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

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : RAYMARK SUPERFUND SITE

NOBIS GROUP

585 Middlesex Street

Lowell, MA - 01851

Phone No: 978-683-0891

ORDER ID : Q1383

ATTENTION : Adam Roy

Laboratory Certification ID # 20012

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Cover Page

Order ID : Q1383

Project ID : Raymark Superfund Site

Client : Nobis Group

Lab Sample Number	Client Sample Number
Q1383-01	OU4-PCS-TC-11-021725
Q1383-02	OU4-PCS-TC-11-021725
Q1383-03	OU4-PCS-TC-12-021725
Q1383-04	OU4-PCS-TC-12-021725
Q1383-05	OU4-PCS-TC-13-021725
Q1383-06	OU4-PCS-TC-13-021725
Q1383-07	OU4-PCS-TC-14-021725
Q1383-08	OU4-PCS-TC-14-021725
Q1383-09	OU4-PCS-TC-15-021725
Q1383-10	OU4-PCS-TC-15-021725
Q1383-11	OU4-PCS-TC-16-021725
Q1383-12	OU4-PCS-TC-16-021725
Q1383-13	OU4-PCS-TC-17-021725
Q1383-14	OU4-PCS-TC-17-021725
Q1383-15	OU4-PCS-TC-18-021725
Q1383-16	OU4-PCS-TC-18-021725
Q1383-17	OU4-PCS-TC-19-021725
Q1383-18	OU4-PCS-TC-19-021725
Q1383-19	OU4-PCS-TC-20-021725
Q1383-20	OU4-PCS-TC-20-021725
Q1383-21	OU4-CF-15-021725
Q1383-22	OU4-CF-15-021725

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

Signature : _____

Date: 2/26/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Nobis Group
Project Name: Raymark Superfund Site
Project # N/A
Chemtech Project # Q1383
Test Name: PCB

A. Number of Samples and Date of Receipt:
22 Solid samples were received on 02/18/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, Herbicide Group1, Mercury, Metals ICP-TAL, METALS-TAL, PCB, Pesticide-TCL, SPLP Extraction, SPLP Mercury, SPLP MetalGroup3, SVOCMS Group3 and VOCMS Group3. This data package contains results for PCB.

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

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for PB166774BS [Decachlorobiphenyl(1) - 127%], DCB bias high in one column for DOD criteria but within QC limit for in house criteria, However all the target compounds recoveries are within DOD acceptance criteria therefore no corrective action taken, while for,

OU4-PCS-TC-11-021725MSD [Tetrachloro-m-xylene(1) - 134%]failing for surrogate but it is passing for Original sample and MS therefore no corrective action taken while for,

OU4-PCS-TC-15-021725 [Tetrachloro-m-xylene(1) - 133%, Tetrachloro-m-xylene(2) - 133%], OU4-PCS-TC-15-021725RE [Tetrachloro-m-xylene(1) - 139%, Tetrachloro-m-xylene(2) - 137%], OU4-PCS-TC-17-021725 [Tetrachloro-m-xylene(1) - 136%, Tetrachloro-m-xylene(2) - 132%], OU4-PCS-TC-17-021725RE [Tetrachloro-m-xylene(1) - 138%, Tetrachloro-m-xylene(2) - 133%], OU4-PCS-TC-19-021725 [Tetrachloro-m-xylene(1) - 133%, Tetrachloro-m-xylene(2) - 131%], OU4-PCS-TC-19-021725RE [Tetrachloro-m-xylene(1) - 136%, Tetrachloro-m-xylene(2) - 132%], OU4-CF-15-021725 [Tetrachloro-m-xylene(1) - 134%, Tetrachloro-m-xylene(2) - 134%],

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OU4-CF-15-021725RE [Tetrachloro-m-xylene(1) - 138% and Tetrachloro-m-xylene(2) - 136%],All the failure samples in surrogates with both columns were reanalyzed to confirm the results as per method and reported in the data.

The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .

The Continuous Calibration File ID PP069953.D met the requirements except for Aroclor-1016(Peak-01) is failing in 1st column but it is passing in 2nd column therefore no corrective action taken.

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

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

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

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

CHEMTECH PROJECT NUMBER: Q1383 MATRIX: Solid

METHOD: 8082A/3541

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified.			✓
2.	Standard Summary Submitted.			✓
3.	Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD. The Initial Calibration met the requirements . The Continuous Calibration File ID PP069953.D met the requirements except for Aroclor-1016(Peak-01) is failing in 1st column but it is passing in 2nd column therefore no corrective action taken.			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries met the acceptable criteria except for PB166774BS [Decachlorobiphenyl(1) - 127%], DCB bias high in one column for DOD criteria but within QC limit for in house criteria, However all the target compounds recoveries are within DOD acceptance criteria therefore no corrective action taken, while for, OU4-PCS-TC-11-021725MSD [Tetrachloro-m-xylene(1) - 134%]failing for surrogate but it is passing for Original sample and MS therefore no corrective action taken while for, OU4-PCS-TC-15-021725 [Tetrachloro-m-xylene(1) - 133%, Tetrachloro-m-xylene(2) - 133%], OU4-PCS-TC-15-021725RE [Tetrachloro-m-xylene(1) - 139%, Tetrachloro-m-xylene(2) - 137%], OU4-PCS-TC-17-021725 [Tetrachloro-m-xylene(1) - 136%, Tetrachloro-m-xylene(2) - 132%], OU4-PCS-TC-17-021725RE [Tetrachloro-m-xylene(1) - 138%, Tetrachloro-m-xylene(2) - 133%], OU4-PCS-TC-19-021725 [Tetrachloro-m-xylene(1) - 133%, Tetrachloro-m-xylene(2) - 131%], OU4-PCS-TC-19-021725RE [Tetrachloro-m-xylene(1) - 136%, Tetrachloro-m-xylene(2) - 132%], OU4-CF-15-021725 [Tetrachloro-m-xylene(1) - 134%, Tetrachloro-m-xylene(2) - 134%], OU4-CF-15-021725RE [Tetrachloro-m-xylene(1) - 138% and Tetrachloro-m-xylene(2) - 136%],All the failure samples in surrogates with both columns were reanalyzed to confirm the results as per method and reported in the data.		✓	

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The MS recoveries met the requirements for all compounds .			
	The MSD recoveries met the acceptable requirements .			
	The Blank Spike met requirements for all samples .			
	The RPD met criteria .			
7.	Retention Time Shift Meet Criteria (if applicable)			✓
	Comments:			
8.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS:

The not QT review data is reported in the Miscellaneous.

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

_____ _____

QA REVIEW Date

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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

	NA	NO	YES

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1383

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

QA Review Signature: SOHIL JODHANI **Date:** 02/26/2025

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LAB CHRONICLE

OrderID:	Q1383	**OrderDate:**	2/18/2025 11:19:00 AM
Client:	Nobis Group	**Project:**	Raymark Superfund Site
Contact:	Adam Roy	**Location:**	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1383-01	**OU4-PCS-TC-11-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/19/25	
			Pesticide-TCL	8081B		02/19/25	02/19/25	
Q1383-03	**OU4-PCS-TC-12-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/21/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-05	**OU4-PCS-TC-13-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/21/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-07	**OU4-PCS-TC-14-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/21/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-09	**OU4-PCS-TC-15-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/20/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-09RE	**OU4-PCS-TC-15-021725RE**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/20/25	
Q1383-11	**OU4-PCS-TC-16-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/21/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	

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LAB CHRONICLE

Q1383-13	**OU4-PCS-TC-17-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/20/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-13RE	**OU4-PCS-TC-17-021725RE**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/21/25	
Q1383-15	**OU4-PCS-TC-18-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/20/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-17	**OU4-PCS-TC-19-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/20/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-17RE	**OU4-PCS-TC-19-021725RE**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/21/25	
Q1383-19	**OU4-PCS-TC-20-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/20/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-21	**OU4-CF-15-021725**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/20/25	
			Pesticide-TCL	8081B		02/19/25	02/20/25	
Q1383-21RE	**OU4-CF-15-021725RE**	**SOIL**			**02/17/25**			**02/18/25**
			PCB	8082A		02/19/25	02/21/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1383 **Order ID:** Q1383

Client: Nobis Group **Project ID:** Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-PCS-TC-11-021725									
Q1383-01	OU4-PCS-TC-11-0217	SOIL	Aroclor-1254	10.7	J	2.90	14.0	18.3	ug/kg
			Total Concentration:	**10.700**					
Client ID : OU4-PCS-TC-12-021725									
Q1383-03	OU4-PCS-TC-12-0217	SOIL	Aroclor-1254	6.70	J	3.00	14.1	18.4	ug/kg
			Total Concentration:	**6.700**					
Client ID : OU4-PCS-TC-14-021725									
Q1383-07	OU4-PCS-TC-14-0217	SOIL	Aroclor-1254	4.10	J	3.00	14.1	18.5	ug/kg
			Total Concentration:	**4.100**					
Client ID : OU4-PCS-TC-15-021725									
Q1383-09	OU4-PCS-TC-15-0217	SOIL	Aroclor-1254	20.4		2.90	14.0	18.3	ug/kg
			Total Concentration:	**20.400**					
Client ID : OU4-PCS-TC-15-021725RE									
Q1383-09RE	OU4-PCS-TC-15-0217	SOIL	Aroclor-1254	21.4		2.90	14.0	18.3	ug/kg
			Total Concentration:	**21.400**					

QC SUMMARY

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Surrogate Summary

SDG No.: Q1383

Client: Nobis Group

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP069264.D	PIBLK-PP069264.D	Tetrachloro-m-xylene	1	20	25.7	128		60	140
		Decachlorobiphenyl	1	20	25.4	127		60	140
		Tetrachloro-m-xylene	2	20	26.0	130		60	140
		Decachlorobiphenyl	2	20	25.4	127		60	140
I.BLK-PP069861.D	PIBLK-PP069861.D	Tetrachloro-m-xylene	1	20	23.1	115		60	140
		Decachlorobiphenyl	1	20	22.2	111		60	140
		Tetrachloro-m-xylene	2	20	22.5	112		60	140
		Decachlorobiphenyl	2	20	22.1	111		60	140
PB166774BL	PB166774BL	Tetrachloro-m-xylene	1	20	23.9	119		44	130
		Decachlorobiphenyl	1	20	23.1	115		60	125
		Tetrachloro-m-xylene	2	20	23.2	116		44	130
		Decachlorobiphenyl	2	20	22.8	114		60	125
PB166774BS	PB166774BS	Tetrachloro-m-xylene	1	20	25.8	129		44	130
		Decachlorobiphenyl	1	20	25.3	127	*	60	125
		Tetrachloro-m-xylene	2	20	24.2	121		44	130
		Decachlorobiphenyl	2	20	23.9	119		60	125
Q1383-01	OU4-PCS-TC-11-021725	Tetrachloro-m-xylene	1	20	25.6	128		44	130
		Decachlorobiphenyl	1	20	21.5	108		60	125
		Tetrachloro-m-xylene	2	20	24.7	124		44	130
		Decachlorobiphenyl	2	20	21.4	107		60	125
Q1383-01MS	OU4-PCS-TC-11-021725MS	Tetrachloro-m-xylene	1	20	25.5	127		44	130
		Decachlorobiphenyl	1	20	20.5	102		60	125
		Tetrachloro-m-xylene	2	20	24.4	122		44	130
		Decachlorobiphenyl	2	20	20.3	101		60	125
Q1383-01MSD	OU4-PCS-TC-11-021725MSD	Tetrachloro-m-xylene	1	20	26.7	134	*	44	130
		Decachlorobiphenyl	1	20	21.4	107		60	125
		Tetrachloro-m-xylene	2	20	24.6	123		44	130
		Decachlorobiphenyl	2	20	21.3	106		60	125
Q1383-09	OU4-PCS-TC-15-021725	Tetrachloro-m-xylene	1	20	26.6	133	*	44	130
		Decachlorobiphenyl	1	20	23.9	119		60	125
		Tetrachloro-m-xylene	2	20	26.6	133	*	44	130
		Decachlorobiphenyl	2	20	23.6	118		60	125
I.BLK-PP069876.D	PIBLK-PP069876.D	Tetrachloro-m-xylene	1	20	23.3	116		60	140
		Decachlorobiphenyl	1	20	22.6	113		60	140
		Tetrachloro-m-xylene	2	20	23.0	115		60	140
		Decachlorobiphenyl	2	20	22.6	113		60	140
Q1383-13	OU4-PCS-TC-17-021725	Tetrachloro-m-xylene	1	20	27.1	136	*	44	130
		Decachlorobiphenyl	1	20	22.4	112		60	125
		Tetrachloro-m-xylene	2	20	26.5	132	*	44	130
		Decachlorobiphenyl	2	20	22.1	111		60	125
Q1383-15	OU4-PCS-TC-18-021725	Tetrachloro-m-xylene	1	20	24.8	124		44	130

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Surrogate Summary

SDG No.: Q1383

Client: Nobis Group

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1383-15	OU4-PCS-TC-18-021725	Decachlorobiphenyl	1	20	19.1	96		60	125
		Tetrachloro-m-xylene	2	20	24.8	124		44	130
		Decachlorobiphenyl	2	20	19.7	98		60	125
Q1383-17	OU4-PCS-TC-19-021725	Tetrachloro-m-xylene	1	20	26.5	133	*	44	130
		Decachlorobiphenyl	1	20	22.1	111		60	125
		Tetrachloro-m-xylene	2	20	26.2	131	*	44	130
		Decachlorobiphenyl	2	20	22.0	110		60	125
Q1383-19	OU4-PCS-TC-20-021725	Tetrachloro-m-xylene	1	20	25.7	128		44	130
		Decachlorobiphenyl	1	20	22.2	111		60	125
		Tetrachloro-m-xylene	2	20	26.1	130		44	130
		Decachlorobiphenyl	2	20	21.5	108		60	125
Q1383-21	OU4-CF-15-021725	Tetrachloro-m-xylene	1	20	26.7	134	*	44	130
		Decachlorobiphenyl	1	20	23.2	116		60	125
		Tetrachloro-m-xylene	2	20	26.7	134	*	44	130
		Decachlorobiphenyl	2	20	23.9	119		60	125
I.BLK-PP069889.D	PIBLK-PP069889.D	Tetrachloro-m-xylene	1	20	23.9	120		60	140
		Decachlorobiphenyl	1	20	23.2	116		60	140
		Tetrachloro-m-xylene	2	20	23.5	117		60	140
		Decachlorobiphenyl	2	20	22.4	112		60	140
I.BLK-PP069936.D	PIBLK-PP069936.D	Tetrachloro-m-xylene	1	20	24.4	122		60	140
		Decachlorobiphenyl	1	20	24.0	120		60	140
		Tetrachloro-m-xylene	2	20	24.2	121		60	140
		Decachlorobiphenyl	2	20	23.2	116		60	140
Q1383-09RE	OU4-PCS-TC-15-021725RE	Tetrachloro-m-xylene	1	20	27.8	139	*	44	130
		Decachlorobiphenyl	1	20	25.0	125		60	125
		Tetrachloro-m-xylene	2	20	27.4	137	*	44	130
		Decachlorobiphenyl	2	20	23.9	119		60	125
Q1383-13RE	OU4-PCS-TC-17-021725RE	Tetrachloro-m-xylene	1	20	27.5	138	*	44	130
		Decachlorobiphenyl	1	20	22.9	115		60	125
		Tetrachloro-m-xylene	2	20	26.6	133	*	44	130
		Decachlorobiphenyl	2	20	23.4	117		60	125
Q1383-17RE	OU4-PCS-TC-19-021725RE	Tetrachloro-m-xylene	1	20	27.2	136	*	44	130
		Decachlorobiphenyl	1	20	22.6	113		60	125
		Tetrachloro-m-xylene	2	20	26.5	132	*	44	130
		Decachlorobiphenyl	2	20	23.6	118		60	125
Q1383-21RE	OU4-CF-15-021725RE	Tetrachloro-m-xylene	1	20	27.6	138	*	44	130
		Decachlorobiphenyl	1	20	23.9	119		60	125
		Tetrachloro-m-xylene	2	20	27.1	136	*	44	130
		Decachlorobiphenyl	2	20	23.9	119		60	125
Q1383-11	OU4-PCS-TC-16-021725	Tetrachloro-m-xylene	1	20	25.6	128		44	130
		Decachlorobiphenyl	1	20	23.1	115		60	125

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Surrogate Summary

SDG No.: Q1383

Client: Nobis Group

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q1383-11	OU4-PCS-TC-16-021725	Tetrachloro-m-xylene	2	20	25.3	126		44	130
		Decachlorobiphenyl	2	20	23.5	117		60	125
I.BLK-PP069951.D	PIBLK-PP069951.D	Tetrachloro-m-xylene	1	20	25.6	128		60	140
		Decachlorobiphenyl	1	20	24.6	123		60	140
		Tetrachloro-m-xylene	2	20	25.5	127		60	140
		Decachlorobiphenyl	2	20	23.8	119		60	140
I.BLK-PP069957.D	PIBLK-PP069957.D	Tetrachloro-m-xylene	1	20	22.5	113		60	140
		Decachlorobiphenyl	1	20	22.3	112		60	140
		Tetrachloro-m-xylene	2	20	22.2	111		60	140
		Decachlorobiphenyl	2	20	22.6	113		60	140
Q1383-03	OU4-PCS-TC-12-021725	Tetrachloro-m-xylene	1	20	23.7	119		44	130
		Decachlorobiphenyl	1	20	21.3	106		60	125
		Tetrachloro-m-xylene	2	20	24.2	121		44	130
		Decachlorobiphenyl	2	20	21.0	105		60	125
Q1383-05	OU4-PCS-TC-13-021725	Tetrachloro-m-xylene	1	20	24.4	122		44	130
		Decachlorobiphenyl	1	20	21.8	109		60	125
		Tetrachloro-m-xylene	2	20	24.2	121		44	130
		Decachlorobiphenyl	2	20	20.4	102		60	125
Q1383-07	OU4-PCS-TC-14-021725	Tetrachloro-m-xylene	1	20	25.6	128		44	130
		Decachlorobiphenyl	1	20	23.2	116		60	125
		Tetrachloro-m-xylene	2	20	25.8	129		44	130
		Decachlorobiphenyl	2	20	22.8	114		60	125
I.BLK-PP069971.D	PIBLK-PP069971.D	Tetrachloro-m-xylene	1	20	21.9	110		60	140
		Decachlorobiphenyl	1	20	21.7	108		60	140
		Tetrachloro-m-xylene	2	20	22.5	112		60	140
		Decachlorobiphenyl	2	20	20.3	101		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1383

Client: Nobis Group

Analytical Method: 8082A **DataFile :** PP069866.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**OU4-PCS-TC-11-021725MS**											
Q1383-01MS	AR1016	179.7	0	191	ug/kg	106				47	134	
	AR1260	179.7	0	177	ug/kg	98				53	140	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1383

Client: Nobis Group

Analytical Method: 8082A **DataFile :** PP069867.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**OU4-PCS-TC-11-021725MSD**											
Q1383-01MSD	AR1016	179.5	0	175	ug/kg	97		9		47	134	20
	AR1260	179.5	0	164	ug/kg	91		7		53	140	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1383

Client: Nobis Group

Analytical Method: 8082A **Datafile :** PP069863.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166774BS	AR1016	166.6	152	ug/kg	91				47	134	
	AR1260	166.6	152	ug/kg	91				53	140	

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166774BL

Lab Name: CHEMTECH Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383

Lab Sample ID: PB166774BL Lab File ID: PP069862.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 02/19/2025

Date Analyzed (1): 02/19/2025 Date Analyzed (2): 02/19/2025

Time Analyzed (1): 21:55 Time Analyzed (2): 21:55

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

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB166774BS	PB166774BS	PP069863.D	02/19/2025	02/19/2025
OU4-PCS-TC-11-021725	Q1383-01	PP069865.D	02/19/2025	02/19/2025
OU4-PCS-TC-11-021725MS	Q1383-01MS	PP069866.D	02/19/2025	02/19/2025
OU4-PCS-TC-11-021725MSD	Q1383-01MSD	PP069867.D	02/19/2025	02/19/2025
OU4-PCS-TC-15-021725	Q1383-09	PP069871.D	02/20/2025	02/20/2025
OU4-PCS-TC-17-021725	Q1383-13	PP069878.D	02/20/2025	02/20/2025
OU4-PCS-TC-18-021725	Q1383-15	PP069879.D	02/20/2025	02/20/2025
OU4-PCS-TC-19-021725	Q1383-17	PP069880.D	02/20/2025	02/20/2025
OU4-PCS-TC-20-021725	Q1383-19	PP069881.D	02/20/2025	02/20/2025
OU4-CF-15-021725	Q1383-21	PP069882.D	02/20/2025	02/20/2025
OU4-PCS-TC-16-021725	Q1383-11	PP069946.D	02/21/2025	02/21/2025
OU4-PCS-TC-12-021725	Q1383-03	PP069958.D	02/21/2025	02/21/2025
OU4-PCS-TC-13-021725	Q1383-05	PP069959.D	02/21/2025	02/21/2025
OU4-PCS-TC-14-021725	Q1383-07	PP069960.D	02/21/2025	02/21/2025

COMMENTS:

SAMPLE DATA

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-11-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.6 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069865.D	1	02/19/25 09:40	02/19/25 22:44	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	10.7	J	2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.6		44 - 130		128%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		60 - 125		108%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 22:44
Operator : YP\AJ
Sample : Q1383-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:29:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.829	36701229	22077550	25.639	24.736m
2)	SA Decachlor...	10.253	8.888	23545929	23968208	21.544	21.429
	Target Compounds						
26)	L6 AR-1254-1	6.529	5.727	1554095	1574808	26.858	28.604
27)	L6 AR-1254-2	6.745	5.875	2614446	1403625	32.582	29.019m
28)	L6 AR-1254-3	7.108	6.278	2624303	2260122	31.135	29.779m
29)	L6 AR-1254-4	7.391	6.508	2022006	2029033	29.653	39.591 #
30)	L6 AR-1254-5	7.806	6.928	1508897	1436993	22.175m	21.589m

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

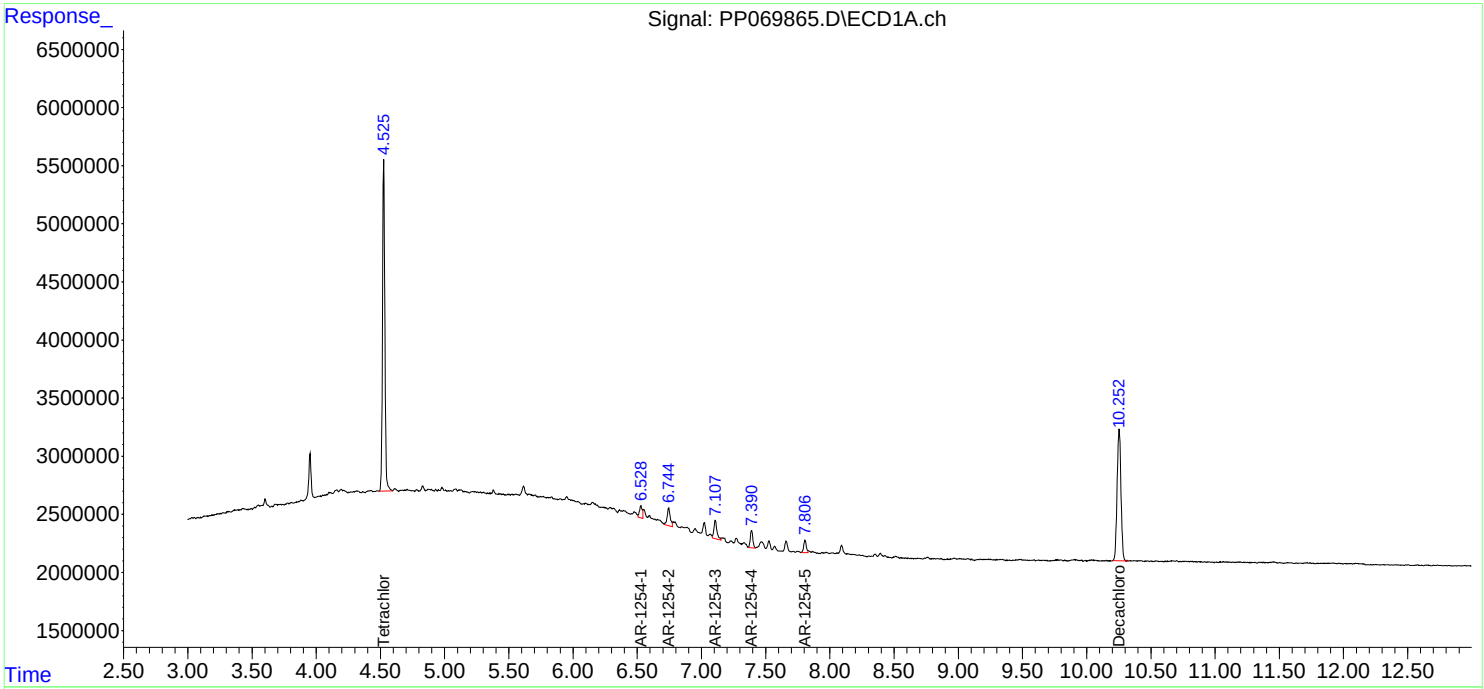
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 22:44
Operator : YP\AJ
Sample : Q1383-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

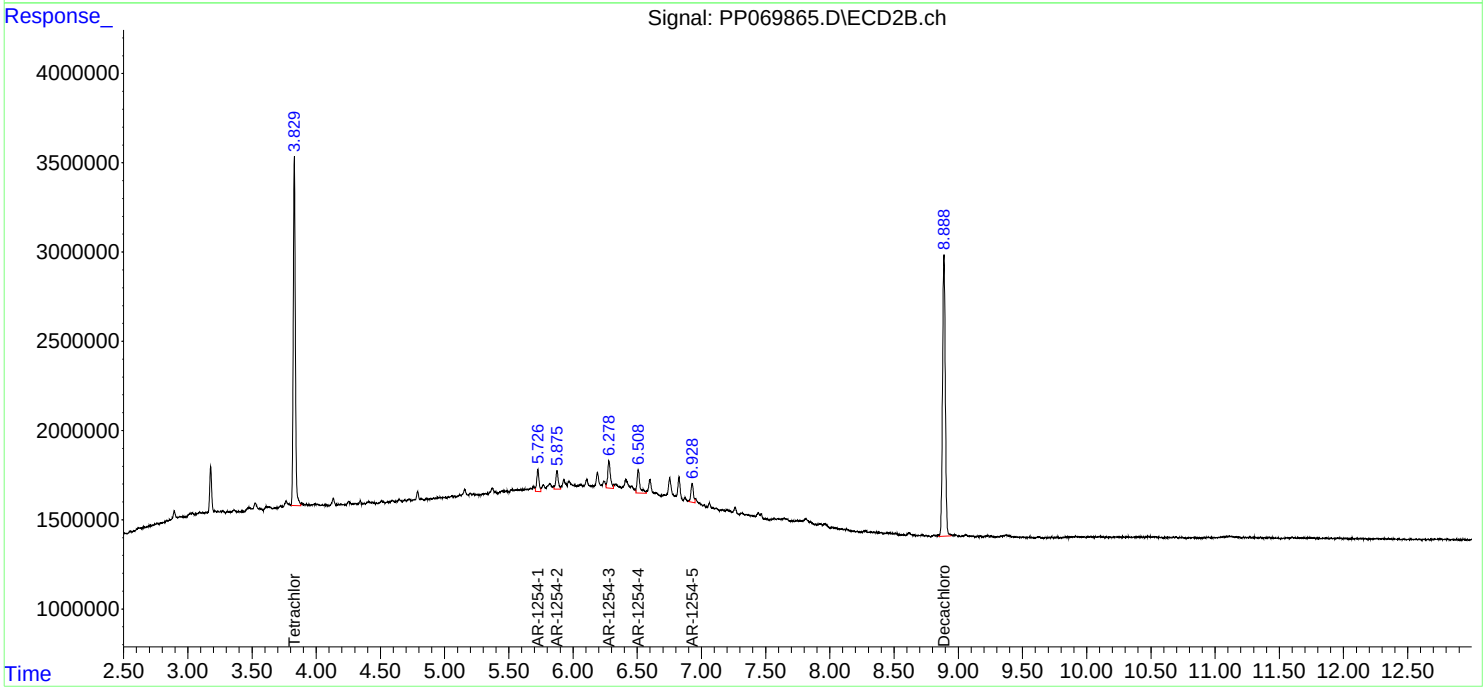
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725

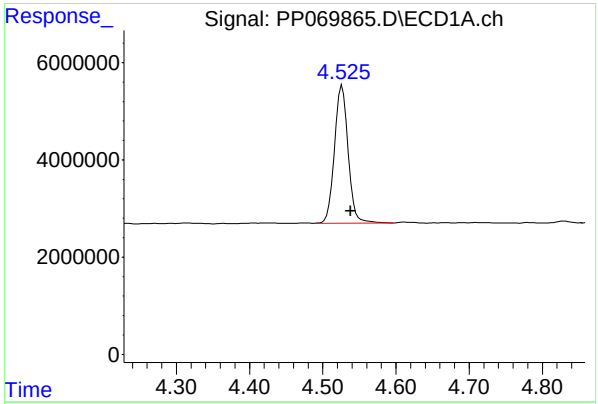
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:29:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







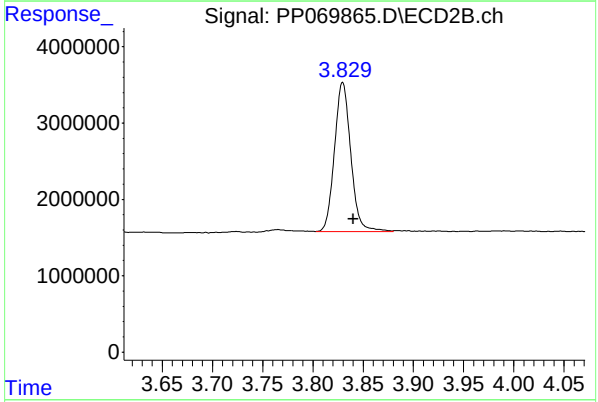
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.012 mi
Response: 36701229
Conc: 25.64 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725

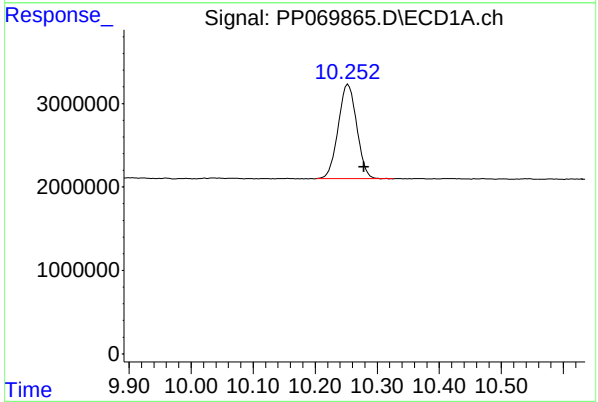
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



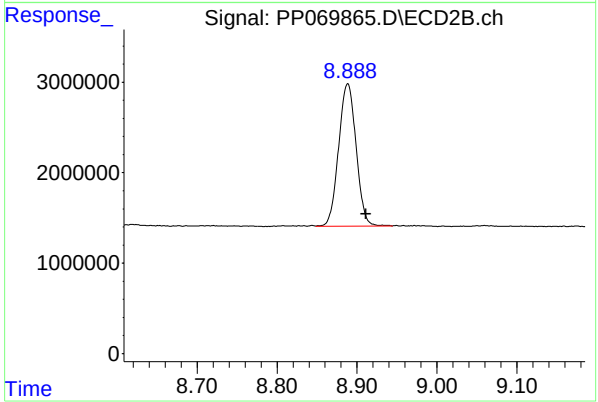
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 22077550
Conc: 24.74 ng/ml m



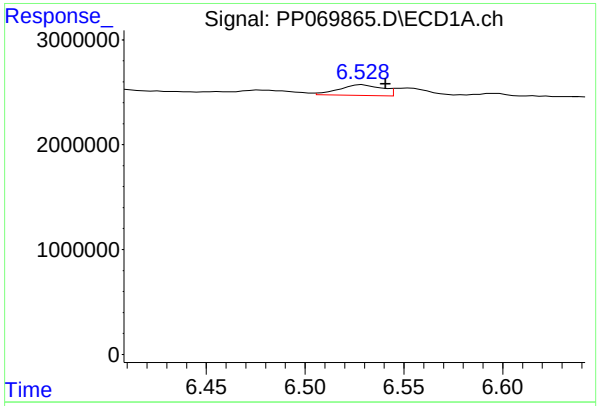
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.025 min
Response: 23545929
Conc: 21.54 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 23968208
Conc: 21.43 ng/ml



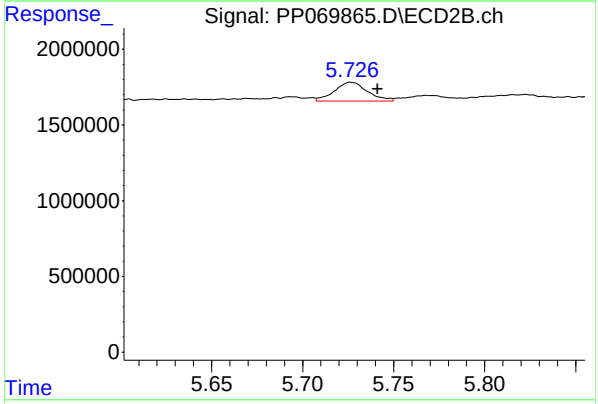
#26 AR-1254-1

R.T.: 6.529 min
Delta R.T.: -0.011 min
Response: 1554095
Conc: 26.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725

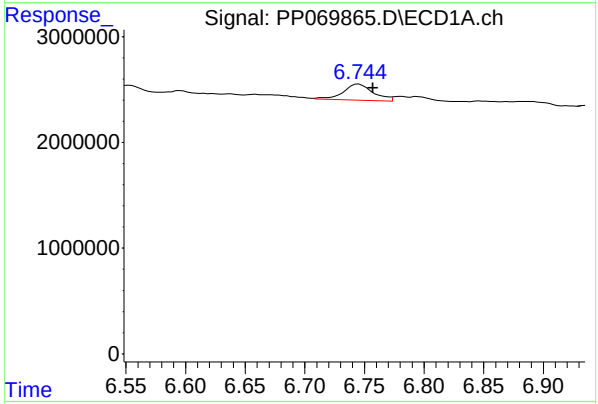
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



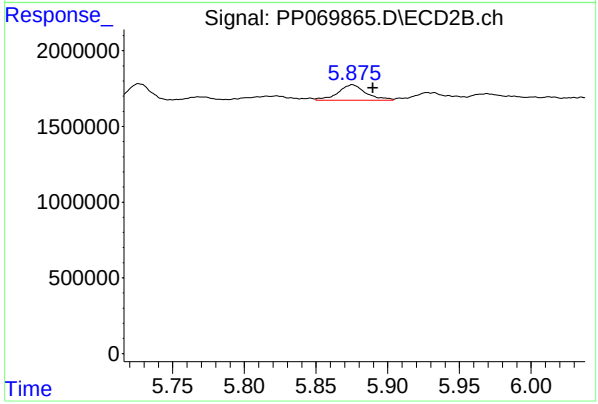
#26 AR-1254-1

R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 1574808
Conc: 28.60 ng/ml



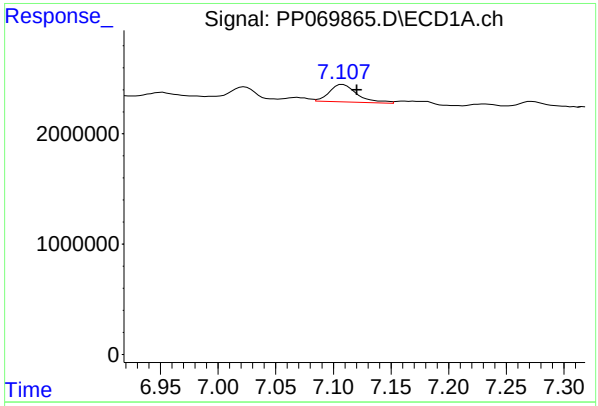
#27 AR-1254-2

R.T.: 6.745 min
Delta R.T.: -0.012 min
Response: 2614446
Conc: 32.58 ng/ml



#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 1403625
Conc: 29.02 ng/ml m



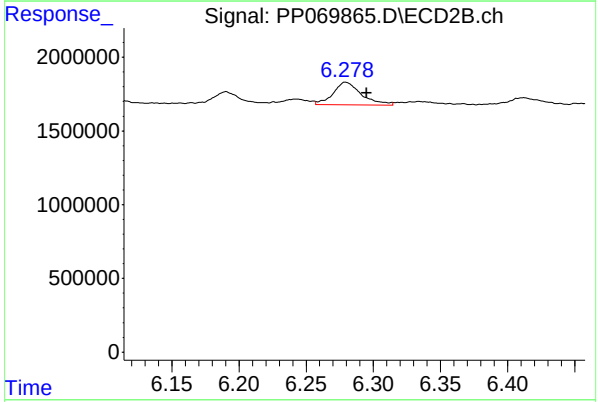
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: -0.012 mi
Response: 2624303
Conc: 31.13 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725

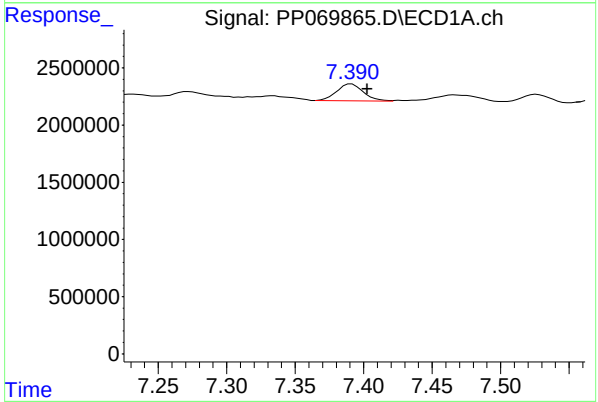
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



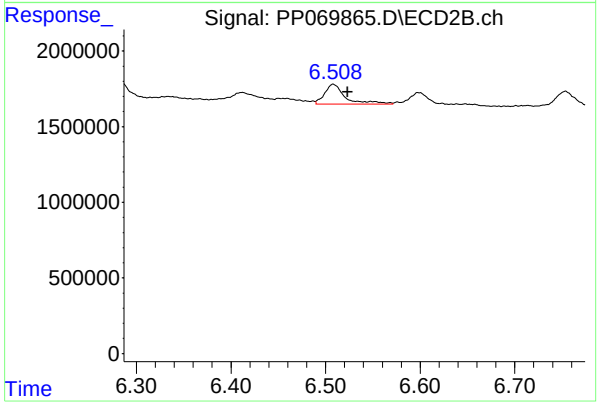
#28 AR-1254-3

R.T.: 6.278 min
Delta R.T.: -0.016 min
Response: 2260122
Conc: 29.78 ng/ml m



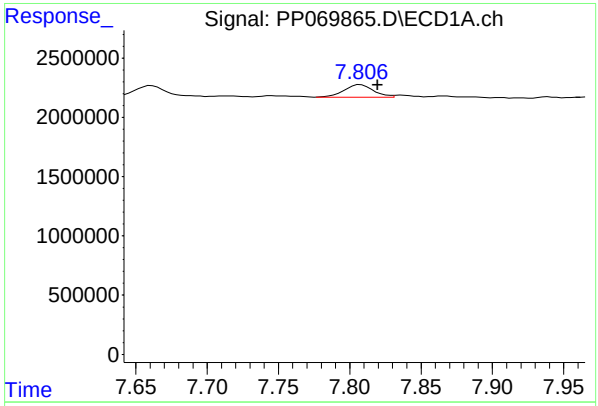
#29 AR-1254-4

R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 2022006
Conc: 29.65 ng/ml



#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 2029033
Conc: 39.59 ng/ml



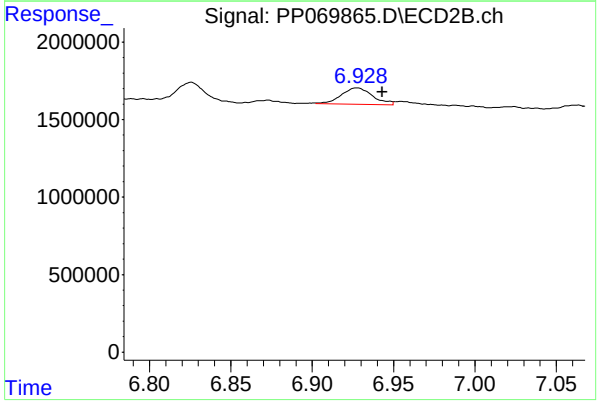
#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.013 mi
Response: 1508897
Conc: 22.17 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



#30 AR-1254-5

R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 1436993
Conc: 21.59 ng/ml m

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-12-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.2 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069958.D	1	02/19/25 09:40	02/21/25 11:58	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.1	U	6.90	14.1	18.4	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.50	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	6.70	J	3.00	14.1	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.2		44 - 130		121%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.3		60 - 125		106%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 11:58
Operator : YP\AJ
Sample : Q1383-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:12:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.829	33955635	21567739	23.721	24.164m
2)	SA Decachlor...	10.249	8.886	23252894	23474368	21.276	20.988
	Target Compounds						
26)	L6 AR-1254-1	6.526	5.726	739780	902181	12.785m	16.387m#
27)	L6 AR-1254-2	6.742	5.873	2312038	873771	28.813	18.065m#
28)	L6 AR-1254-3	7.105	6.278	1656147	1590850	19.649	20.961m
29)	L6 AR-1254-4	7.388	6.507	1285107	999133	18.847	19.495m
30)	L6 AR-1254-5	7.805	6.924	902429	933046	13.262	14.018m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 11:58
Operator : YP\AJ
Sample : Q1383-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

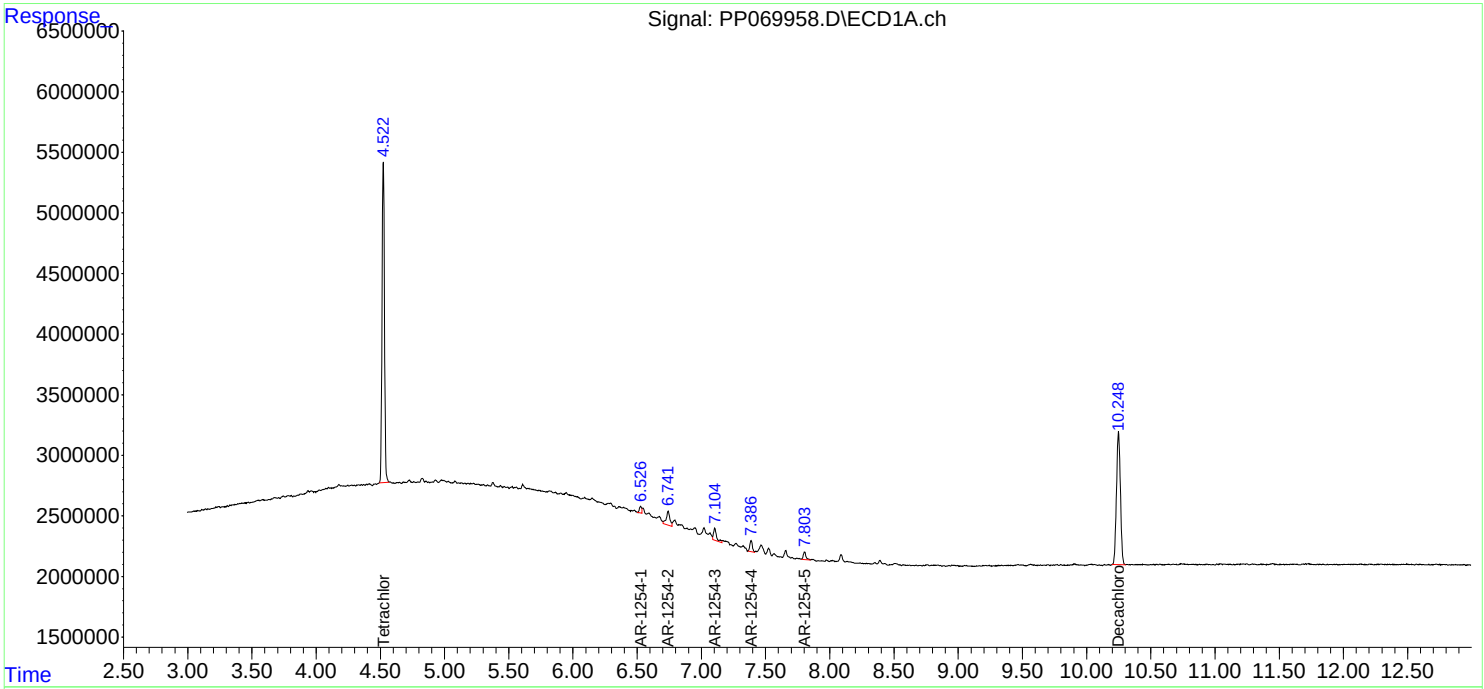
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725

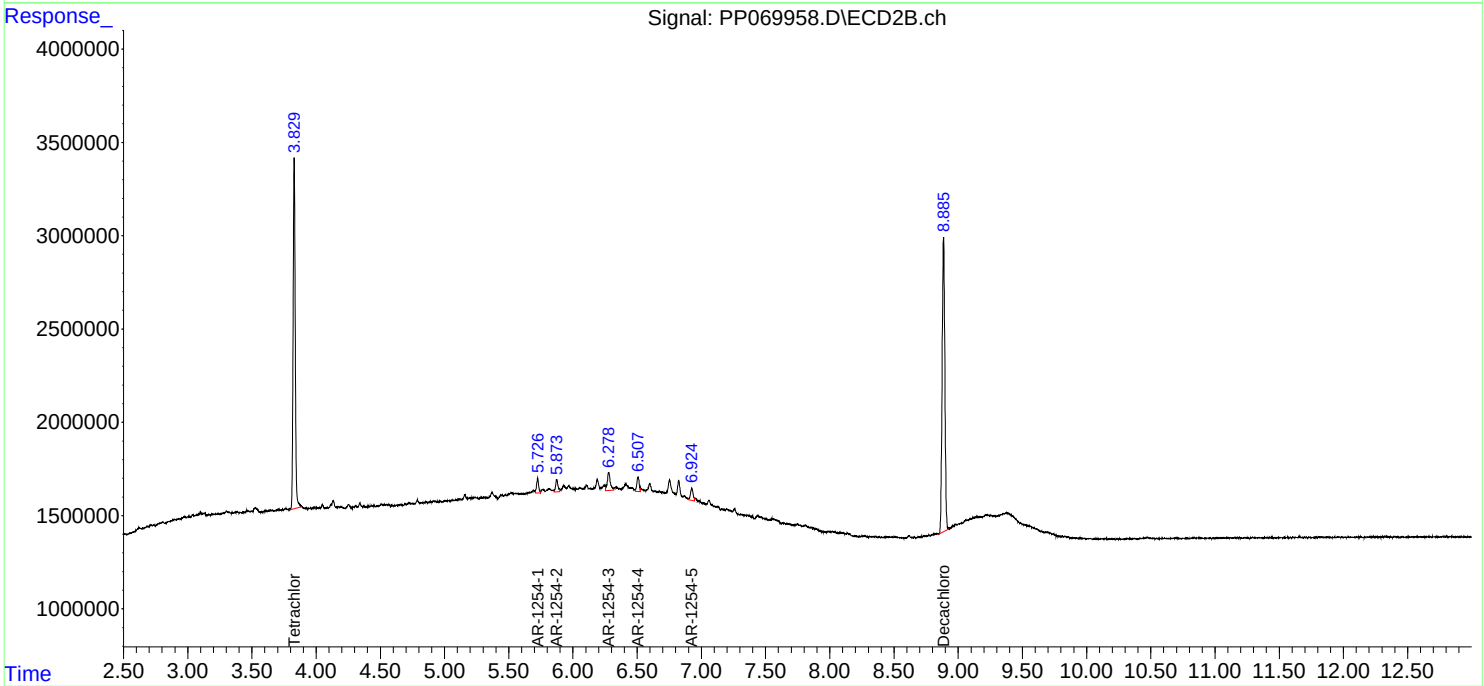
Manual Integrations APPROVED

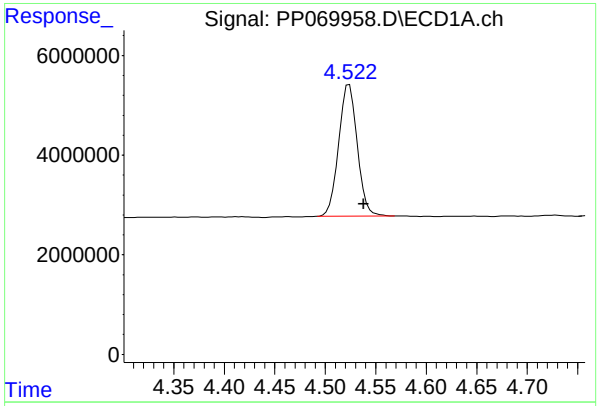
Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:12:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







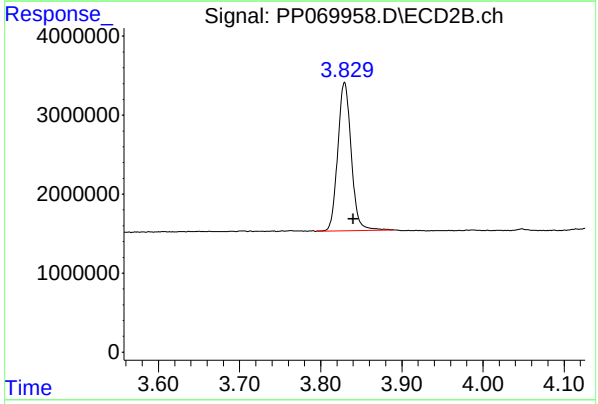
#1 Tetrachloro-m-xylene

R.T.: 4.524 min
Delta R.T.: -0.014 mi
Response: 33955635
Conc: 23.72 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725

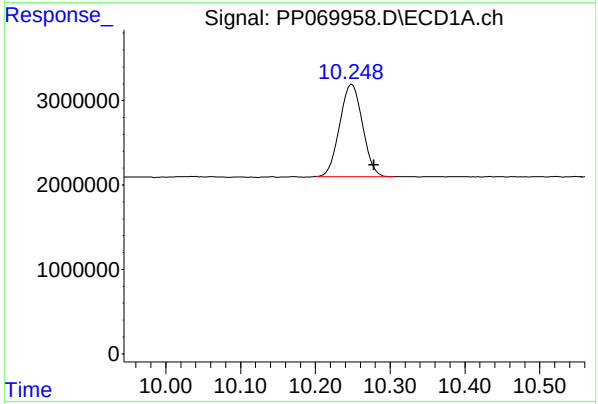
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



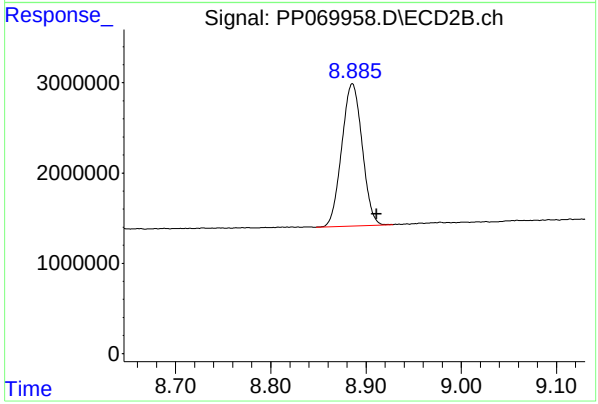
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 21567739
Conc: 24.16 ng/ml m



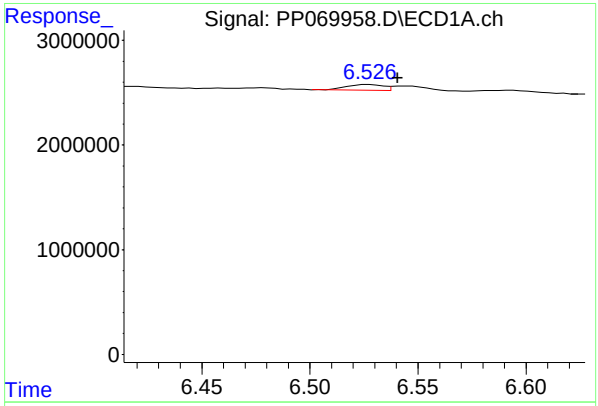
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.030 min
Response: 23252894
Conc: 21.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.886 min
Delta R.T.: -0.025 min
Response: 23474368
Conc: 20.99 ng/ml



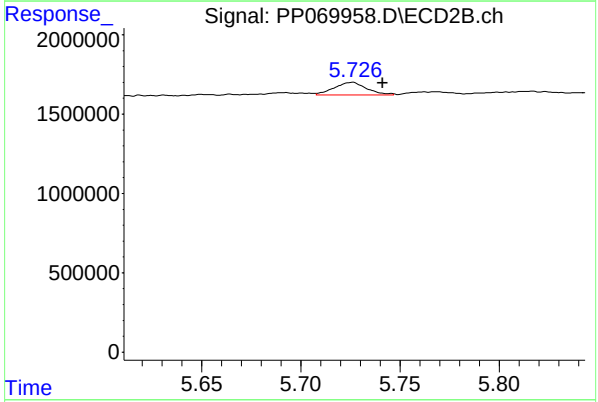
#26 AR-1254-1

R.T.: 6.526 min
Delta R.T.: -0.014 mi
Response: 739780
Conc: 12.78 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725

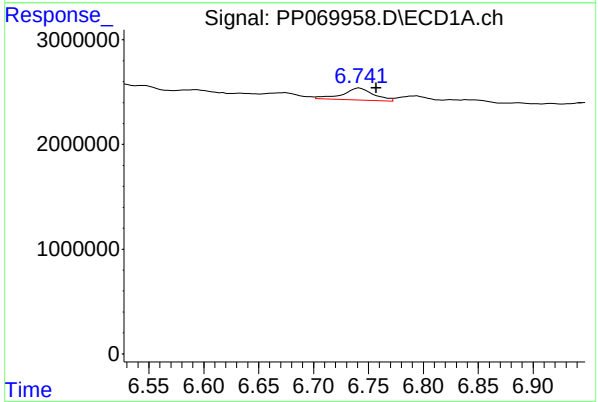
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



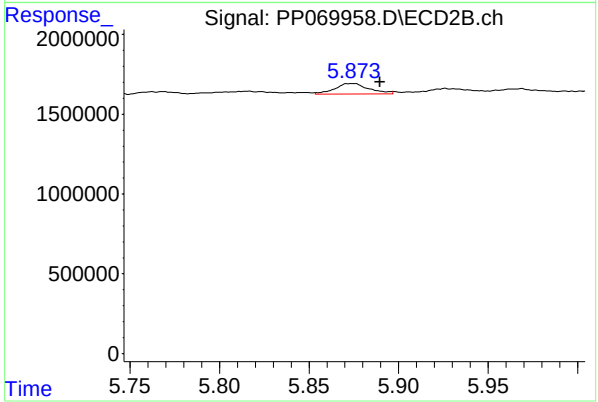
#26 AR-1254-1

R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 902181
Conc: 16.39 ng/ml m



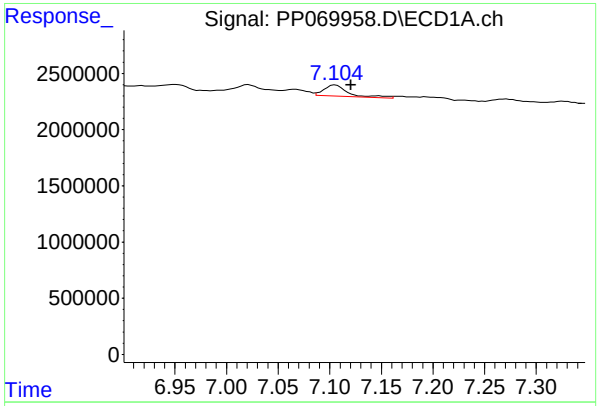
#27 AR-1254-2

R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 2312038
Conc: 28.81 ng/ml



#27 AR-1254-2

R.T.: 5.873 min
Delta R.T.: -0.016 min
Response: 873771
Conc: 18.06 ng/ml m



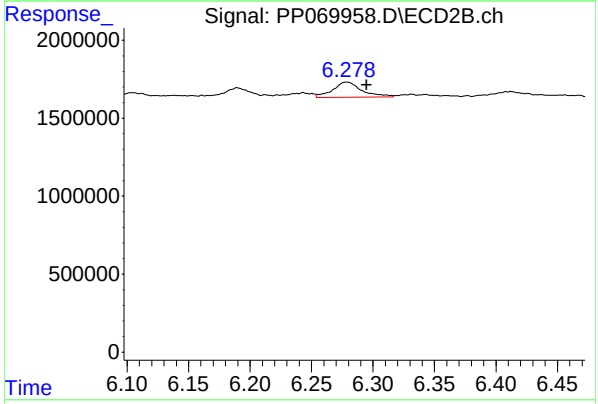
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 mi
Response: 1656147
Conc: 19.65 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725

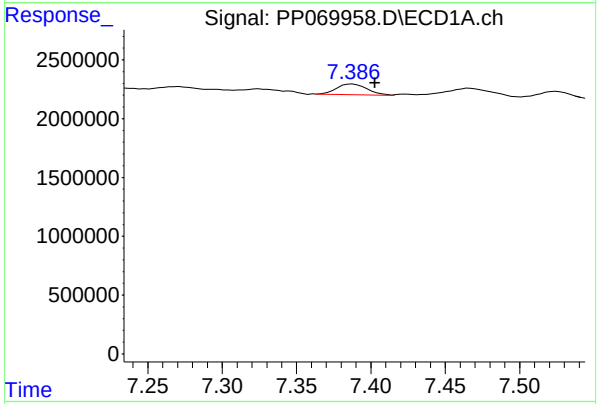
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



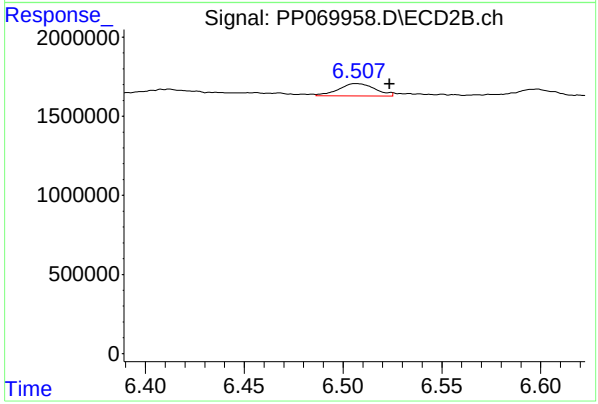
#28 AR-1254-3

R.T.: 6.278 min
Delta R.T.: -0.017 min
Response: 1590850
Conc: 20.96 ng/ml m



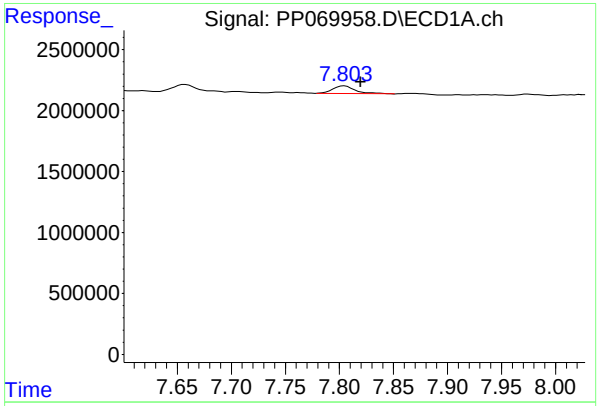
#29 AR-1254-4

R.T.: 7.388 min
Delta R.T.: -0.015 min
Response: 1285107
Conc: 18.85 ng/ml



#29 AR-1254-4

R.T.: 6.507 min
Delta R.T.: -0.017 min
Response: 999133
Conc: 19.50 ng/ml m



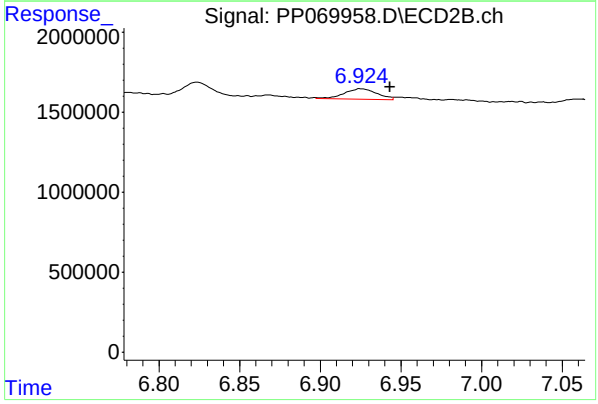
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.015 mi
Response: 902429
Conc: 13.26 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



#30 AR-1254-5

R.T.: 6.924 min
Delta R.T.: -0.019 min
Response: 933046
Conc: 14.02 ng/ml m

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-13-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-05	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.5 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069959.D	1	02/19/25 09:40	02/21/25 12:14	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
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53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.4	ug/kg
11097-69-1	Aroclor-1254	14.0	U	2.90	14.0	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.4		44 - 130		122%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.8		60 - 125		109%	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\PP022125\
Data File : PP069959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 12:14
Operator : YP\AJ
Sample : Q1383-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:12:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.525	3.829	34980253	21637434	24.436	24.243m
2)	SA Decachlor...	10.251	8.885	23801819	22801681	21.779	20.386
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 12:14
Operator : YP\AJ
Sample : Q1383-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

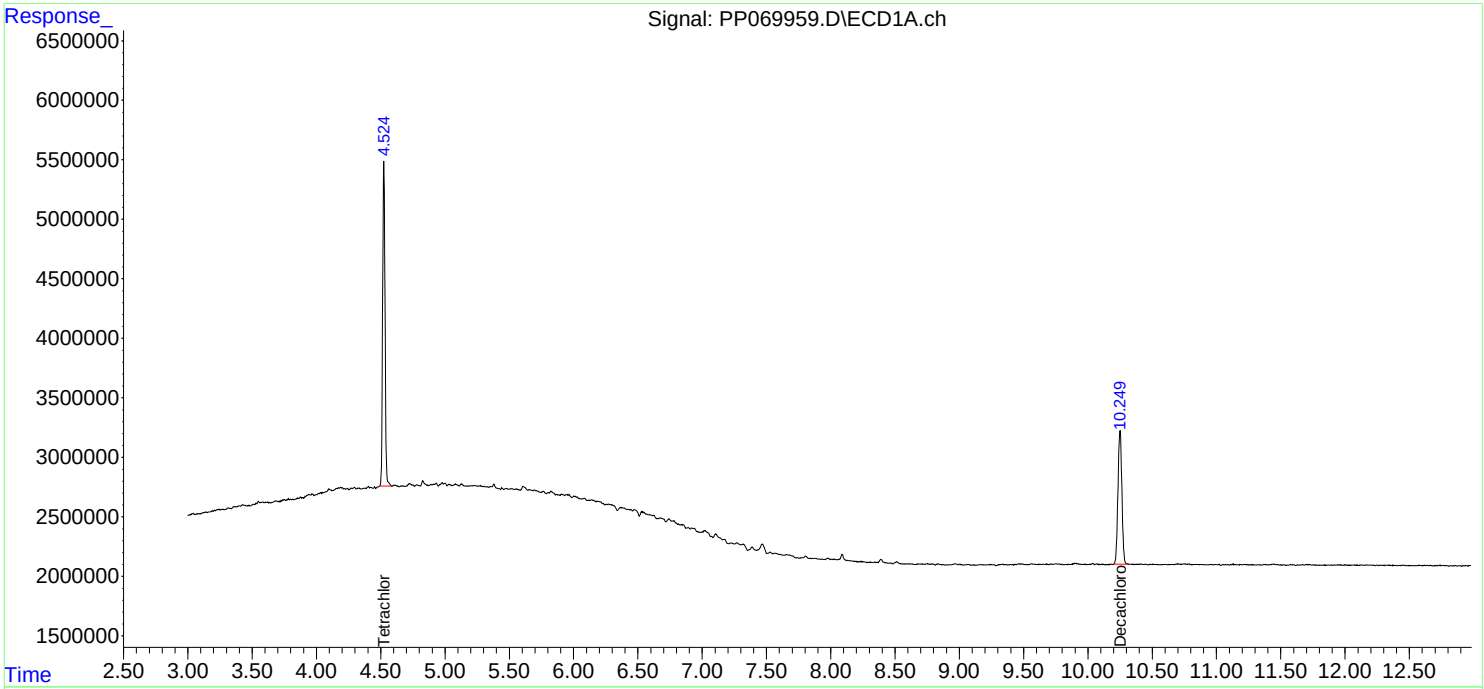
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725

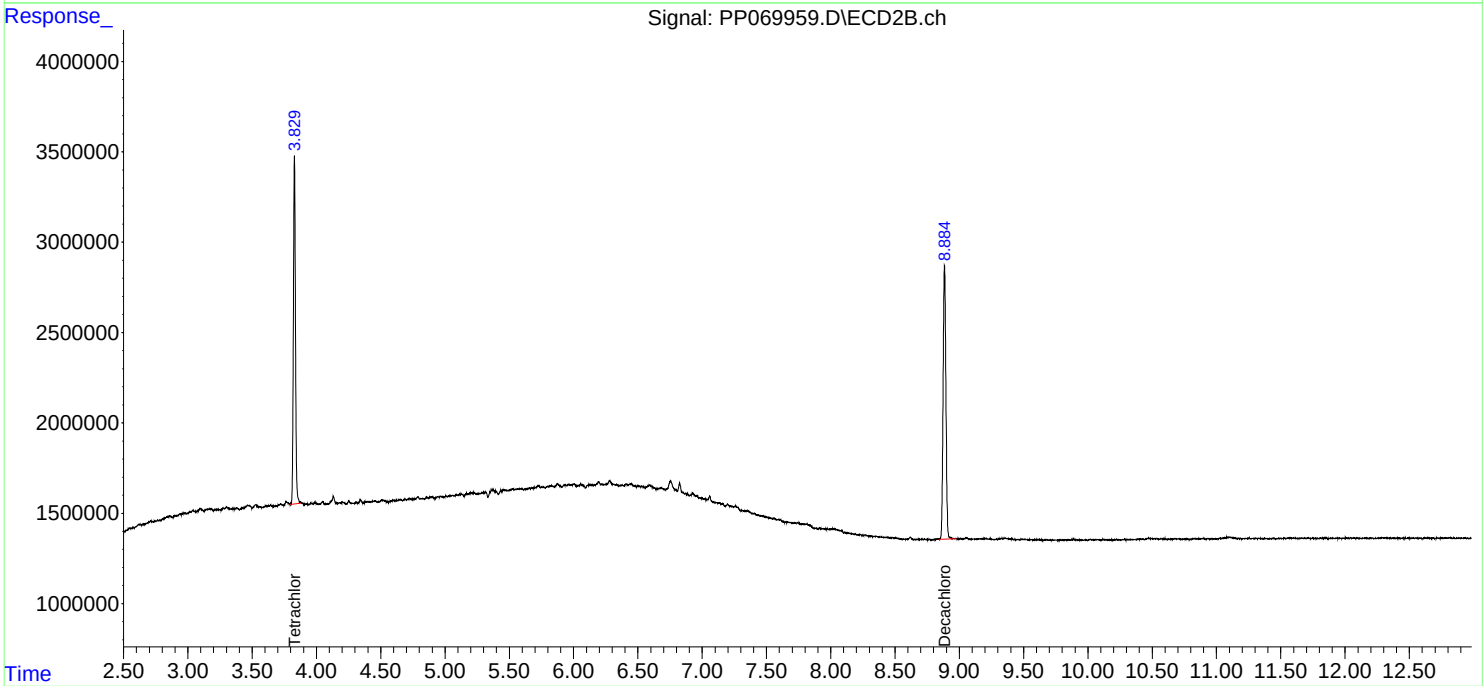
Manual Integrations APPROVED

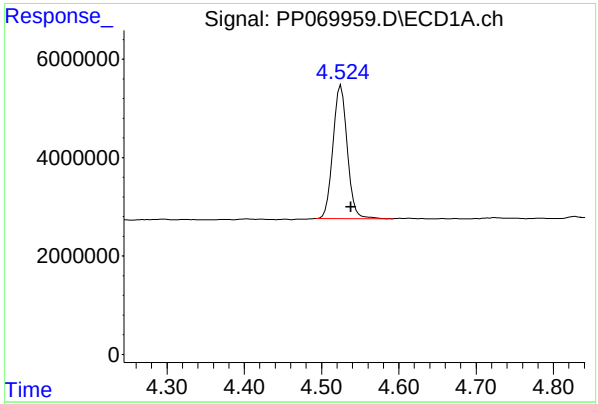
Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:12:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







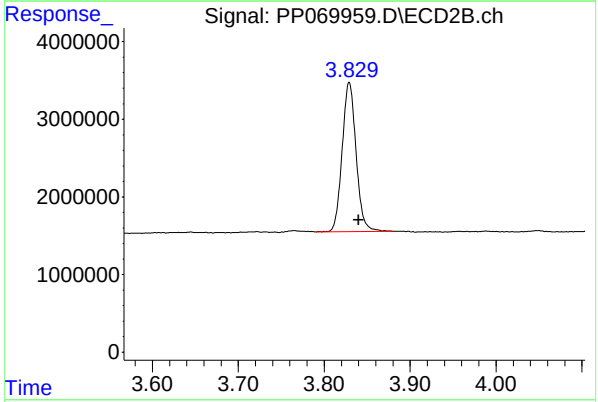
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 34980253
Conc: 24.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725

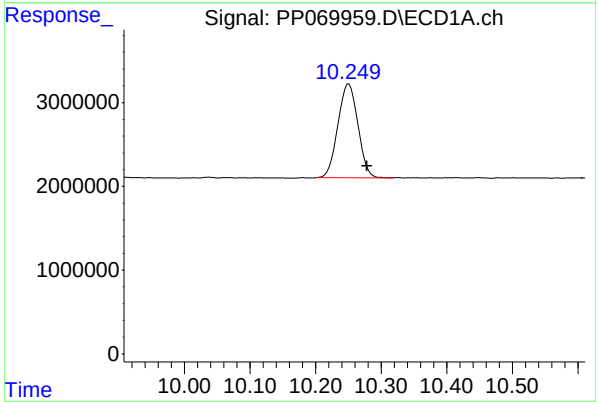
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



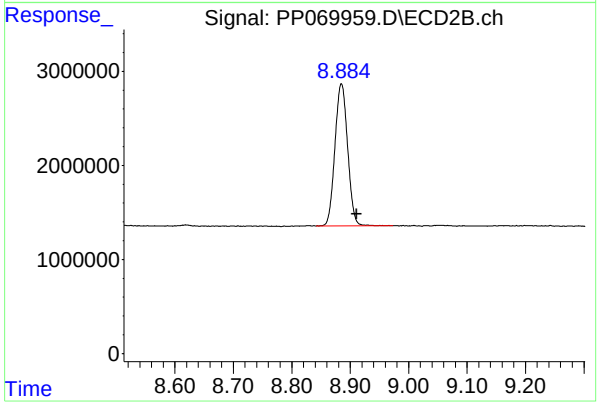
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 21637434
Conc: 24.24 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.028 min
Response: 23801819
Conc: 21.78 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.885 min
Delta R.T.: -0.026 min
Response: 22801681
Conc: 20.39 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-14-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-07	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.1 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069960.D	1	02/19/25 09:40	02/21/25 12:31	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.5	ug/kg
11104-28-2	Aroclor-1221	14.1	U	7.00	14.1	18.5	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.5	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.5	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.60	14.1	18.5	ug/kg
11097-69-1	Aroclor-1254	4.10	J	3.00	14.1	18.5	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.5	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.5	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.8		44 - 130		129%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.2		60 - 125		116%	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\PP022125\
Data File : PP069960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 12:31
Operator : YP\AJ
Sample : Q1383-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 24 00:52:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.829	36622535	22996082	25.584	25.765m
2)	SA Decachlor...	10.248	8.885	25354162	25497736	23.199	22.797
	Target Compounds						
26)	L6 AR-1254-1	6.527	5.725	603978	465296	10.438m	8.451m
27)	L6 AR-1254-2	6.740	5.875	929849	560892	11.588m	11.596m
28)	L6 AR-1254-3	7.102	6.278	773333	994629	9.175m	13.105m#
29)	L6 AR-1254-4	7.384	6.506	832562	678008	12.210m	13.230
30)	L6 AR-1254-5	7.802	6.926	549263	670584	8.072	10.075m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 12:31
Operator : YP\AJ
Sample : Q1383-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

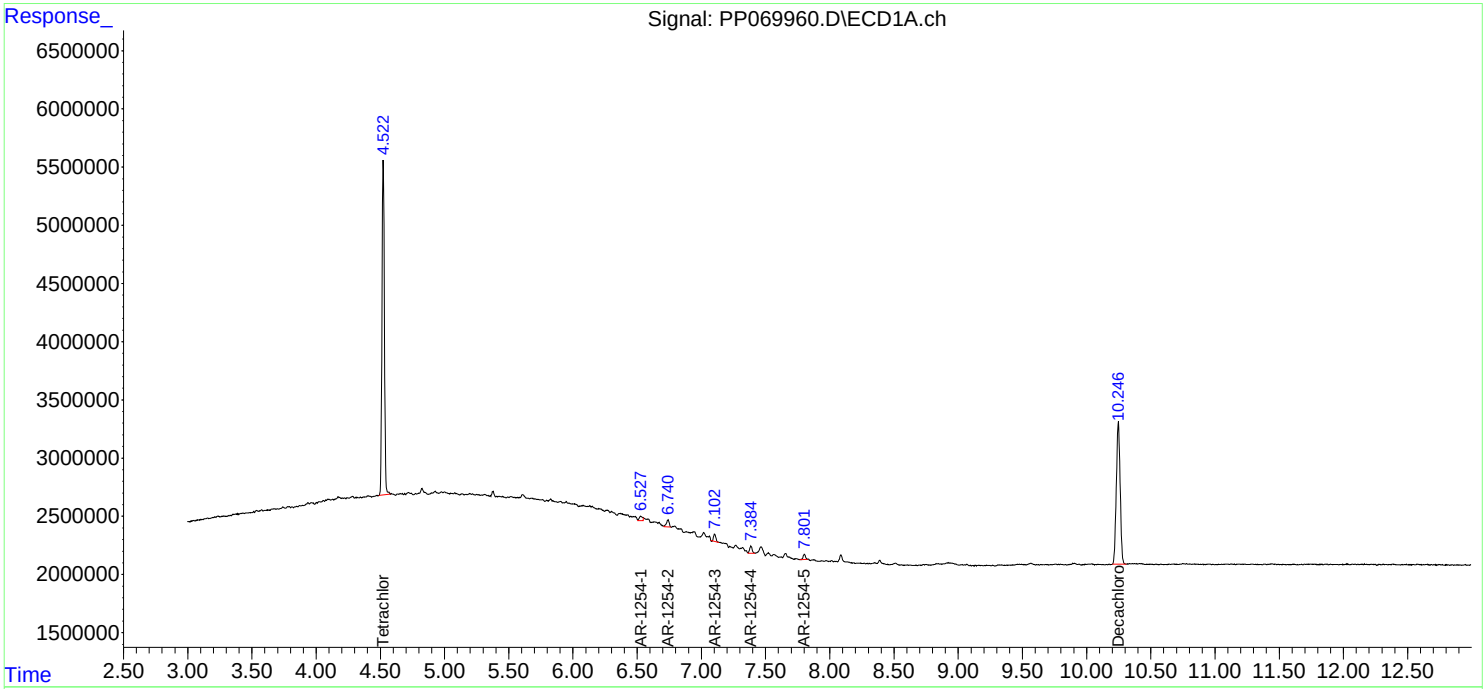
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725

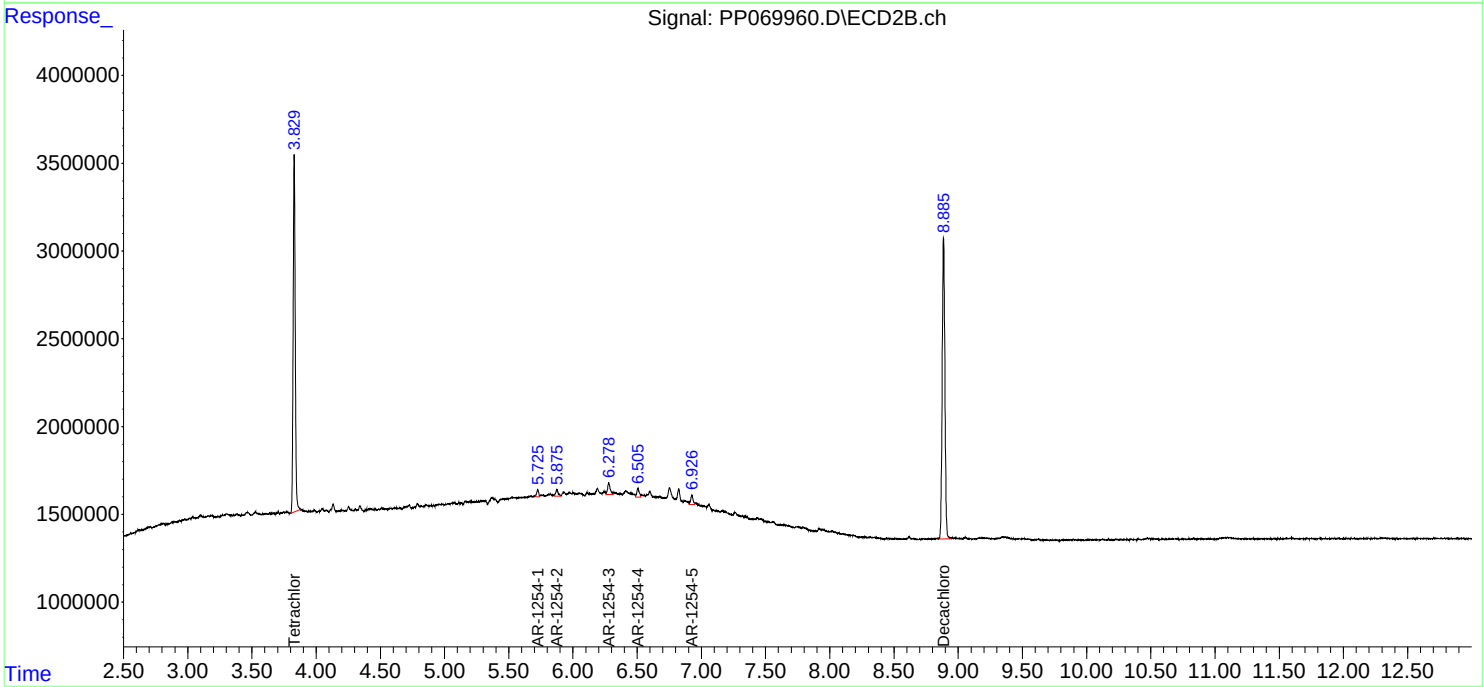
Manual Integrations APPROVED

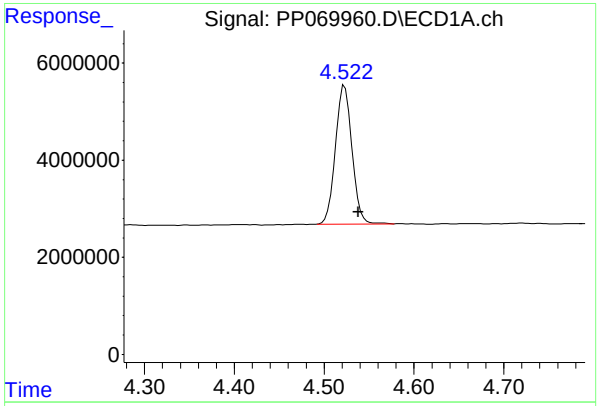
Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 24 00:52:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







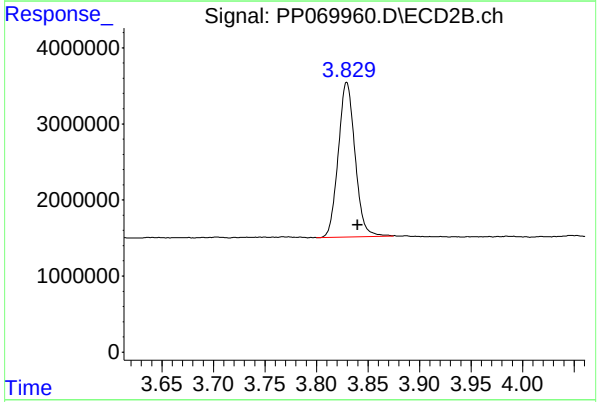
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 36622535
Conc: 25.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725

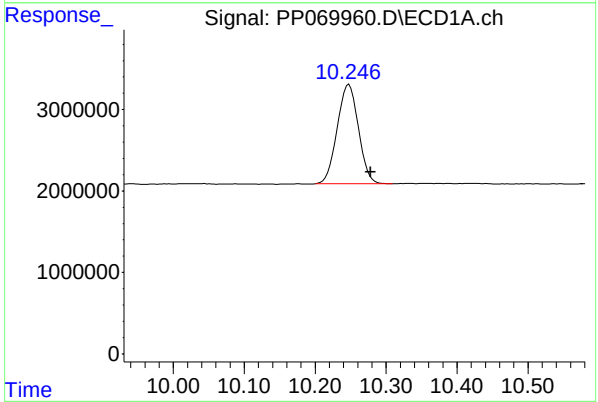
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



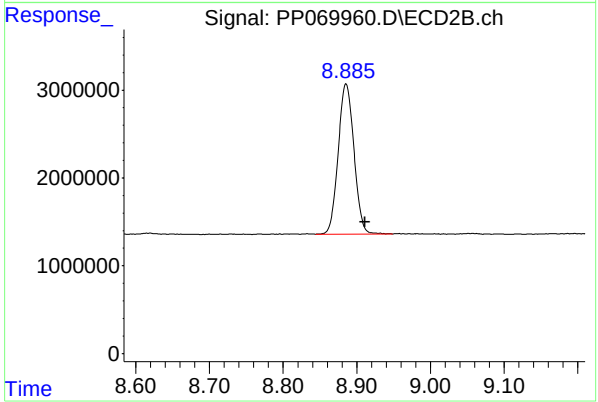
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 22996082
Conc: 25.76 ng/ml m



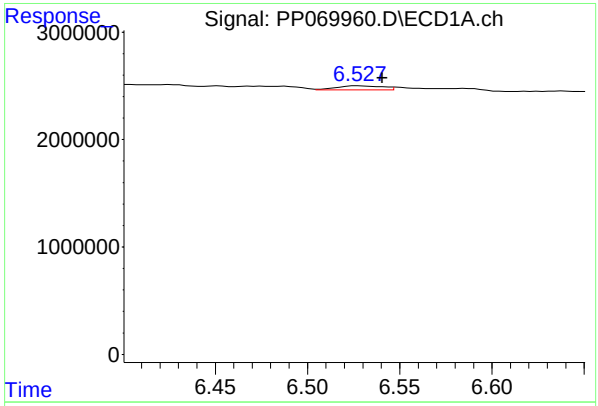
#2 Decachlorobiphenyl

R.T.: 10.248 min
Delta R.T.: -0.031 min
Response: 25354162
Conc: 23.20 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.885 min
Delta R.T.: -0.026 min
Response: 25497736
Conc: 22.80 ng/ml



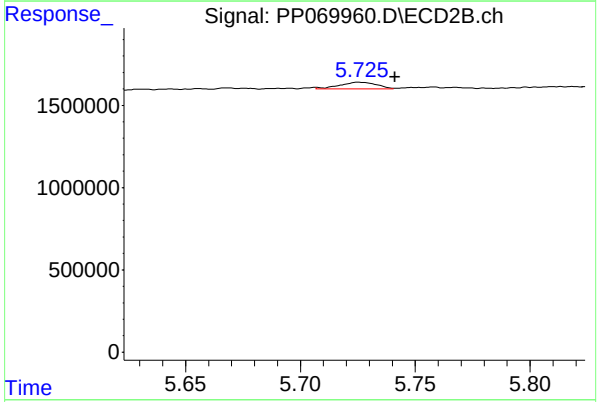
#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: -0.014 mi
Response: 603978
Conc: 10.44 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725

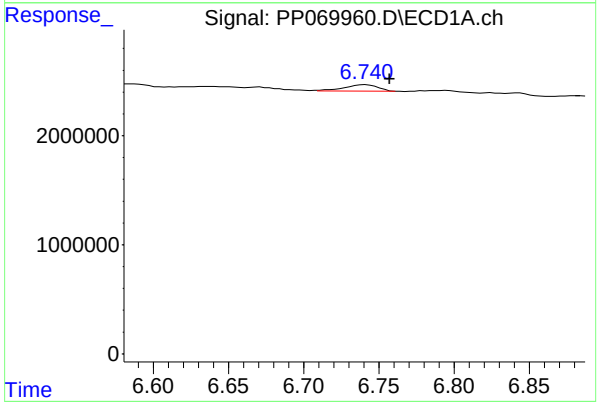
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



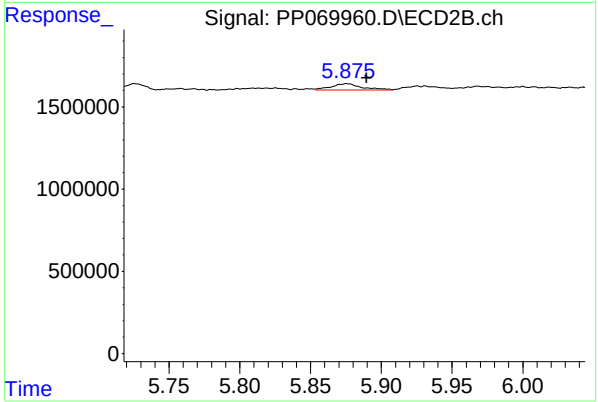
#26 AR-1254-1

R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 465296
Conc: 8.45 ng/ml m



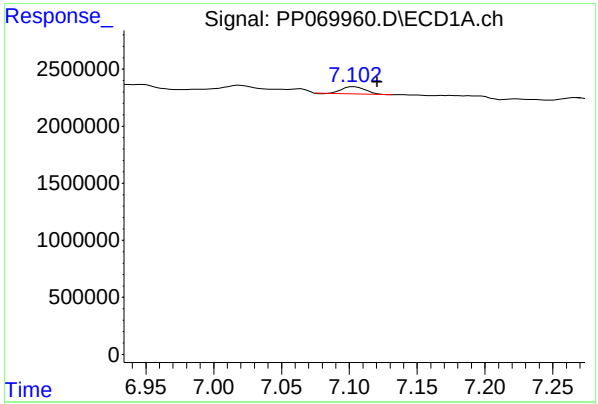
#27 AR-1254-2

R.T.: 6.740 min
Delta R.T.: -0.017 min
Response: 929849
Conc: 11.59 ng/ml m



#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 560892
Conc: 11.60 ng/ml m



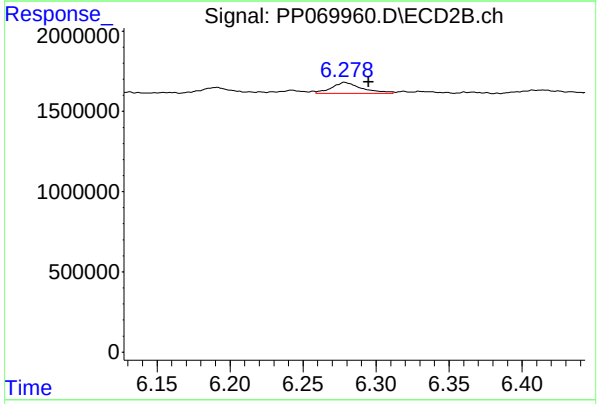
#28 AR-1254-3

R.T.: 7.102 min
Delta R.T.: -0.018 mi
Response: 773333
Conc: 9.17 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725

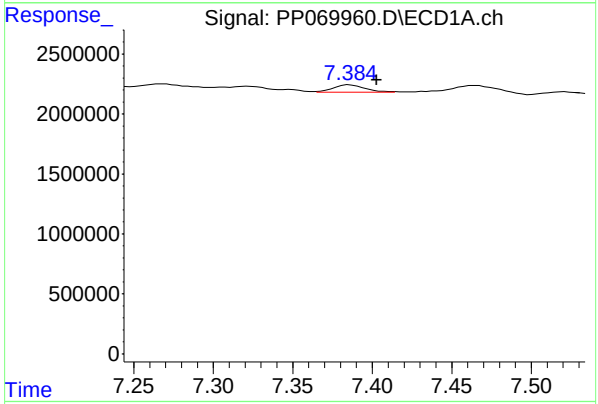
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



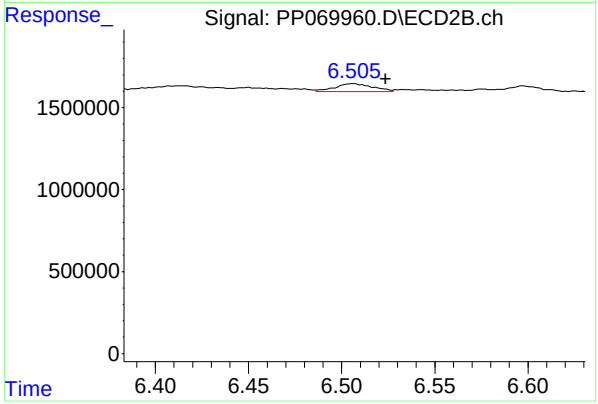
#28 AR-1254-3

R.T.: 6.278 min
Delta R.T.: -0.017 min
Response: 994629
Conc: 13.11 ng/ml m



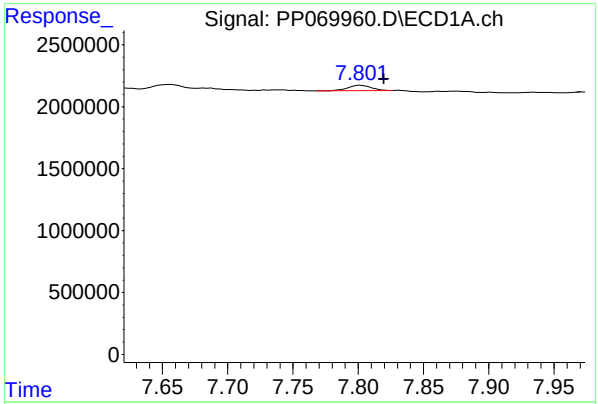
#29 AR-1254-4

R.T.: 7.384 min
Delta R.T.: -0.018 min
Response: 832562
Conc: 12.21 ng/ml m



#29 AR-1254-4

R.T.: 6.506 min
Delta R.T.: -0.018 min
Response: 678008
Conc: 13.23 ng/ml



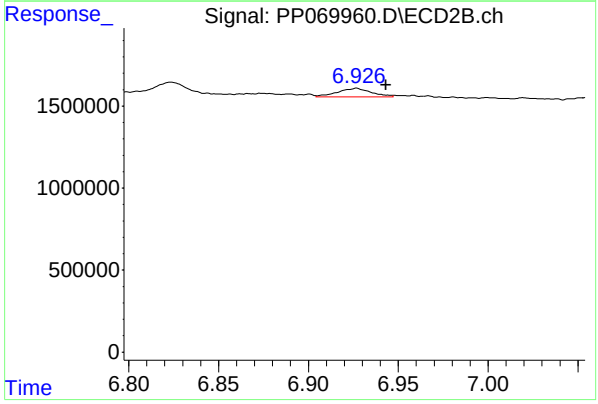
#30 AR-1254-5

R.T.: 7.802 min
Delta R.T.: -0.018 mi
Response: 549263
Conc: 8.07 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



#30 AR-1254-5

R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 670584
Conc: 10.07 ng/ml m

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-15-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-09	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.5 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069871.D	1	02/19/25 09:40	02/20/25 00:21	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	20.4		2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	26.6	*	44 - 130		133%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.9		60 - 125		119%	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\PP021925\
Data File : PP069871.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 00:21
Operator : YP\AJ
Sample : Q1383-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:31:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.829	38066491	23696310	26.592	26.549m
2)	SA Decachlor...	10.252	8.887	26084782	26344483	23.868	23.554
	Target Compounds						
26)	L6 AR-1254-1	6.525	5.725	1997935	3064473	34.528m	55.661m#
27)	L6 AR-1254-2	6.743	5.873	4920553	2775964	61.322	57.392m
28)	L6 AR-1254-3	7.105	6.279	4571916	4452060	54.241	58.660m
29)	L6 AR-1254-4	7.388	6.507	4399277	3444729	64.517	67.215m
30)	L6 AR-1254-5	7.803	6.926	3218079	3012479	47.293m	45.259m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069871.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 00:21
Operator : YP\AJ
Sample : Q1383-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

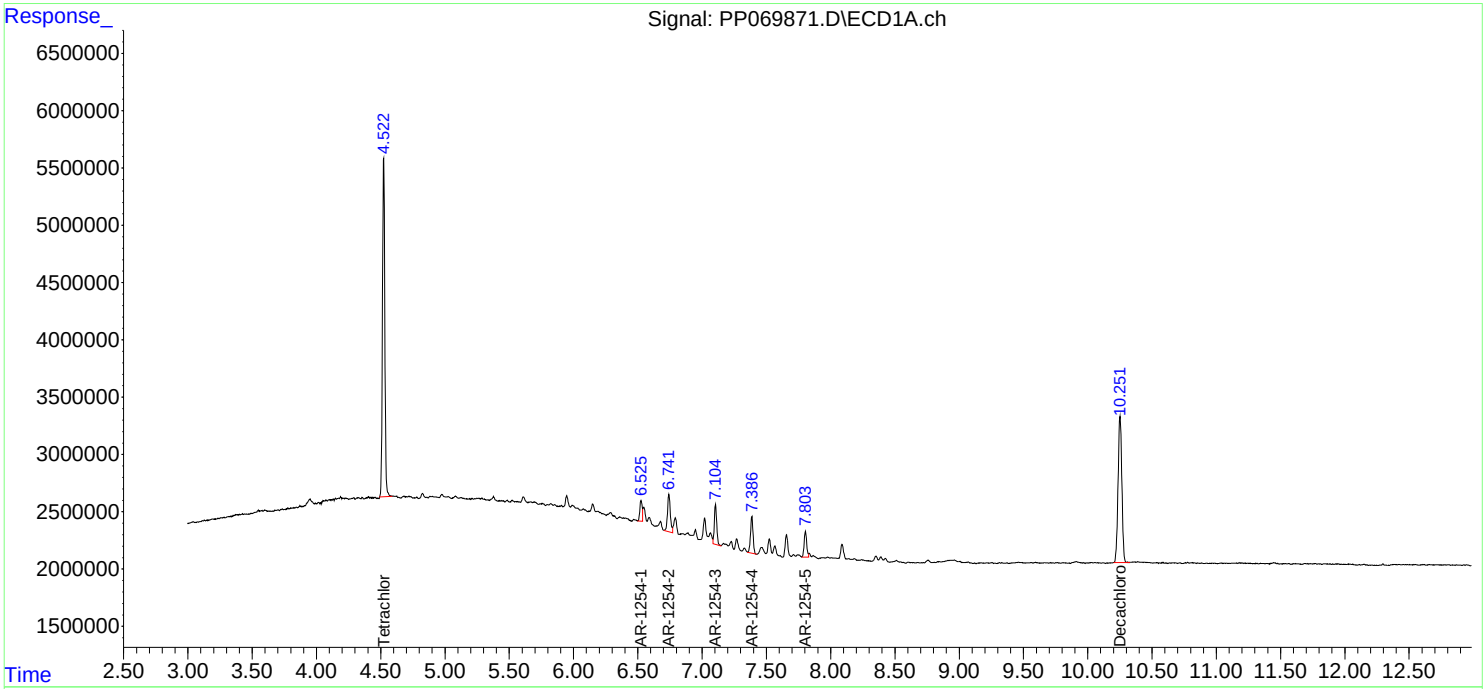
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725

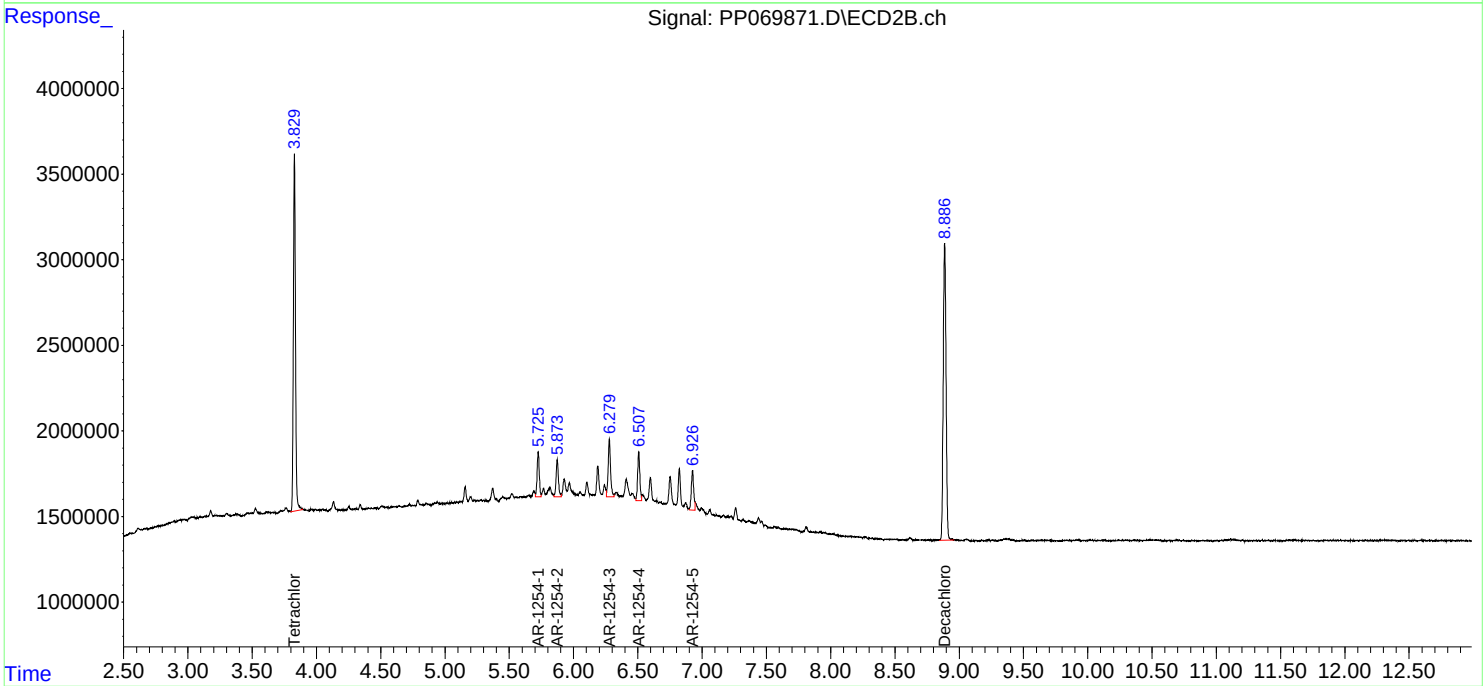
Manual Integrations APPROVED

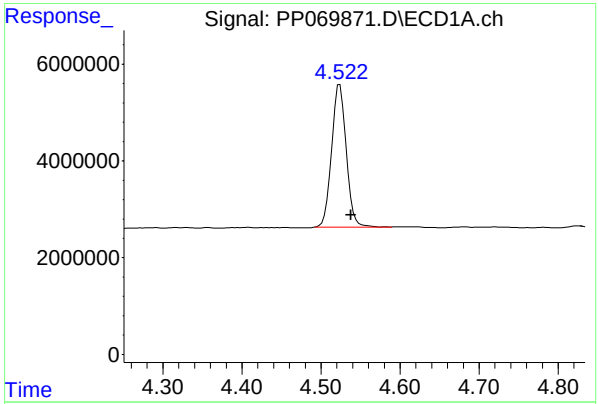
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:31:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







#1 Tetrachloro-m-xylene

R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 38066491
Conc: 26.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725

Manual Integrations APPROVED

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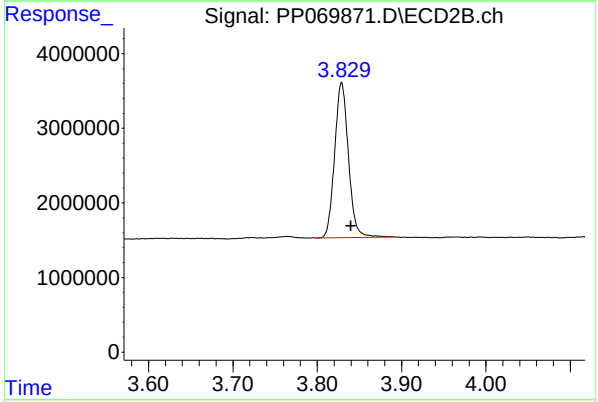
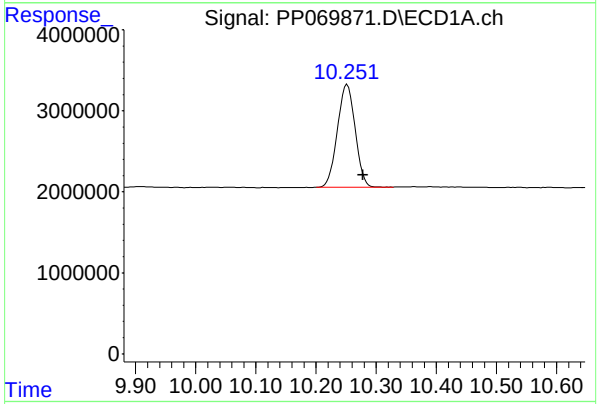


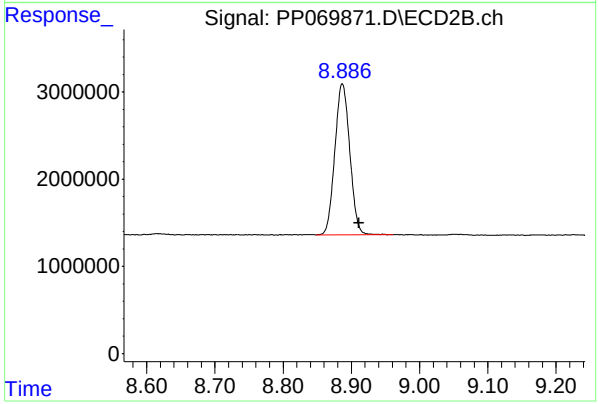
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 23696310
Conc: 26.55 ng/ml m



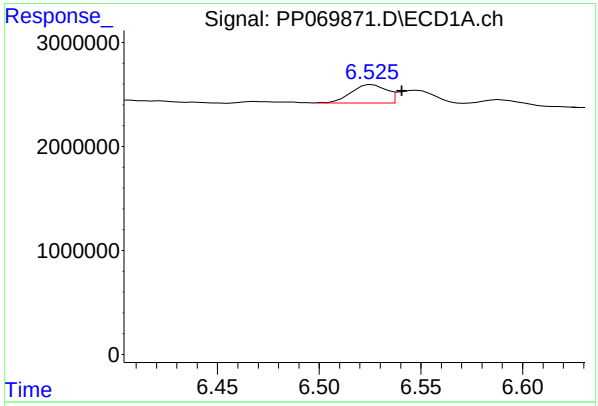
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 26084782
Conc: 23.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26344483
Conc: 23.55 ng/ml



#26 AR-1254-1

R.T.: 6.525 min
Delta R.T.: -0.016 mi
Response: 1997935
Conc: 34.53 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
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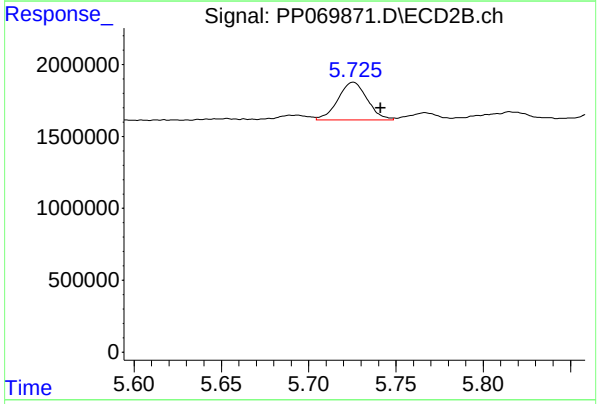
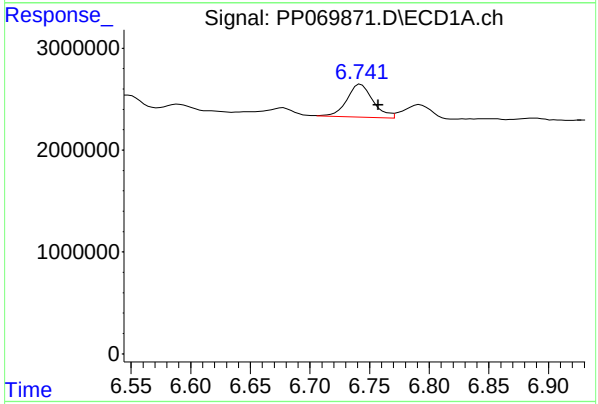


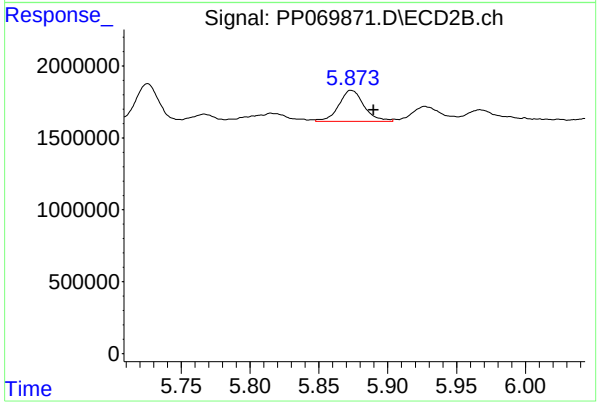
#26 AR-1254-1

R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 3064473
Conc: 55.66 ng/ml m



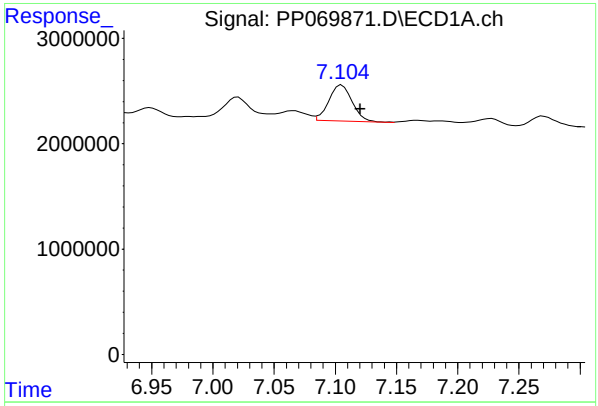
#27 AR-1254-2

R.T.: 6.743 min
Delta R.T.: -0.015 min
Response: 4920553
Conc: 61.32 ng/ml



#27 AR-1254-2

R.T.: 5.873 min
Delta R.T.: -0.017 min
Response: 2775964
Conc: 57.39 ng/ml m



#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 4571916
Conc: 54.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725

Manual Integrations APPROVED

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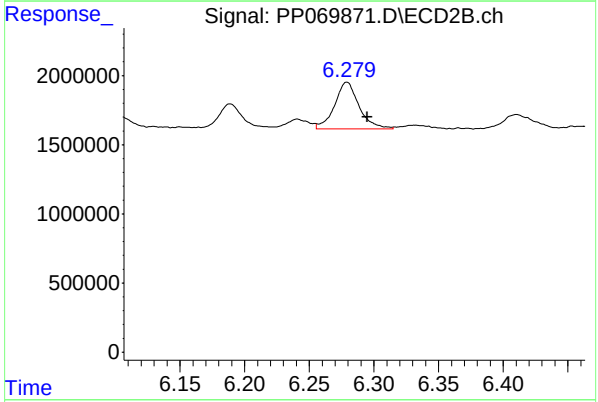
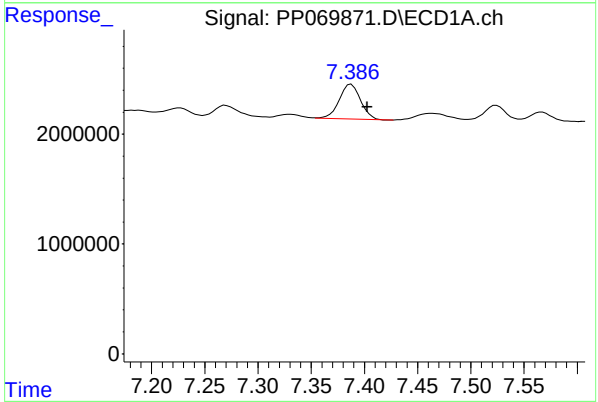


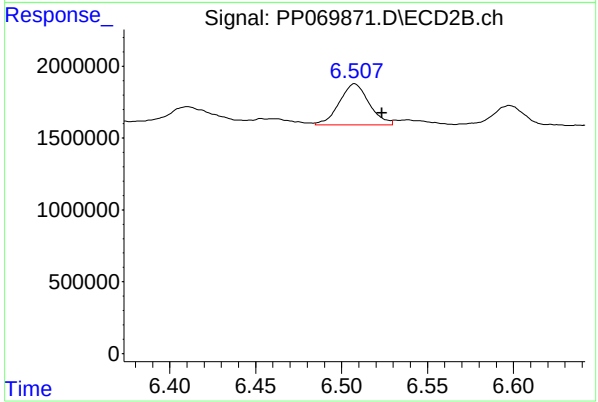
#28 AR-1254-3

R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 4452060
Conc: 58.66 ng/ml m



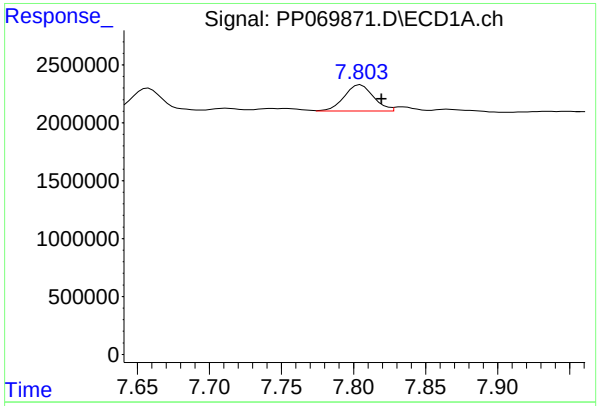
#29 AR-1254-4

R.T.: 7.388 min
Delta R.T.: -0.015 min
Response: 4399277
Conc: 64.52 ng/ml



#29 AR-1254-4

R.T.: 6.507 min
Delta R.T.: -0.016 min
Response: 3444729
Conc: 67.21 ng/ml m



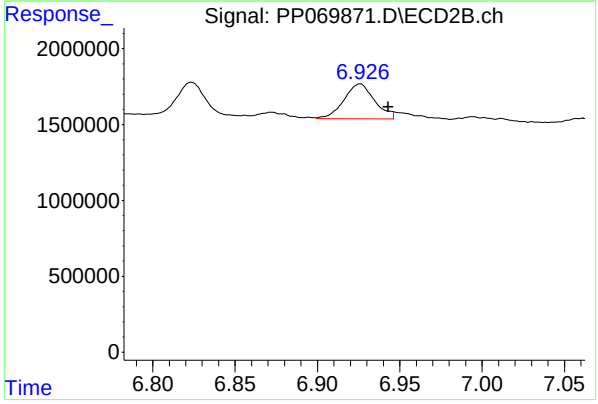
#30 AR-1254-5

R.T.: 7.803 min
Delta R.T.: -0.016 mi
Response: 3218079
Conc: 47.29 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



#30 AR-1254-5

R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 3012479
Conc: 45.26 ng/ml m

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-15-021725RE	SDG No.:	Q1383
Lab Sample ID:	Q1383-09RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.5 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069941.D	1	02/19/25 09:40	02/20/25 23:54	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	21.4		2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.8	*	44 - 130		139%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.0		60 - 125		125%	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\PP022025\
Data File : PP069941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:54
Operator : YP\AJ
Sample : Q1383-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:58:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.830	39837849	24481984	27.830	27.430m
2)	SA Decachlor...	10.251	8.889	27288071	26713661	24.969	23.884
	Target Compounds						
26)	L6 AR-1254-1	6.527	5.727	2202359	2819547	38.061m	51.213m#
27)	L6 AR-1254-2	6.741	5.875	4693742	2380431	58.495m	49.214m
28)	L6 AR-1254-3	7.102	6.280	6463007	3967513	76.677m	52.276m#
29)	L6 AR-1254-4	7.387	6.508	5490499	3389573	80.520m	66.138m
30)	L6 AR-1254-5	7.804	6.929	2977224	3604868	43.753m	54.159

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:54
Operator : YP\AJ
Sample : Q1383-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
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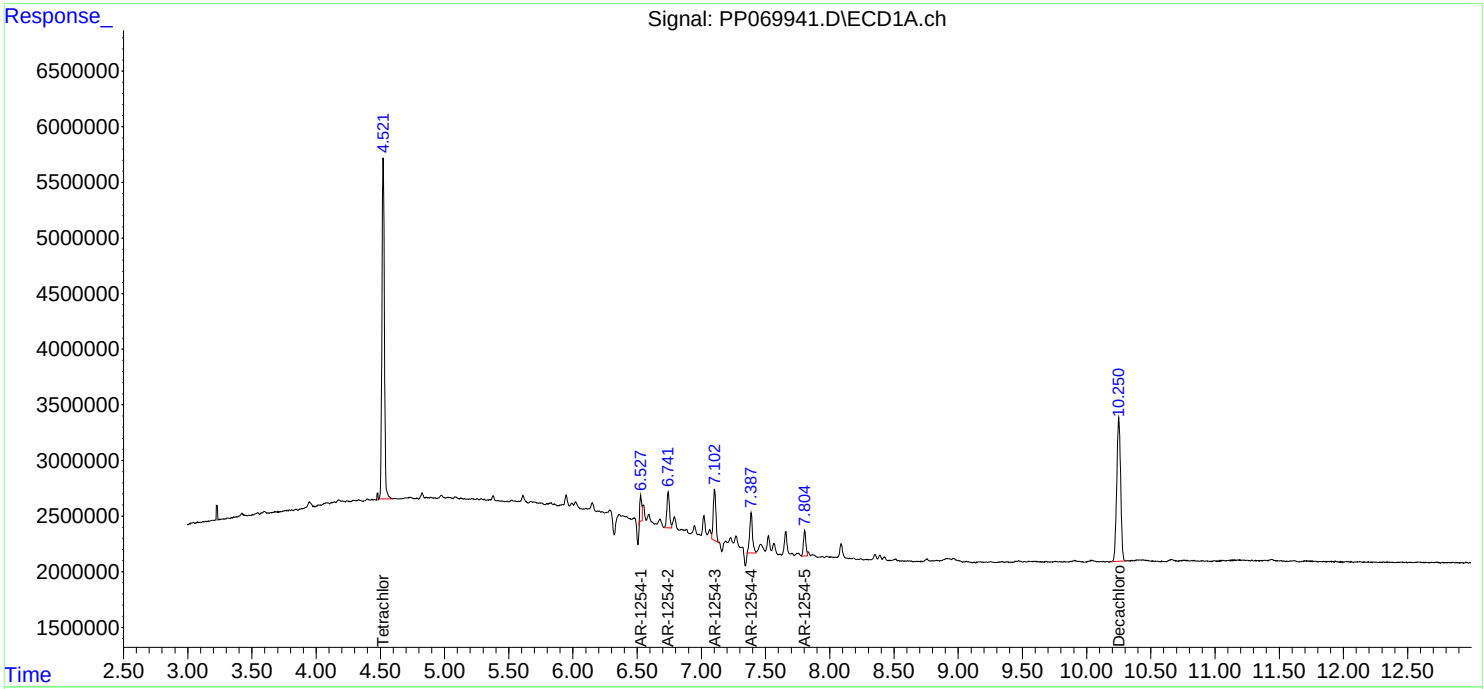
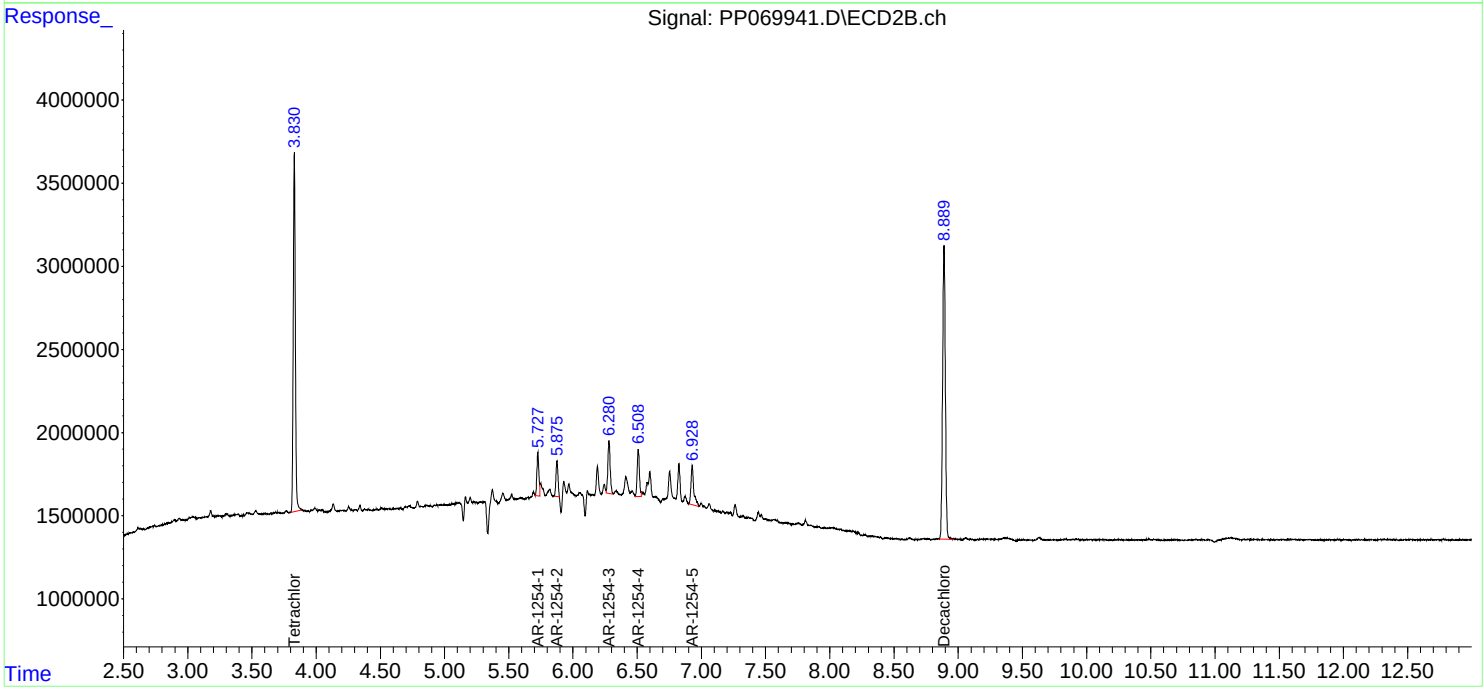
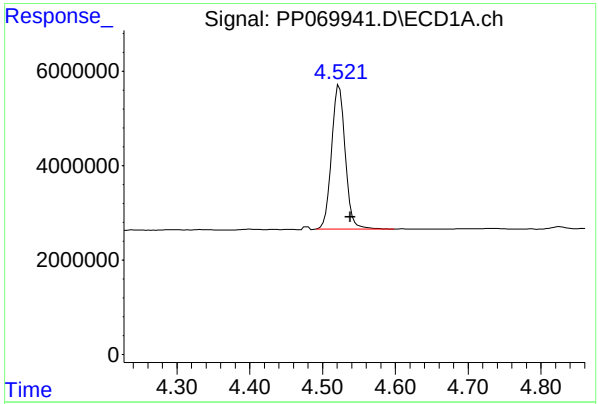
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:58:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 39837849
Conc: 27.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
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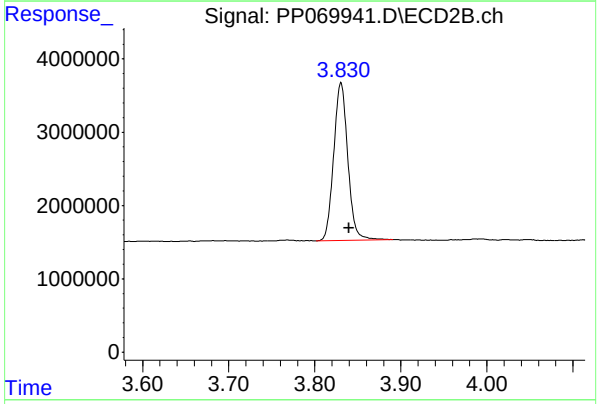
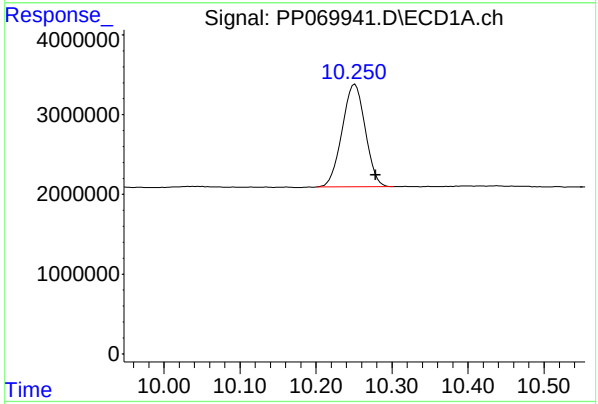


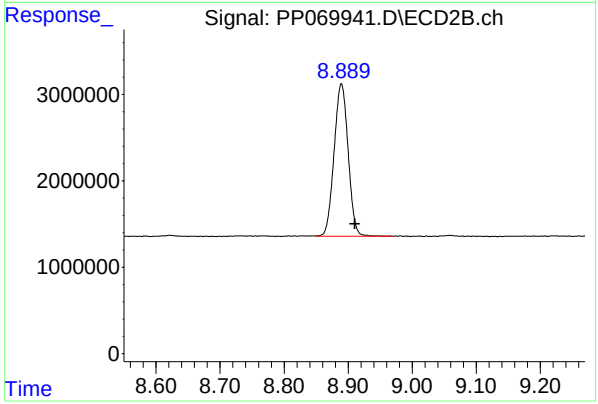
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 24481984
Conc: 27.43 ng/ml m



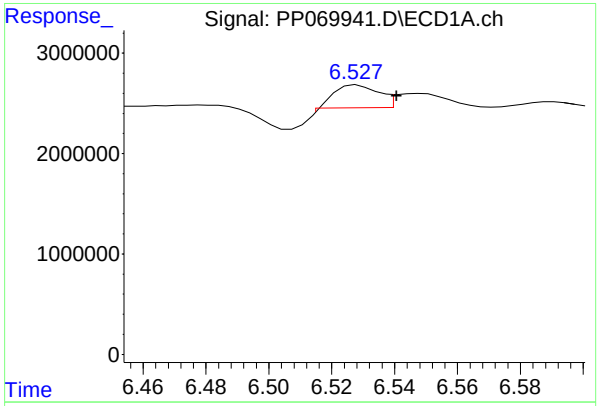
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.027 min
Response: 27288071
Conc: 24.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 26713661
Conc: 23.88 ng/ml



#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: -0.014 mi
Response: 2202359
Conc: 38.06 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE

Manual Integrations
APPROVED

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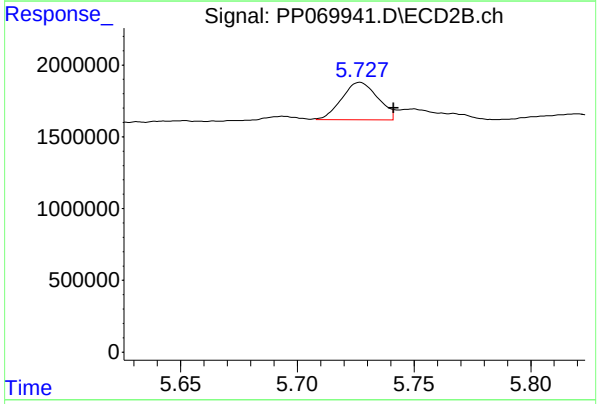
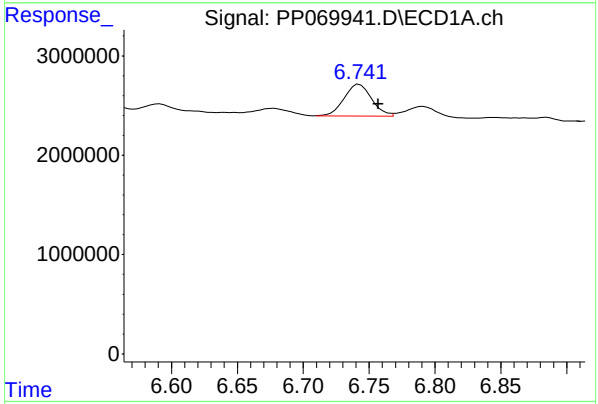


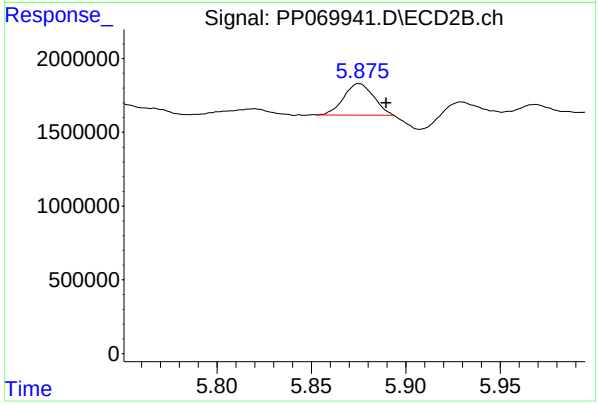
#26 AR-1254-1

R.T.: 5.727 min
Delta R.T.: -0.015 min
Response: 2819547
Conc: 51.21 ng/ml m



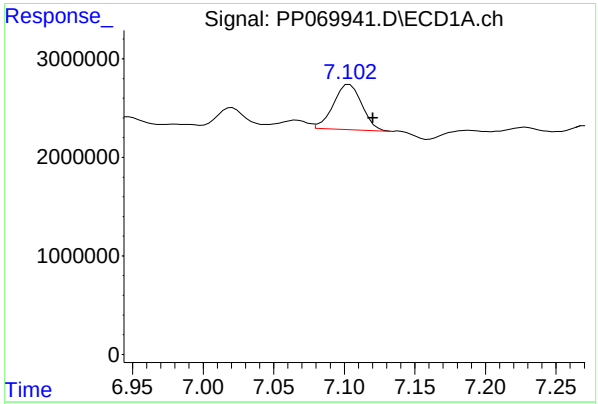
#27 AR-1254-2

R.T.: 6.741 min
Delta R.T.: -0.016 min
Response: 4693742
Conc: 58.49 ng/ml m



#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 2380431
Conc: 49.21 ng/ml m



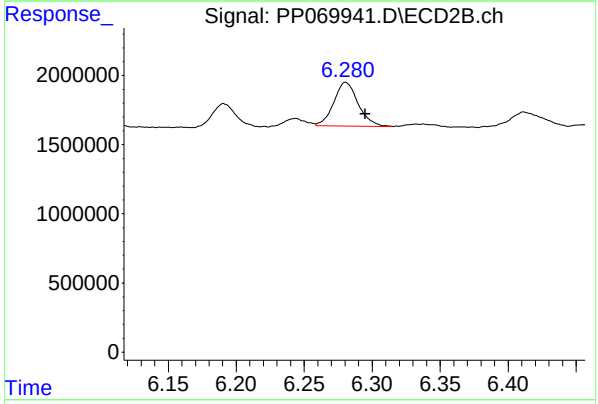
#28 AR-1254-3

R.T.: 7.102 min
Delta R.T.: -0.018 mi
Response: 6463007
Conc: 76.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE

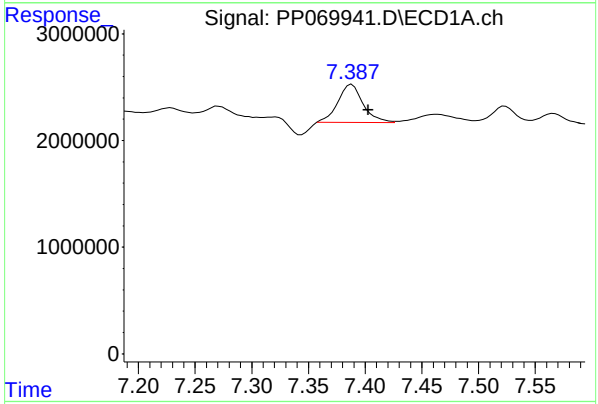
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



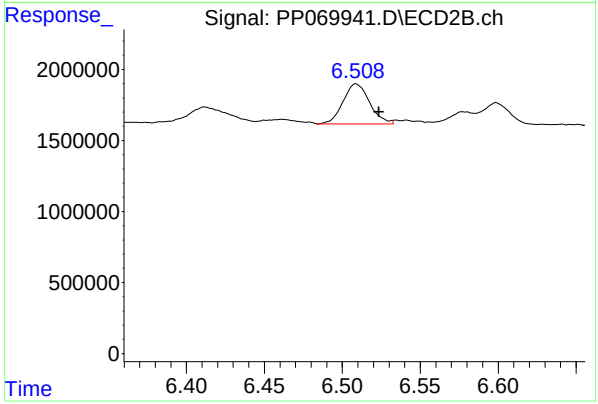
#28 AR-1254-3

R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 3967513
Conc: 52.28 ng/ml m



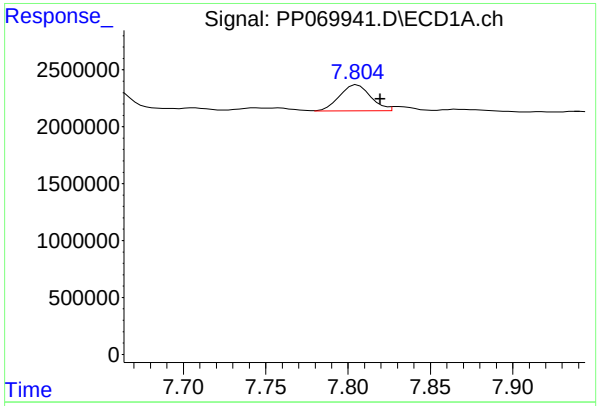
#29 AR-1254-4

R.T.: 7.387 min
Delta R.T.: -0.016 min
Response: 5490499
Conc: 80.52 ng/ml m



#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 3389573
Conc: 66.14 ng/ml m



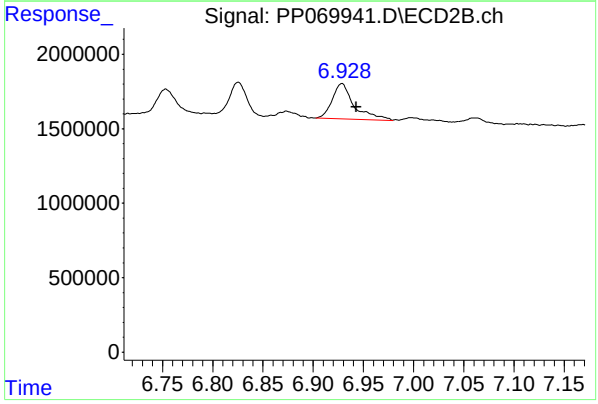
#30 AR-1254-5

R.T.: 7.804 min
Delta R.T.: -0.015 min
Response: 2977224
Conc: 43.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



#30 AR-1254-5

R.T.: 6.929 min
Delta R.T.: -0.015 min
Response: 3604868
Conc: 54.16 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-16-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-11	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.1 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069946.D	1	02/19/25 09:40	02/21/25 01:15	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.1	U	6.90	14.1	18.4	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.60	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	14.1	U	3.00	14.1	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.6		44 - 130		128%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.5		60 - 125		117%	SPK: 20

Comments:

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:15
Operator : YP\AJ
Sample : Q1383-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:59:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.522	3.830	36708618	22536850	25.644	25.250m
2)	SA Decachlor...	10.250	8.887	25212834	26277376	23.070	23.494
	Target Compounds						

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

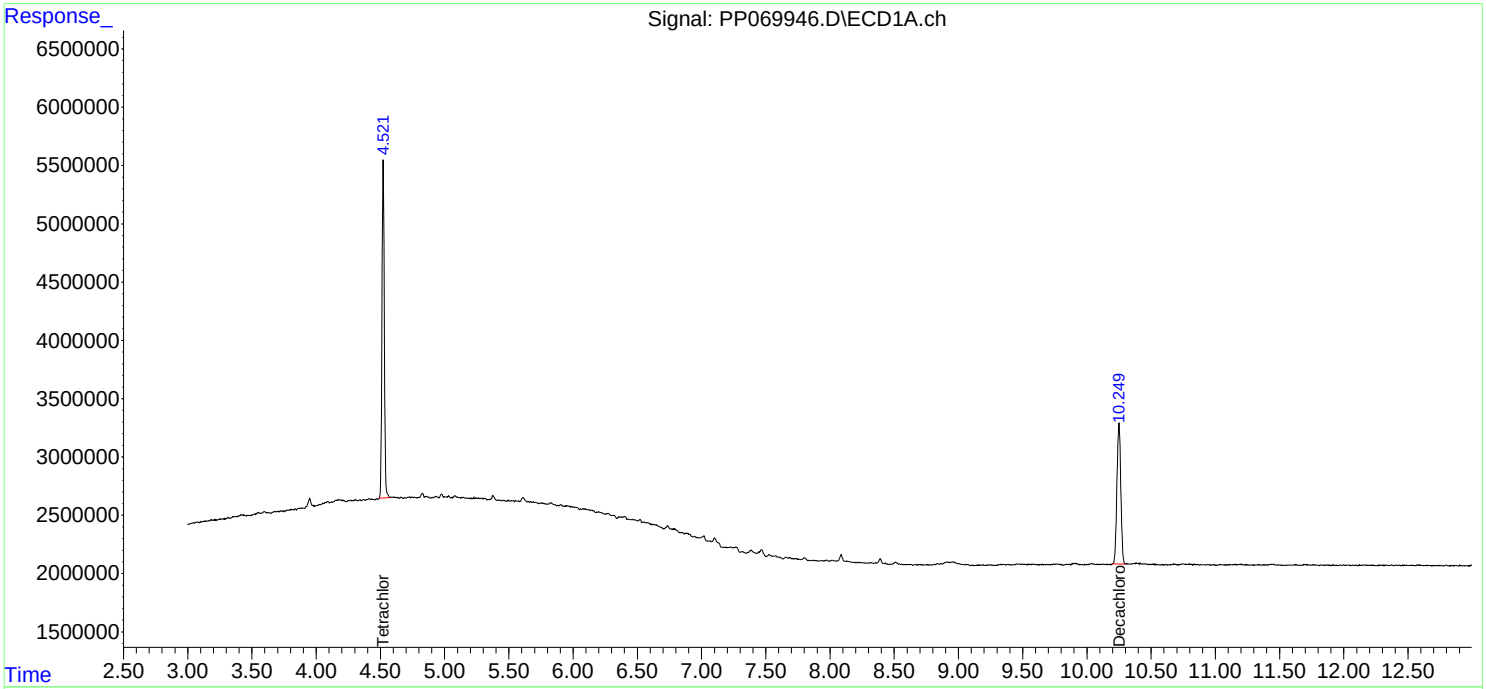
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:15
Operator : YP\AJ
Sample : Q1383-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

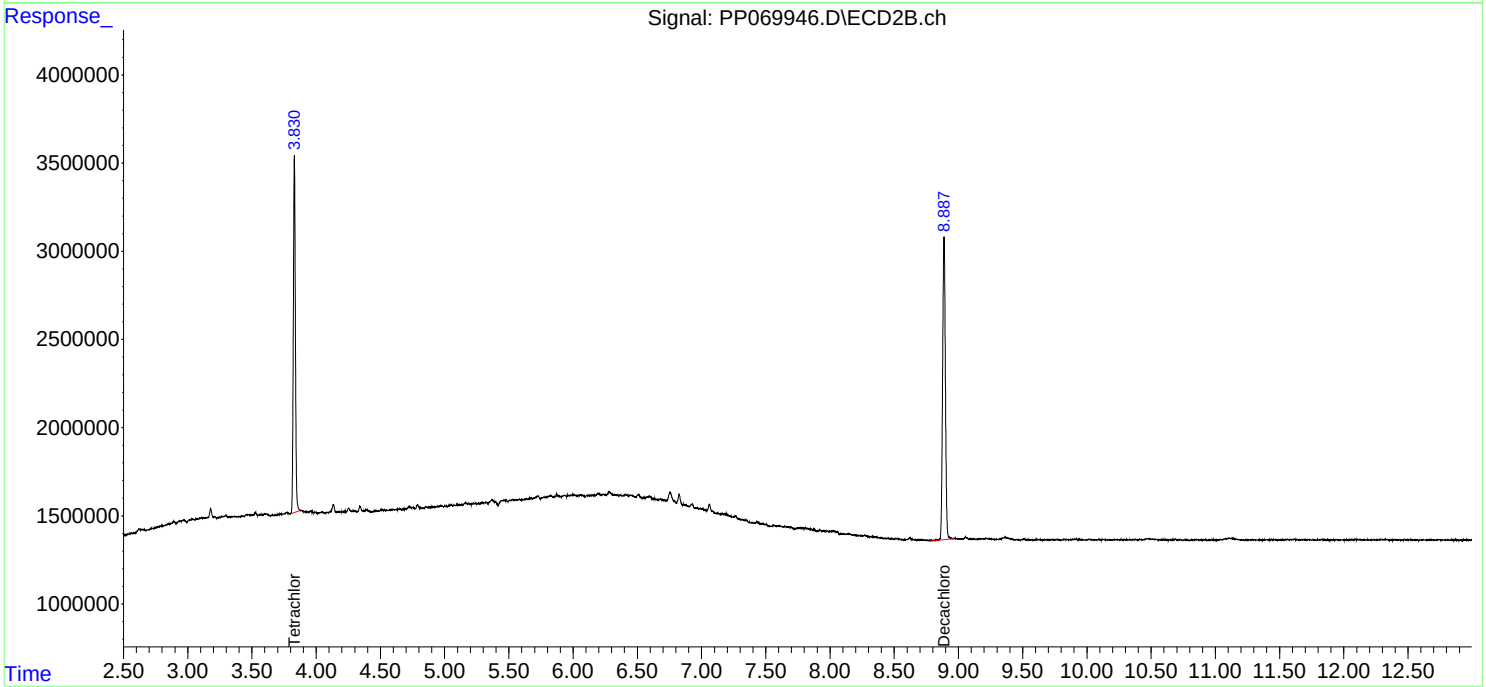
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725

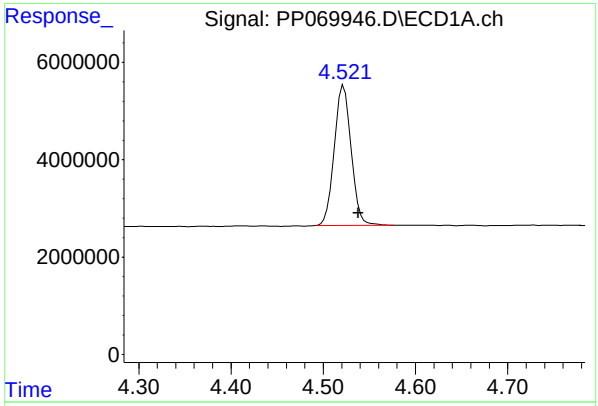
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:59:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







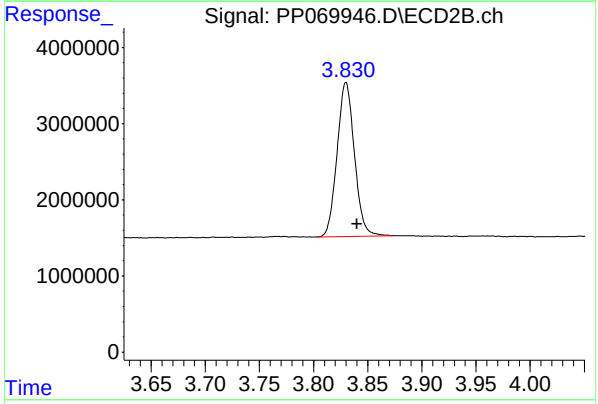
#1 Tetrachloro-m-xylene

R.T.: 4.522 min
Delta R.T.: -0.016 min
Response: 36708618
Conc: 25.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725

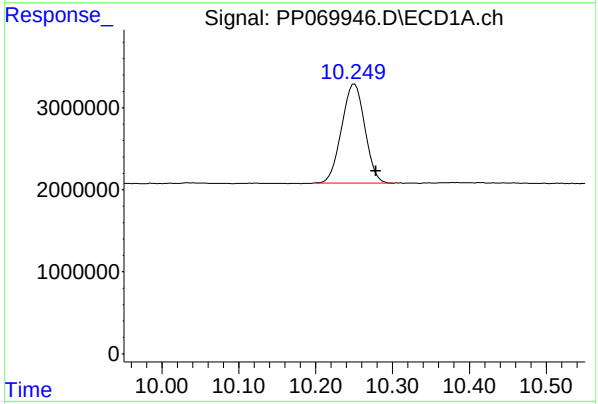
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



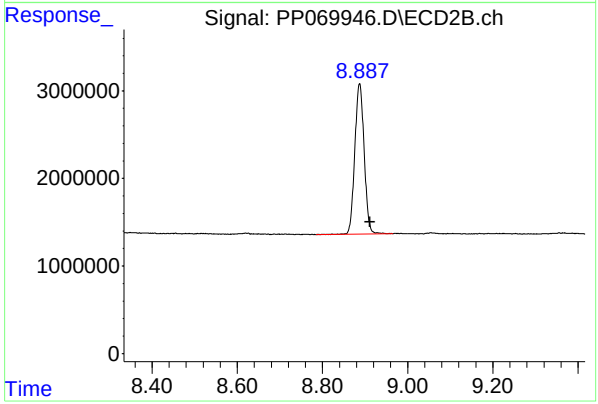
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 22536850
Conc: 25.25 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.028 min
Response: 25212834
Conc: 23.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26277376
Conc: 23.49 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-17-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-13	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.4 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069878.D	1	02/19/25 09:40	02/20/25 03:20	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.10	U	3.70	9.10	18.6	ug/kg
11104-28-2	Aroclor-1221	14.2	U	7.00	14.2	18.6	ug/kg
11141-16-5	Aroclor-1232	14.2	U	3.70	14.2	18.6	ug/kg
53469-21-9	Aroclor-1242	9.10	U	3.70	9.10	18.6	ug/kg
12672-29-6	Aroclor-1248	14.2	U	8.60	14.2	18.6	ug/kg
11097-69-1	Aroclor-1254	14.2	U	3.00	14.2	18.6	ug/kg
37324-23-5	Aroclor-1262	9.10	U	5.00	9.10	18.6	ug/kg
11100-14-4	Aroclor-1268	14.2	U	3.80	14.2	18.6	ug/kg
11096-82-5	Aroclor-1260	9.10	U	3.20	9.10	18.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.1	*	44 - 130		136%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		60 - 125		112%	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\PP021925\
Data File : PP069878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:20
Operator : YP\AJ
Sample : Q1383-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:22:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.527	3.830	38852409	23639519	27.141	26.486m
2)	SA Decachlor...	10.254	8.890	24528730	24727787	22.444	22.108
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:20
Operator : YP\AJ
Sample : Q1383-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

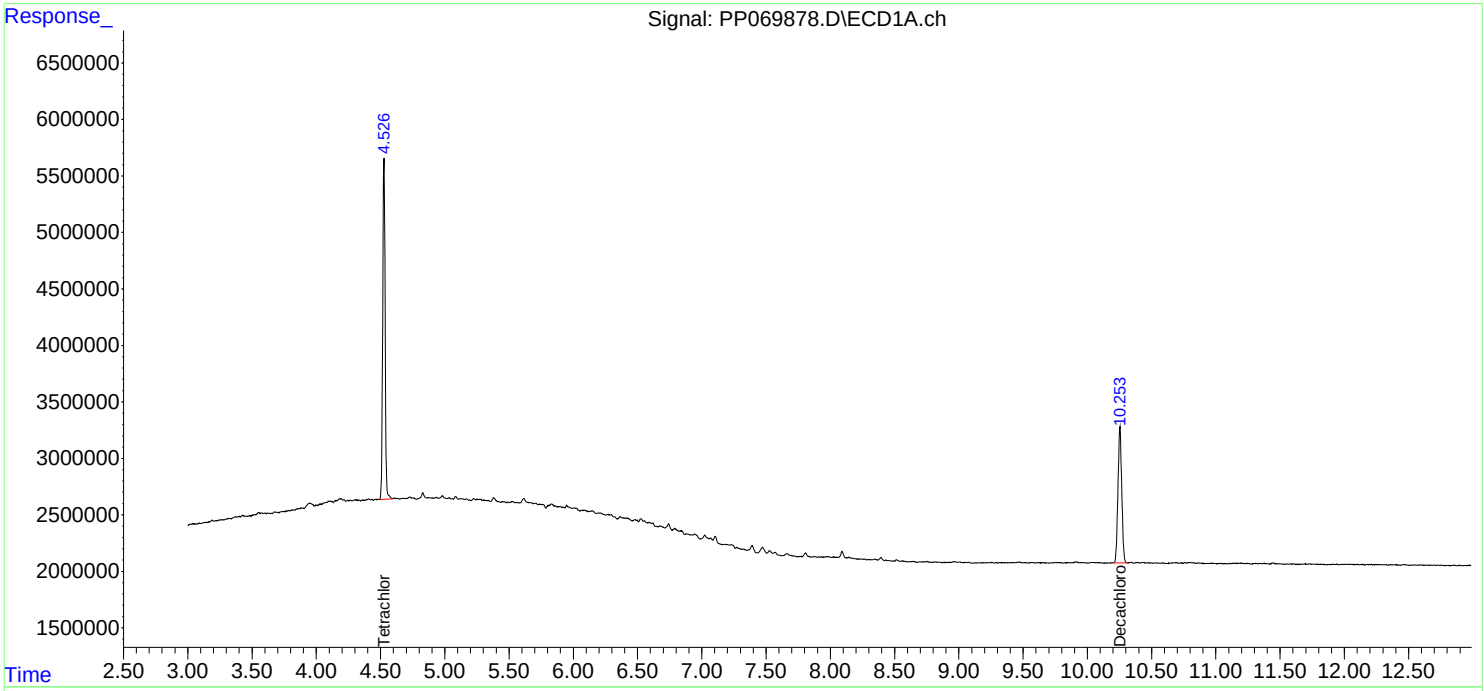
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725

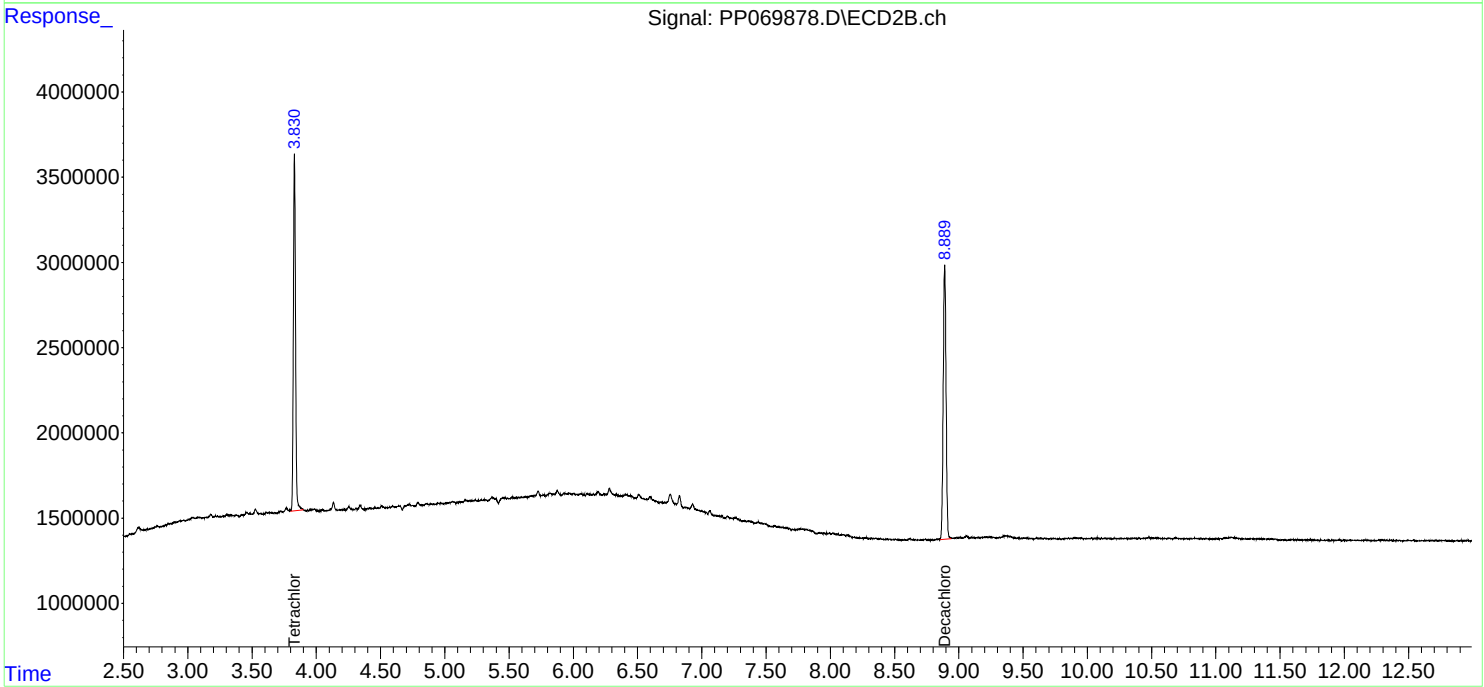
Manual Integrations APPROVED

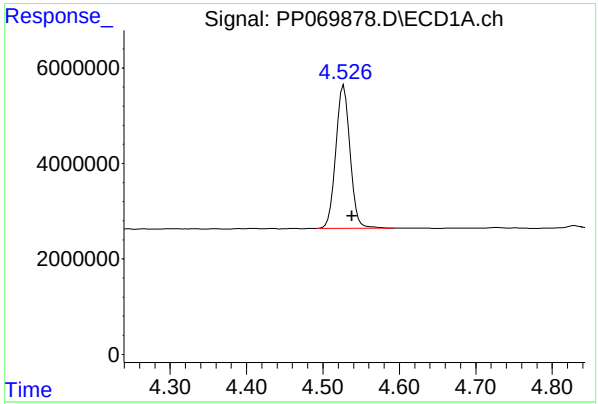
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:22:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







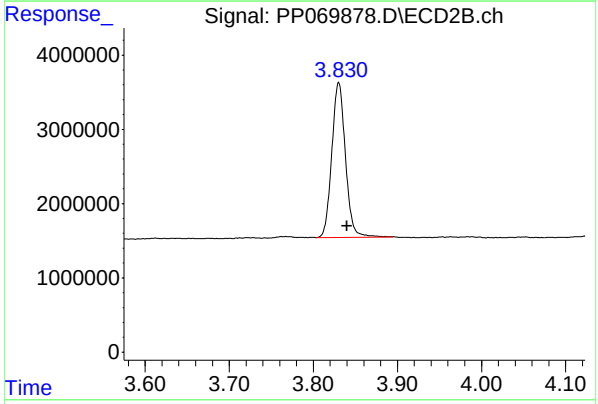
#1 Tetrachloro-m-xylene

R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 38852409
Conc: 27.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725

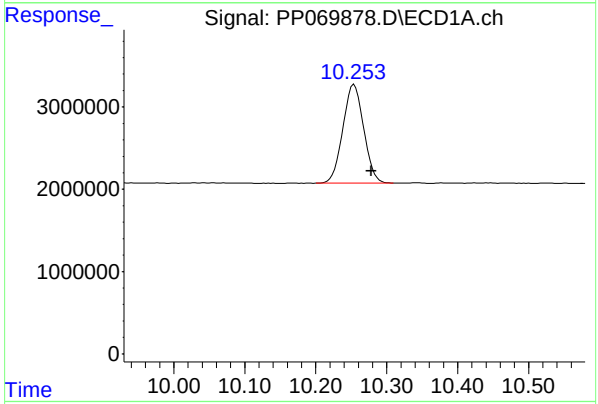
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



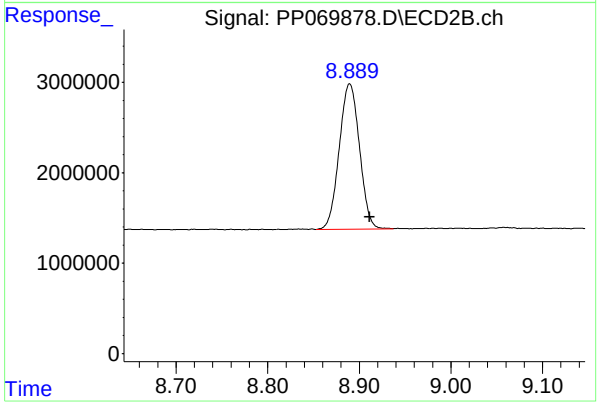
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 23639519
Conc: 26.49 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.025 min
Response: 24528730
Conc: 22.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.890 min
Delta R.T.: -0.022 min
Response: 24727787
Conc: 22.11 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-17-021725RE	SDG No.:	Q1383
Lab Sample ID:	Q1383-13RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.4 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069942.D	1	02/19/25 09:40	02/21/25 00:10	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.10	U	3.70	9.10	18.6	ug/kg
11104-28-2	Aroclor-1221	14.2	U	7.00	14.2	18.6	ug/kg
11141-16-5	Aroclor-1232	14.2	U	3.70	14.2	18.6	ug/kg
53469-21-9	Aroclor-1242	9.10	U	3.70	9.10	18.6	ug/kg
12672-29-6	Aroclor-1248	14.2	U	8.60	14.2	18.6	ug/kg
11097-69-1	Aroclor-1254	14.2	U	3.00	14.2	18.6	ug/kg
37324-23-5	Aroclor-1262	9.10	U	5.00	9.10	18.6	ug/kg
11100-14-4	Aroclor-1268	14.2	U	3.80	14.2	18.6	ug/kg
11096-82-5	Aroclor-1260	9.10	U	3.20	9.10	18.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.5	*	44 - 130		138%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		60 - 125		117%	SPK: 20

Comments:

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:10
Operator : YP\AJ
Sample : Q1383-13RE
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:58:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.829	39381272	23718964	27.511	26.575m
2)	SA Decachlor...	10.253	8.887	25024916	26115107	22.898	23.349
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:10
Operator : YP\AJ
Sample : Q1383-13RE
Misc :
ALS Vial : 32 Sample Multiplier: 1

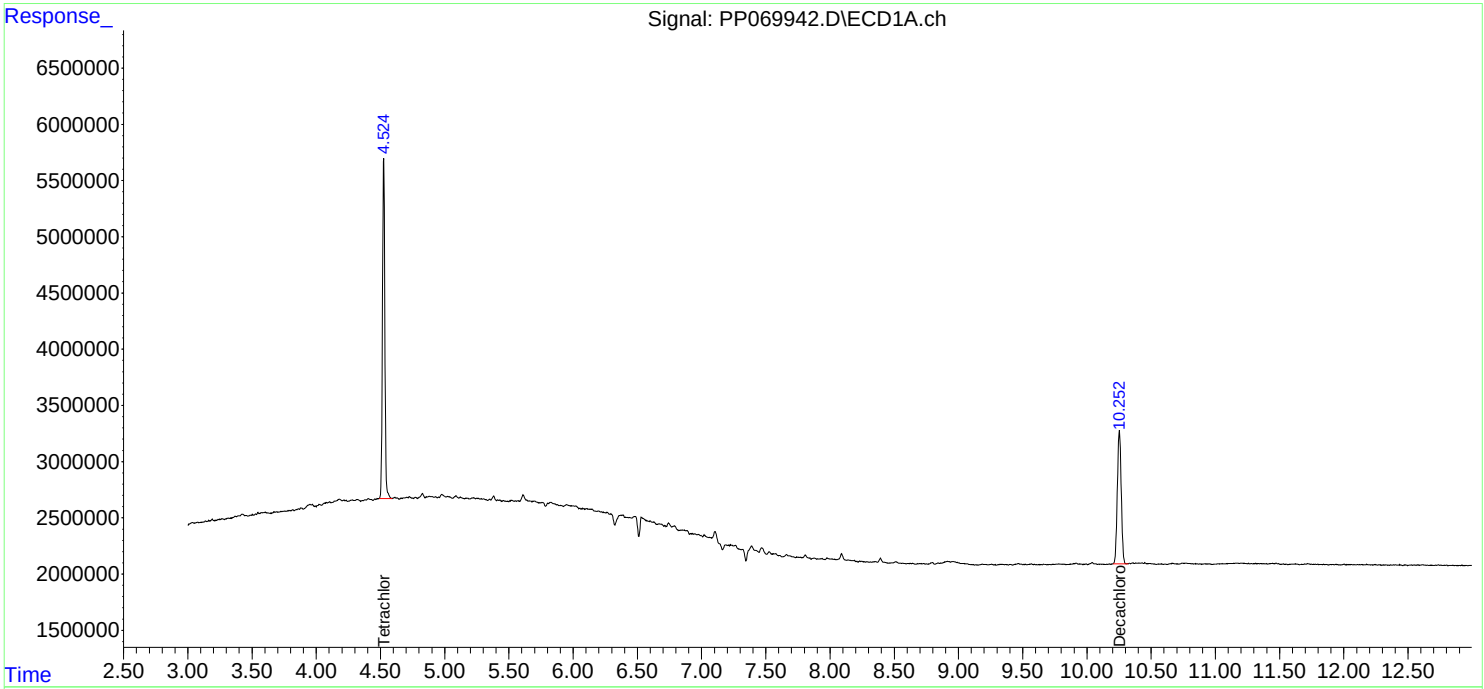
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE

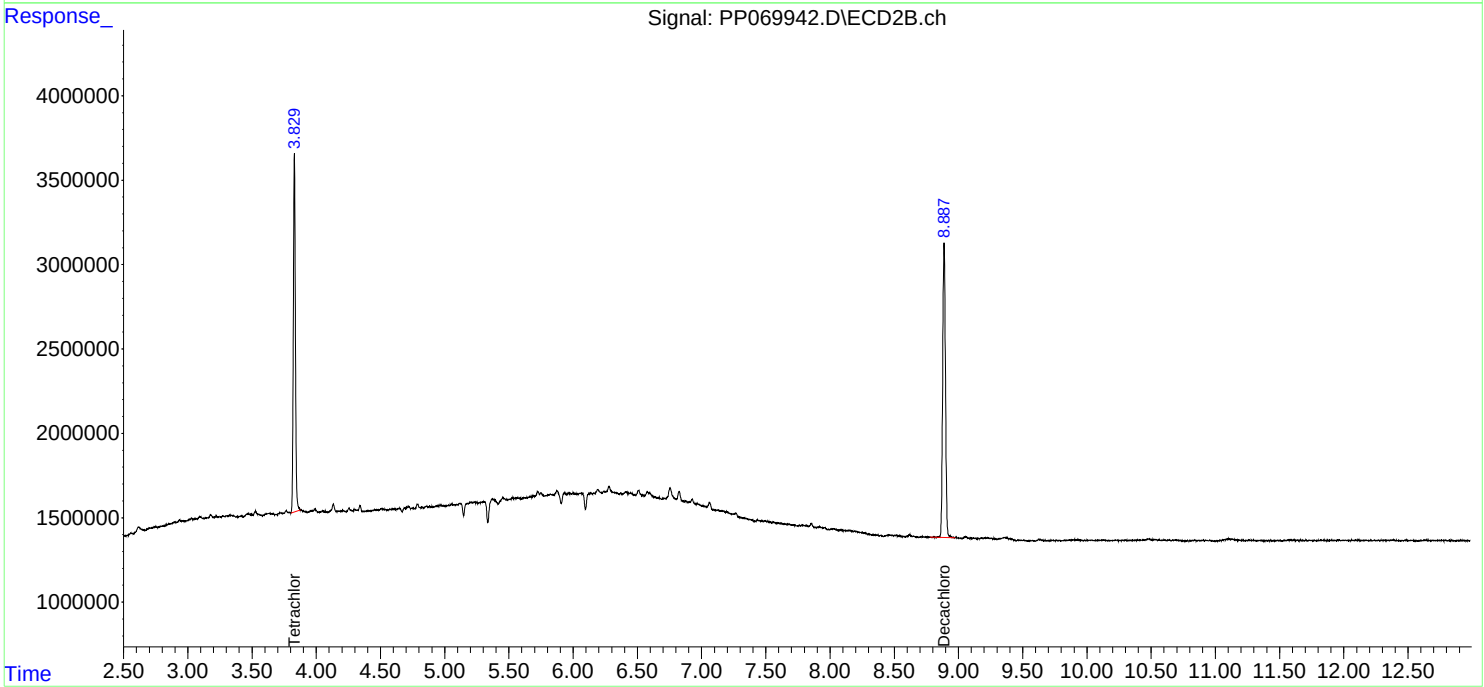
Manual Integrations APPROVED

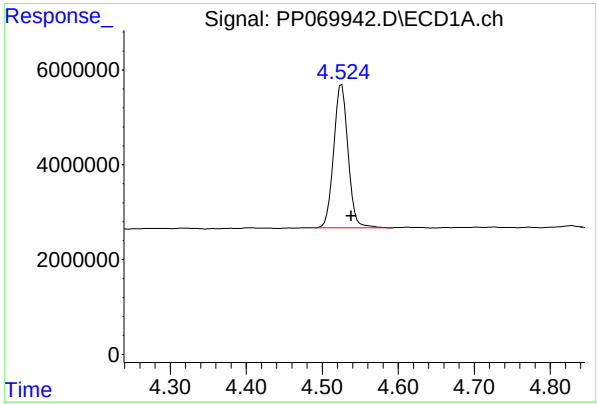
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:58:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







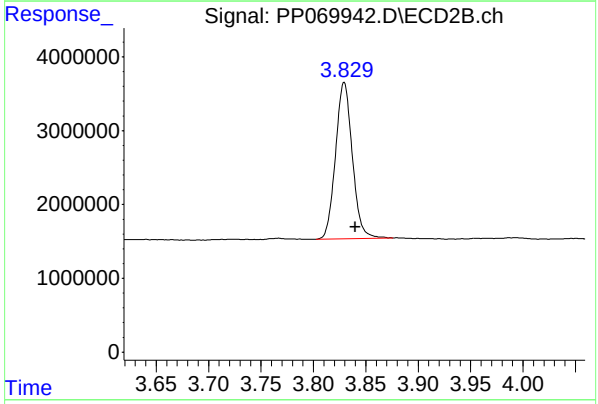
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.012 mi
Response: 39381272
Conc: 27.51 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE

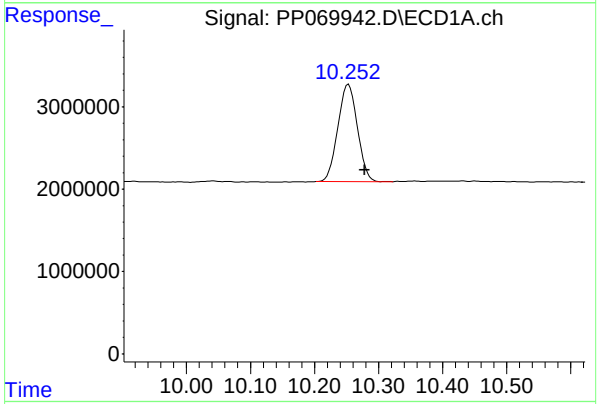
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



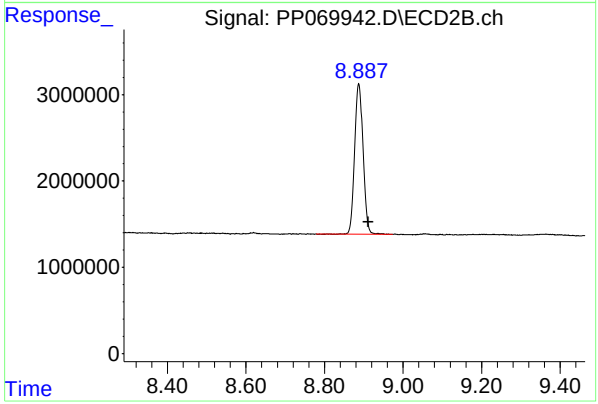
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 23718964
Conc: 26.57 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 25024916
Conc: 22.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26115107
Conc: 23.35 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-18-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-15	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.9 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069879.D	1	02/19/25 09:40	02/20/25 03:36	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.5	ug/kg
11104-28-2	Aroclor-1221	14.1	U	7.00	14.1	18.5	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.5	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.5	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.60	14.1	18.5	ug/kg
11097-69-1	Aroclor-1254	14.1	U	3.00	14.1	18.5	ug/kg
37324-23-5	Aroclor-1262	9.00	U	5.00	9.00	18.5	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.5	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.8		44 - 130		124%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		60 - 125		98%	SPK: 20

Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:36
Operator : YP\AJ
Sample : Q1383-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:22:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.830	35562844	22105816	24.843	24.767m
2)	SA Decachlor...	10.250	8.888	20887434	22017107	19.112	19.685
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:36
Operator : YP\AJ
Sample : Q1383-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

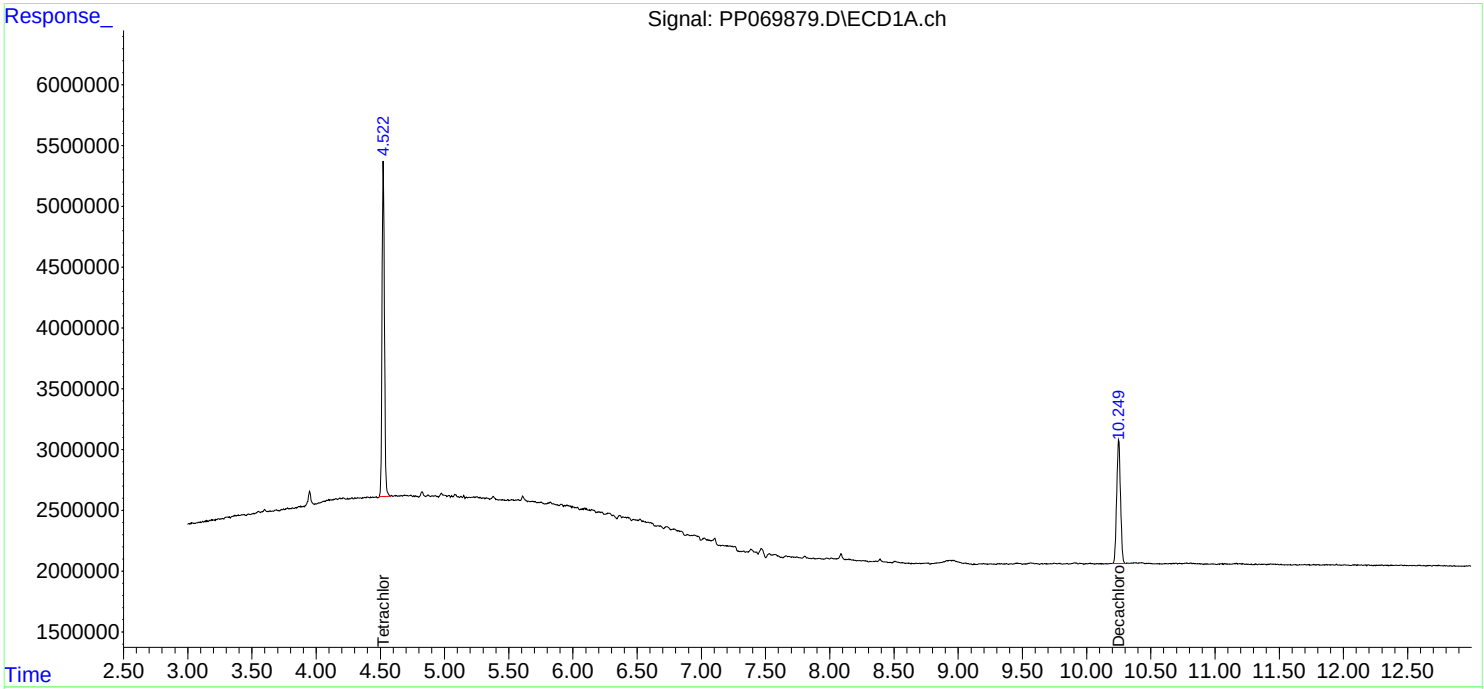
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725

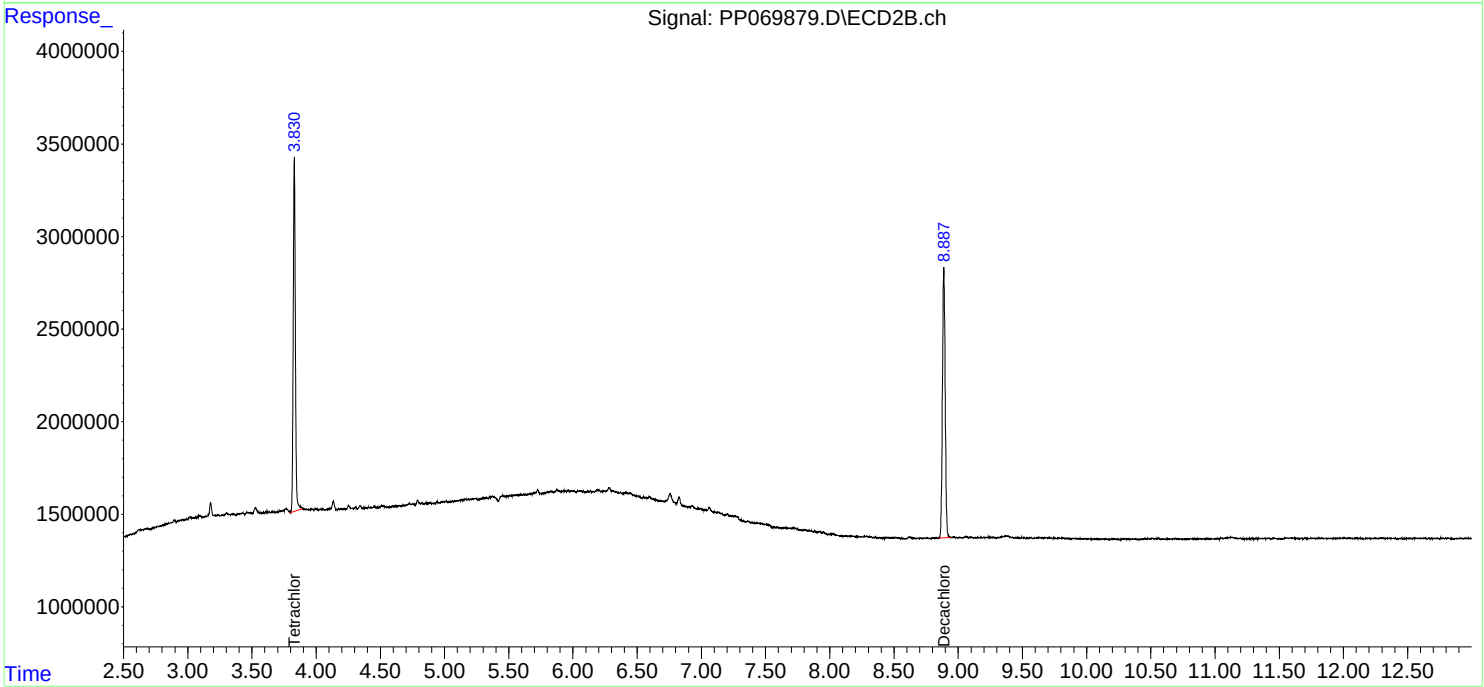
Manual Integrations APPROVED

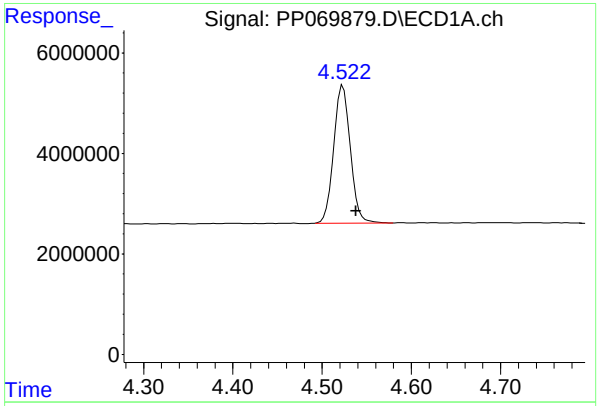
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:22:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







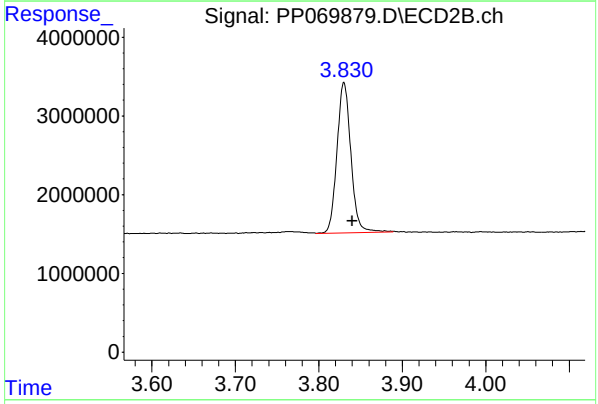
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 35562844
Conc: 24.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725

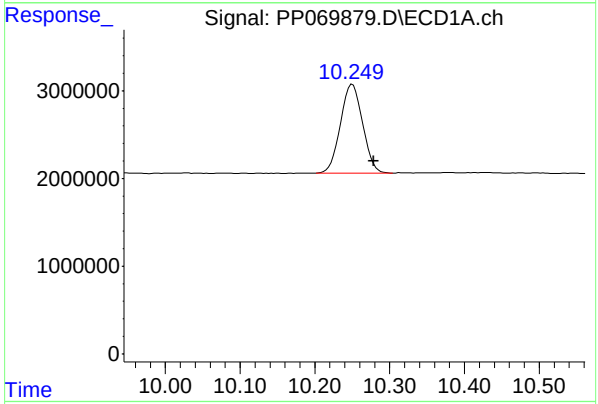
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



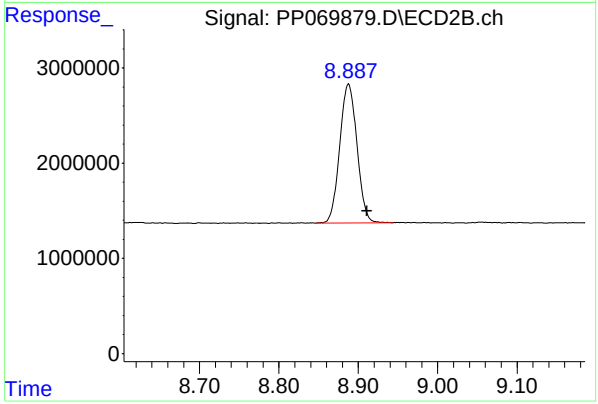
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 22105816
Conc: 24.77 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.028 min
Response: 20887434
Conc: 19.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.024 min
Response: 22017107
Conc: 19.68 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-19-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-17	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.1 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069880.D	1	02/19/25 09:40	02/20/25 03:52	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.1	U	6.90	14.1	18.4	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.50	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	14.1	U	3.00	14.1	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	26.5	*	44 - 130		133%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		60 - 125		111%	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\PP021925\
Data File : PP069880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:52
Operator : YP\AJ
Sample : Q1383-17
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:22:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.528	3.830	37975894	23411627	26.529	26.230m
2)	SA Decachlor...	10.256	8.890	24157699	24572131	22.104	21.969
	Target Compounds						

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

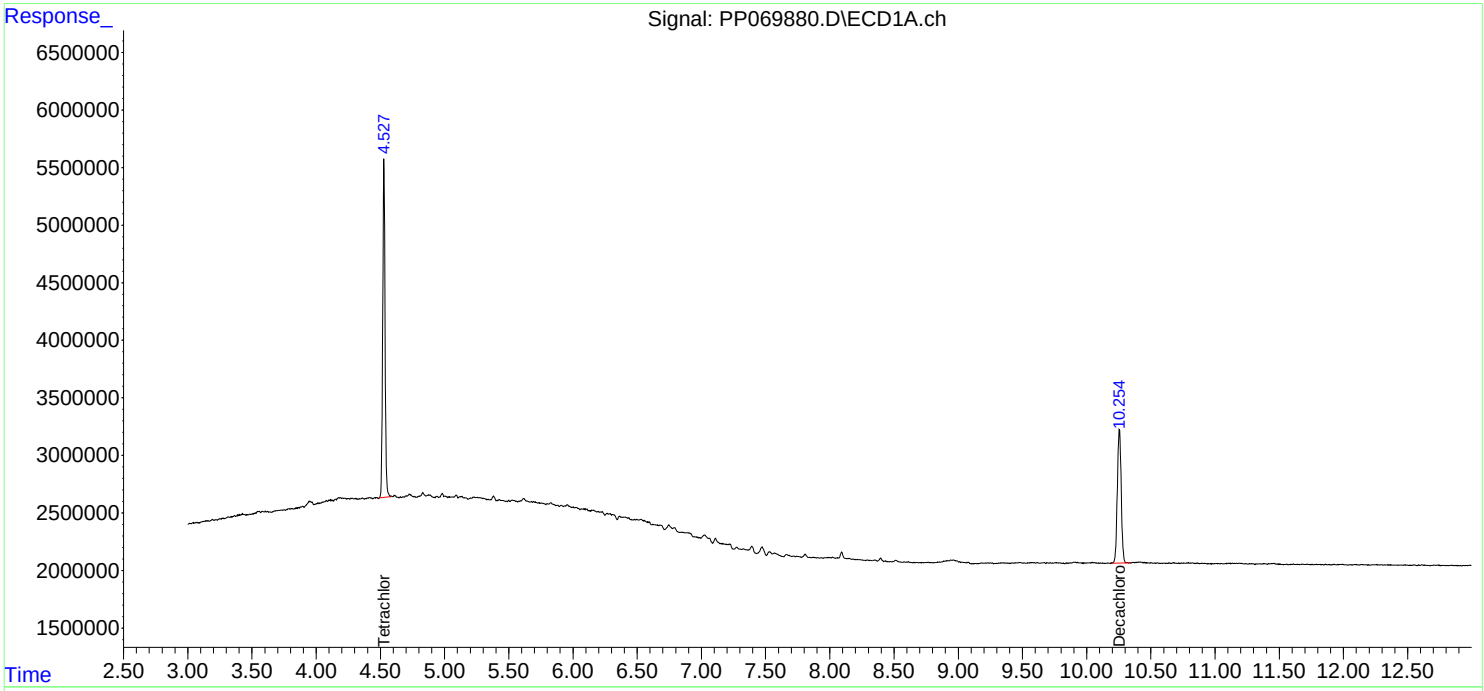
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:52
Operator : YP\AJ
Sample : Q1383-17
Misc :
ALS Vial : 40 Sample Multiplier: 1

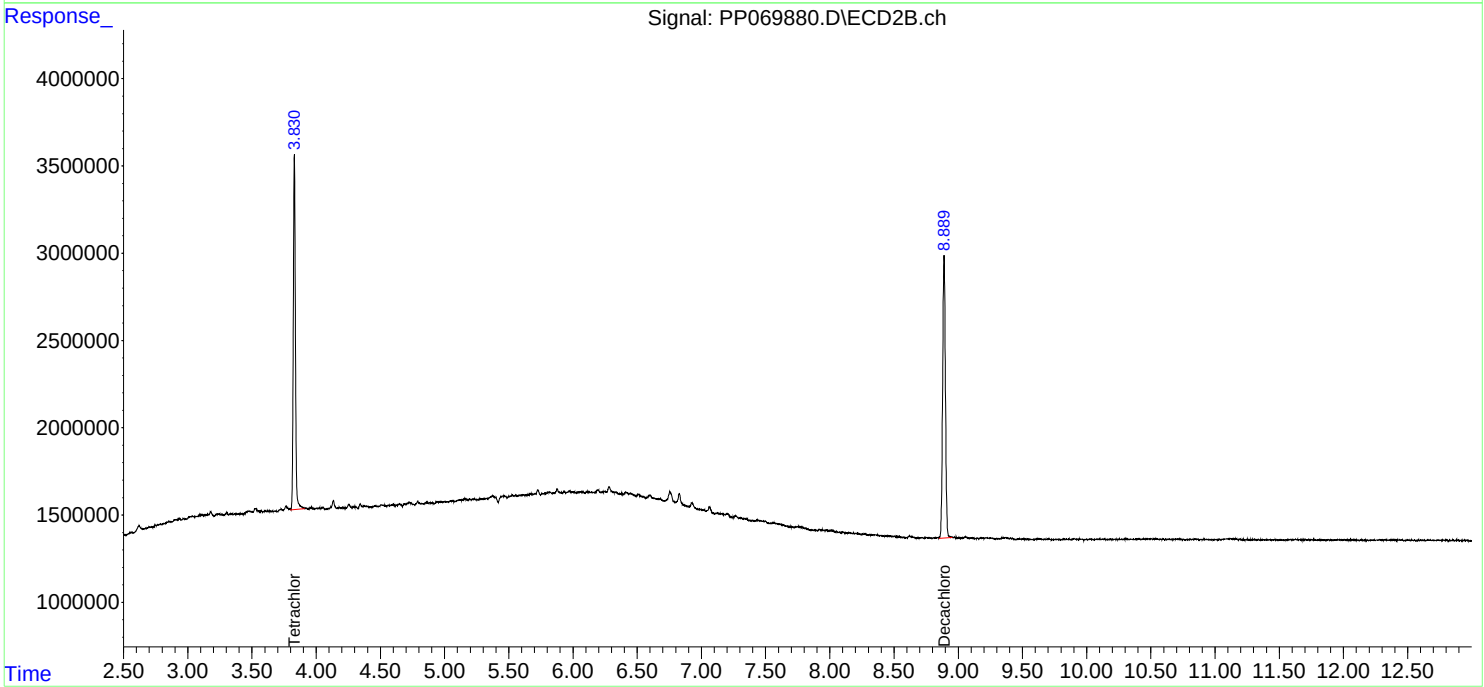
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725

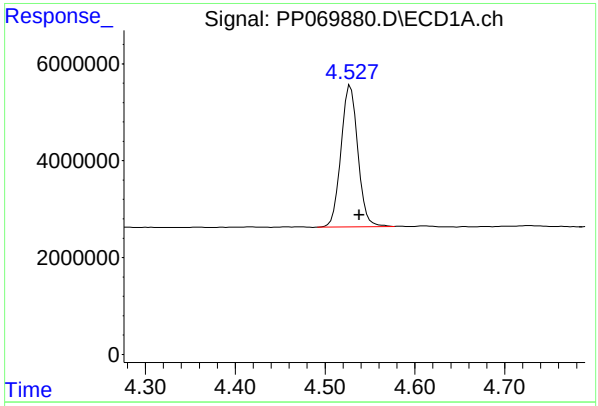
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:22:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







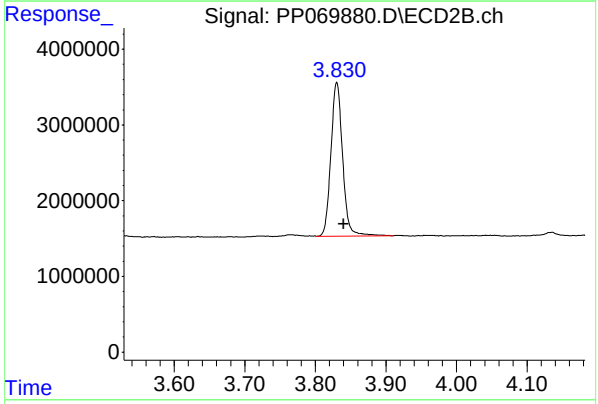
#1 Tetrachloro-m-xylene

R.T.: 4.528 min
Delta R.T.: -0.010 min
Response: 37975894
Conc: 26.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725

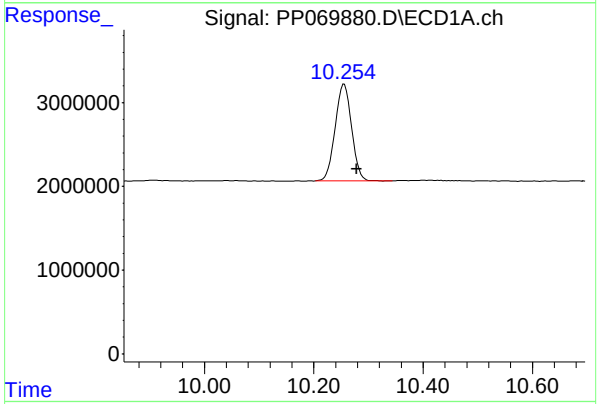
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



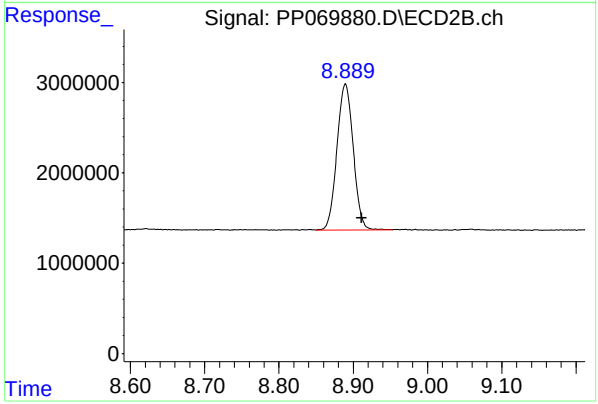
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 23411627
Conc: 26.23 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.023 min
Response: 24157699
Conc: 22.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.890 min
Delta R.T.: -0.022 min
Response: 24572131
Conc: 21.97 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-19-021725RE	SDG No.:	Q1383
Lab Sample ID:	Q1383-17RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.1 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069943.D	1	02/19/25 09:40	02/21/25 00:27	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.1	U	6.90	14.1	18.4	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.50	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	14.1	U	3.00	14.1	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.20	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.2	*	44 - 130		136%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.6		60 - 125		118%	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\PP022025\
Data File : PP069943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:27
Operator : YP\AJ
Sample : Q1383-17RE
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:58:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.829	38989572	23632513	27.237	26.478m
2)	SA Decachlor...	10.250	8.887	24703576	26455035	22.604	23.653
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:27
Operator : YP\AJ
Sample : Q1383-17RE
Misc :
ALS Vial : 33 Sample Multiplier: 1

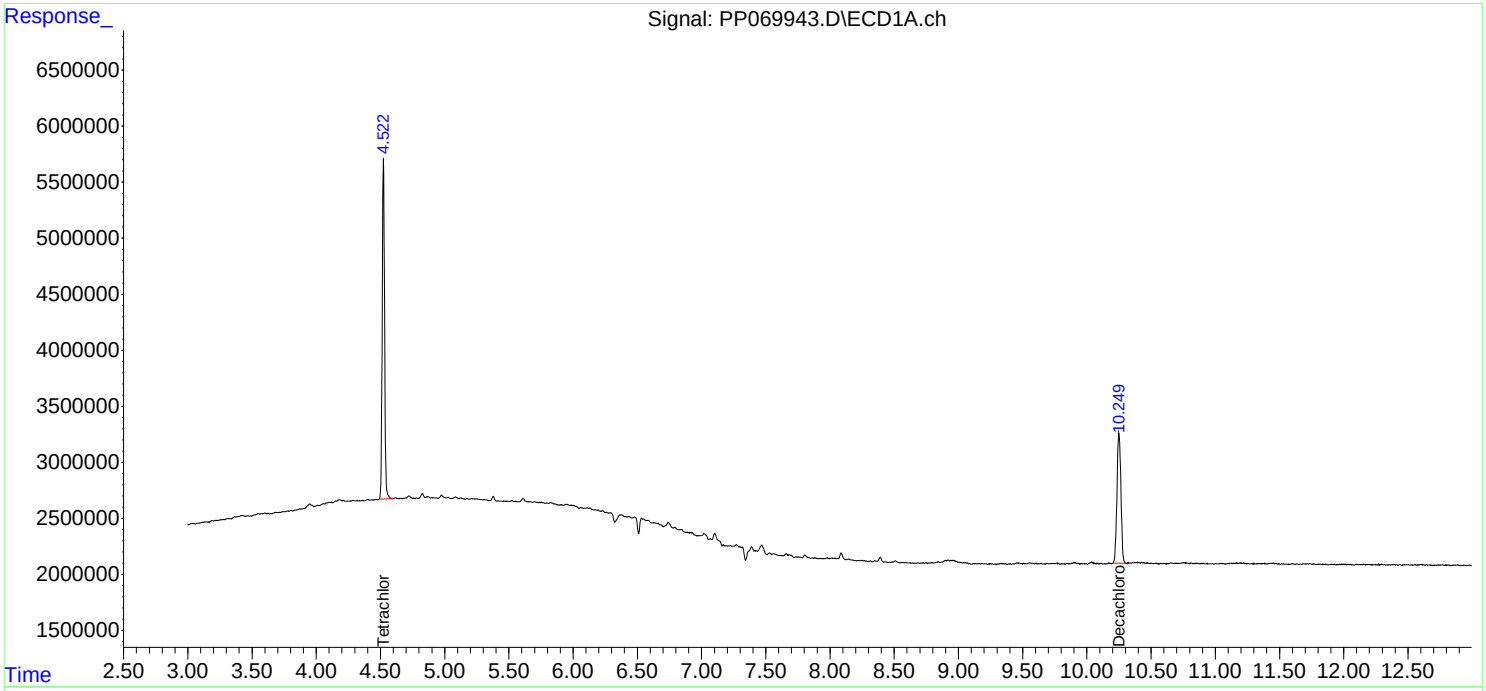
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE

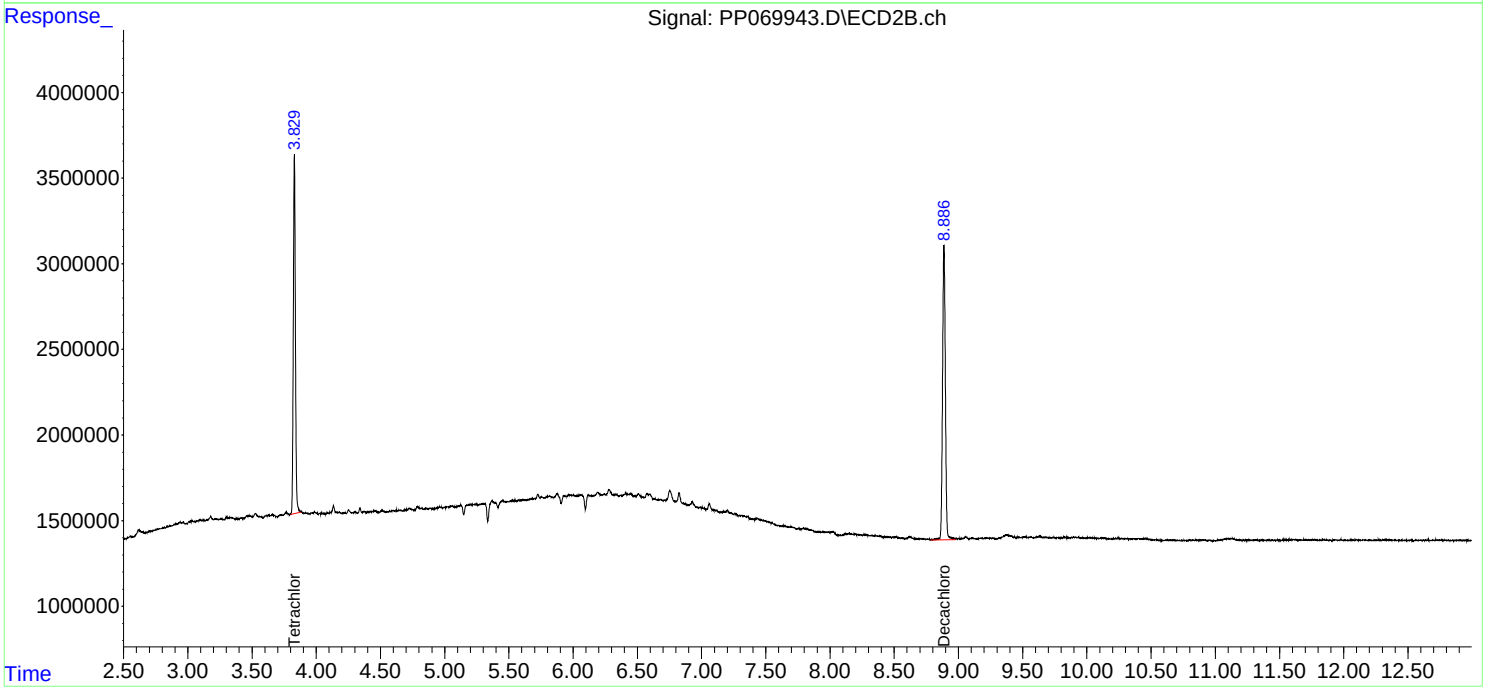
Manual Integrations APPROVED

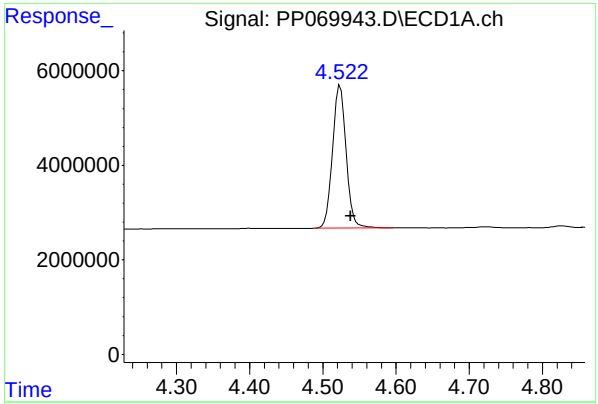
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:58:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







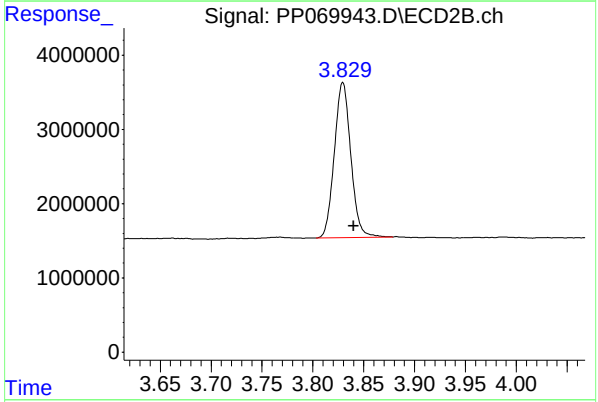
#1 Tetrachloro-m-xylene

R.T.: 4.524 min
Delta R.T.: -0.014 mi
Response: 38989572
Conc: 27.24 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE

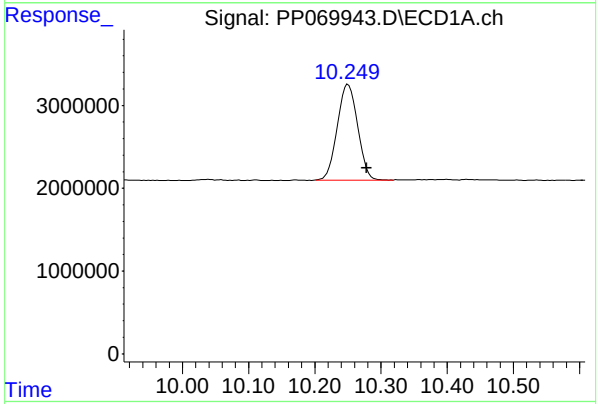
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



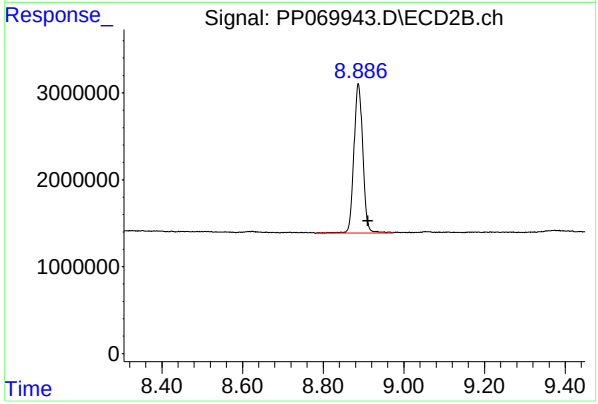
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 23632513
Conc: 26.48 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.028 min
Response: 24703576
Conc: 22.60 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26455035
Conc: 23.65 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-20-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-19	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.2 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069881.D	1	02/19/25 09:40	02/20/25 04:08	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.1	U	6.90	14.1	18.4	ug/kg
11141-16-5	Aroclor-1232	14.1	U	3.70	14.1	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.1	U	8.50	14.1	18.4	ug/kg
11097-69-1	Aroclor-1254	14.1	U	3.00	14.1	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.1	U	3.70	14.1	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	26.1		44 - 130		130%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.2		60 - 125		111%	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\PP021925\
Data File : PP069881.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 04:08
Operator : YP\AJ
Sample : Q1383-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:23:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.828	36763941	23261098	25.682	26.062m
2)	SA Decachlor...	10.250	8.888	24280991	24093174	22.217	21.541
	Target Compounds						

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

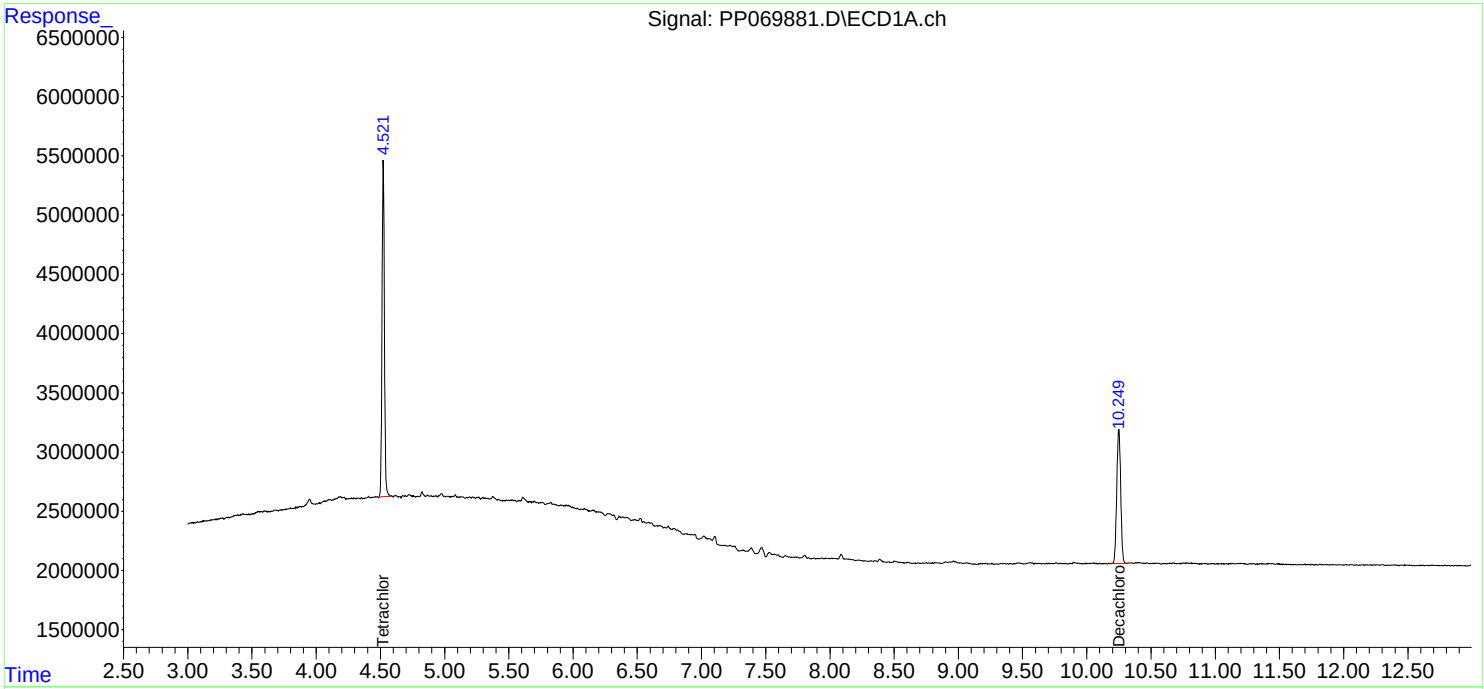
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069881.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 04:08
Operator : YP\AJ
Sample : Q1383-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

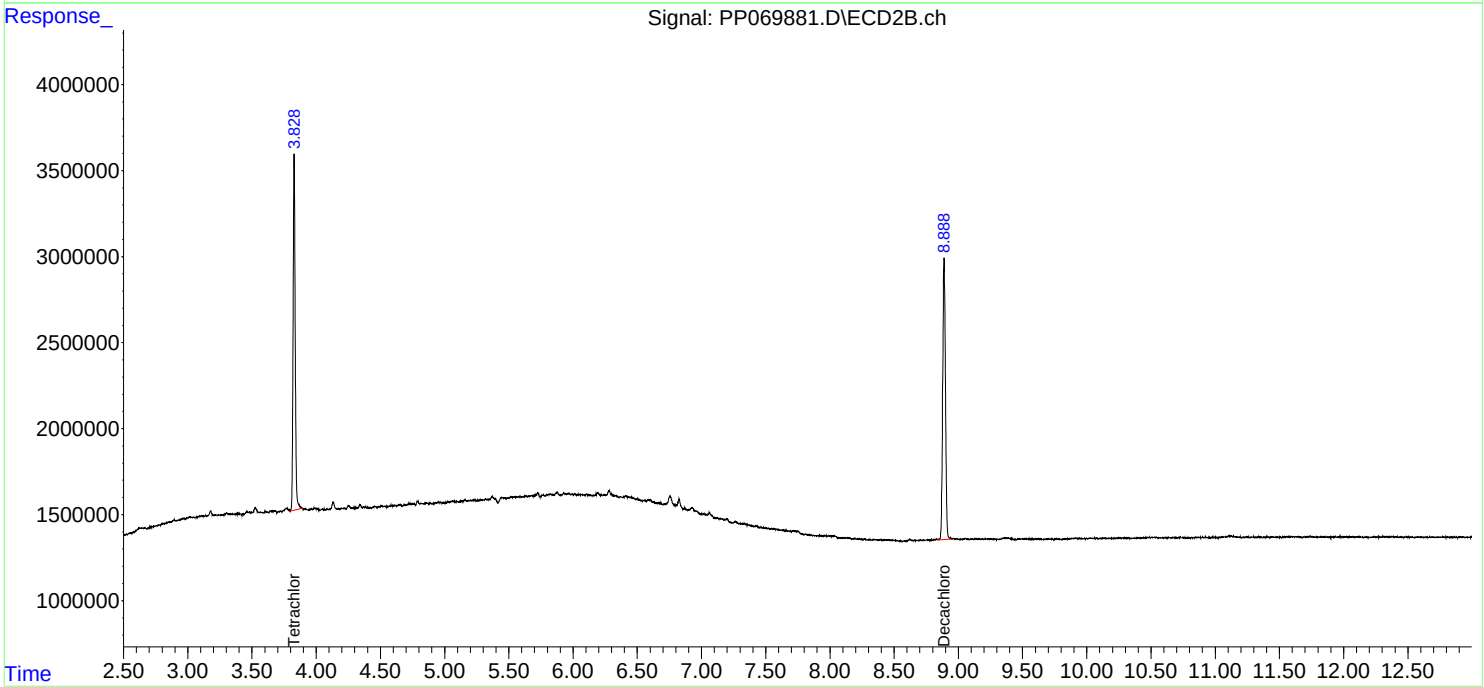
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725

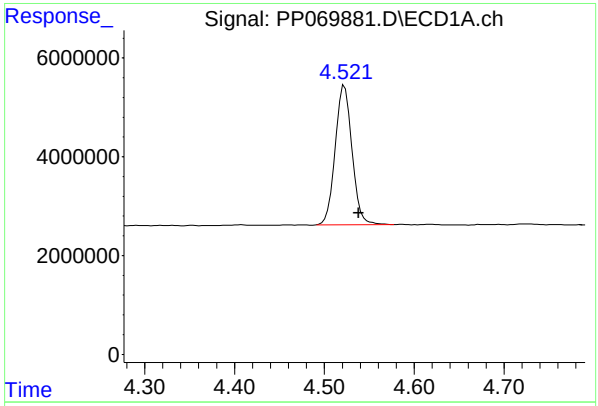
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:23:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







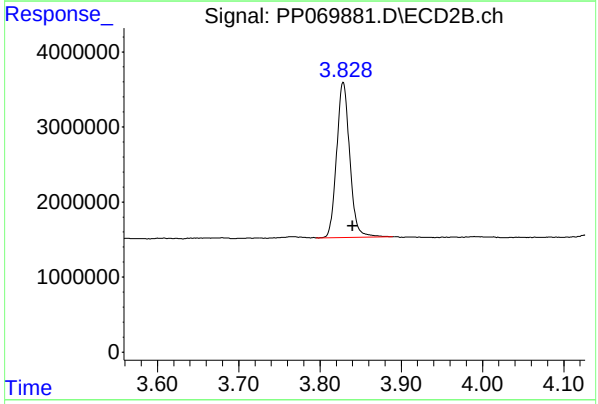
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 36763941
Conc: 25.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725

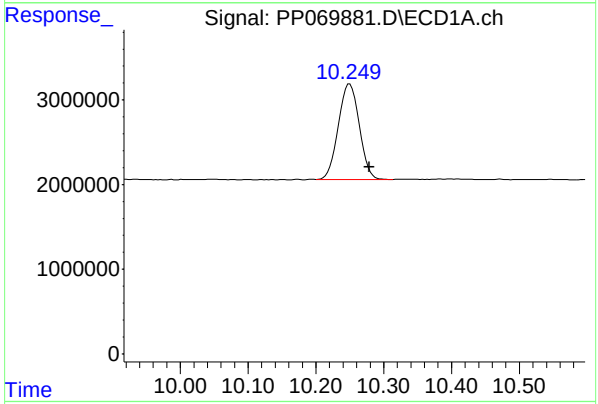
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



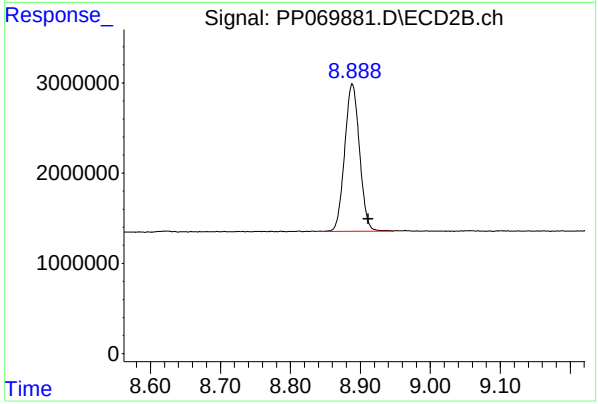
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.012 min
Response: 23261098
Conc: 26.06 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.029 min
Response: 24280991
Conc: 22.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 24093174
Conc: 21.54 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-CF-15-021725	SDG No.:	Q1383
Lab Sample ID:	Q1383-21	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069882.D	1	02/19/25 09:40	02/20/25 04:24	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.4	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.4	ug/kg
11097-69-1	Aroclor-1254	14.0	U	2.90	14.0	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	26.7	*	44 - 130		134%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.9		60 - 125		119%	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\PP021925\
Data File : PP069882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 04:24
Operator : YP\AJ
Sample : Q1383-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:23:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.528	3.830	38283311	23862288	26.744	26.735m
2)	SA Decachlor...	10.256	8.890	25390888	26692404	23.233	23.865
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 04:24
Operator : YP\AJ
Sample : Q1383-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

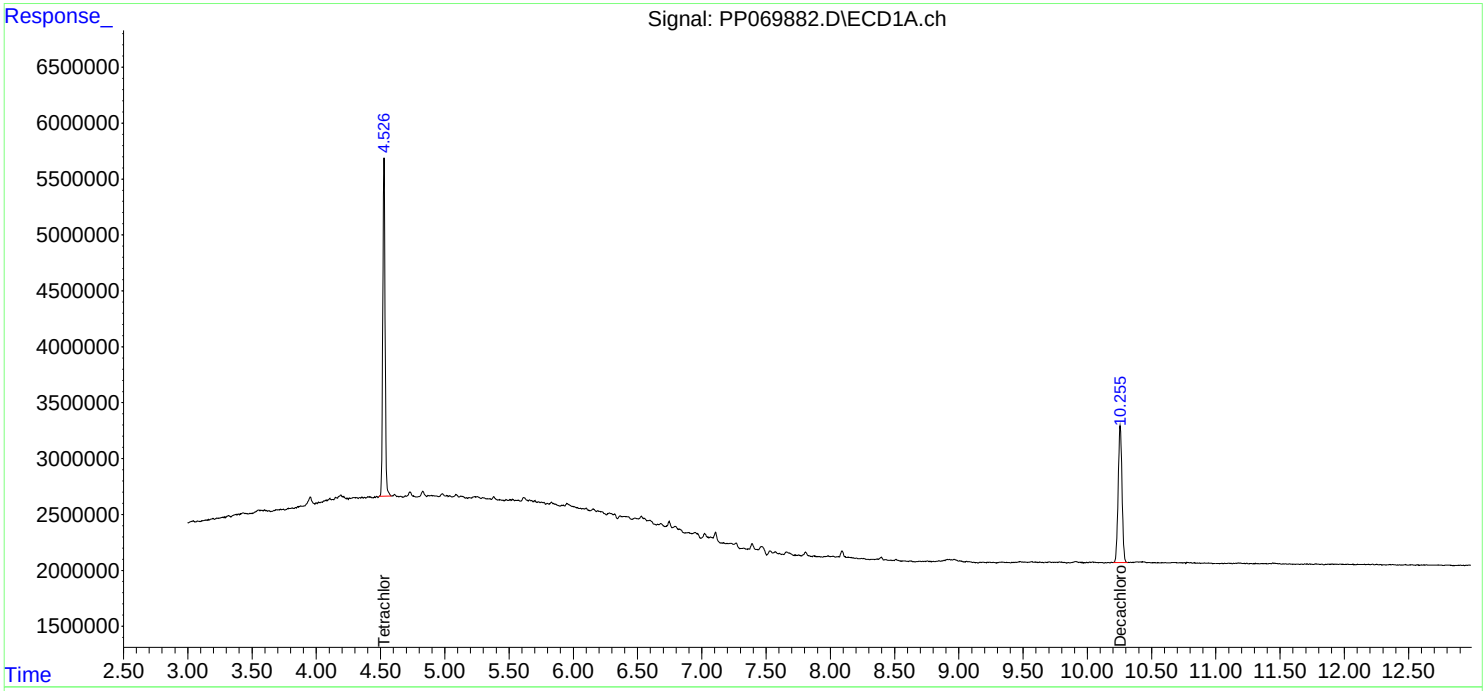
Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725

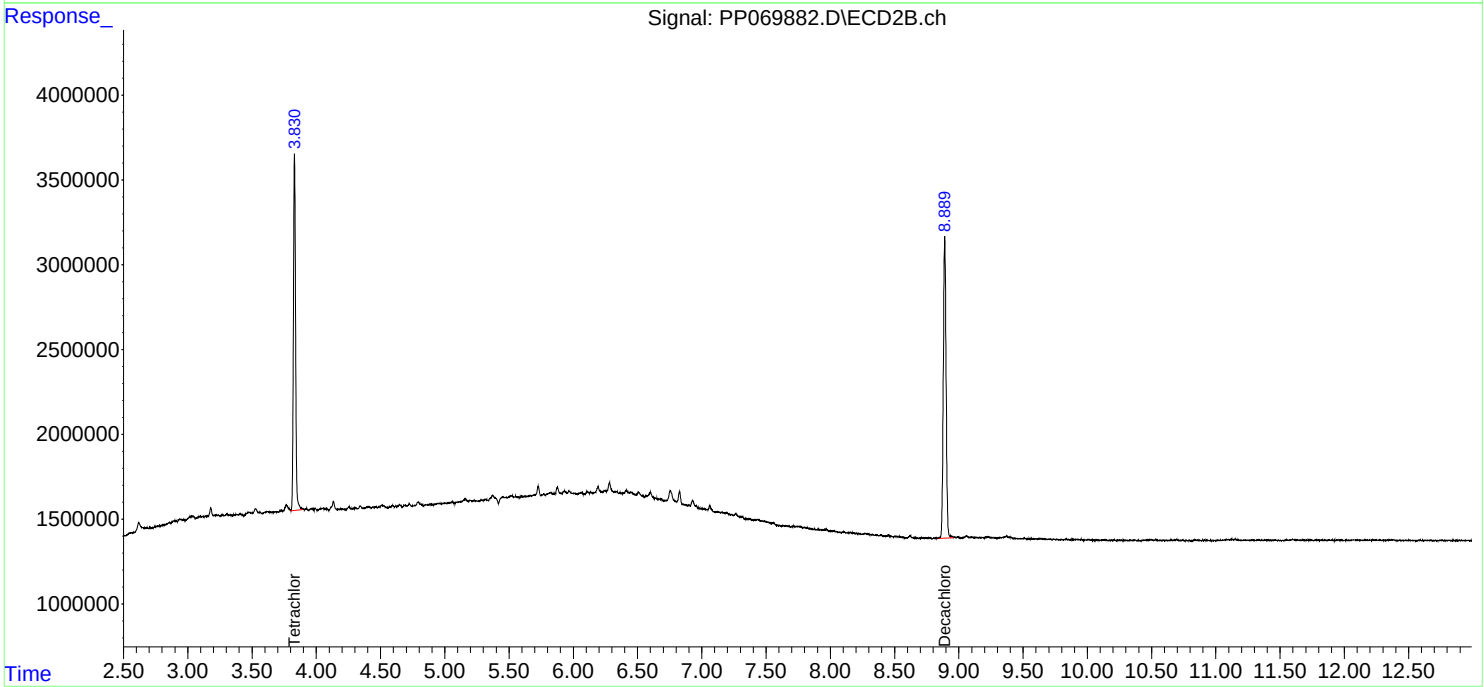
Manual Integrations APPROVED

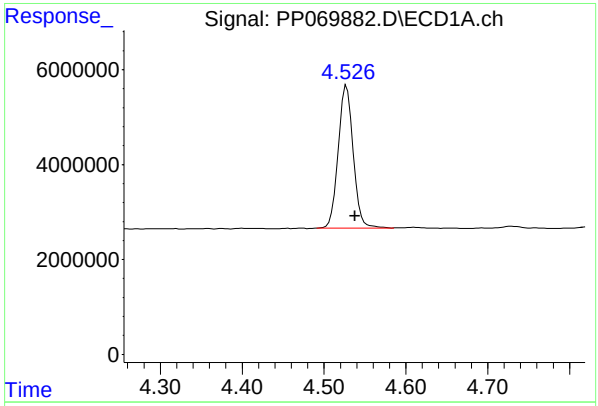
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:23:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







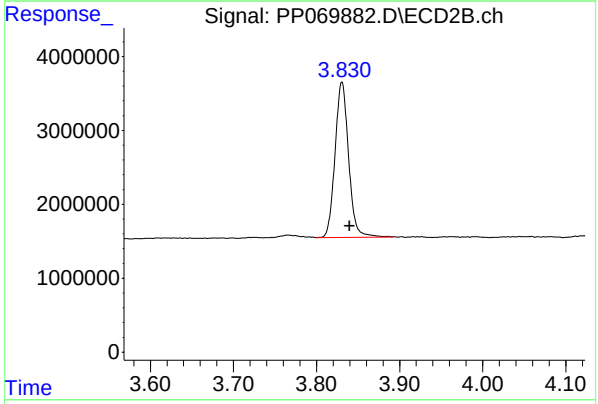
#1 Tetrachloro-m-xylene

R.T.: 4.528 min
Delta R.T.: -0.010 min
Response: 38283311
Conc: 26.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725

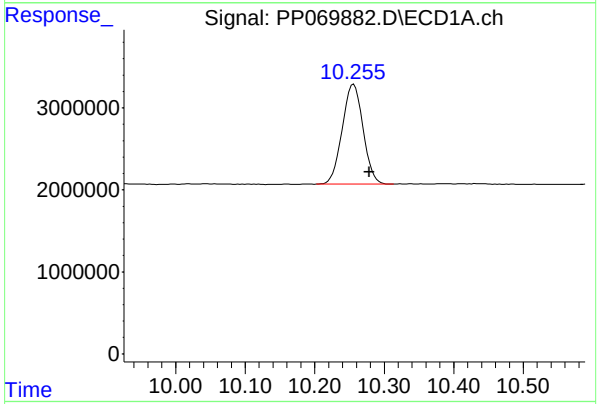
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



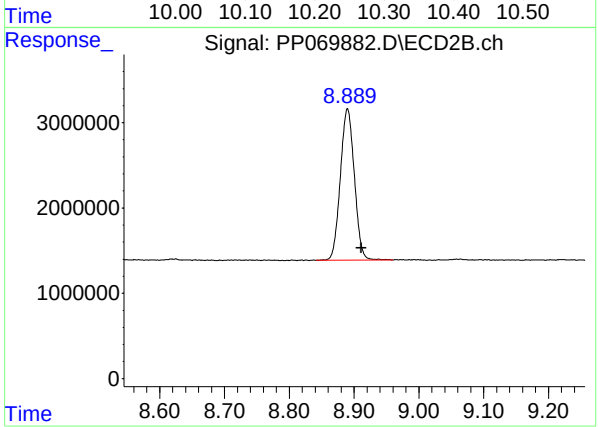
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 23862288
Conc: 26.74 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.022 min
Response: 25390888
Conc: 23.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.890 min
Delta R.T.: -0.021 min
Response: 26692404
Conc: 23.86 ng/ml

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

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-CF-15-021725RE	SDG No.:	Q1383
Lab Sample ID:	Q1383-21RE	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.5 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069944.D	1	02/19/25 09:40	02/21/25 00:43	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.00	U	3.70	9.00	18.4	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.4	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.4	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.4	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.4	ug/kg
11097-69-1	Aroclor-1254	14.0	U	2.90	14.0	18.4	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.4	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.4	ug/kg
11096-82-5	Aroclor-1260	9.00	U	3.10	9.00	18.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	27.6	*	44 - 130		138%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.9		60 - 125		119%	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\PP022025\
Data File : PP069944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:43
Operator : YP\AJ
Sample : Q1383-21RE
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:59:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.829	39546178	24195931	27.626	27.109m
2)	SA Decachlor...	10.254	8.887	26071827	26683299	23.856	23.857
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:43
Operator : YP\AJ
Sample : Q1383-21RE
Misc :
ALS Vial : 34 Sample Multiplier: 1

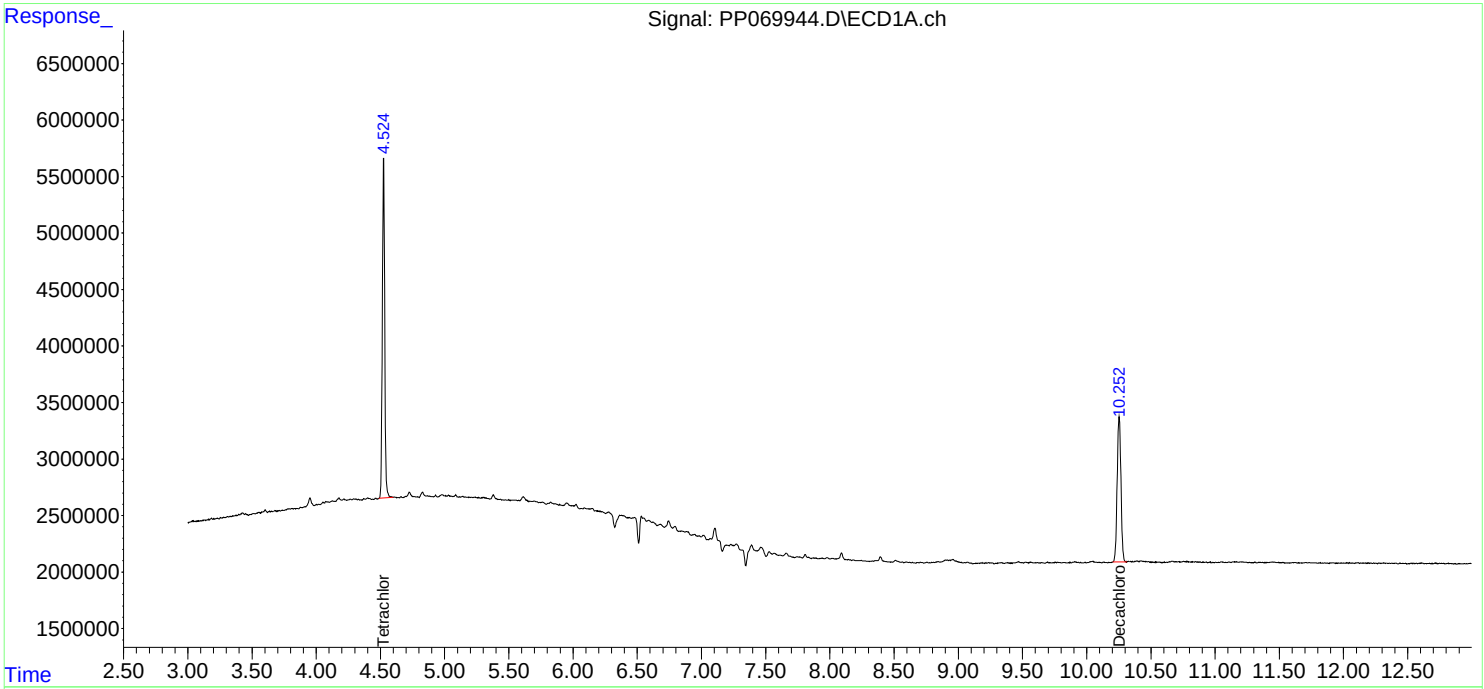
Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE

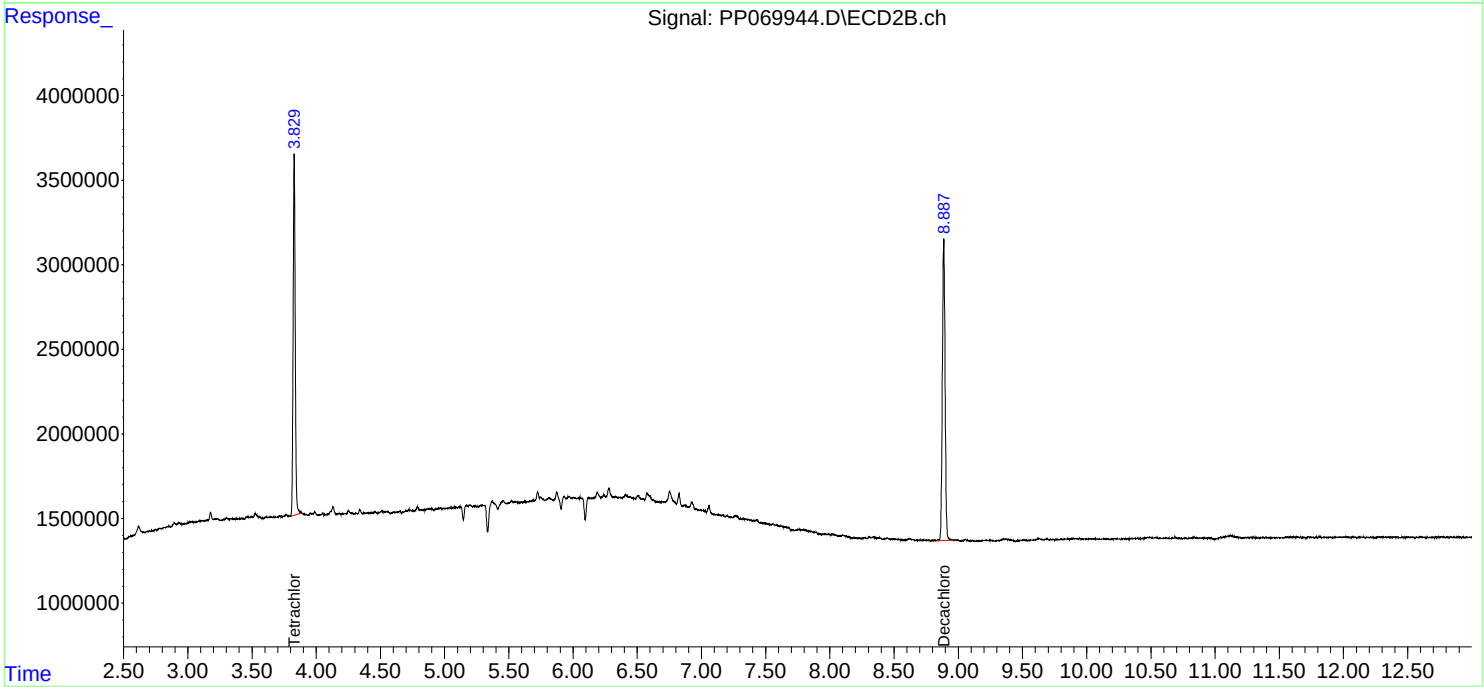
Manual Integrations APPROVED

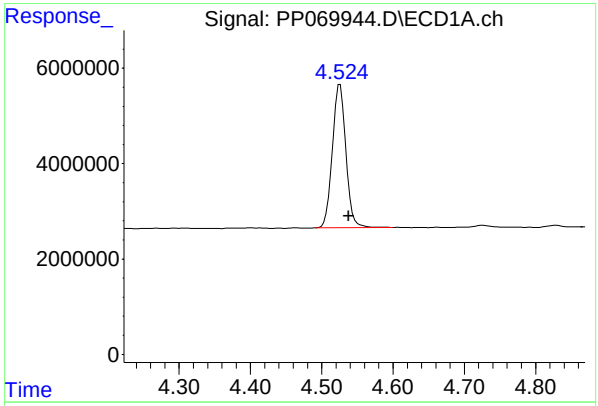
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:59:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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







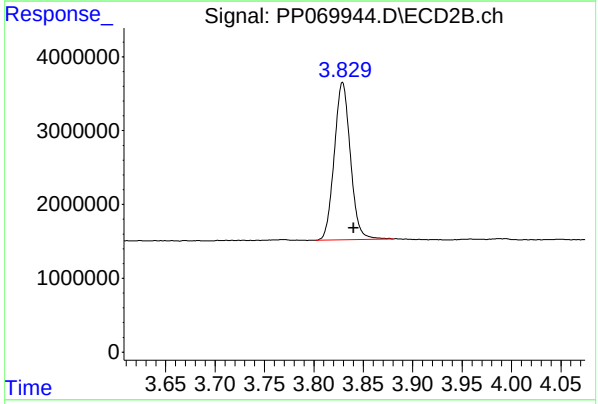
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 39546178
Conc: 27.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE

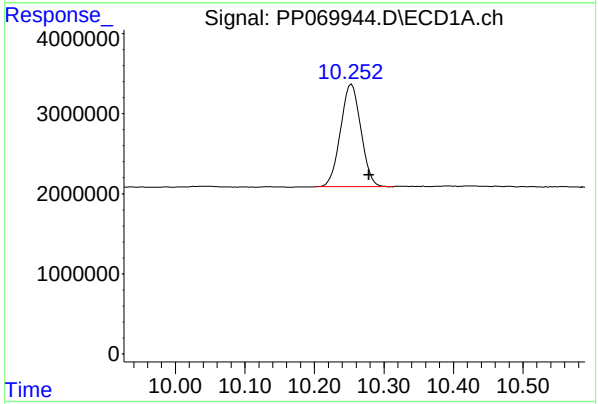
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



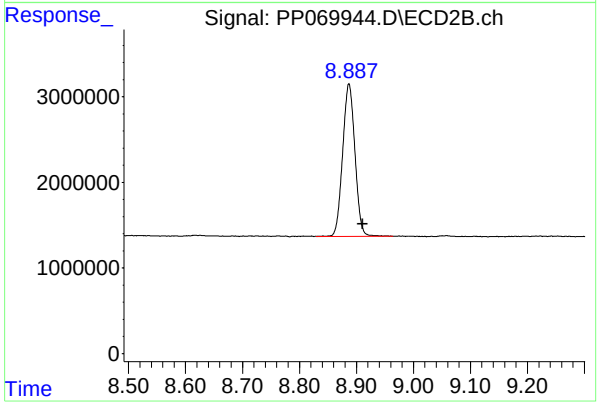
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 24195931
Conc: 27.11 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.025 min
Response: 26071827
Conc: 23.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26683299
Conc: 23.86 ng/ml

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

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

Calibration Times: 09:37 17:30

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

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

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

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

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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RETENTION TIMES OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

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

Calibration Times: 09:37 17:30

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

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

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

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

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Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

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

Calibration Times: 09:37 17:30

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

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

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

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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

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

Calibration Times: 09:37 17:30

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

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

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

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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

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

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.74	4.64	4.84	19019500
		2	4.82	4.72	4.92	13692500
		3	4.90	4.80	5.00	41943400
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.90	4.80	5.00	33293600
		2	5.42	5.32	5.52	16342000
		3	5.71	5.61	5.81	34359000
		4	5.87	5.77	5.97	17816200
		5	5.96	5.86	6.06	11462400
Aroclor-1262	500	1	8.12	8.02	8.22	79018200
		2	8.45	8.35	8.55	152923000
		3	8.77	8.67	8.87	106280000
		4	8.85	8.75	8.95	81793000
		5	9.51	9.41	9.61	56610200

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

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

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.05	3.95	4.15	12318000
		2	4.14	4.04	4.24	9683380
		3	4.22	4.12	4.32	29174200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.22	4.12	4.32	23479400
		2	4.95	4.85	5.05	23571800
		3	5.13	5.03	5.23	12947200
		4	5.21	5.11	5.31	11086300
		5	5.39	5.29	5.49	12210300
Aroclor-1262	500	1	6.98	6.88	7.08	71013200
		2	7.24	7.14	7.34	60979400
		3	7.77	7.67	7.87	52299200
		4	7.83	7.73	7.93	92436400
		5	8.34	8.24	8.44	47792200

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Manual Integrations APPROVED

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

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.840	143.0E6	89571935	96.885	97.257m
2)	SA Decachlor...	10.279	8.911	106.9E6	108.2E6	95.517	98.966
	Target Compounds						
3)	L1 AR-1016-1	5.691	4.934	44563885	31633685	950.609	971.631
4)	L1 AR-1016-2	5.712	4.953	66115347	44031797	966.786	967.963
5)	L1 AR-1016-3	5.775	5.131	39869399	24261336	946.084	973.363
6)	L1 AR-1016-4	5.872	5.172	33707176	19438184	957.224	961.363
7)	L1 AR-1016-5	6.166	5.388	32090736	25297814	955.618	965.361
31)	L7 AR-1260-1	7.286	6.428	55810838	45562804	952.907	961.155
32)	L7 AR-1260-2	7.540	6.616	71849008	56383179	954.186	948.637
33)	L7 AR-1260-3	7.899	6.771	59639386	52562549	962.013	960.087
34)	L7 AR-1260-4	8.124	7.244	61734973	44924385	955.078	971.004
35)	L7 AR-1260-5	8.445	7.484	125.1E6	110.5E6	959.591	990.648

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

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

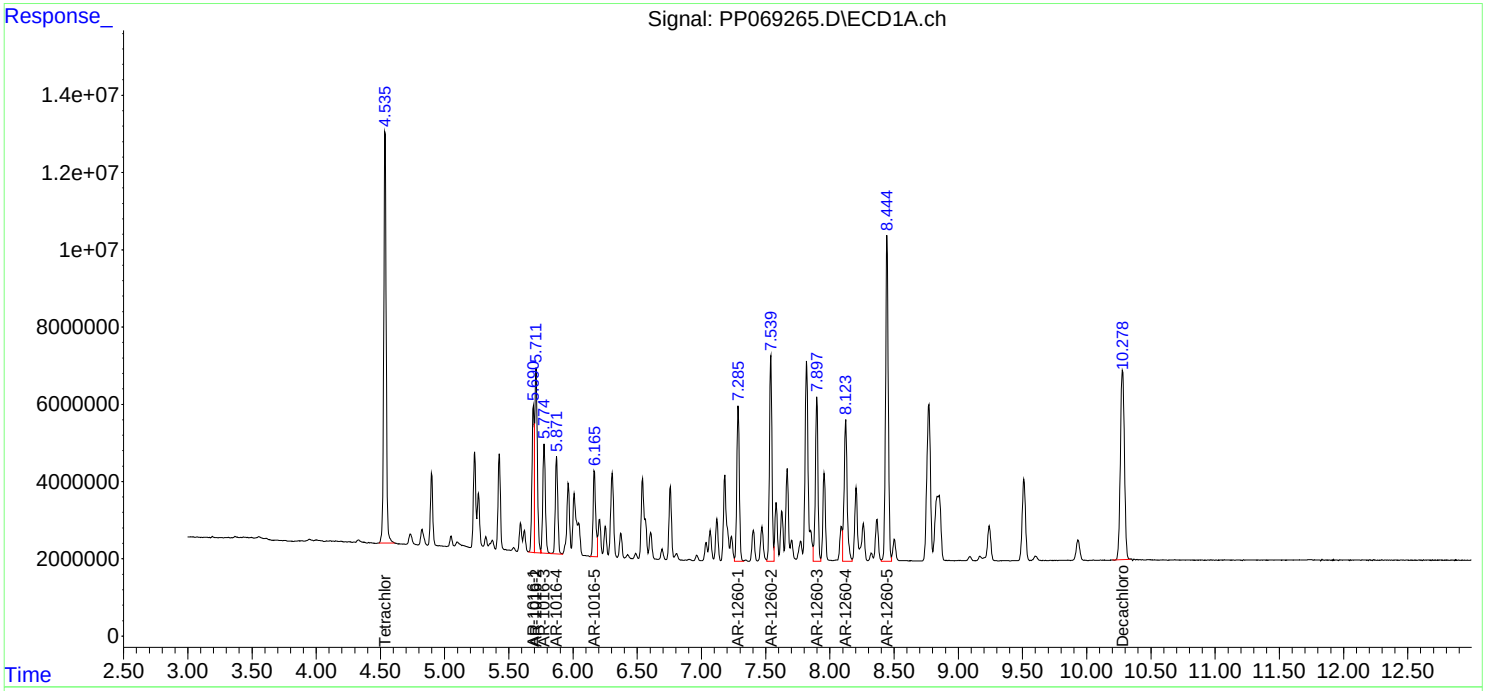
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

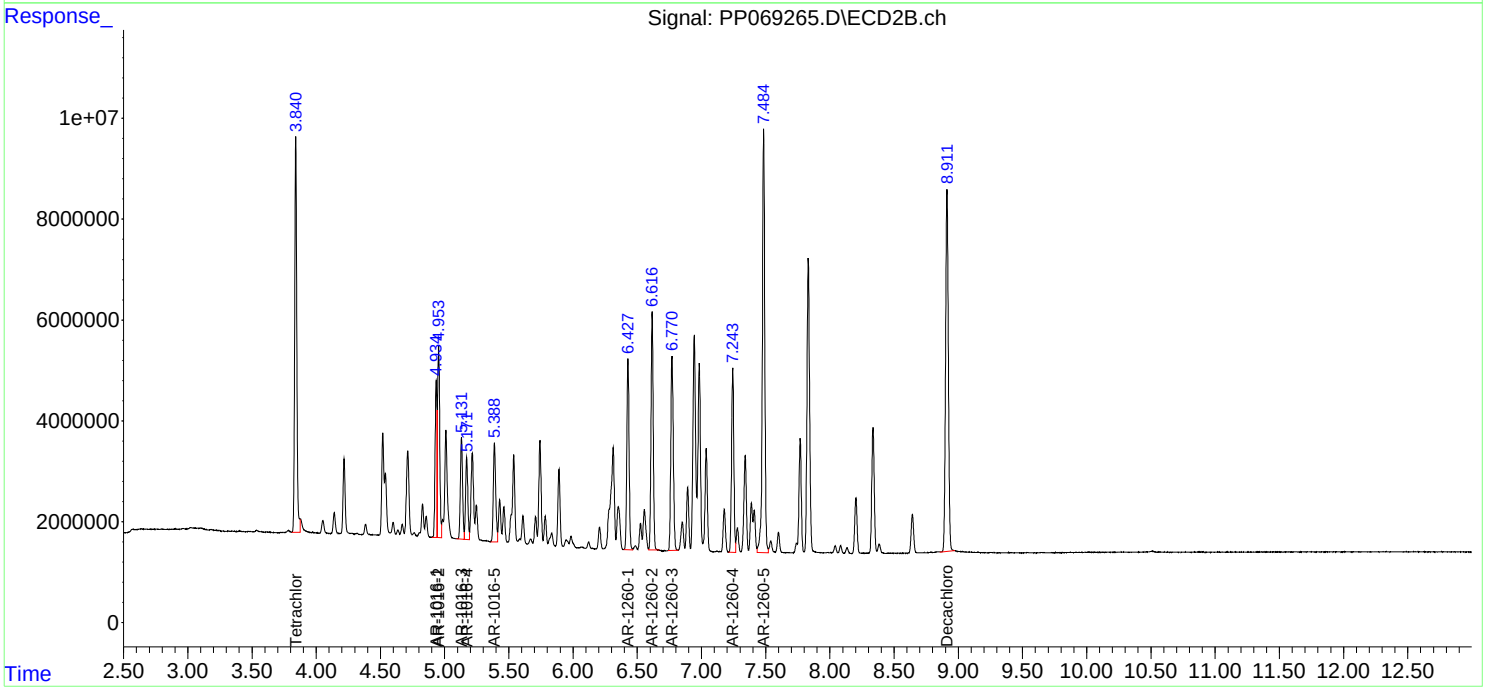
Manual Integrations APPROVED

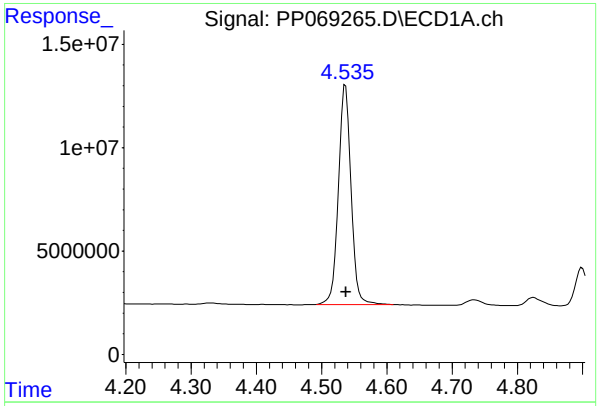
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

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

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







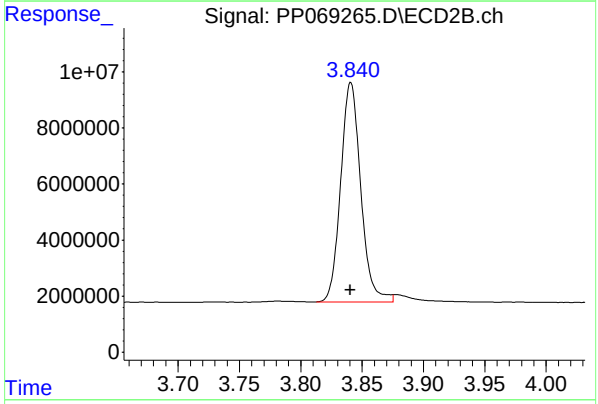
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

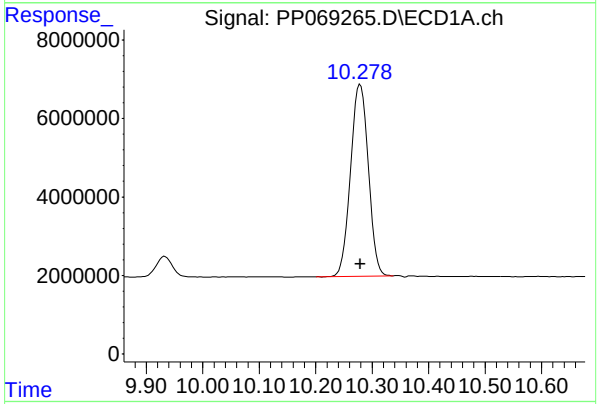
Manual Integrations APPROVED

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



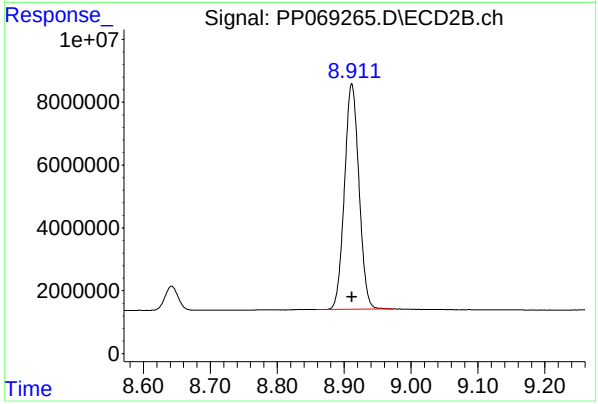
#1 Tetrachloro-m-xylene

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



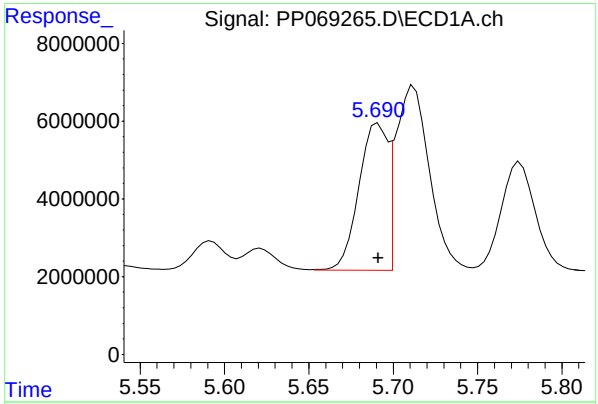
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

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



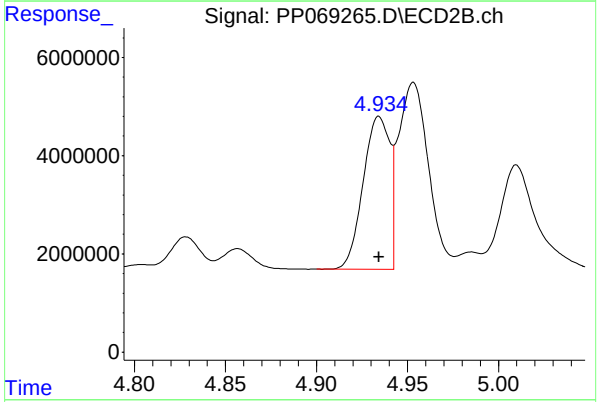
#3 AR-1016-1

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

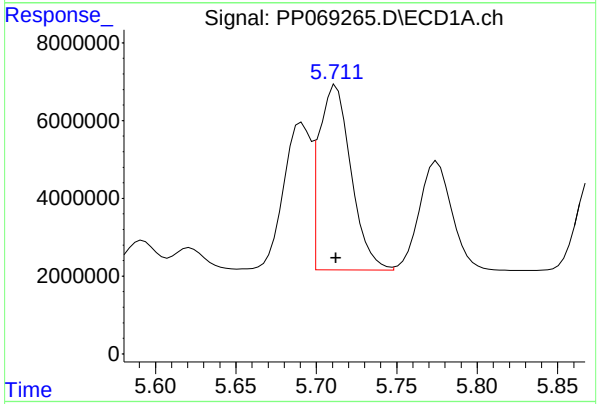
Manual Integrations APPROVED

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



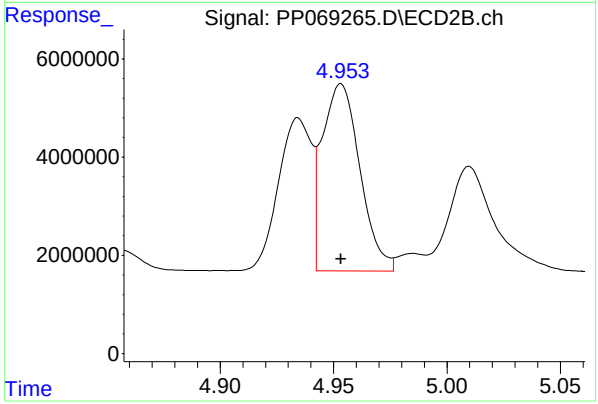
#3 AR-1016-1

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



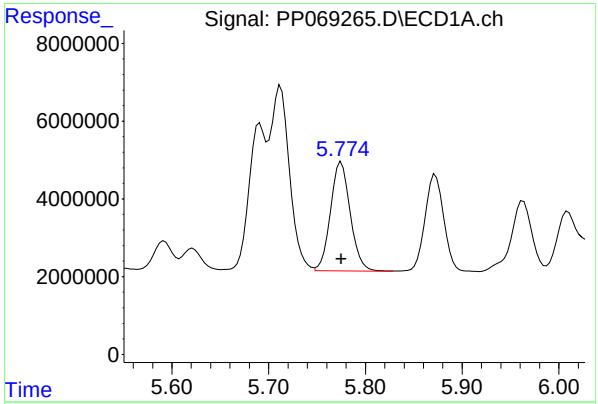
#4 AR-1016-2

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



#4 AR-1016-2

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



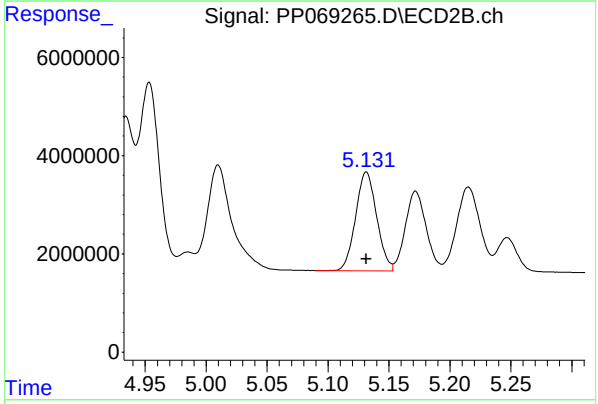
#5 AR-1016-3

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

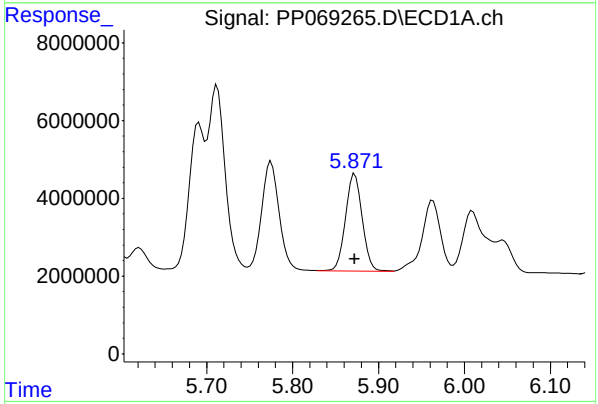
Manual Integrations APPROVED

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



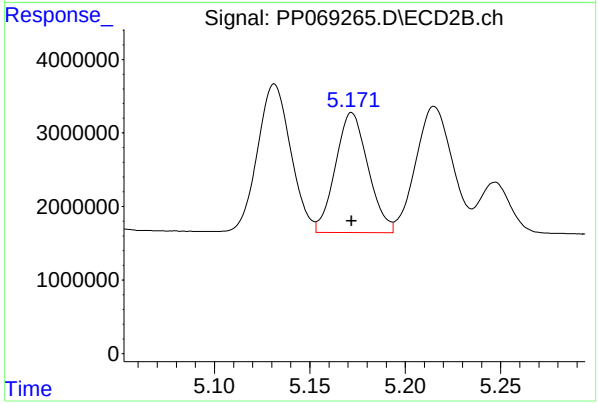
#5 AR-1016-3

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



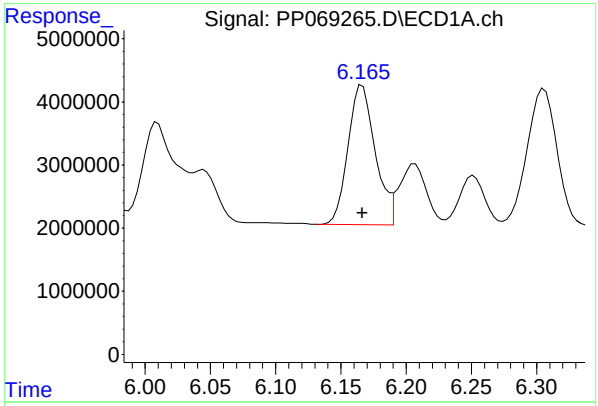
#6 AR-1016-4

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



#6 AR-1016-4

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



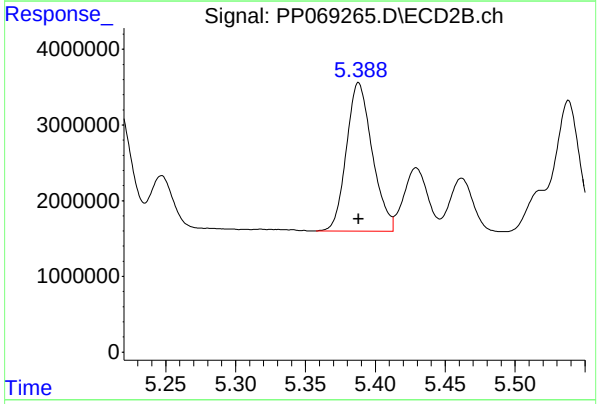
#7 AR-1016-5

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

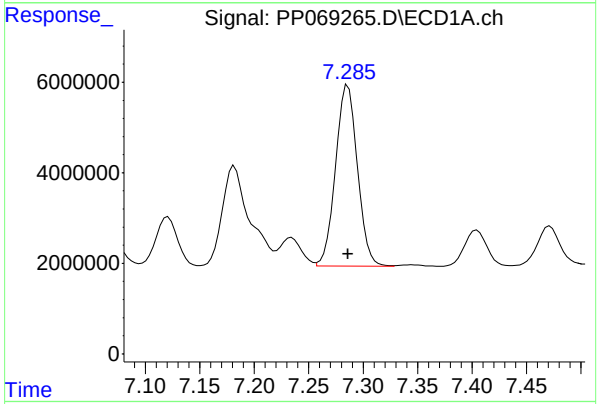
Manual Integrations APPROVED

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



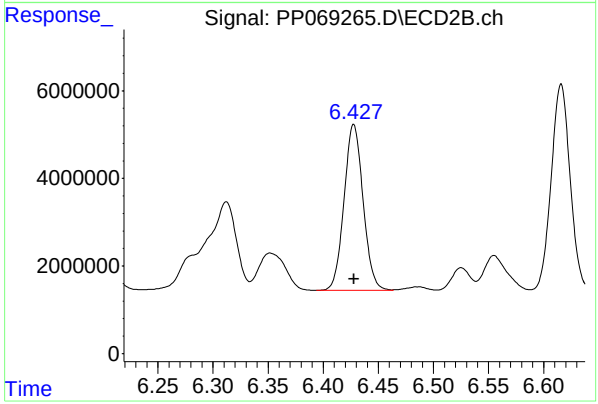
#7 AR-1016-5

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



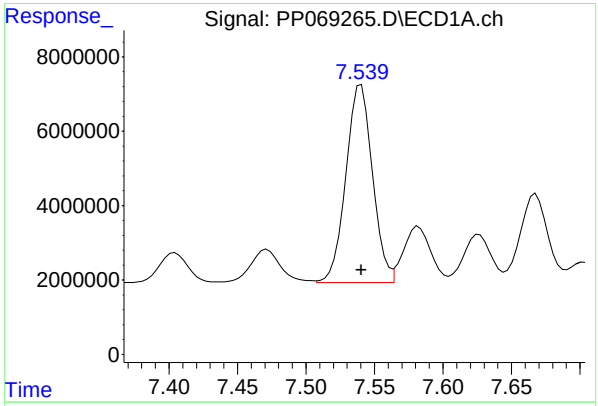
#31 AR-1260-1

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



#31 AR-1260-1

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



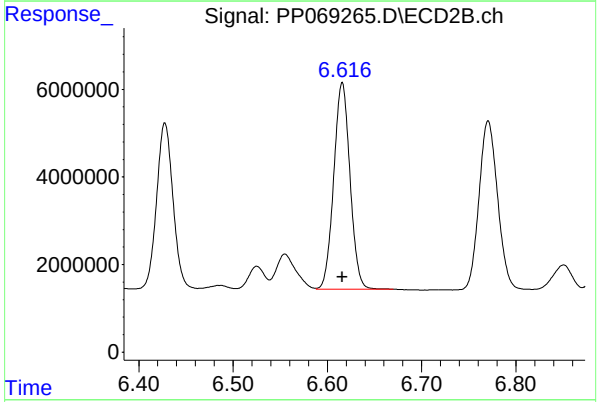
#32 AR-1260-2

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

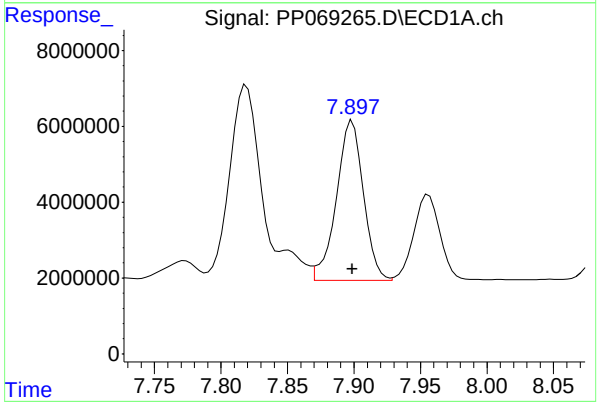
Manual Integrations APPROVED

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



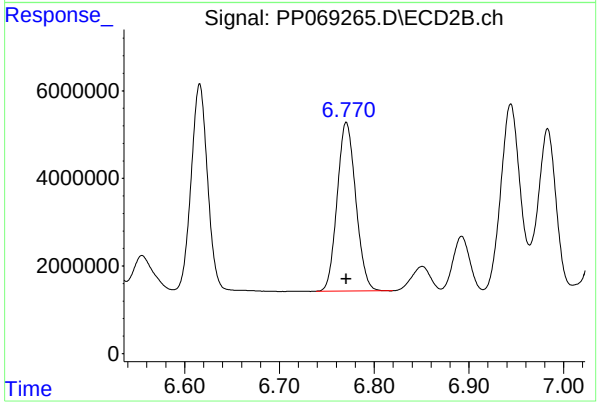
#32 AR-1260-2

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



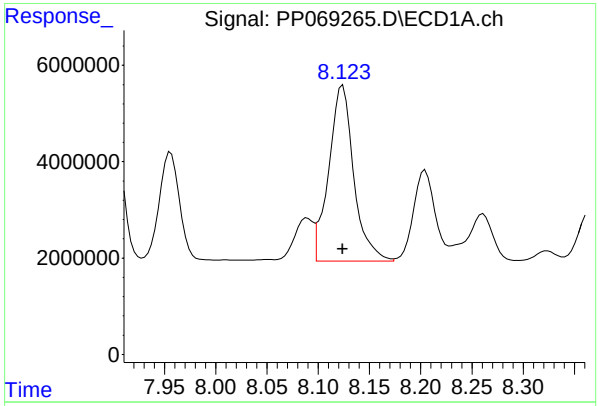
#33 AR-1260-3

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



#33 AR-1260-3

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



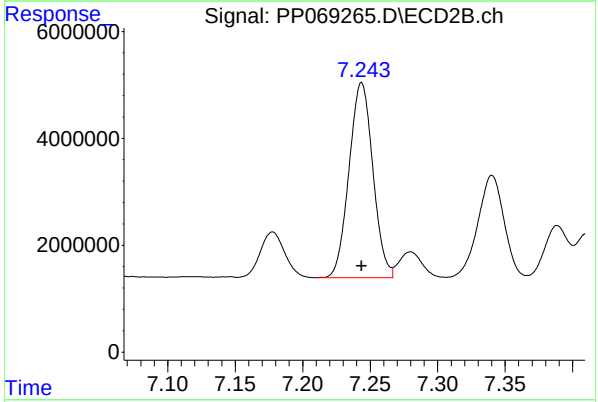
#34 AR-1260-4

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

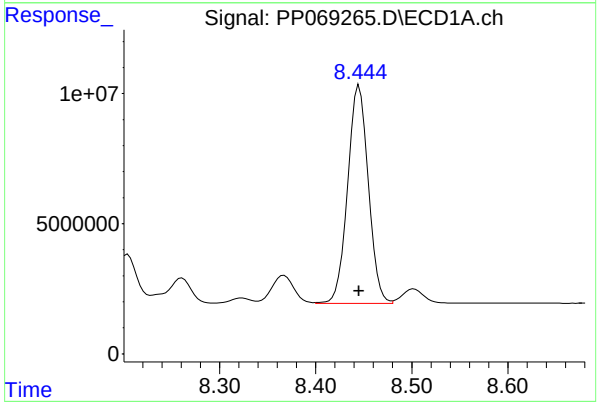
Manual Integrations APPROVED

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



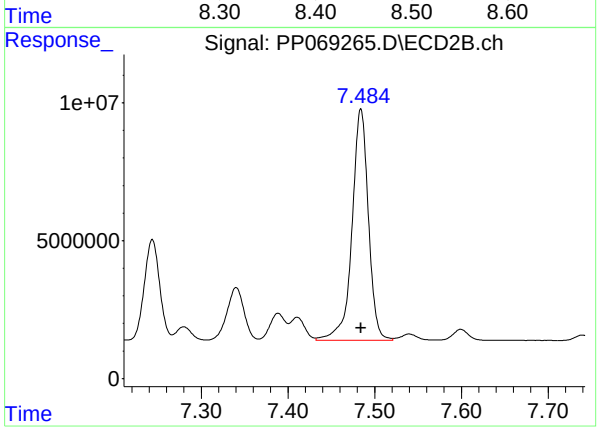
#34 AR-1260-4

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



#35 AR-1260-5

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



#35 AR-1260-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.840	110.5E6	69677468	74.910	75.426
2)	SA Decachlor...	10.277	8.912	83733323	80681848	74.870	74.209
	Target Compounds						
3)	L1 AR-1016-1	5.690	4.933	34577756	25167470	741.681	765.192
4)	L1 AR-1016-2	5.711	4.953	52334815	34727927	760.116	758.902
5)	L1 AR-1016-3	5.774	5.130	31097527	19360462	741.911	767.618
6)	L1 AR-1016-4	5.871	5.172	26477855	15495550	751.282	760.835
7)	L1 AR-1016-5	6.165	5.387	25368307	19857855	753.613	755.164
31)	L7 AR-1260-1	7.285	6.427	43781138	36912722	748.340	768.879
32)	L7 AR-1260-2	7.540	6.615	56422129	45385543	749.540	759.014
33)	L7 AR-1260-3	7.898	6.770	46597139	42836153	751.089	771.312
34)	L7 AR-1260-4	8.123	7.243	48551980	36438743	750.752	774.651
35)	L7 AR-1260-5	8.445	7.483	97709365	87084516	749.681	770.144

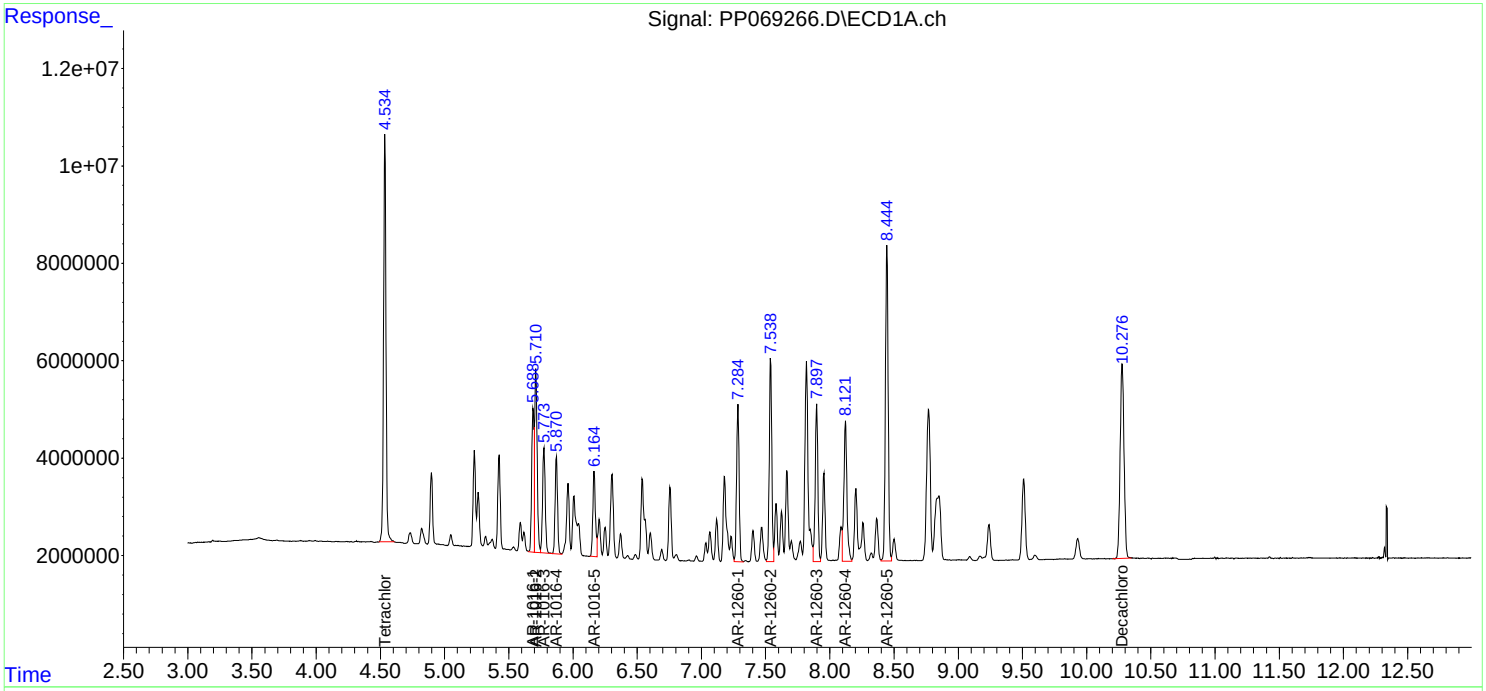
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

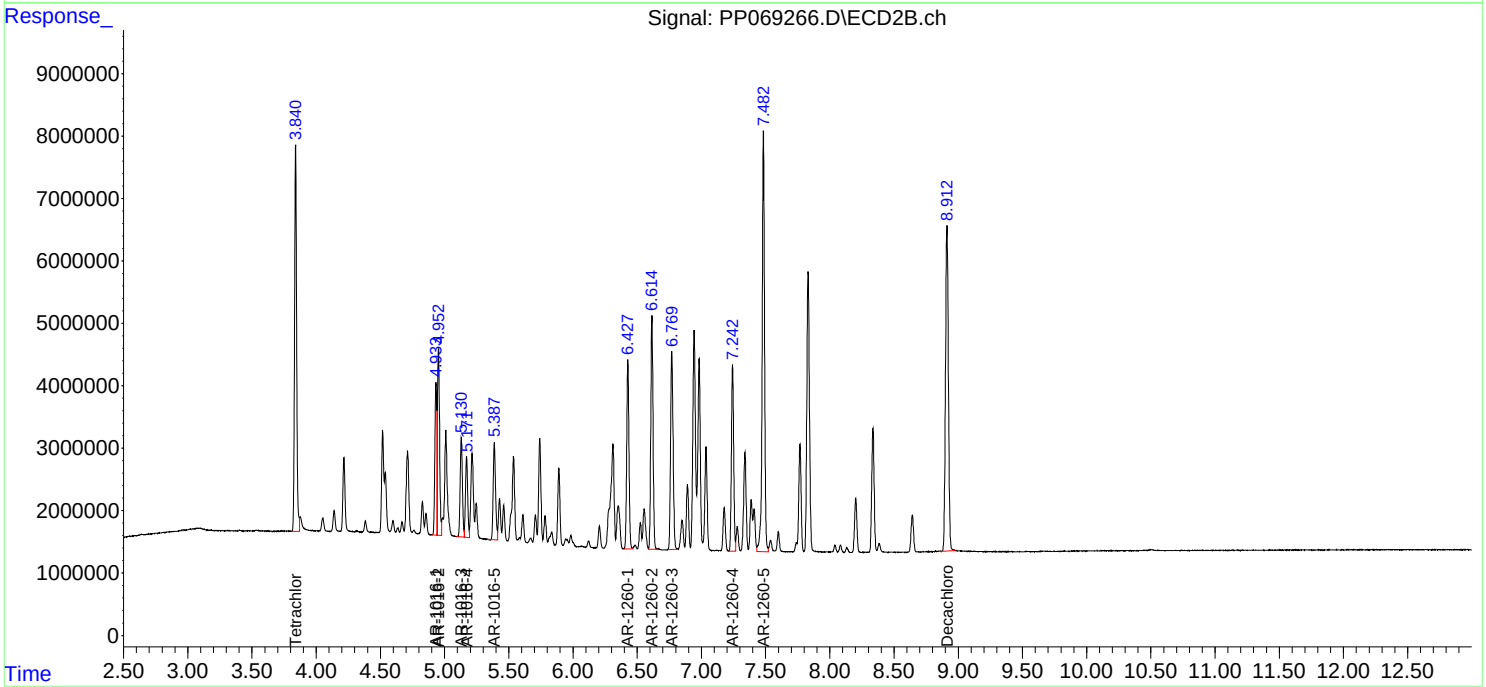
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:54
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

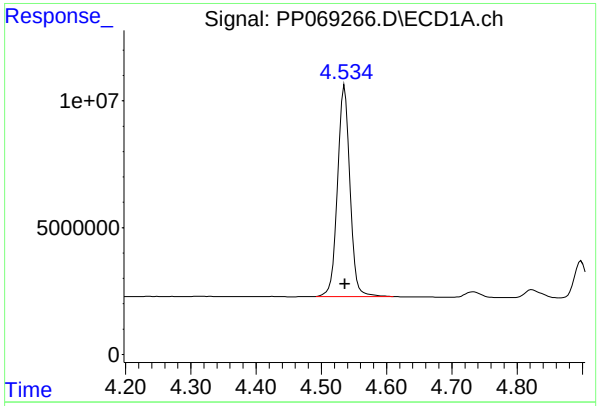
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

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

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



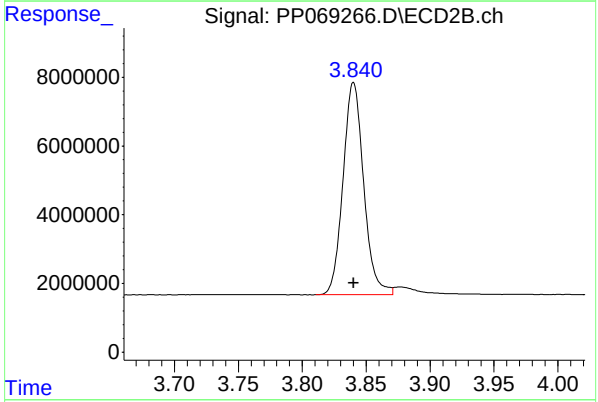




#1 Tetrachloro-m-xylene

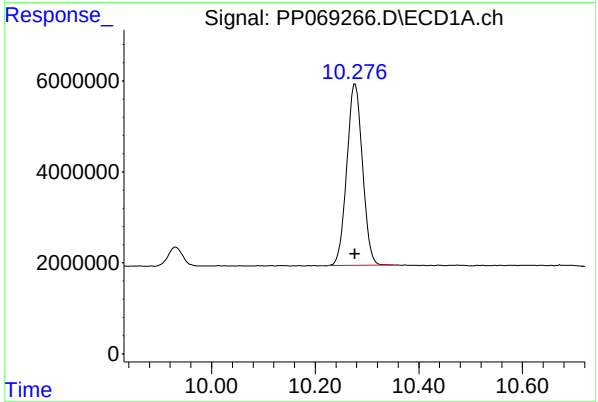
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 110537107
Conc: 74.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



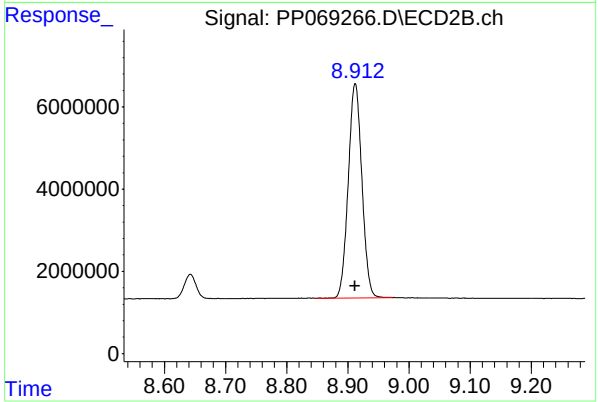
#1 Tetrachloro-m-xylene

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



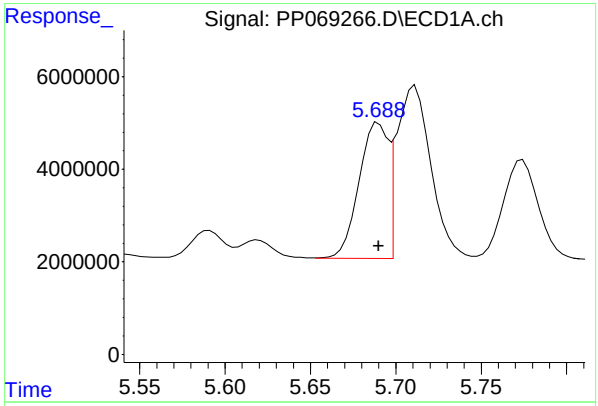
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

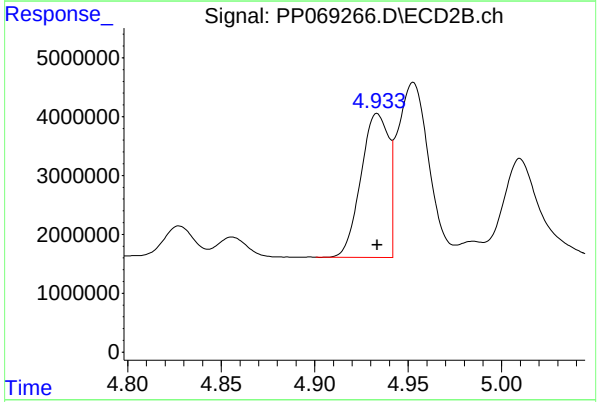
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 80681848
Conc: 74.21 ng/ml



#3 AR-1016-1

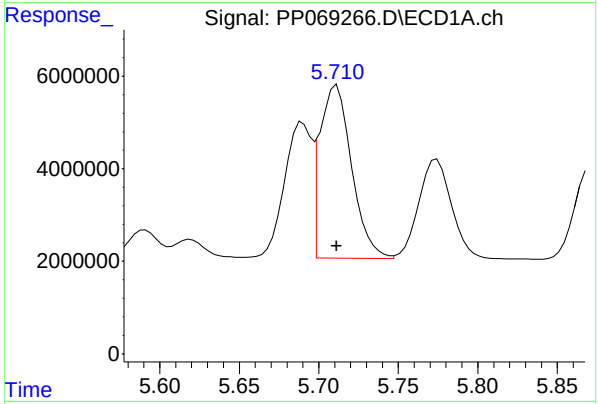
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 34577756
Conc: 741.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



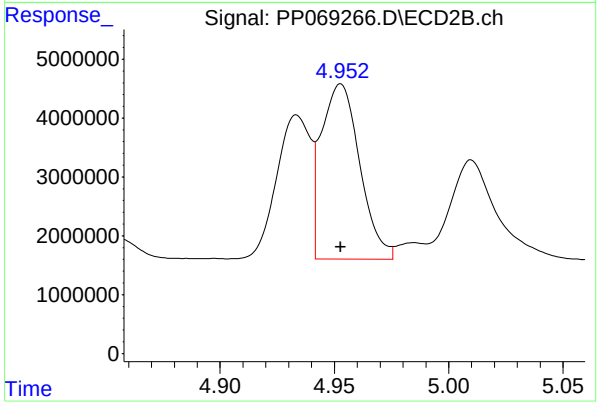
#3 AR-1016-1

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



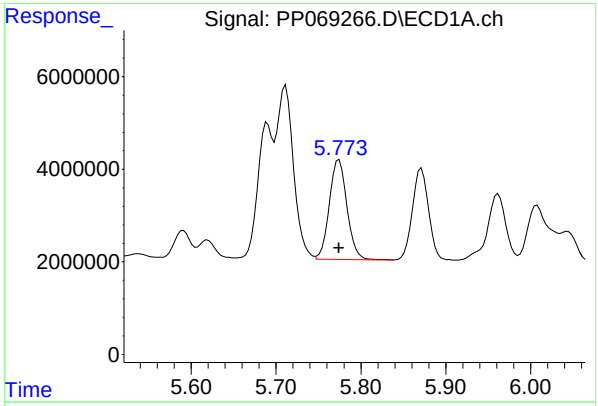
#4 AR-1016-2

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



#4 AR-1016-2

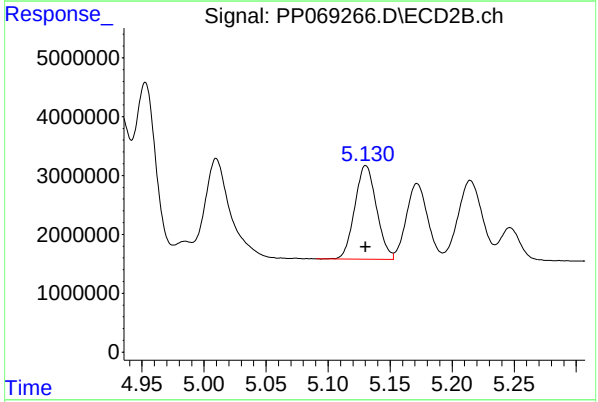
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 34727927
Conc: 758.90 ng/ml



#5 AR-1016-3

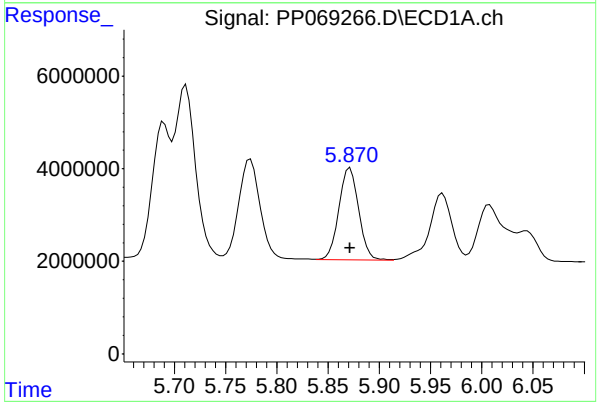
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 31097527
Conc: 741.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



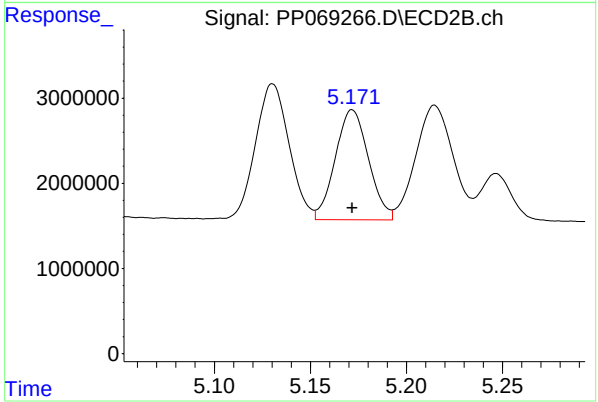
#5 AR-1016-3

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



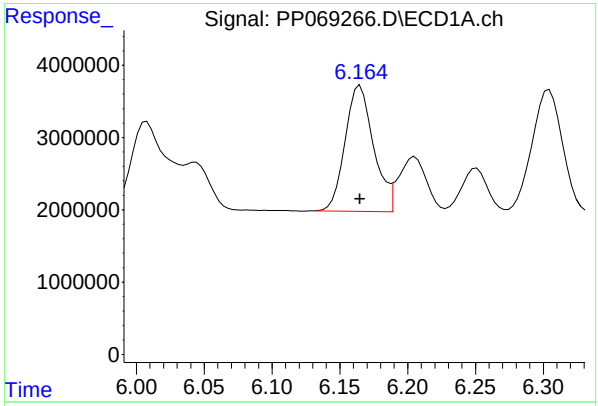
#6 AR-1016-4

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



#6 AR-1016-4

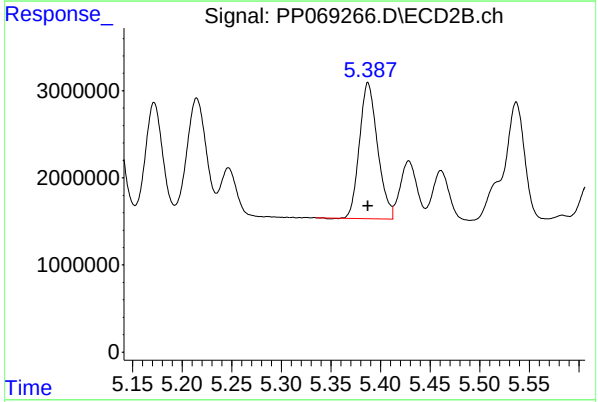
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 15495550
Conc: 760.83 ng/ml



#7 AR-1016-5

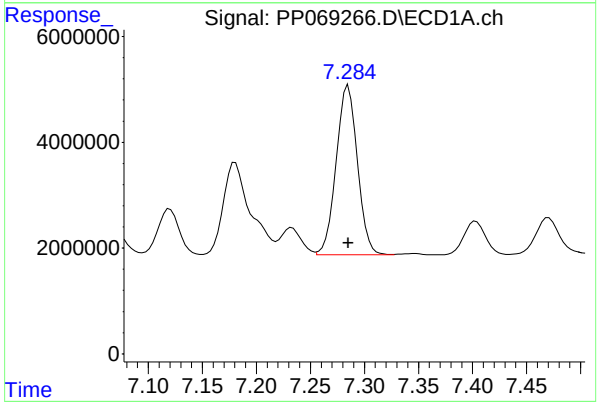
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 25368307
Conc: 753.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



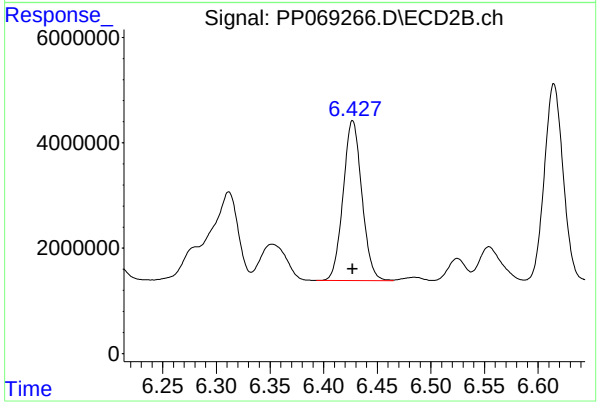
#7 AR-1016-5

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



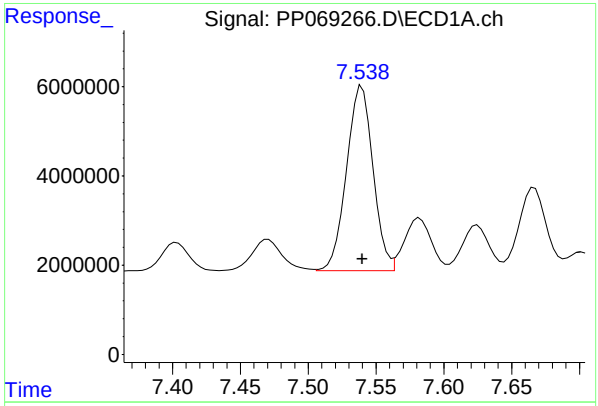
#31 AR-1260-1

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



#31 AR-1260-1

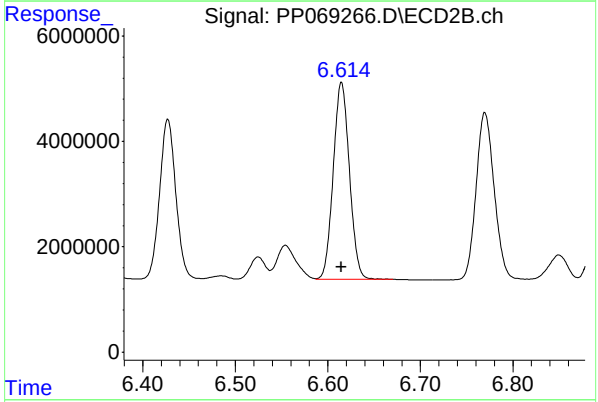
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 36912722
Conc: 768.88 ng/ml



#32 AR-1260-2

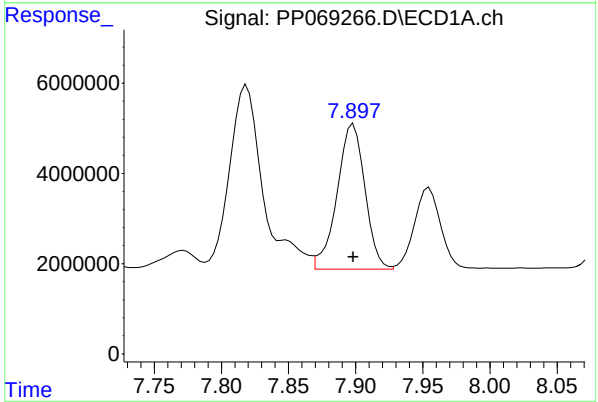
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 56422129
Conc: 749.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



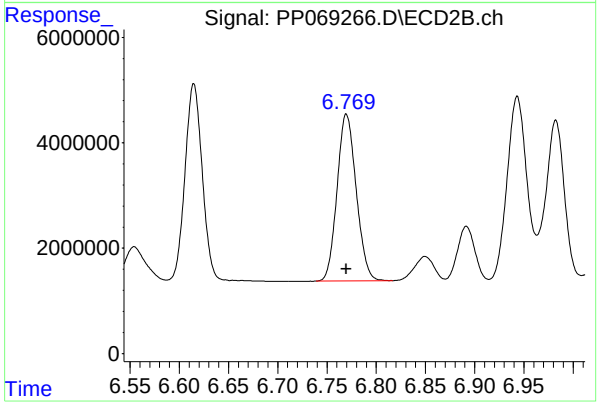
#32 AR-1260-2

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



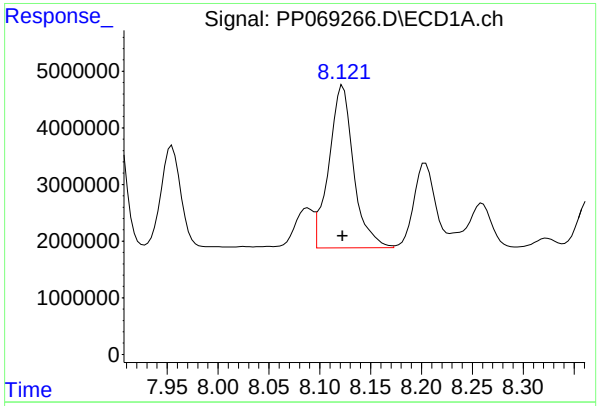
#33 AR-1260-3

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



#33 AR-1260-3

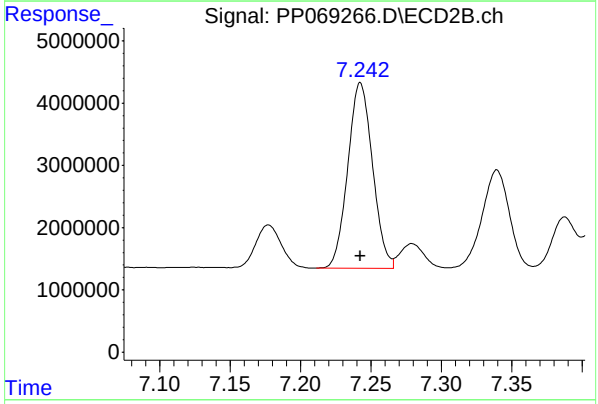
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 42836153
Conc: 771.31 ng/ml



#34 AR-1260-4

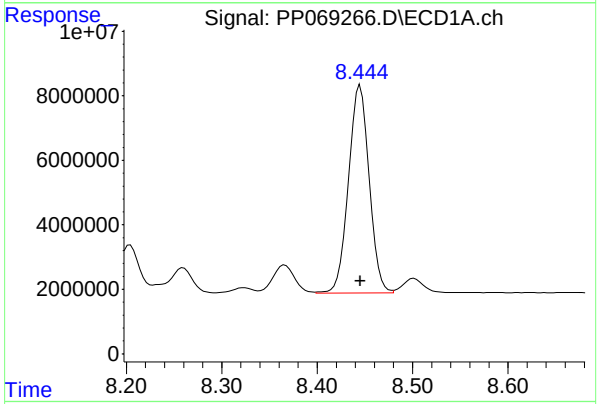
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 48551980
Conc: 750.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



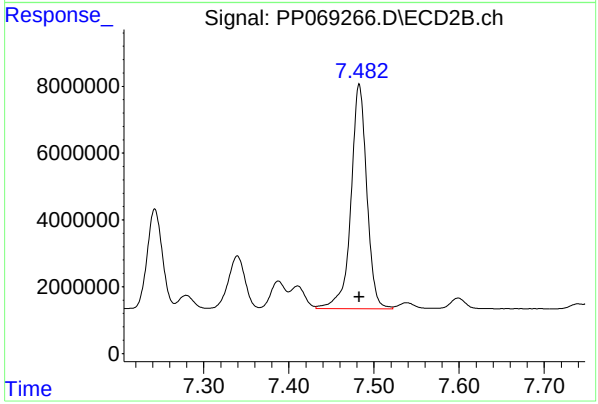
#34 AR-1260-4

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



#35 AR-1260-5

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



#35 AR-1260-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.538	3.840	76123507	47329852	50.000	50.000
2)	SA Decachlor...	10.279	8.911	58476460	55212996	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.692	4.934	24597370	16740468	500.000	500.000
4)	L1 AR-1016-2	5.714	4.953	35329099	23473253	500.000	500.000
5)	L1 AR-1016-3	5.776	5.130	22206817	12794594	500.000	500.000
6)	L1 AR-1016-4	5.874	5.172	18359887	10500306	500.000	500.000
7)	L1 AR-1016-5	6.167	5.388	17535770	13556639	500.000	500.000
31)	L7 AR-1260-1	7.287	6.426	30663621	24622834	500.000	500.000
32)	L7 AR-1260-2	7.541	6.615	39374261	31244422	500.000	500.000
33)	L7 AR-1260-3	7.900	6.770	32174651	28466392	500.000	500.000
34)	L7 AR-1260-4	8.125	7.242	33771200	23803698	500.000	500.000
35)	L7 AR-1260-5	8.447	7.484	67814967	56300228	500.000	500.000

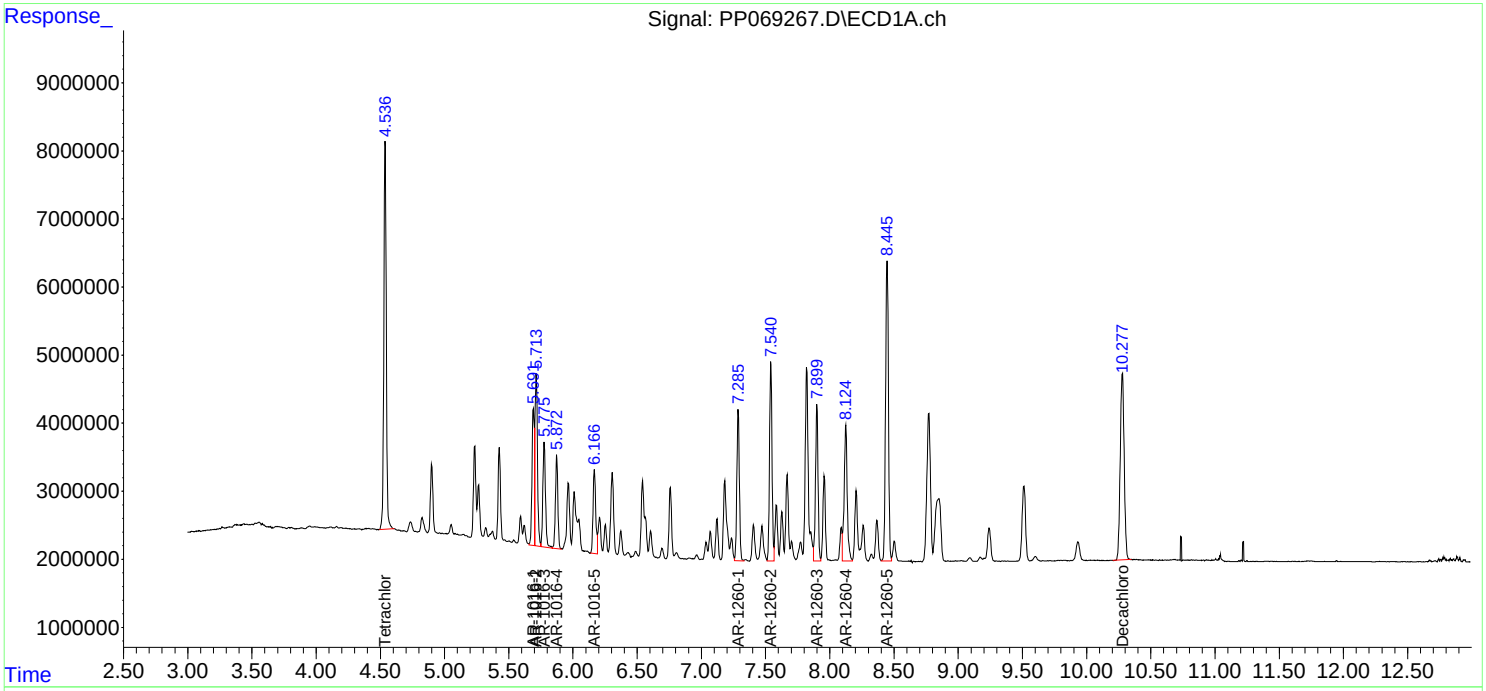
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

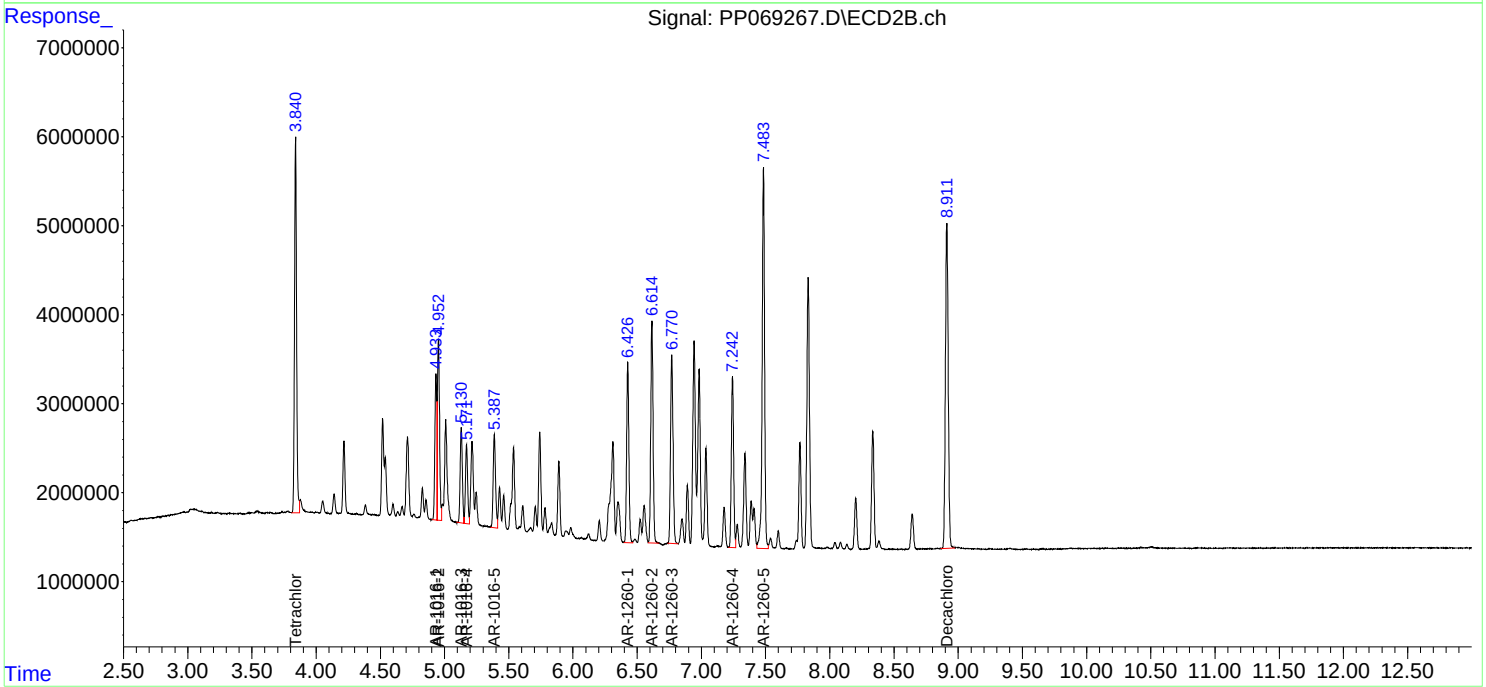
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069267.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 10:10
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

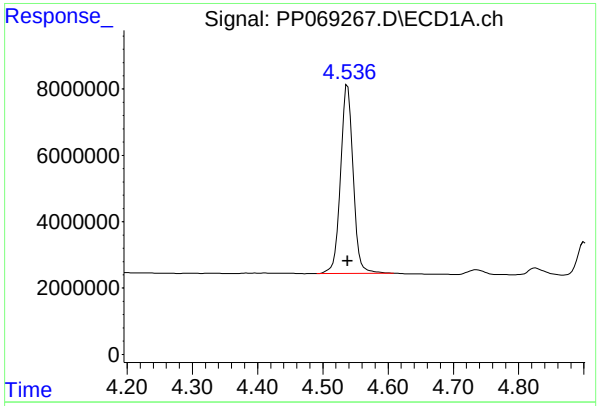
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

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

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



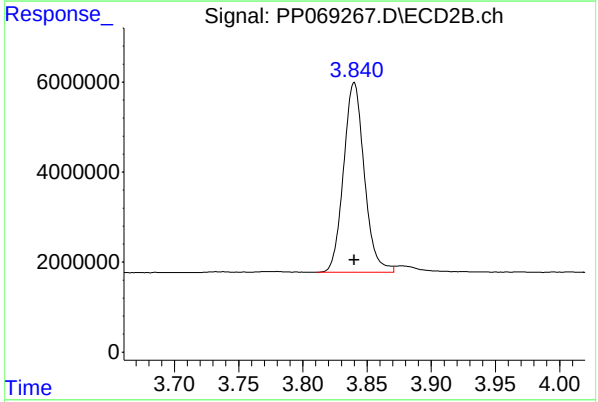




#1 Tetrachloro-m-xylene

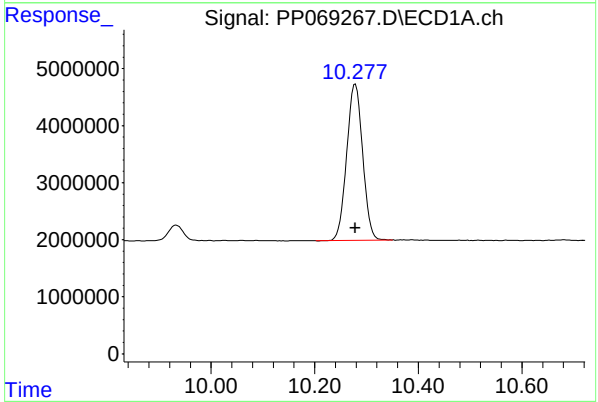
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 76123507
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



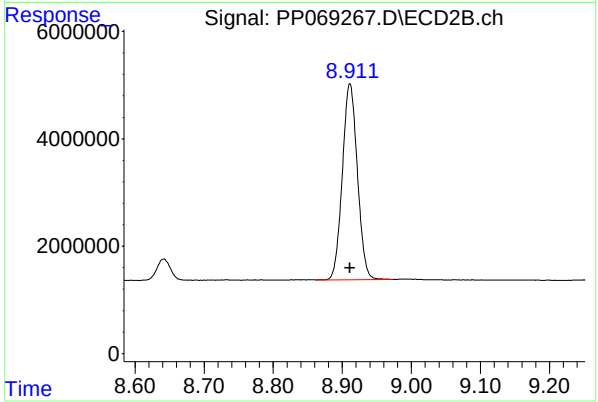
#1 Tetrachloro-m-xylene

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



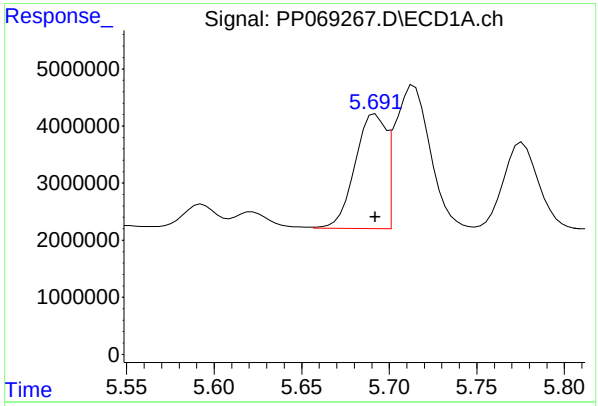
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

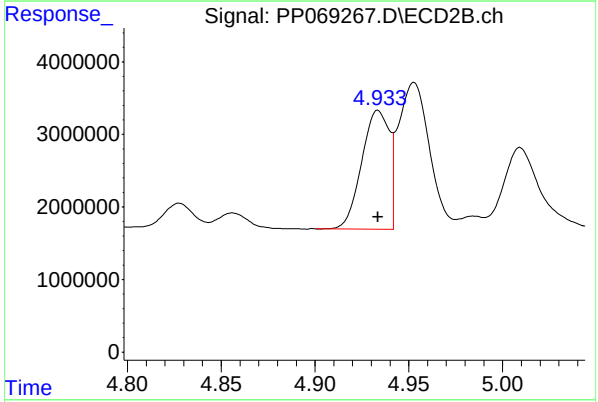
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 55212996
Conc: 50.00 ng/ml



#3 AR-1016-1

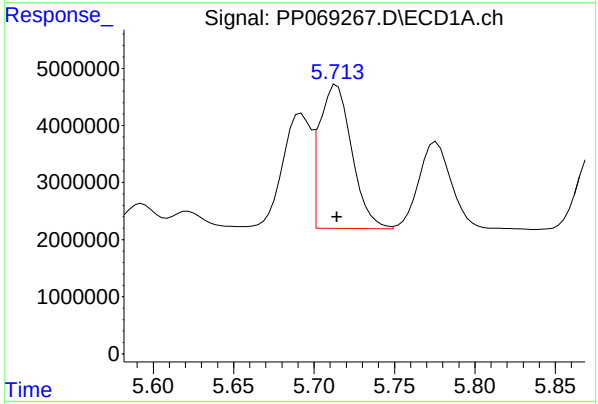
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 24597370
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



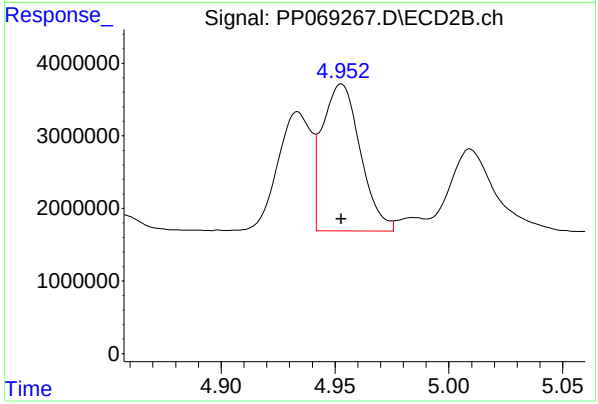
#3 AR-1016-1

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



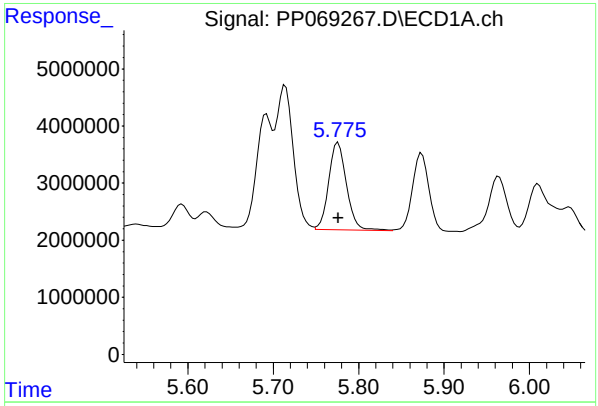
#4 AR-1016-2

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



#4 AR-1016-2

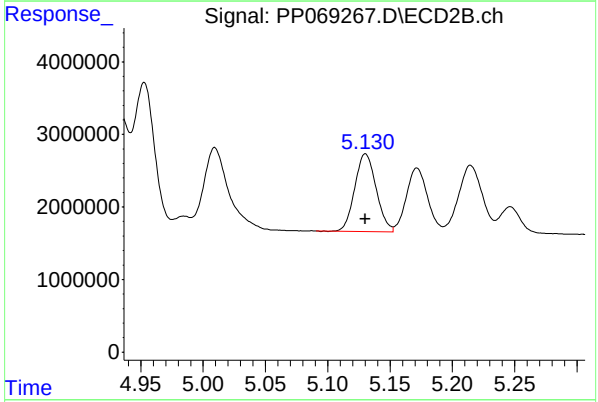
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 23473253
Conc: 500.00 ng/ml



#5 AR-1016-3

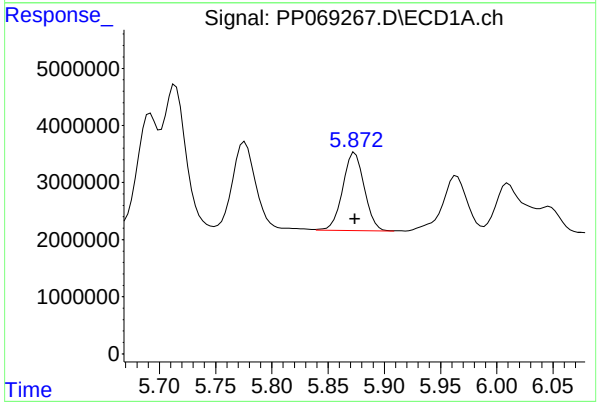
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 22206817
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



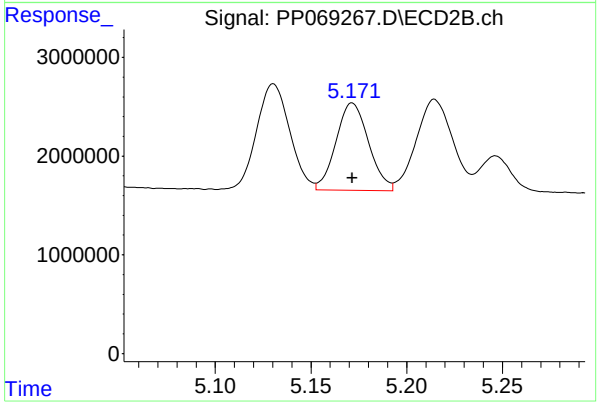
#5 AR-1016-3

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



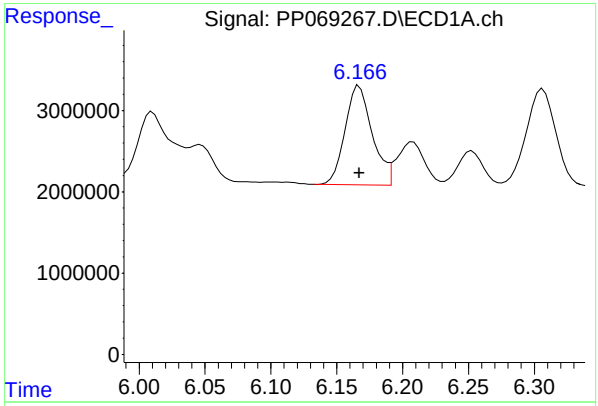
#6 AR-1016-4

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



#6 AR-1016-4

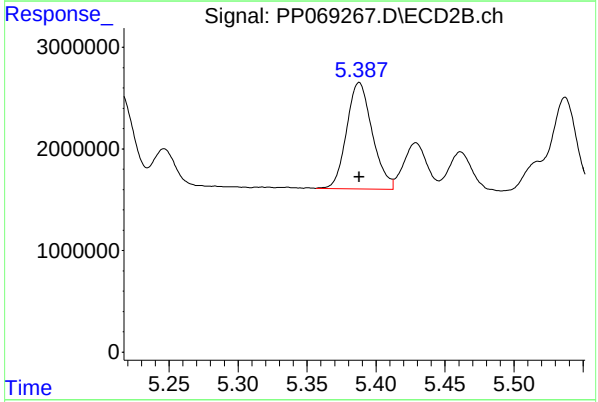
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 10500306
Conc: 500.00 ng/ml



#7 AR-1016-5

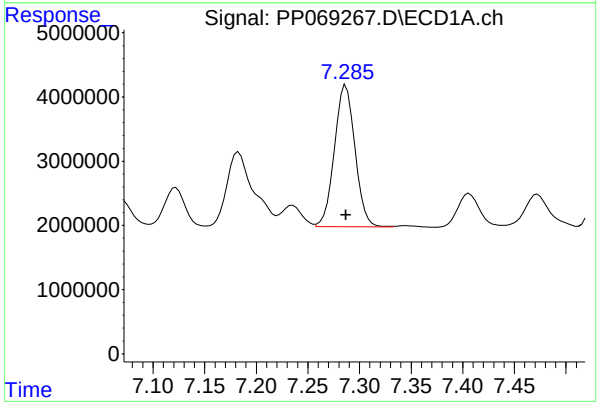
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 17535770
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



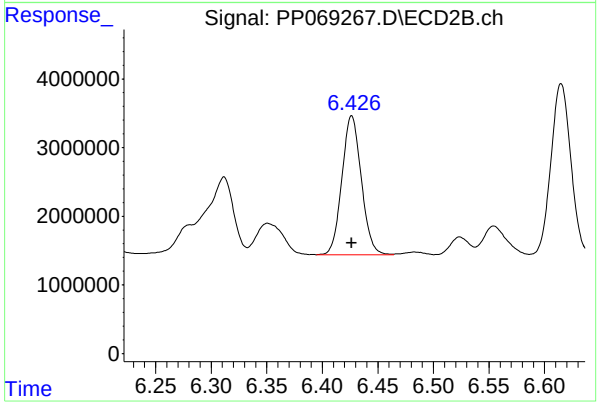
#7 AR-1016-5

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



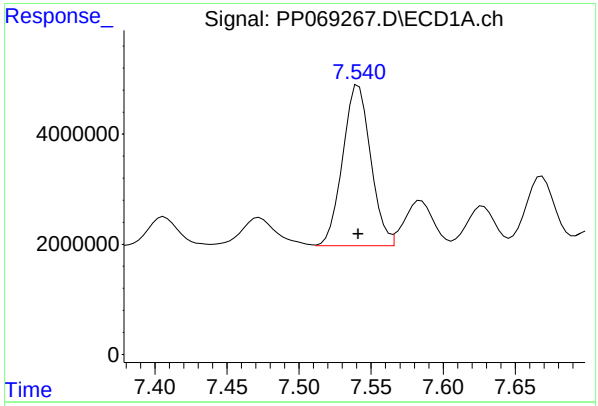
#31 AR-1260-1

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



#31 AR-1260-1

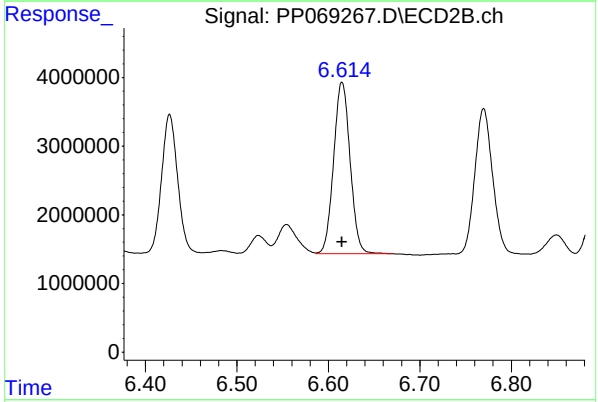
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 24622834
Conc: 500.00 ng/ml



#32 AR-1260-2

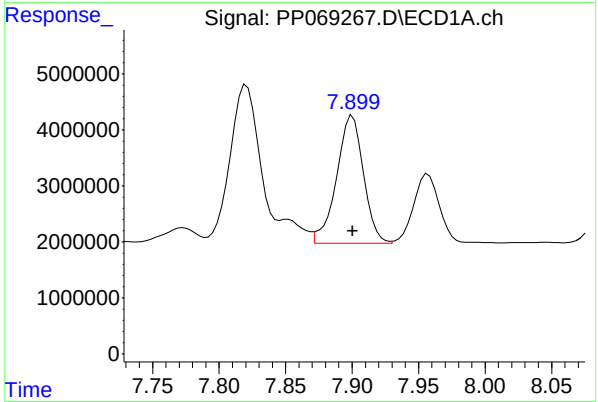
R.T.: 7.541 min
Delta R.T.: 0.000 min
Response: 39374261
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



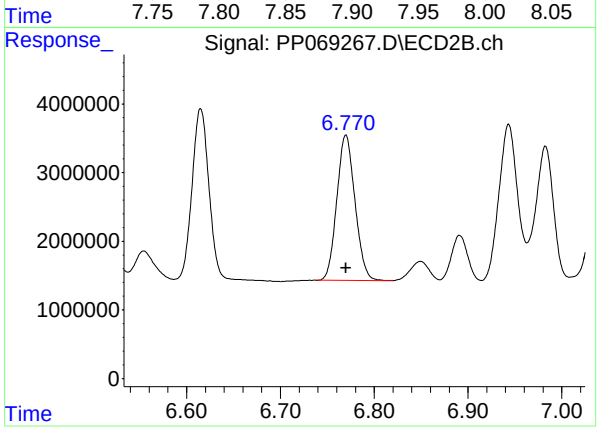
#32 AR-1260-2

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



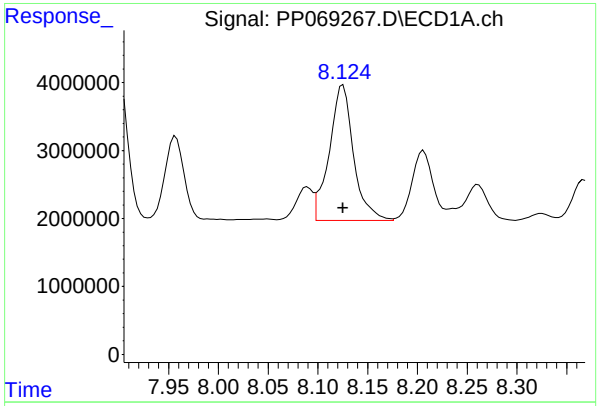
#33 AR-1260-3

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



#33 AR-1260-3

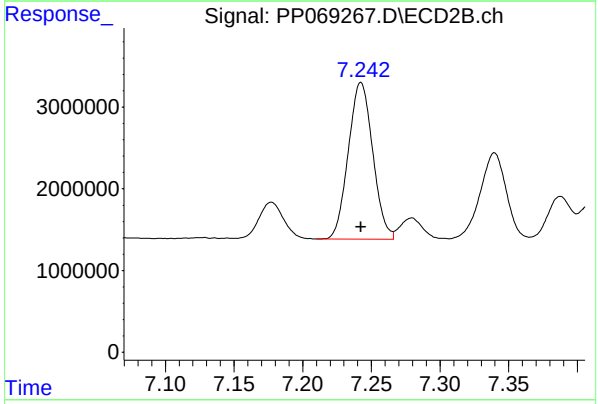
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 28466392
Conc: 500.00 ng/ml



#34 AR-1260-4

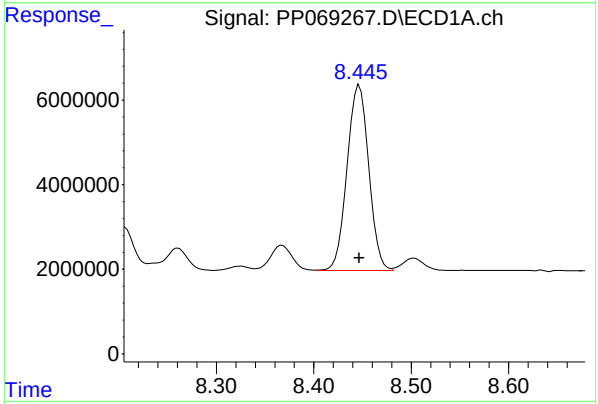
R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 33771200
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



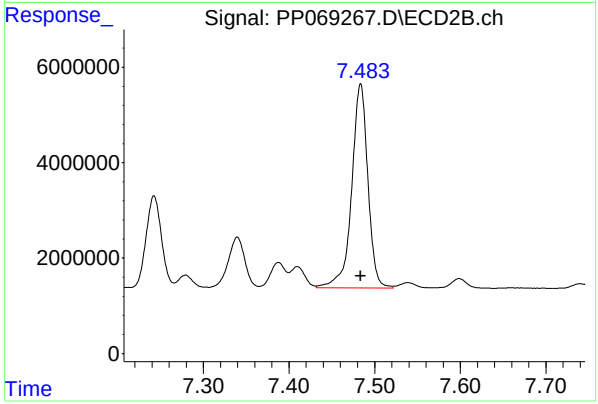
#34 AR-1260-4

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



#35 AR-1260-5

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



#35 AR-1260-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.534	3.840	39276963	24793376	26.194	26.354
2)	SA Decachlor...	10.275	8.911	31087394	33225807	27.041	28.951
	Target Compounds						
3)	L1 AR-1016-1	5.688	4.933	12563303	9488743	264.330	277.802
4)	L1 AR-1016-2	5.711	4.953	18984700	12921784	268.817	273.521
5)	L1 AR-1016-3	5.773	5.130	12148331	7146935	278.728	274.217
6)	L1 AR-1016-4	5.870	5.172	9492997	5871865	264.240	277.672
7)	L1 AR-1016-5	6.164	5.388	9189623	7810918	266.859	283.693
31)	L7 AR-1260-1	7.284	6.426	16281711	13934776	270.640	279.024
32)	L7 AR-1260-2	7.538	6.615	21334462	17223796	274.253	277.488
33)	L7 AR-1260-3	7.897	6.770	17319183	16433686	271.253	282.919
34)	L7 AR-1260-4	8.121	7.242	18337608	13582568	274.347	277.980
35)	L7 AR-1260-5	8.443	7.483	36124405	31649507	269.836	271.772

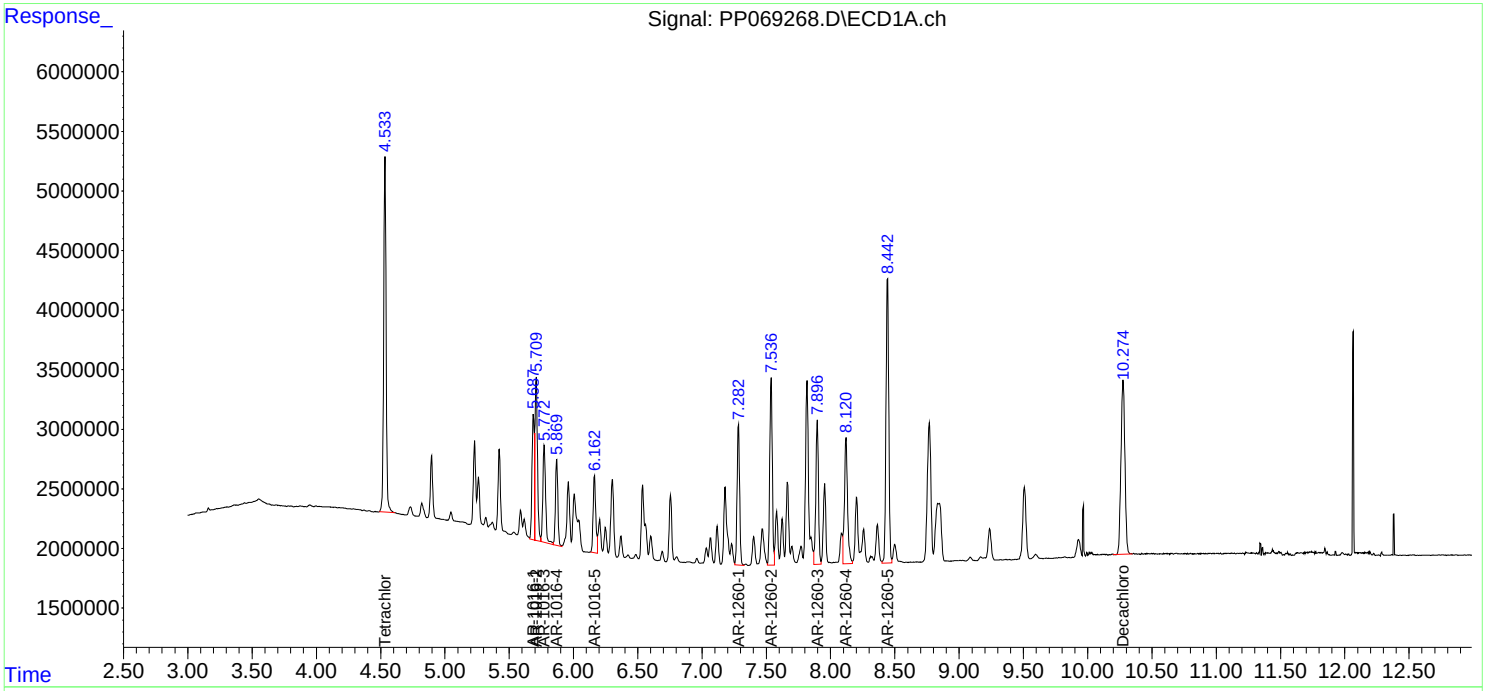
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

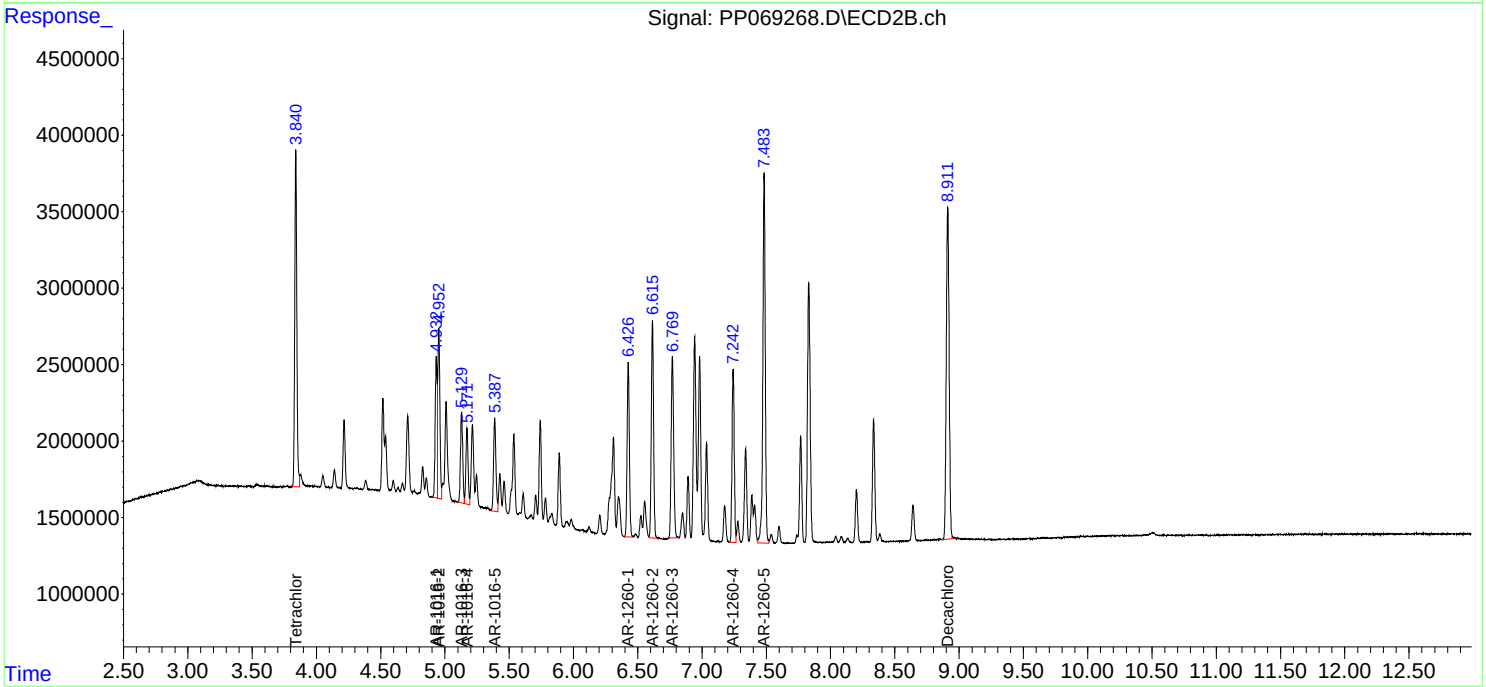
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 10:26
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

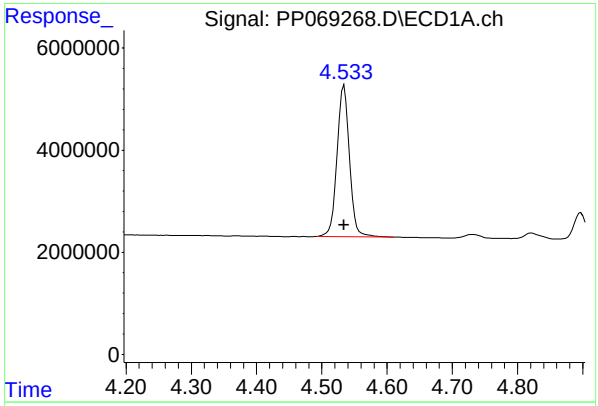
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

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

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



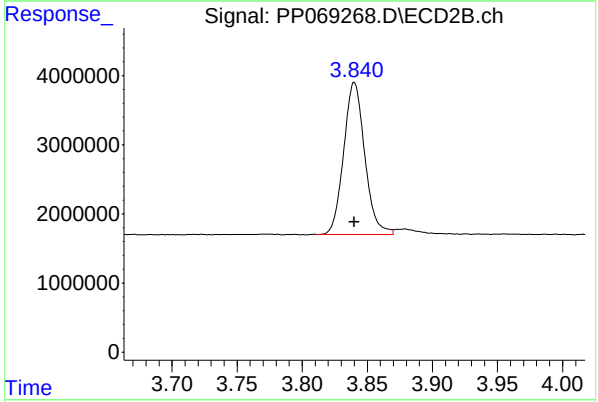




#1 Tetrachloro-m-xylene

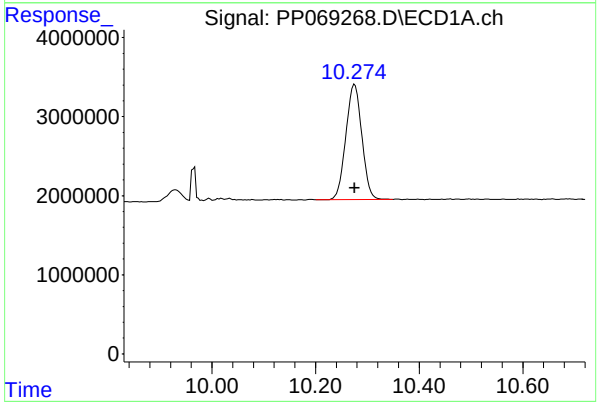
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 39276963
Conc: 26.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



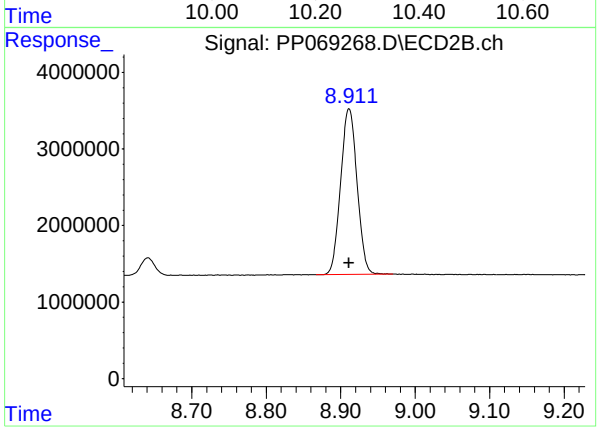
#1 Tetrachloro-m-xylene

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



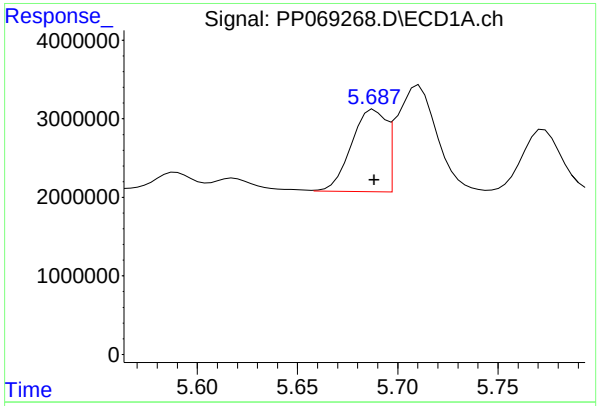
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

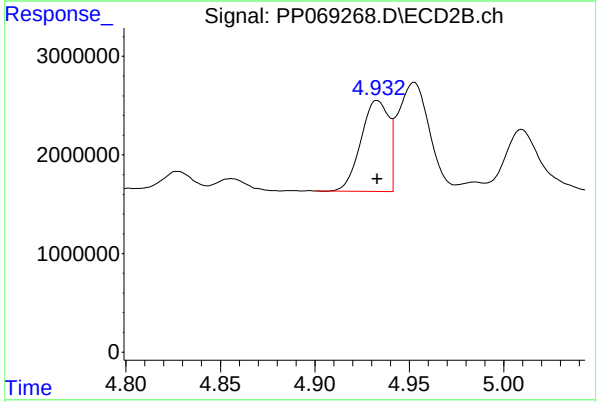
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 33225807
Conc: 28.95 ng/ml



#3 AR-1016-1

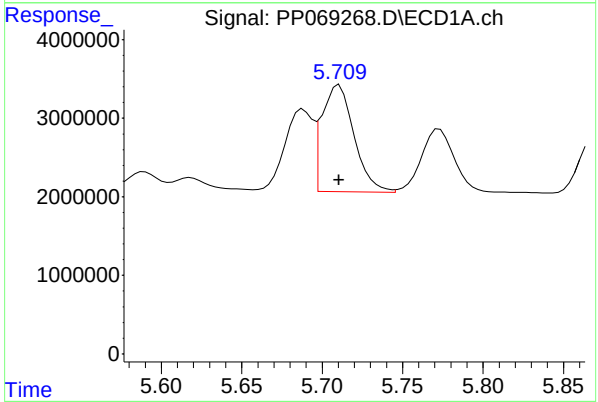
R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 12563303
Conc: 264.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



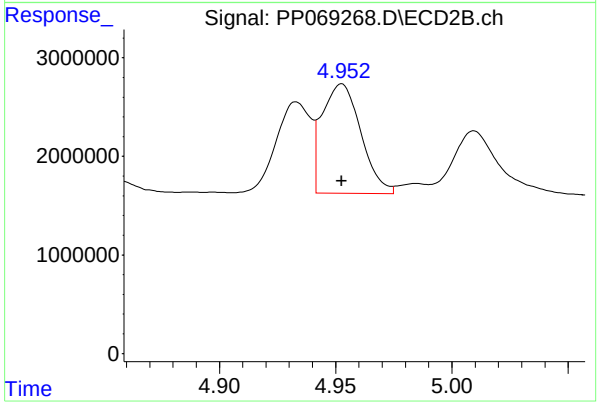
#3 AR-1016-1

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



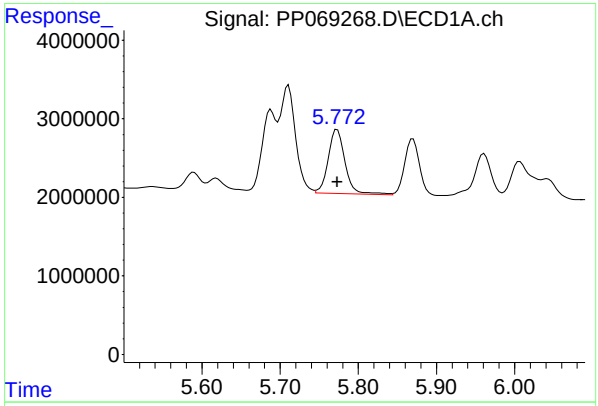
#4 AR-1016-2

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



#4 AR-1016-2

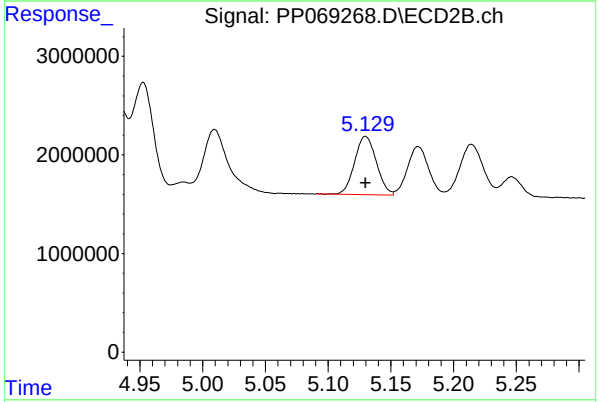
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 12921784
Conc: 273.52 ng/ml



#5 AR-1016-3

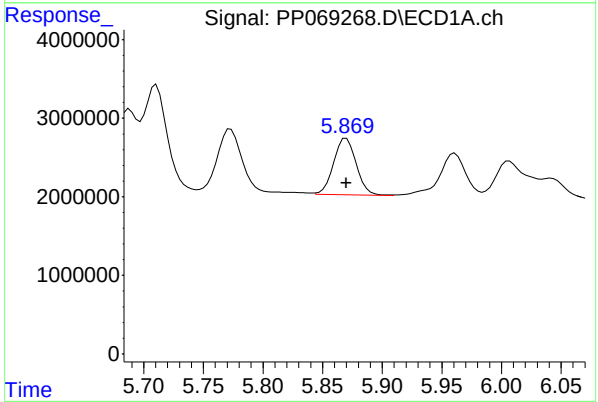
R.T.: 5.773 min
Delta R.T.: 0.000 min
Response: 12148331
Conc: 278.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



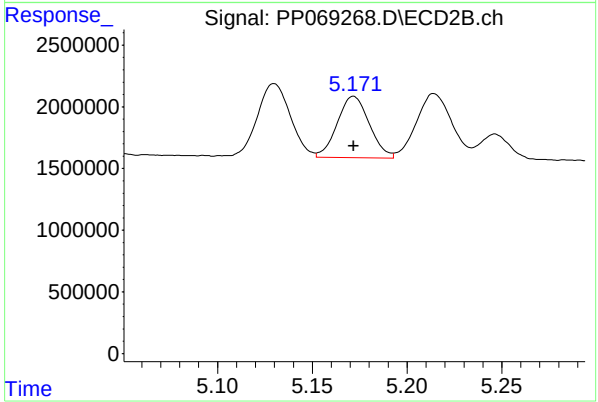
#5 AR-1016-3

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



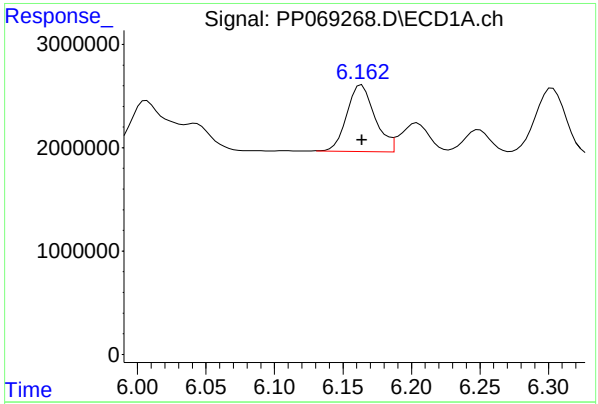
#6 AR-1016-4

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



#6 AR-1016-4

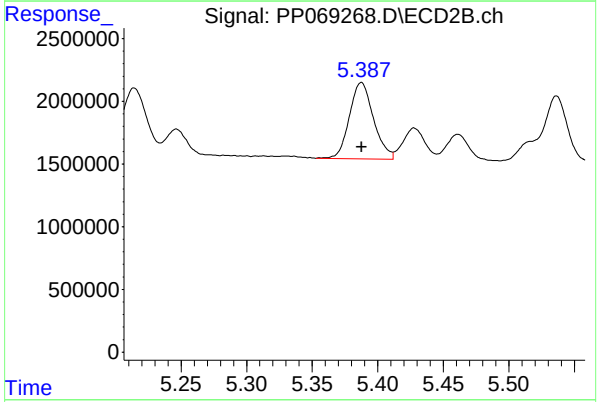
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 5871865
Conc: 277.67 ng/ml



#7 AR-1016-5

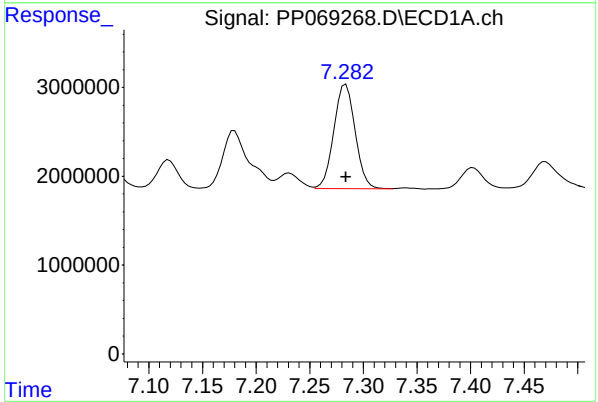
R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 9189623
Conc: 266.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



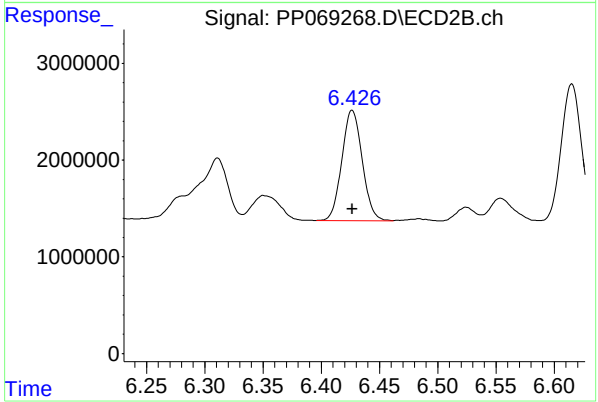
#7 AR-1016-5

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



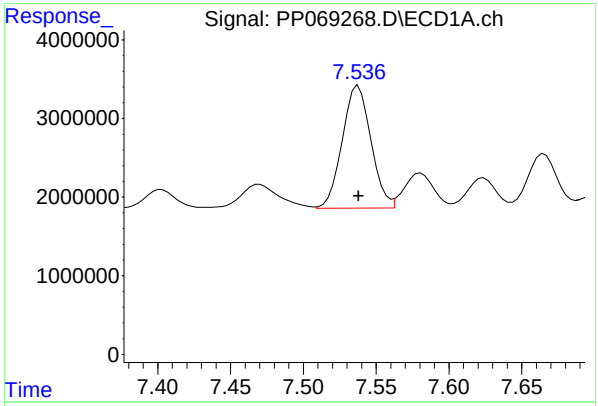
#31 AR-1260-1

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



#31 AR-1260-1

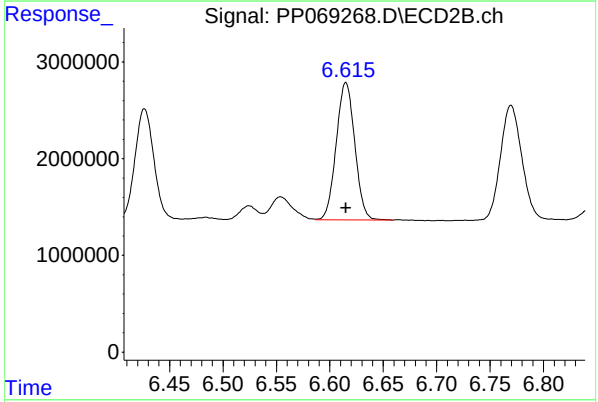
R.T.: 6.426 min
Delta R.T.: 0.000 min
Response: 13934776
Conc: 279.02 ng/ml



#32 AR-1260-2

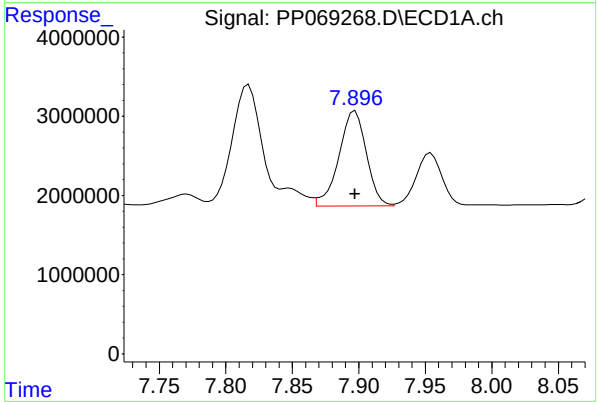
R.T.: 7.538 min
Delta R.T.: 0.000 min
Response: 21334462
Conc: 274.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



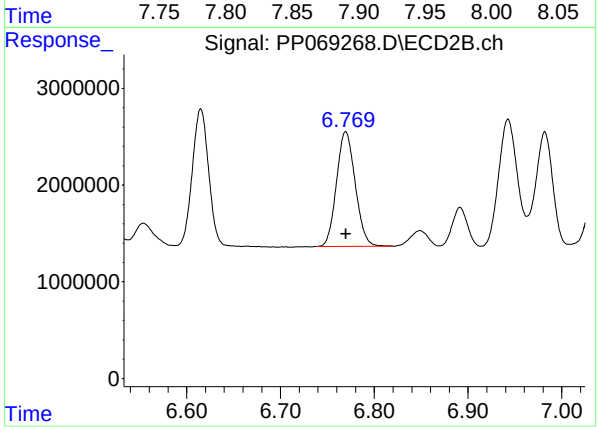
#32 AR-1260-2

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



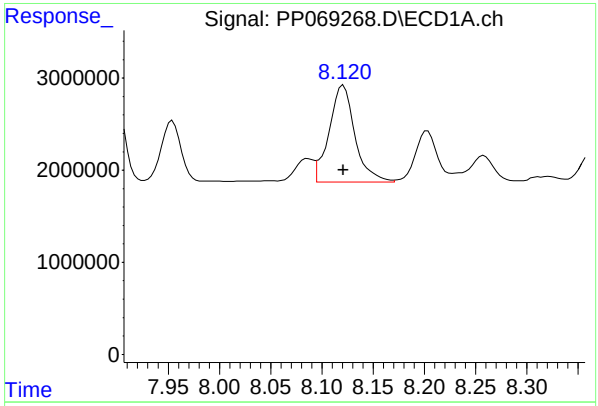
#33 AR-1260-3

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



#33 AR-1260-3

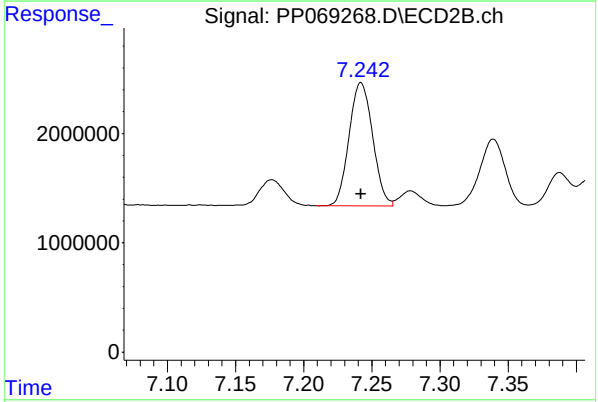
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 16433686
Conc: 282.92 ng/ml



#34 AR-1260-4

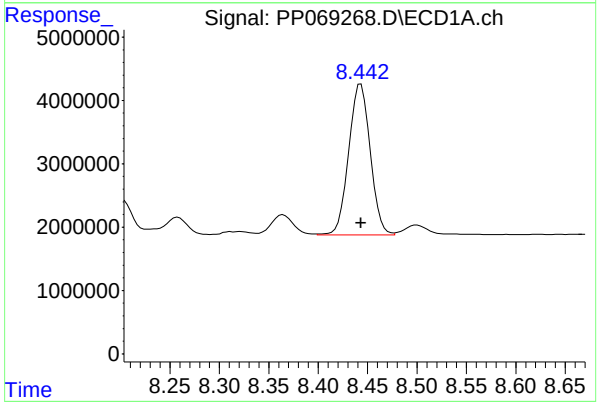
R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 18337608
Conc: 274.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



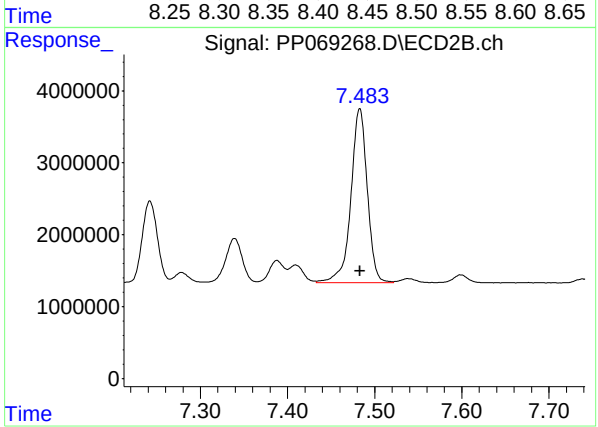
#34 AR-1260-4

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



#35 AR-1260-5

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



#35 AR-1260-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

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

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

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

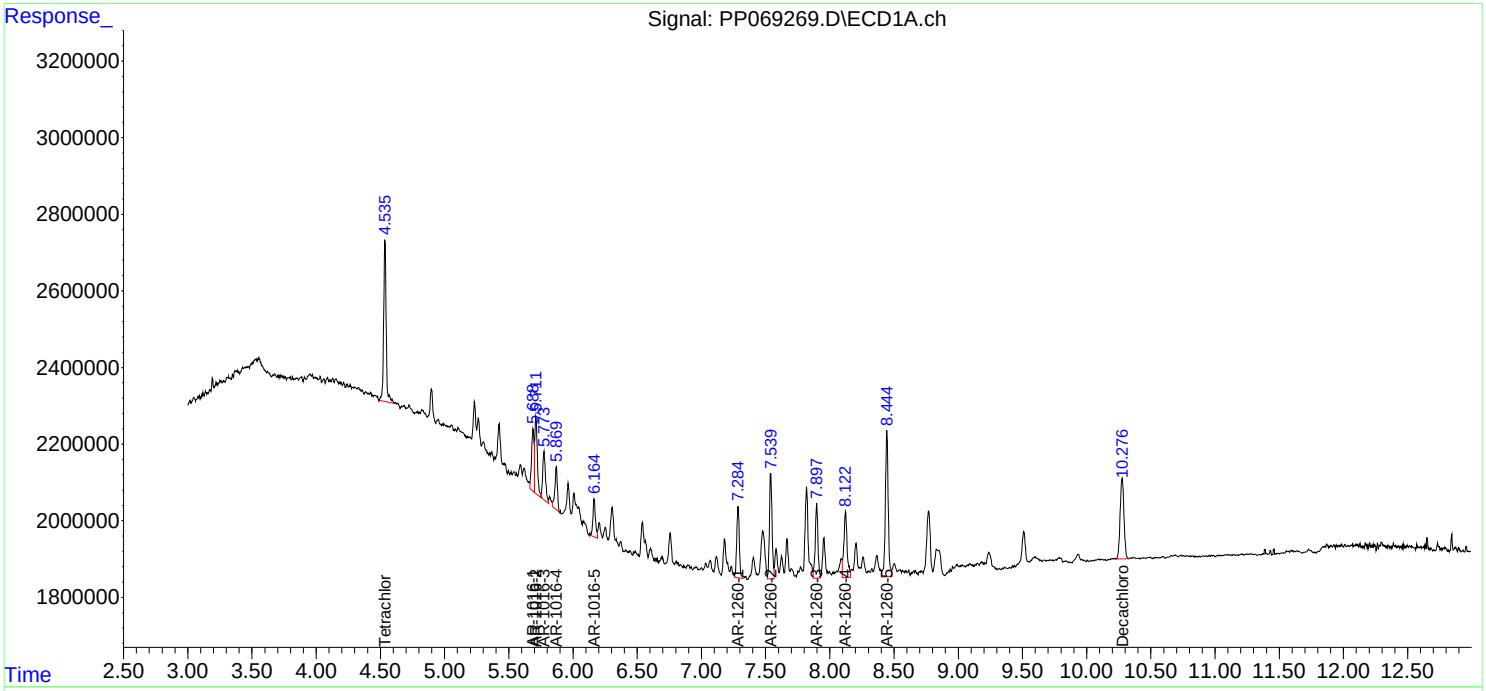
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

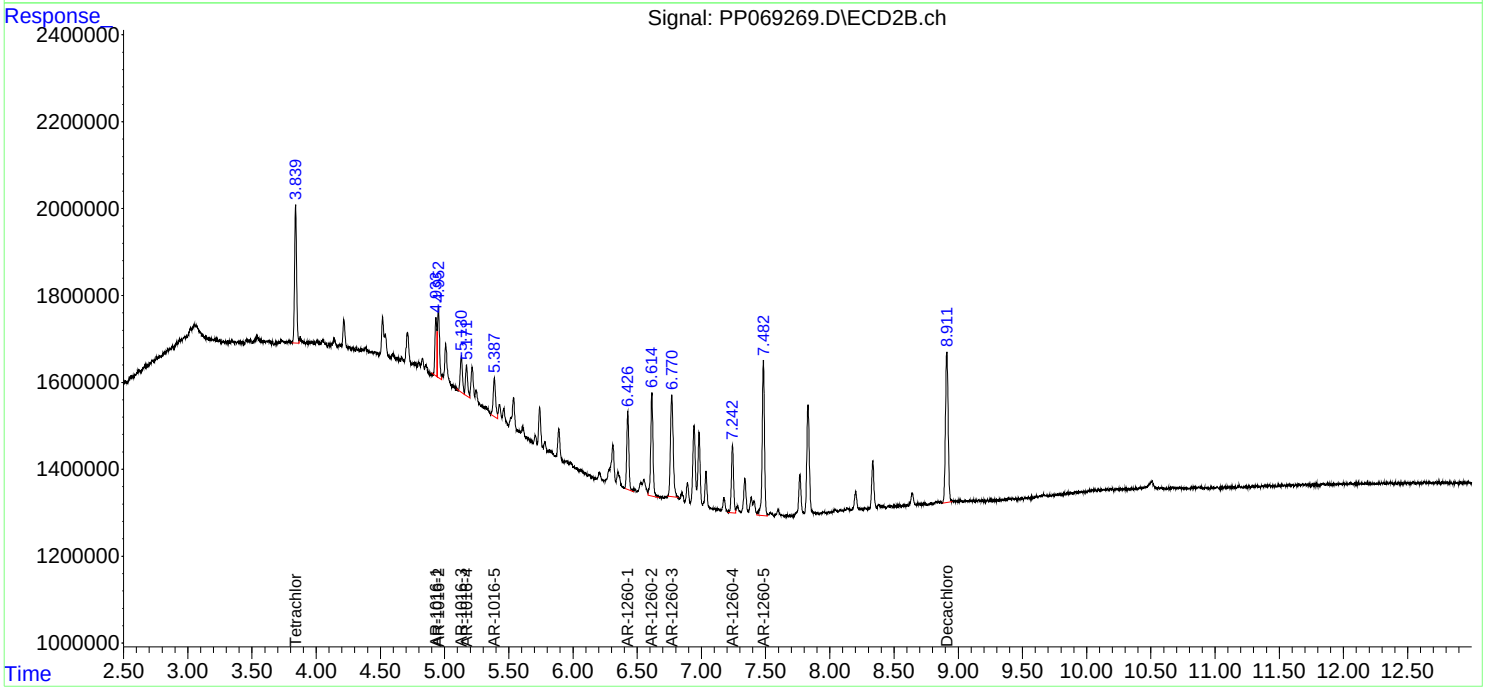
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:15
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

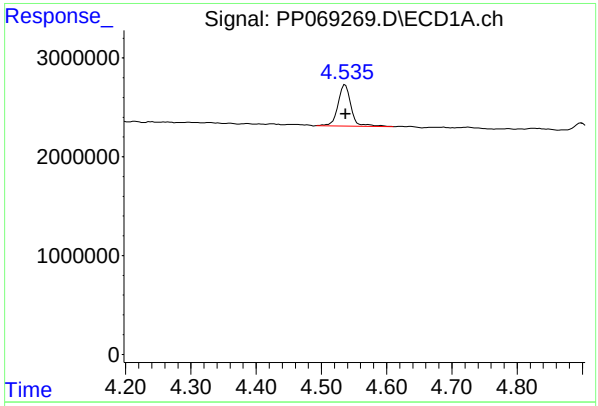
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

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

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



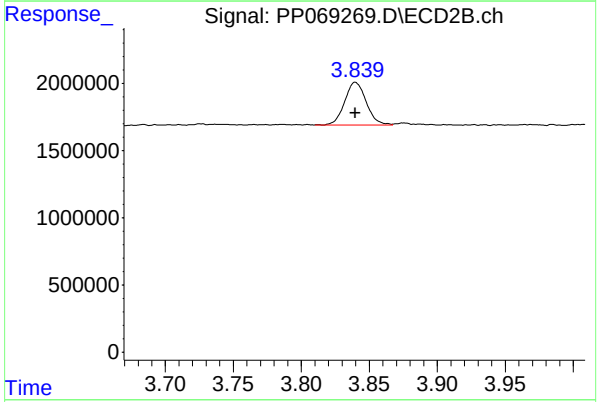




#1 Tetrachloro-m-xylene

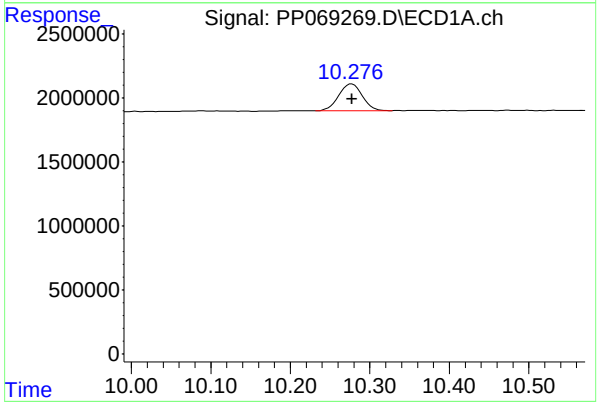
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 5797759
Conc: 4.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



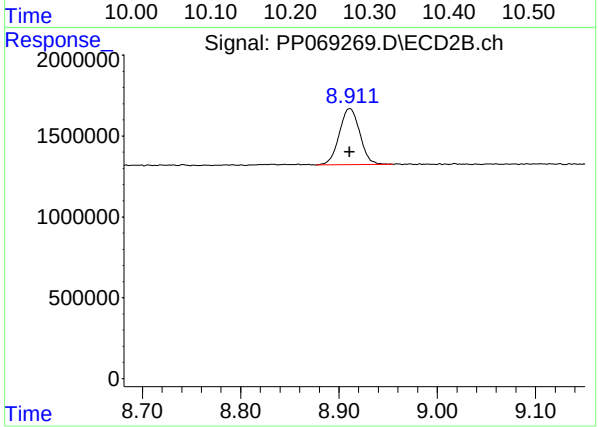
#1 Tetrachloro-m-xylene

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



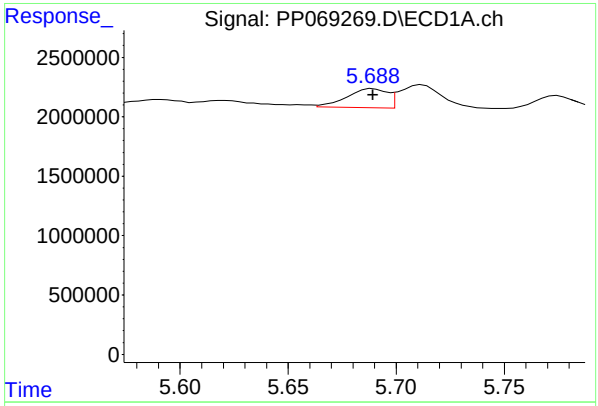
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

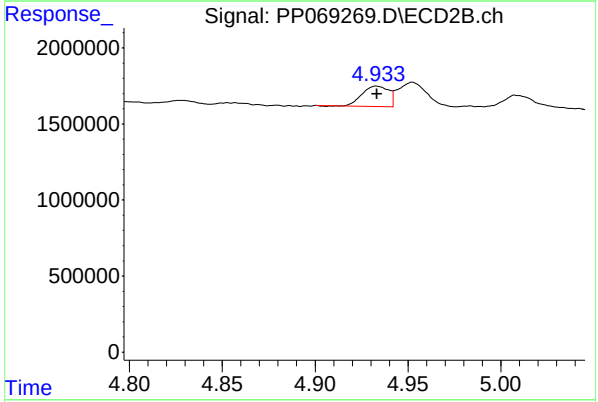
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 5008609
Conc: 4.48 ng/ml



#3 AR-1016-1

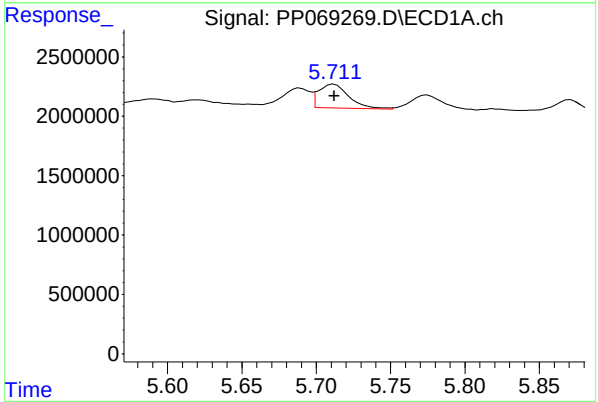
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 2077472
Conc: 44.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



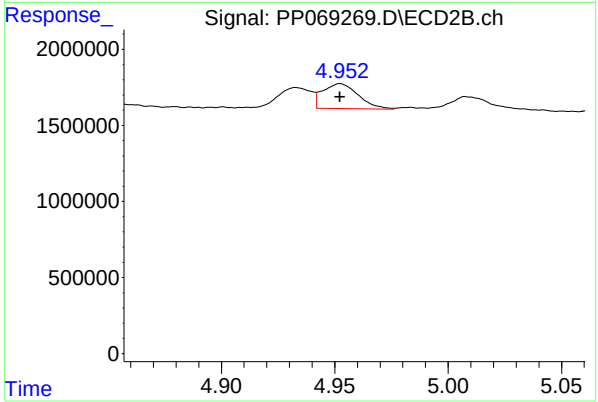
#3 AR-1016-1

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



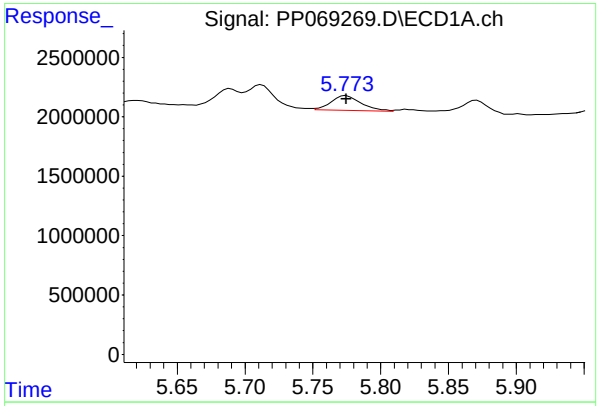
#4 AR-1016-2

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



#4 AR-1016-2

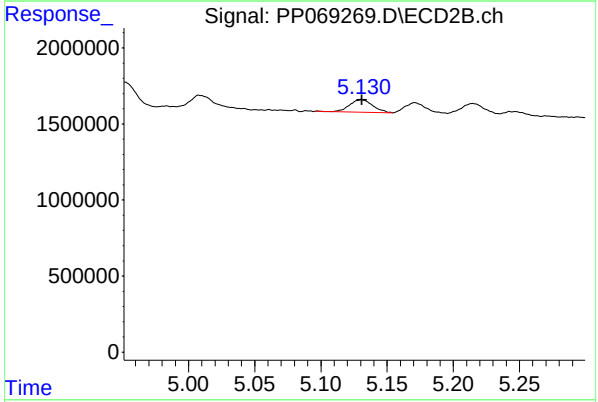
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 1791138
Conc: 39.84 ng/ml



#5 AR-1016-3

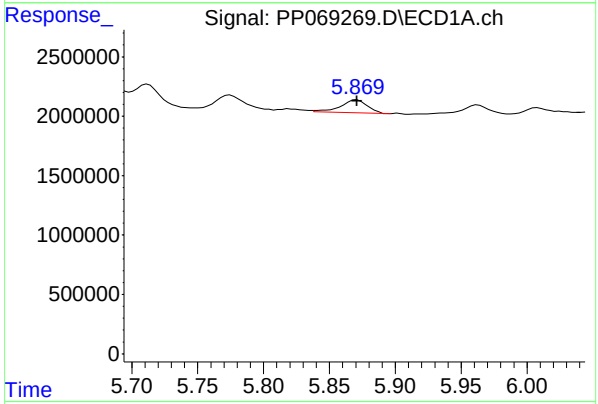
R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 1932164
Conc: 45.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



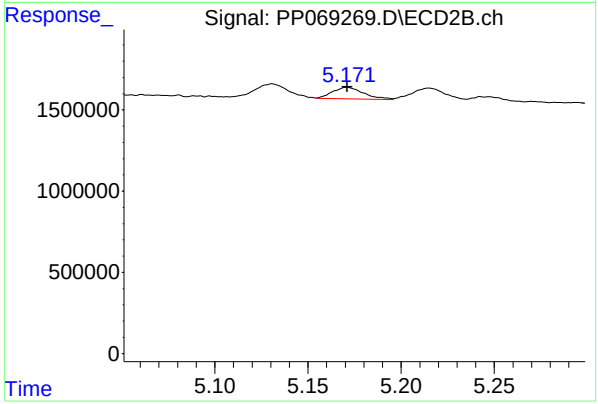
#5 AR-1016-3

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



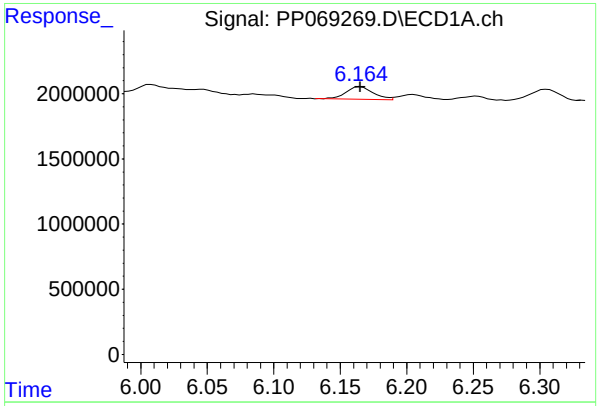
#6 AR-1016-4

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



#6 AR-1016-4

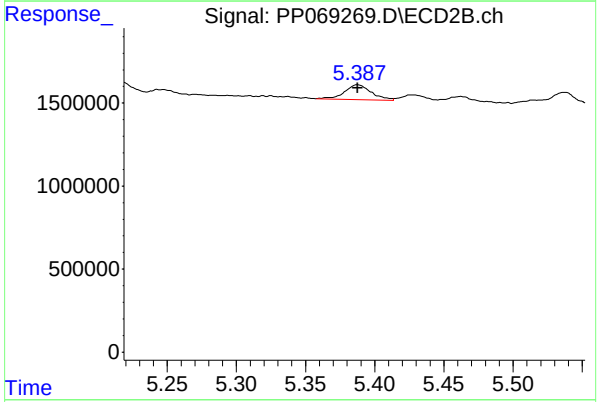
R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 819718
Conc: 40.59 ng/ml



#7 AR-1016-5

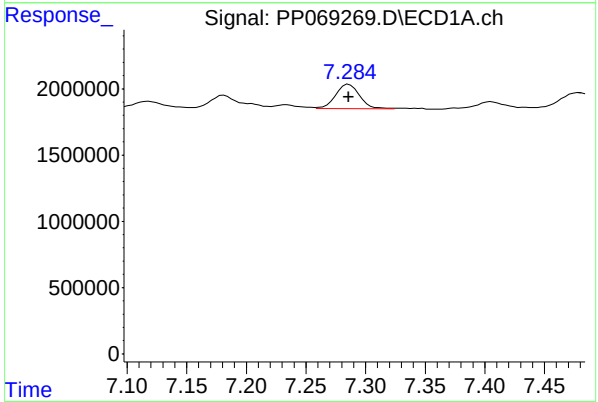
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 1377377
Conc: 41.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



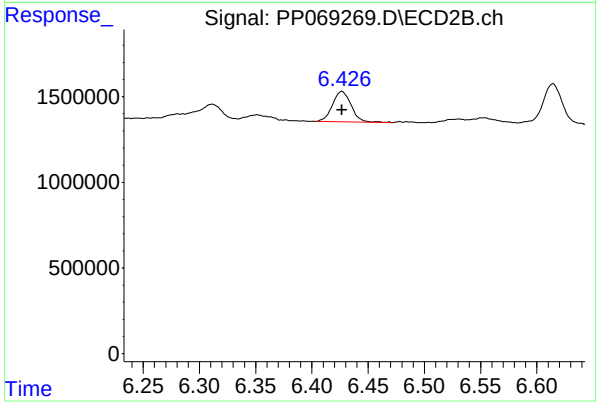
#7 AR-1016-5

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



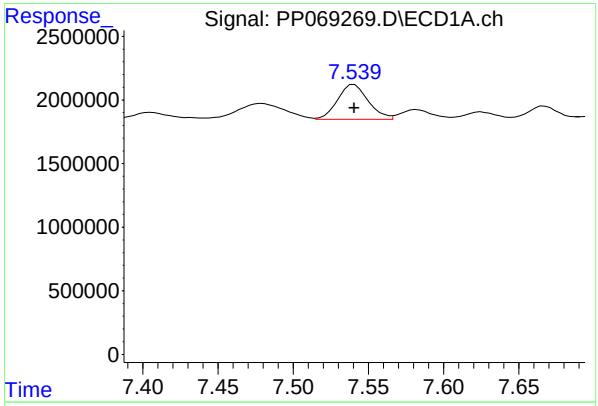
#31 AR-1260-1

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



#31 AR-1260-1

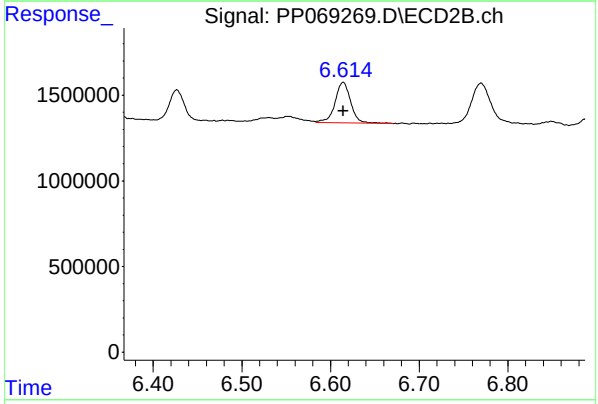
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 2069154
Conc: 42.90 ng/ml



#32 AR-1260-2

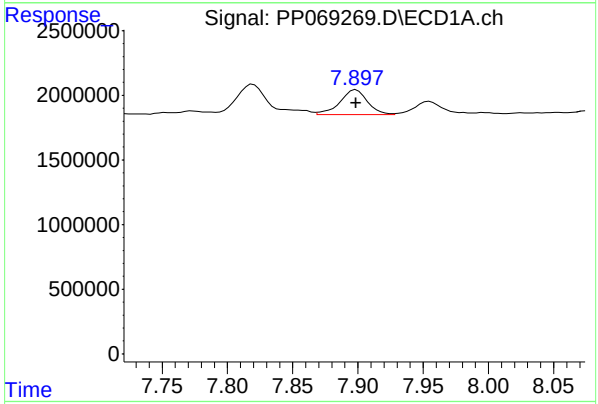
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 3894980
Conc: 50.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



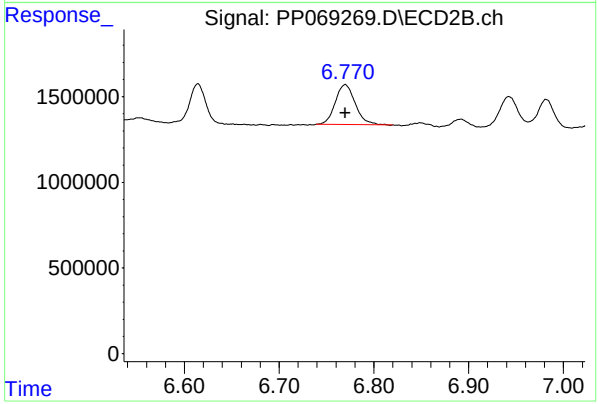
#32 AR-1260-2

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



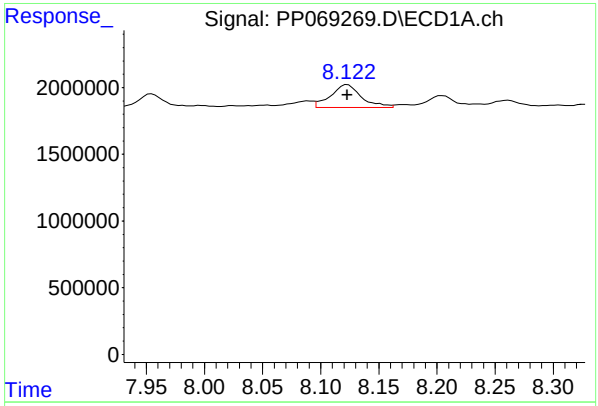
#33 AR-1260-3

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



#33 AR-1260-3

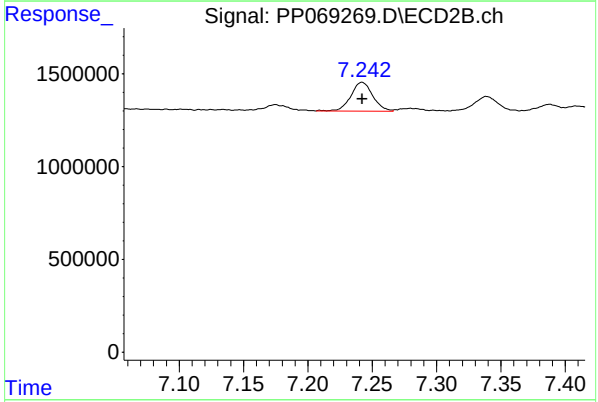
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 3421860
Conc: 56.88 ng/ml



#34 AR-1260-4

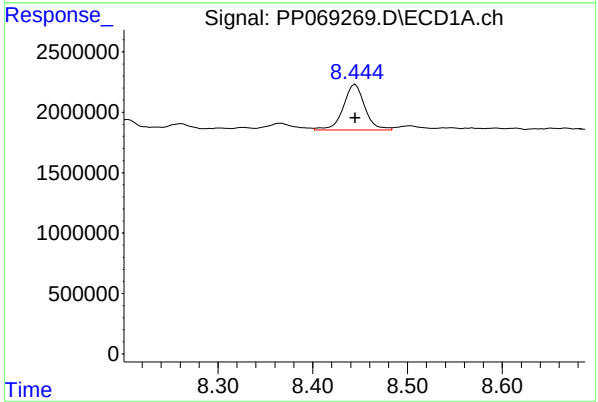
R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 3126001
Conc: 47.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



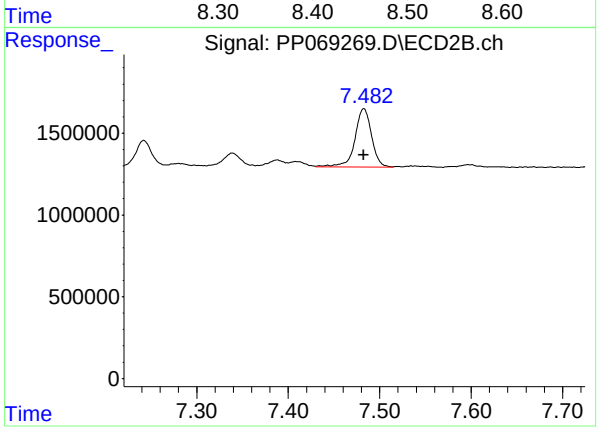
#34 AR-1260-4

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



#35 AR-1260-5

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



#35 AR-1260-5

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

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

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.841	77593750	47197929	50.000	50.000
2)	SA Decachlor...	10.277	8.912	57060610	57628532	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.737	4.054	9509743	6159012	500.000	500.000
9)	L2 AR-1221-2	4.823	4.140	6846250	4841688	500.000	500.000
10)	L2 AR-1221-3	4.899	4.218	20971708	14587072	500.000	500.000

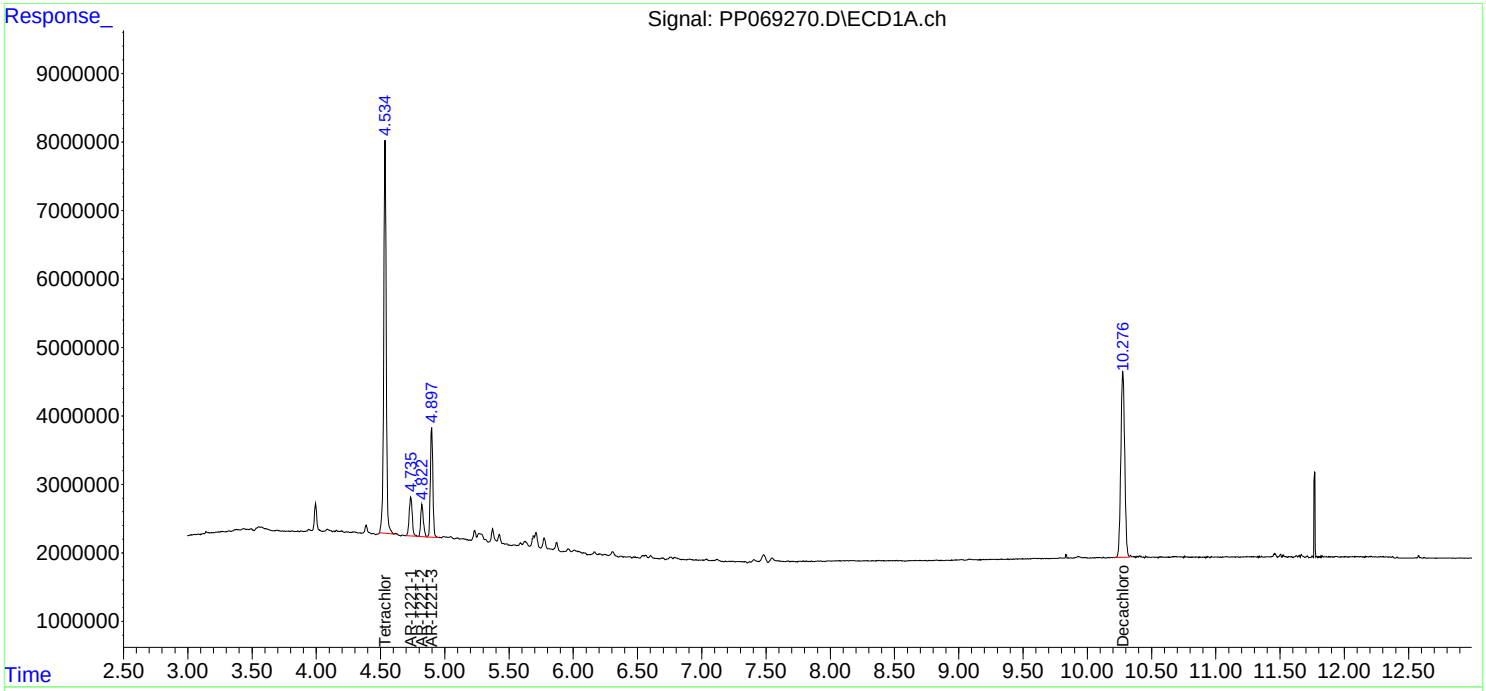
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

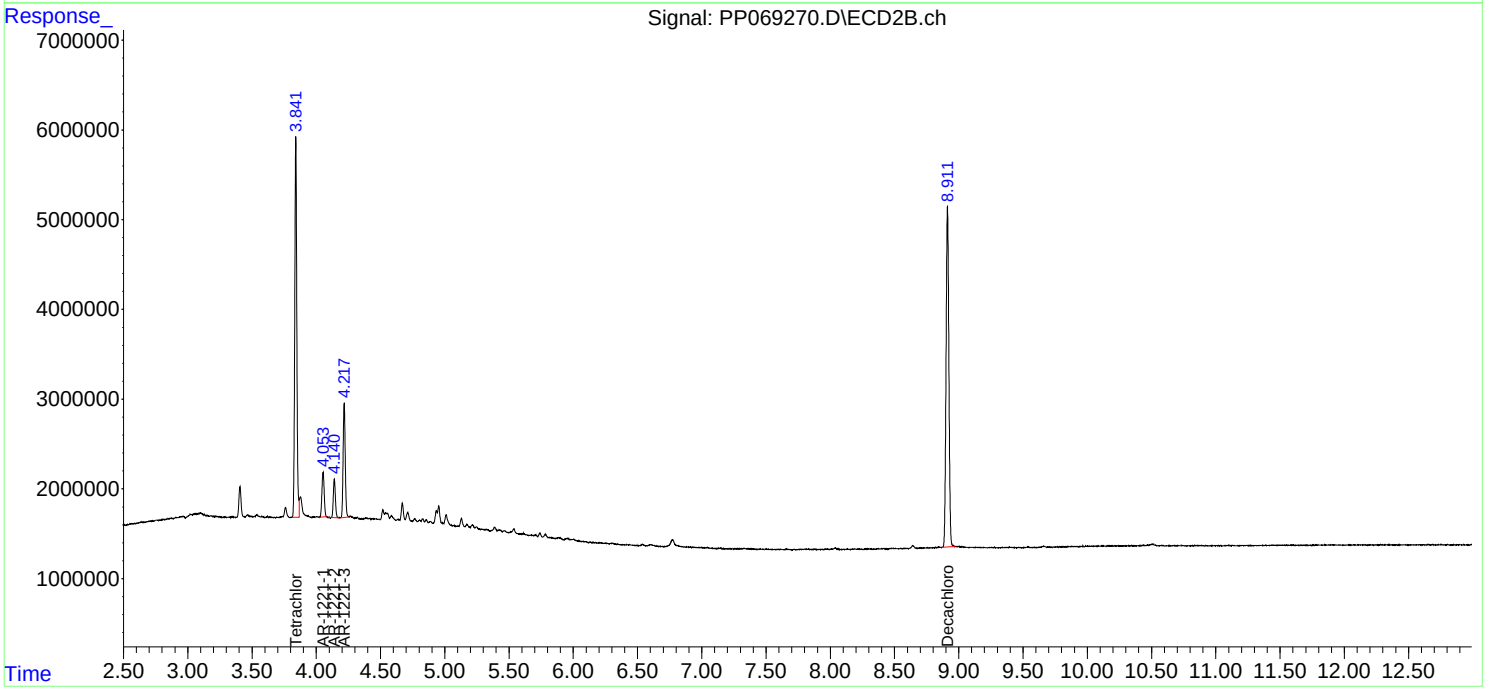
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:32
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

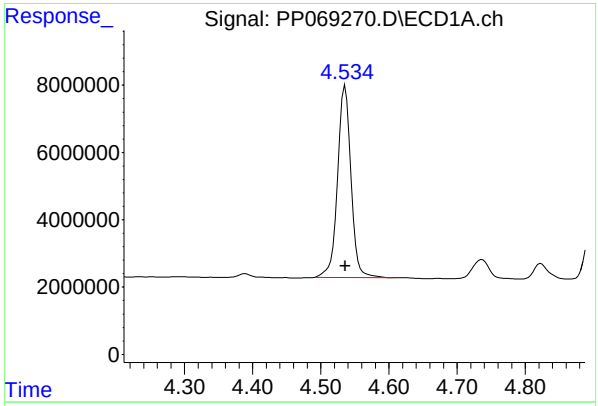
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

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

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



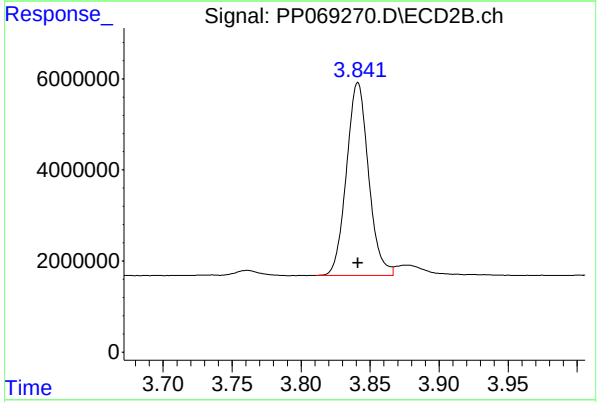




#1 Tetrachloro-m-xylene

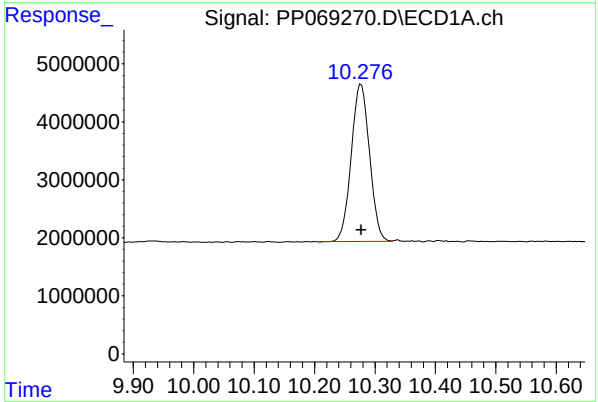
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 77593750
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



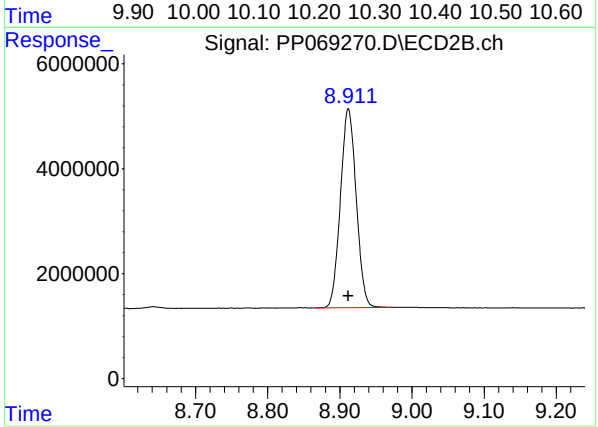
#1 Tetrachloro-m-xylene

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



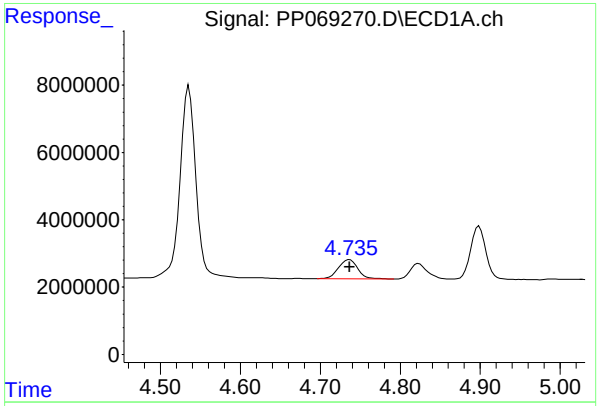
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

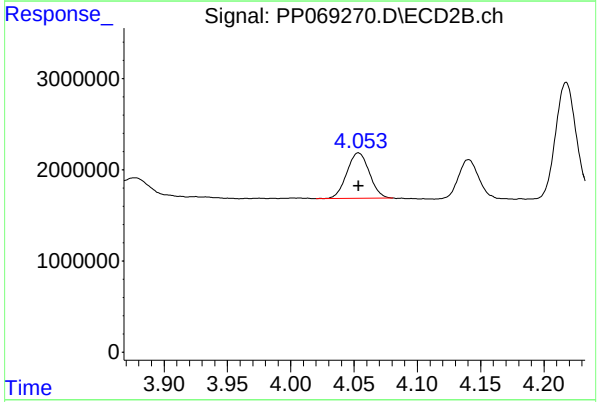
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 57628532
Conc: 50.00 ng/ml



#8 AR-1221-1

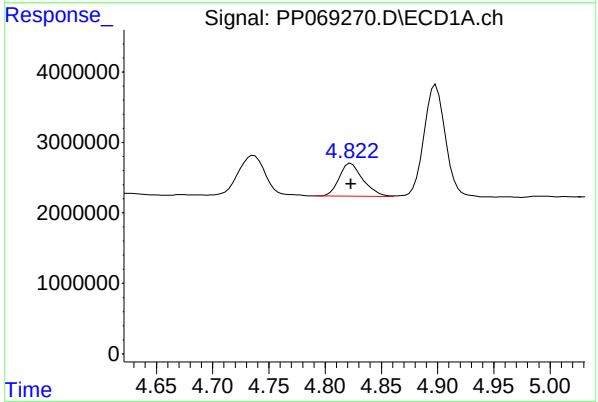
R.T.: 4.737 min
Delta R.T.: 0.000 min
Response: 9509743
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



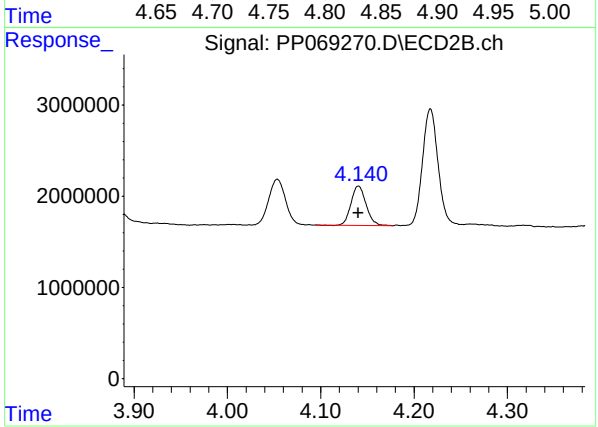
#8 AR-1221-1

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



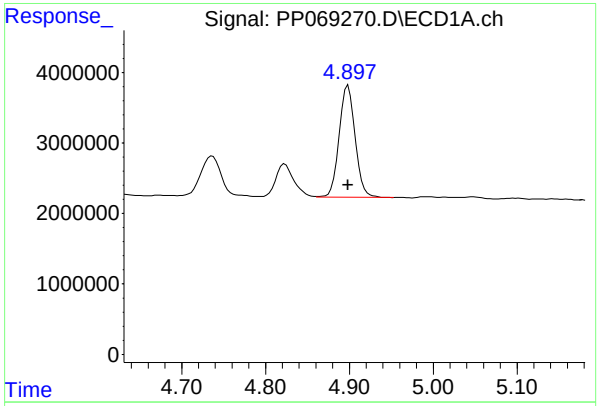
#9 AR-1221-2

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



#9 AR-1221-2

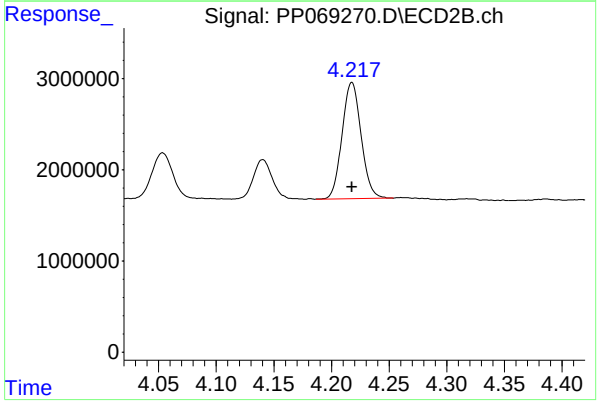
R.T.: 4.140 min
Delta R.T.: 0.000 min
Response: 4841688
Conc: 500.00 ng/ml



#10 AR-1221-3

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

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

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

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

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

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

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

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

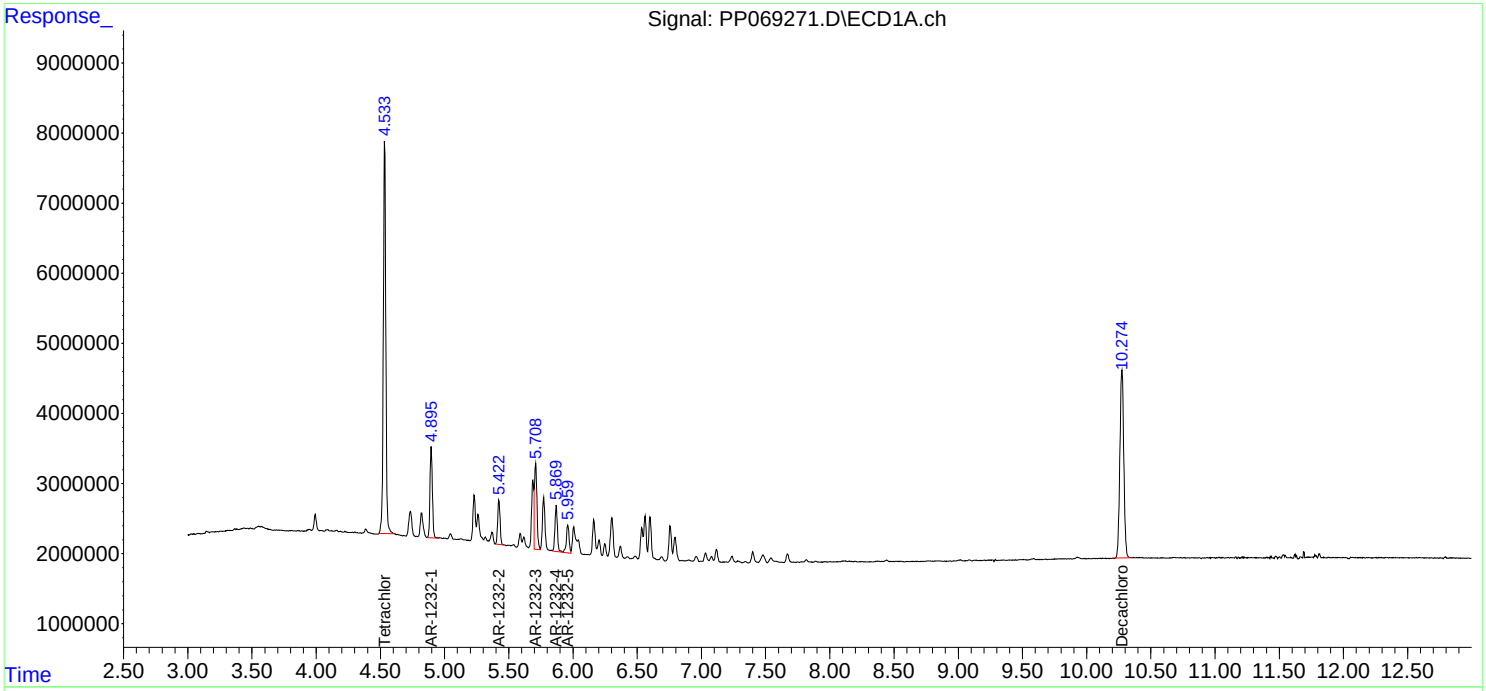
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

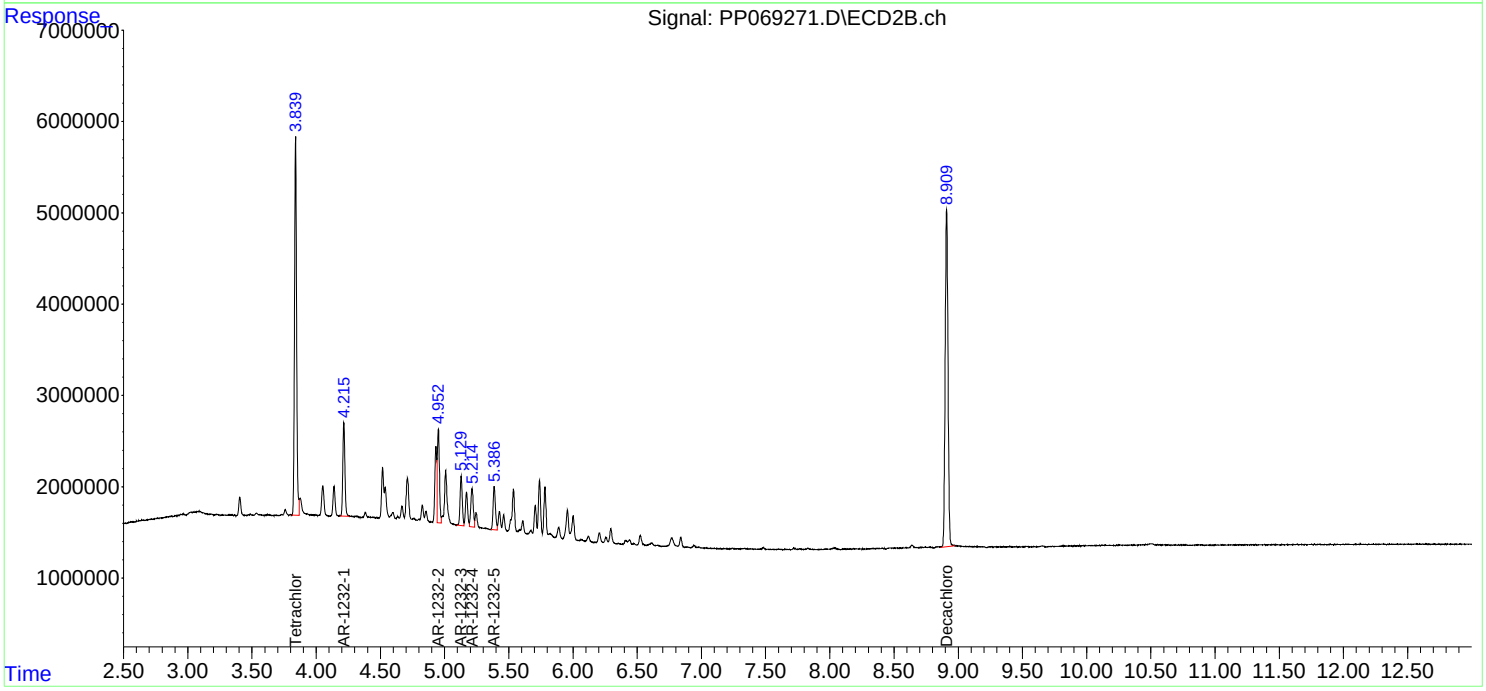
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 11:48
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

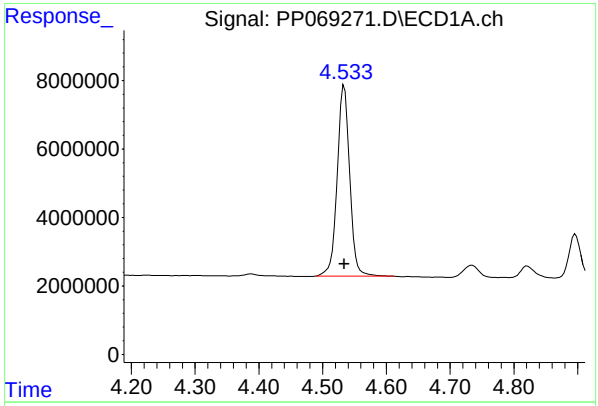
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

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

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



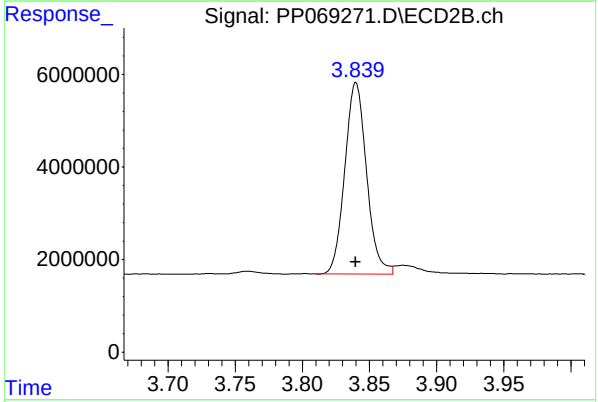




#1 Tetrachloro-m-xylene

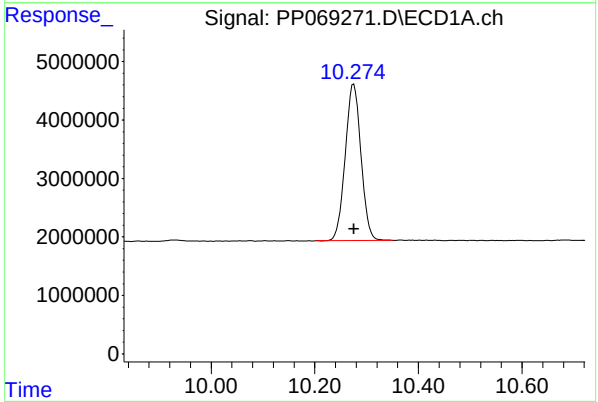
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 75836116
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



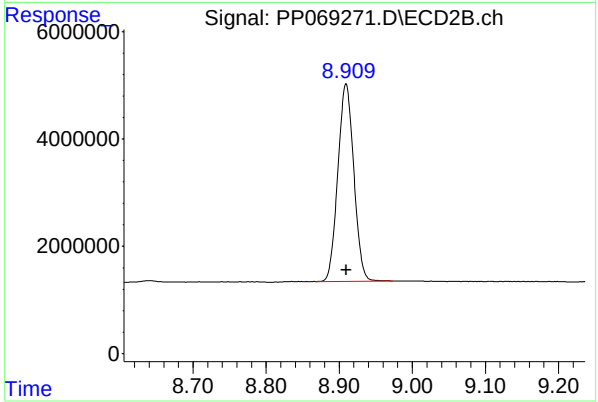
#1 Tetrachloro-m-xylene

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



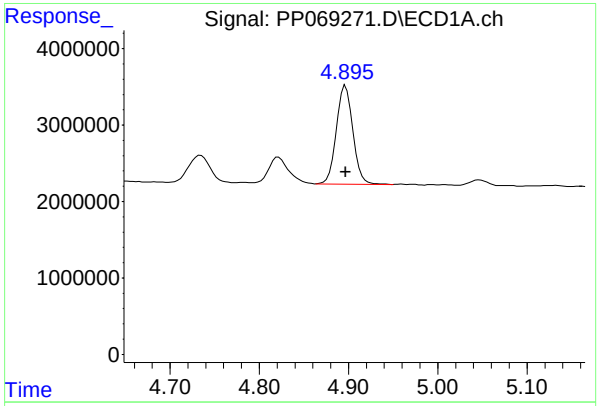
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

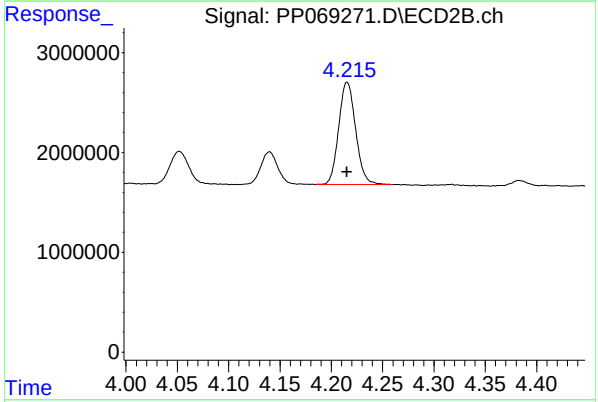
R.T.: 8.909 min
Delta R.T.: 0.000 min
Response: 56029362
Conc: 50.00 ng/ml



#11 AR-1232-1

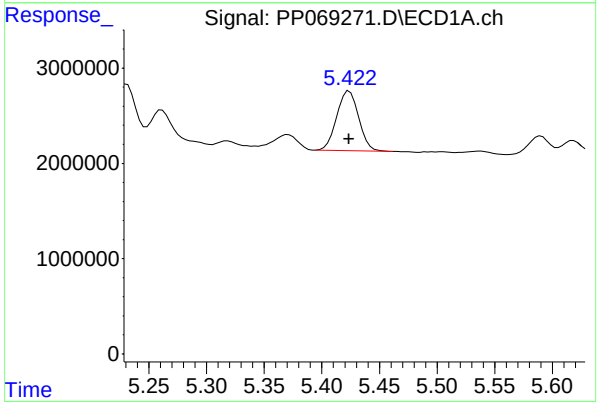
R.T.: 4.897 min
Delta R.T.: 0.000 min
Response: 16646809
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



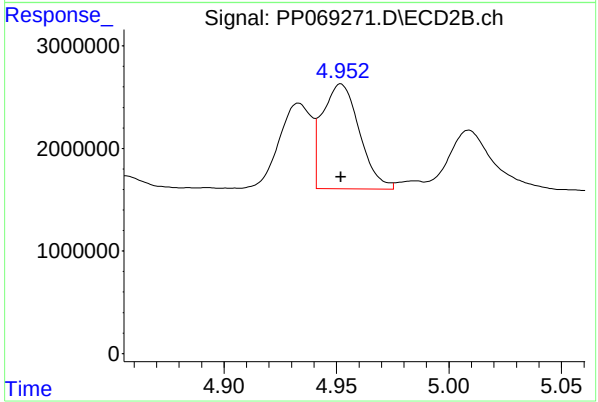
#11 AR-1232-1

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



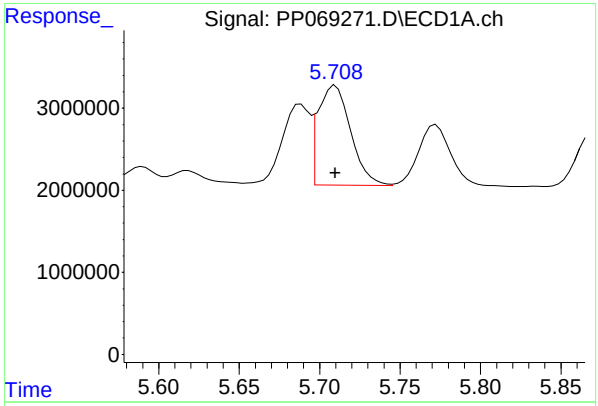
#12 AR-1232-2

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



#12 AR-1232-2

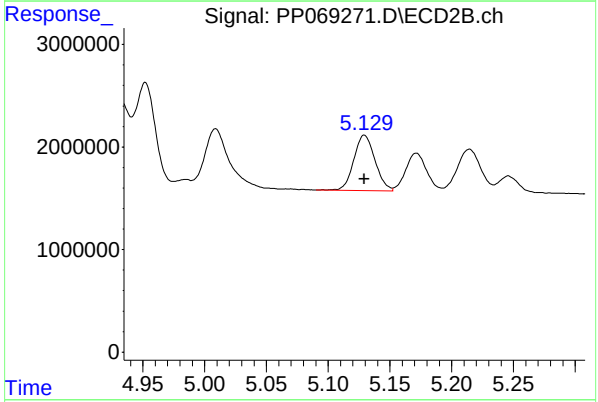
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 11785884
Conc: 500.00 ng/ml



#13 AR-1232-3

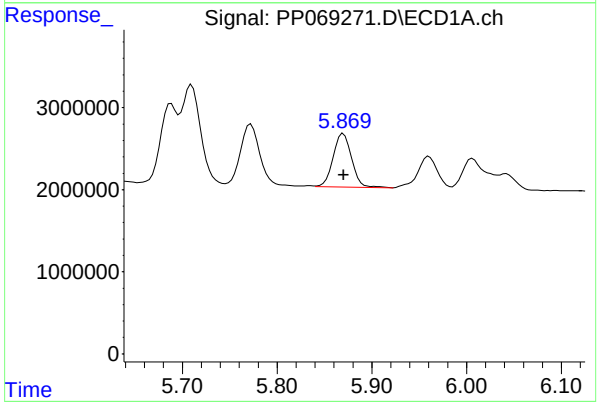
R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 17179485
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



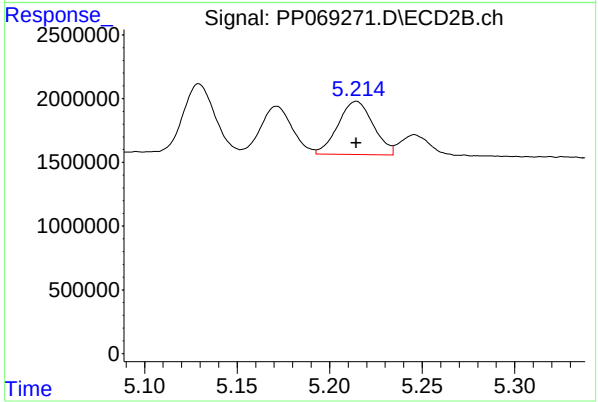
#13 AR-1232-3

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



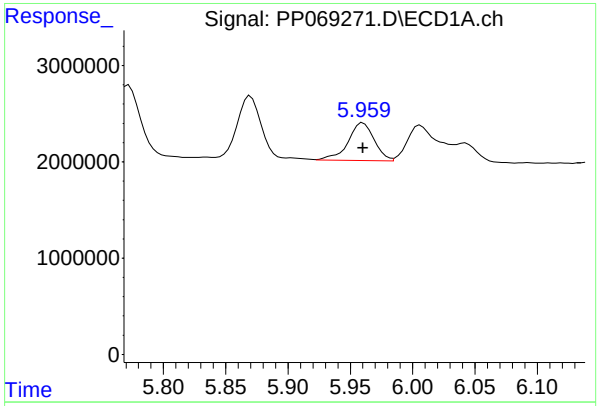
#14 AR-1232-4

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



#14 AR-1232-4

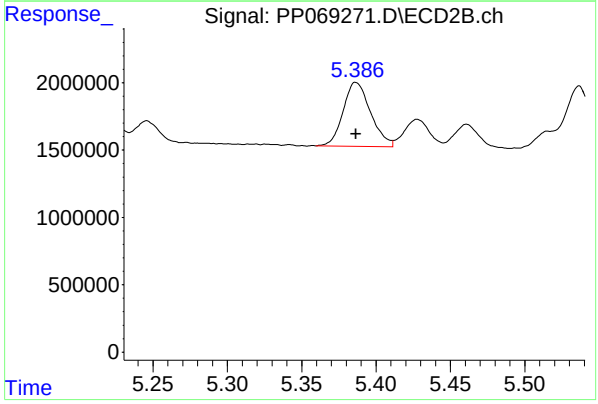
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 5543155
Conc: 500.00 ng/ml



#15 AR-1232-5

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

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

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

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

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

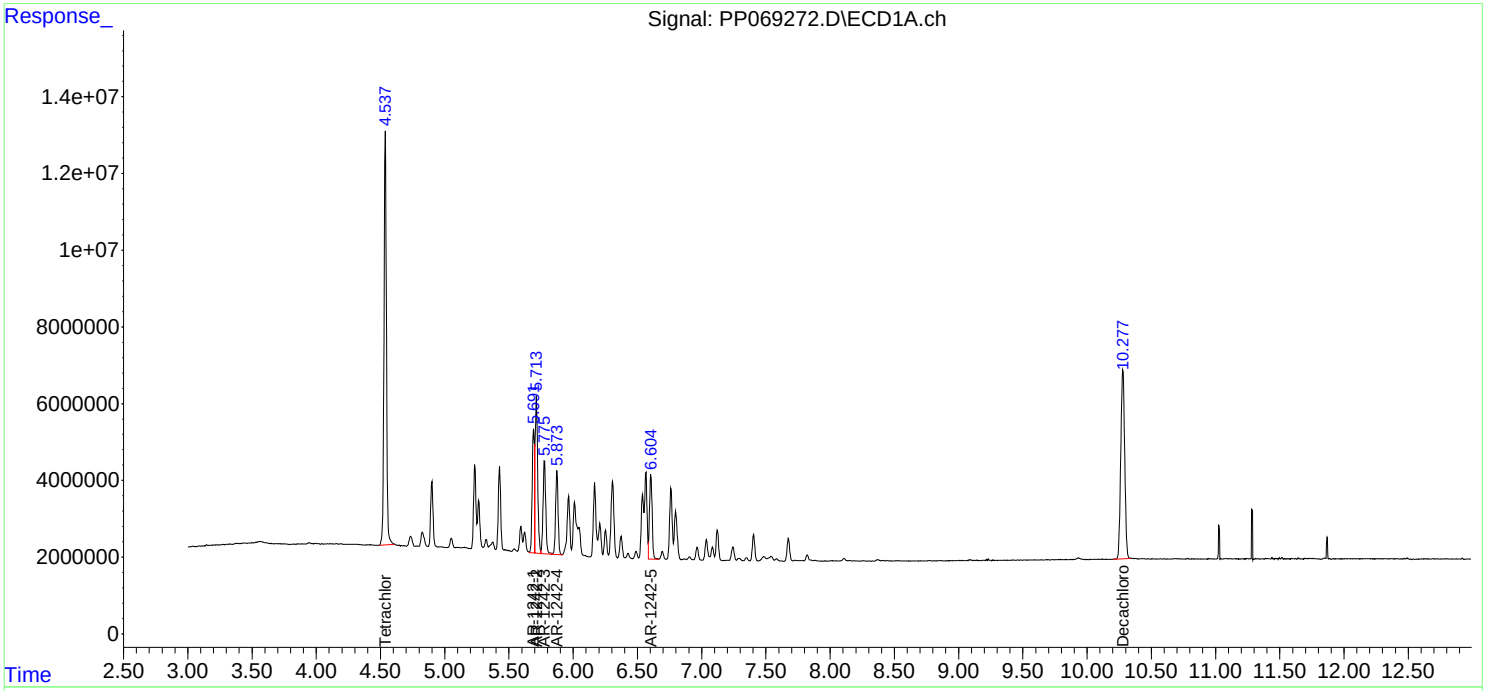
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

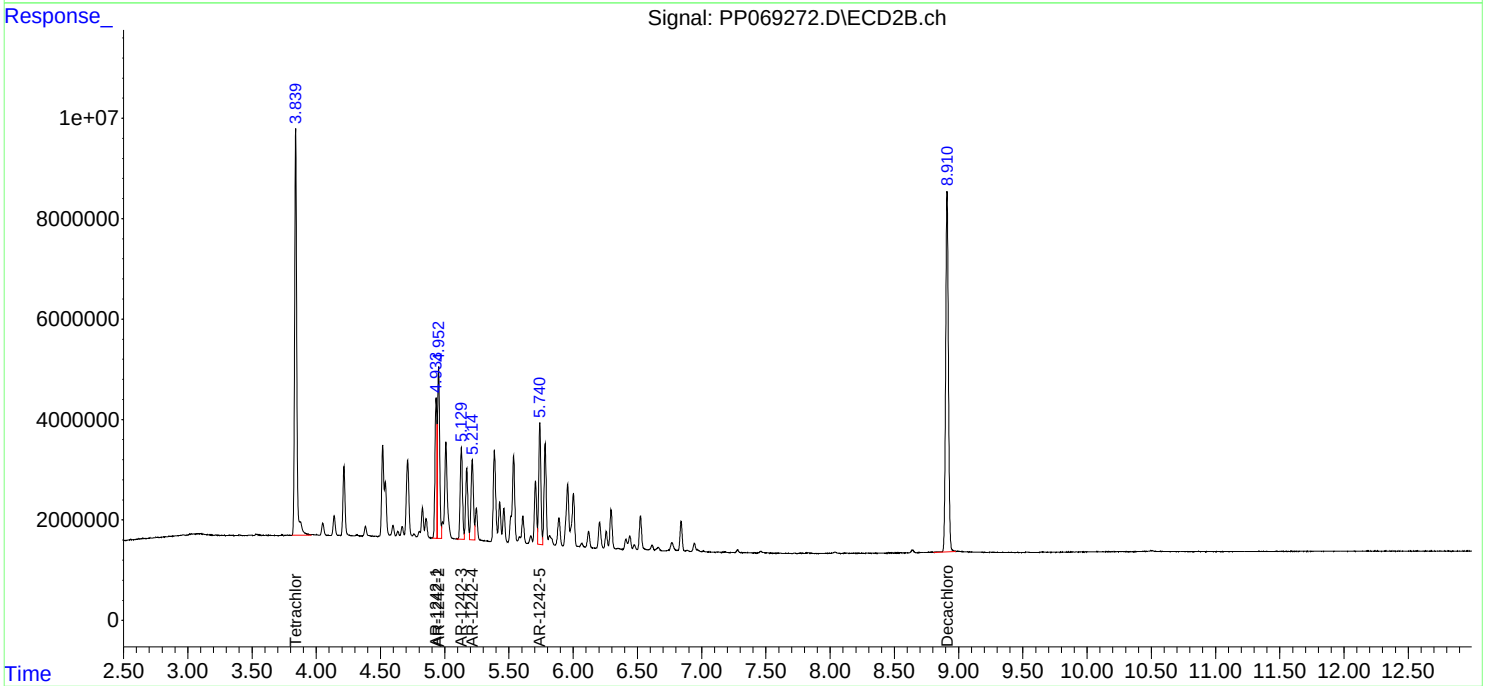
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:04
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

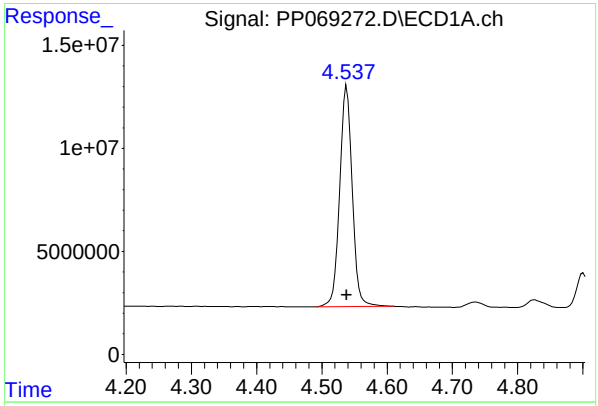
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

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

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



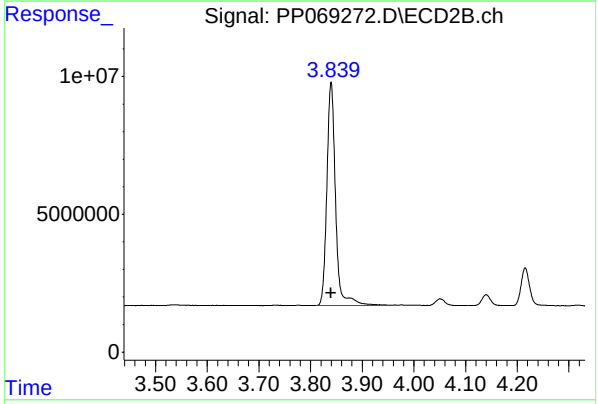




#1 Tetrachloro-m-xylene

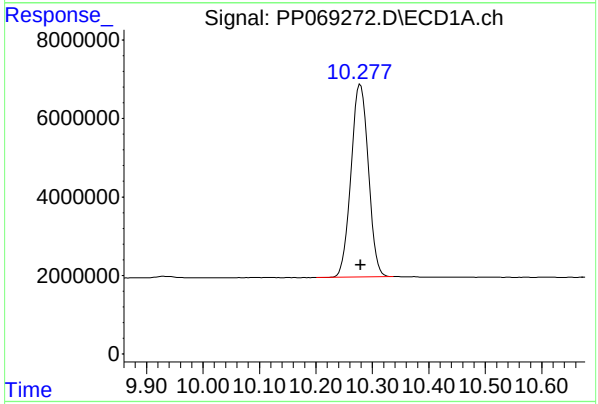
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 143525492
Conc: 96.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



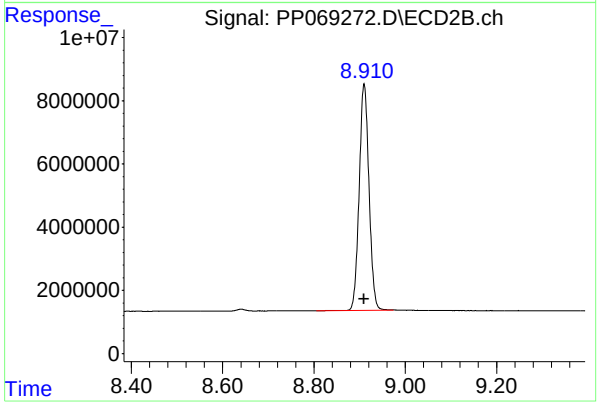
#1 Tetrachloro-m-xylene

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



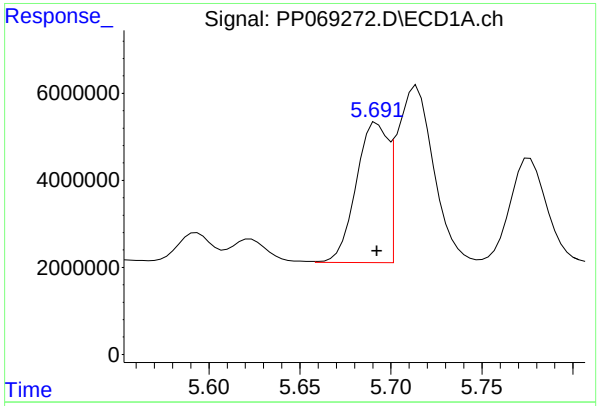
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

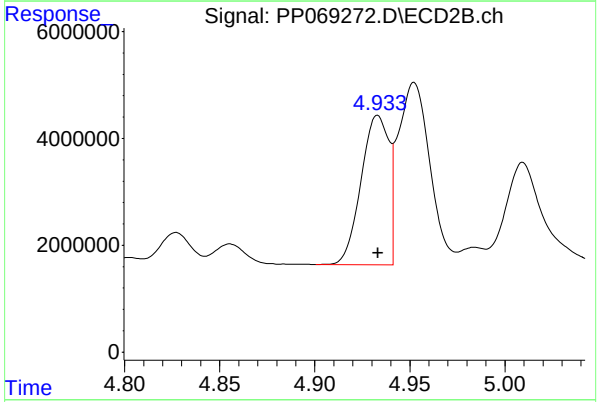
R.T.: 8.910 min
Delta R.T.: 0.000 min
Response: 107057294
Conc: 93.25 ng/ml



#16 AR-1242-1

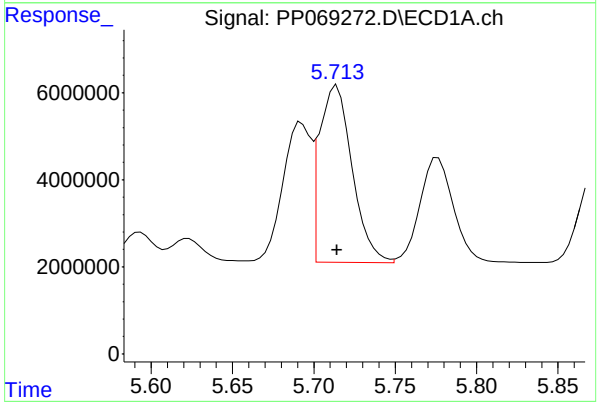
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 38881934
Conc: 945.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



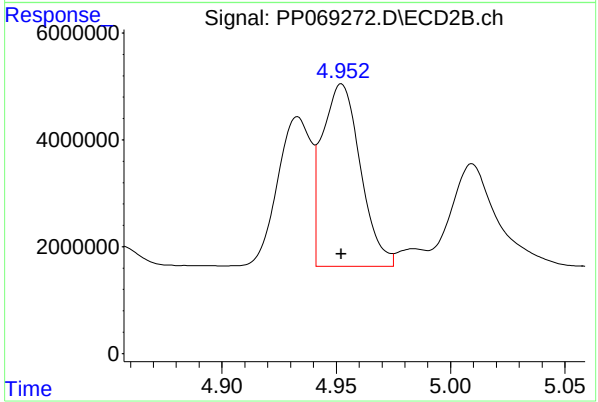
#16 AR-1242-1

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



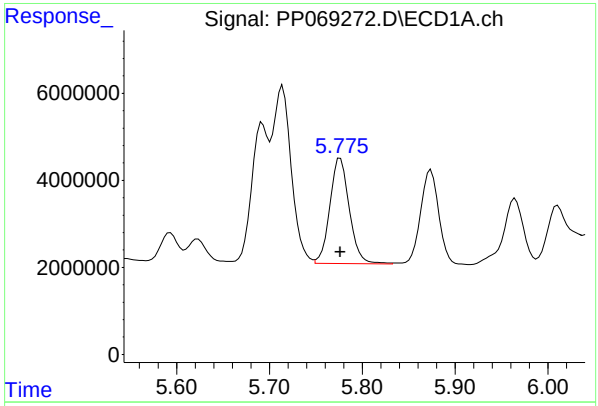
#17 AR-1242-2

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



#17 AR-1242-2

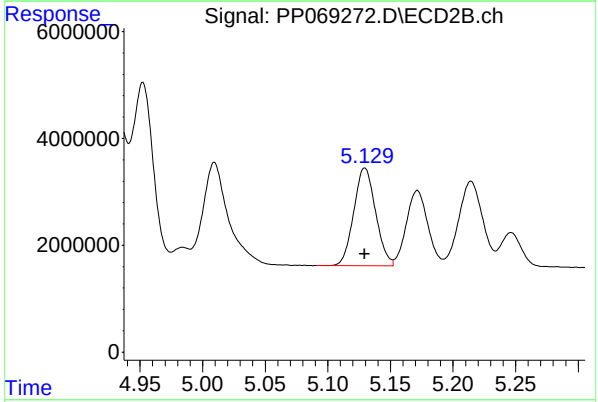
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 39820013
Conc: 976.16 ng/ml



#18 AR-1242-3

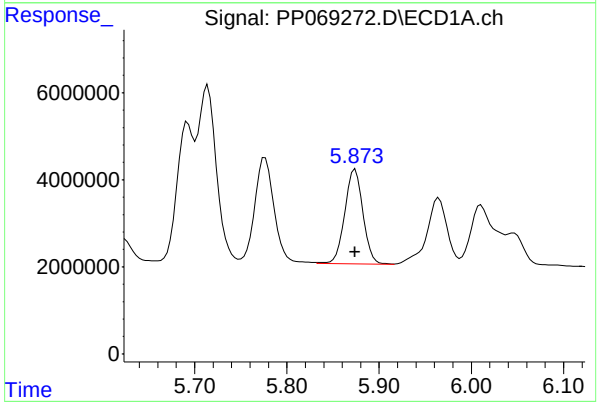
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 35212135
Conc: 948.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



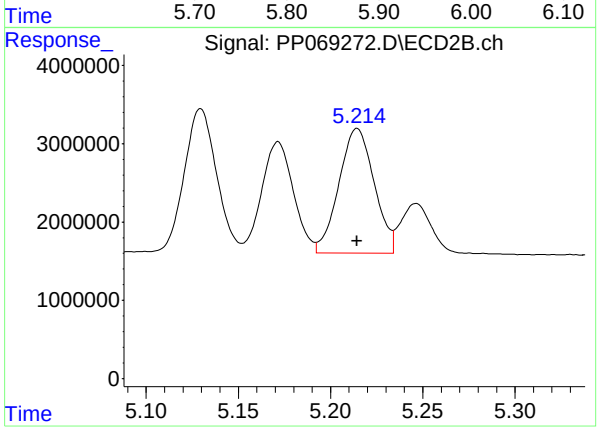
#18 AR-1242-3

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



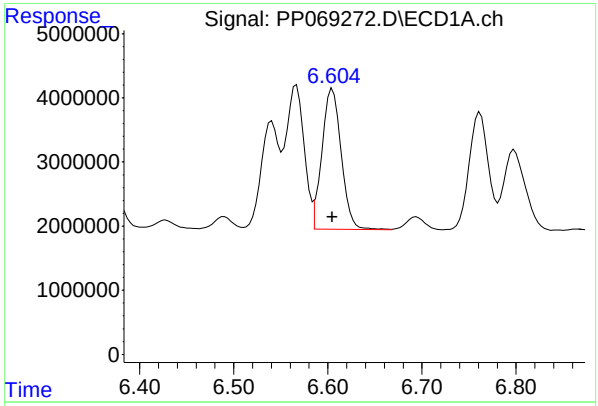
#19 AR-1242-4

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



#19 AR-1242-4

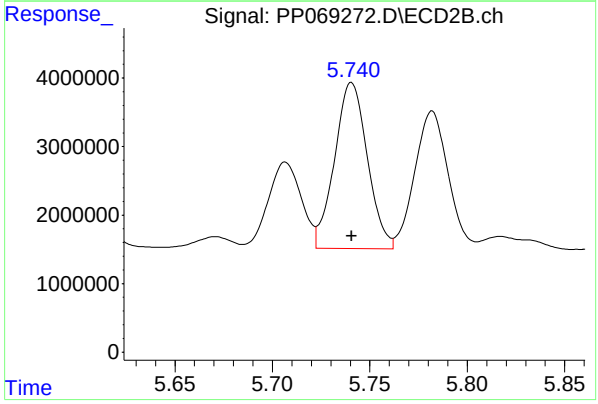
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 21211563
Conc: 956.95 ng/ml



#20 AR-1242-5

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

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

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

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

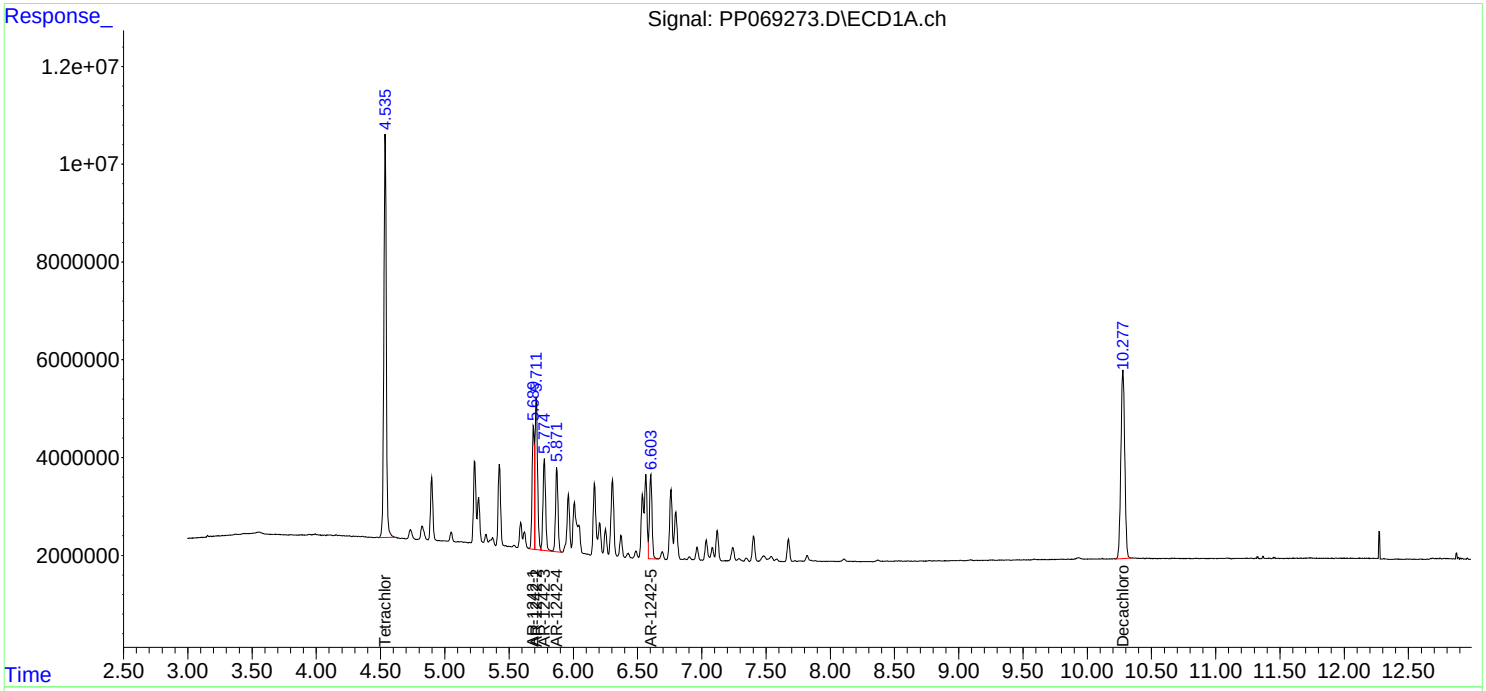
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

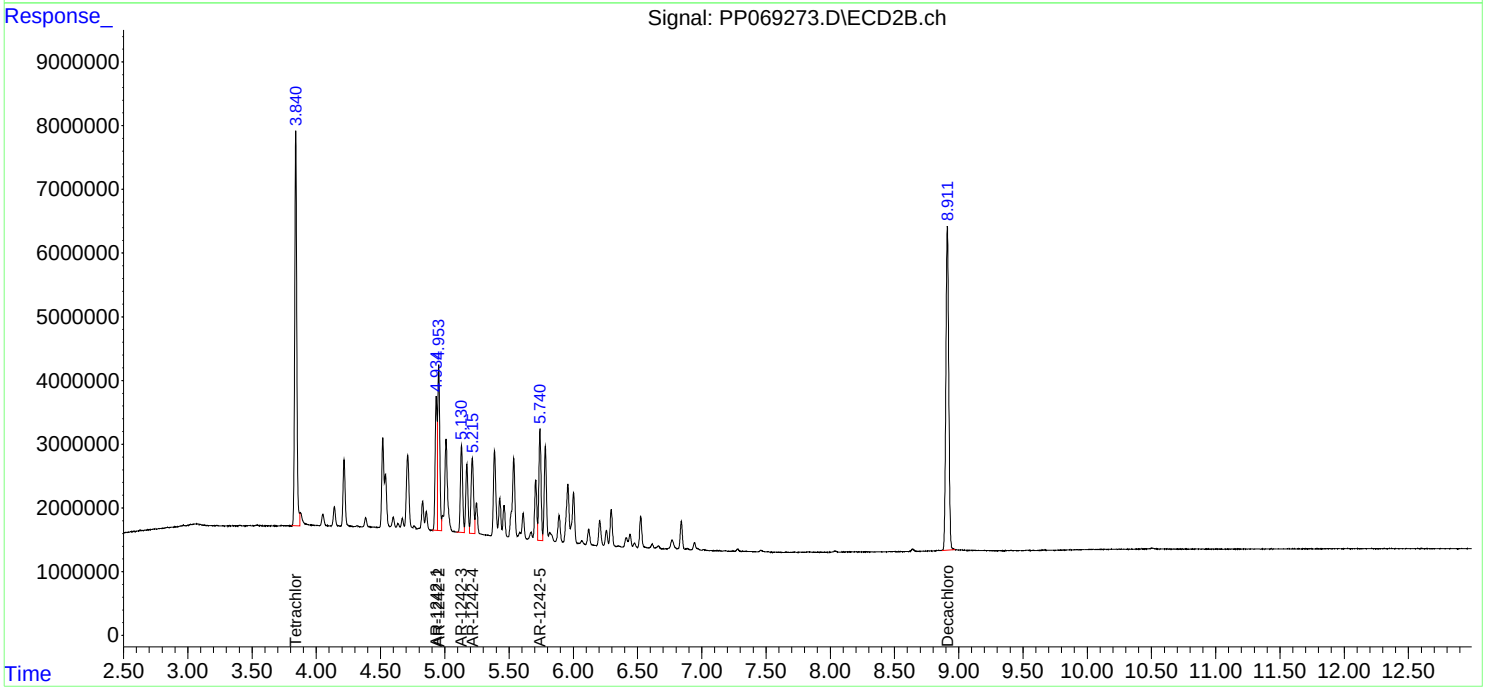
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:21
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

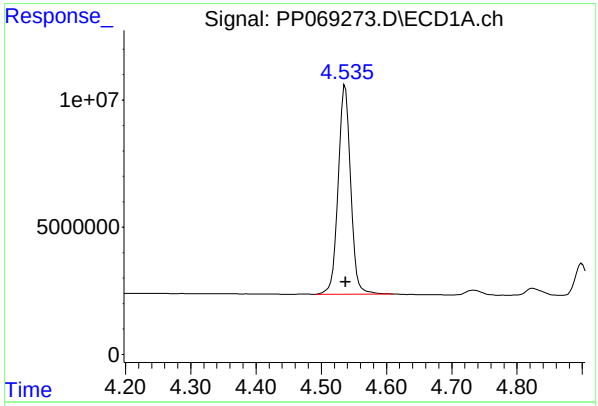
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

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

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



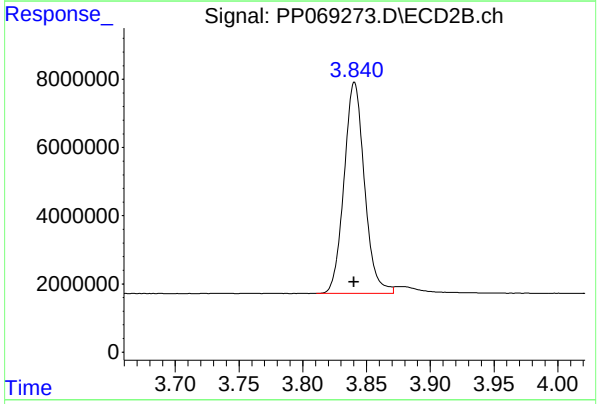




#1 Tetrachloro-m-xylene

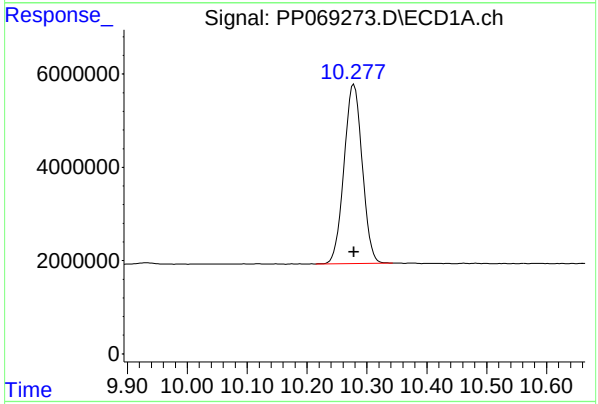
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 109377354
Conc: 74.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



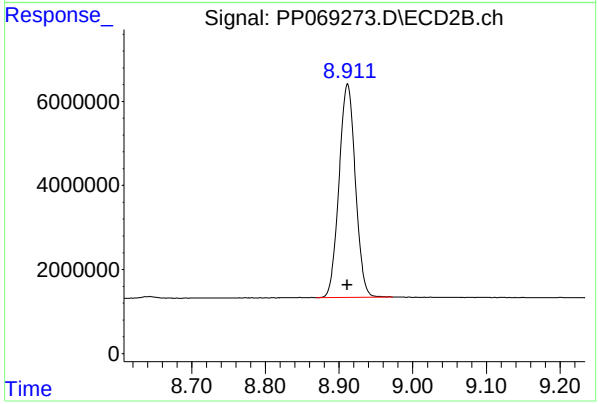
#1 Tetrachloro-m-xylene

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



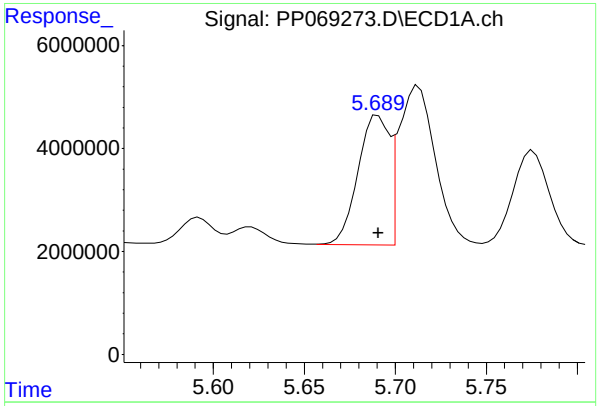
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

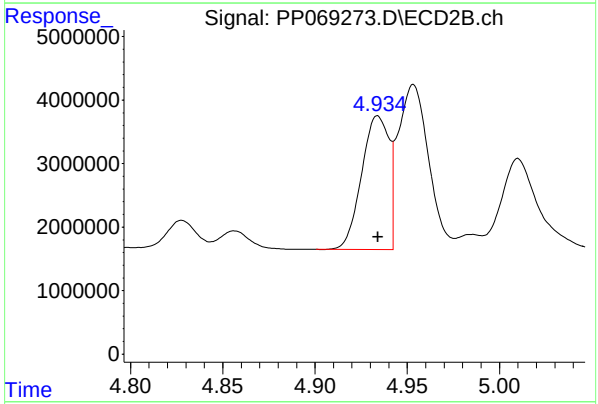
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 78177684
Conc: 70.25 ng/ml



#16 AR-1242-1

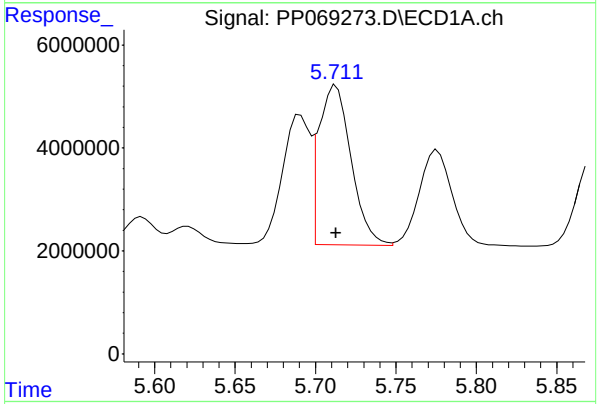
R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 30137750
Conc: 738.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



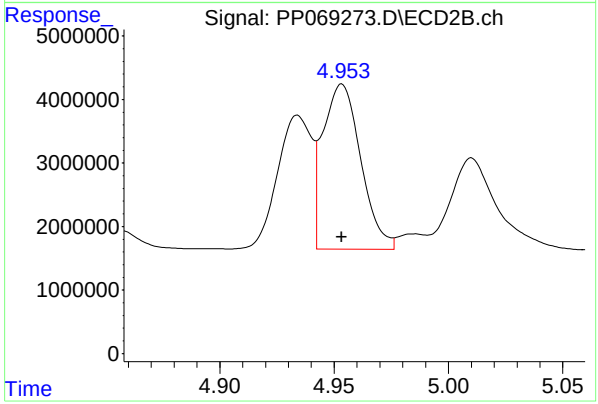
#16 AR-1242-1

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



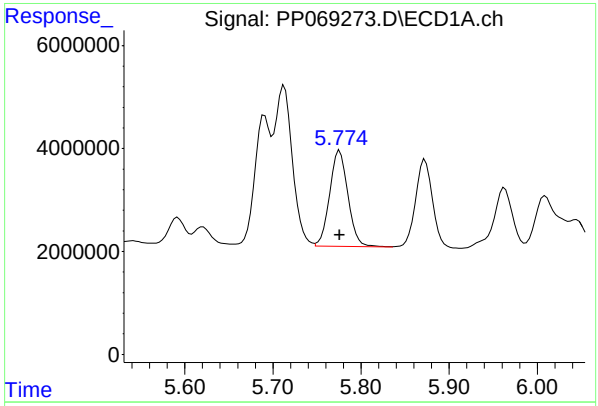
#17 AR-1242-2

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



#17 AR-1242-2

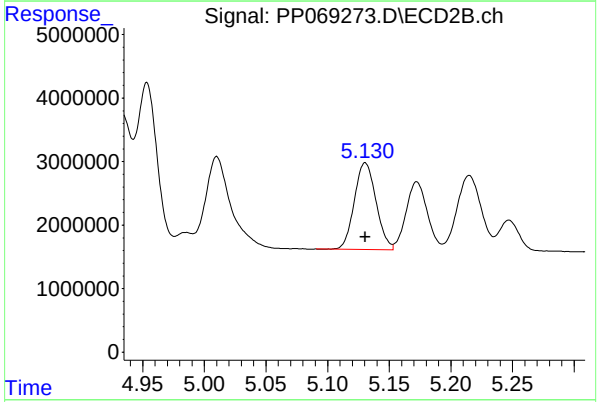
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 29956153
Conc: 739.50 ng/ml



#18 AR-1242-3

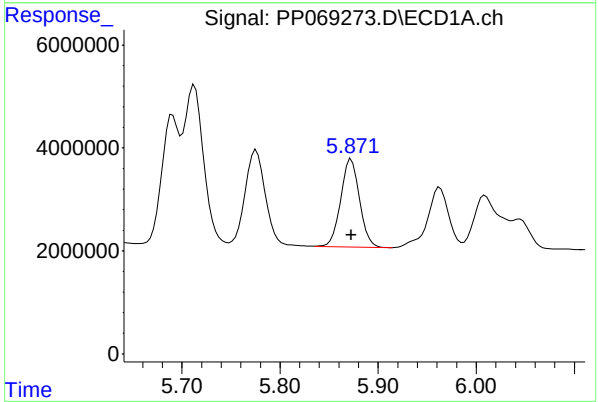
R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 26901679
Conc: 733.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



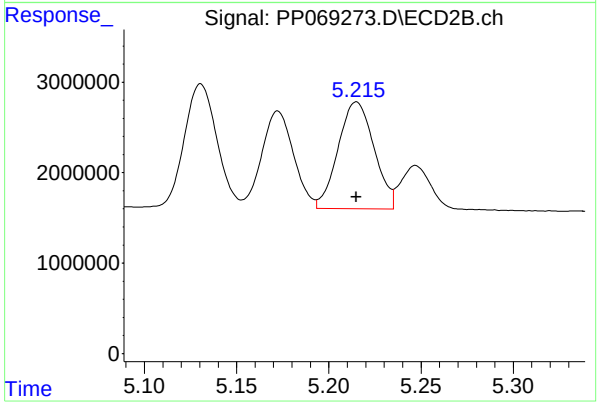
#18 AR-1242-3

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



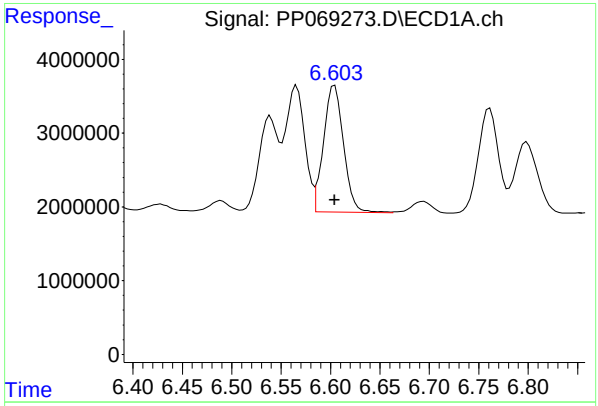
#19 AR-1242-4

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



#19 AR-1242-4

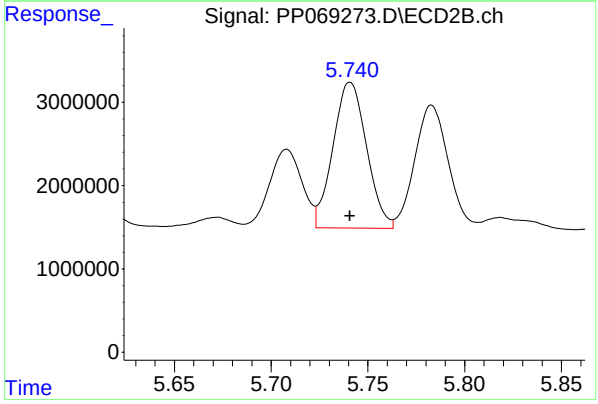
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 16031239
Conc: 731.95 ng/ml



#20 AR-1242-5

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

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

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

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

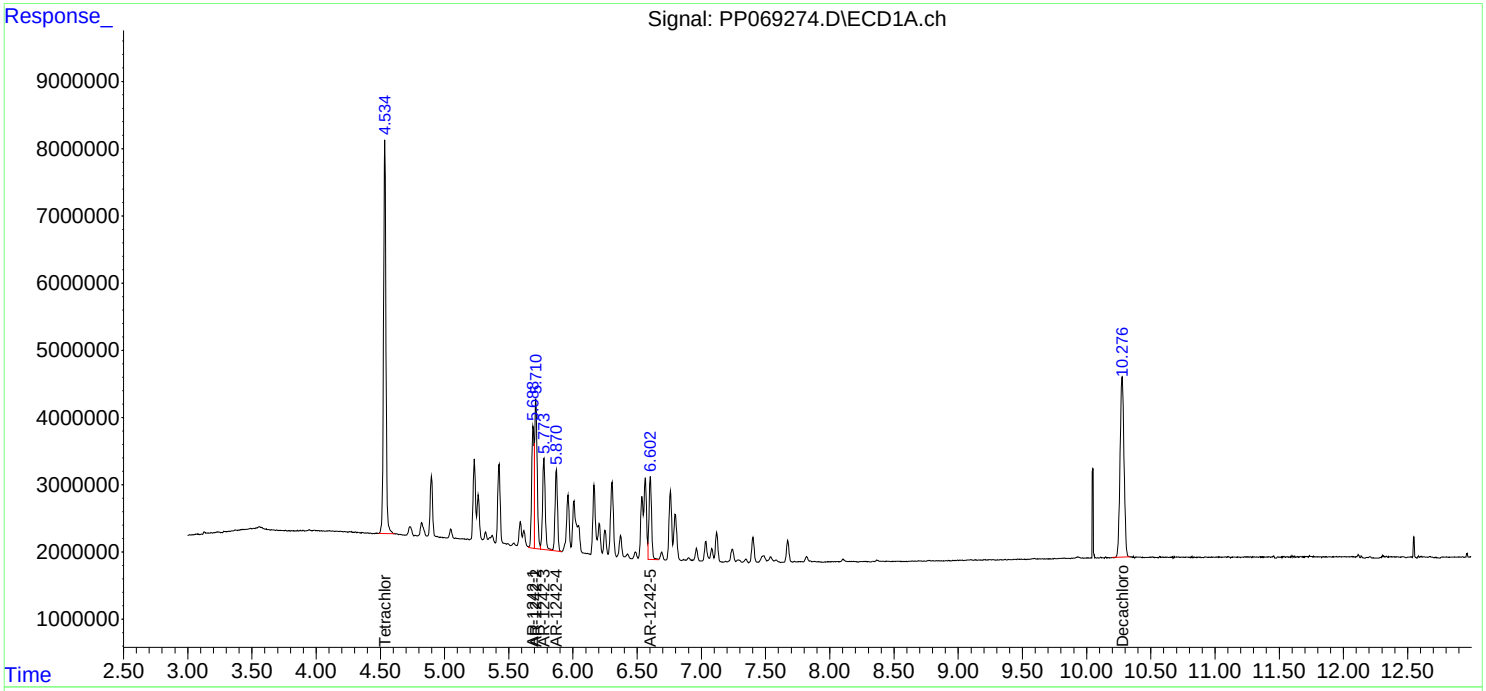
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

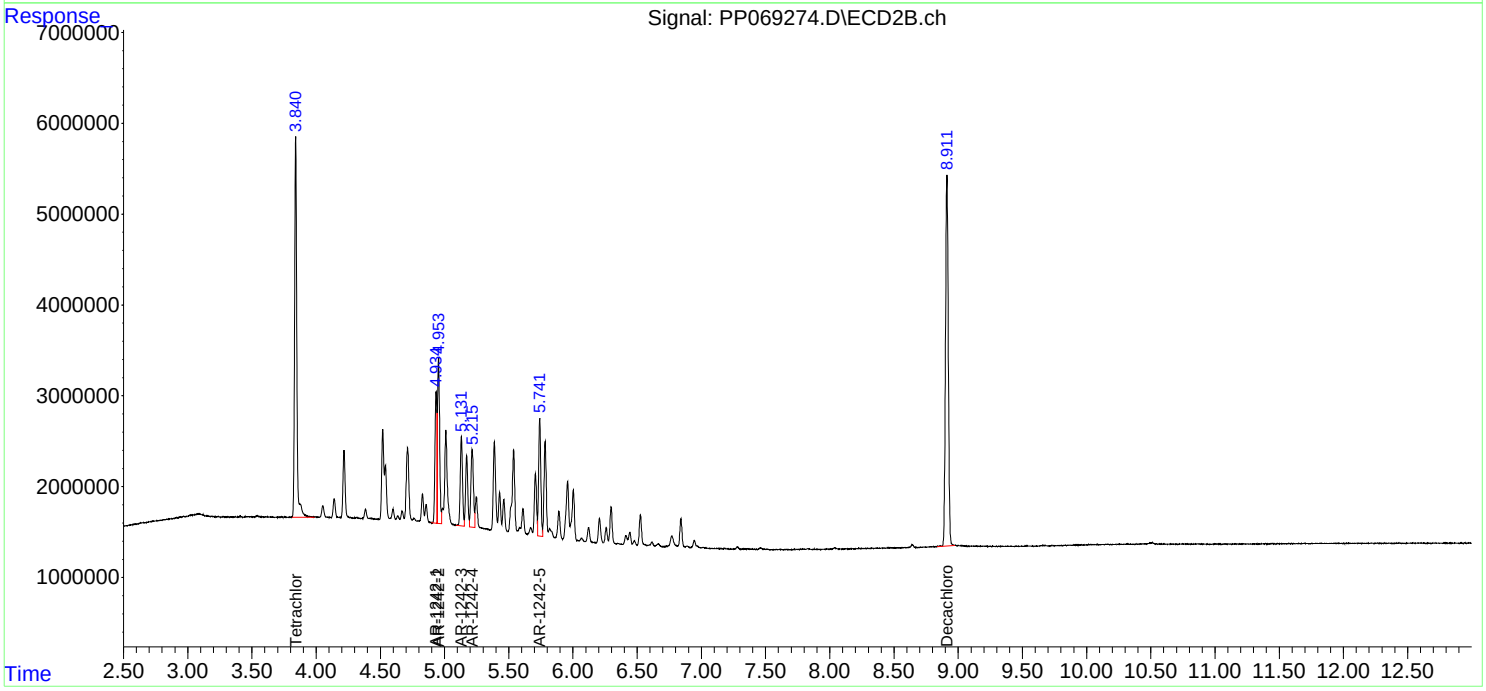
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:37
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

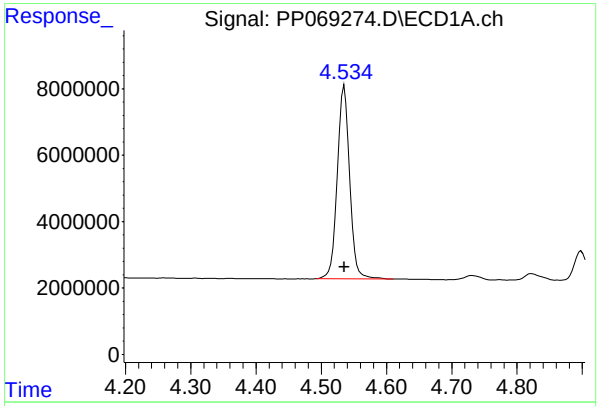
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

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

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



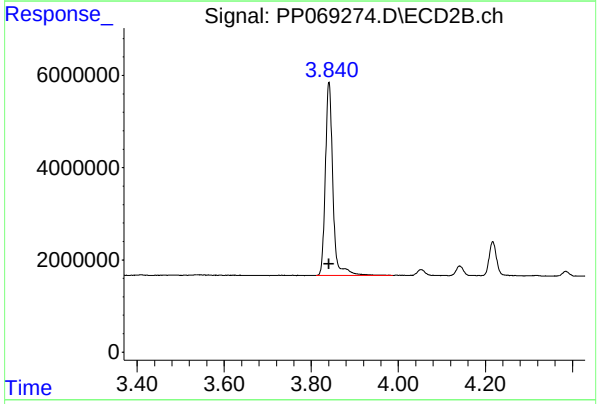




#1 Tetrachloro-m-xylene

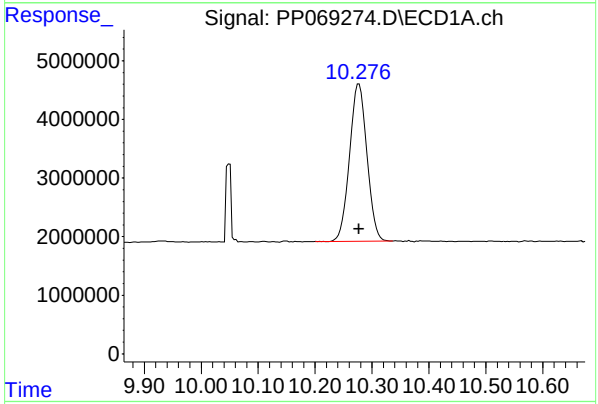
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 76865093
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



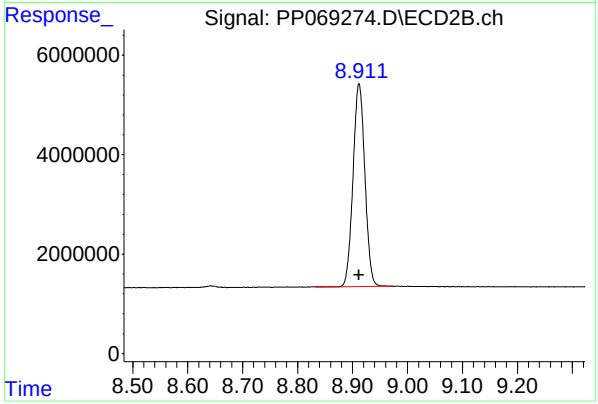
#1 Tetrachloro-m-xylene

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



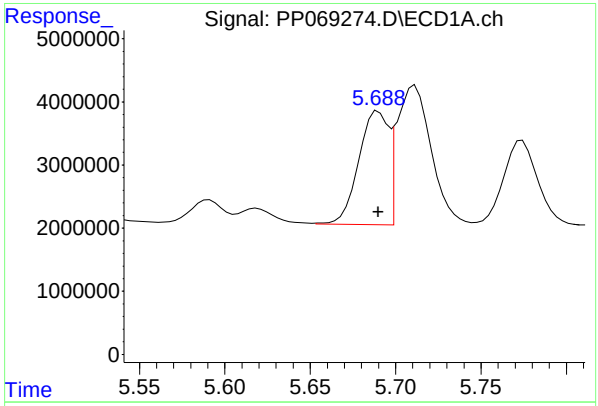
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

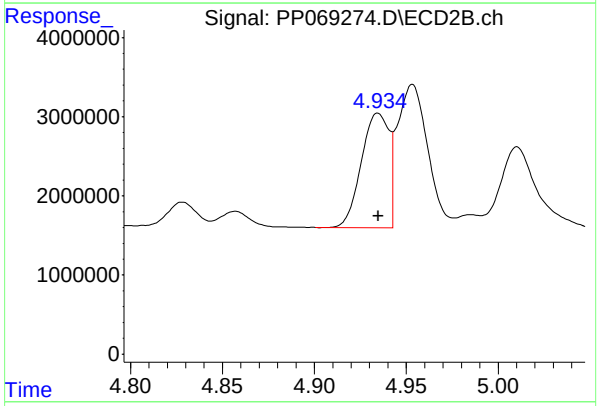
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 61281046
Conc: 50.00 ng/ml



#16 AR-1242-1

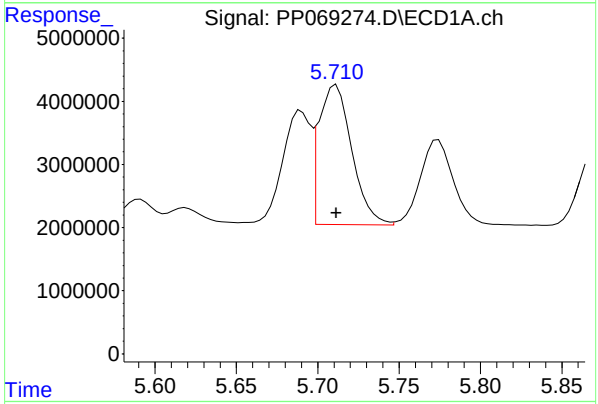
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 21683528
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



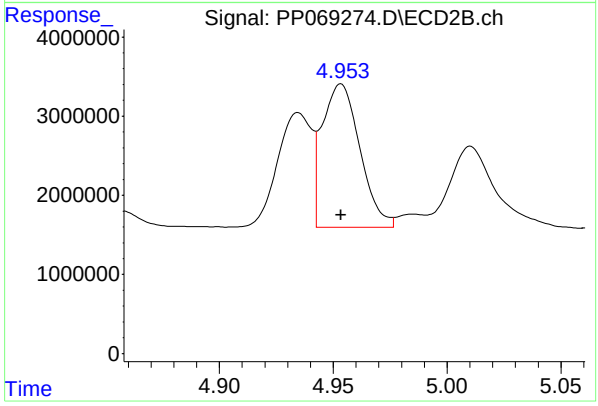
#16 AR-1242-1

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



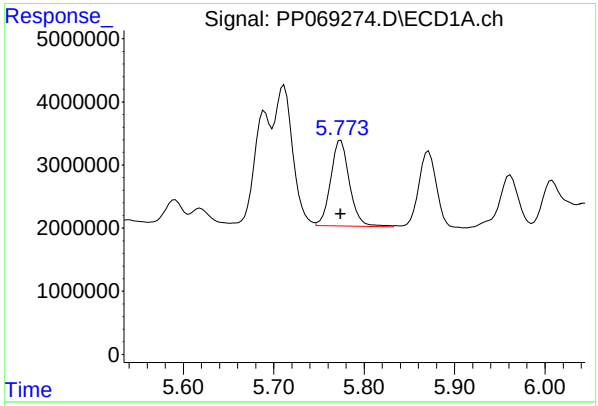
#17 AR-1242-2

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



#17 AR-1242-2

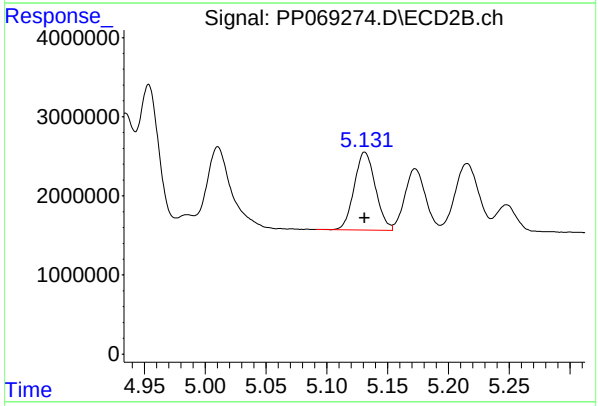
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 20882332
Conc: 500.00 ng/ml



#18 AR-1242-3

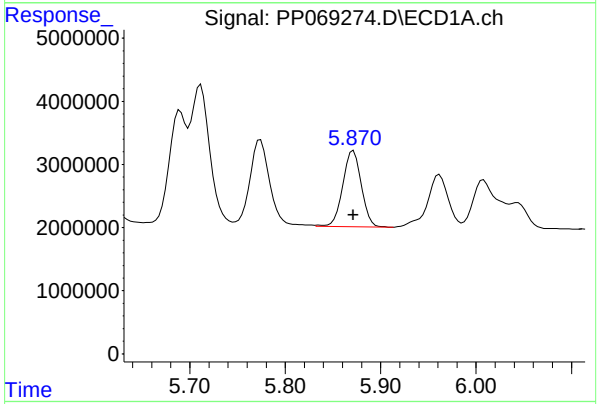
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 19507569
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



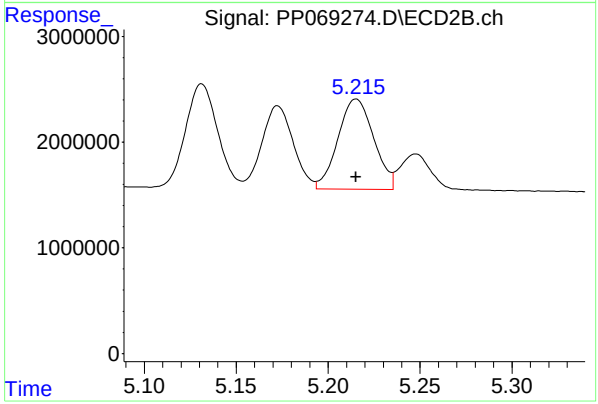
#18 AR-1242-3

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



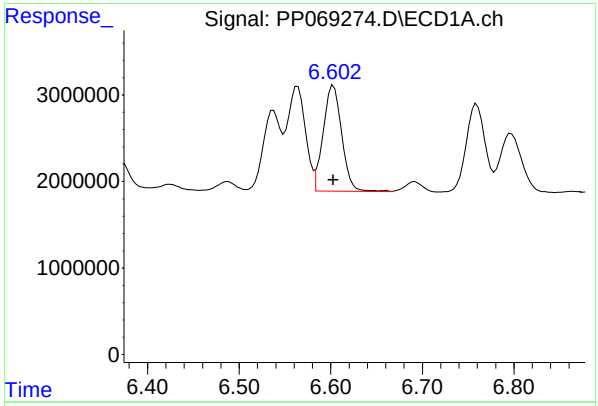
#19 AR-1242-4

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



#19 AR-1242-4

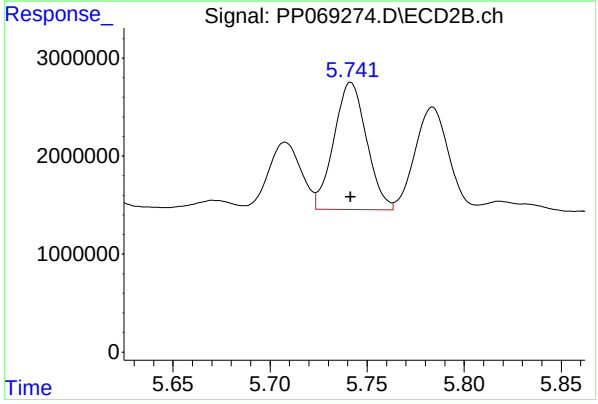
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 11560042
Conc: 500.00 ng/ml



#20 AR-1242-5

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

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

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

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

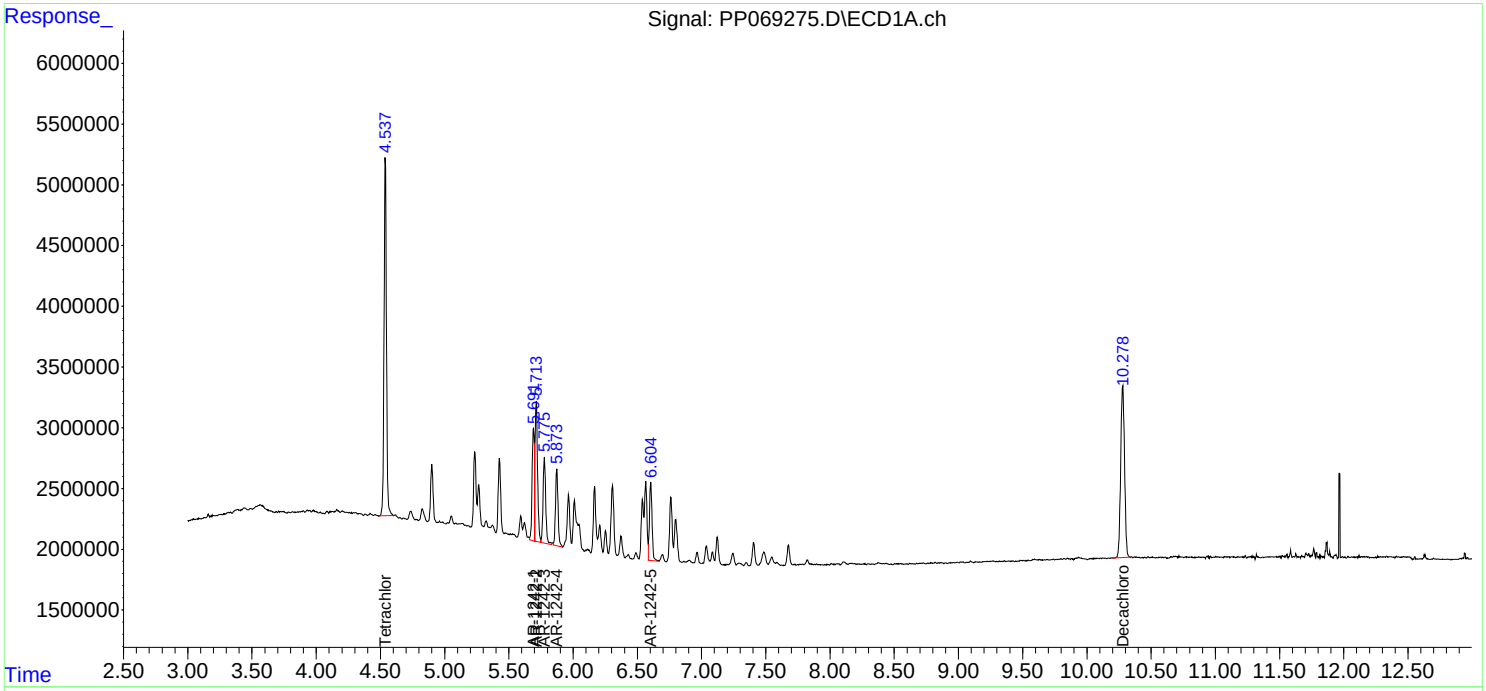
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

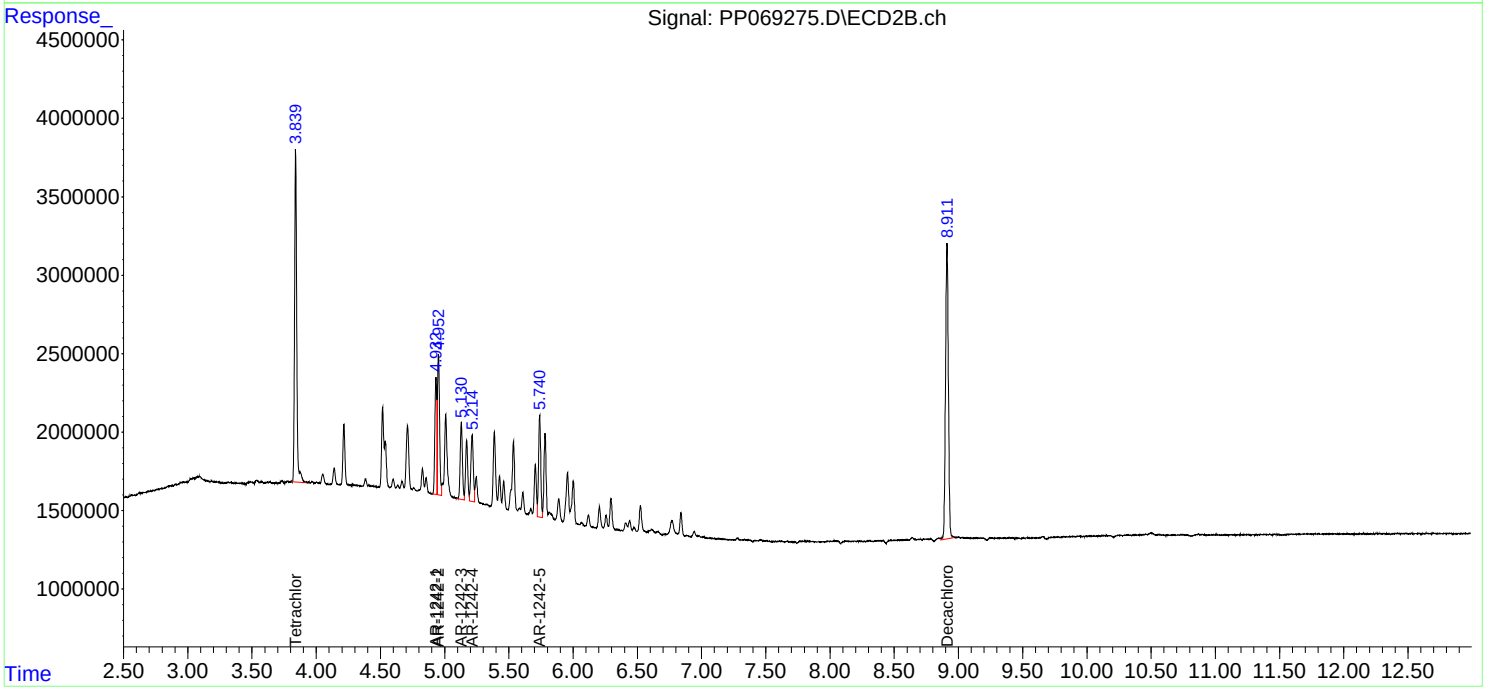
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:53
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

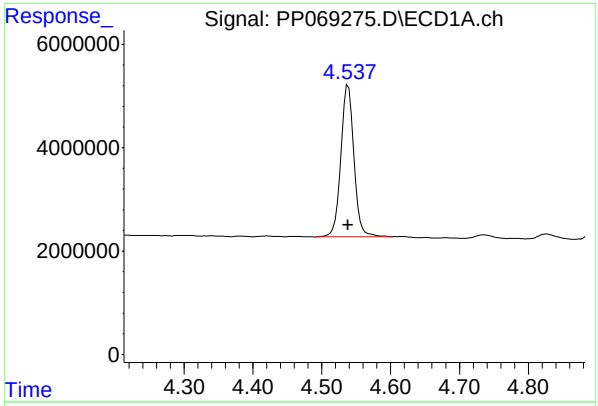
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

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

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



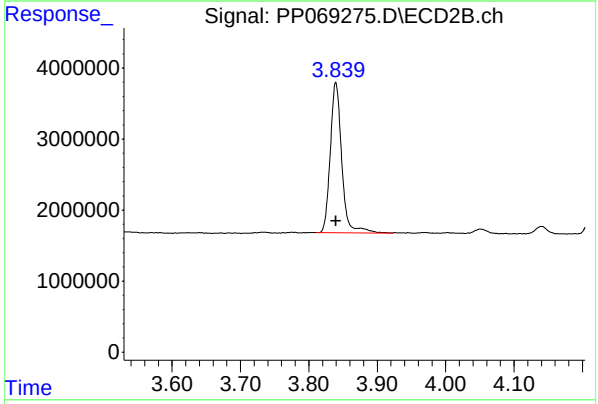




#1 Tetrachloro-m-xylene

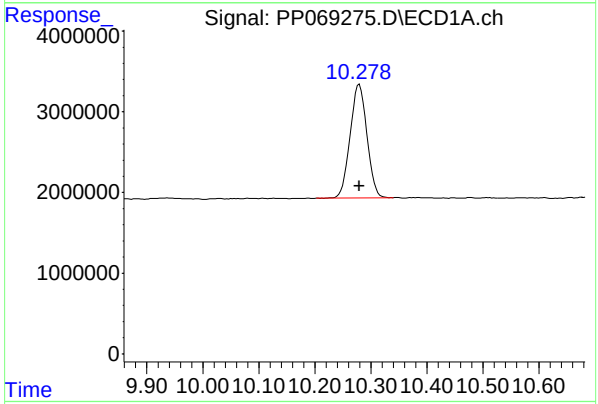
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 38792932
Conc: 25.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



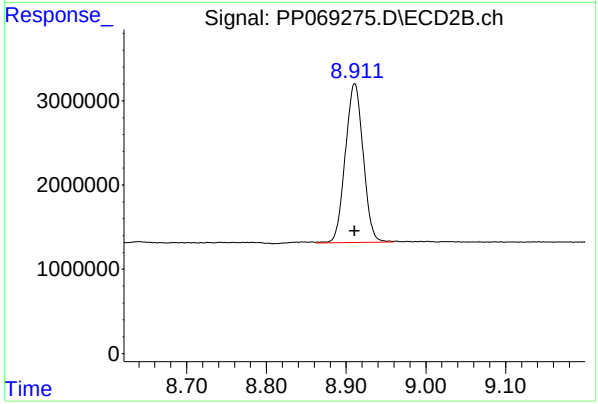
#1 Tetrachloro-m-xylene

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



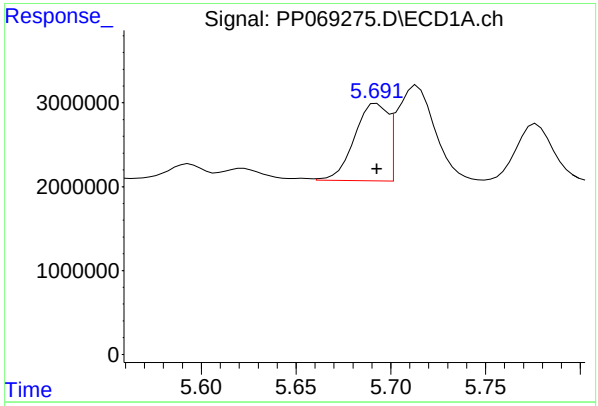
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

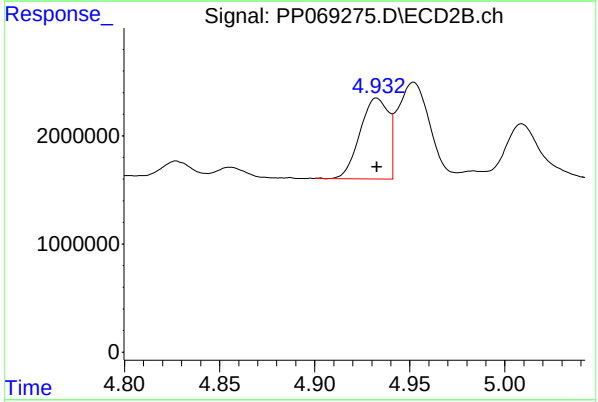
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 29323543
Conc: 26.00 ng/ml



#16 AR-1242-1

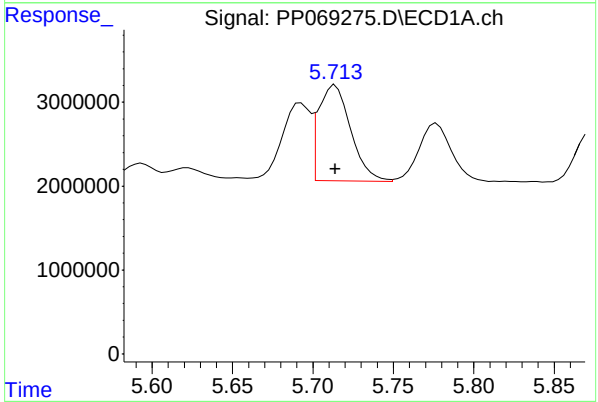
R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 11282393
Conc: 269.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



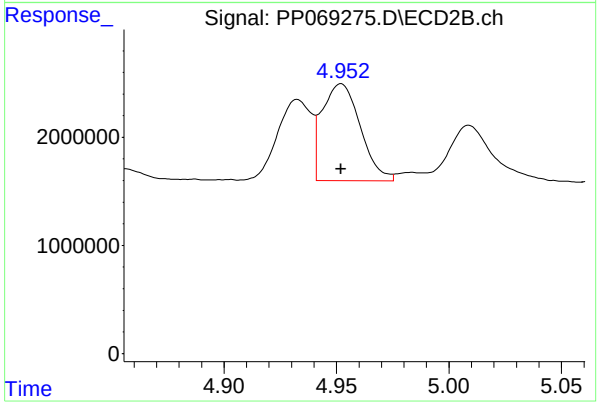
#16 AR-1242-1

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



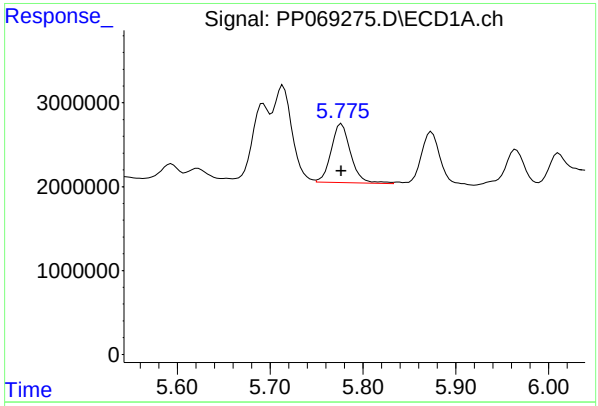
#17 AR-1242-2

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



#17 AR-1242-2

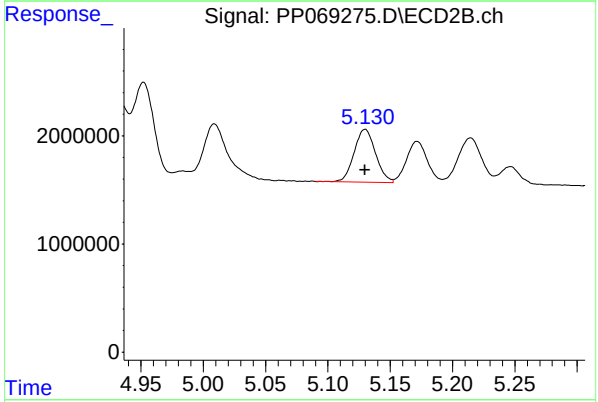
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 10596312
Conc: 258.59 ng/ml



#18 AR-1242-3

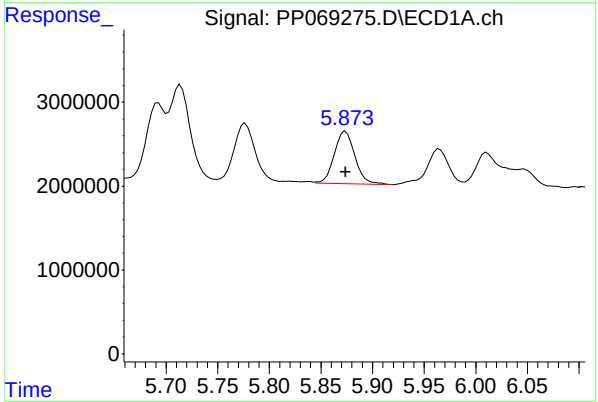
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 10146658
Conc: 269.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



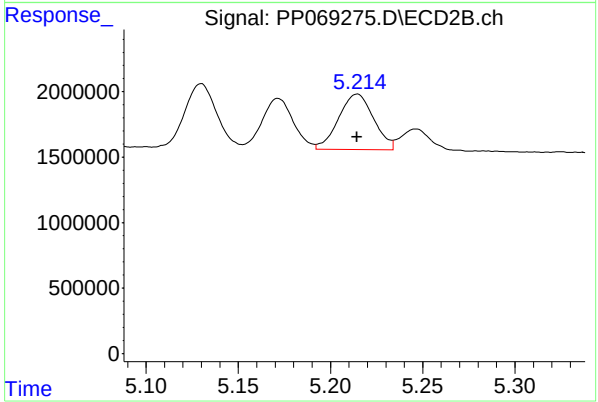
#18 AR-1242-3

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



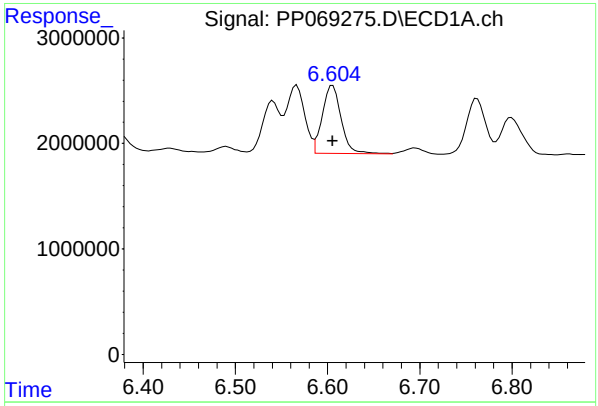
#19 AR-1242-4

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



#19 AR-1242-4

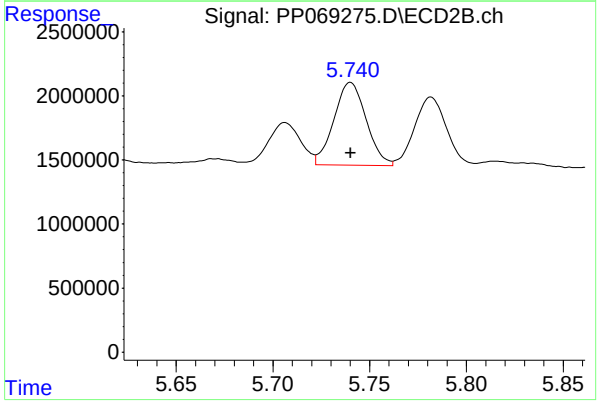
R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 5585119
Conc: 253.73 ng/ml



#20 AR-1242-5

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

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

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

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

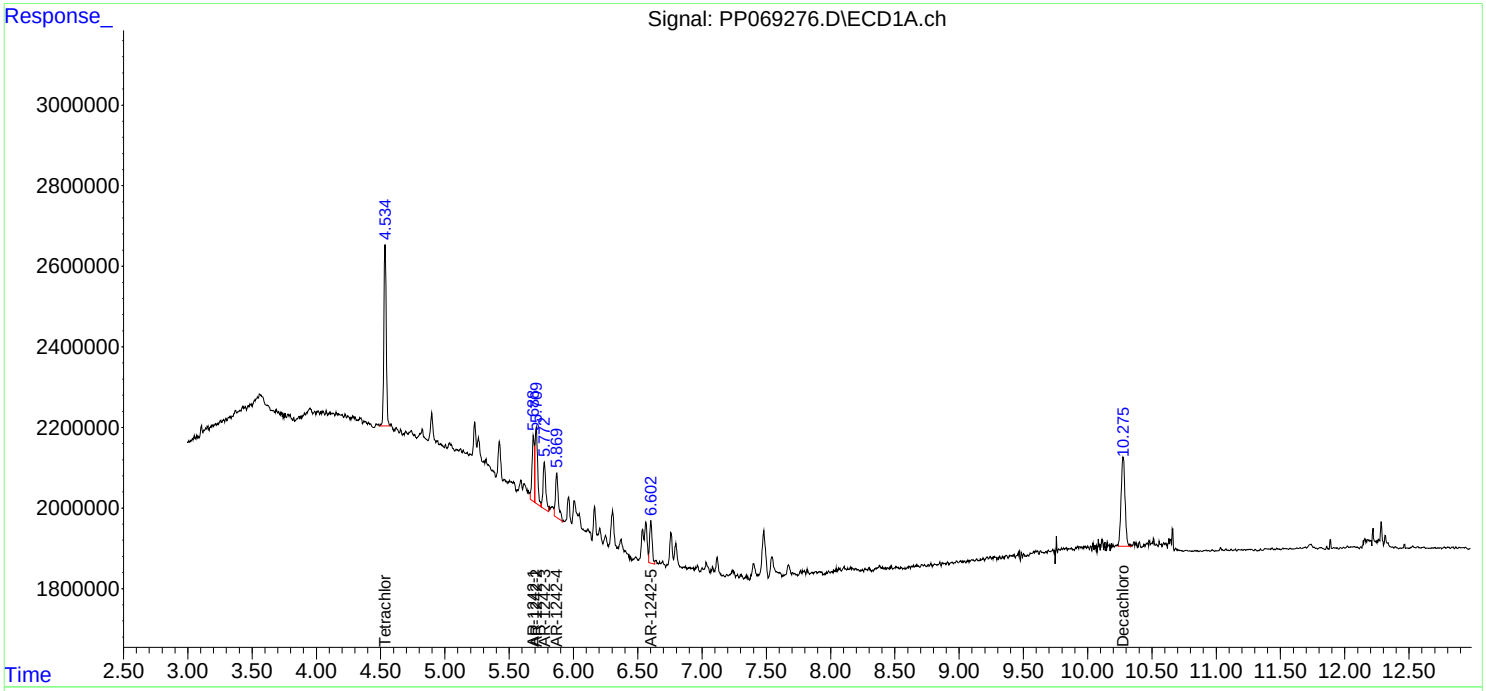
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

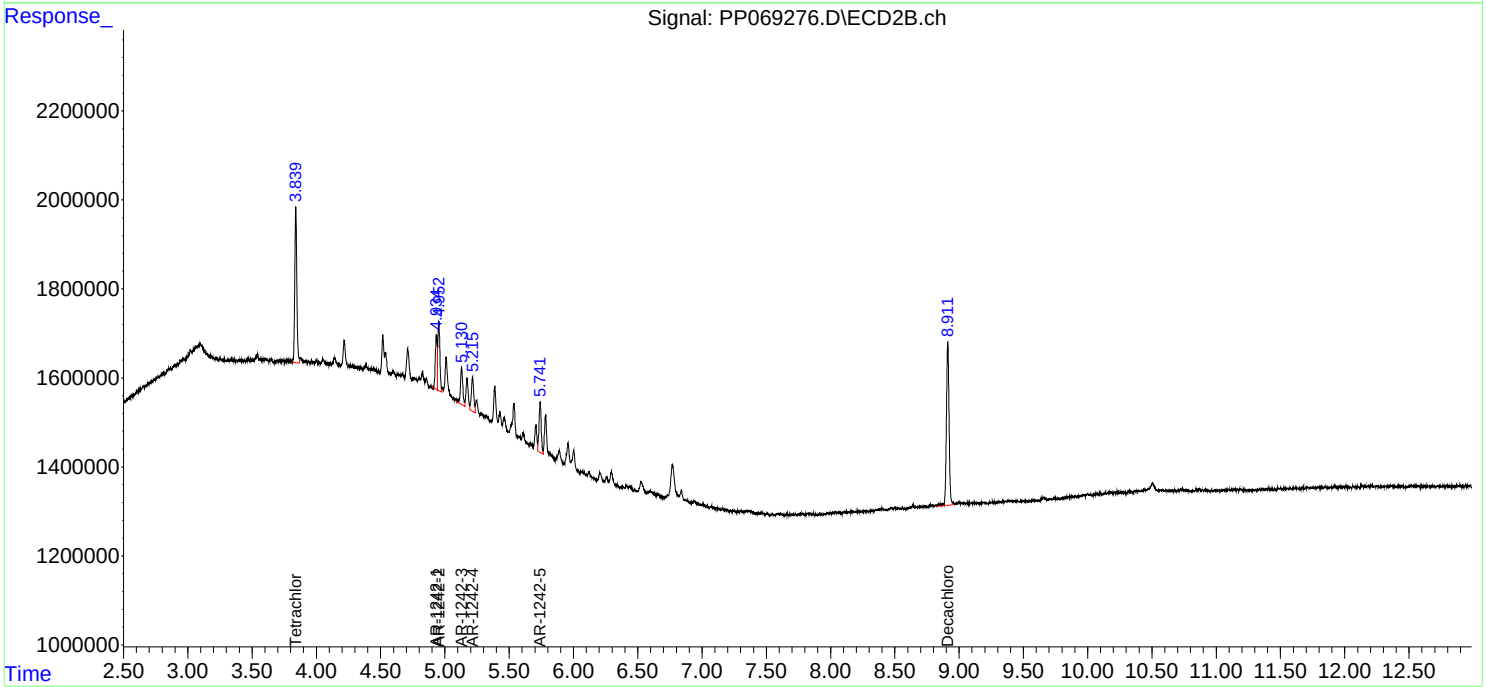
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:09
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

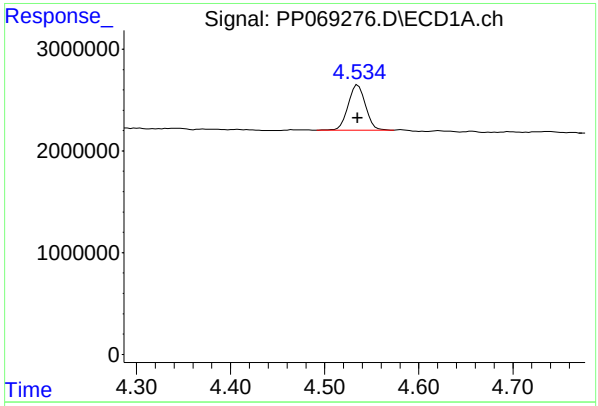
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

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

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



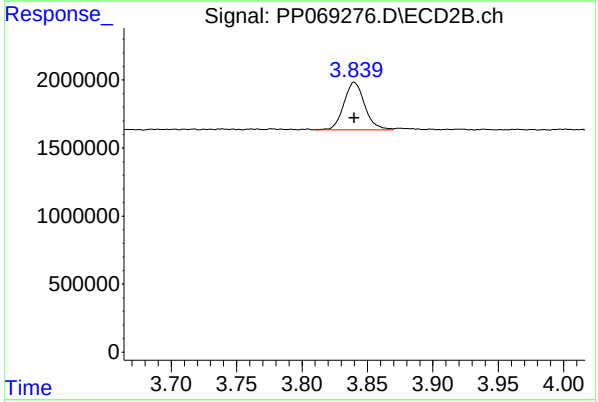




#1 Tetrachloro-m-xylene

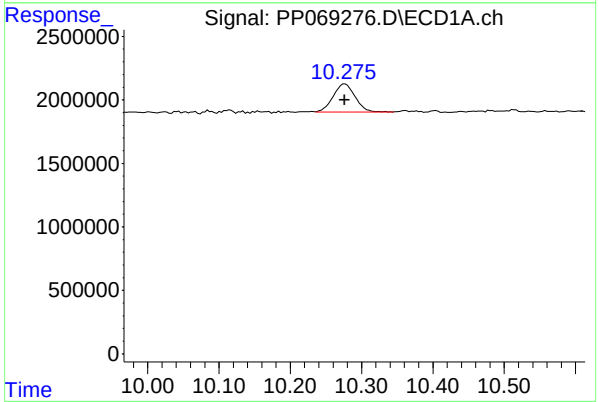
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 5712040
Conc: 4.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



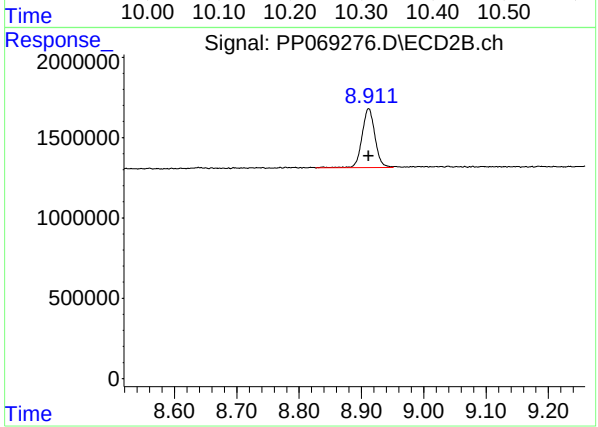
#1 Tetrachloro-m-xylene

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



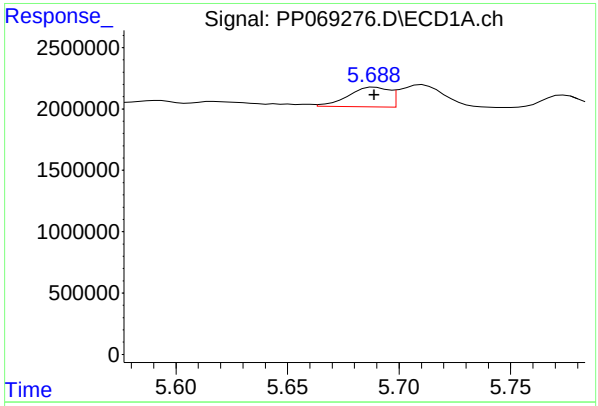
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

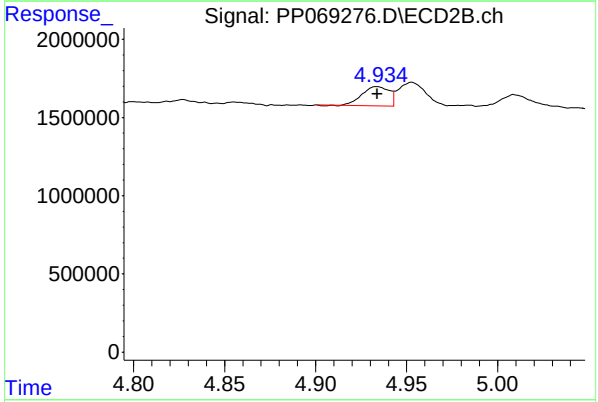
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 5291649
Conc: 4.75 ng/ml



#16 AR-1242-1

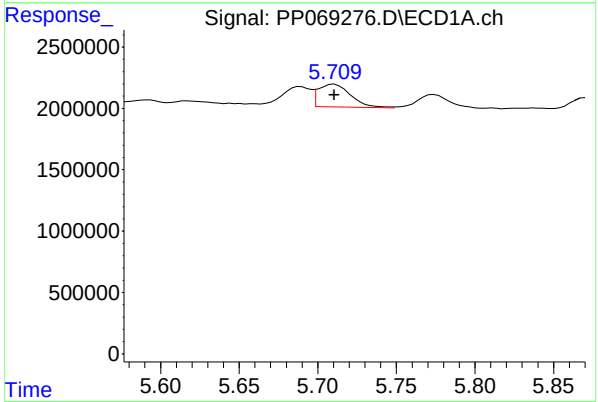
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 2048207
Conc: 49.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



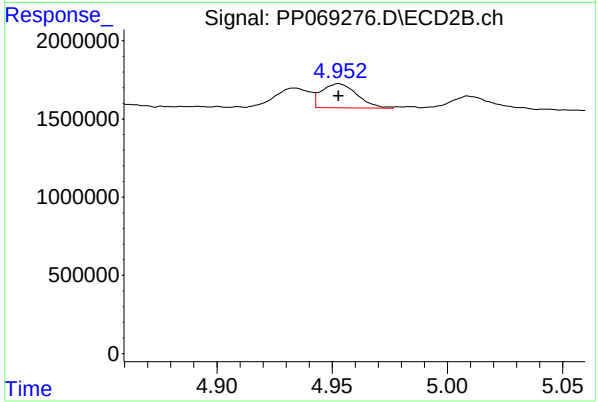
#16 AR-1242-1

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



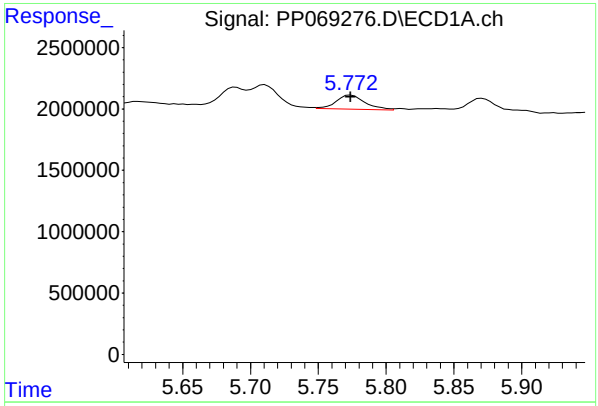
#17 AR-1242-2

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



#17 AR-1242-2

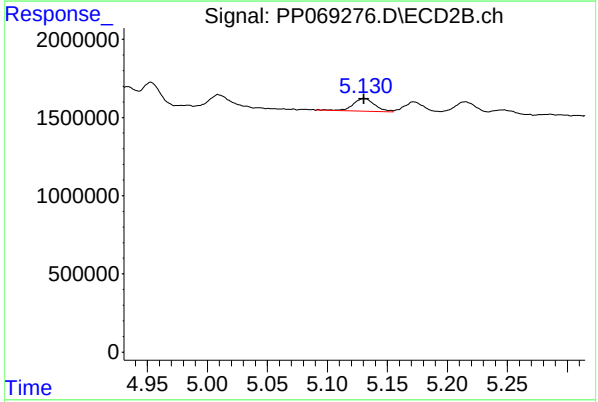
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 1653863
Conc: 41.98 ng/ml



#18 AR-1242-3

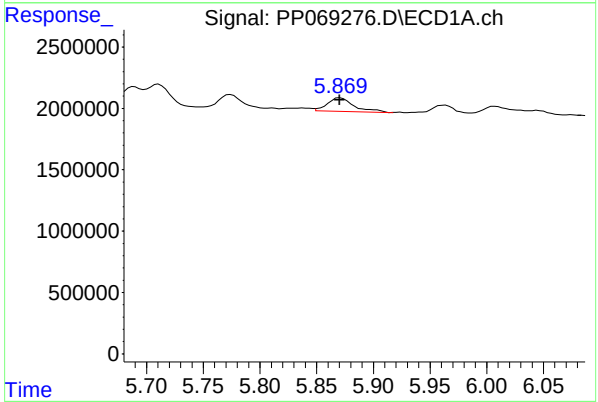
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 1740514
Conc: 46.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



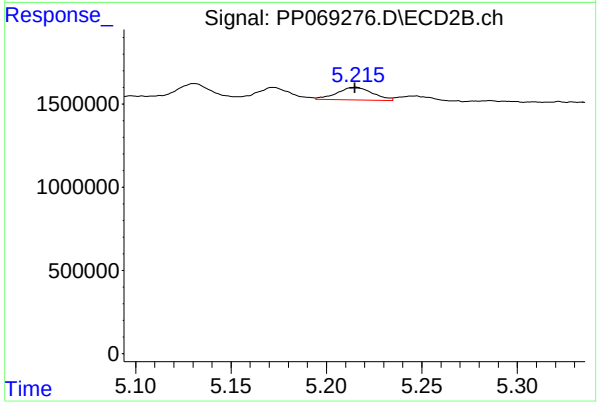
#18 AR-1242-3

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



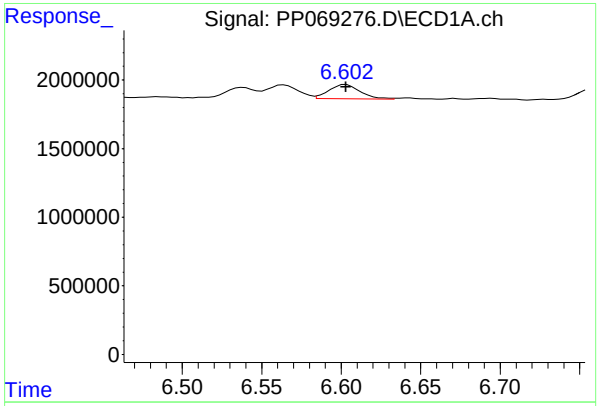
#19 AR-1242-4

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



#19 AR-1242-4

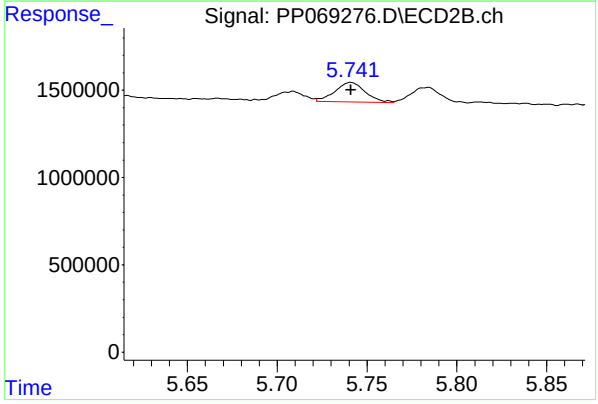
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 993205
Conc: 46.02 ng/ml



#20 AR-1242-5

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

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

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

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

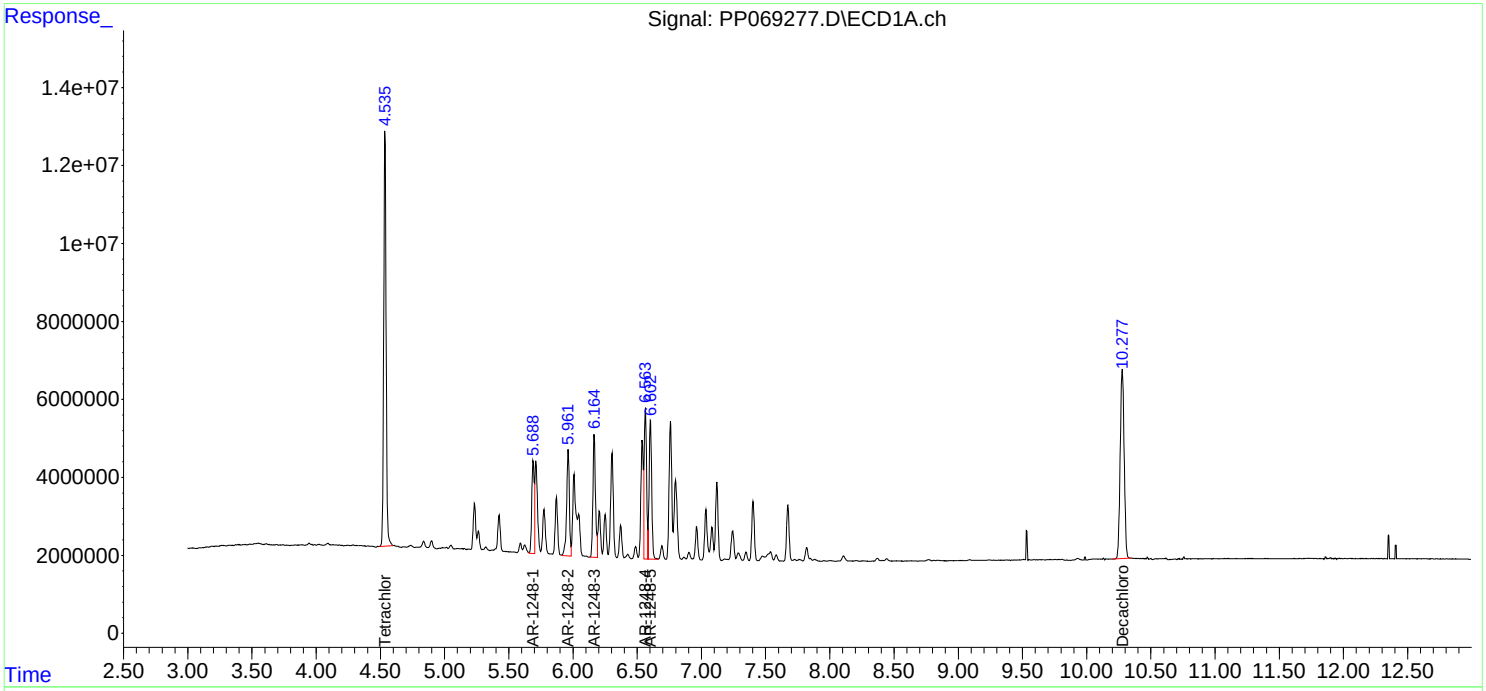
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

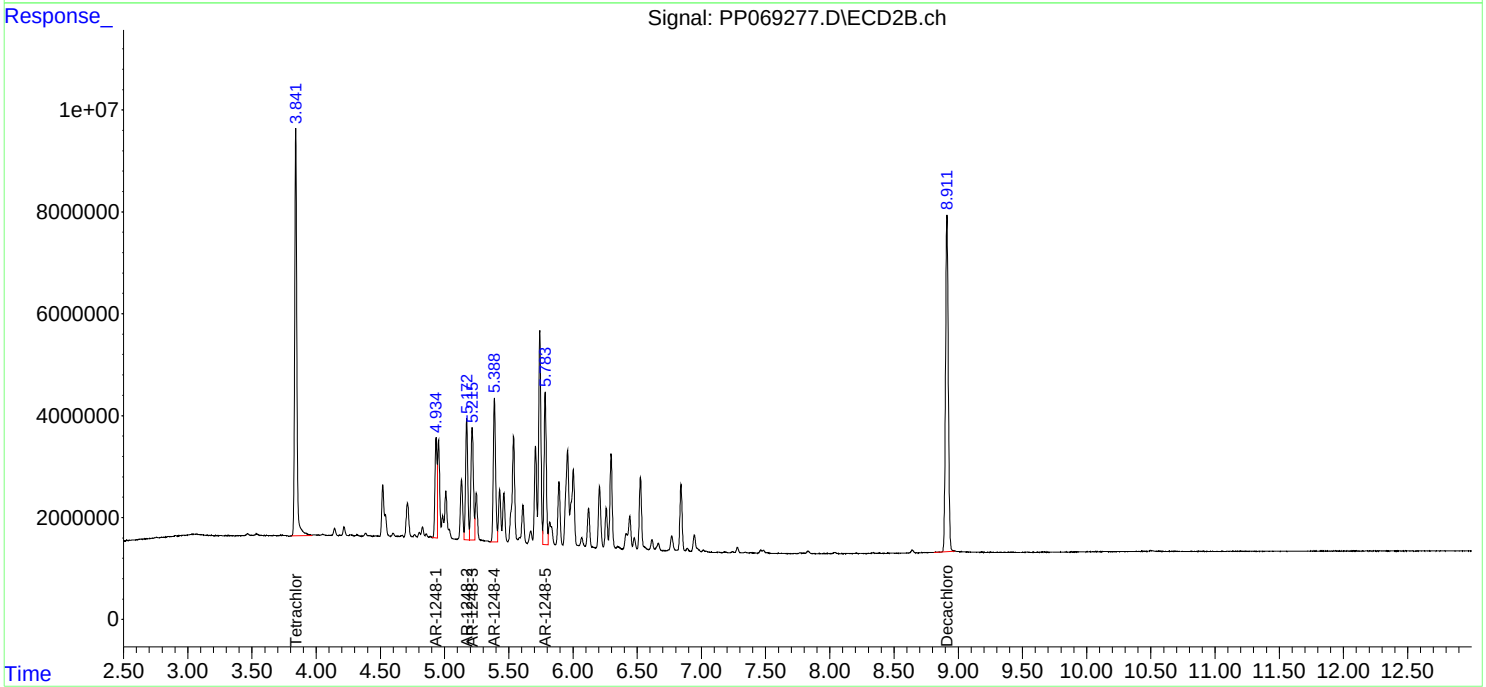
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:26
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

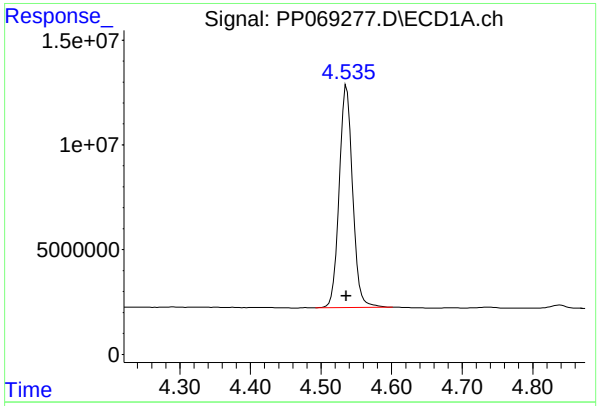
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

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

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



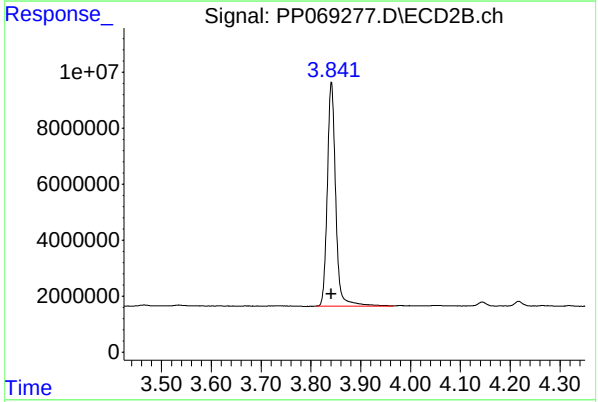




#1 Tetrachloro-m-xylene

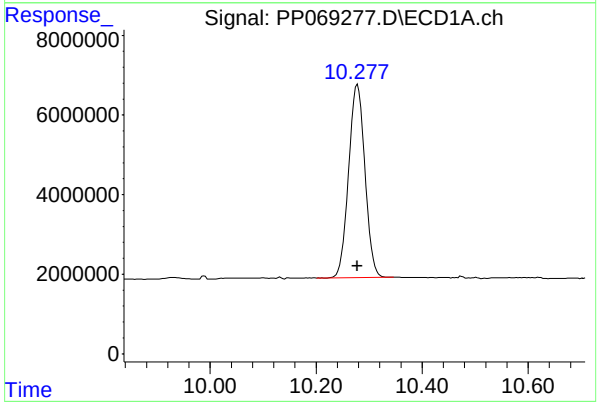
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 139785076
Conc: 96.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



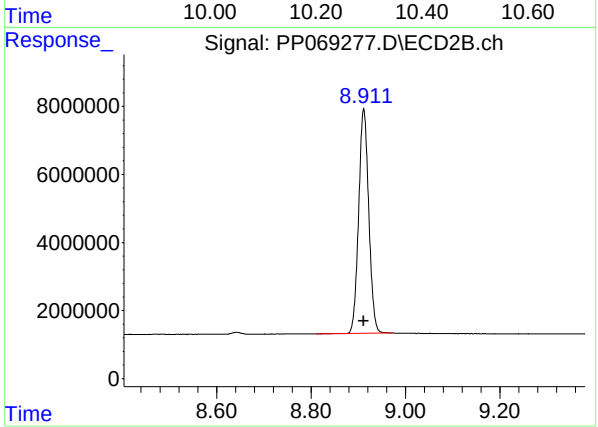
#1 Tetrachloro-m-xylene

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



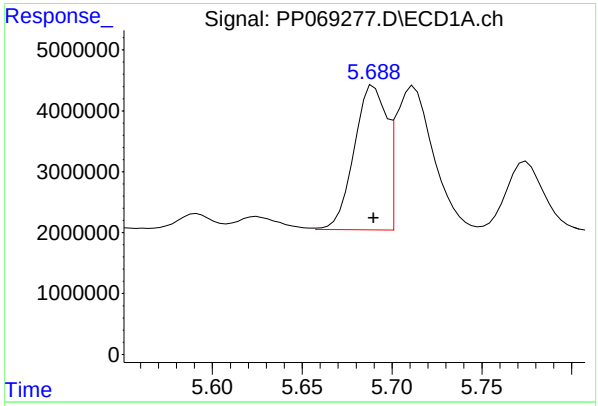
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

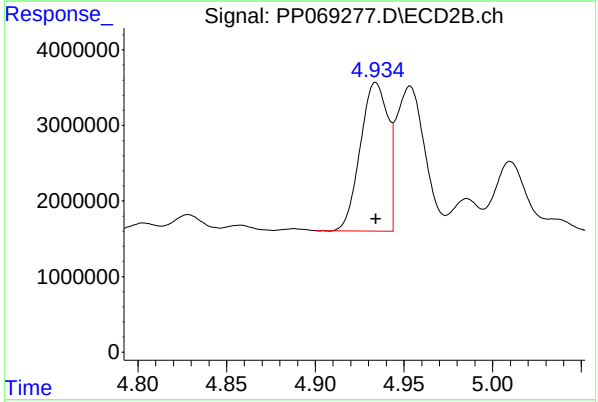
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 98040406
Conc: 93.07 ng/ml



#21 AR-1248-1

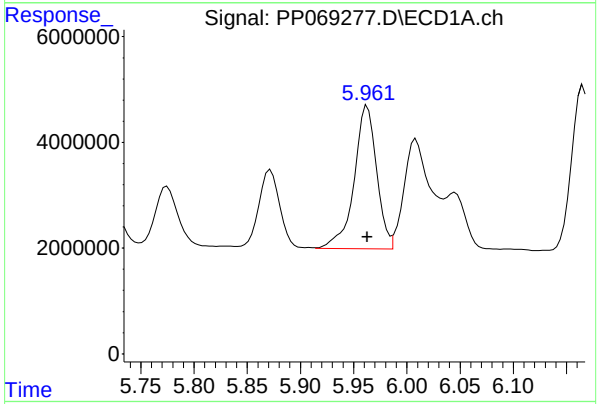
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 29720774
Conc: 955.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



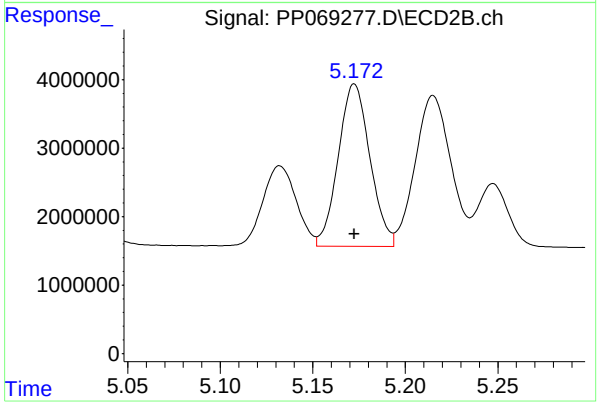
#21 AR-1248-1

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



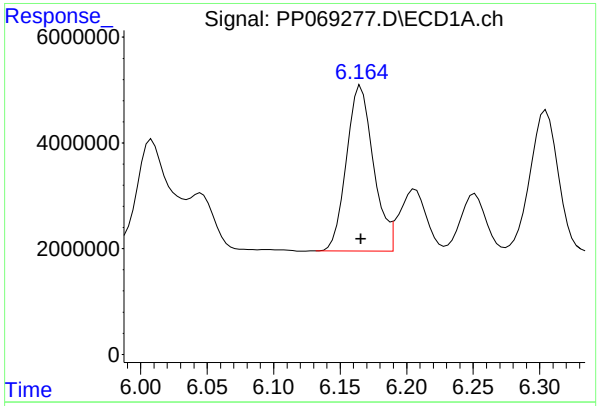
#22 AR-1248-2

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



#22 AR-1248-2

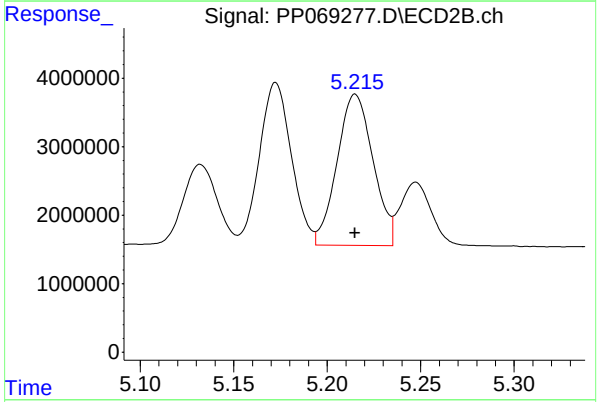
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 28324001
Conc: 965.85 ng/ml



#23 AR-1248-3

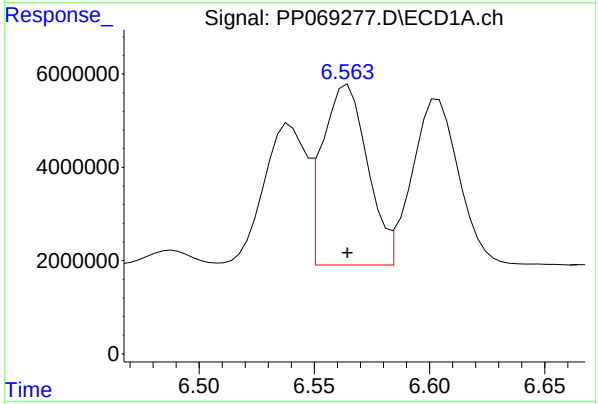
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 44249426
Conc: 956.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



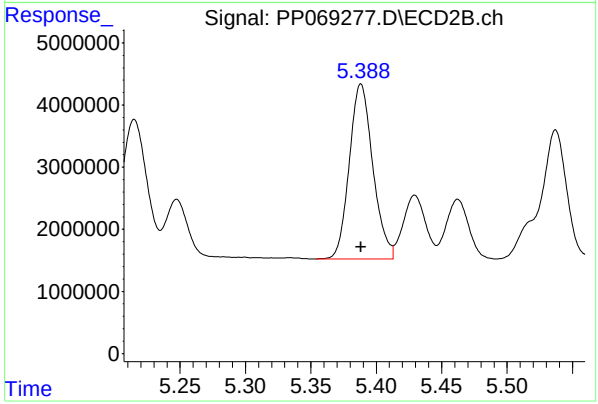
#23 AR-1248-3

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



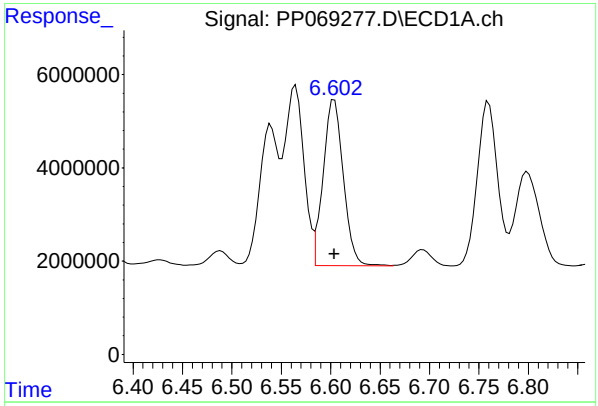
#24 AR-1248-4

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



#24 AR-1248-4

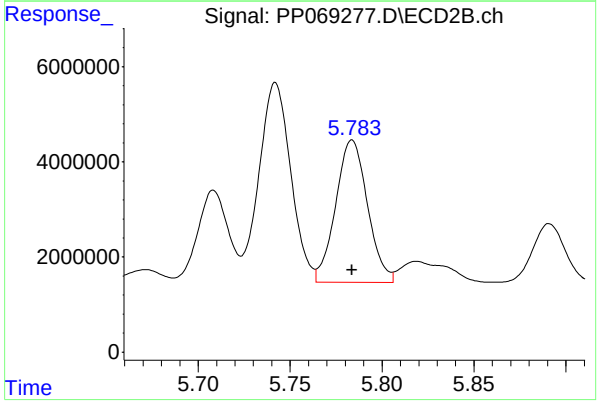
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 35306028
Conc: 964.84 ng/ml



#25 AR-1248-5

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

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

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

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

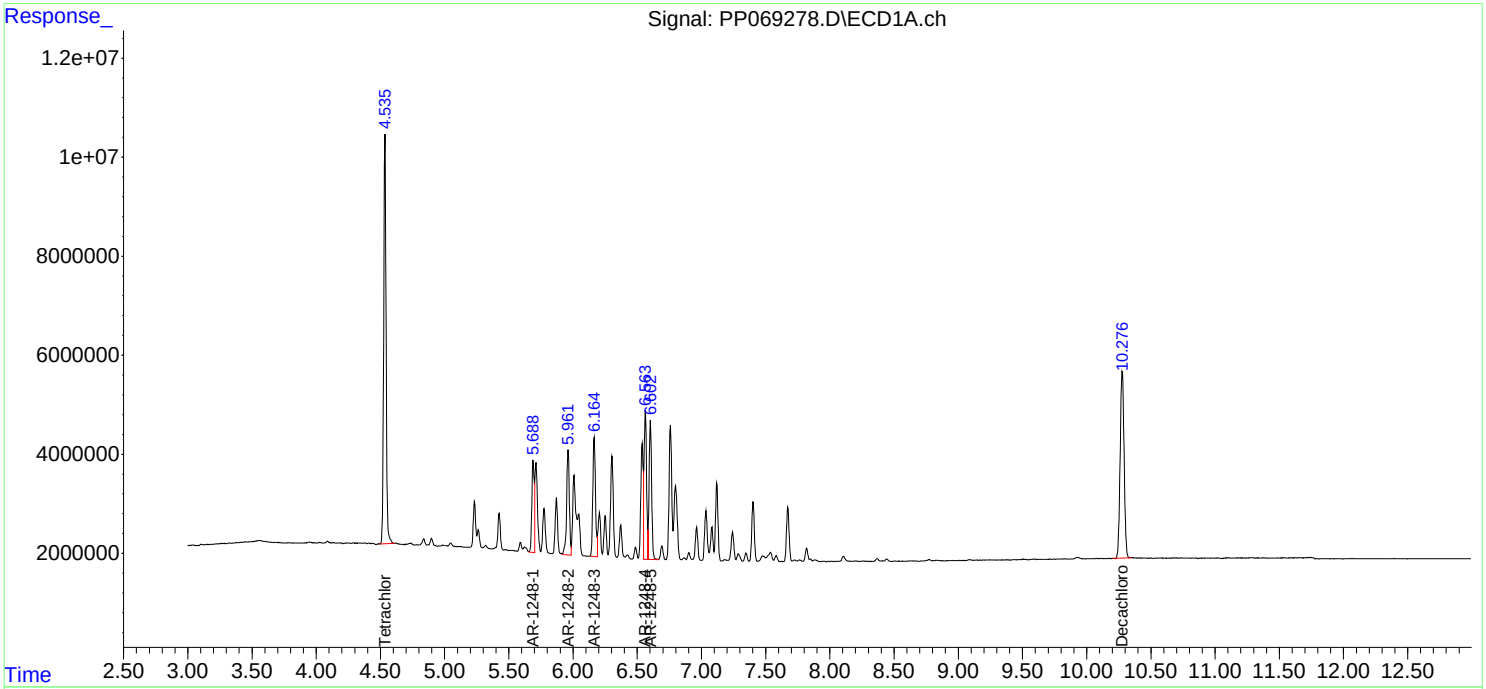
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

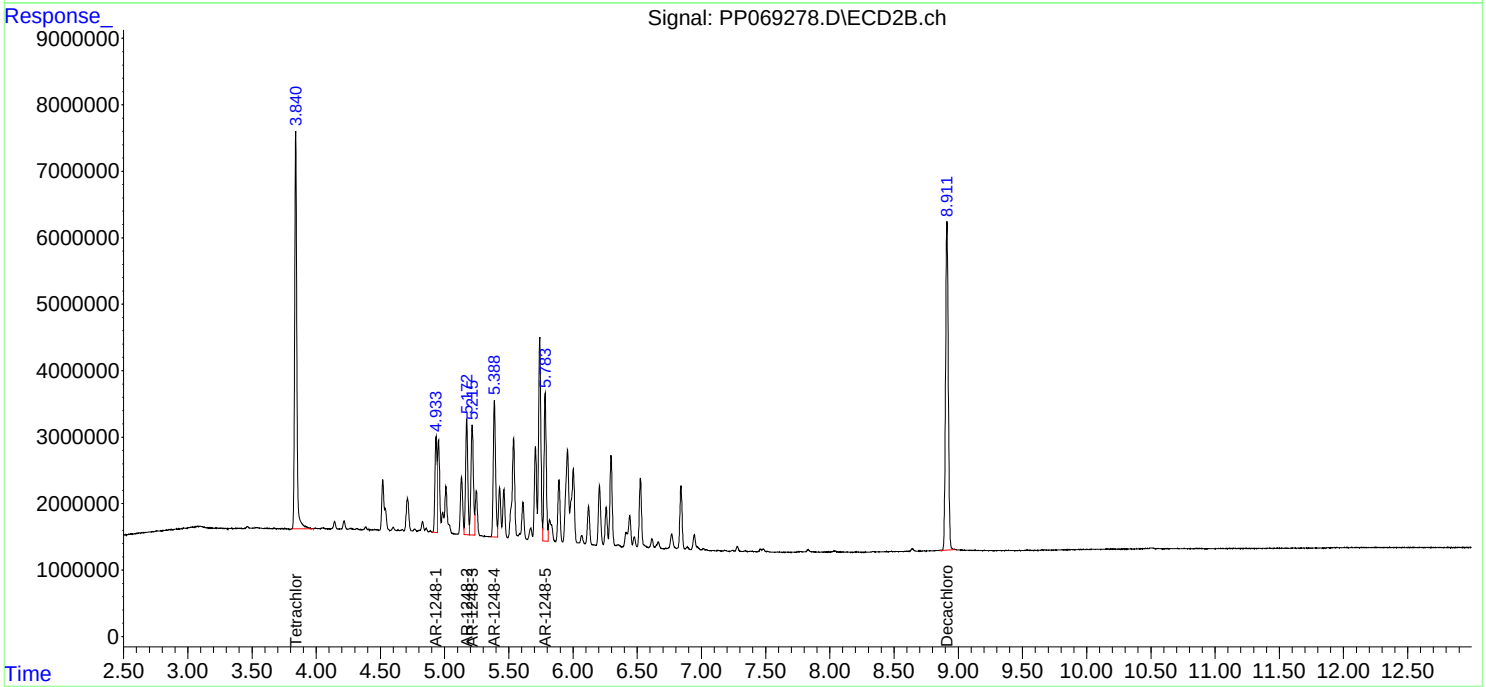
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:42
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

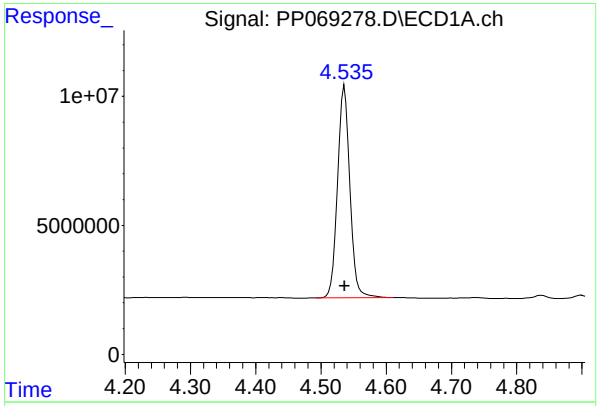
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

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

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



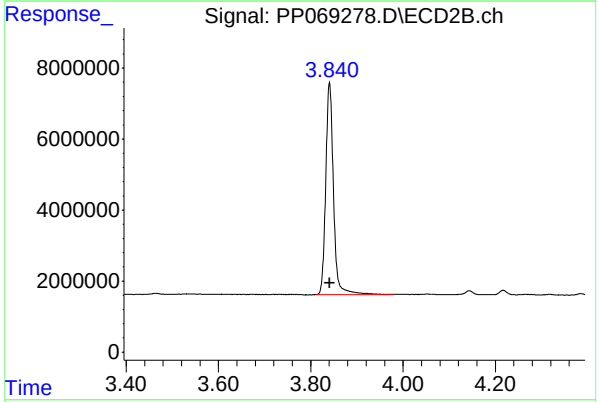




#1 Tetrachloro-m-xylene

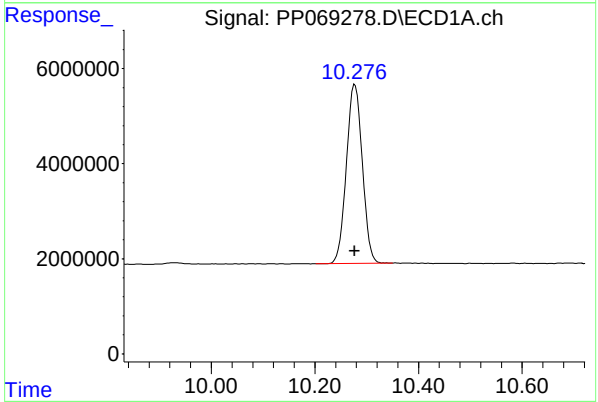
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 108083506
Conc: 74.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



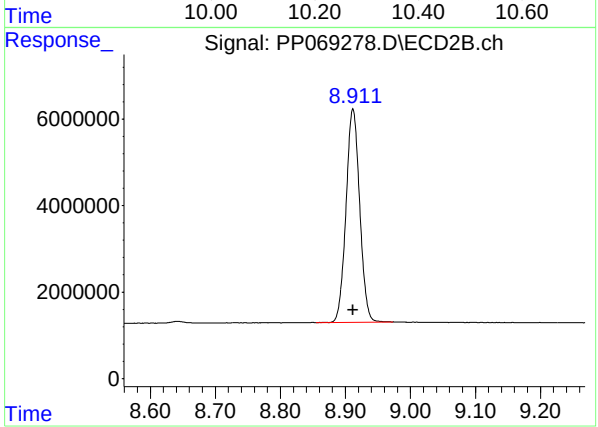
#1 Tetrachloro-m-xylene

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



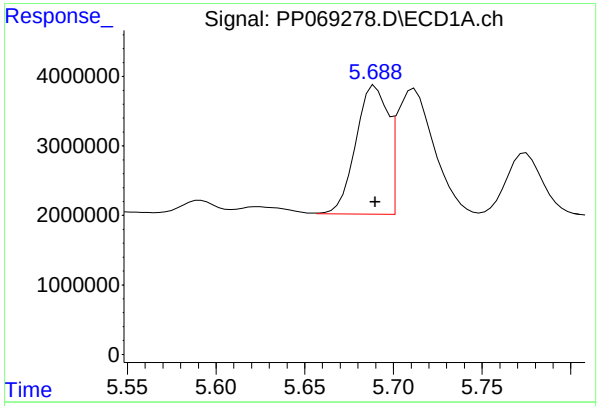
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

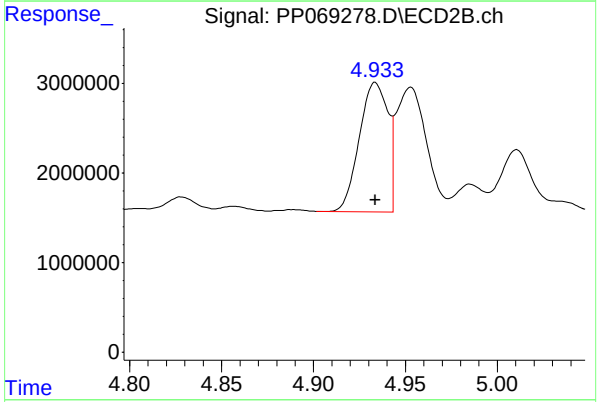
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 71992164
Conc: 70.43 ng/ml



#21 AR-1248-1

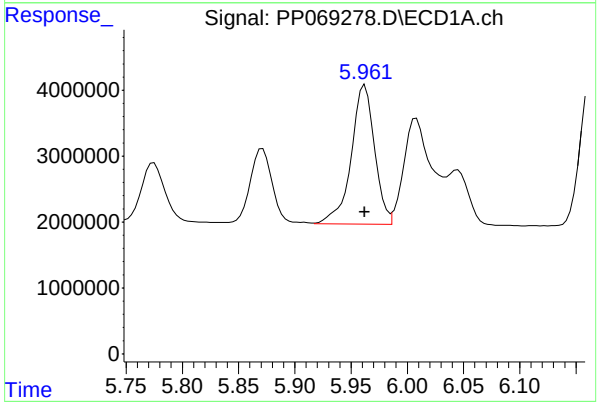
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 23301477
Conc: 749.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



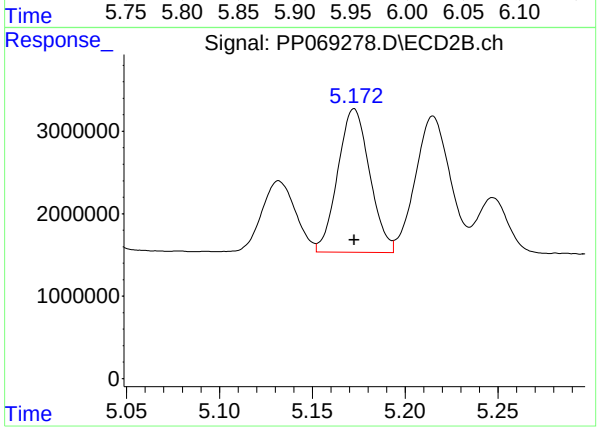
#21 AR-1248-1

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



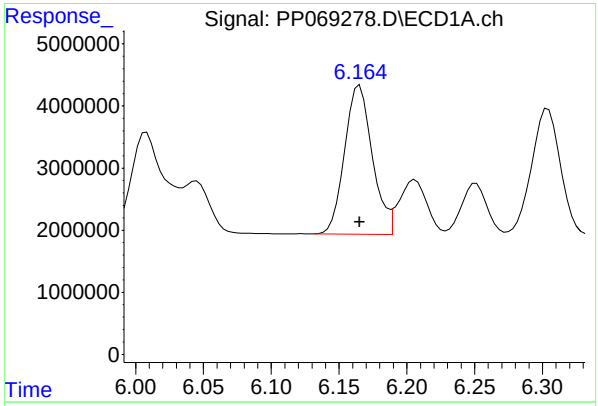
#22 AR-1248-2

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



#22 AR-1248-2

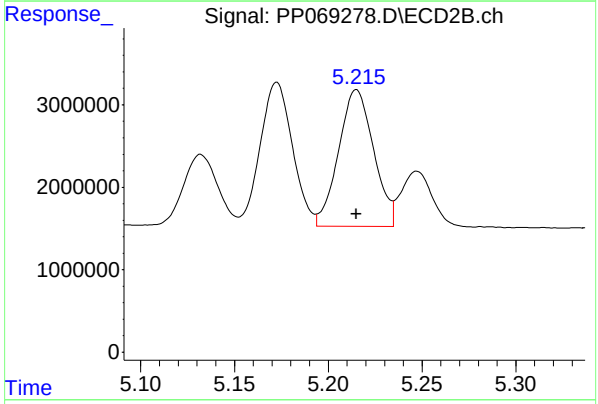
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 20848478
Conc: 723.49 ng/ml



#23 AR-1248-3

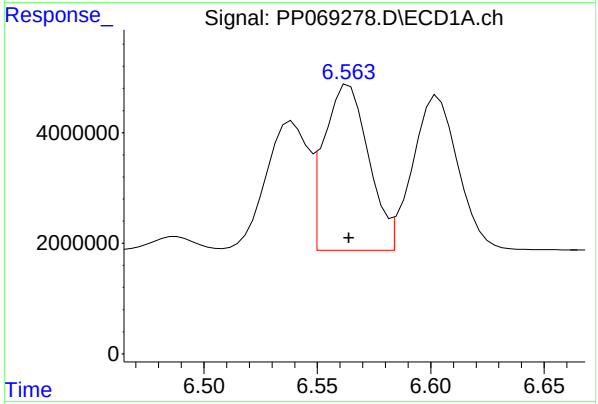
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 33991113
Conc: 739.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



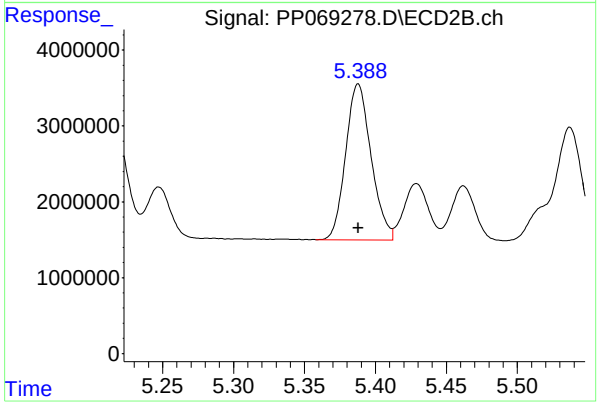
#23 AR-1248-3

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



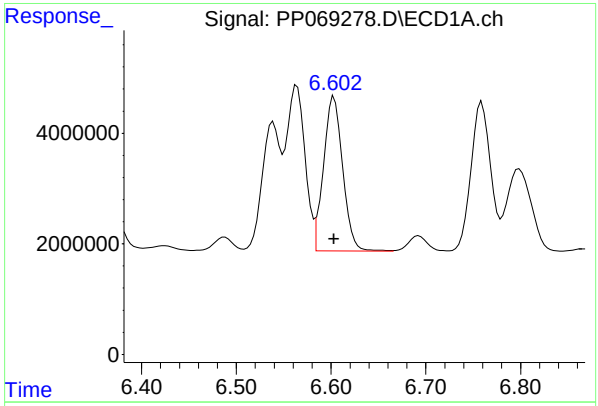
#24 AR-1248-4

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



#24 AR-1248-4

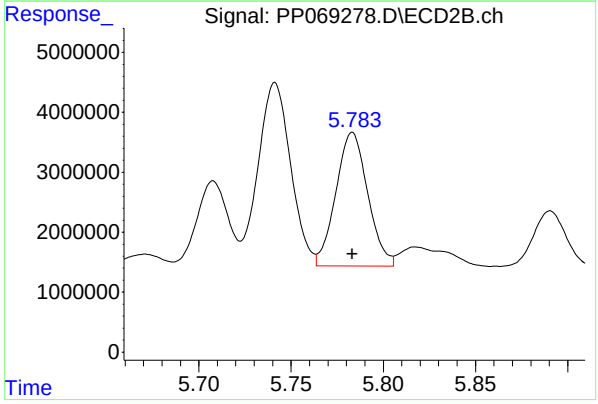
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 25659920
Conc: 716.77 ng/ml



#25 AR-1248-5

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

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

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

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

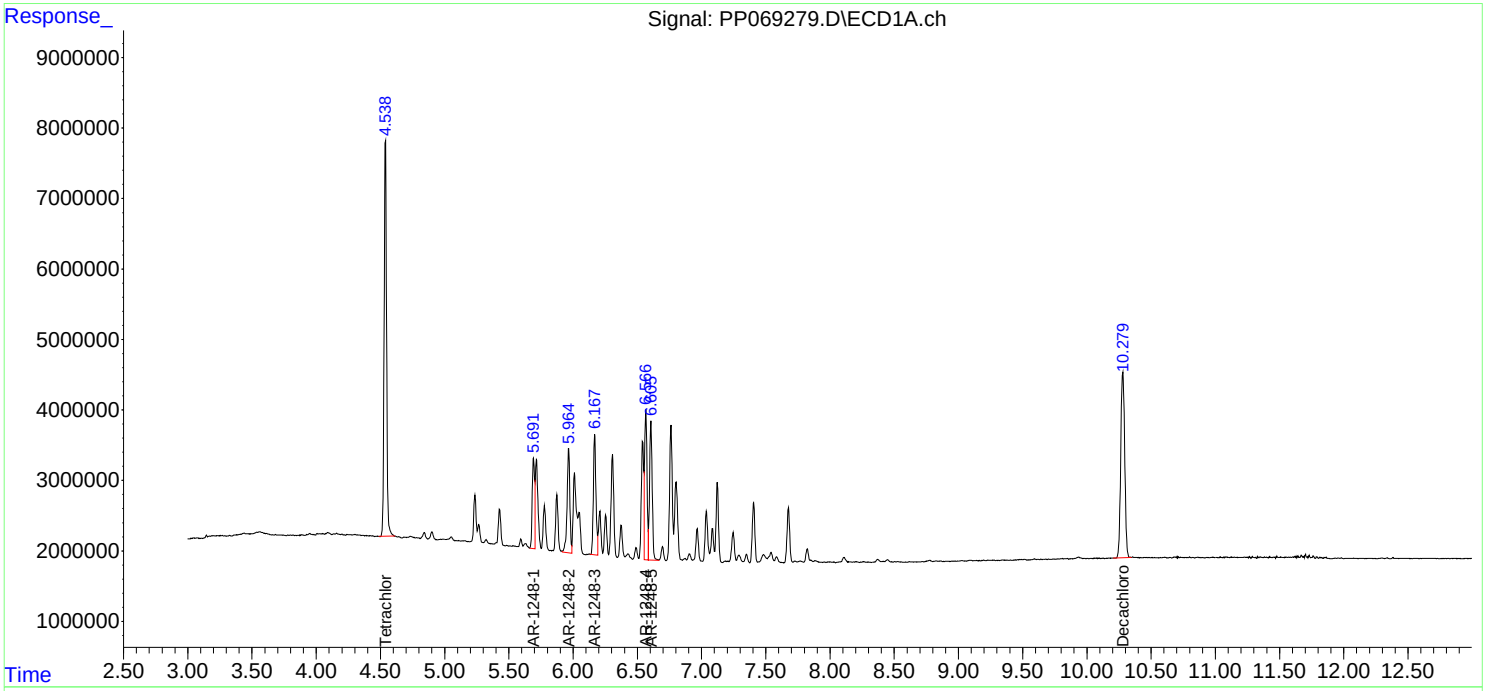
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

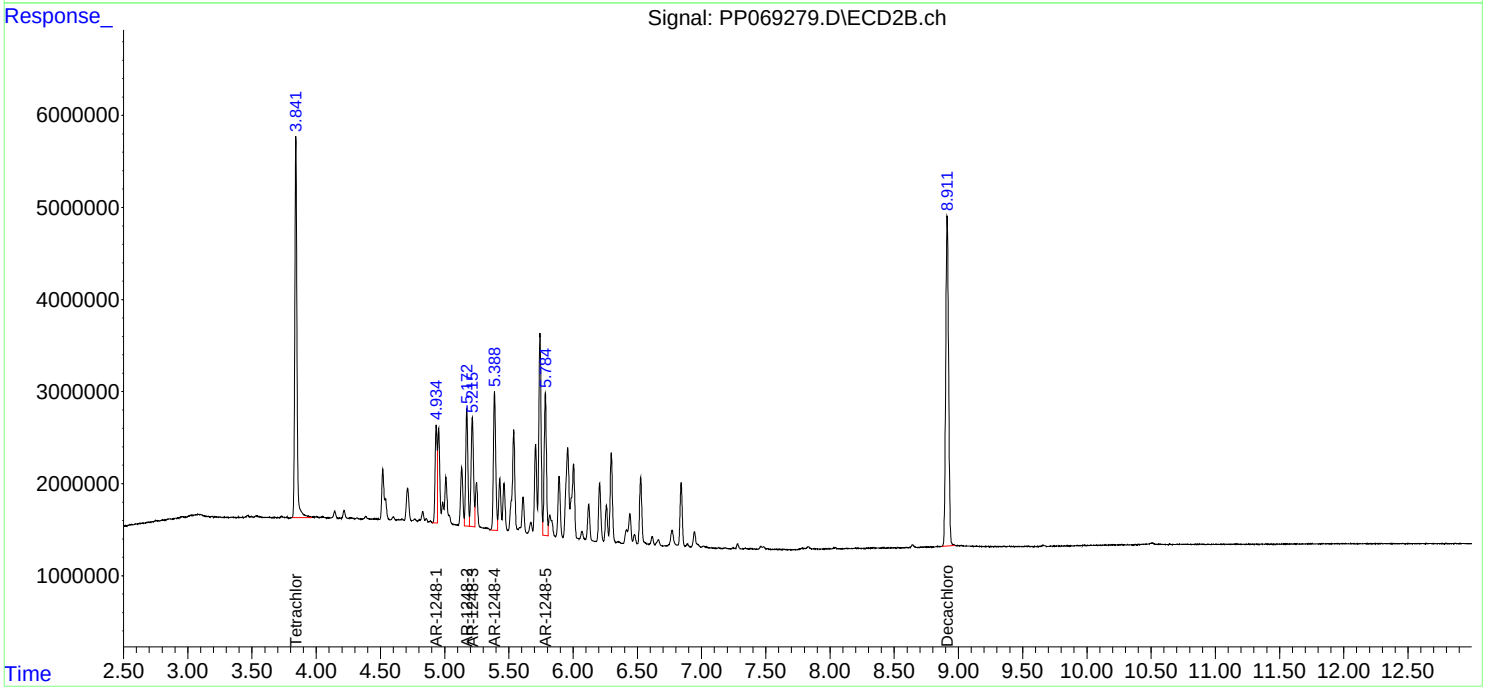
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 13:58
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

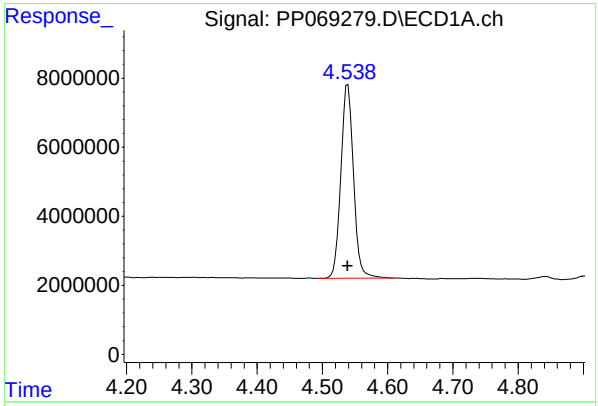
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

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

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



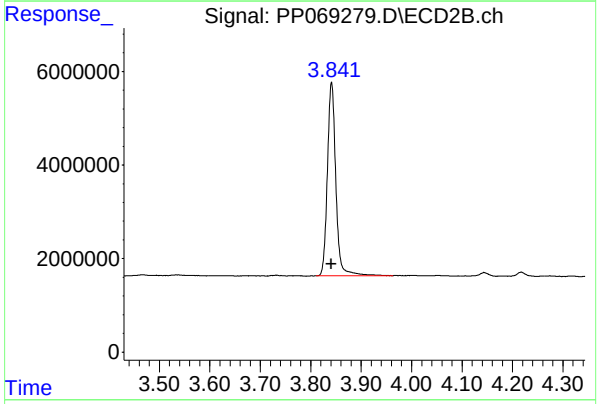




#1 Tetrachloro-m-xylene

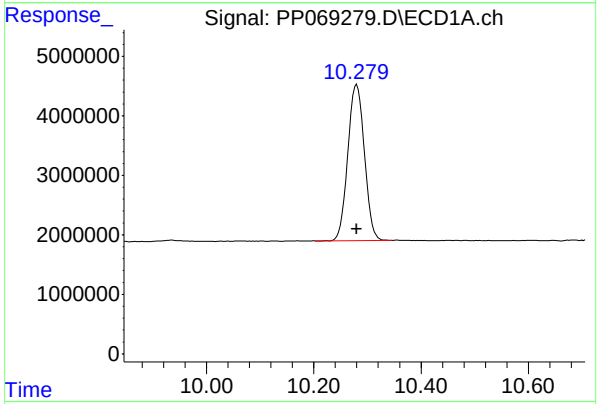
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 75663746
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



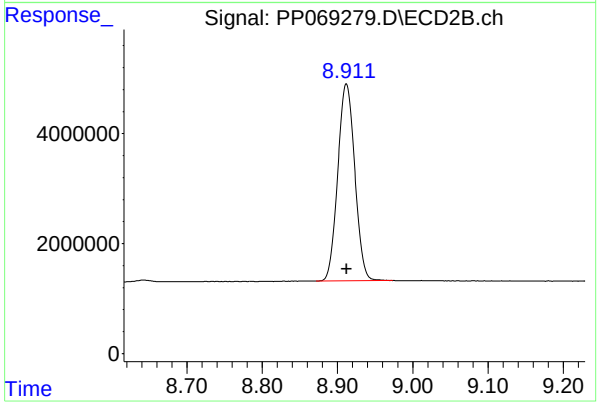
#1 Tetrachloro-m-xylene

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



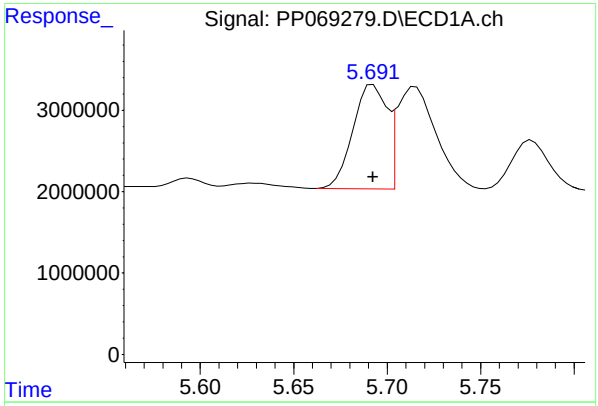
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

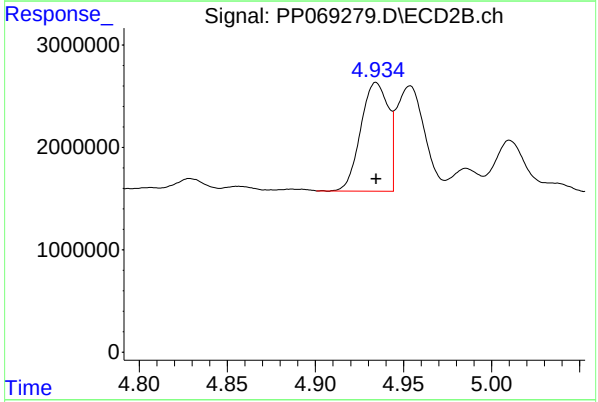
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 56321067
Conc: 50.00 ng/ml



#21 AR-1248-1

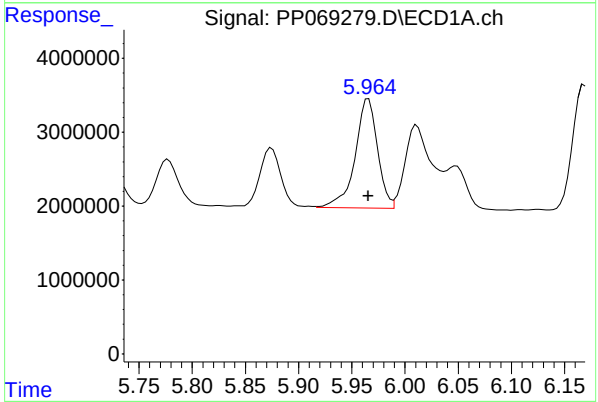
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 16248025
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



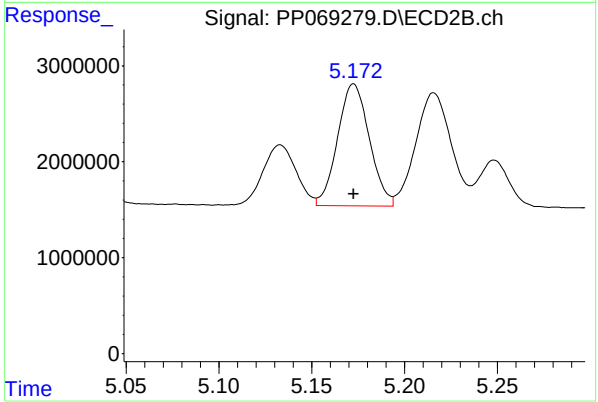
#21 AR-1248-1

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



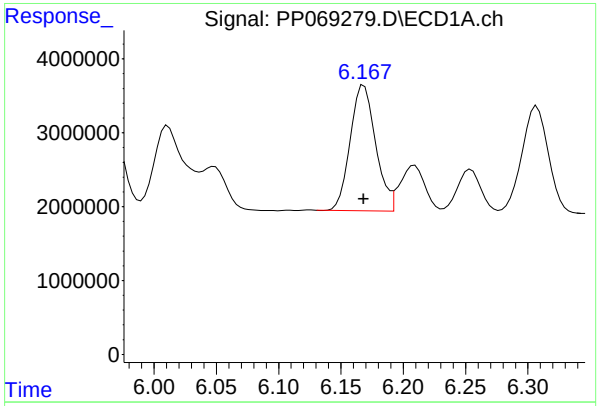
#22 AR-1248-2

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



#22 AR-1248-2

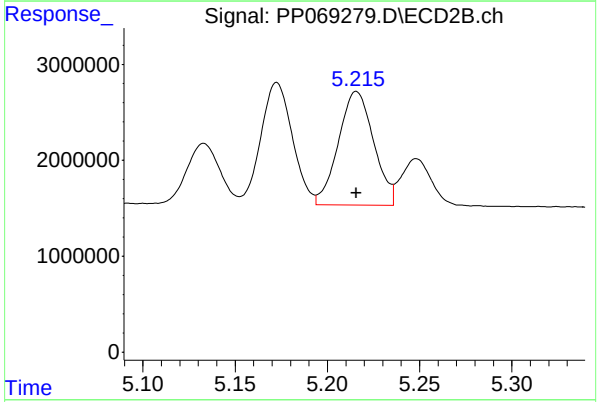
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 15163563
Conc: 500.00 ng/ml



#23 AR-1248-3

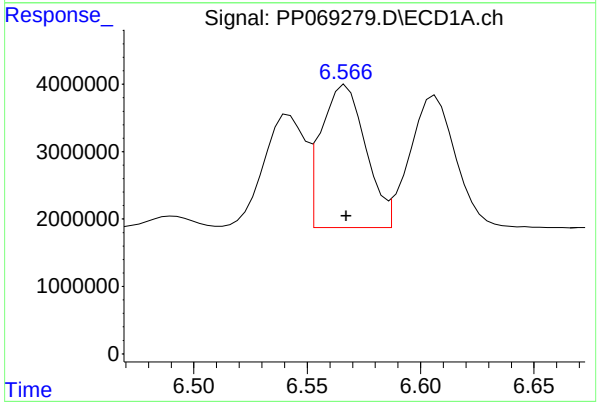
R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 24137406
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



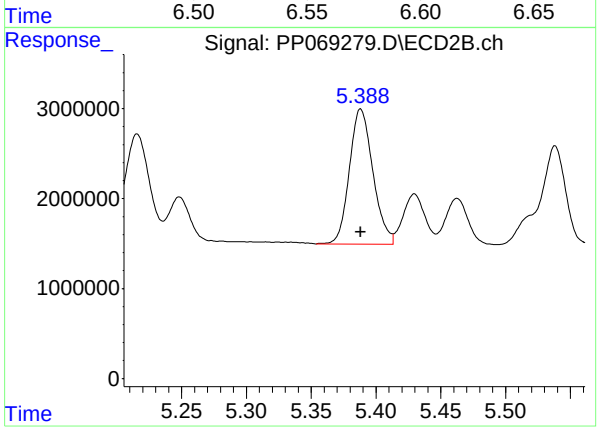
#23 AR-1248-3

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



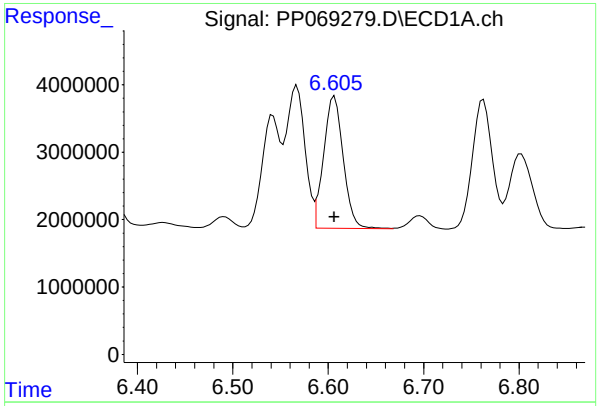
#24 AR-1248-4

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



#24 AR-1248-4

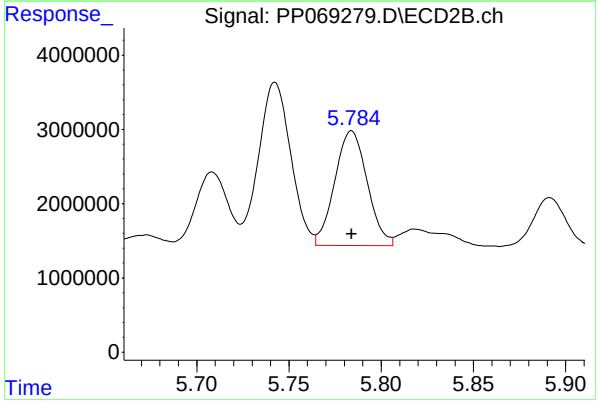
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 18939791
Conc: 500.00 ng/ml



#25 AR-1248-5

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

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

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

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

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

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

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

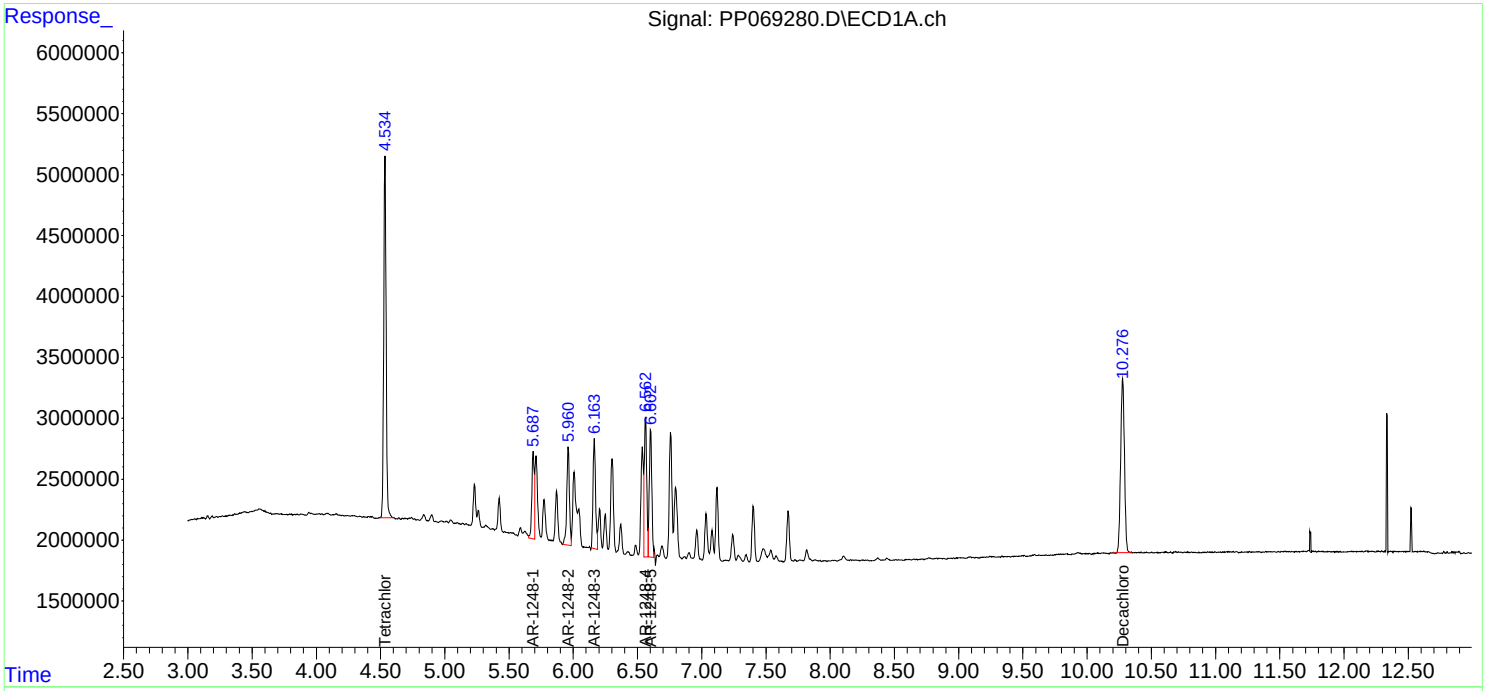
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

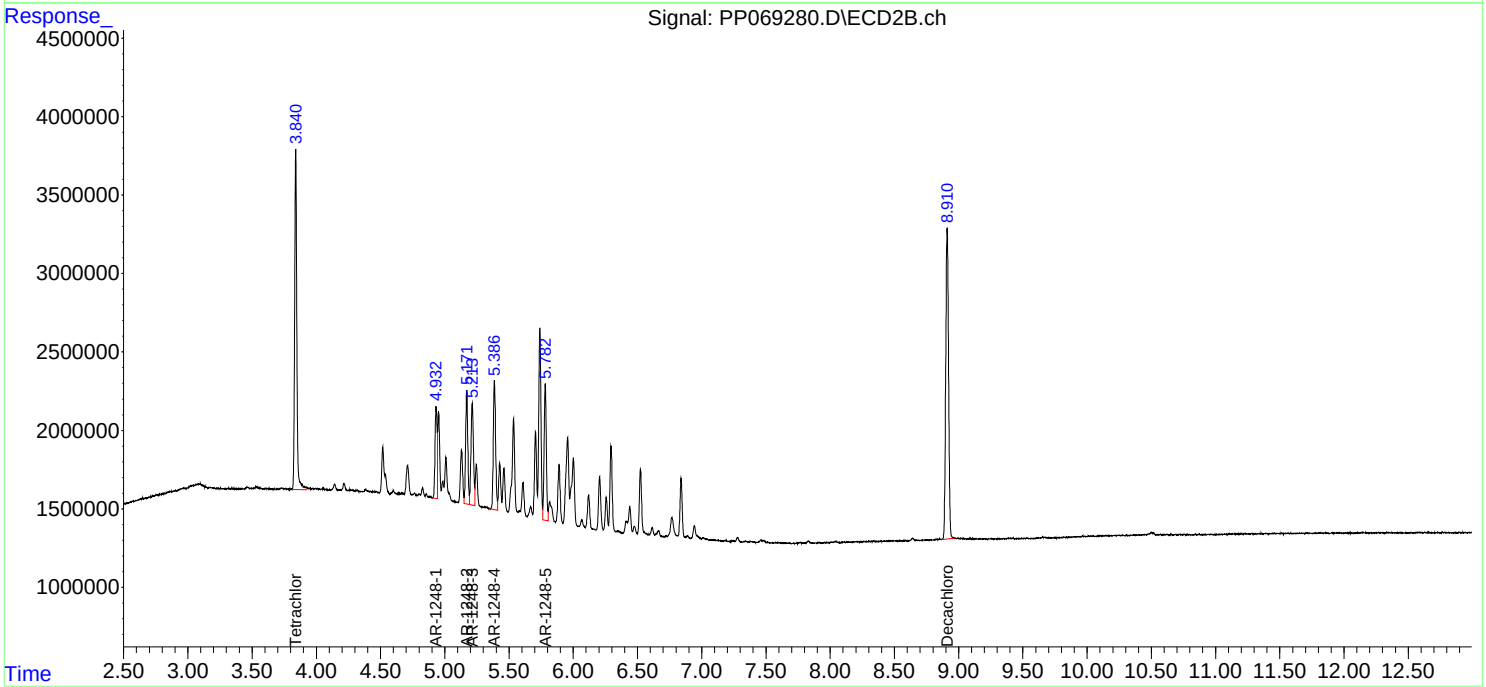
Manual Integrations APPROVED

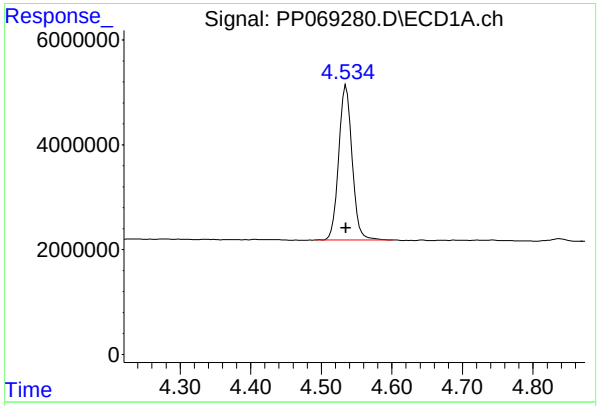
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

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

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







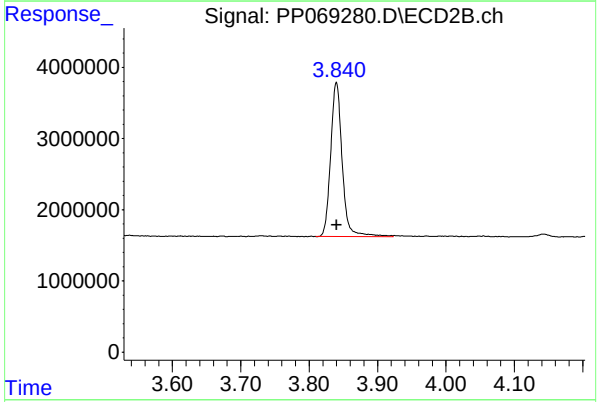
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

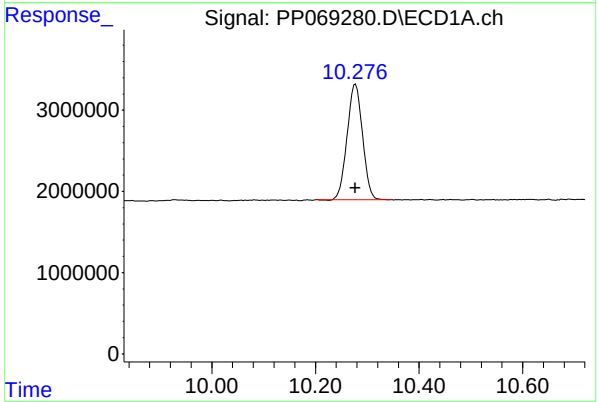
Manual Integrations APPROVED

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



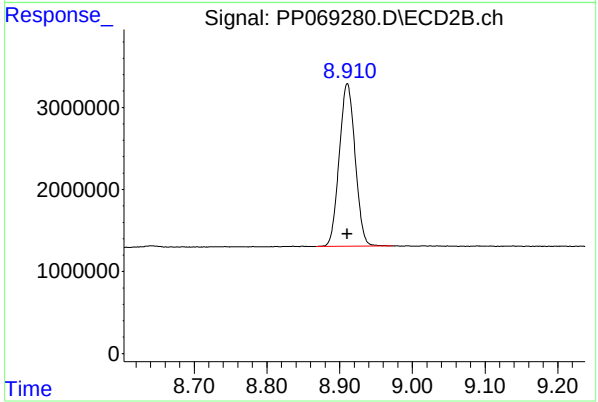
#1 Tetrachloro-m-xylene

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



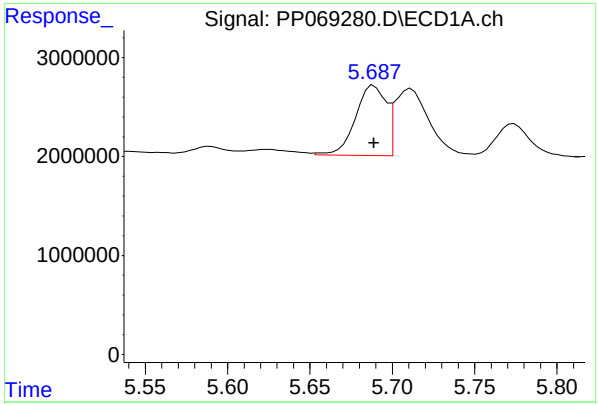
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

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



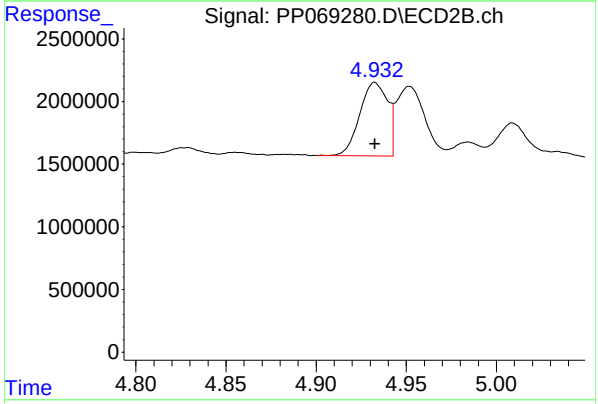
#21 AR-1248-1

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

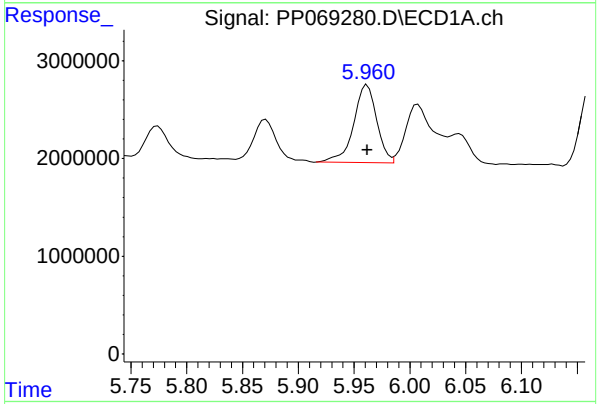
Manual Integrations APPROVED

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



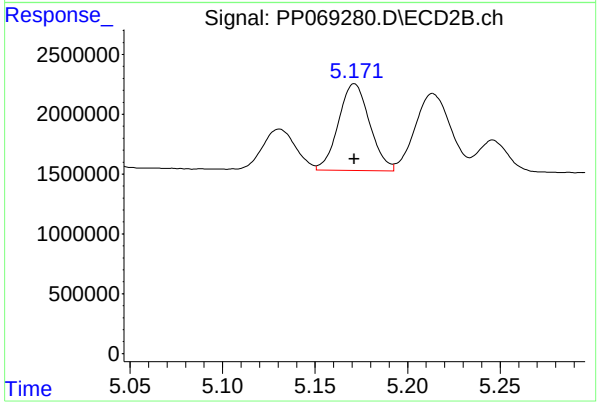
#21 AR-1248-1

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



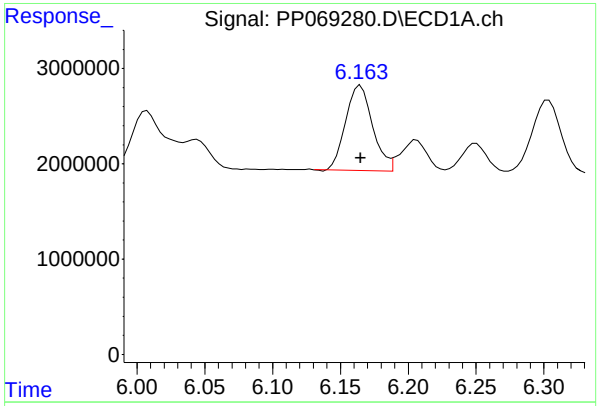
#22 AR-1248-2

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



#22 AR-1248-2

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



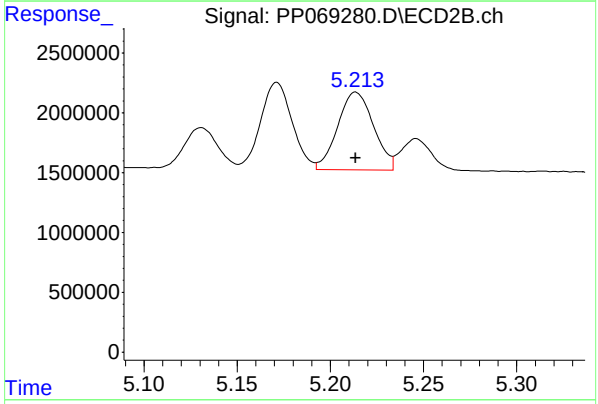
#23 AR-1248-3

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

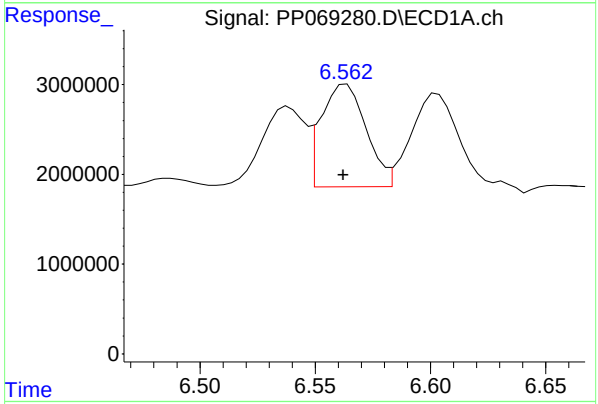
Manual Integrations APPROVED

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



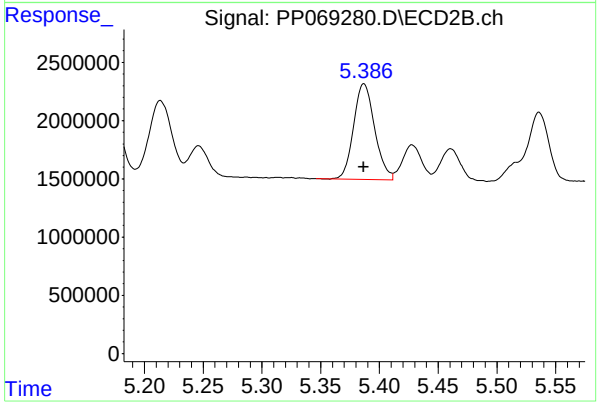
#23 AR-1248-3

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



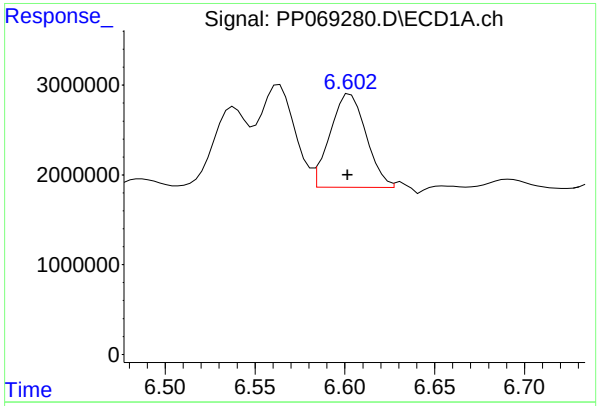
#24 AR-1248-4

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



#24 AR-1248-4

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



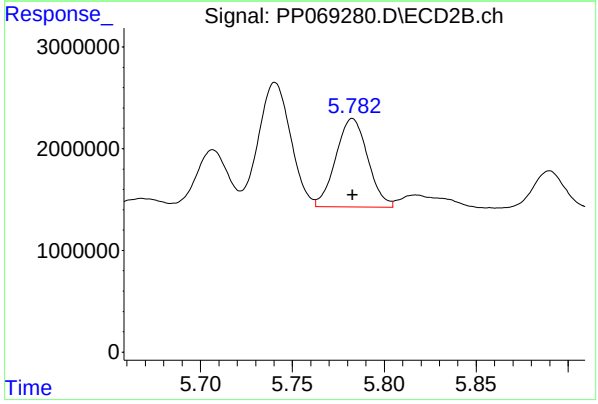
#25 AR-1248-5

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

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



#25 AR-1248-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

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

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

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

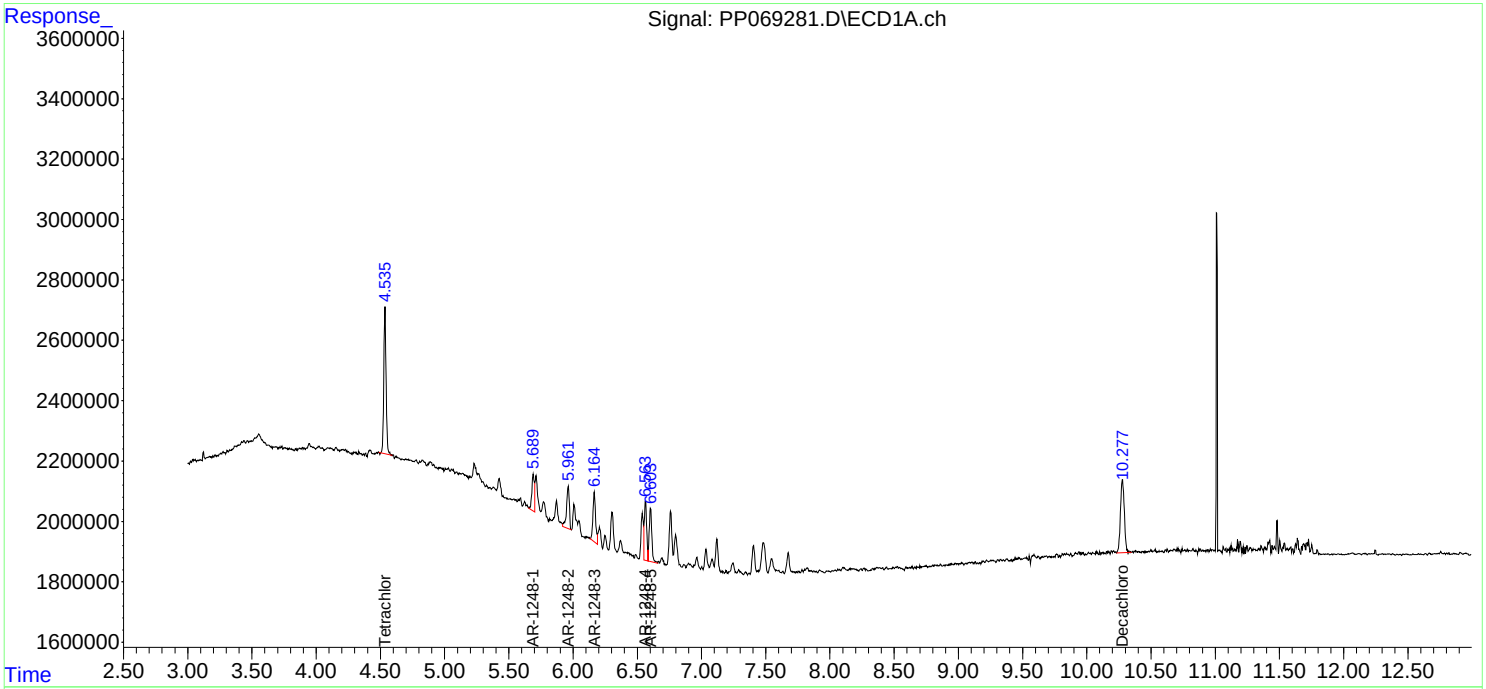
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

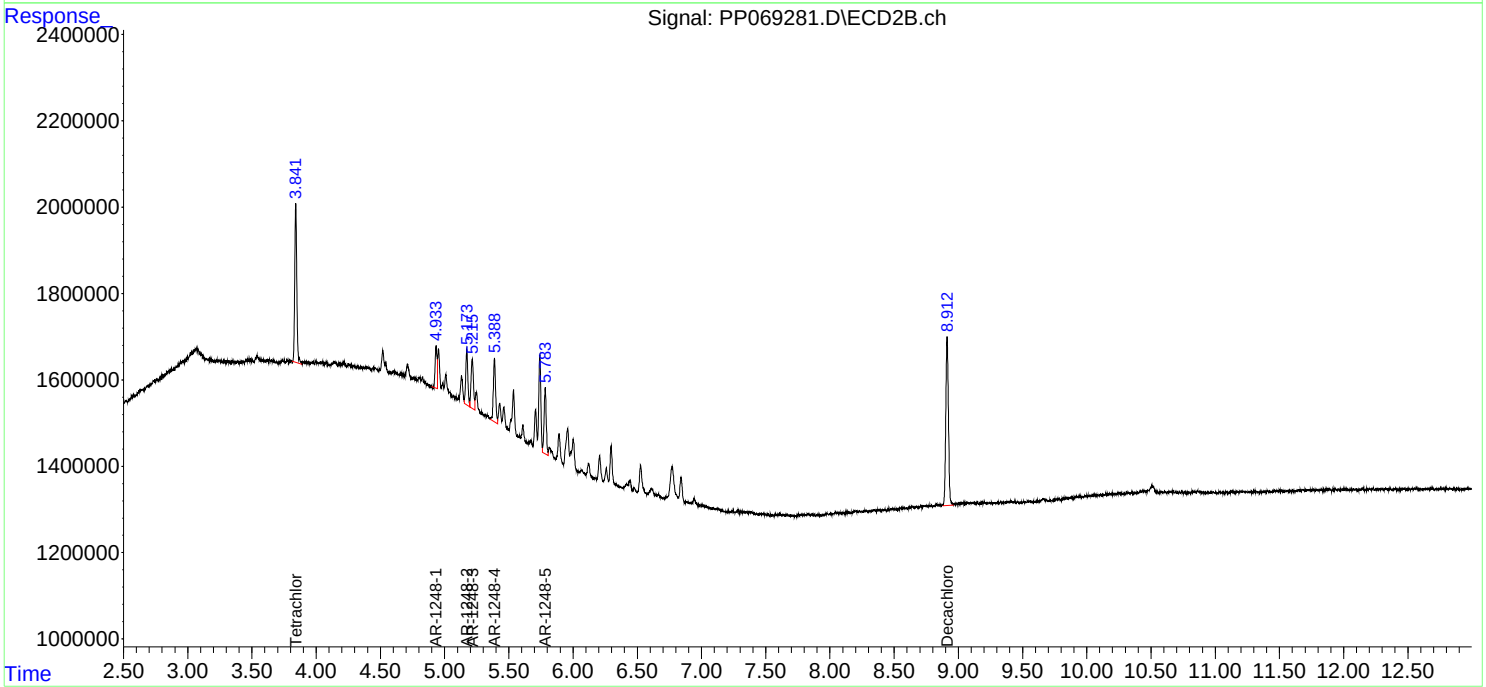
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:31
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

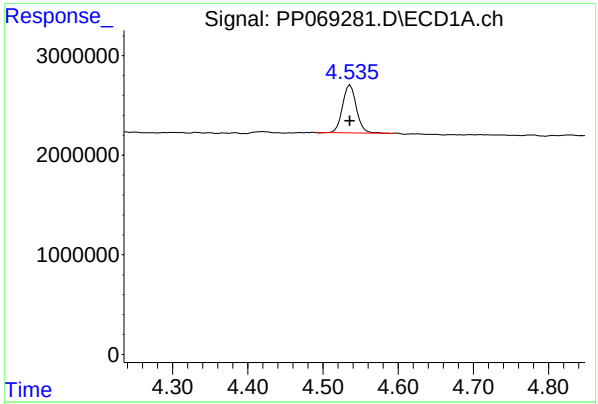
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

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

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



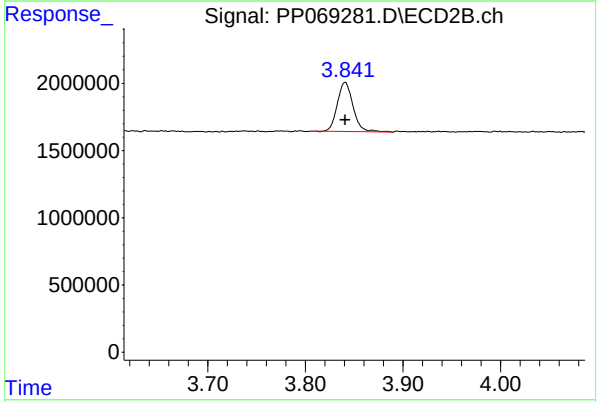




#1 Tetrachloro-m-xylene

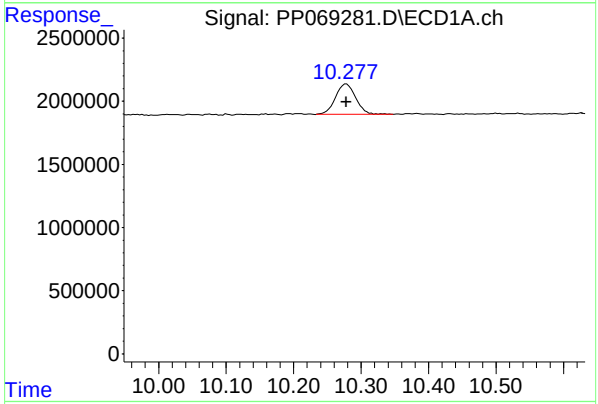
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 6169681
Conc: 4.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



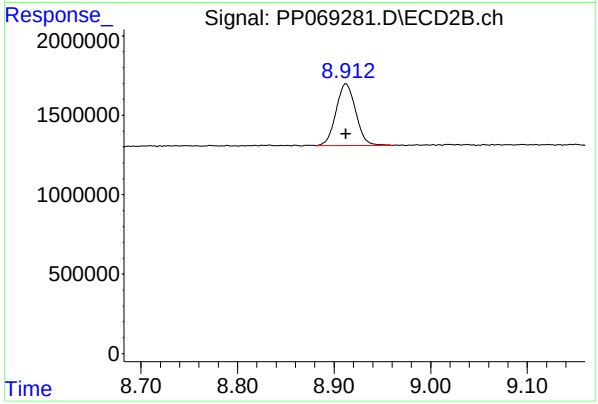
#1 Tetrachloro-m-xylene

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



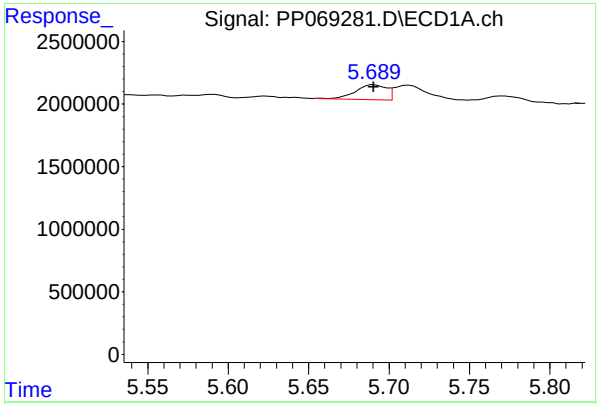
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

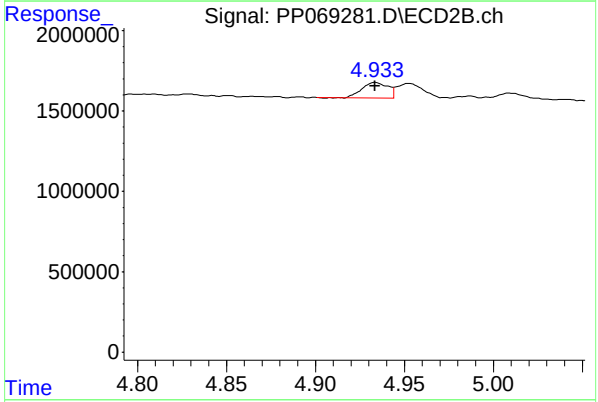
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 5520243
Conc: 5.14 ng/ml



#21 AR-1248-1

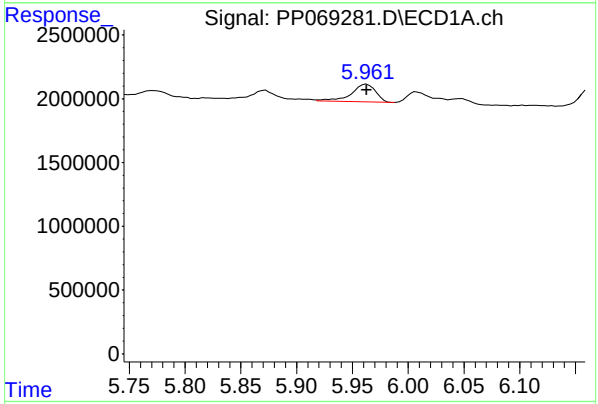
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 1621026
Conc: 49.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



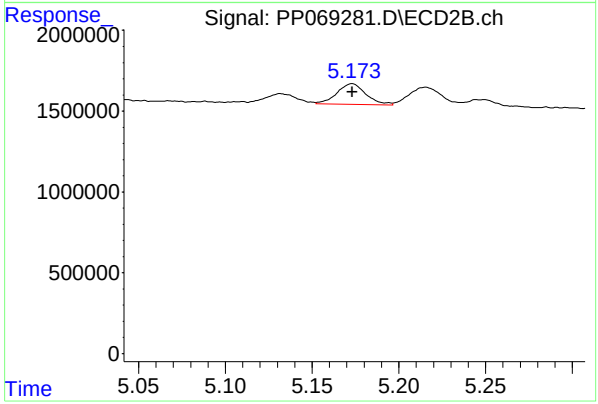
#21 AR-1248-1

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



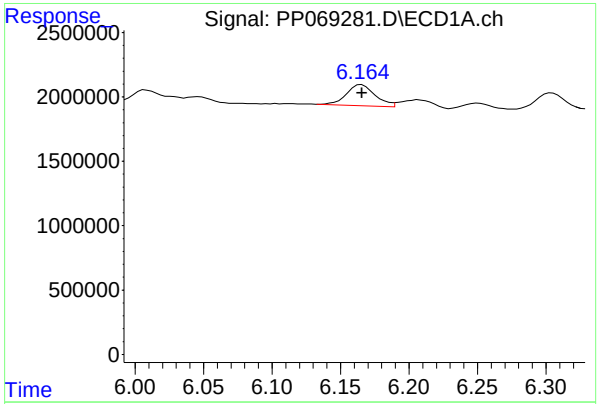
#22 AR-1248-2

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



#22 AR-1248-2

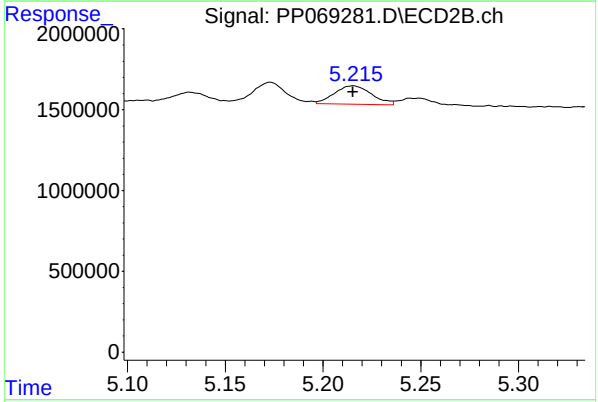
R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 1493224
Conc: 49.67 ng/ml



#23 AR-1248-3

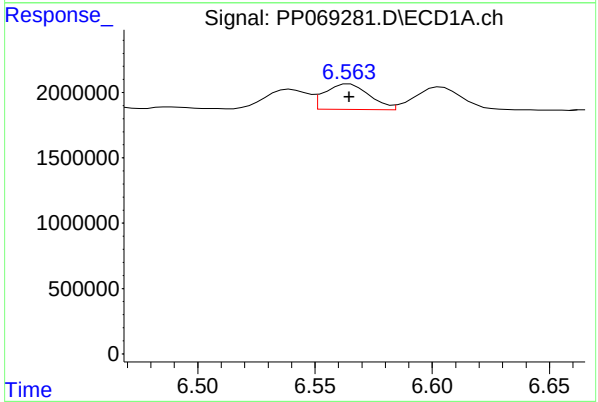
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 2391359
Conc: 50.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



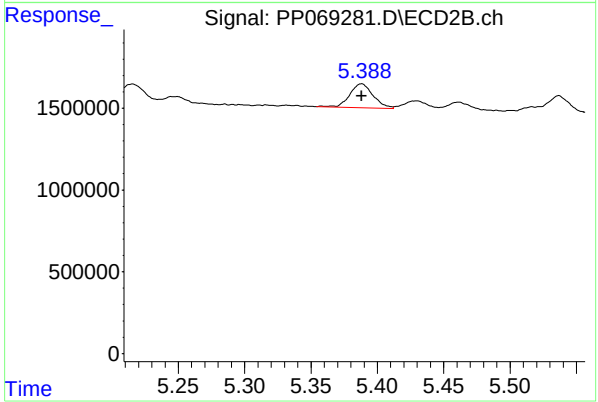
#23 AR-1248-3

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



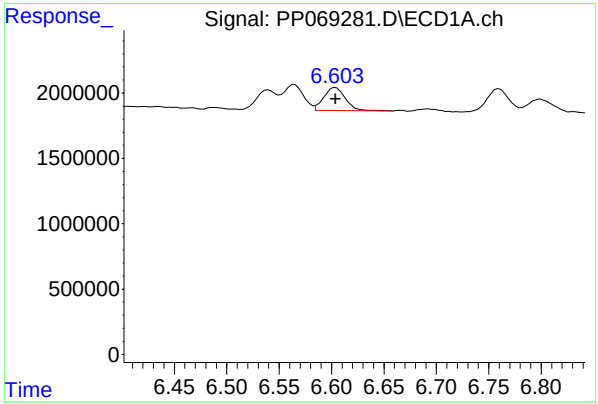
#24 AR-1248-4

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



#24 AR-1248-4

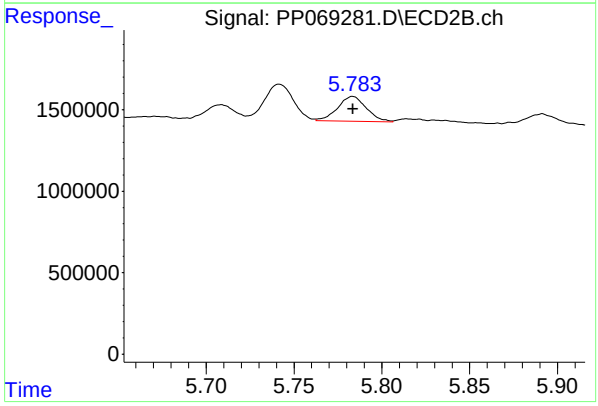
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 1806945
Conc: 48.91 ng/ml



#25 AR-1248-5

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

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

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

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

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

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

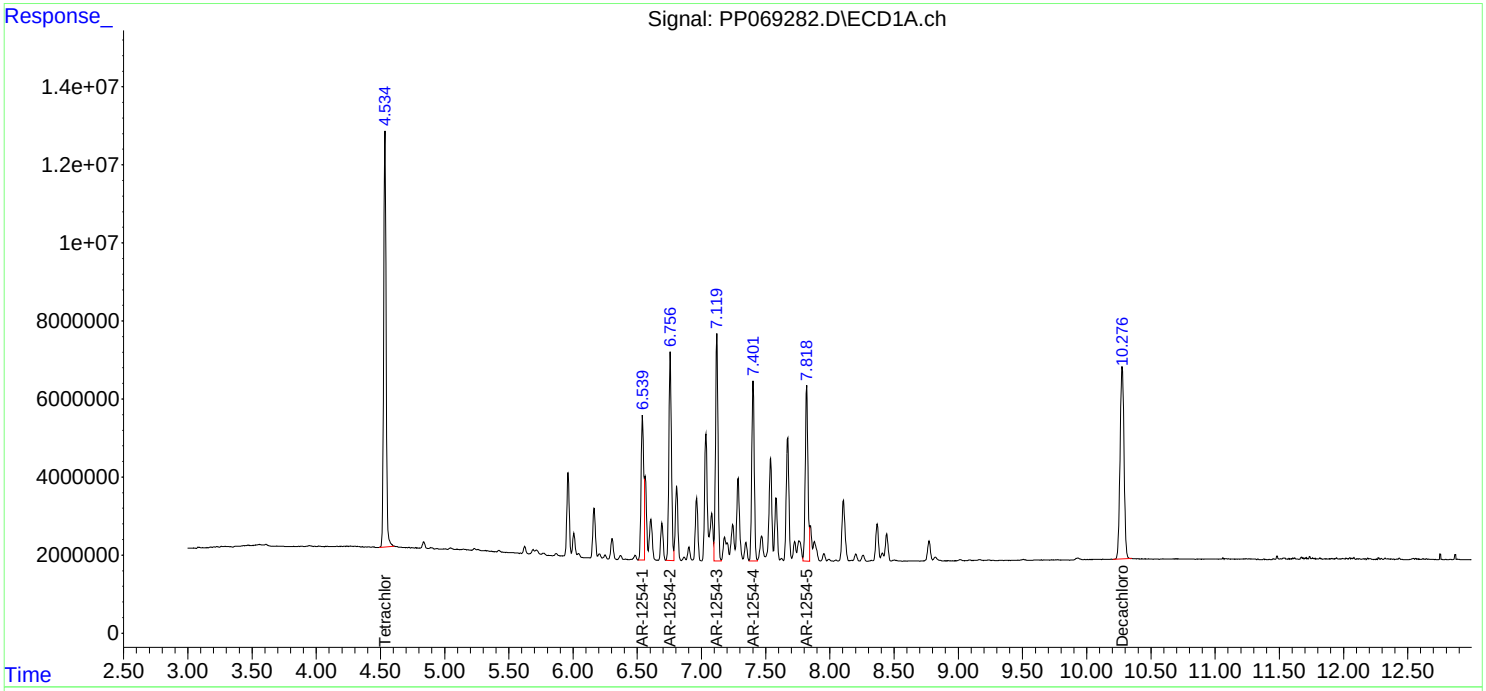
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

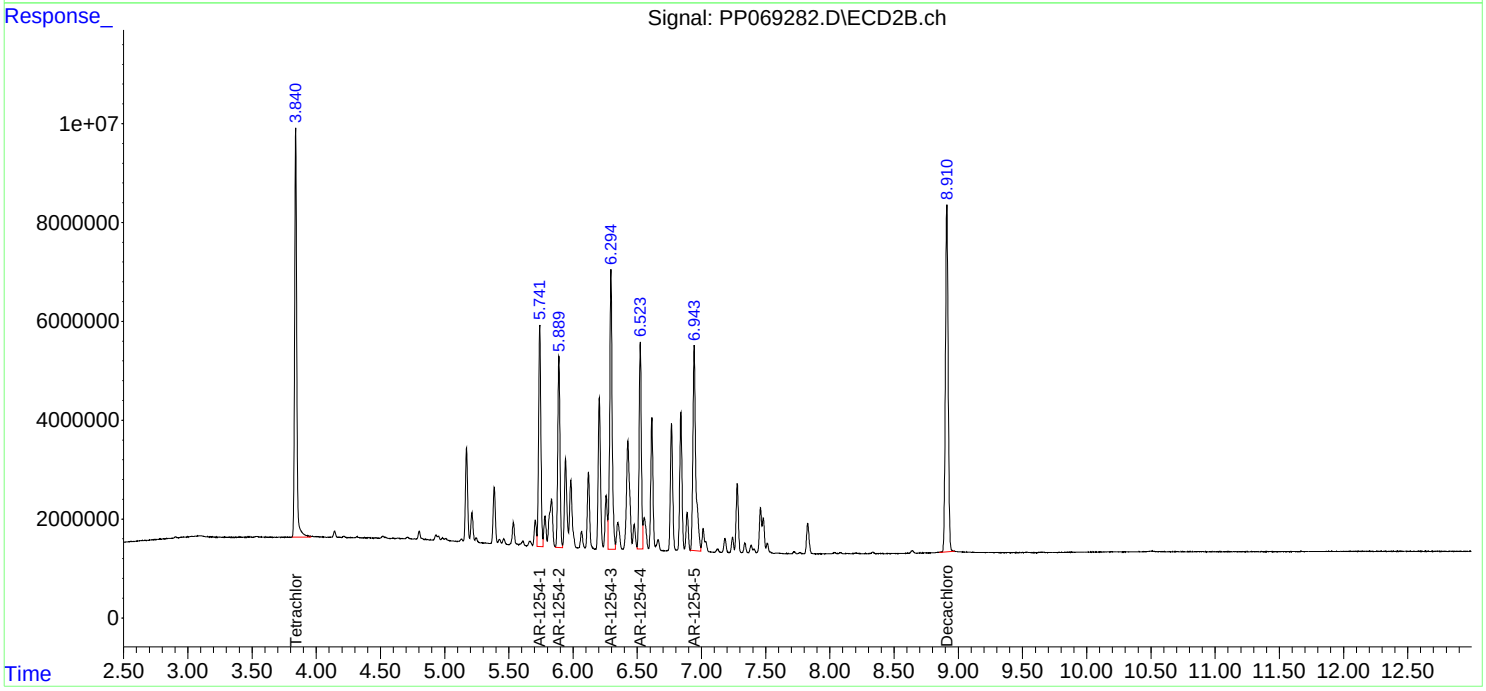
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:47
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

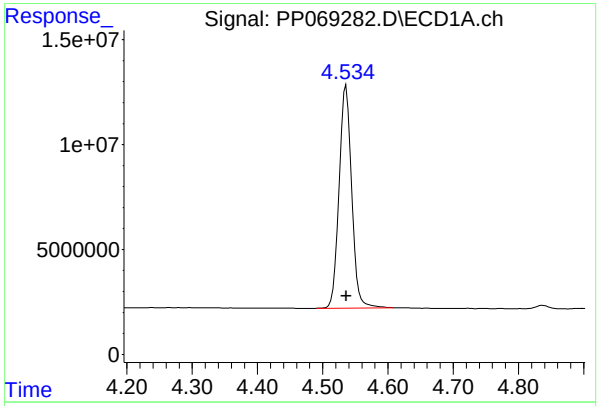
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

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

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



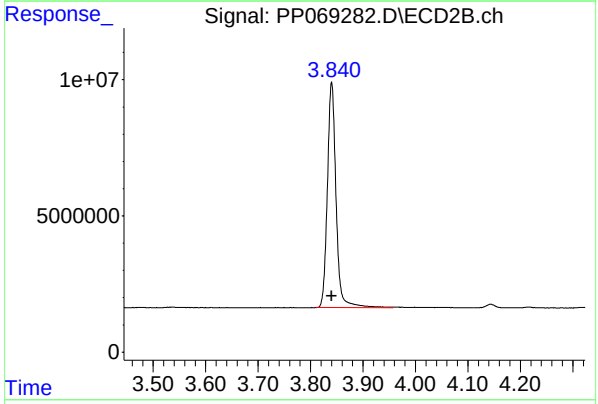




#1 Tetrachloro-m-xylene

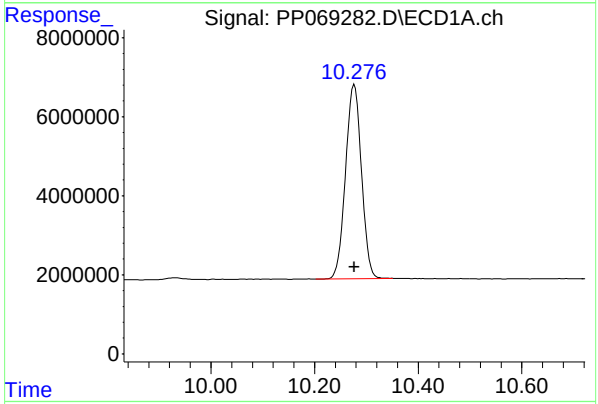
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 142181041
Conc: 97.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



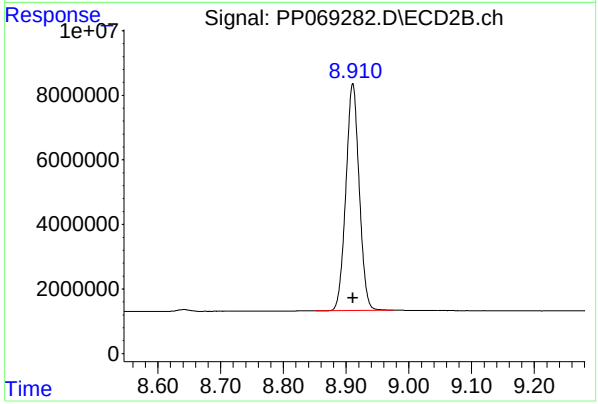
#1 Tetrachloro-m-xylene

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



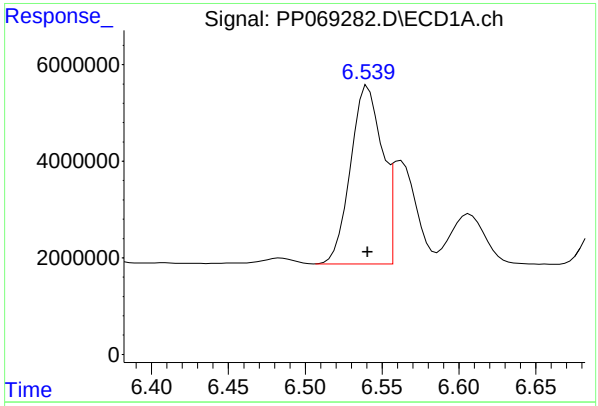
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

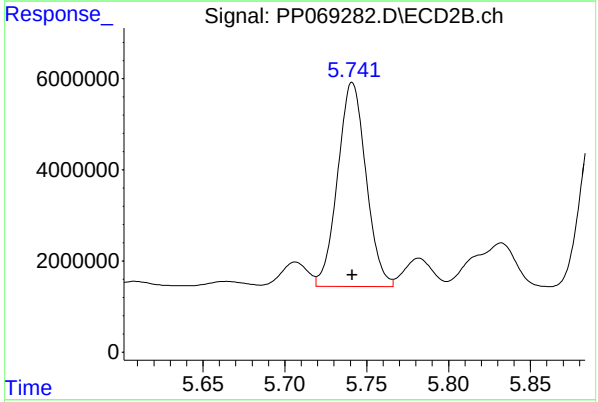
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 103519921
Conc: 96.56 ng/ml



#26 AR-1254-1

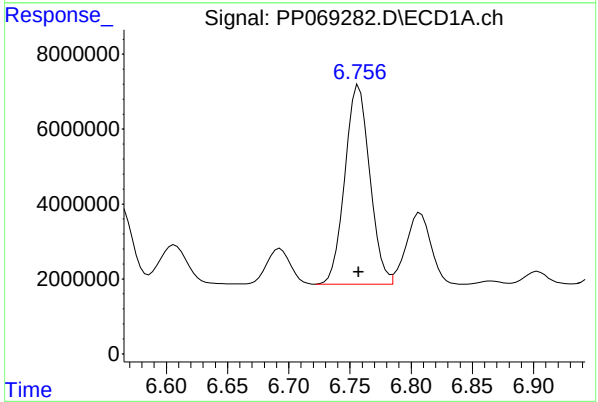
R.T.: 6.541 min
Delta R.T.: 0.000 min
Response: 52694329
Conc: 969.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



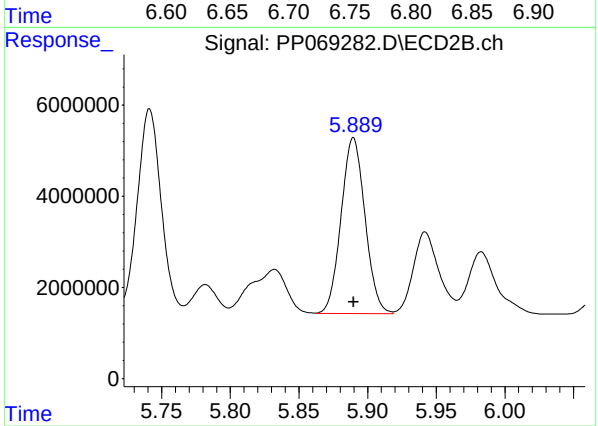
#26 AR-1254-1

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



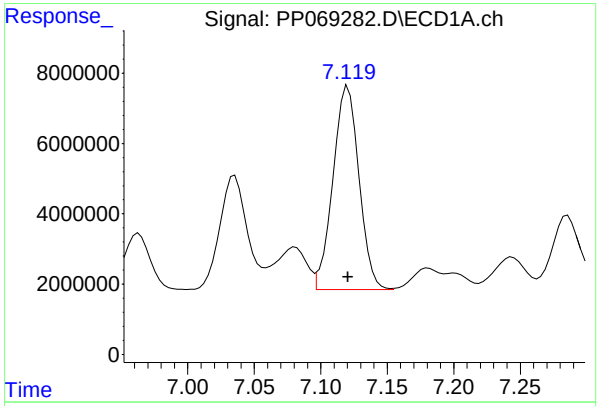
#27 AR-1254-2

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



#27 AR-1254-2

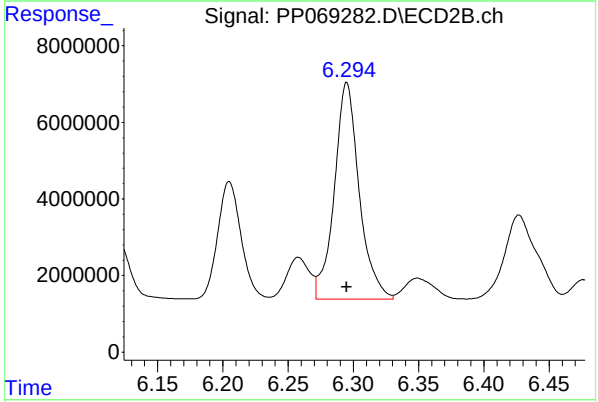
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 46864995
Conc: 1003.28 ng/ml



#28 AR-1254-3

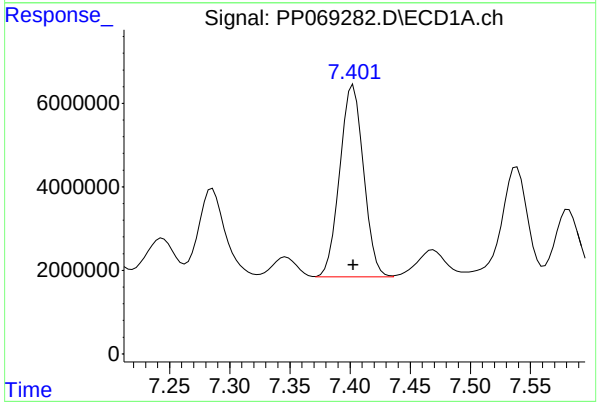
R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 78719981
Conc: 962.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



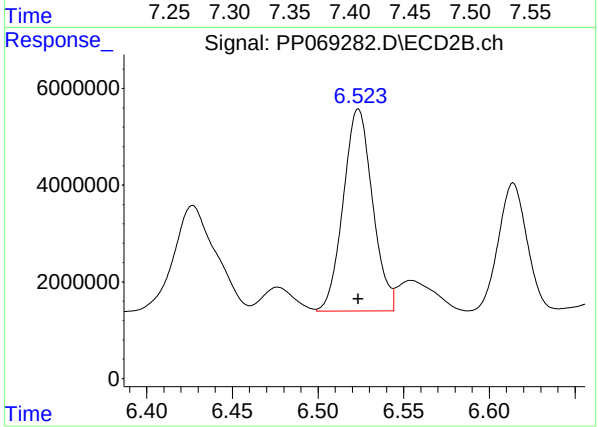
#28 AR-1254-3

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



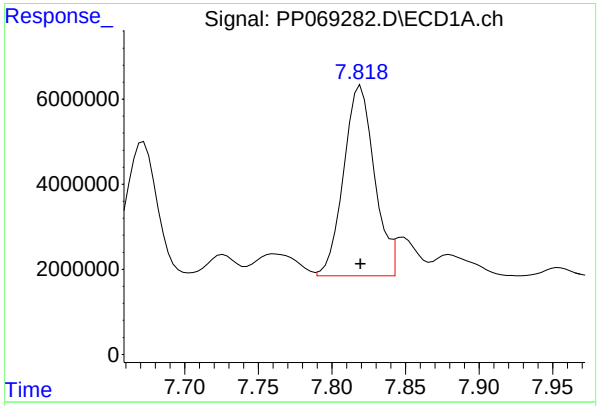
#29 AR-1254-4

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



#29 AR-1254-4

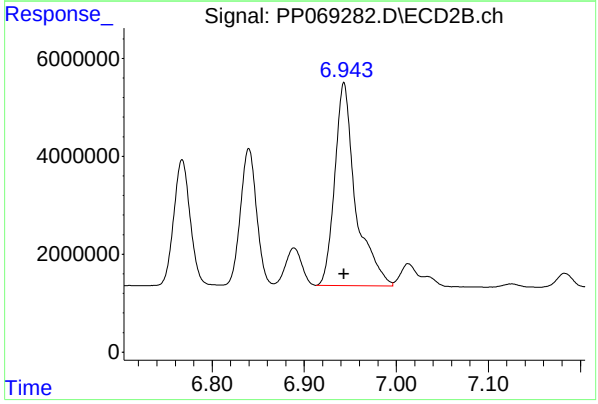
R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 49801197
Conc: 999.63 ng/ml



#30 AR-1254-5

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

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

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

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

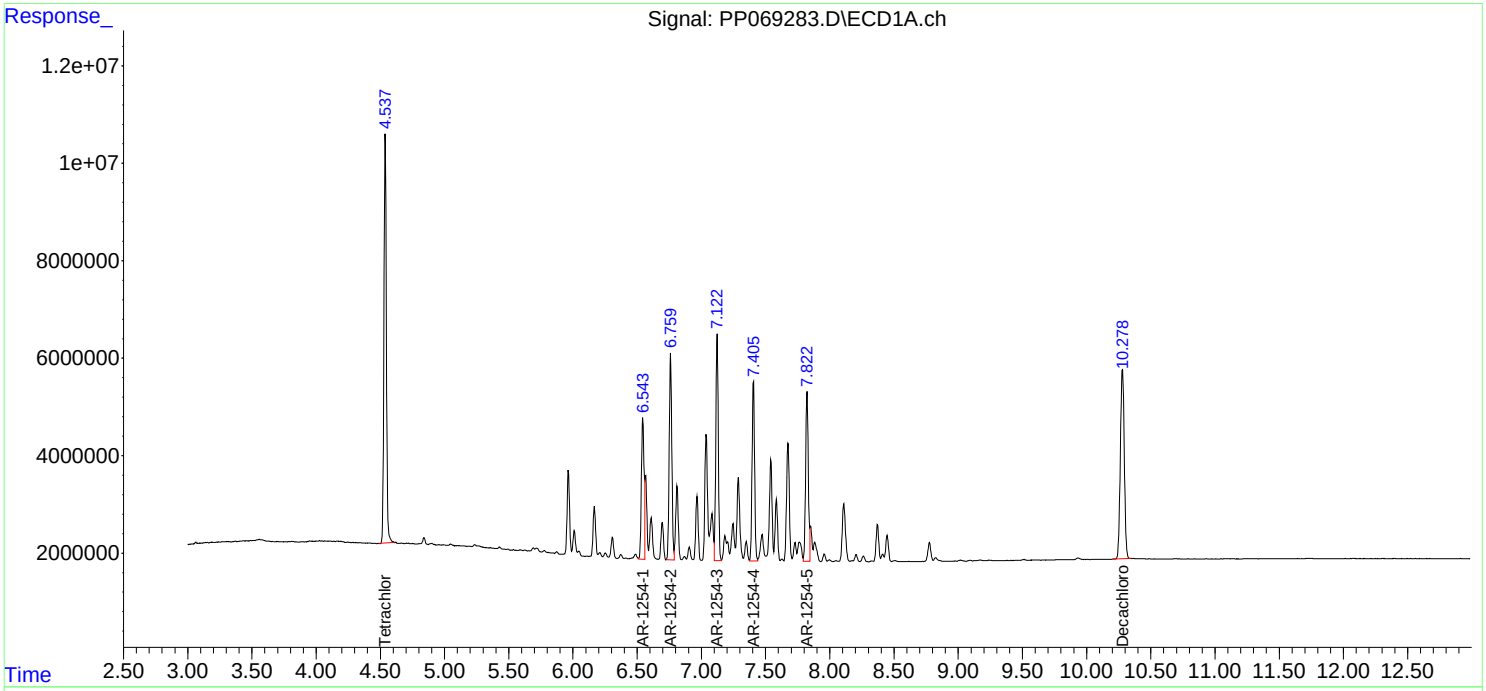
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

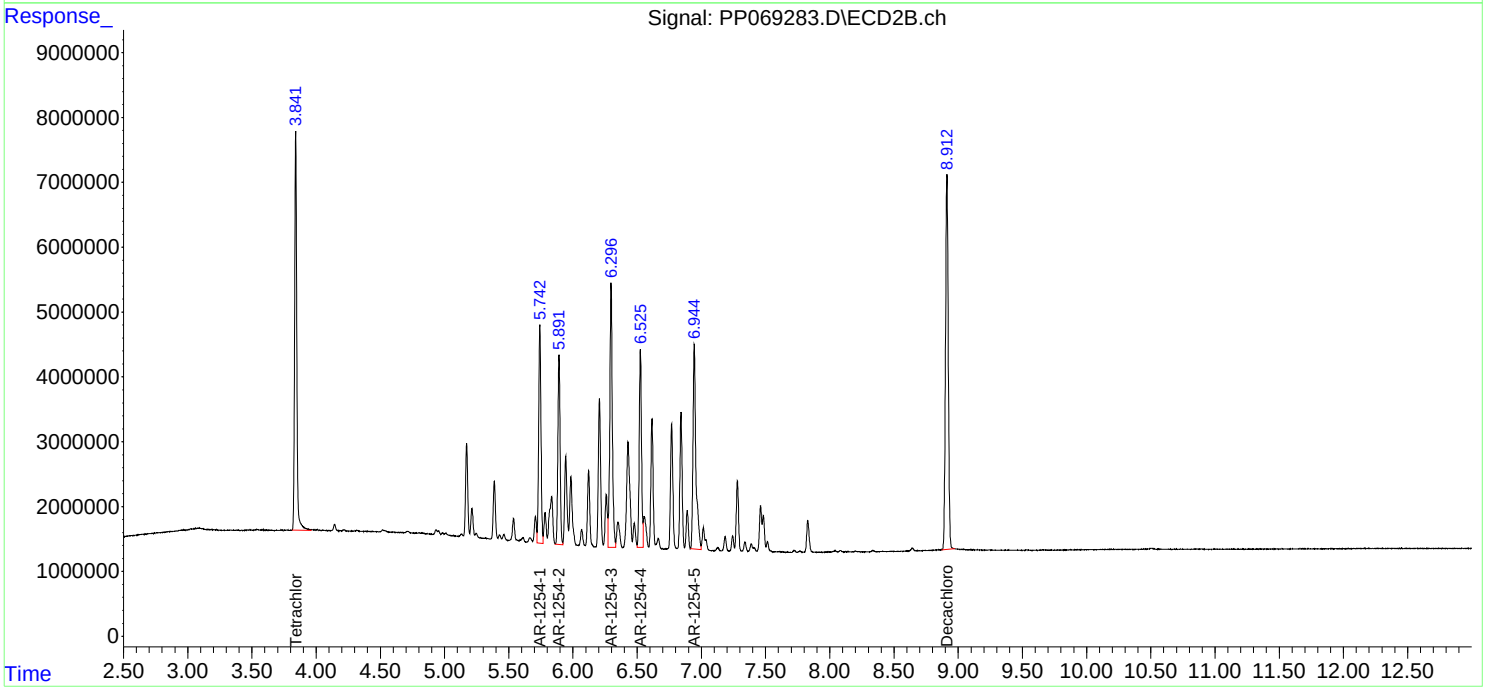
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:04
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

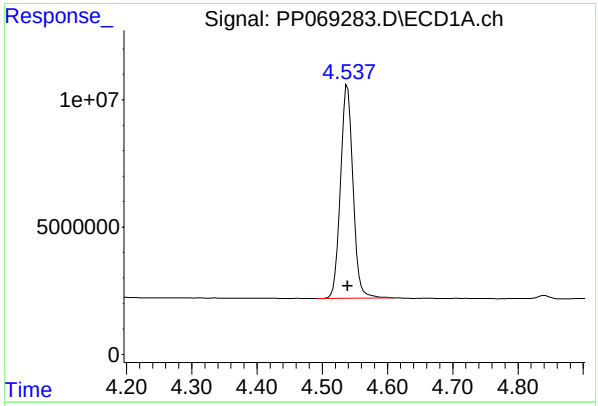
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

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

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



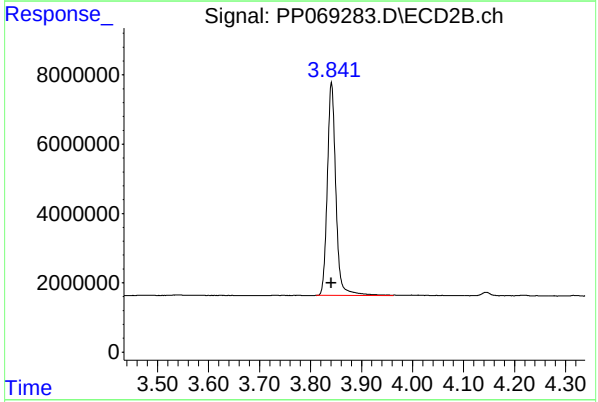




#1 Tetrachloro-m-xylene

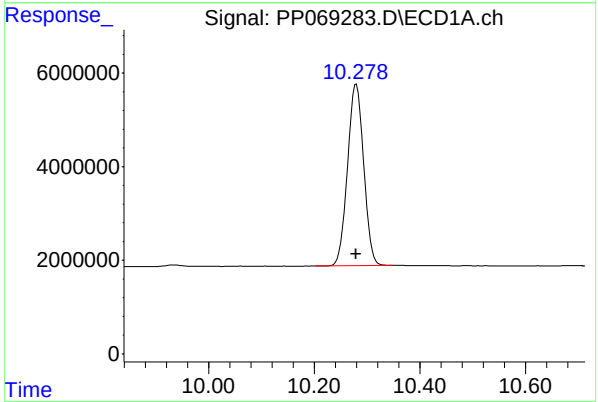
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 111652386
Conc: 76.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



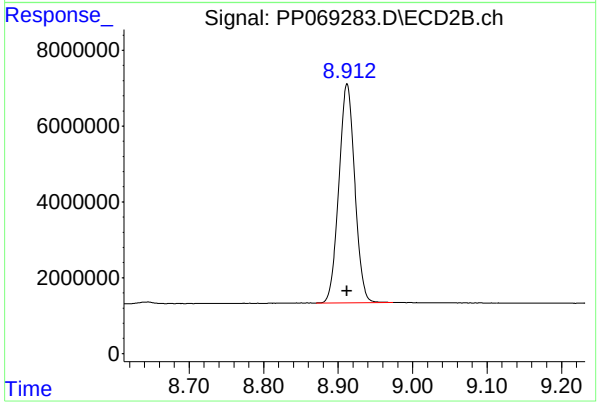
#1 Tetrachloro-m-xylene

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



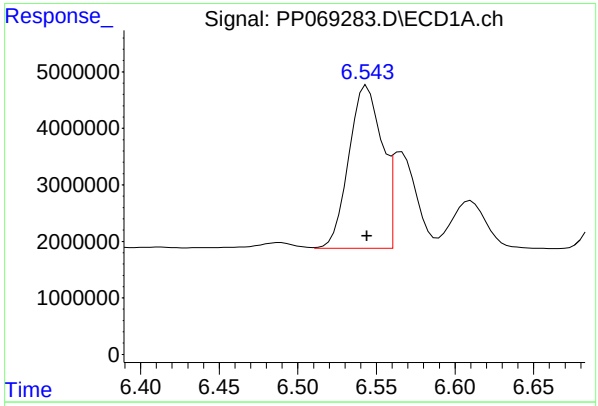
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

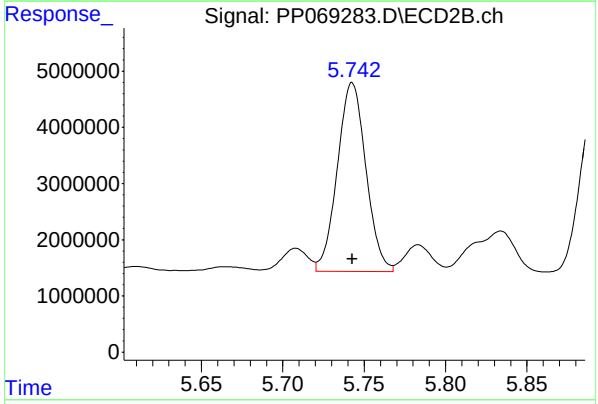
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 85497248
Conc: 78.10 ng/ml



#26 AR-1254-1

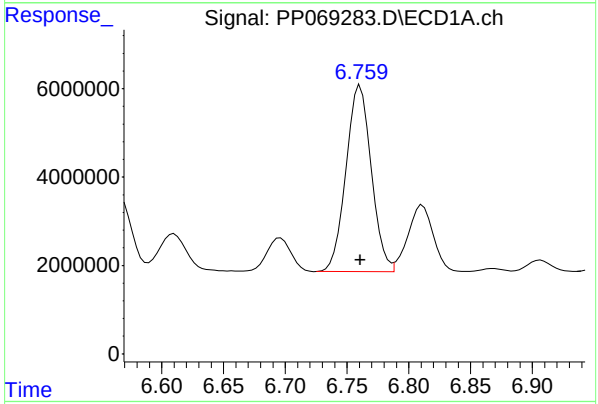
R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 42092792
Conc: 766.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



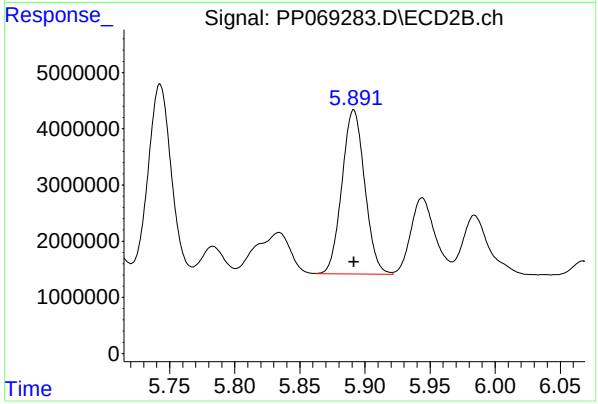
#26 AR-1254-1

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



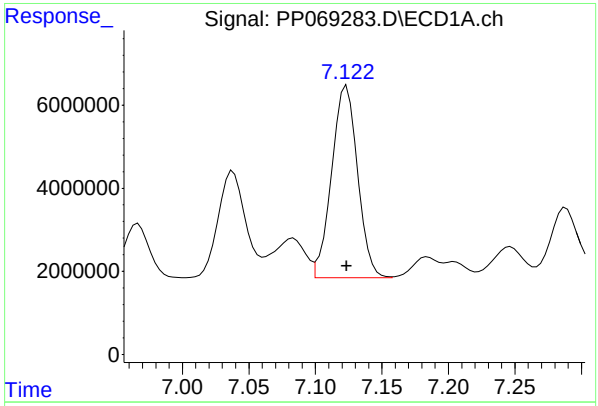
#27 AR-1254-2

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



#27 AR-1254-2

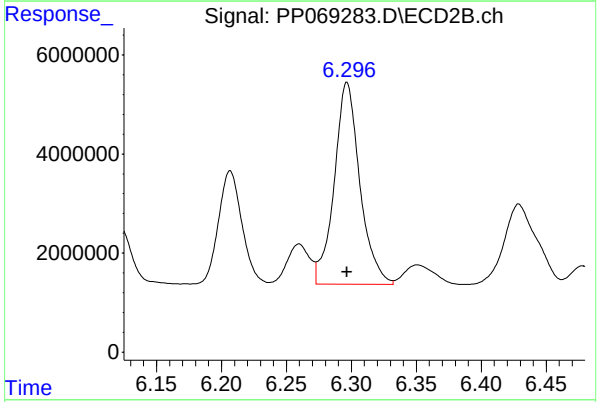
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 35579285
Conc: 757.75 ng/ml



#28 AR-1254-3

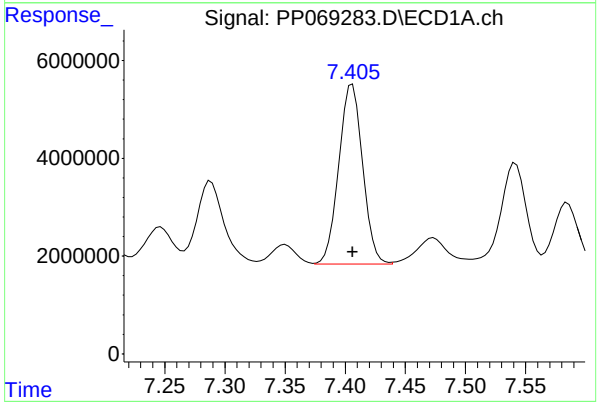
R.T.: 7.123 min
Delta R.T.: 0.000 min
Response: 62798989
Conc: 761.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



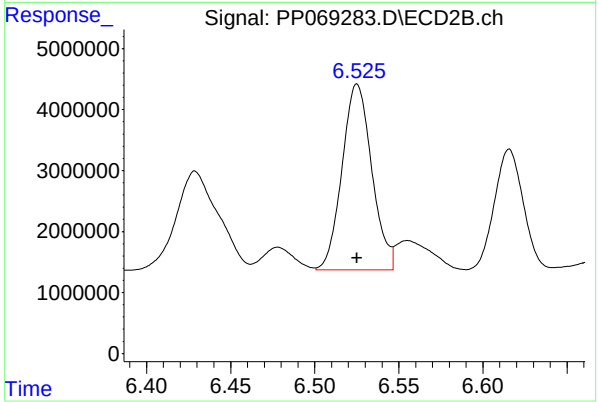
#28 AR-1254-3

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



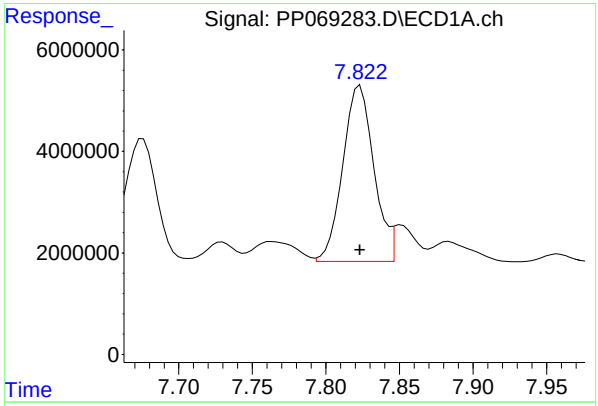
#29 AR-1254-4

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



#29 AR-1254-4

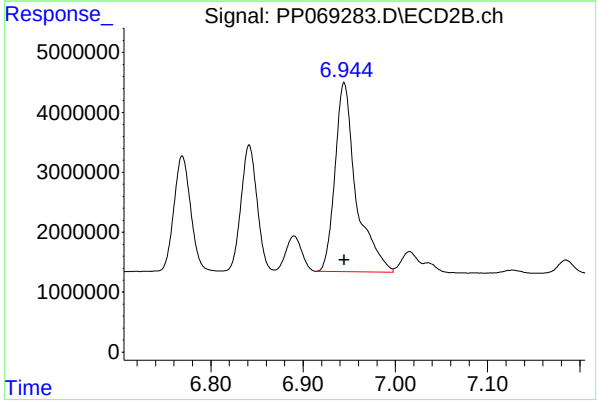
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 37484466
Conc: 751.60 ng/ml



#30 AR-1254-5

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

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

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

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

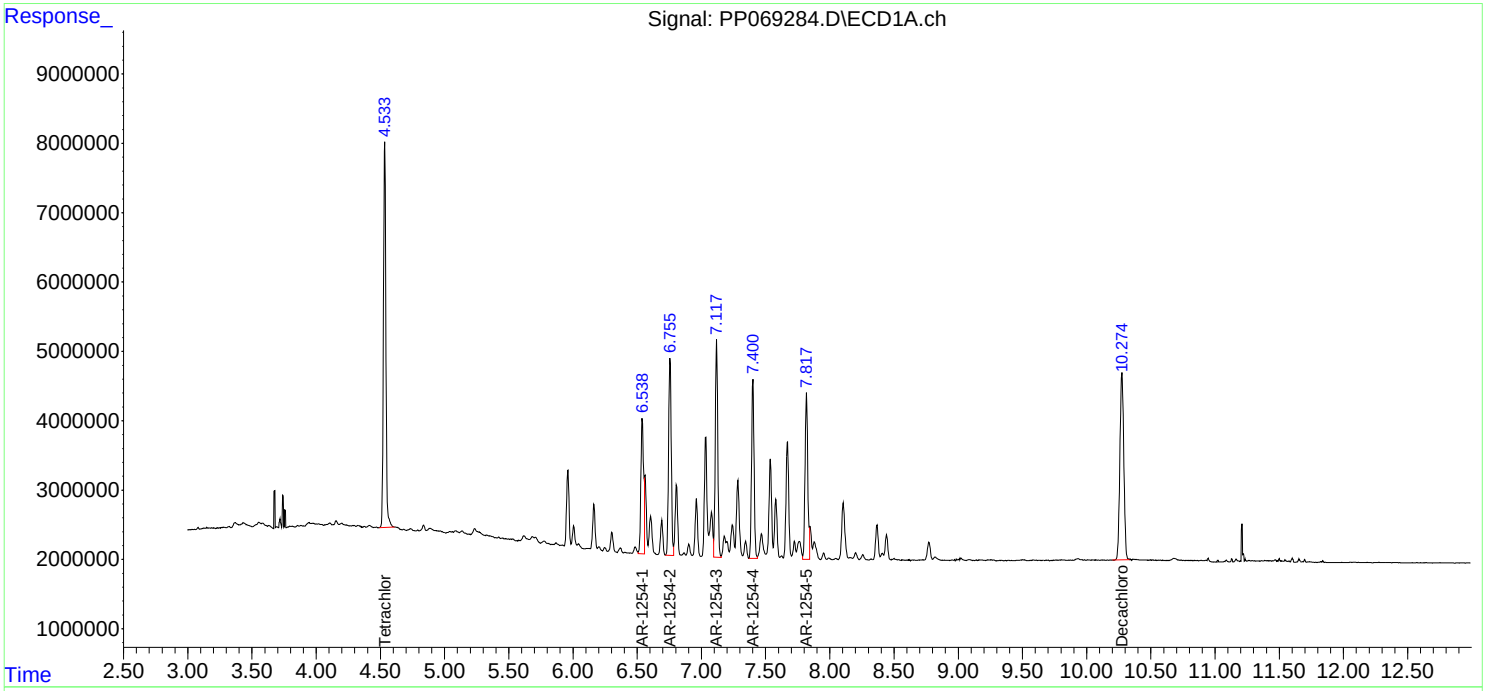
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

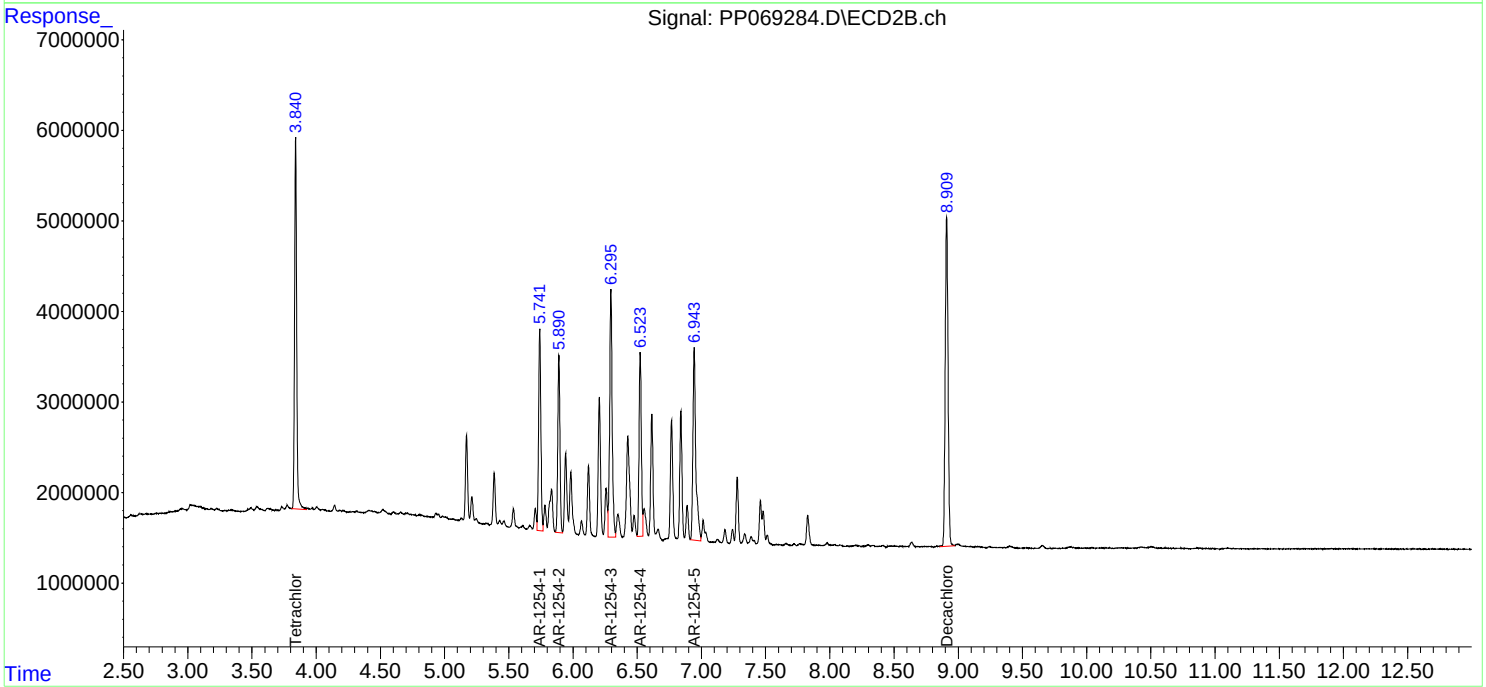
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:20
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

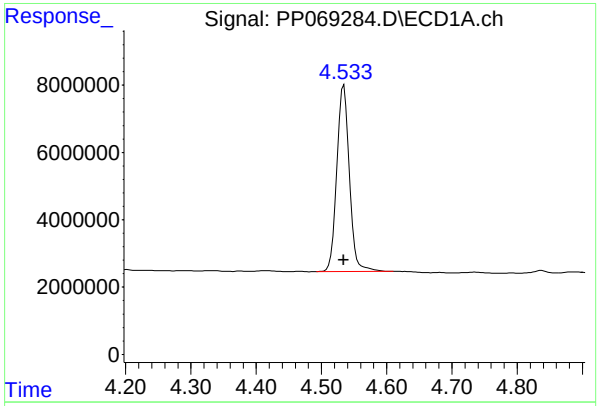
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

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

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



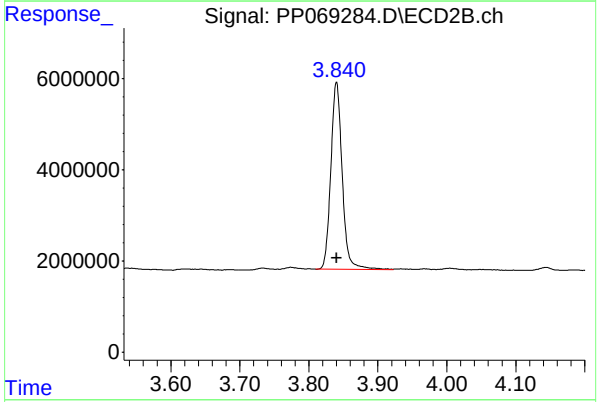




#1 Tetrachloro-m-xylene

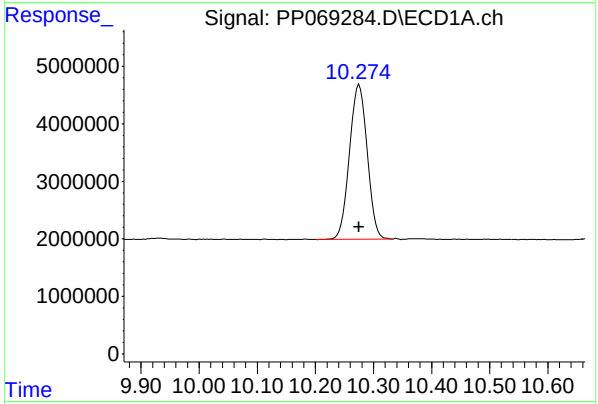
R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 74350956
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



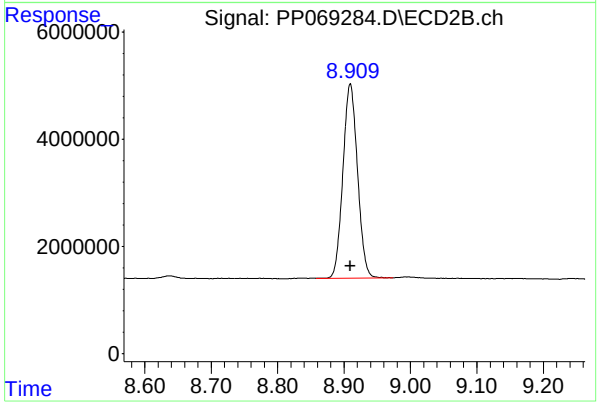
#1 Tetrachloro-m-xylene

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



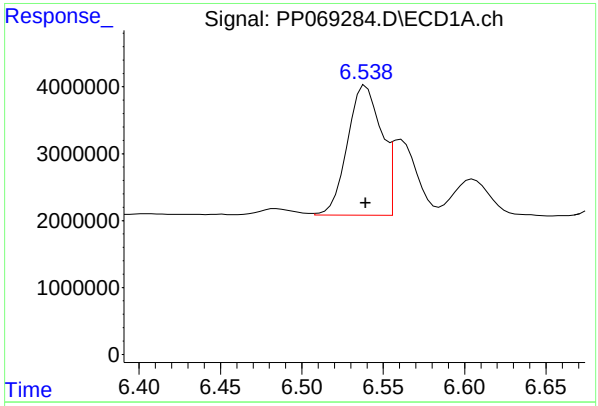
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

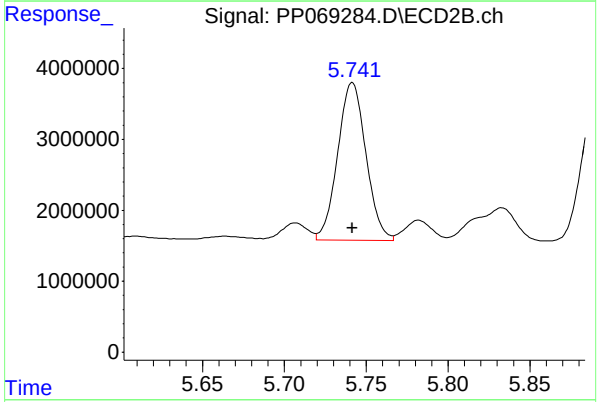
R.T.: 8.909 min
Delta R.T.: 0.000 min
Response: 55443280
Conc: 50.00 ng/ml



#26 AR-1254-1

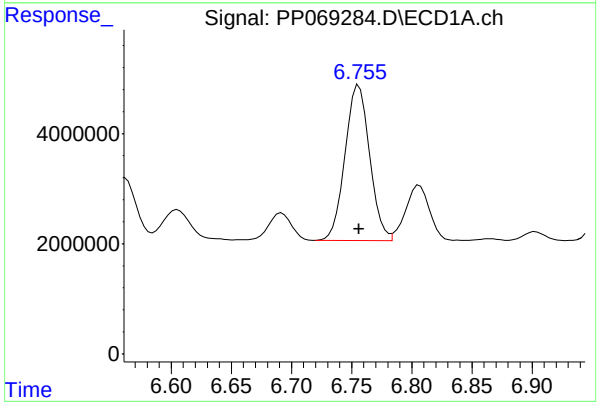
R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 27978290
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



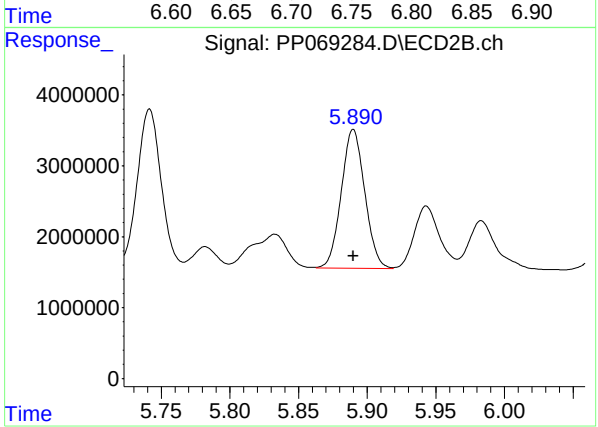
#26 AR-1254-1

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



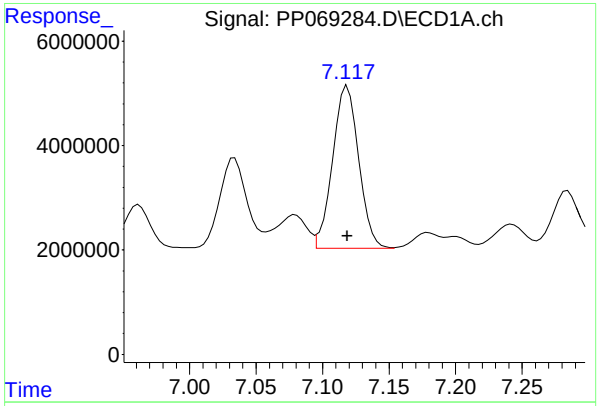
#27 AR-1254-2

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



#27 AR-1254-2

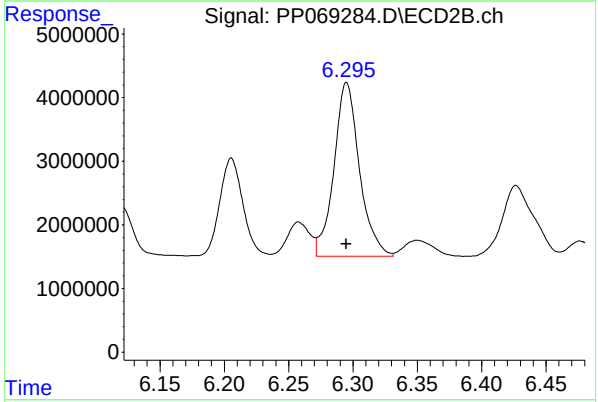
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 23279150
Conc: 500.00 ng/ml



#28 AR-1254-3

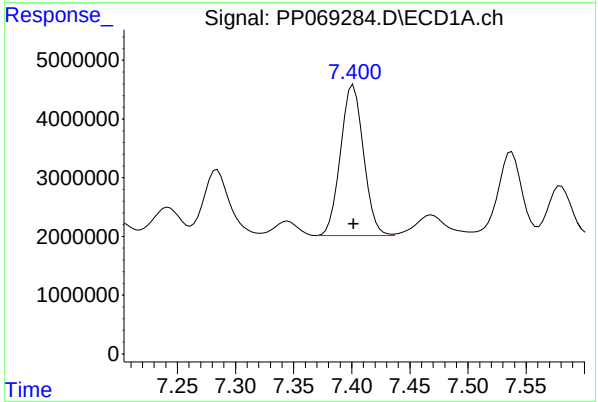
R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 42426502
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



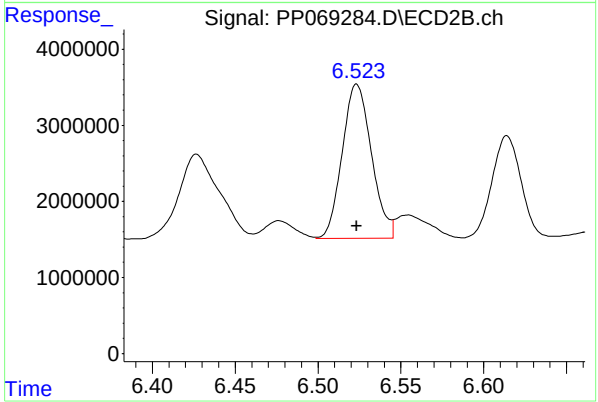
#28 AR-1254-3

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



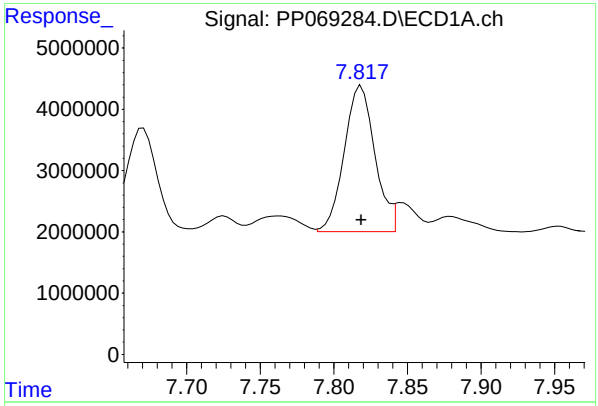
#29 AR-1254-4

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



#29 AR-1254-4

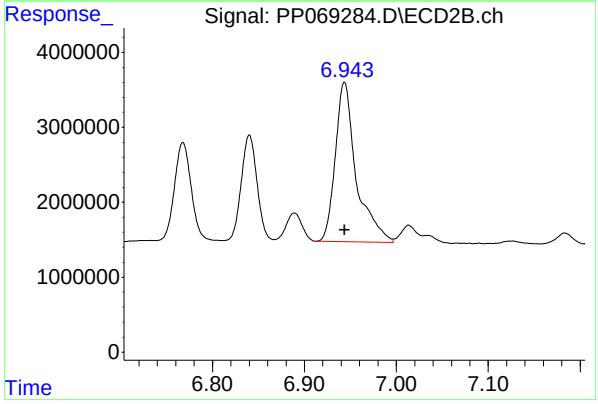
R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 24919247
Conc: 500.00 ng/ml



#30 AR-1254-5

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

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

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

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

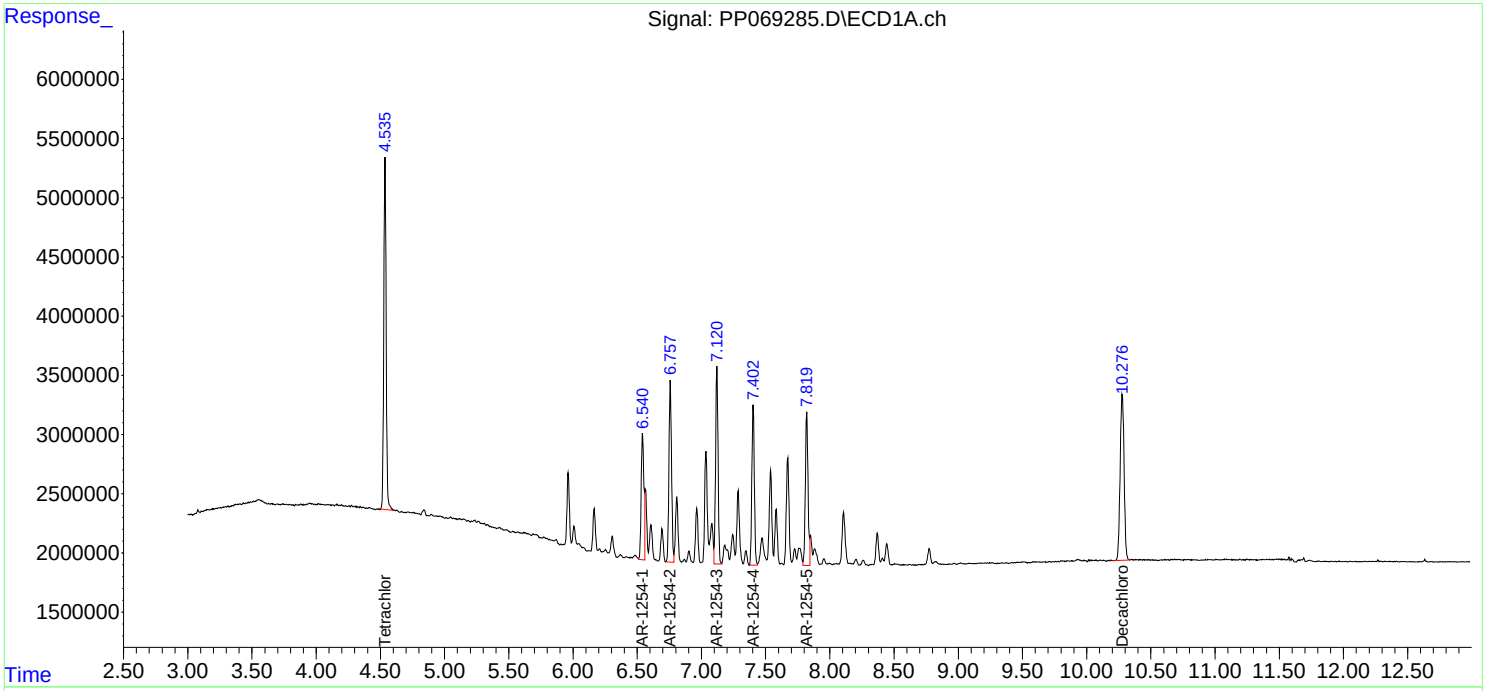
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

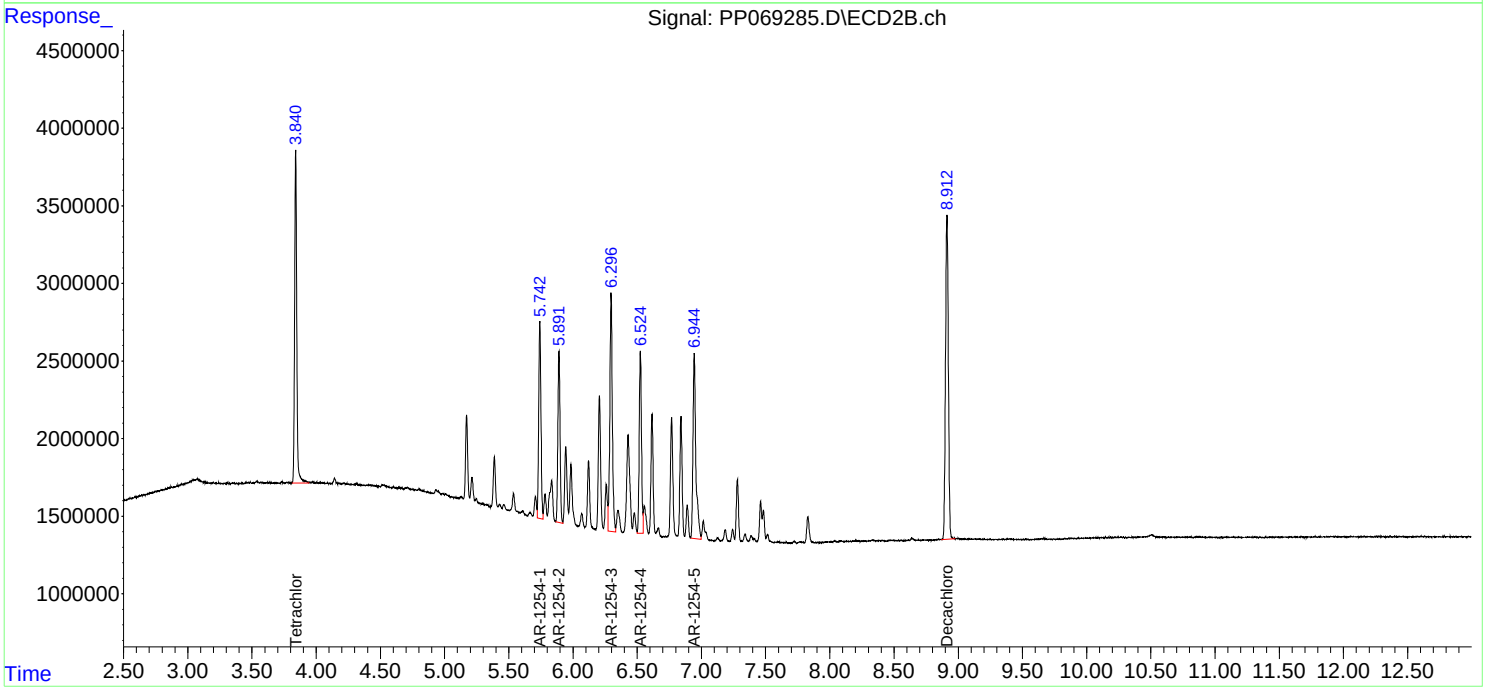
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:36
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

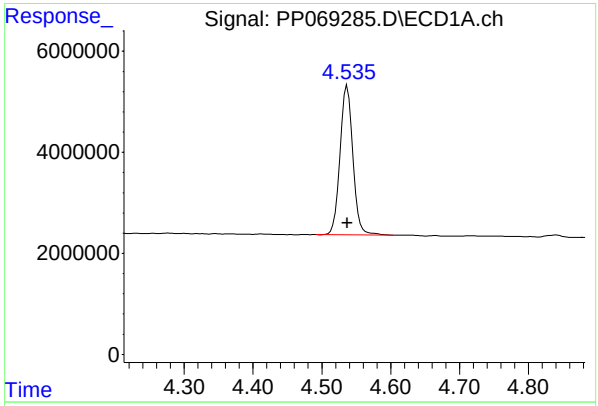
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

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

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



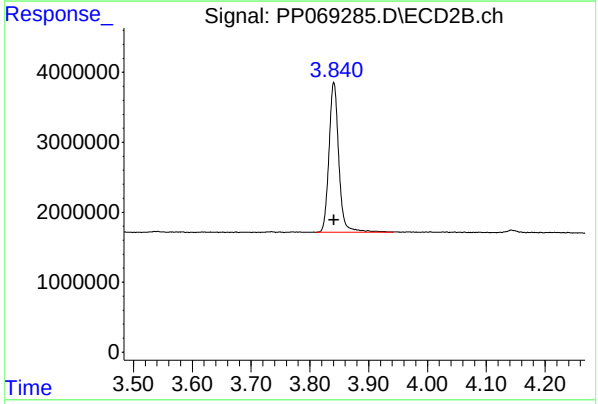




#1 Tetrachloro-m-xylene

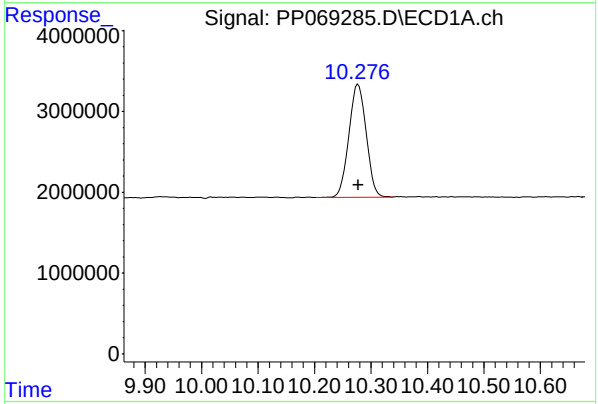
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 38308296
Conc: 25.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



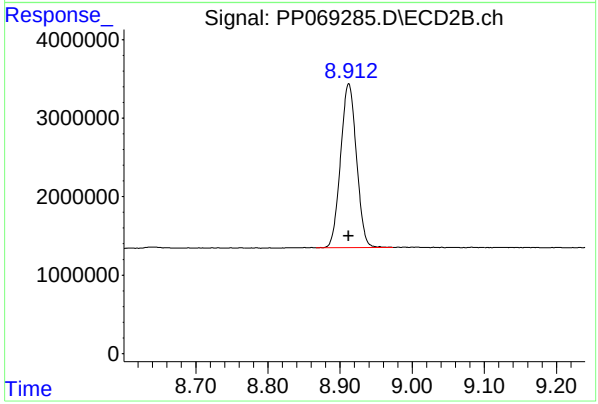
#1 Tetrachloro-m-xylene

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



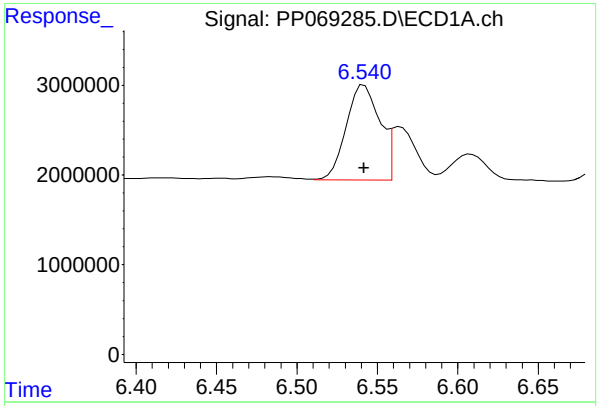
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

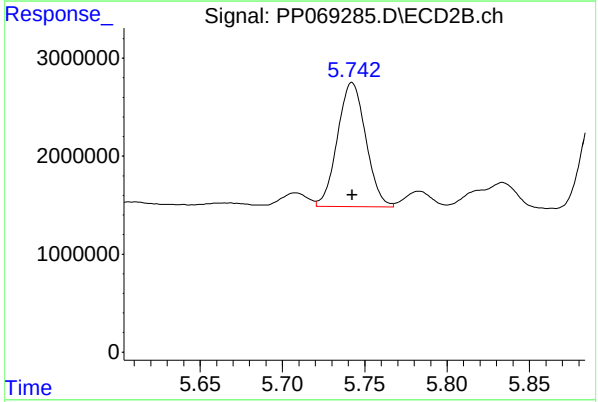
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 31922182
Conc: 28.00 ng/ml



#26 AR-1254-1

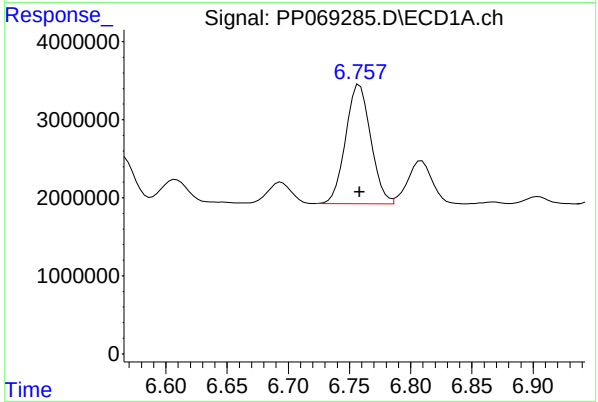
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 15348917
Conc: 271.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



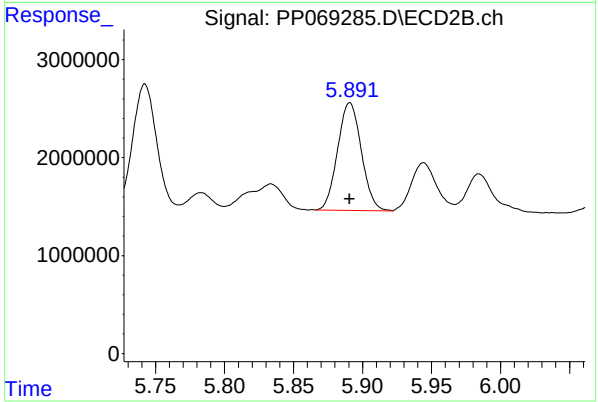
#26 AR-1254-1

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



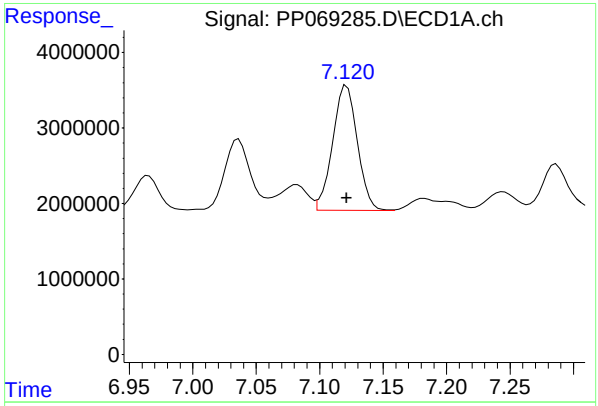
#27 AR-1254-2

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



#27 AR-1254-2

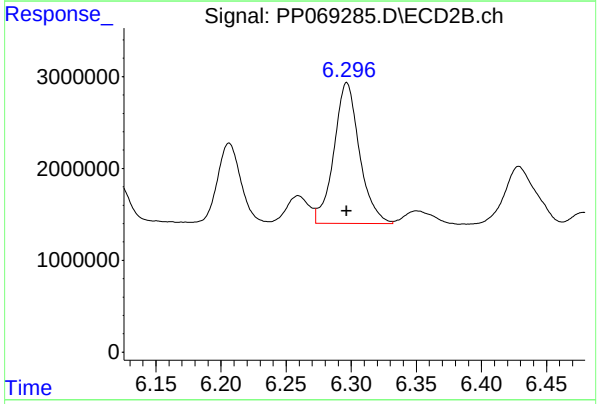
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 13205390
Conc: 272.72 ng/ml



#28 AR-1254-3

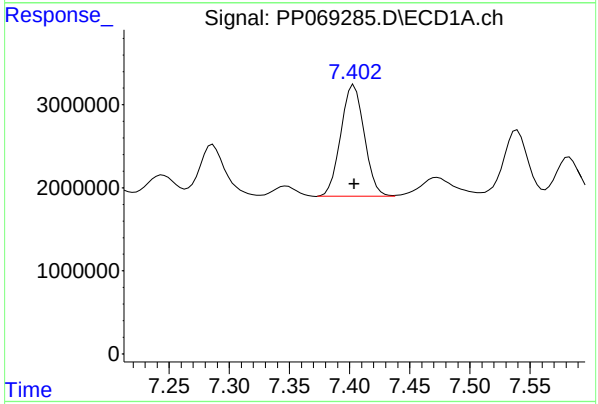
R.T.: 7.121 min
Delta R.T.: 0.000 min
Response: 22435517
Conc: 266.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



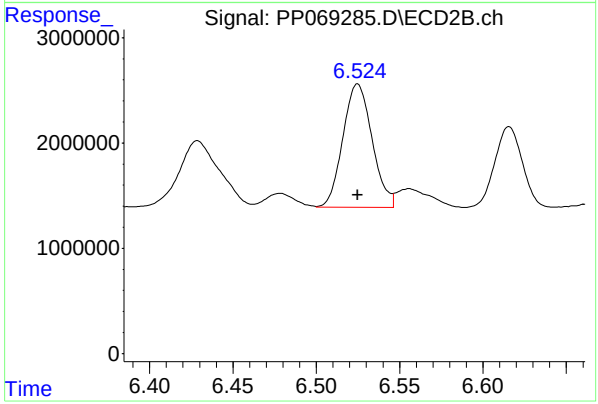
#28 AR-1254-3

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



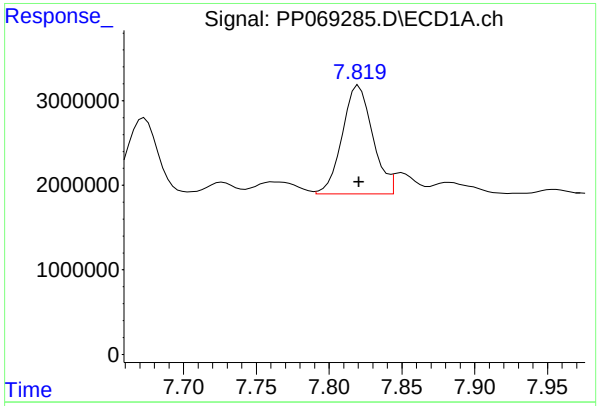
#29 AR-1254-4

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



#29 AR-1254-4

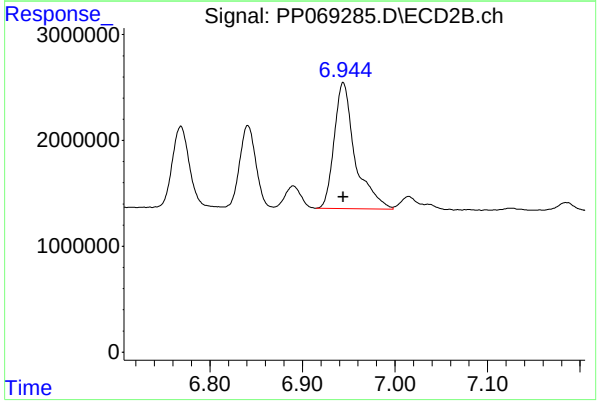
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 14284124
Conc: 276.35 ng/ml



#30 AR-1254-5

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

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

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

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

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.841	6135092	4091392	4.293m	4.382
2)	SA Decachlor...	10.277	8.912	4792685	5691534	4.413	4.993
	Target Compounds						
26)	L6 AR-1254-1	6.542	5.742	3157414	2628819	55.481m	47.748
27)	L6 AR-1254-2	6.759	5.891	3901432	2408006	48.621	49.784
28)	L6 AR-1254-3	7.122	6.297	4219753	3542972	50.063	46.682
29)	L6 AR-1254-4	7.405	6.525	3314077	2474657	48.602	48.286
30)	L6 AR-1254-5	7.823	6.944	3170800	2933240	46.598	44.069

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

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

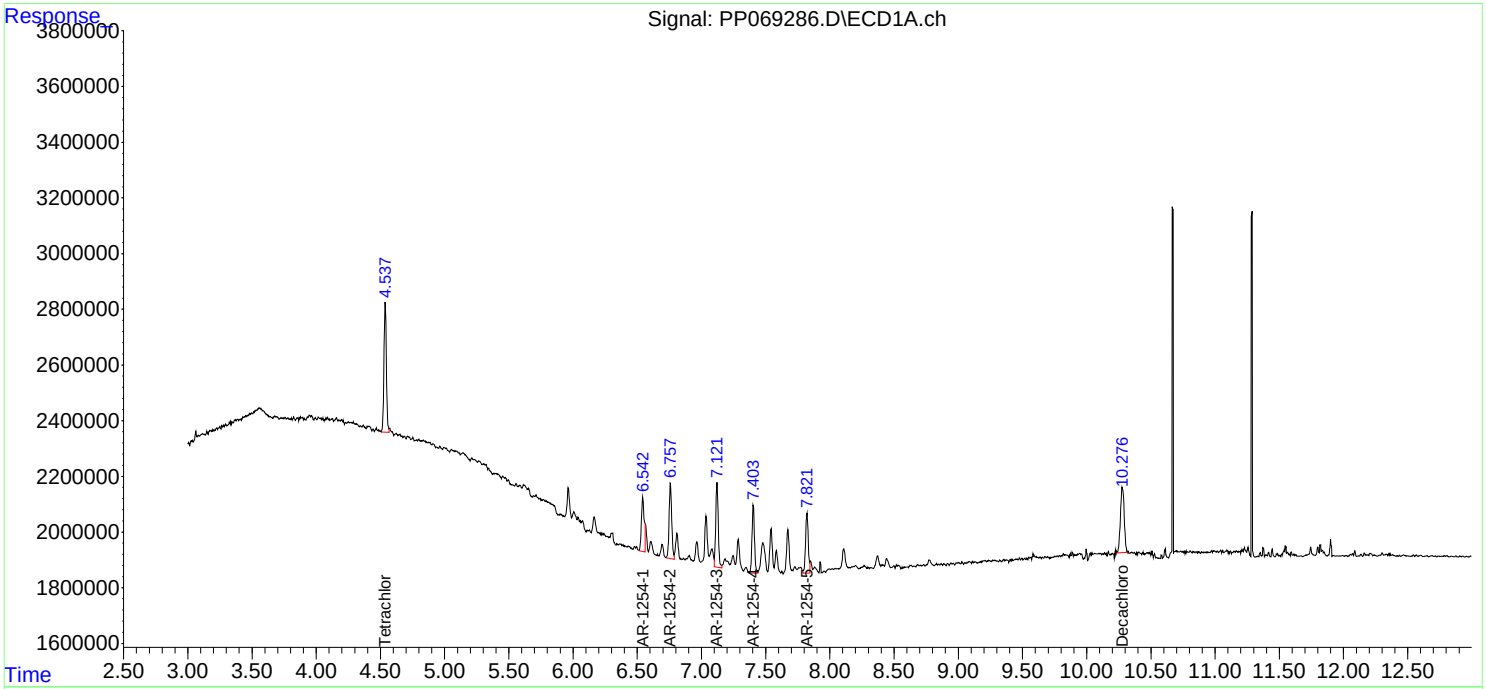
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

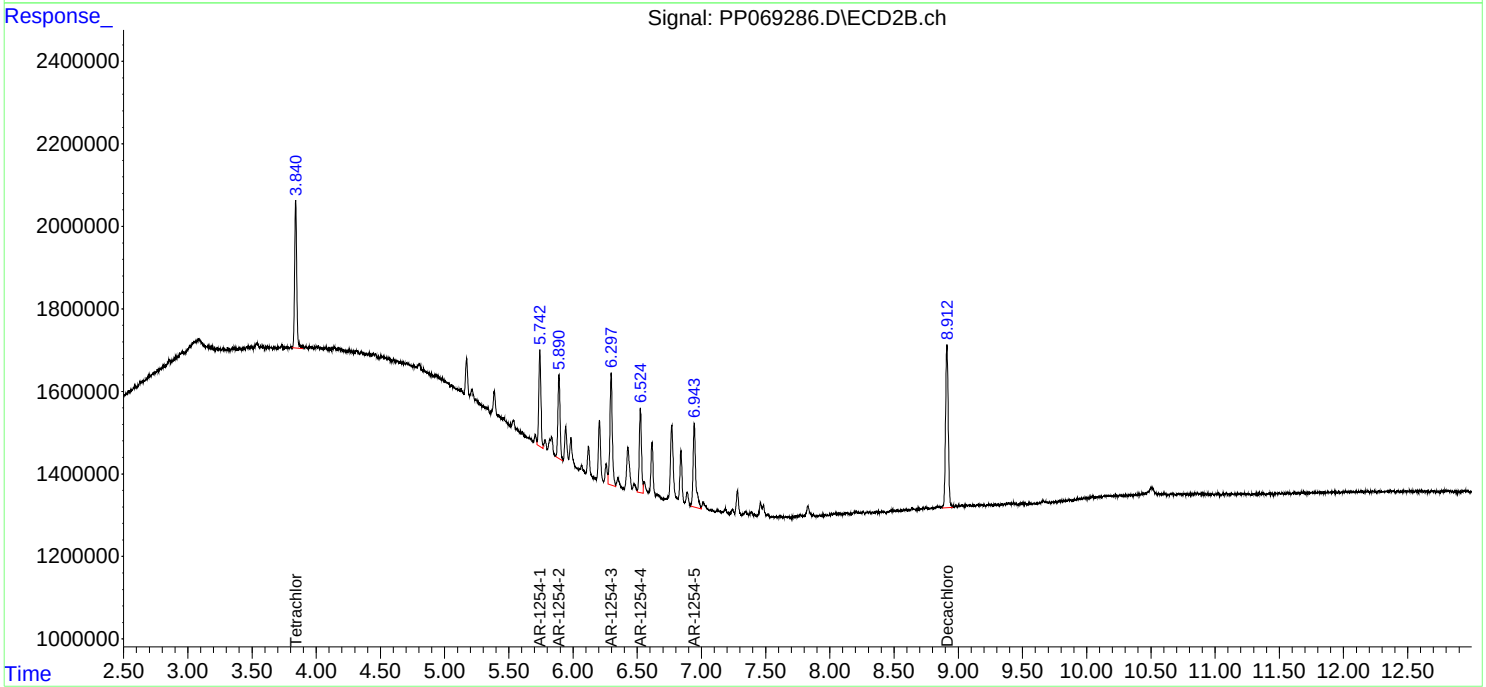
Manual Integrations APPROVED

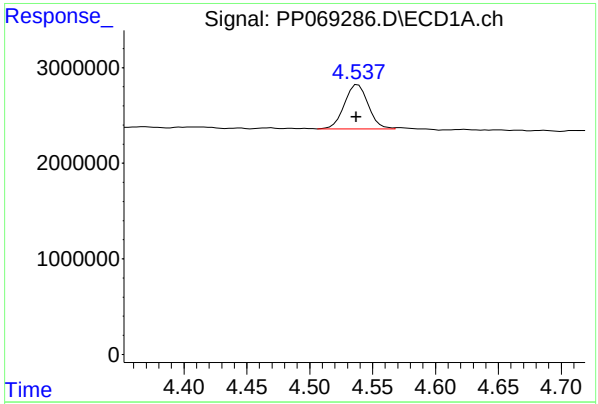
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

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

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







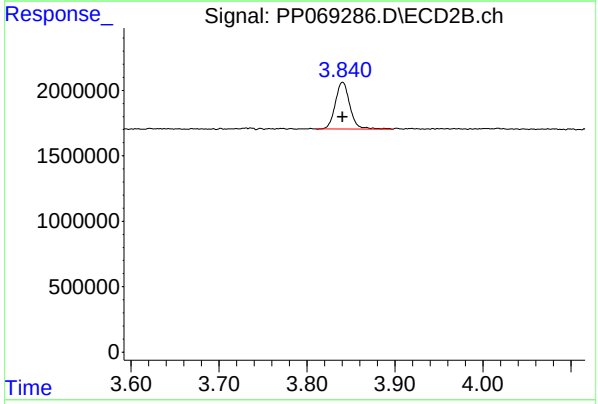
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

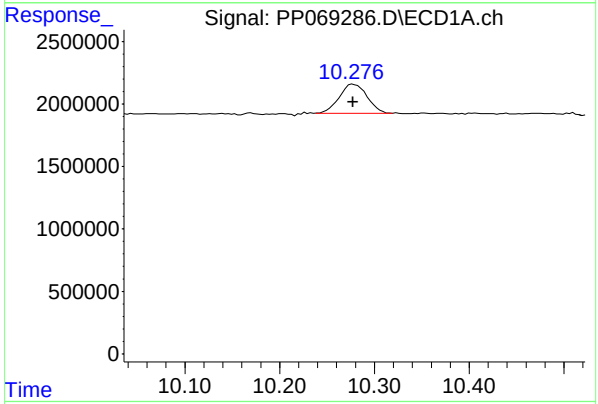
Manual Integrations APPROVED

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



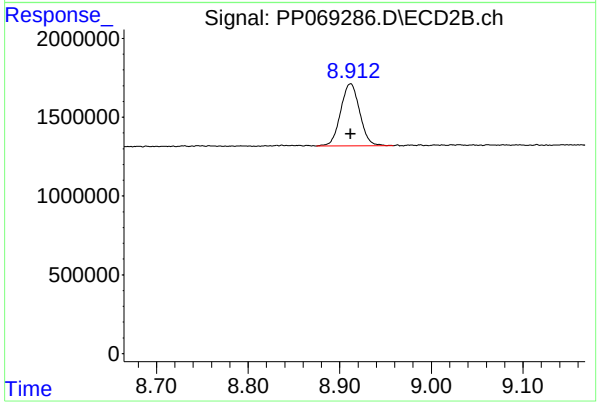
#1 Tetrachloro-m-xylene

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



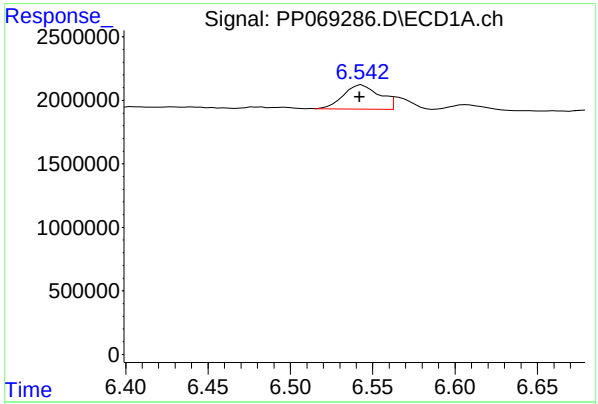
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

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



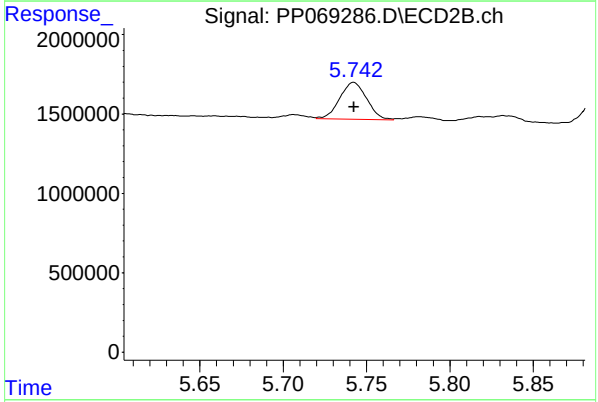
#26 AR-1254-1

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

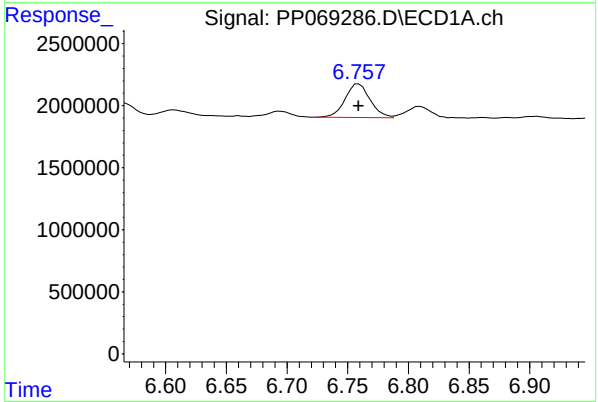
Manual Integrations APPROVED

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



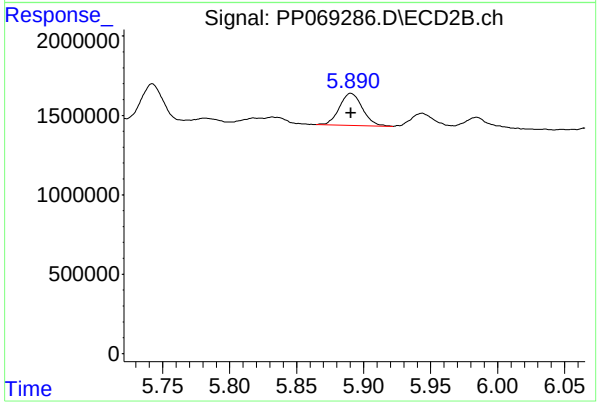
#26 AR-1254-1

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



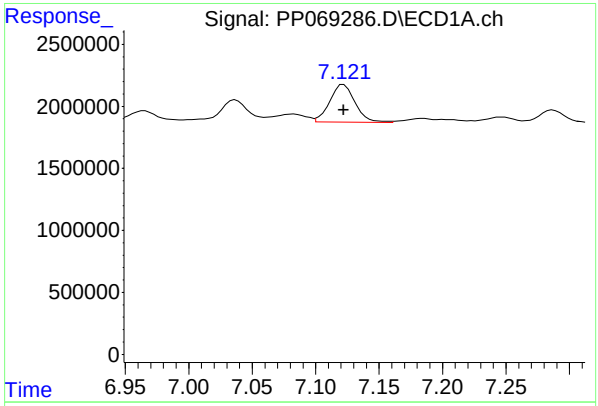
#27 AR-1254-2

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



#27 AR-1254-2

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



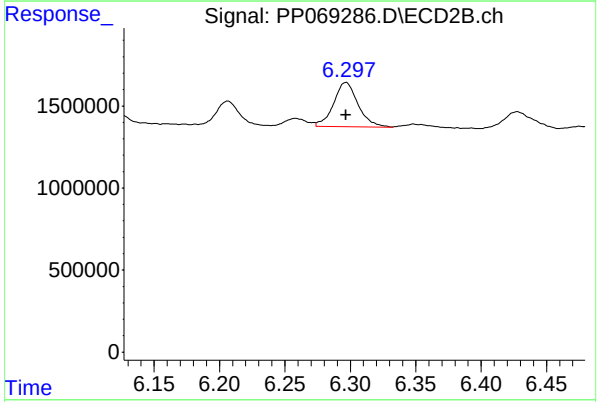
#28 AR-1254-3

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

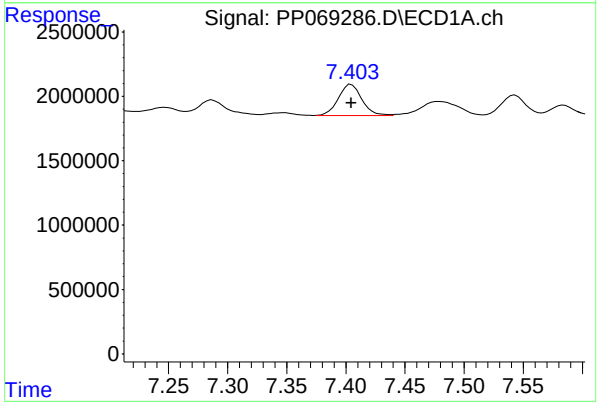
Manual Integrations APPROVED

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



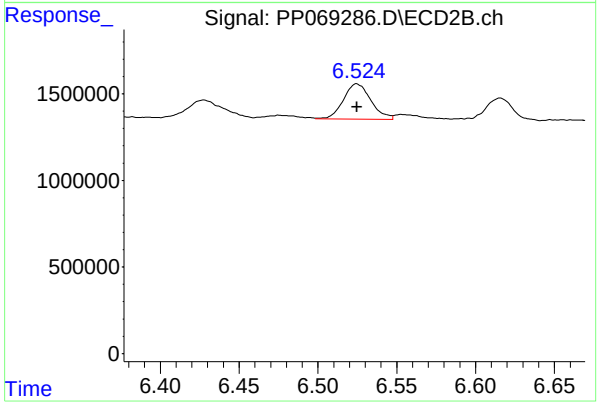
#28 AR-1254-3

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



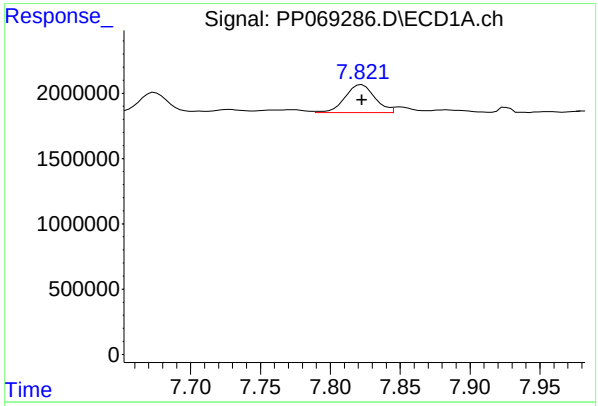
#29 AR-1254-4

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



#29 AR-1254-4

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



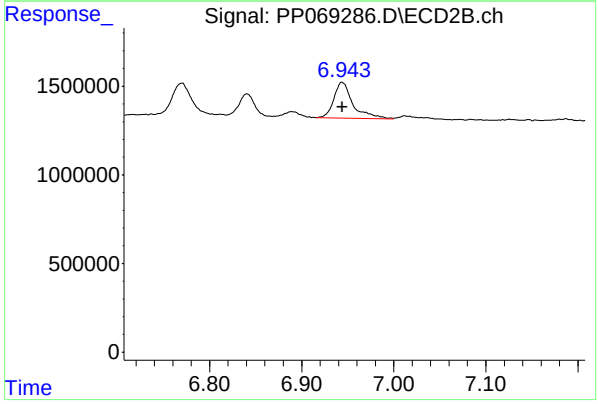
#30 AR-1254-5

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

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



#30 AR-1254-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

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

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

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

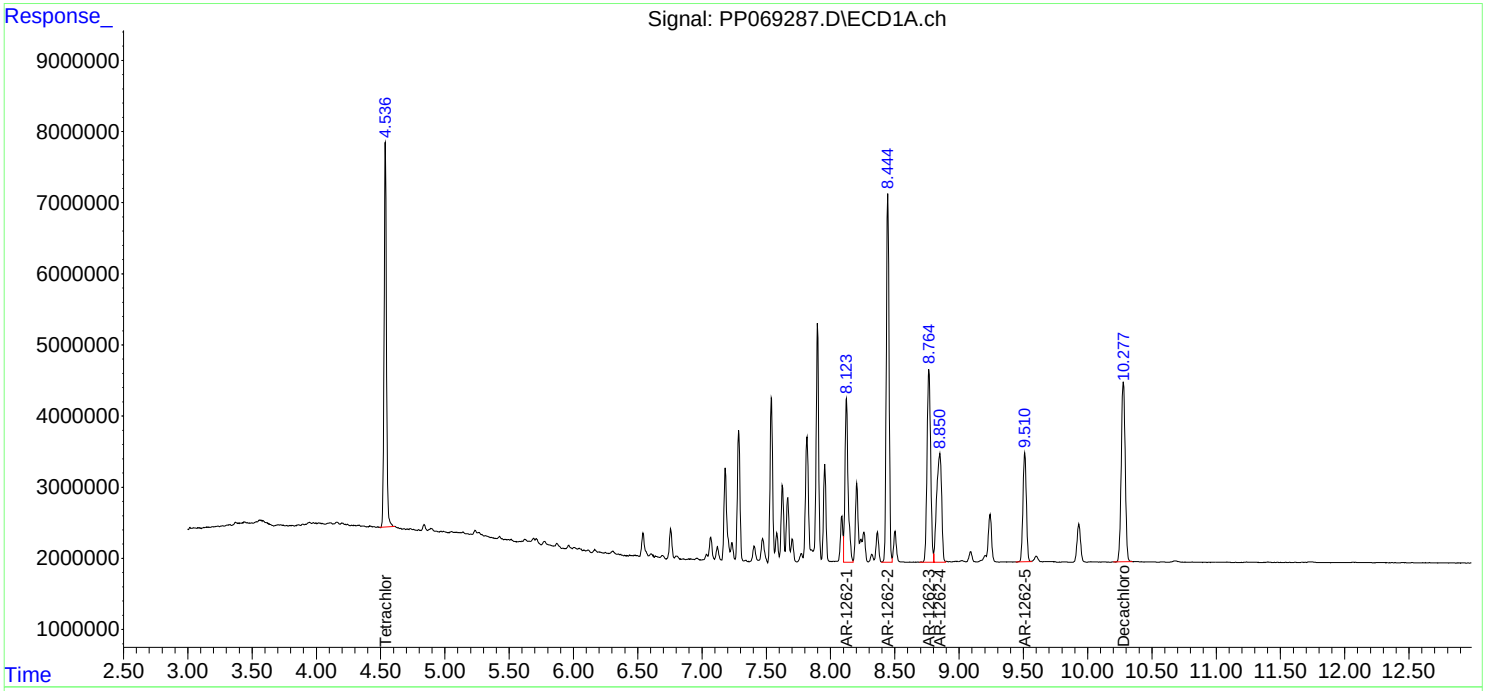
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

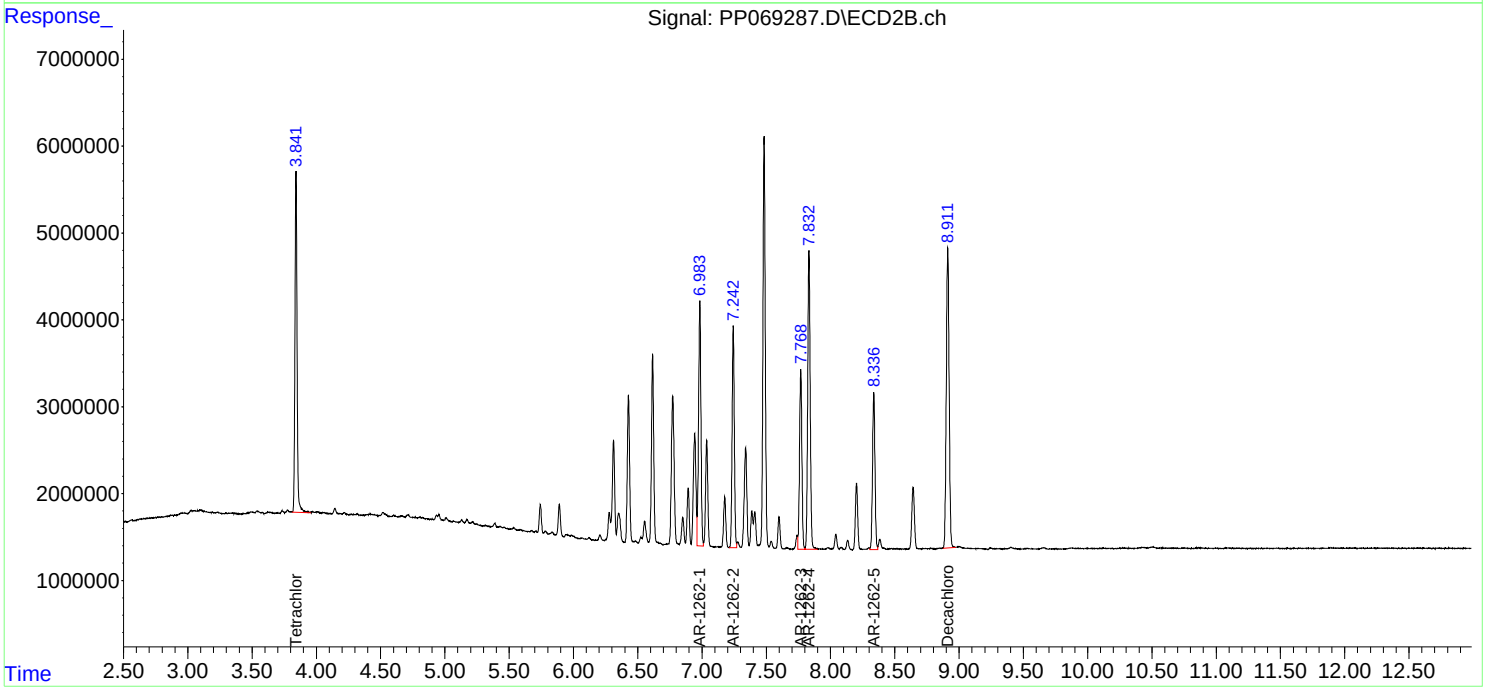
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:09
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

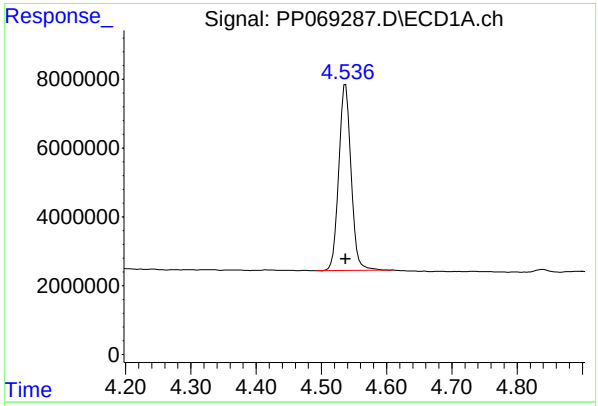
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

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

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



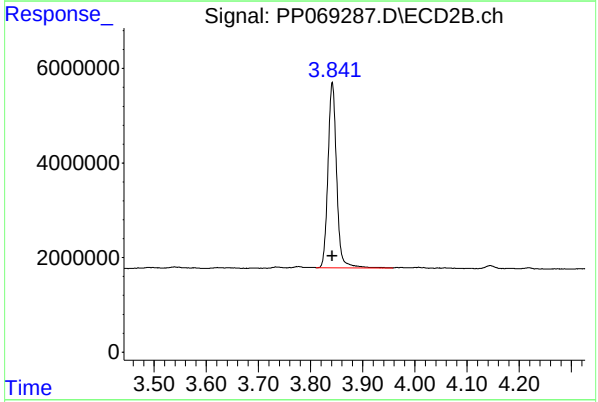




#1 Tetrachloro-m-xylene

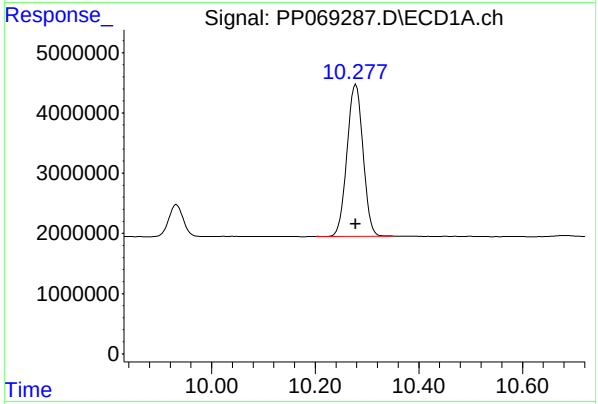
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 70866290
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



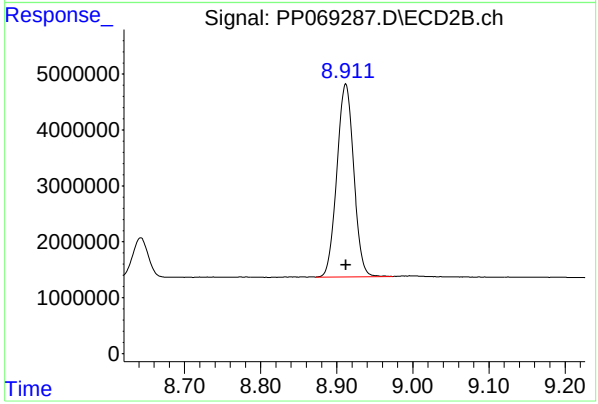
#1 Tetrachloro-m-xylene

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



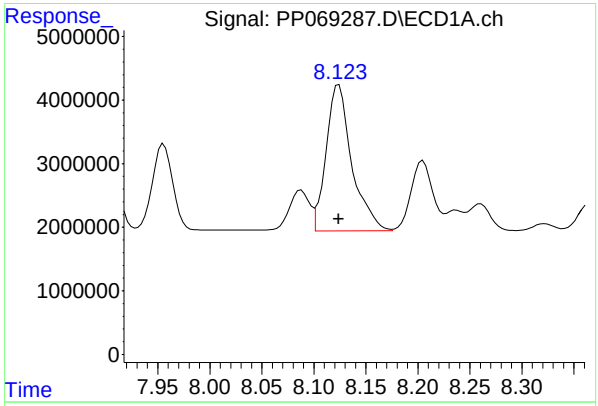
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

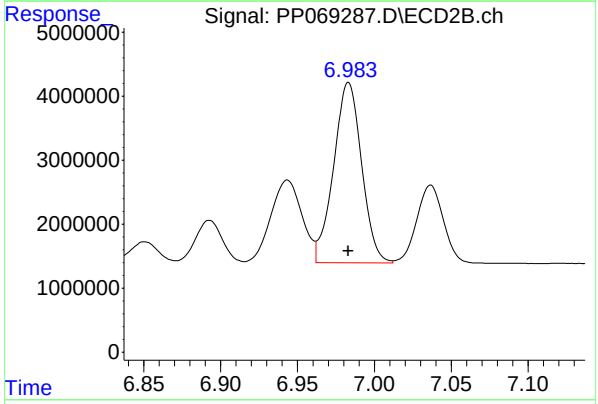
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 52952692
Conc: 50.00 ng/ml



#36 AR-1262-1

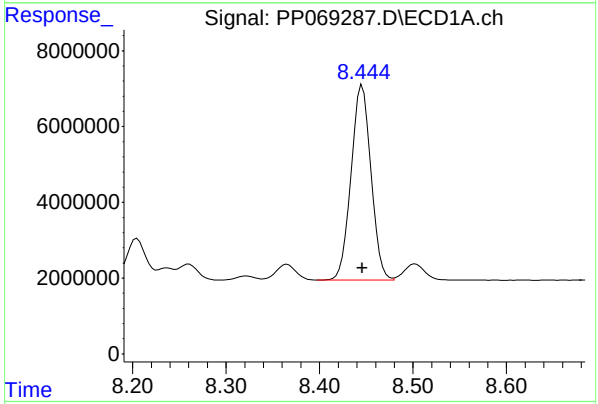
R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 39509132
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



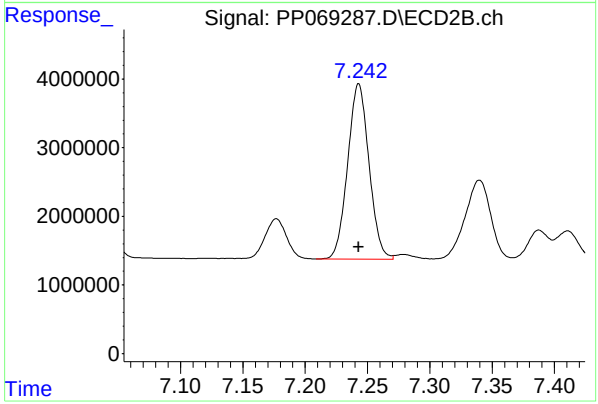
#36 AR-1262-1

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



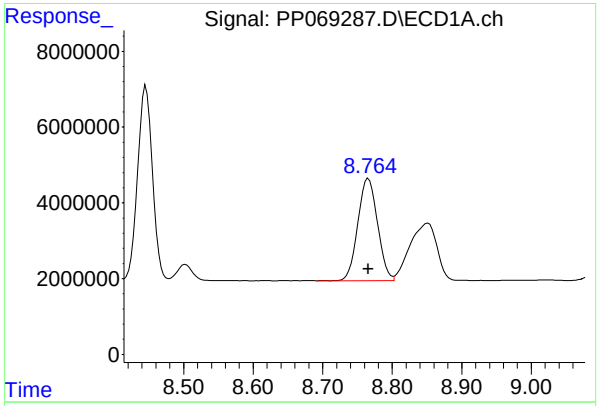
#37 AR-1262-2

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



#37 AR-1262-2

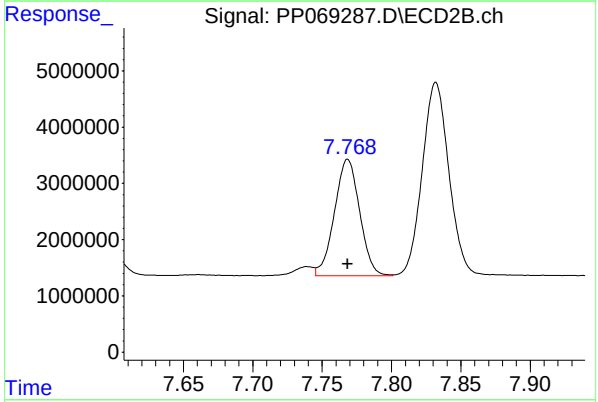
R.T.: 7.243 min
Delta R.T.: 0.000 min
Response: 30489732
Conc: 500.00 ng/ml



#38 AR-1262-3

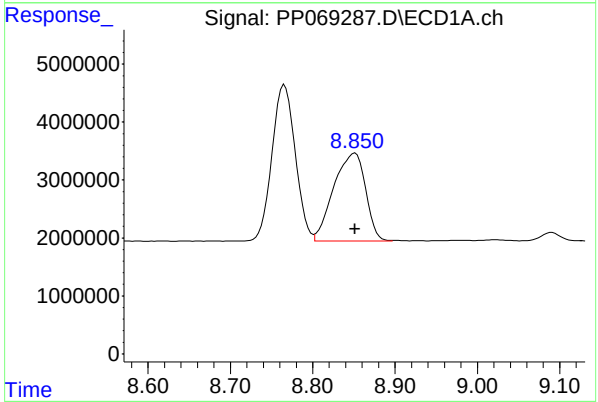
R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 53139905
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



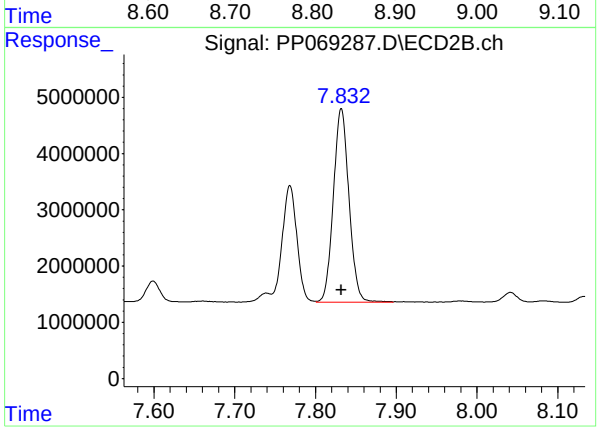
#38 AR-1262-3

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



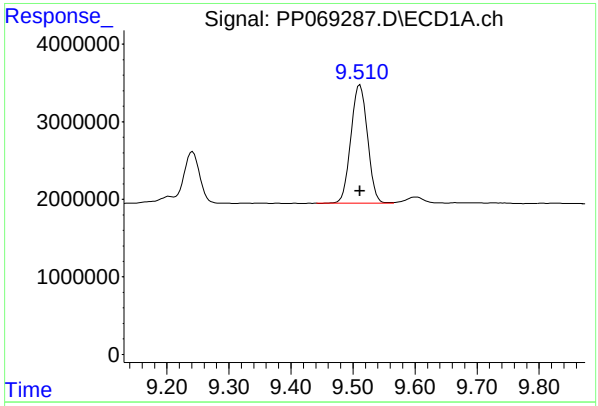
#39 AR-1262-4

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



#39 AR-1262-4

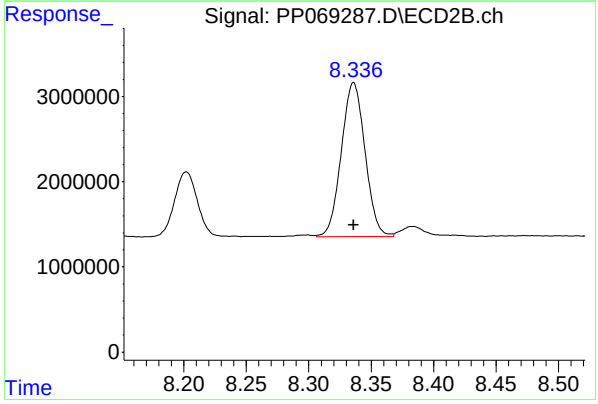
R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 46218246
Conc: 500.00 ng/ml



#40 AR-1262-5

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

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

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

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.842	141.7E6	92128954	95.944	96.727
2)	SA Decachlor...	10.278	8.913	175.4E6	173.2E6	95.468	94.768
	Target Compounds						
41)	L9 AR-1268-1	8.763	7.769	176.6E6	145.3E6	956.149	947.242
42)	L9 AR-1268-2	8.856	7.834	157.0E6	134.2E6	955.347	948.494
43)	L9 AR-1268-3	9.091	8.042	134.4E6	115.2E6	956.115	951.002
44)	L9 AR-1268-4	9.511	8.337	59595033	52741395	959.028	945.775
45)	L9 AR-1268-5	9.932	8.643	388.9E6	368.8E6	968.144	969.912

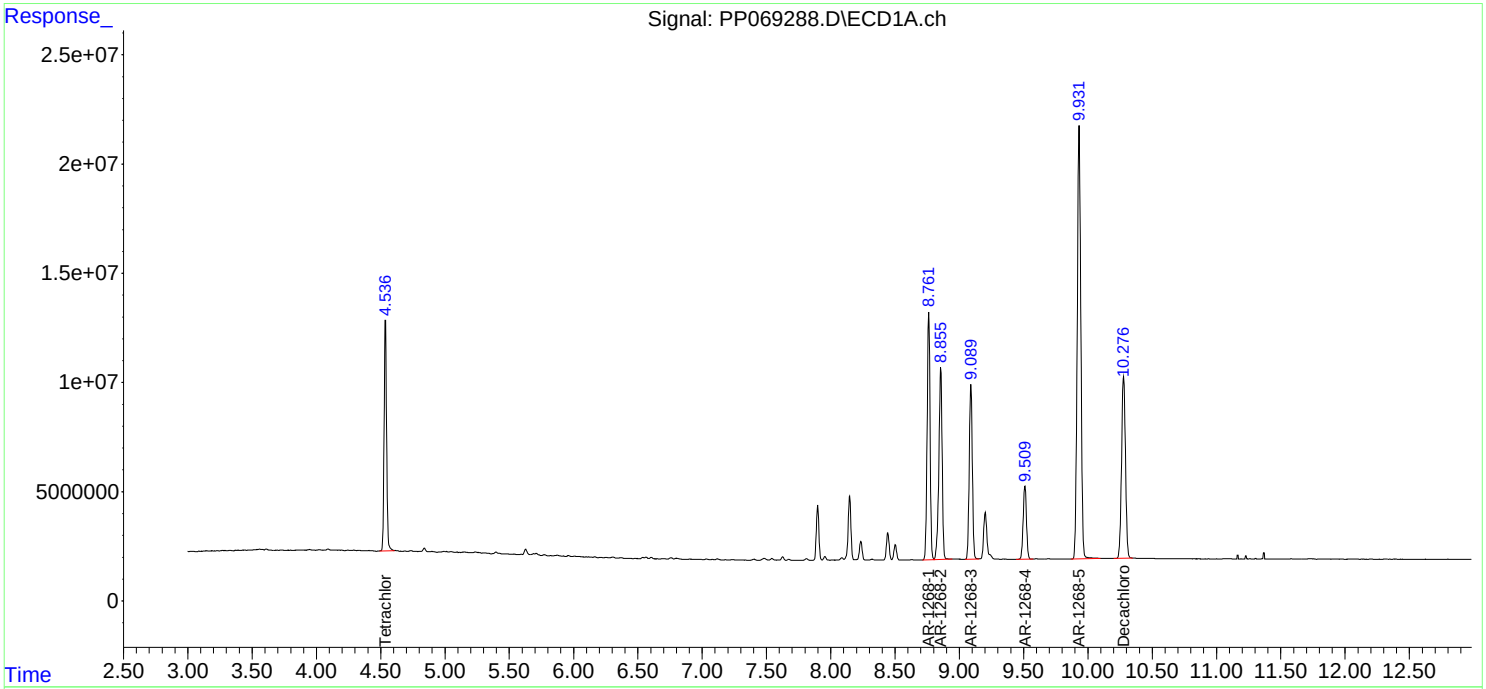
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

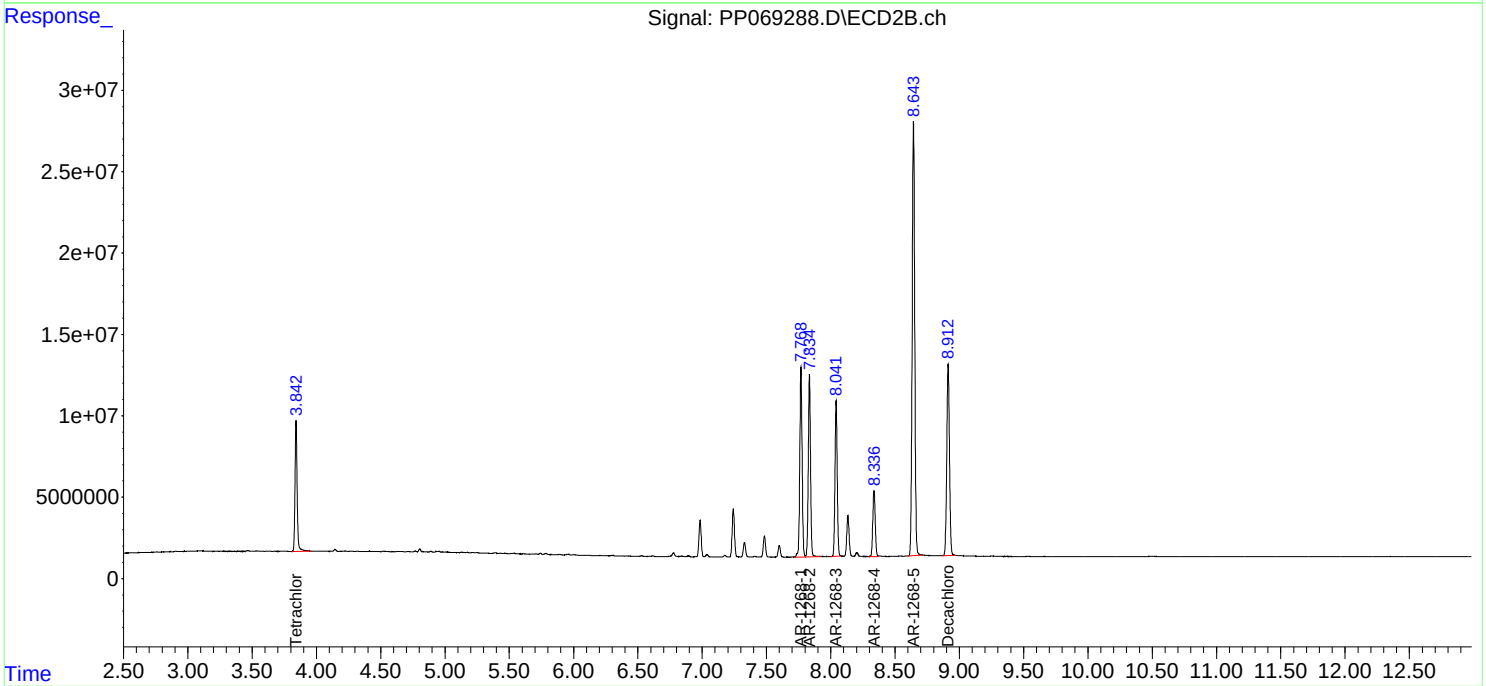
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:25
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

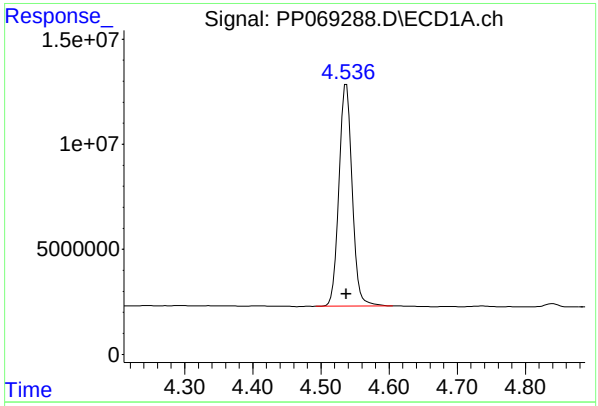
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

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

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



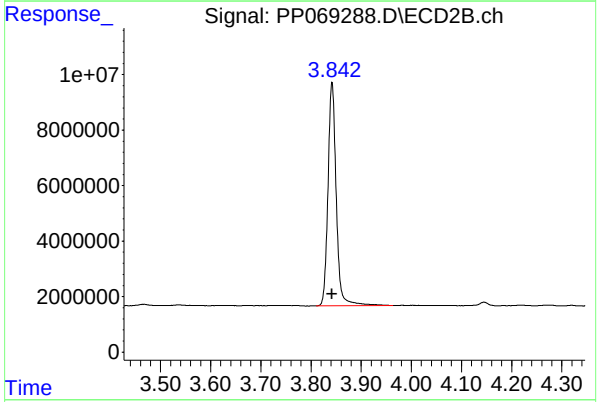




#1 Tetrachloro-m-xylene

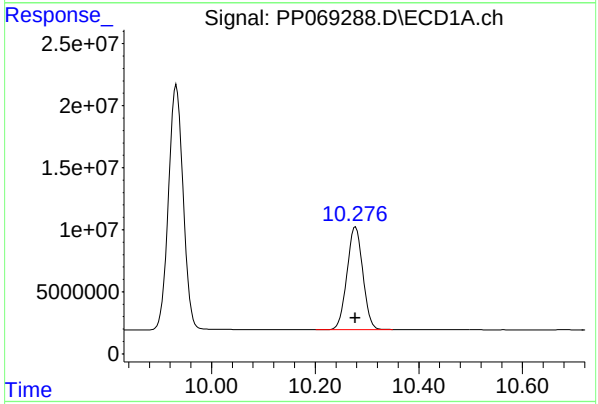
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 141740509
Conc: 95.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



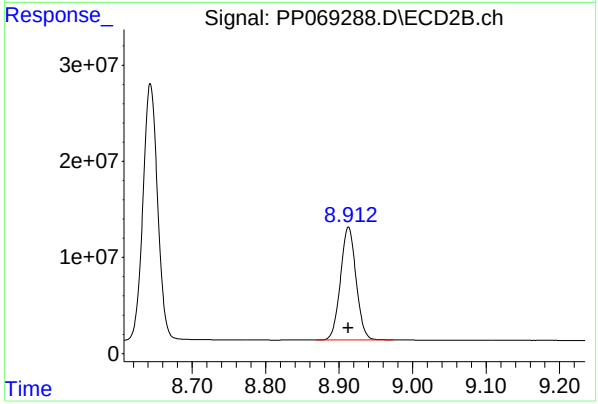
#1 Tetrachloro-m-xylene

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



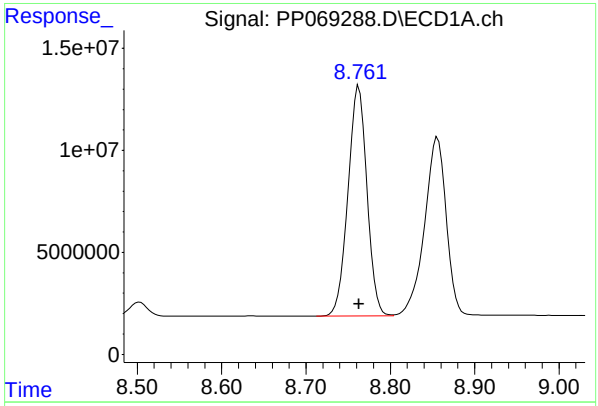
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

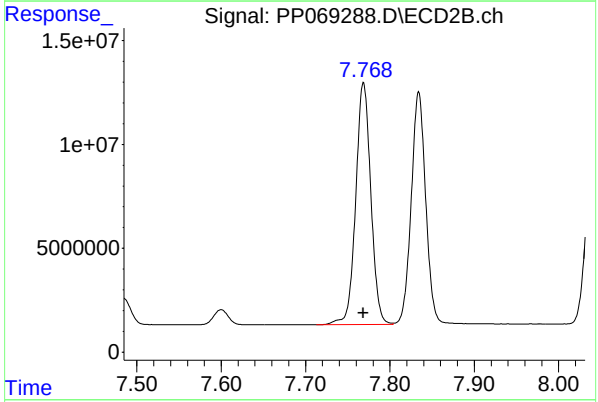
R.T.: 8.913 min
Delta R.T.: 0.000 min
Response: 173202373
Conc: 94.77 ng/ml



#41 AR-1268-1

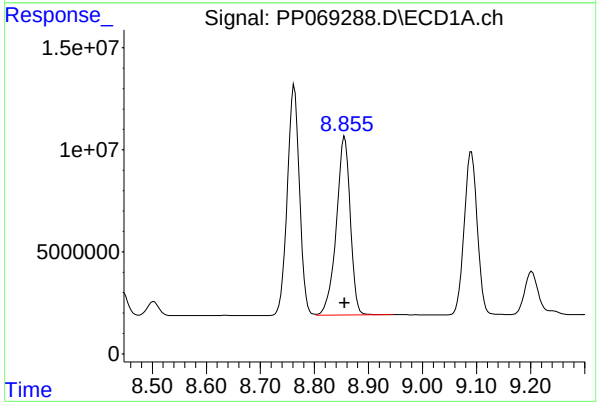
R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 176588317
Conc: 956.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



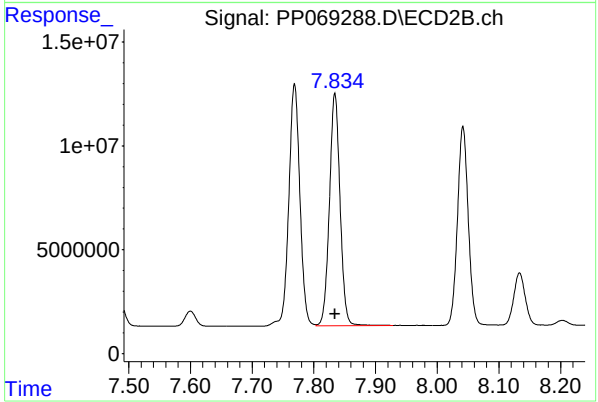
#41 AR-1268-1

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



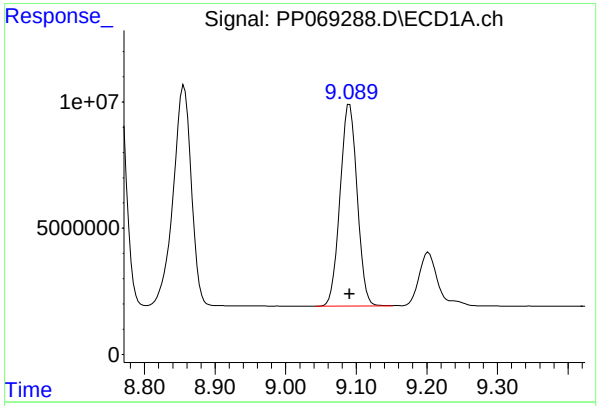
#42 AR-1268-2

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



#42 AR-1268-2

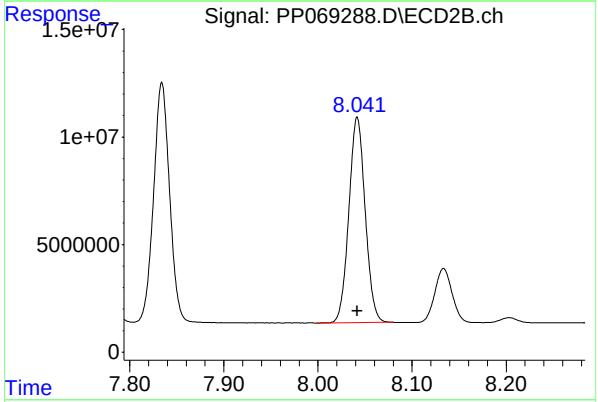
R.T.: 7.834 min
Delta R.T.: 0.000 min
Response: 134157524
Conc: 948.49 ng/ml



#43 AR-1268-3

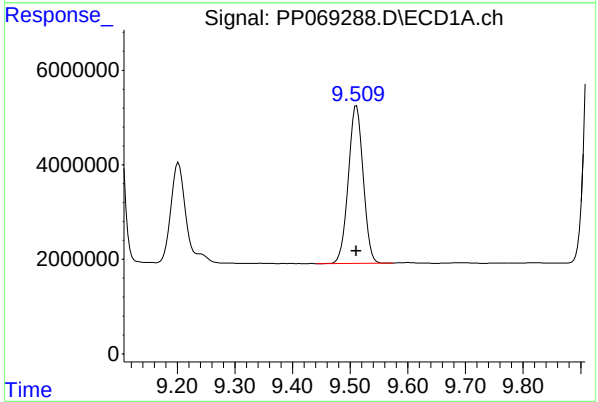
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 134437818
Conc: 956.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



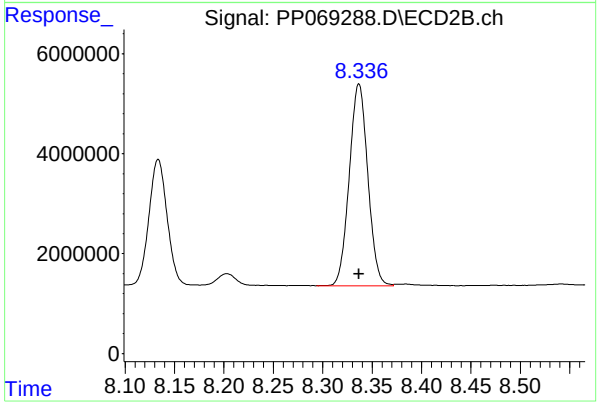
#43 AR-1268-3

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



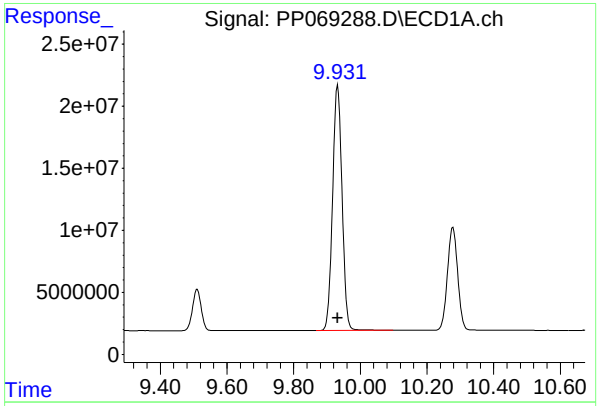
#44 AR-1268-4

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



#44 AR-1268-4

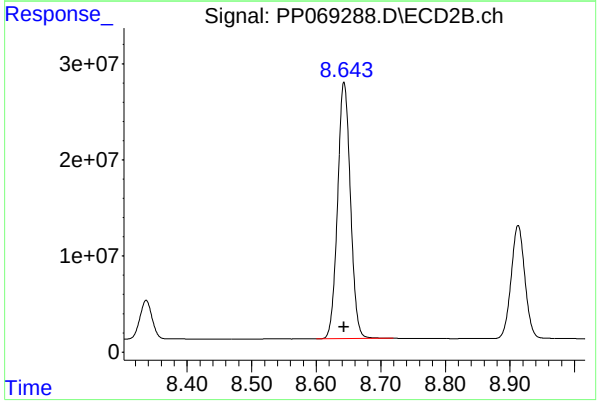
R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 52741395
Conc: 945.77 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

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

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.539	3.842	111.1E6	71903318	75.128	75.901
2)	SA Decachlor...	10.281	8.913	137.9E6	136.8E6	75.046	74.883
	Target Compounds						
41)	L9 AR-1268-1	8.763	7.769	138.6E6	112.6E6	750.252	738.987
42)	L9 AR-1268-2	8.858	7.833	123.3E6	104.3E6	750.168	741.423
43)	L9 AR-1268-3	9.093	8.042	105.3E6	88413325	749.171	736.666
44)	L9 AR-1268-4	9.513	8.337	46710125	41418932	751.118	745.142
45)	L9 AR-1268-5	9.935	8.643	302.5E6	288.2E6	751.971	755.369

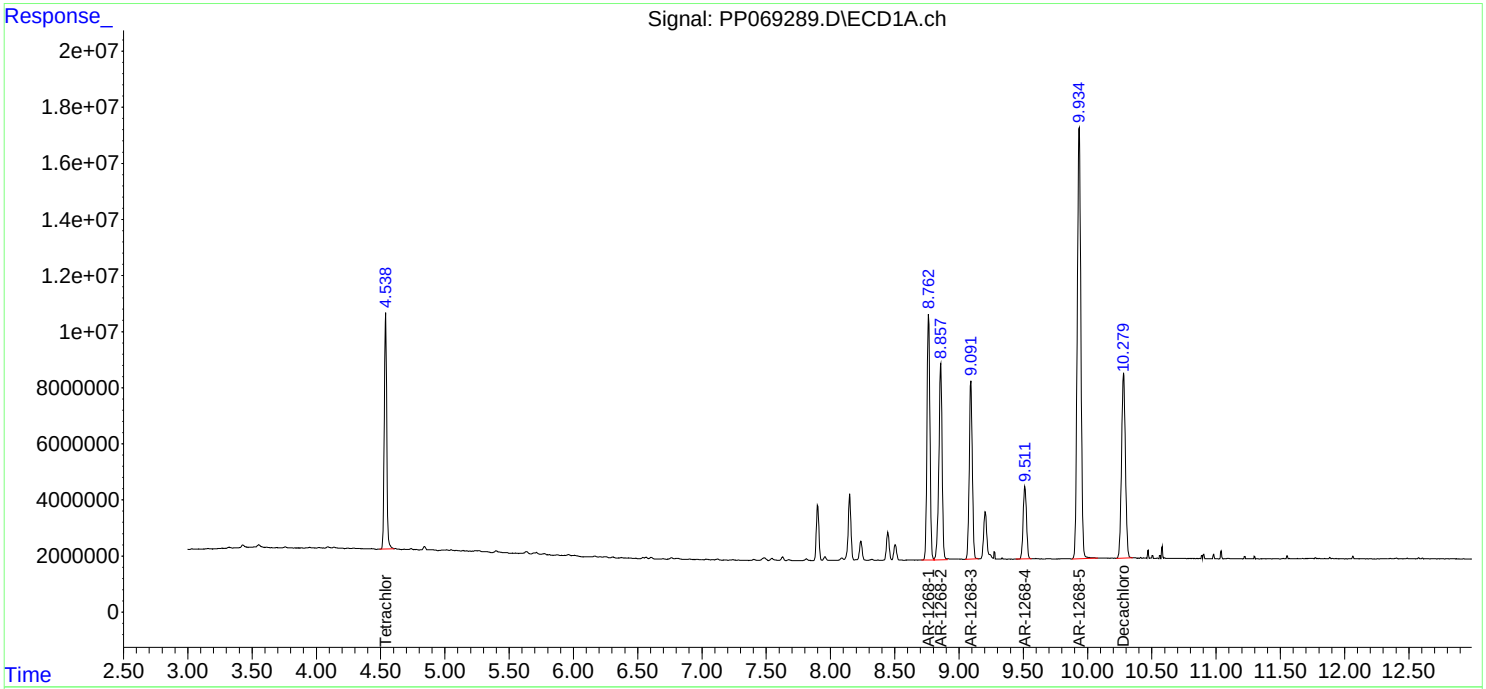
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

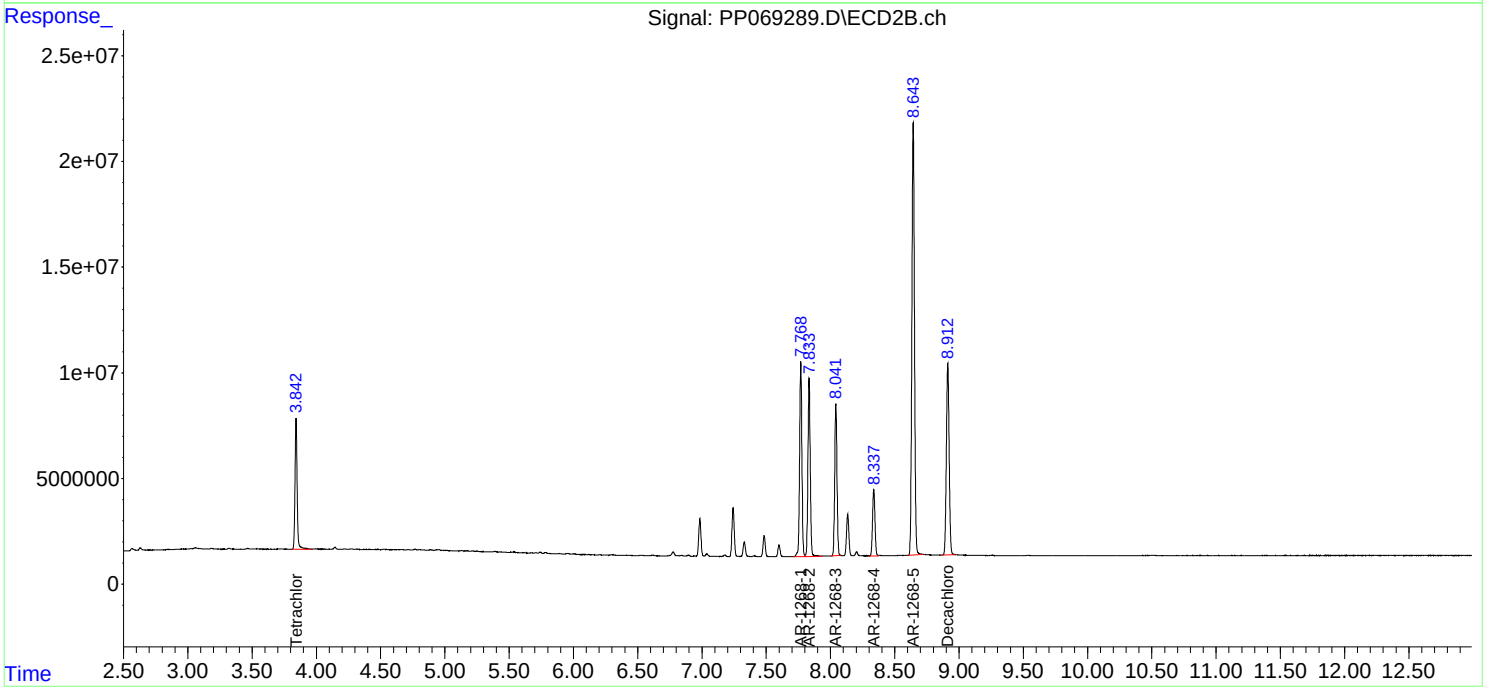
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:42
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

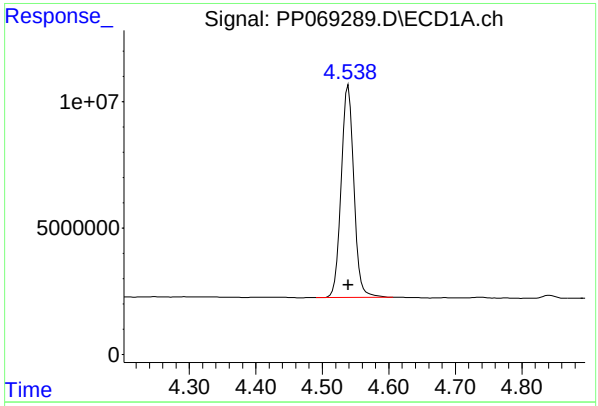
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

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

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



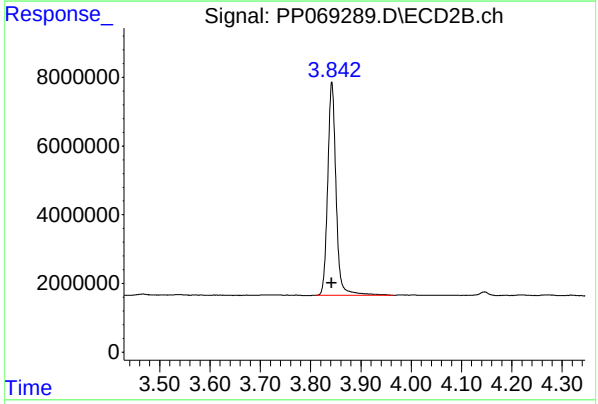




#1 Tetrachloro-m-xylene

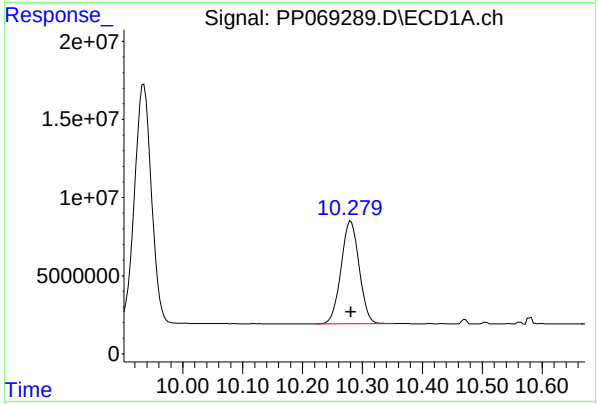
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 111083181
Conc: 75.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



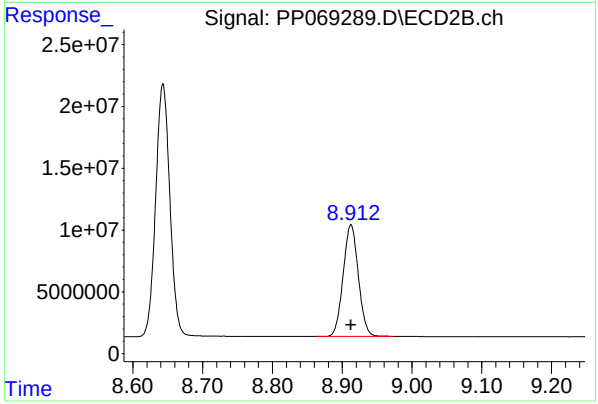
#1 Tetrachloro-m-xylene

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



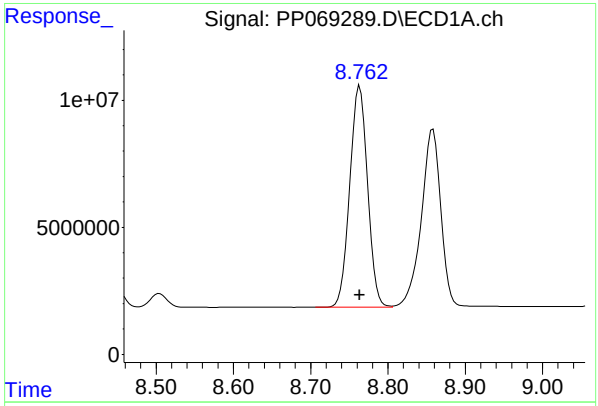
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

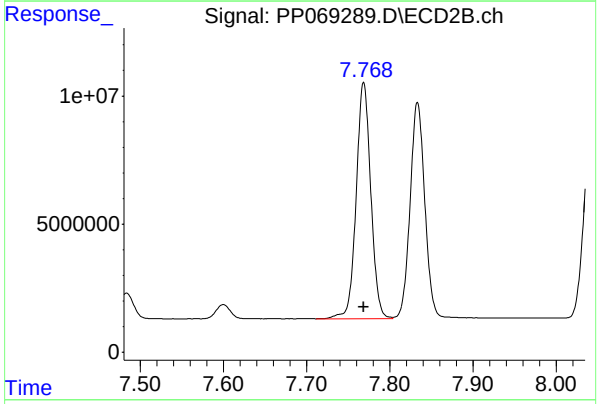
R.T.: 8.913 min
Delta R.T.: 0.000 min
Response: 136751385
Conc: 74.88 ng/ml



#41 AR-1268-1

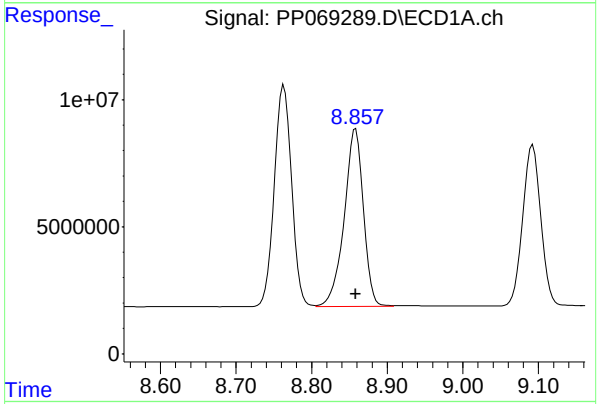
R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 138585052
Conc: 750.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



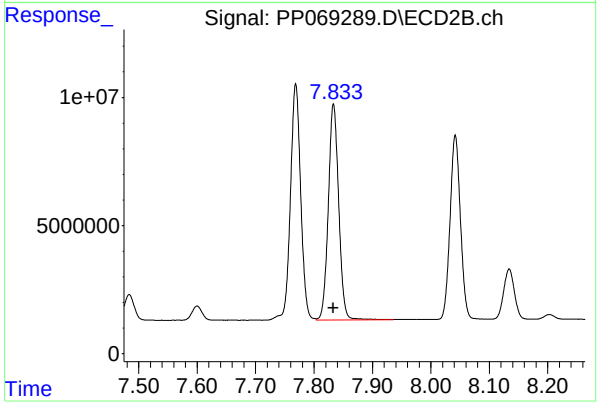
#41 AR-1268-1

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



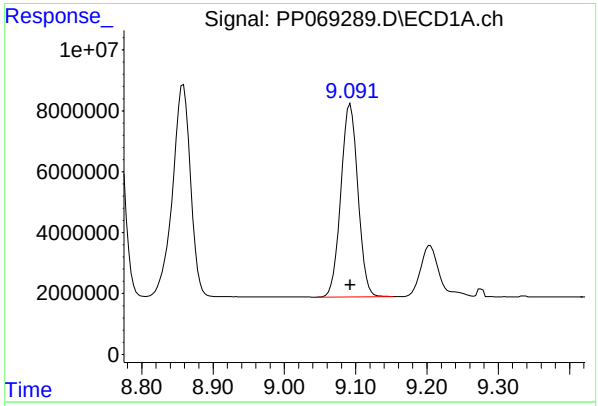
#42 AR-1268-2

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



#42 AR-1268-2

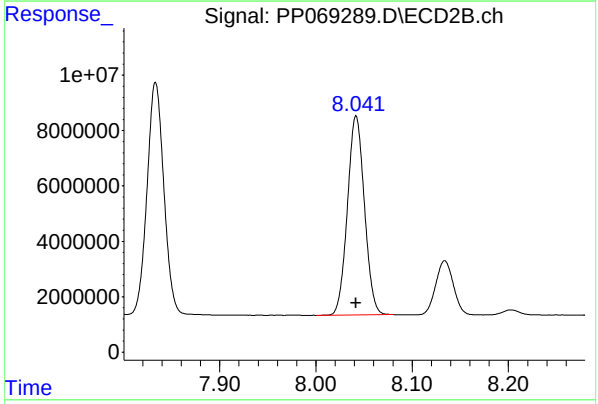
R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 104272620
Conc: 741.42 ng/ml



#43 AR-1268-3

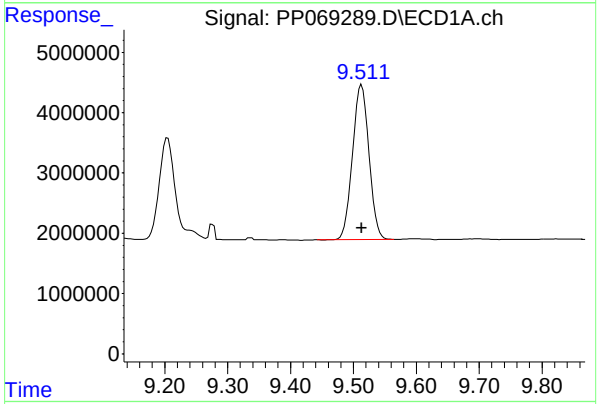
R.T.: 9.093 min
Delta R.T.: 0.000 min
Response: 105281503
Conc: 749.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



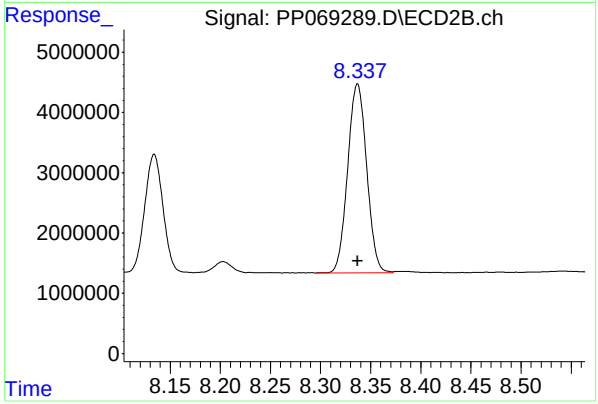
#43 AR-1268-3

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



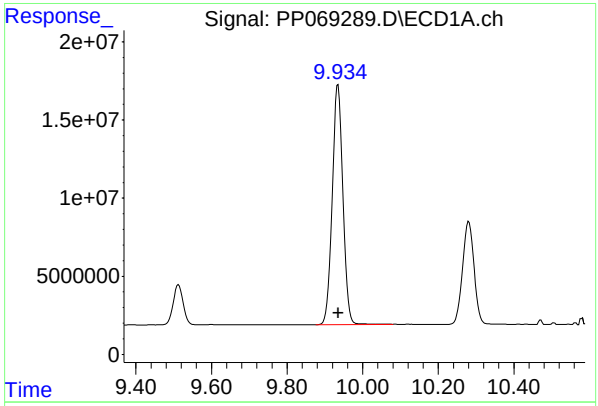
#44 AR-1268-4

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



#44 AR-1268-4

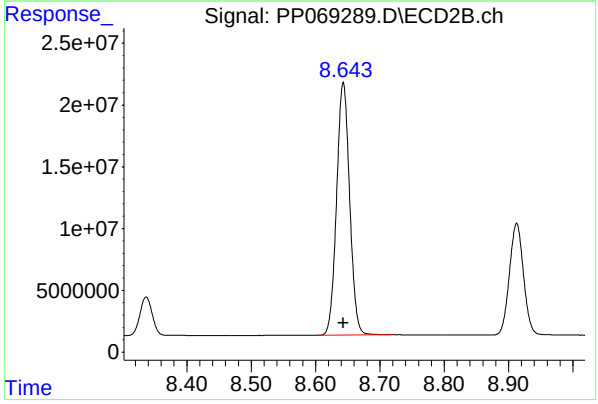
R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 41418932
Conc: 745.14 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

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

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.841	76862426	49181825	50.000	50.000
2)	SA Decachlor...	10.279	8.911	96042801	96162855	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.761	7.768	96392837	80759270	500.000	500.000
42)	L9 AR-1268-2	8.855	7.833	85848712	74363836	500.000	500.000
43)	L9 AR-1268-3	9.090	8.040	73389481	63508948	500.000	500.000
44)	L9 AR-1268-4	9.510	8.335	32343556	29394578	500.000	500.000
45)	L9 AR-1268-5	9.932	8.641	207.3E6	195.8E6	500.000	500.000

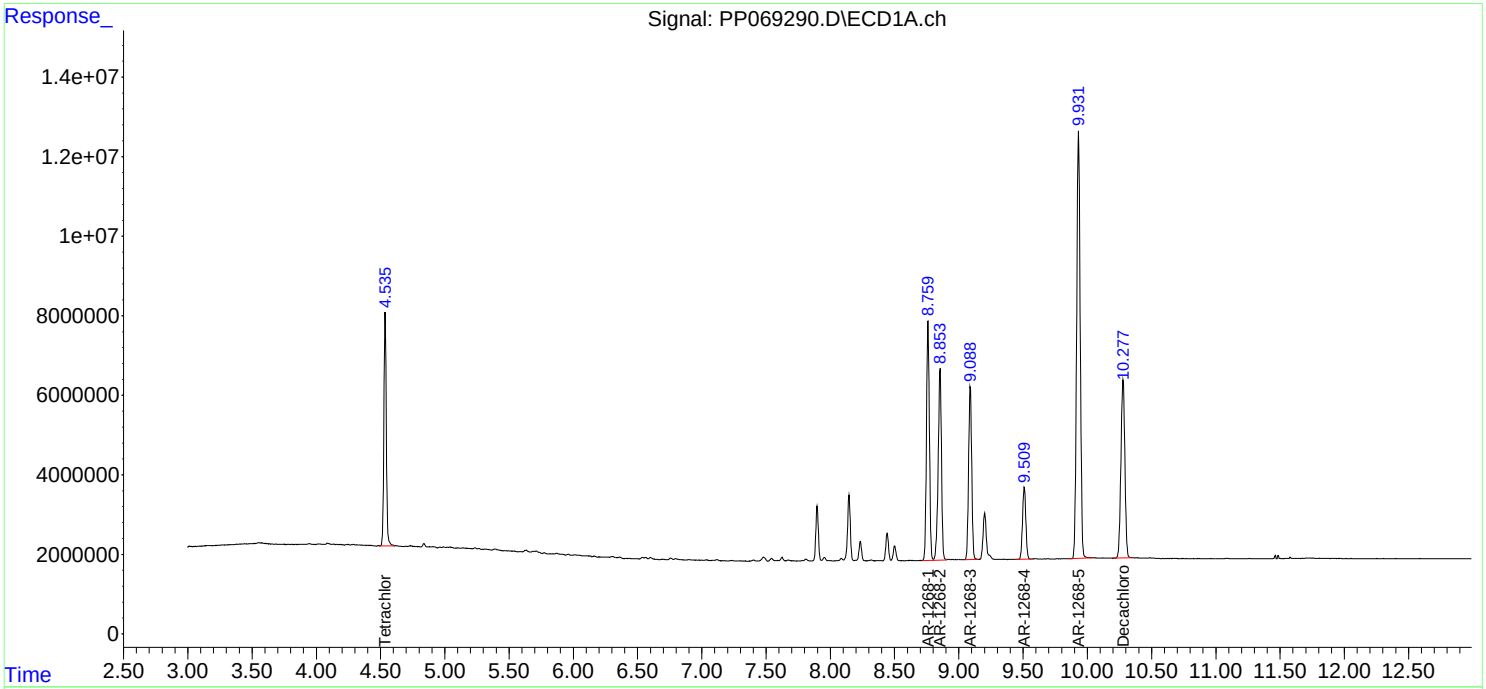
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

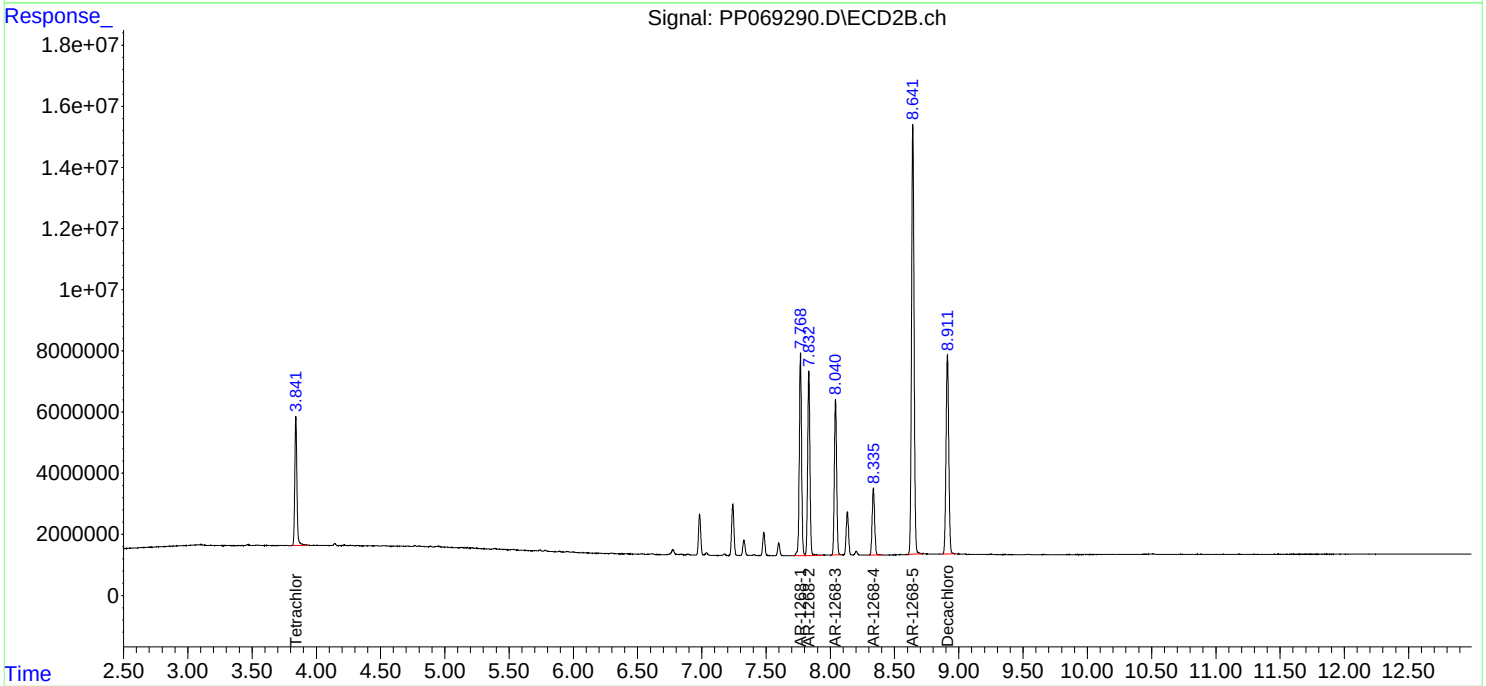
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 16:58
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

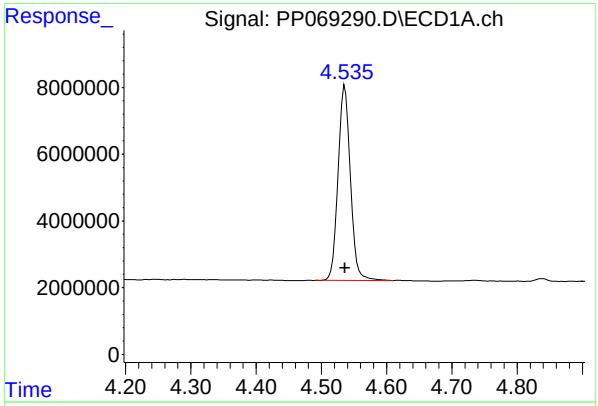
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

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

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



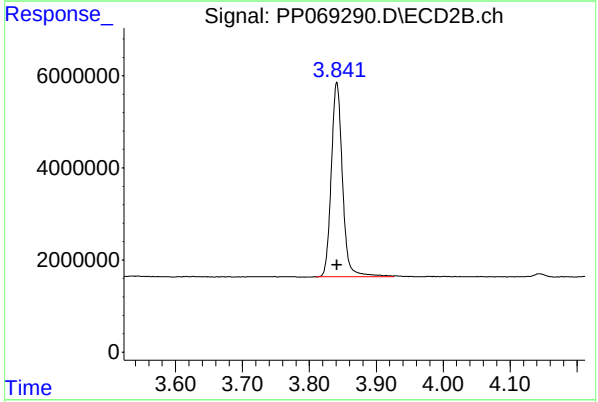




#1 Tetrachloro-m-xylene

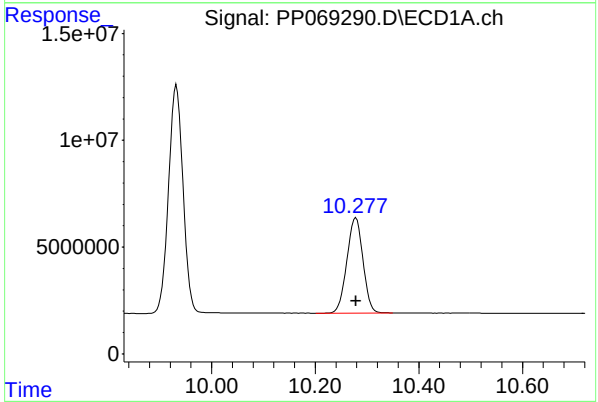
R.T.: 4.536 min
Delta R.T.: 0.000 min
Response: 76862426
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



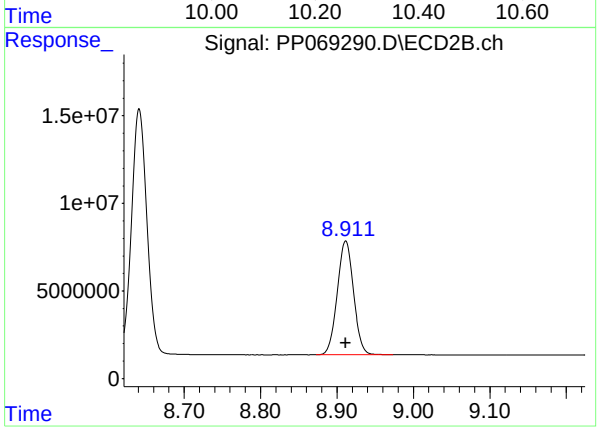
#1 Tetrachloro-m-xylene

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



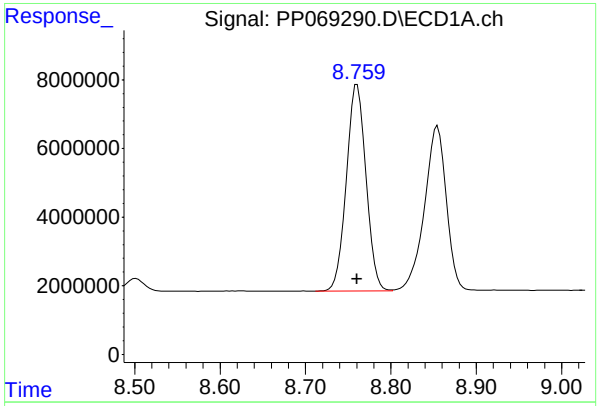
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

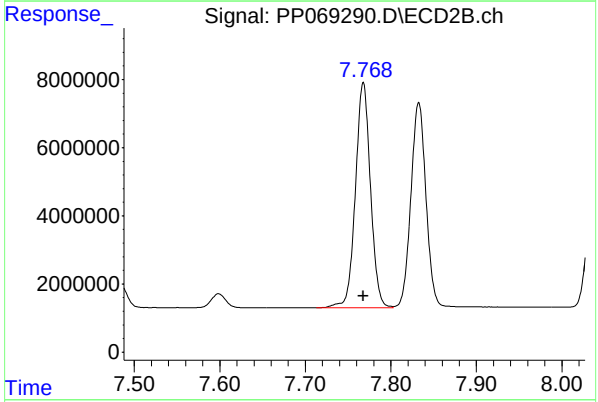
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 96162855
Conc: 50.00 ng/ml



#41 AR-1268-1

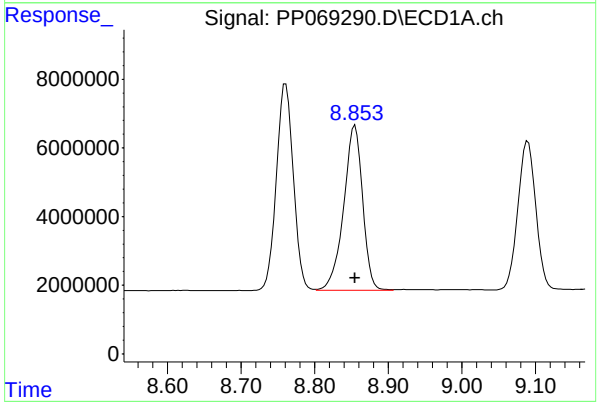
R.T.: 8.761 min
Delta R.T.: 0.000 min
Response: 96392837
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



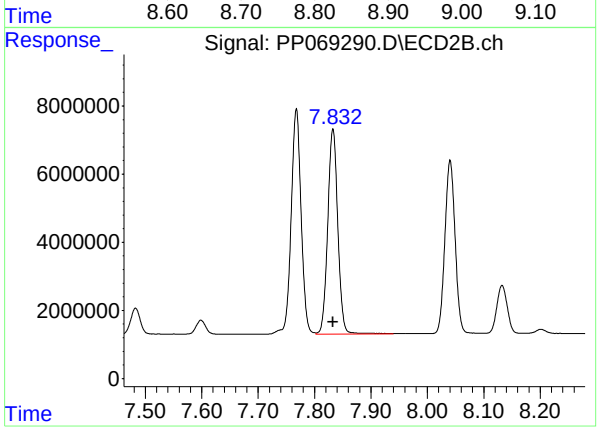
#41 AR-1268-1

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



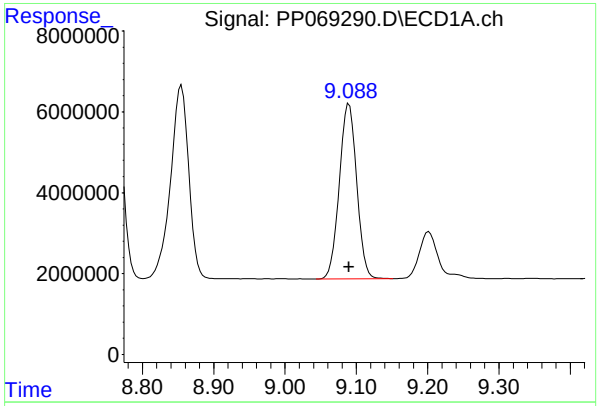
#42 AR-1268-2

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



#42 AR-1268-2

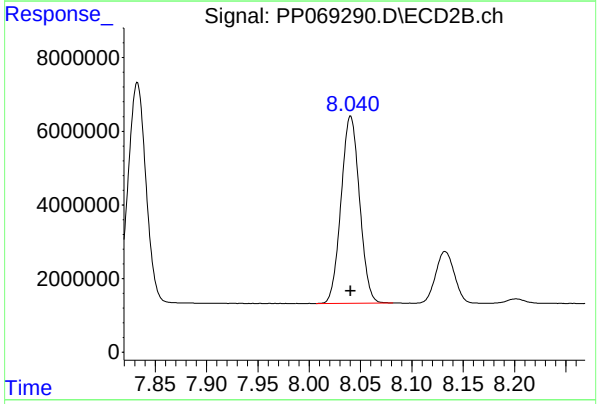
R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 74363836
Conc: 500.00 ng/ml



#43 AR-1268-3

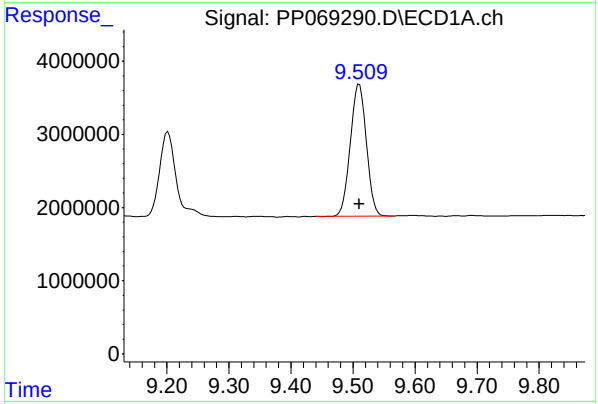
R.T.: 9.090 min
Delta R.T.: 0.000 min
Response: 73389481
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



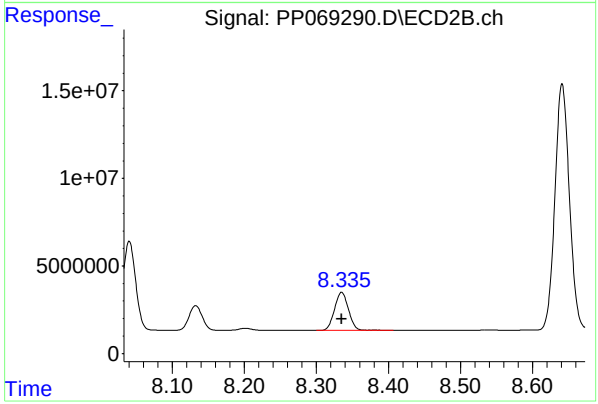
#43 AR-1268-3

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



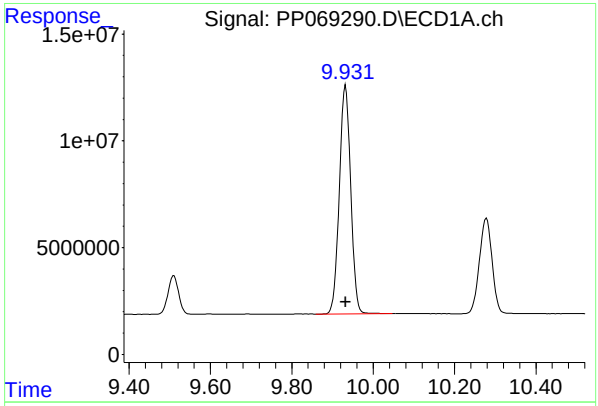
#44 AR-1268-4

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



#44 AR-1268-4

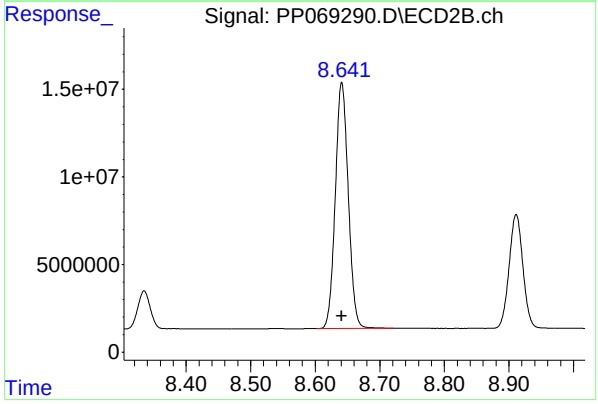
R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 29394578
Conc: 500.00 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

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

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.553	3.841	39693299	25406430	26.359	26.193
2)	SA Decachlor...	10.293	8.912	50826883	48064273	26.937	25.976
	Target Compounds						
41)	L9 AR-1268-1	8.778	7.768	50705640	40061895	267.938	259.651
42)	L9 AR-1268-2	8.872	7.832	44793849	36640221	266.509	257.814
43)	L9 AR-1268-3	9.106	8.041	38627120	31135456	268.197	257.001
44)	L9 AR-1268-4	9.527	8.336	16972703	14773829	266.811	261.656
45)	L9 AR-1268-5	9.947	8.642	109.1E6	95443492	265.618	250.089

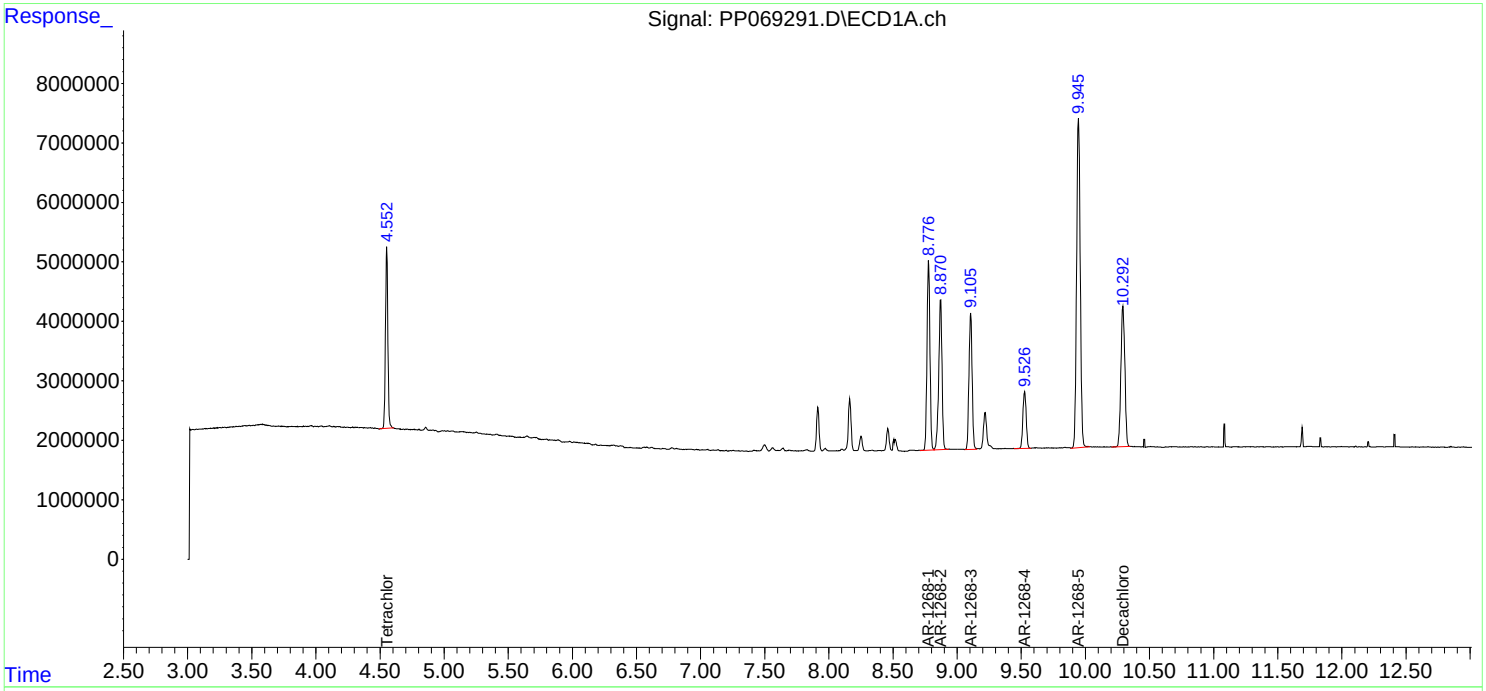
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

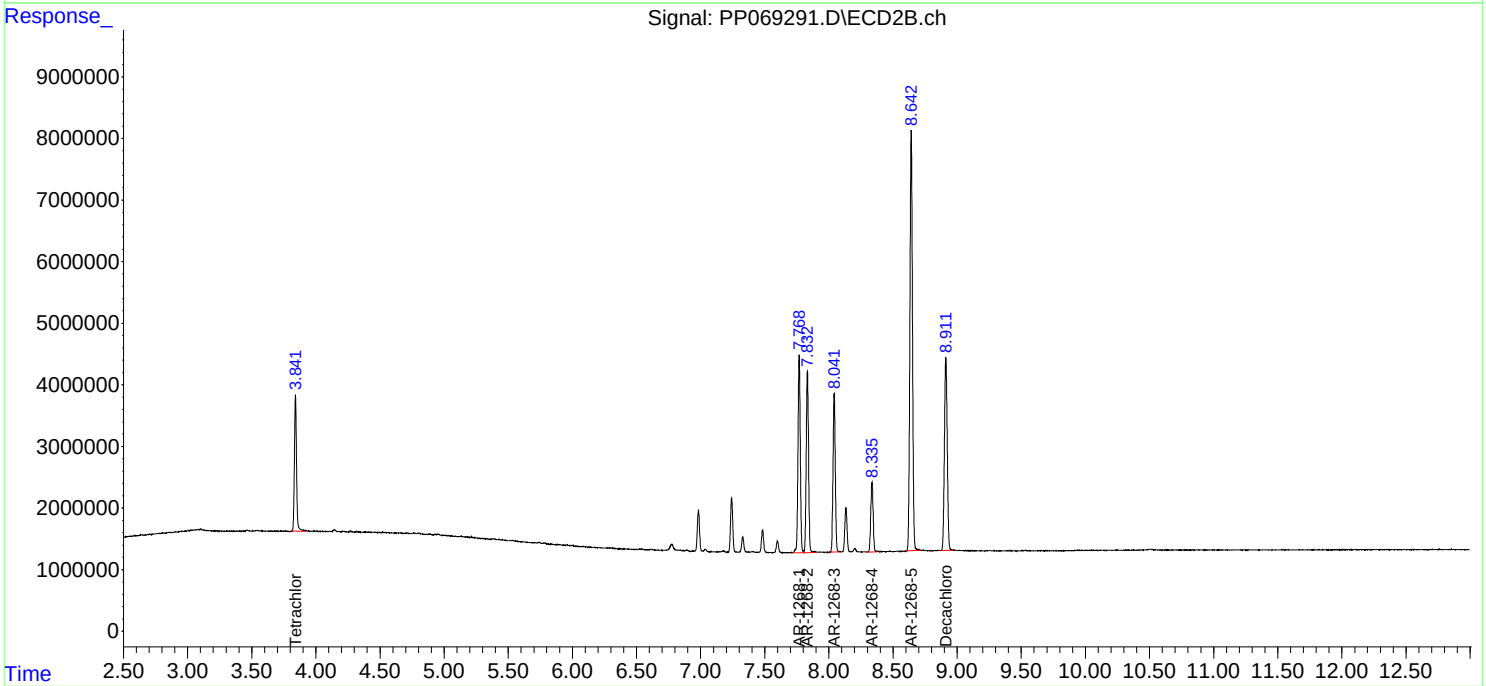
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069291.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:14
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

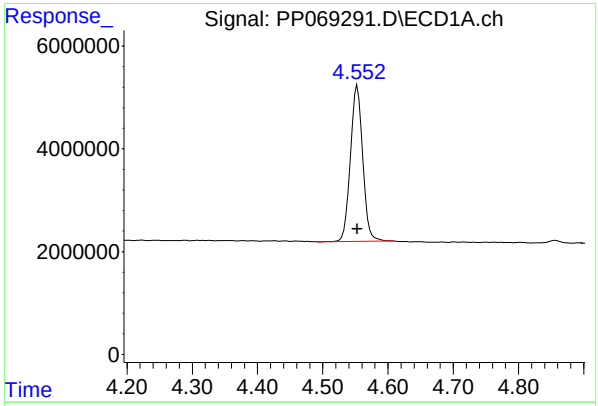
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

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

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



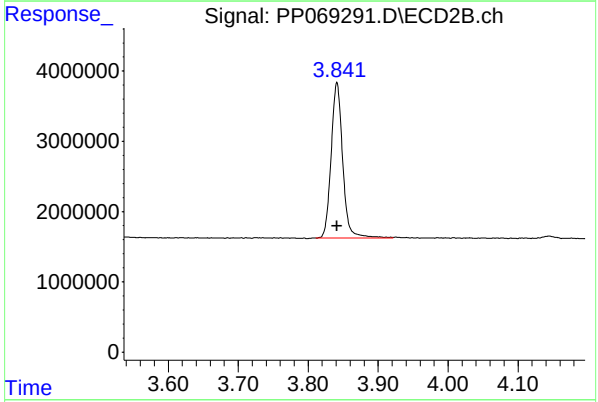




#1 Tetrachloro-m-xylene

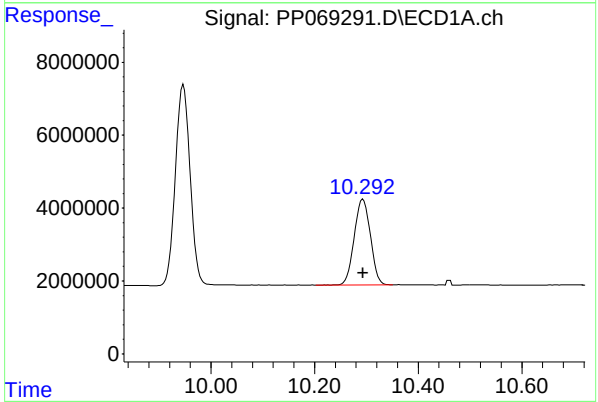
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 39693299
Conc: 26.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



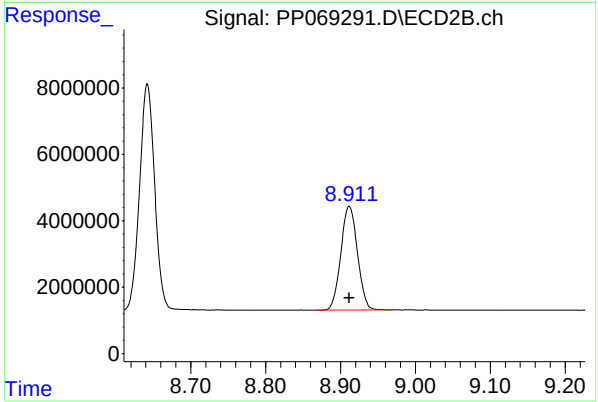
#1 Tetrachloro-m-xylene

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



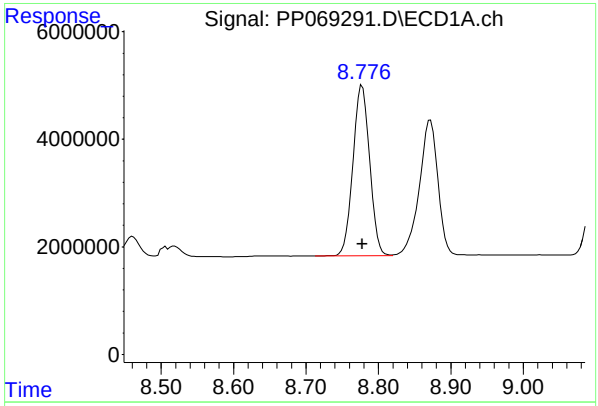
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

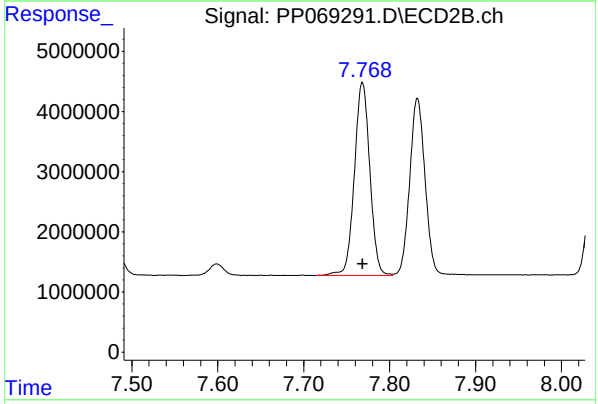
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 48064273
Conc: 25.98 ng/ml



#41 AR-1268-1

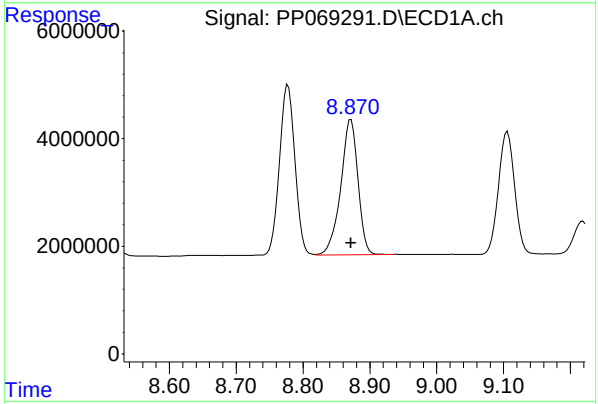
R.T.: 8.778 min
Delta R.T.: 0.000 min
Response: 50705640
Conc: 267.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



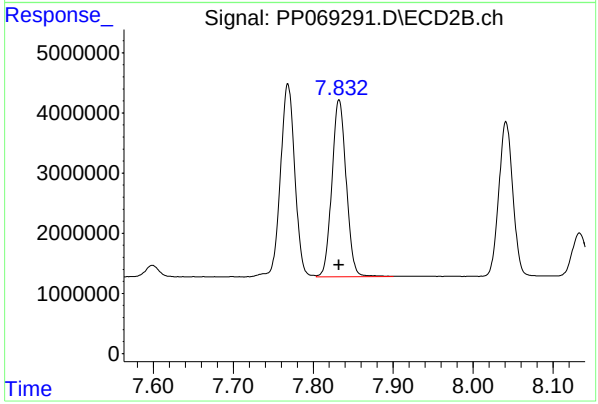
#41 AR-1268-1

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



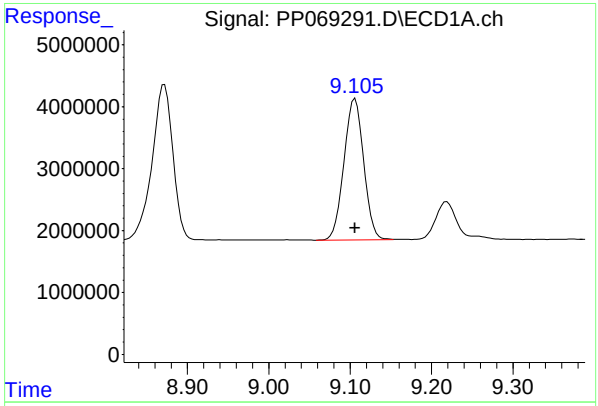
#42 AR-1268-2

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



#42 AR-1268-2

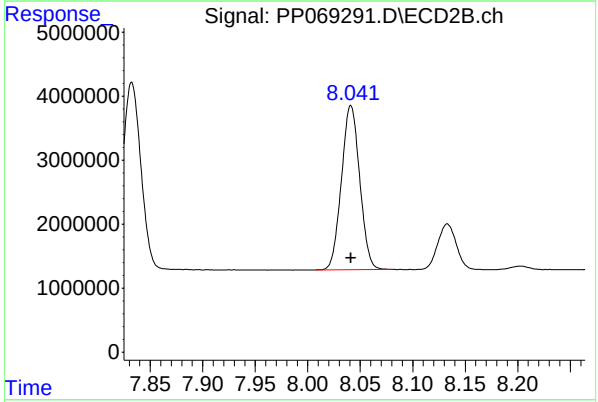
R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 36640221
Conc: 257.81 ng/ml



#43 AR-1268-3

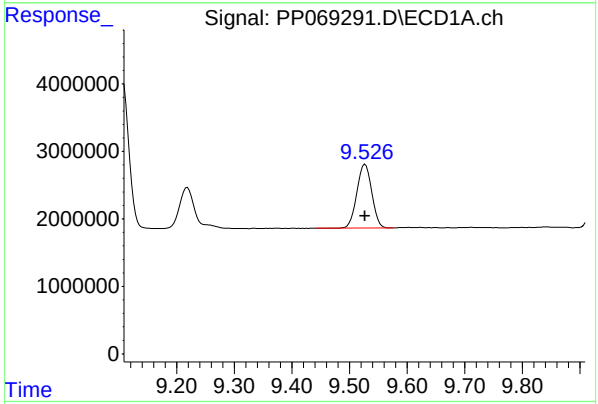
R.T.: 9.106 min
Delta R.T.: 0.000 min
Response: 38627120
Conc: 268.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



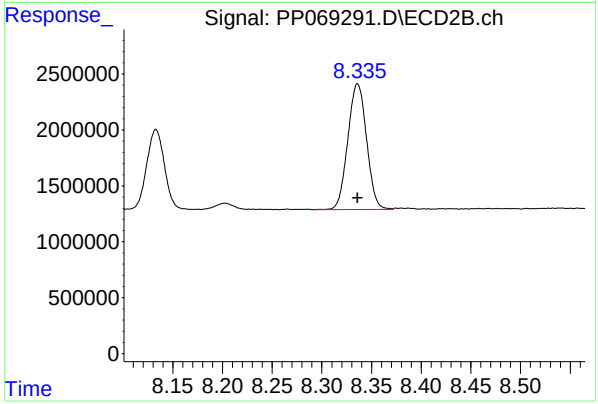
#43 AR-1268-3

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



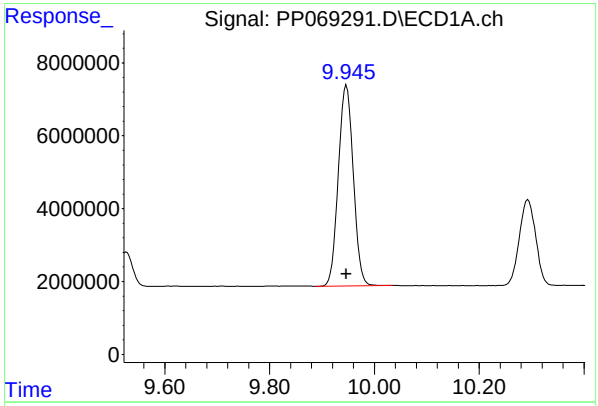
#44 AR-1268-4

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



#44 AR-1268-4

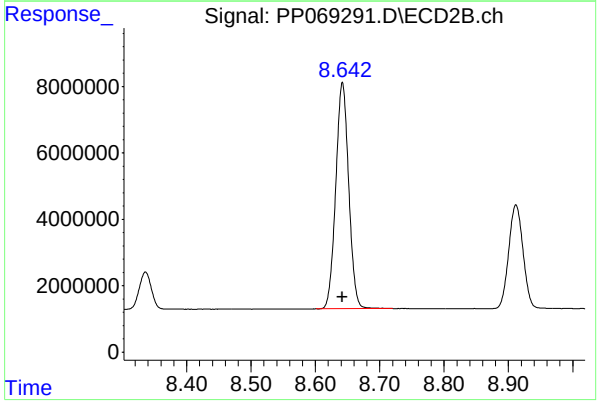
R.T.: 8.336 min
Delta R.T.: 0.000 min
Response: 14773829
Conc: 261.66 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

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

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

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

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.840	4537630	2929843	3.283m	3.277m
2)	SA Decachlor...	10.278	8.910	5979560	6573940	3.419	3.771
	Target Compounds						
41)	L9 AR-1268-1	8.763	7.767	6295775	5422252	35.654	37.363
42)	L9 AR-1268-2	8.857	7.832	5727609	4780082	36.395	35.990
43)	L9 AR-1268-3	9.093	8.039	4626946	4204668	34.600	36.968
44)	L9 AR-1268-4	9.511	8.335	1957538	1726940	33.336	33.161
45)	L9 AR-1268-5	9.933	8.641	13066763	12717604	34.305	35.705

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

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

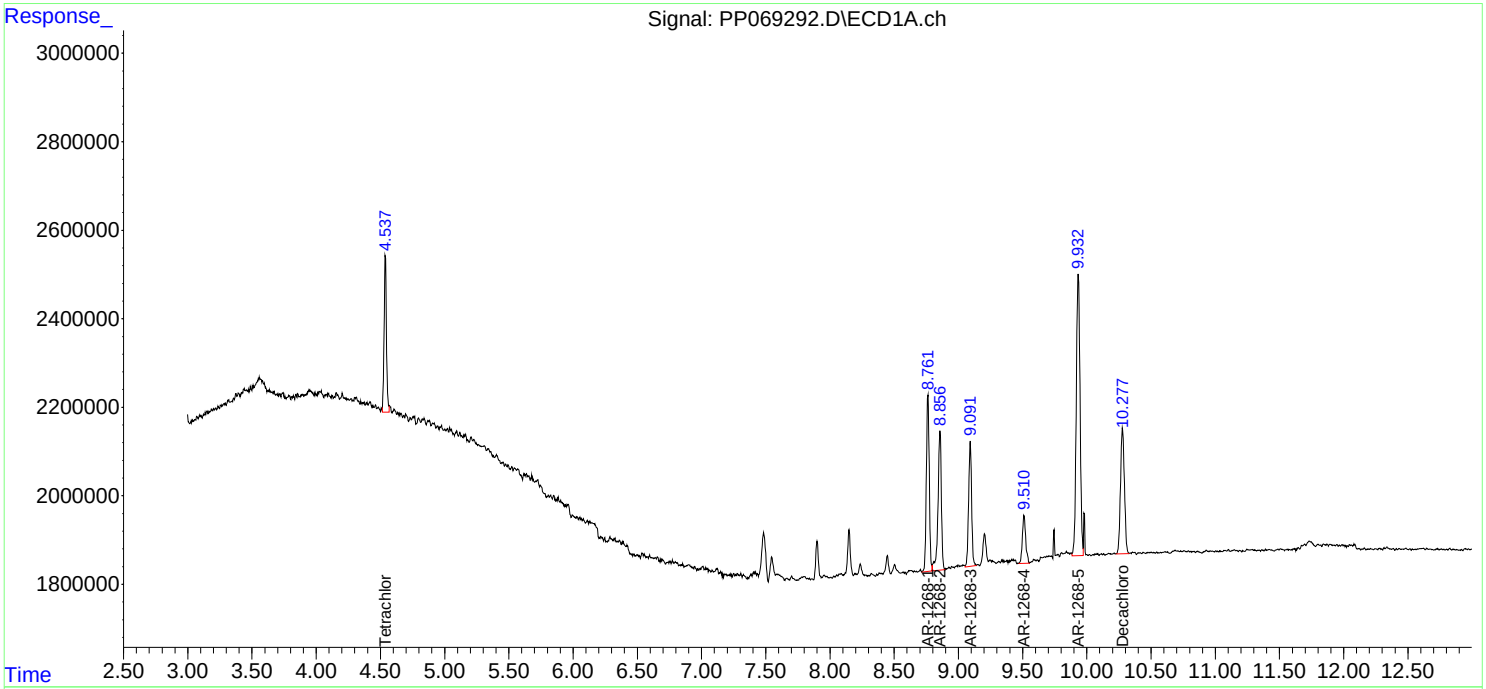
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

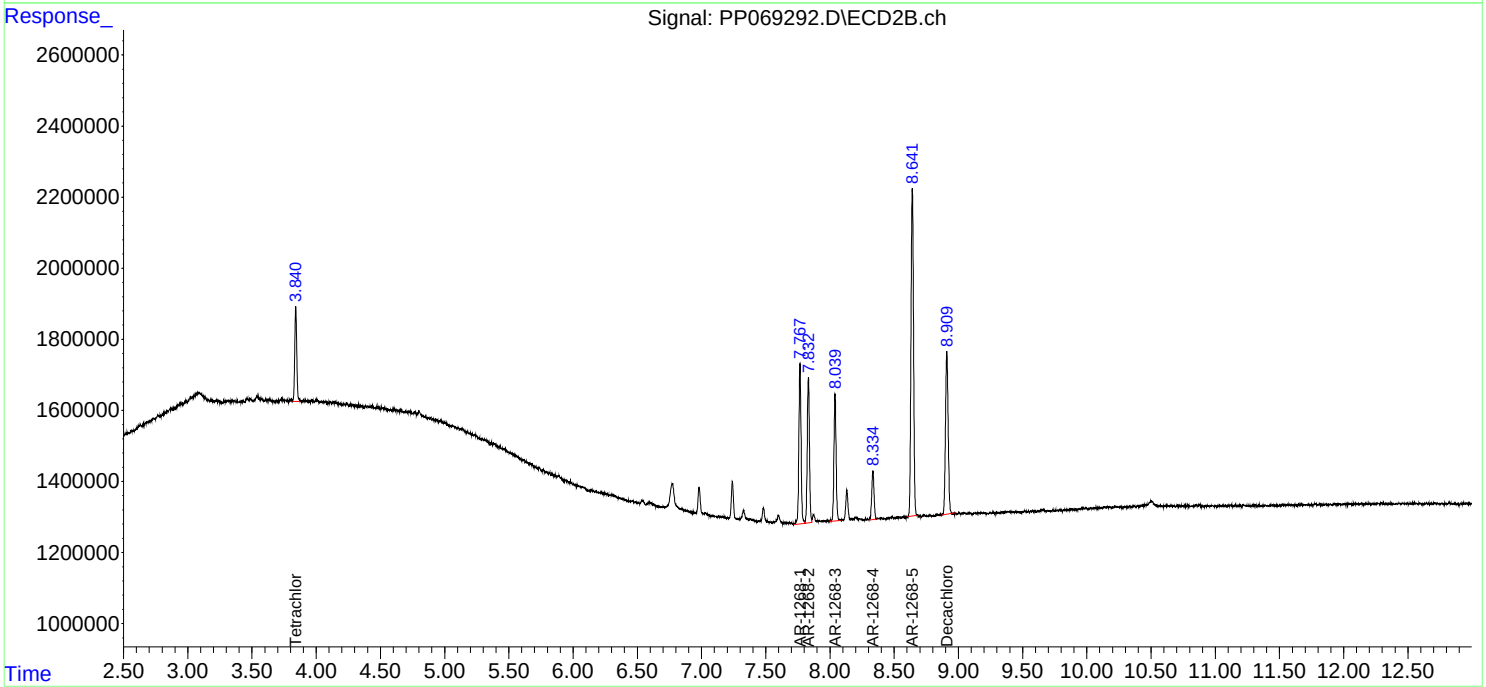
Manual Integrations APPROVED

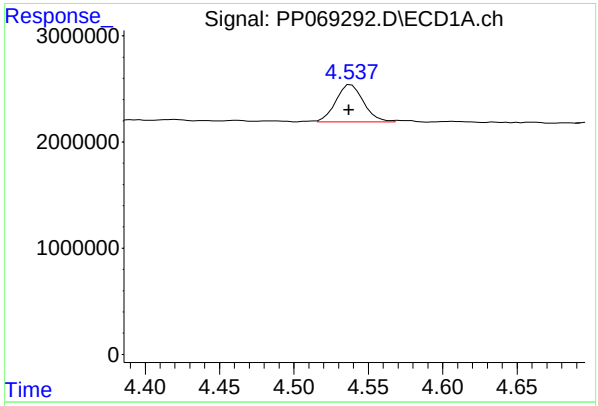
Reviewed By :Yogesh Patel 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025

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

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







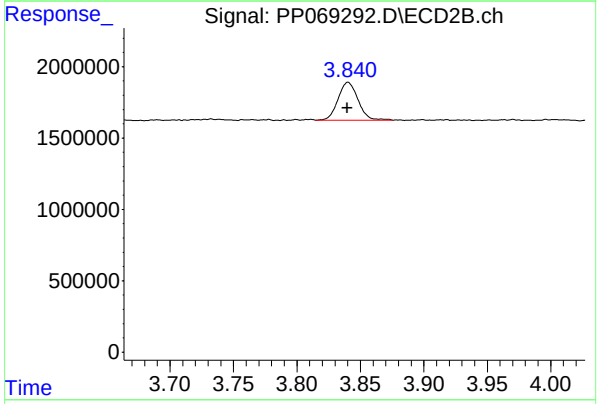
#1 Tetrachloro-m-xylene

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

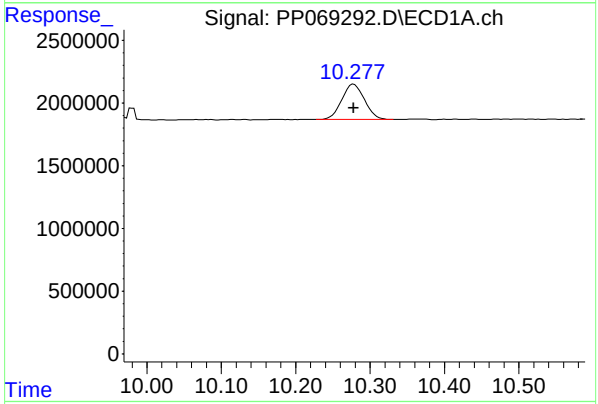
Manual Integrations
APPROVED

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



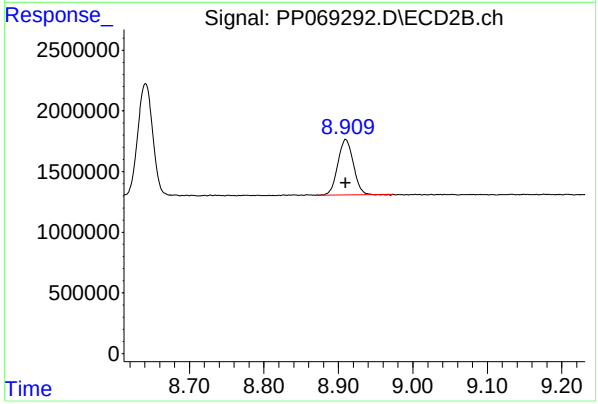
#1 Tetrachloro-m-xylene

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



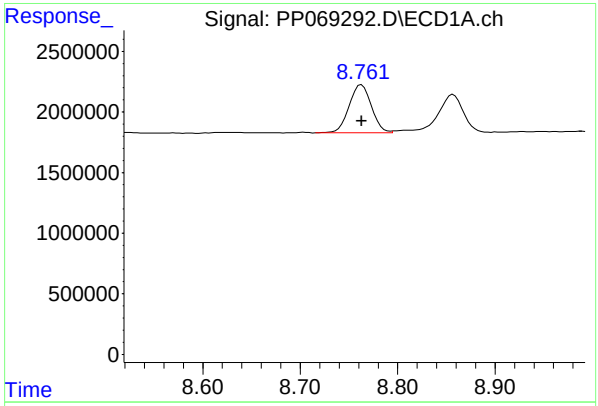
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

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



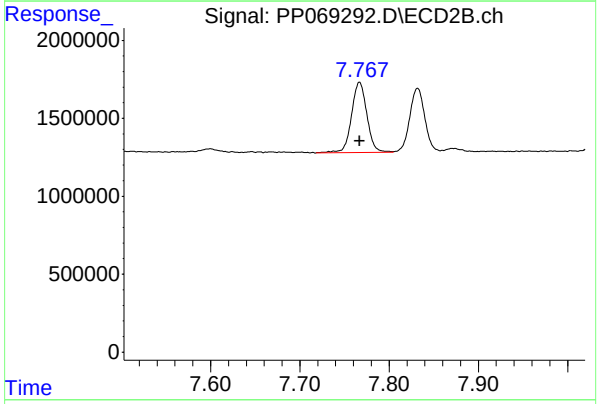
#41 AR-1268-1

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

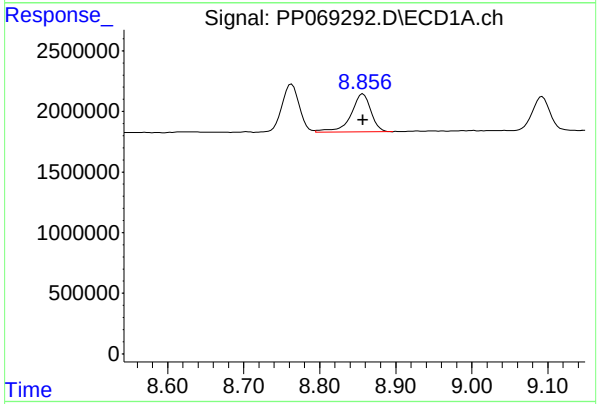
Manual Integrations APPROVED

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



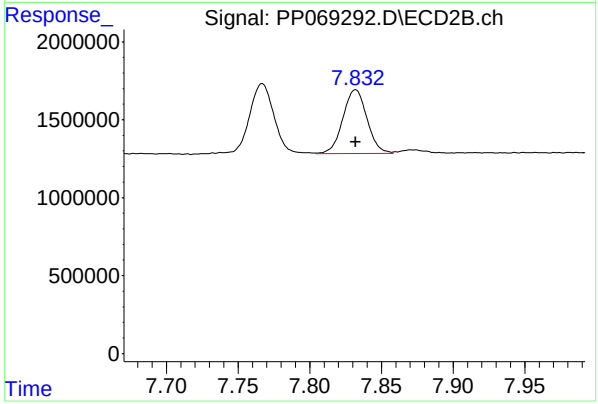
#41 AR-1268-1

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



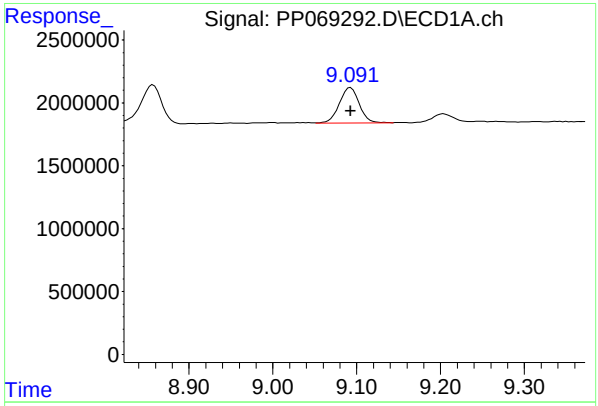
#42 AR-1268-2

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



#42 AR-1268-2

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



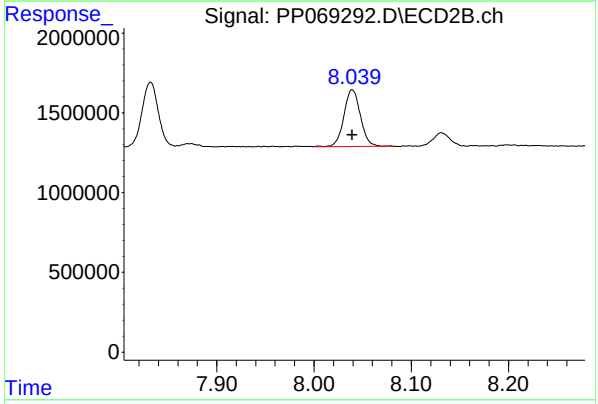
#43 AR-1268-3

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

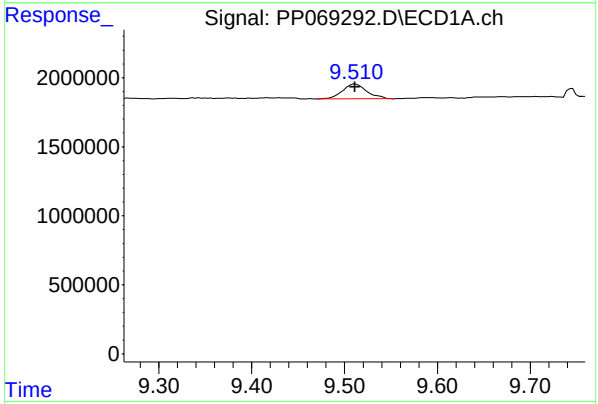
Manual Integrations APPROVED

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



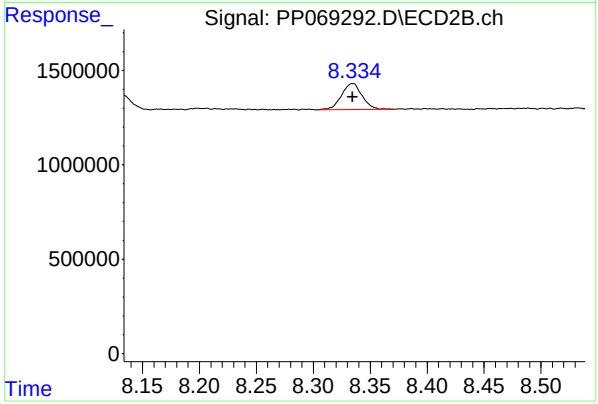
#43 AR-1268-3

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



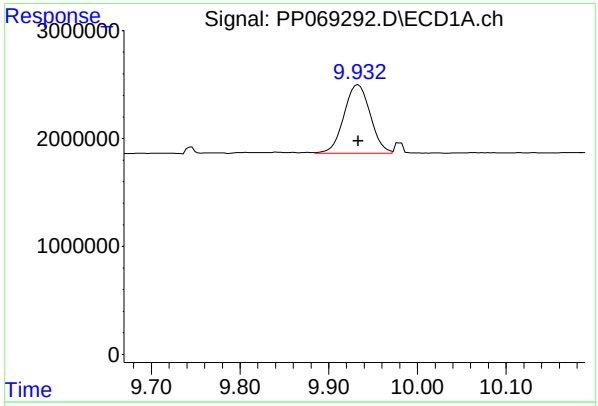
#44 AR-1268-4

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



#44 AR-1268-4

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



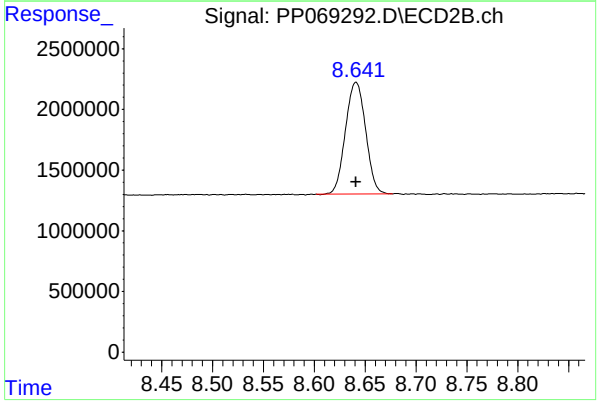
#45 AR-1268-5

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

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



#45 AR-1268-5

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

Quantitation Report (QT Reviewed)

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

Instrument :
ECD_P
ClientSampleId :
ICVPP012825

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

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

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

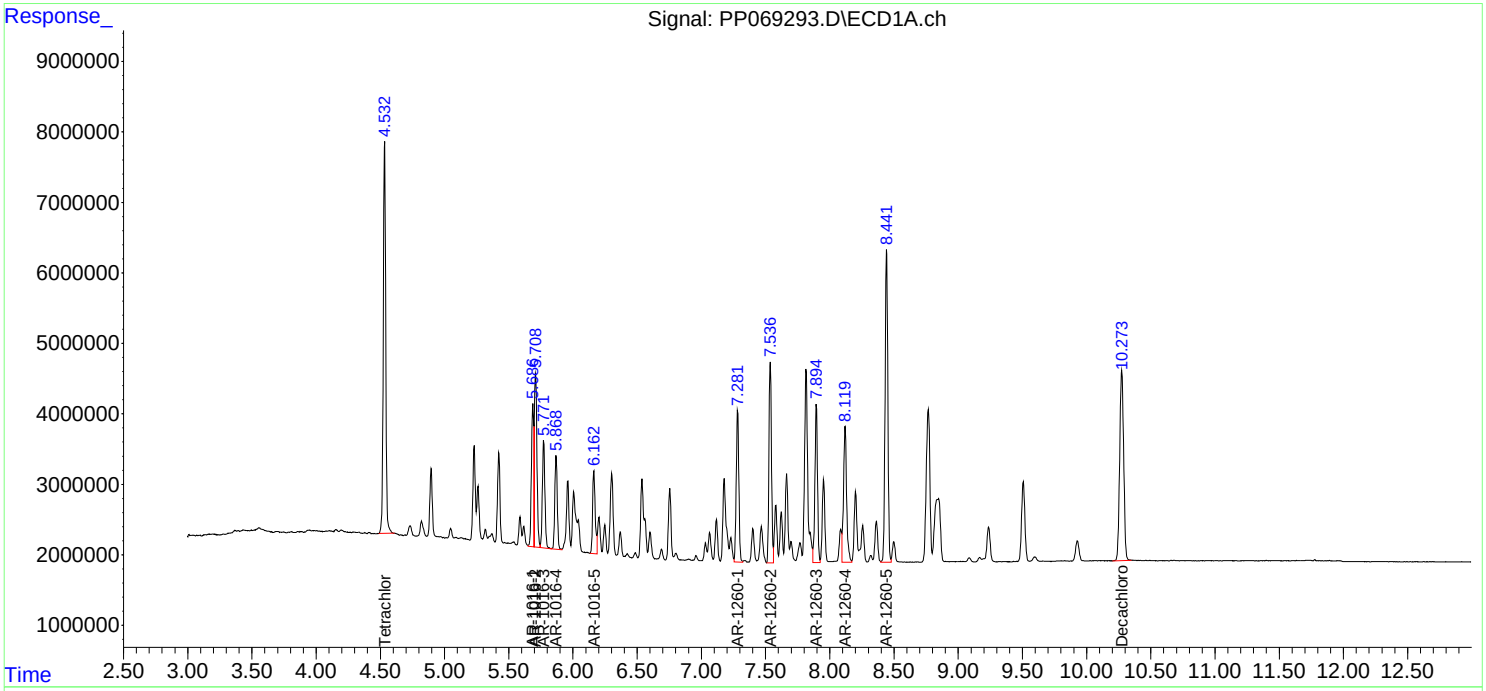
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

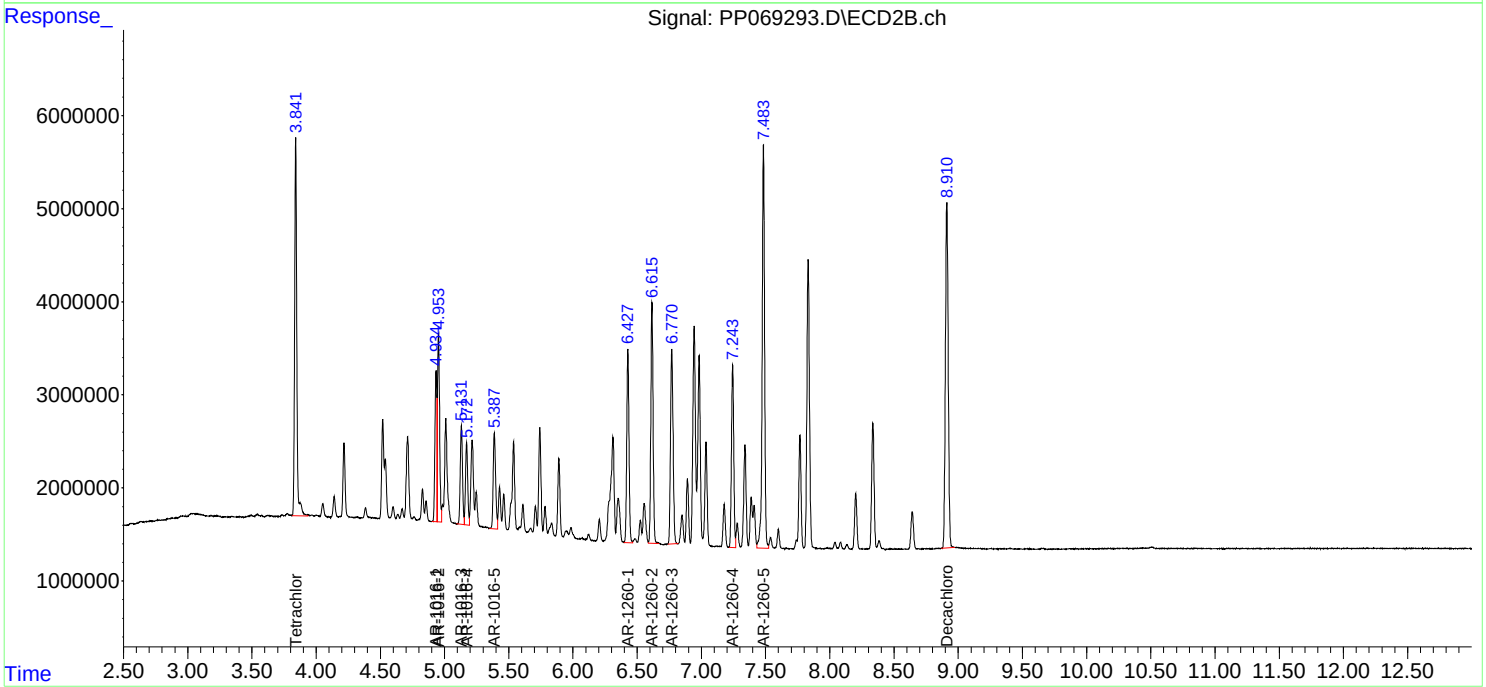
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:47
Operator : YP\AJ
Sample : PP012825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

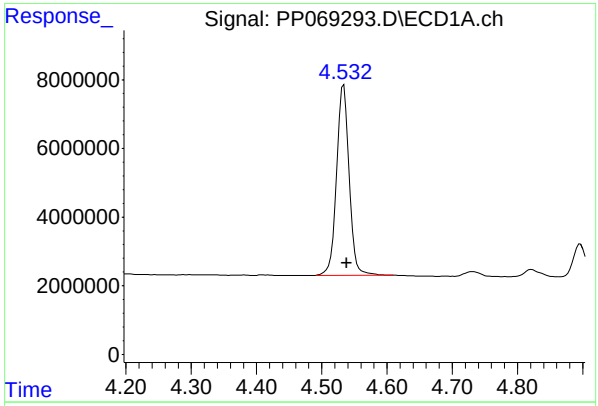
Instrument :
ECD_P
ClientSampleId :
ICVPP012825

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

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



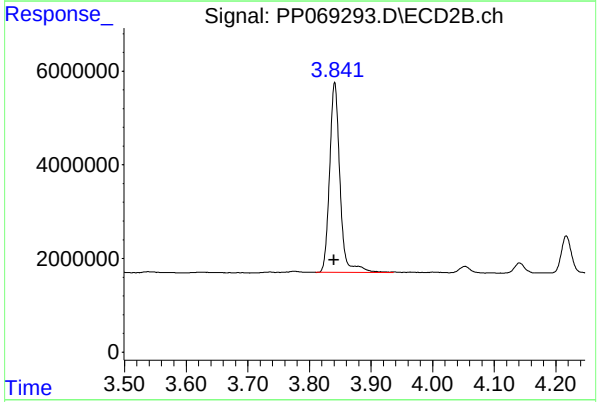




#1 Tetrachloro-m-xylene

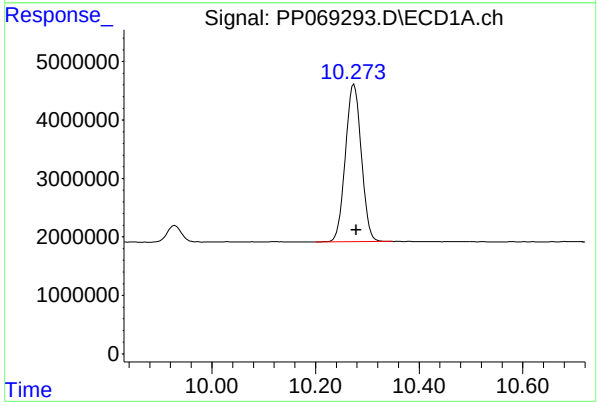
R.T.: 4.534 min
Delta R.T.: -0.004 min
Response: 74230451
Conc: 51.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



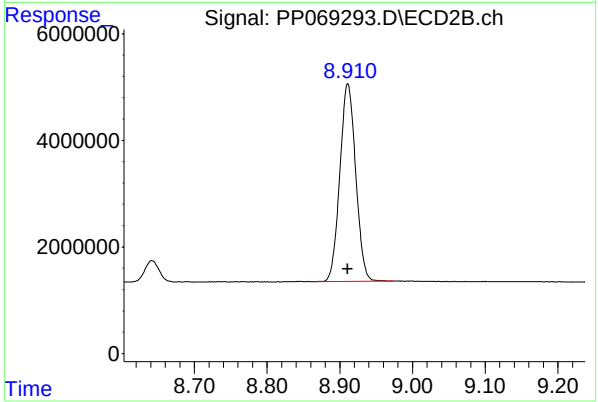
#1 Tetrachloro-m-xylene

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



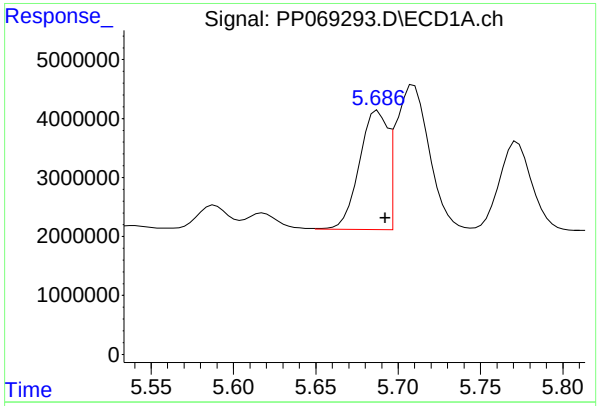
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

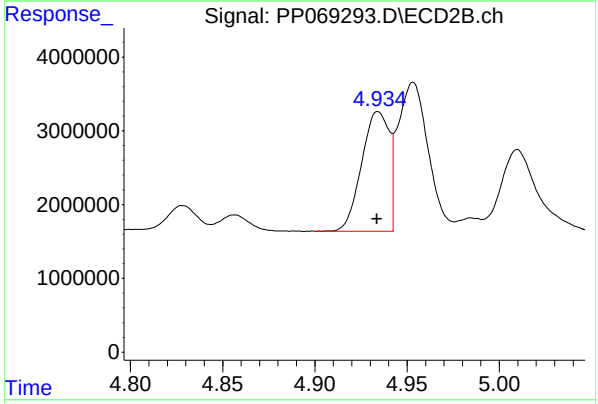
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 56187297
Conc: 50.24 ng/ml



#3 AR-1016-1

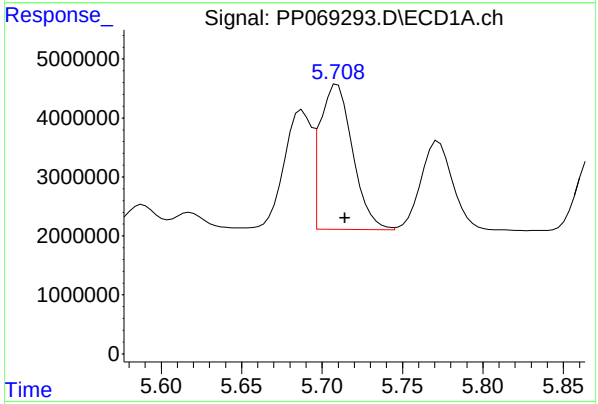
R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 24061581
Conc: 519.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



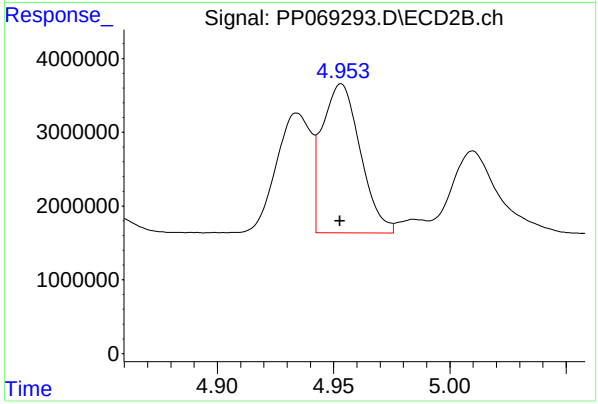
#3 AR-1016-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 16845536
Conc: 516.50 ng/ml



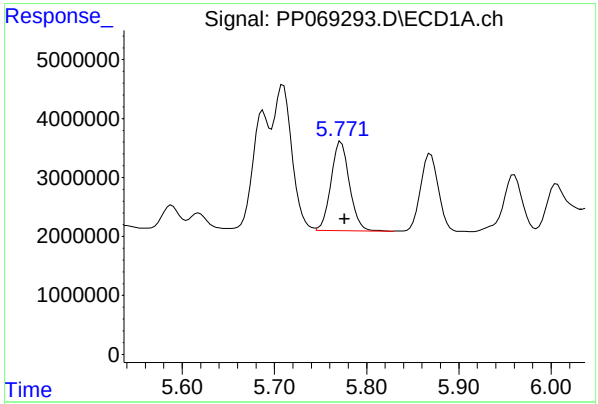
#4 AR-1016-2

R.T.: 5.709 min
Delta R.T.: -0.005 min
Response: 34728146
Conc: 511.63 ng/ml



#4 AR-1016-2

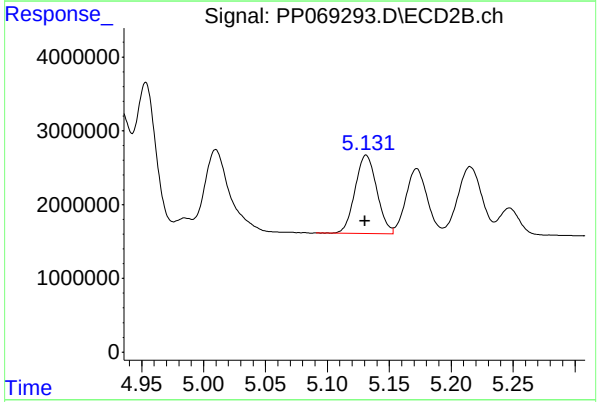
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 23100033
Conc: 513.81 ng/ml



#5 AR-1016-3

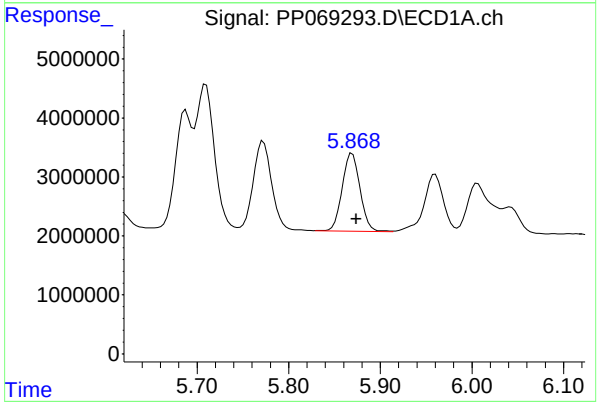
R.T.: 5.772 min
Delta R.T.: -0.004 min
Response: 21101112
Conc: 495.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



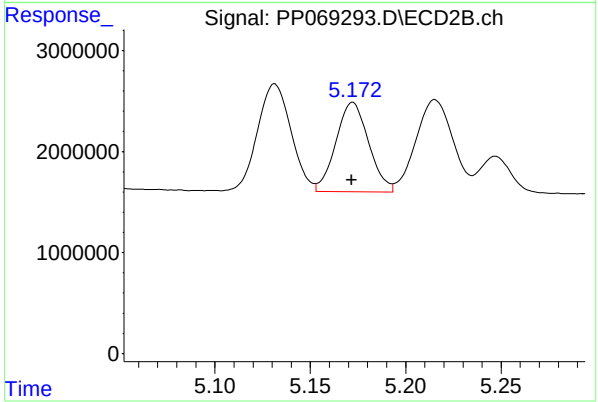
#5 AR-1016-3

R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 12951595
Conc: 520.48 ng/ml



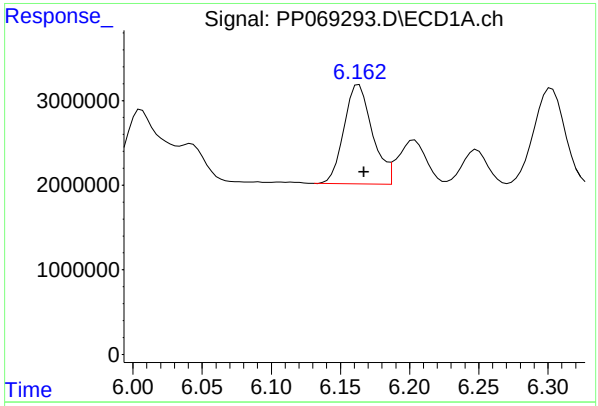
#6 AR-1016-4

R.T.: 5.869 min
Delta R.T.: -0.005 min
Response: 18055342
Conc: 515.86 ng/ml



#6 AR-1016-4

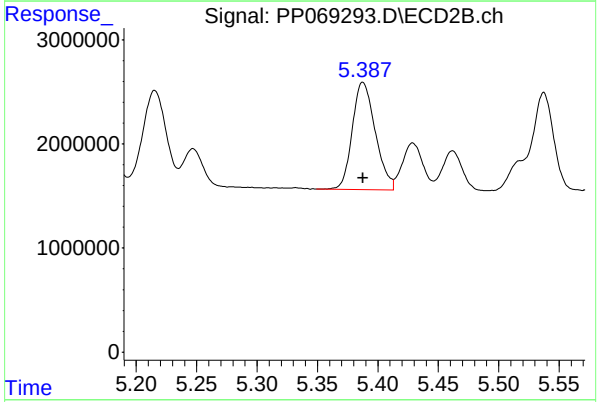
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 10646965
Conc: 527.17 ng/ml



#7 AR-1016-5

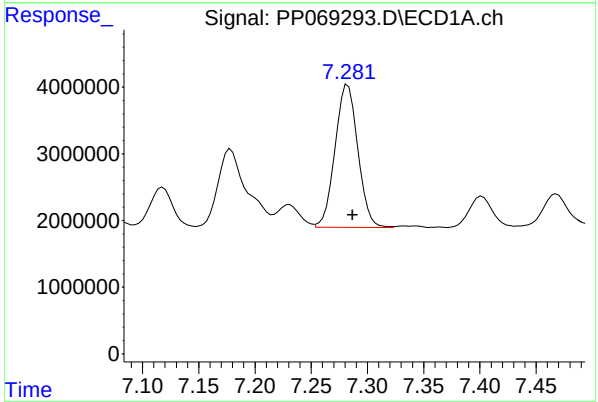
R.T.: 6.163 min
Delta R.T.: -0.004 min
Response: 16717226
Conc: 505.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



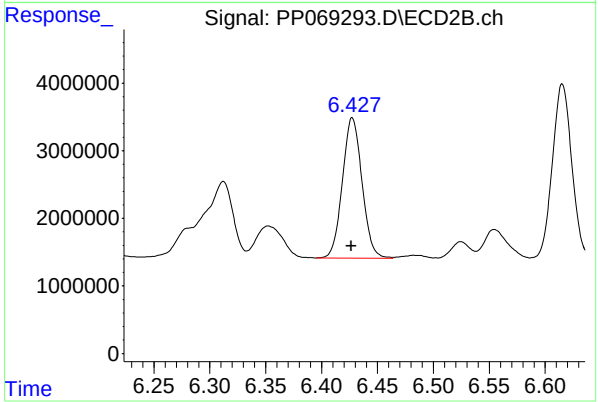
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 13663941
Conc: 509.39 ng/ml



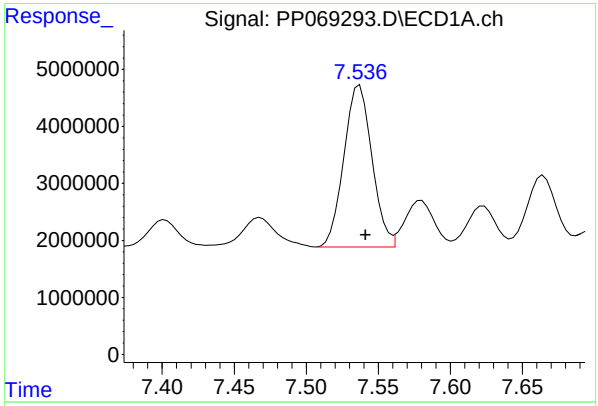
#31 AR-1260-1

R.T.: 7.283 min
Delta R.T.: -0.004 min
Response: 30214710
Conc: 517.05 ng/ml



#31 AR-1260-1

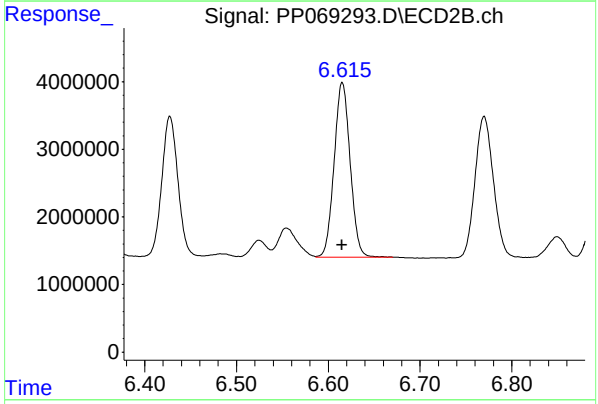
R.T.: 6.427 min
Delta R.T.: 0.000 min
Response: 25313813
Conc: 524.86 ng/ml



#32 AR-1260-2

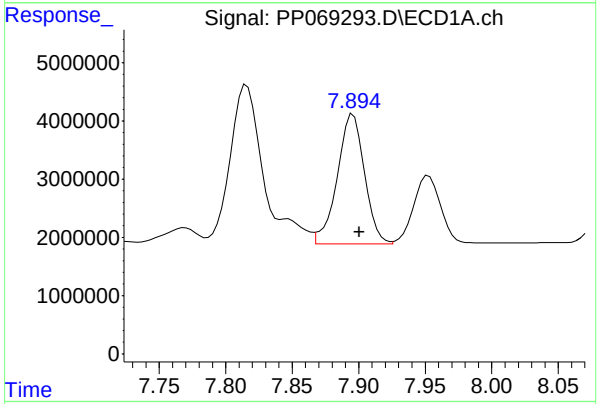
R.T.: 7.537 min
Delta R.T.: -0.004 min
Response: 38414643
Conc: 493.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



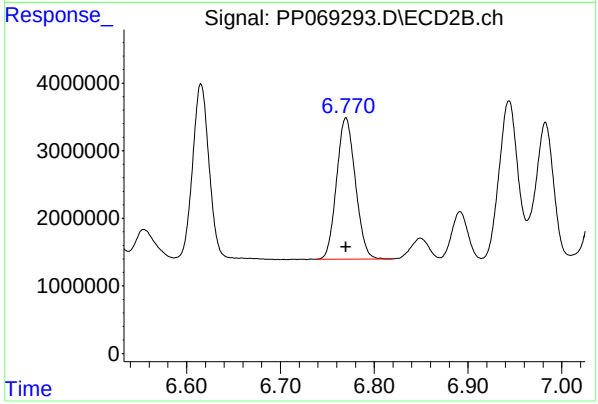
#32 AR-1260-2

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 31274552
Conc: 510.16 ng/ml



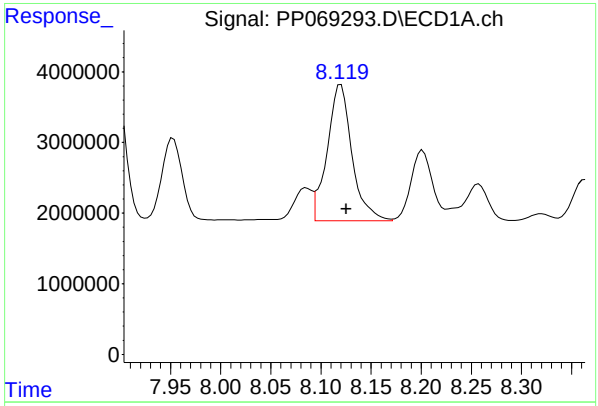
#33 AR-1260-3

R.T.: 7.896 min
Delta R.T.: -0.005 min
Response: 31738047
Conc: 507.65 ng/ml



#33 AR-1260-3

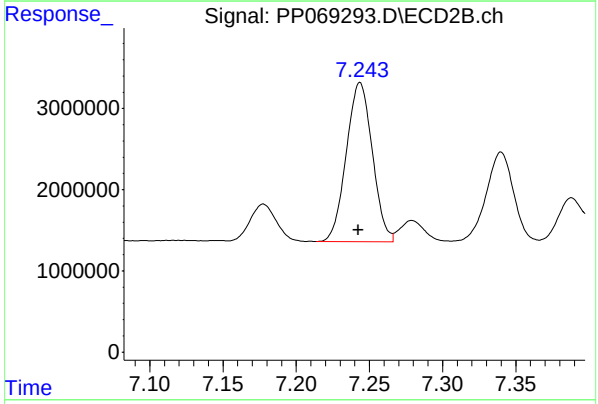
R.T.: 6.770 min
Delta R.T.: 0.000 min
Response: 29037300
Conc: 482.70 ng/ml



#34 AR-1260-4

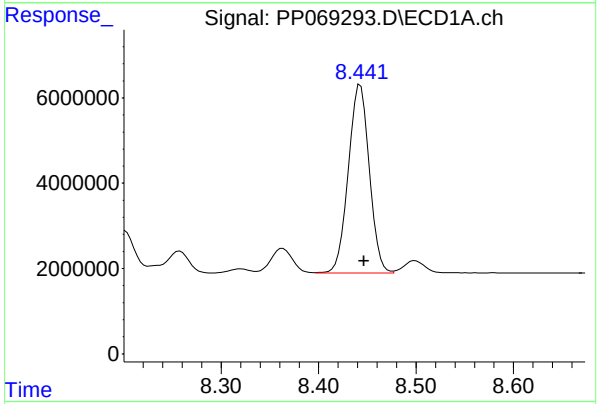
R.T.: 8.120 min
Delta R.T.: -0.005 min
Response: 33029814
Conc: 500.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825



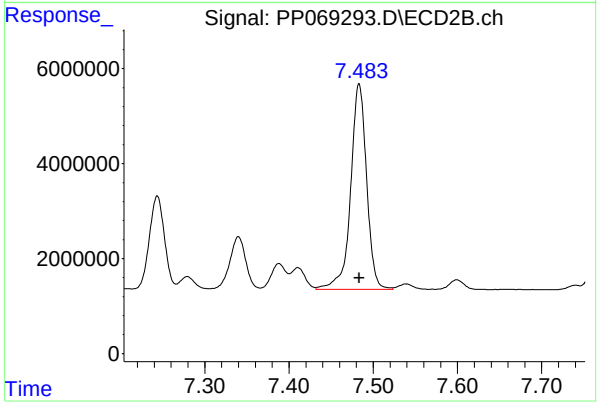
#34 AR-1260-4

R.T.: 7.244 min
Delta R.T.: 0.001 min
Response: 24263249
Conc: 522.15 ng/ml



#35 AR-1260-5

R.T.: 8.443 min
Delta R.T.: -0.004 min
Response: 66012339
Conc: 504.20 ng/ml



#35 AR-1260-5

R.T.: 7.483 min
Delta R.T.: 0.000 min
Response: 57109170
Conc: 513.83 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:03
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 18:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.538	3.840	73528508	45074660	51.365	50.502
2)	SA Decachlor...	10.279	8.910	55006808	53974487	50.331	48.257
	Target Compounds						
16)	L4 AR-1242-1	5.692	4.933	19485743	14591085	467.225	506.072
17)	L4 AR-1242-2	5.714	4.952	30104171	19350019	510.319	491.145
18)	L4 AR-1242-3	5.777	5.131	18082829	11274965	487.426	501.019
19)	L4 AR-1242-4	5.874	5.215	15605992	10907868	475.870	505.409
20)	L4 AR-1242-5	6.605	5.741	17080730	14269255	524.201	496.005

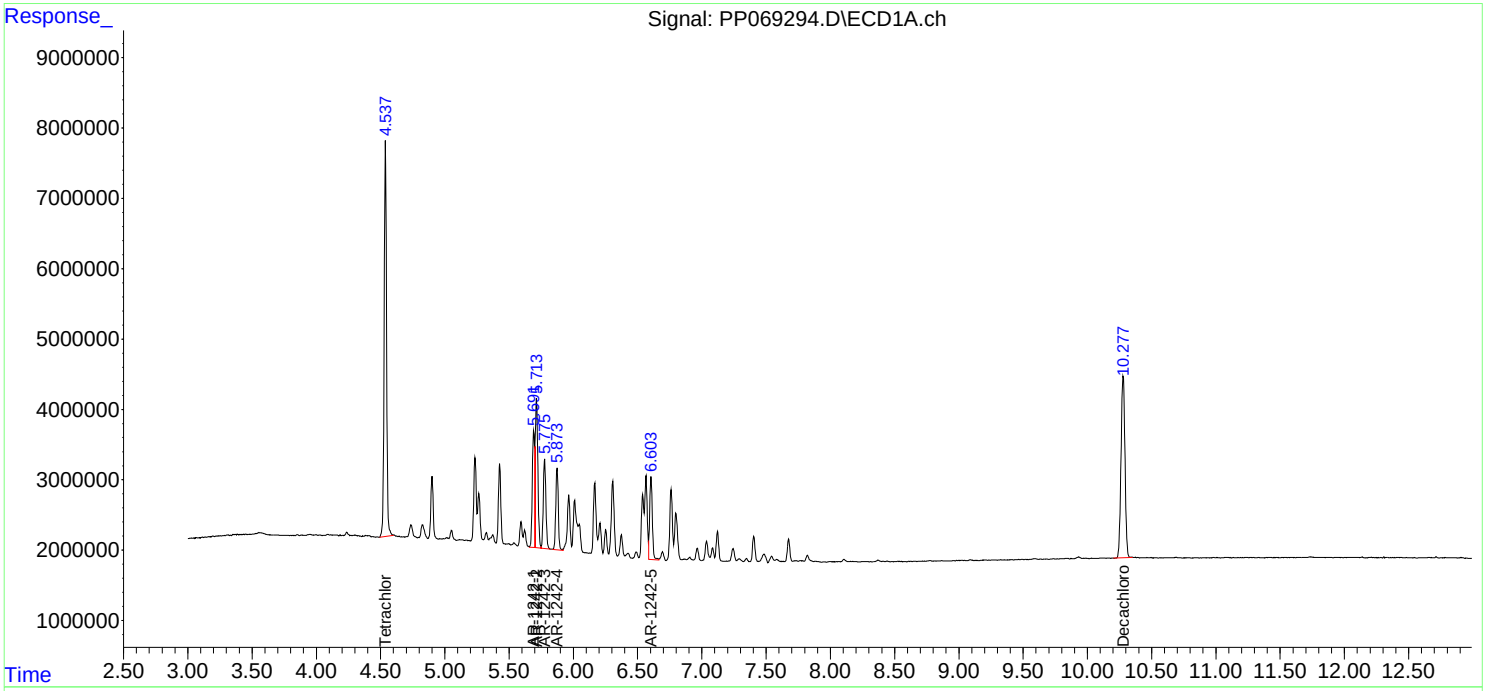
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

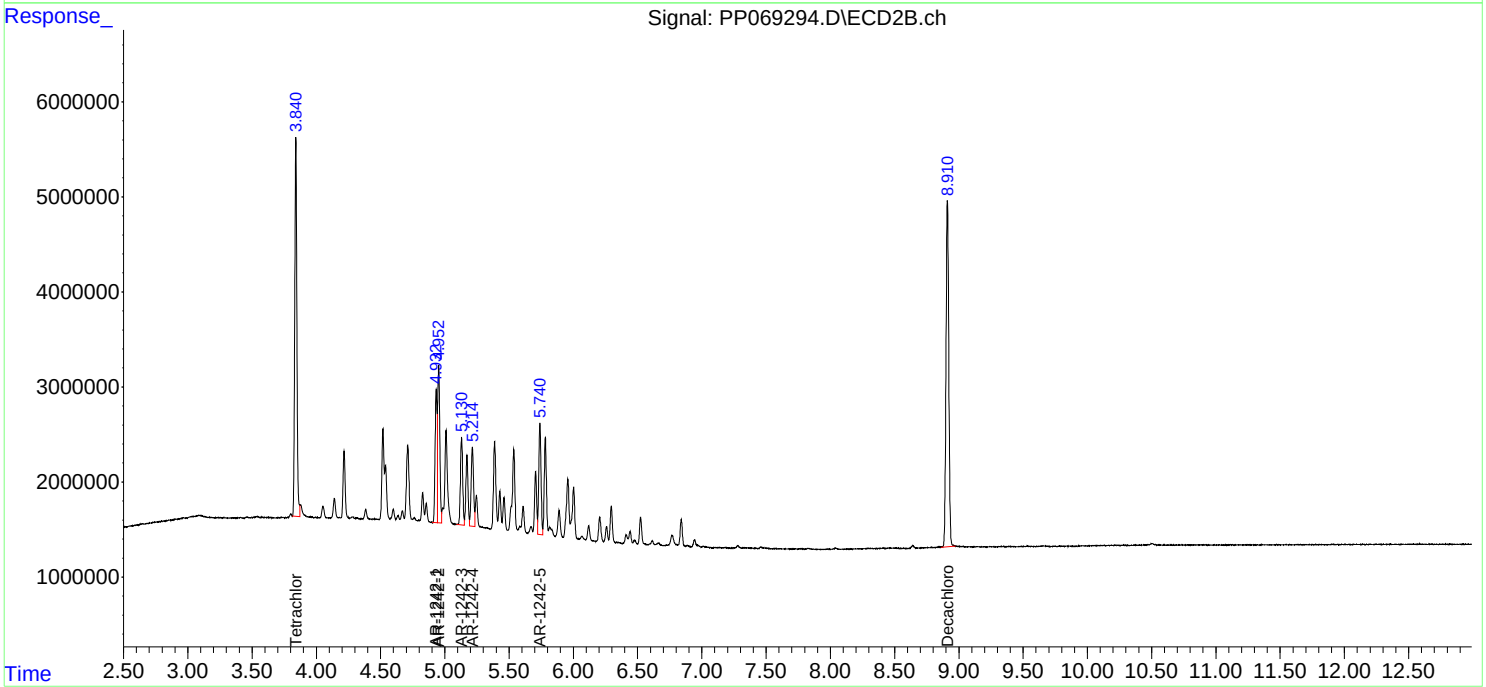
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:03
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

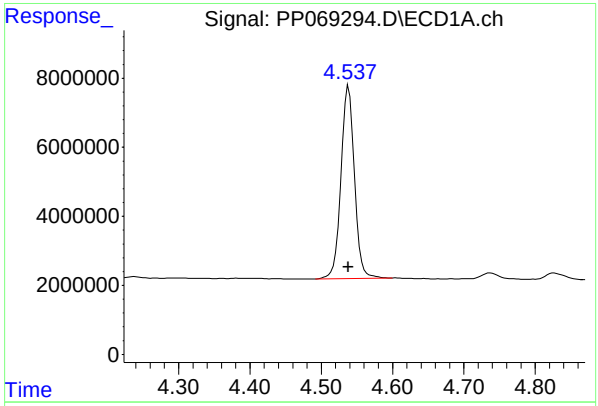
Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 18:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



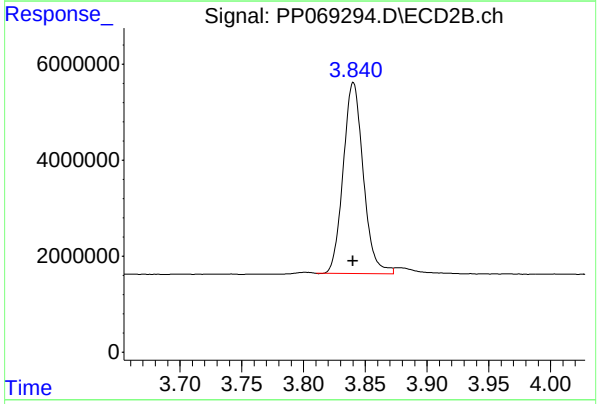




#1 Tetrachloro-m-xylene

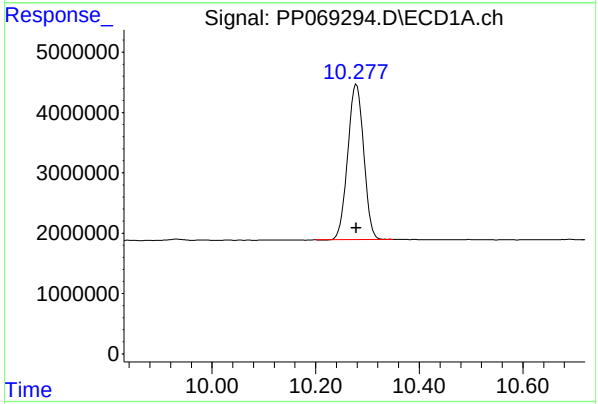
R.T.: 4.538 min
Delta R.T.: 0.000 min
Response: 73528508
Conc: 51.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242



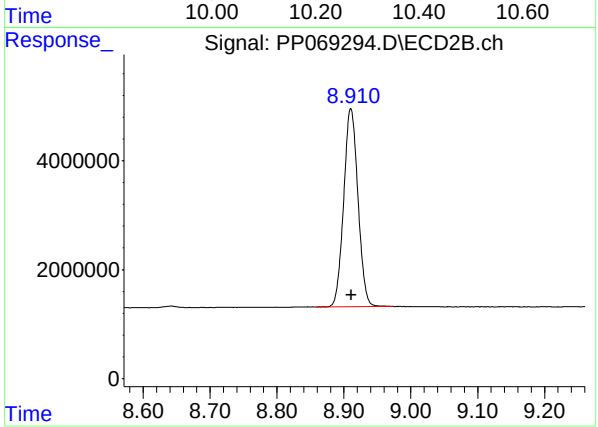
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 45074660
Conc: 50.50 ng/ml



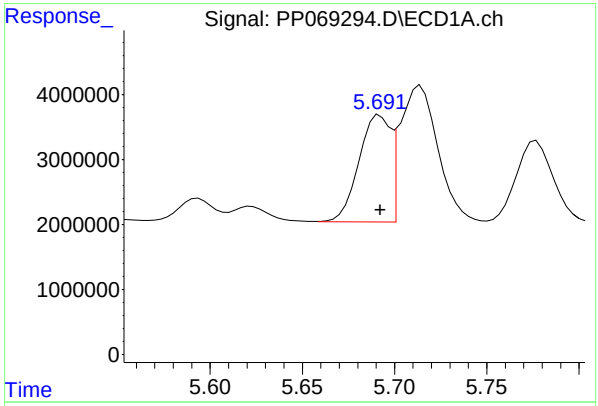
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 55006808
Conc: 50.33 ng/ml



#2 Decachlorobiphenyl

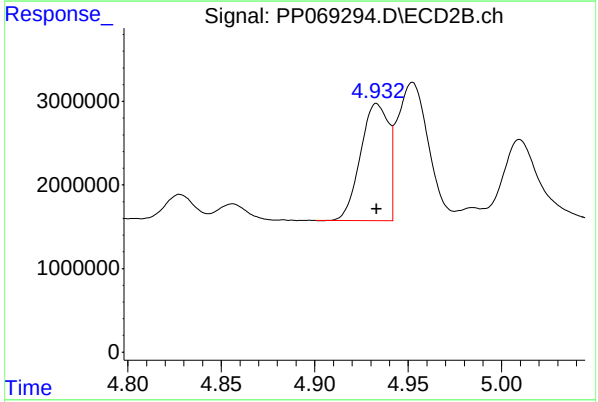
R.T.: 8.910 min
Delta R.T.: 0.000 min
Response: 53974487
Conc: 48.26 ng/ml



#16 AR-1242-1

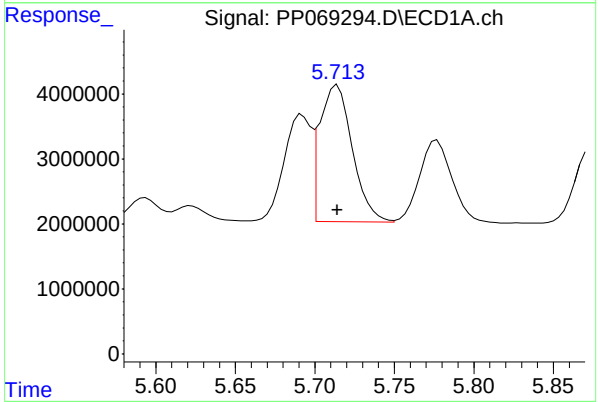
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 19485743
Conc: 467.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242



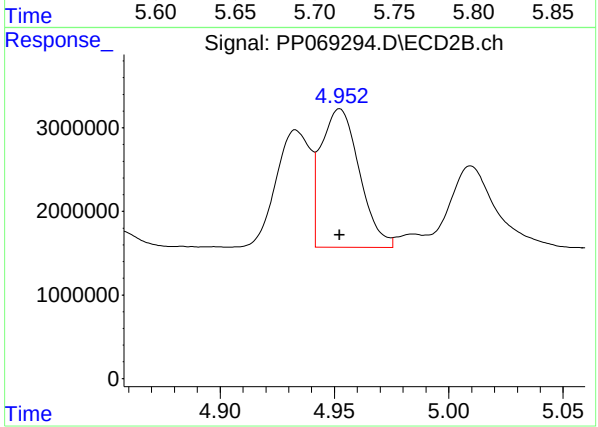
#16 AR-1242-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 14591085
Conc: 506.07 ng/ml



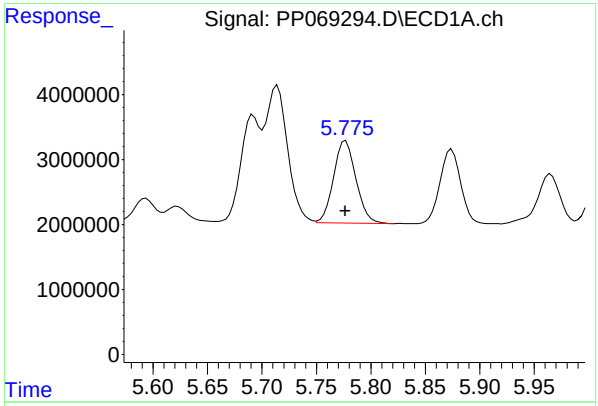
#17 AR-1242-2

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 30104171
Conc: 510.32 ng/ml



#17 AR-1242-2

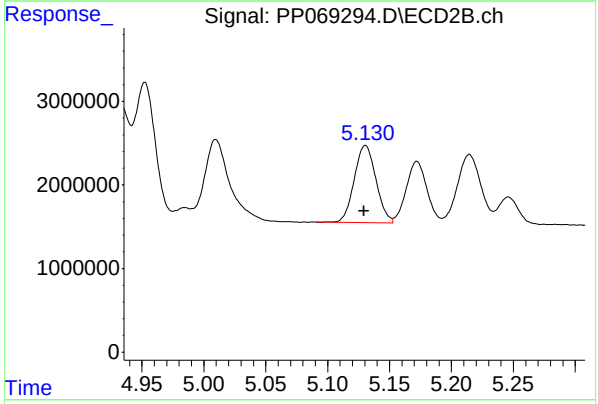
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 19350019
Conc: 491.15 ng/ml



#18 AR-1242-3

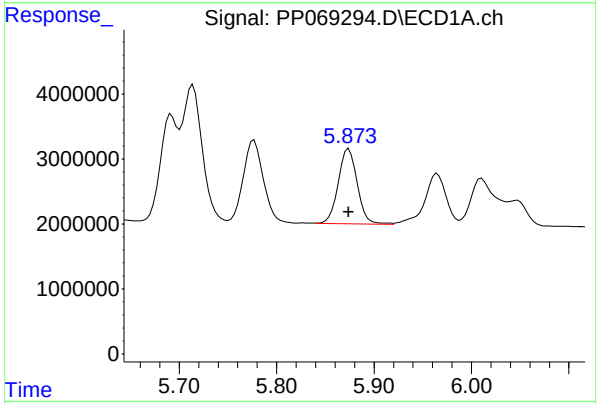
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 18082829
Conc: 487.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242



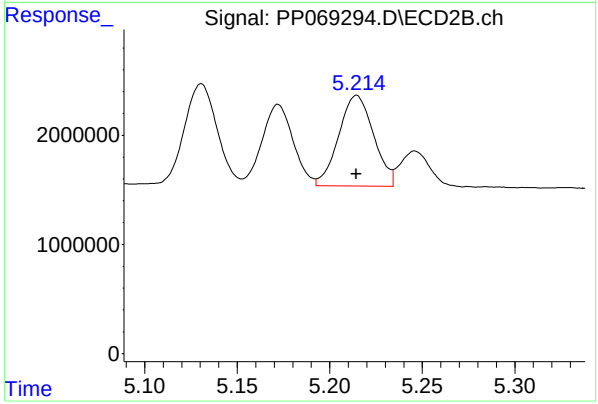
#18 AR-1242-3

R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 11274965
Conc: 501.02 ng/ml



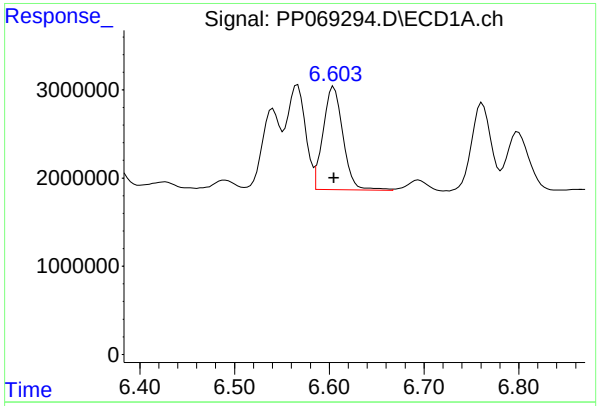
#19 AR-1242-4

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 15605992
Conc: 475.87 ng/ml



#19 AR-1242-4

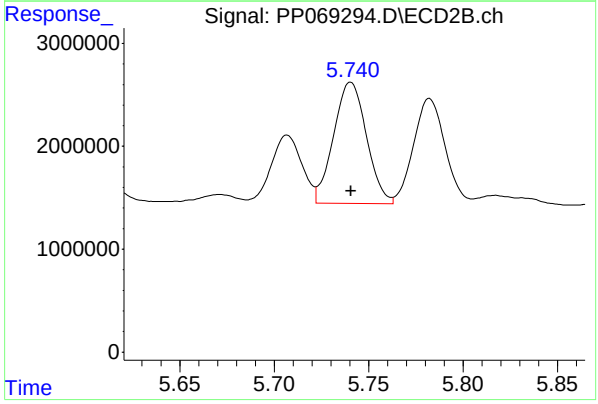
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 10907868
Conc: 505.41 ng/ml



#20 AR-1242-5

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 17080730
Conc: 524.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1242



#20 AR-1242-5

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 14269255
Conc: 496.01 ng/ml

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:19
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.536	3.840	73116696	46870709	51.078	52.514
2)	SA Decachlor...	10.276	8.911	54874423	54998654	50.210	49.172
	Target Compounds						
21)	L5 AR-1248-1	5.689	4.933	15598439	11058451	480.854	502.416
22)	L5 AR-1248-2	5.962	5.171	21644853	14938470	509.934	496.879
23)	L5 AR-1248-3	6.165	5.214	23663172	15456967	503.609	498.865
24)	L5 AR-1248-4	6.564	5.387	28089077	18100081	509.587	489.937
25)	L5 AR-1248-5	6.603	5.782	26798161	19153345	501.991	512.267

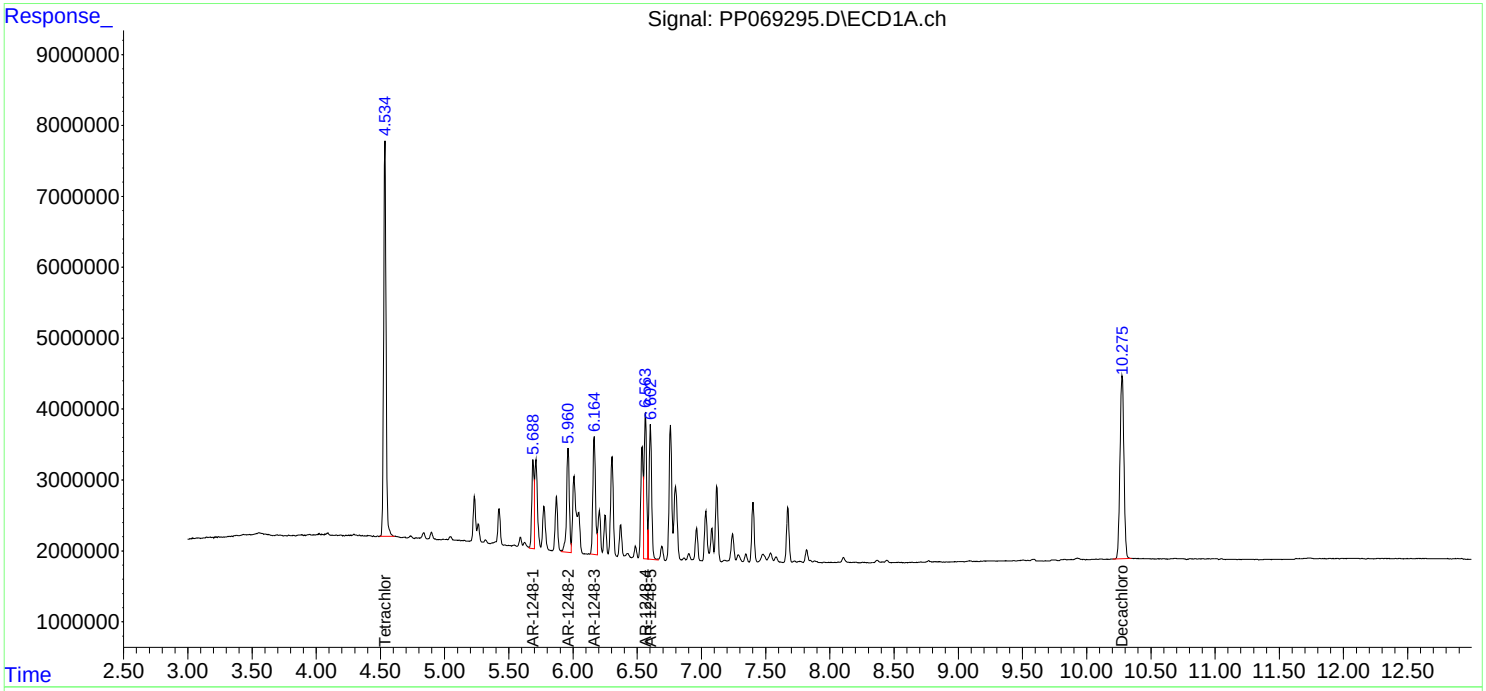
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

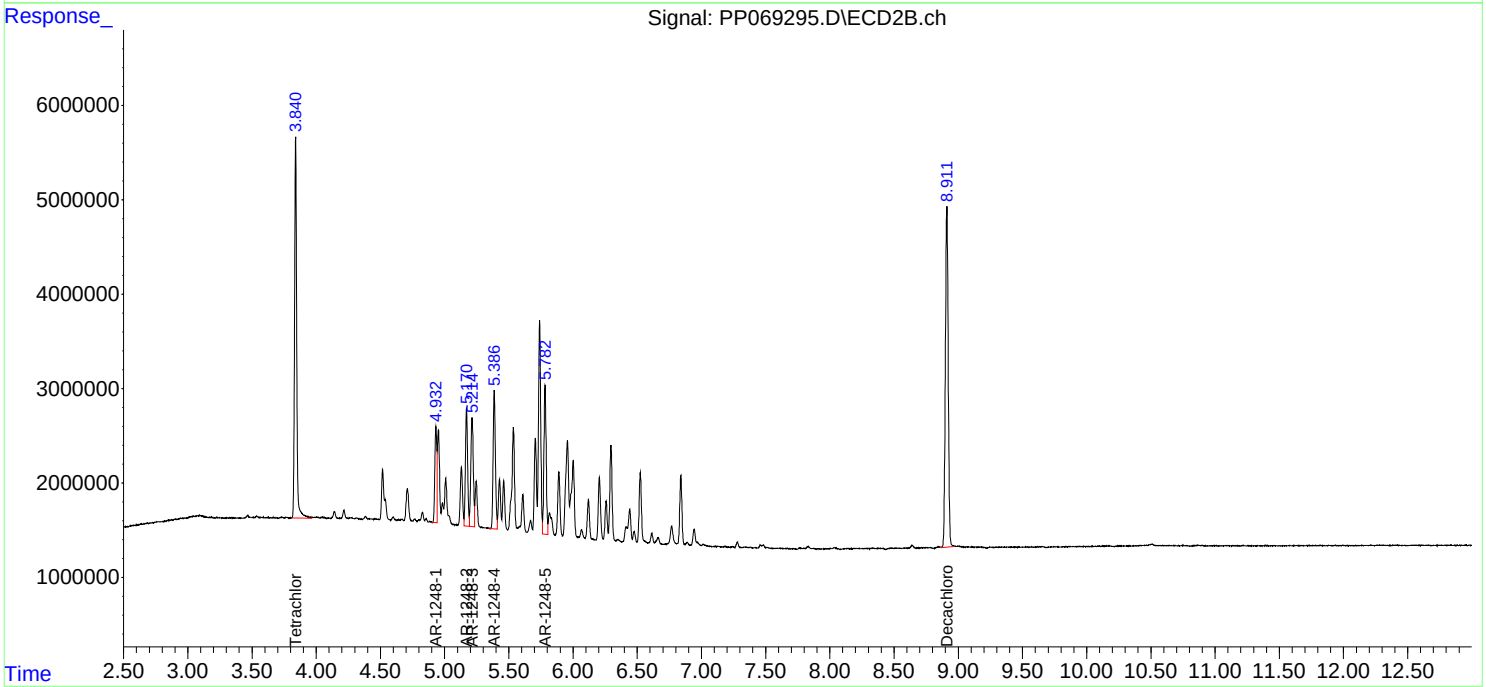
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:19
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

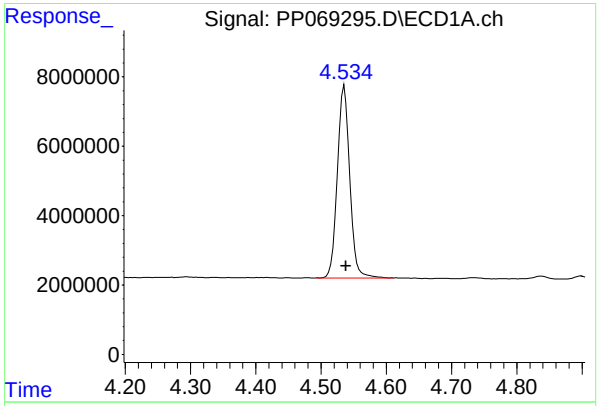
Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:02:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



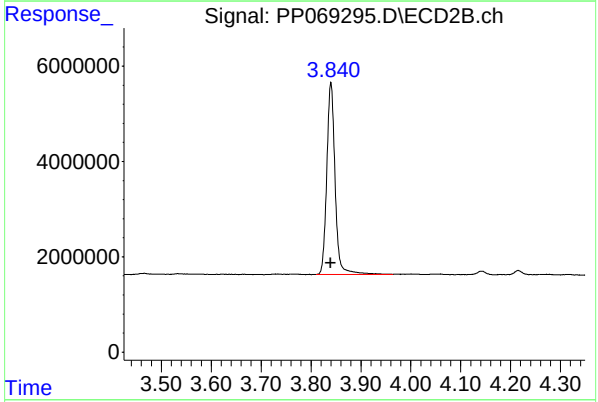




#1 Tetrachloro-m-xylene

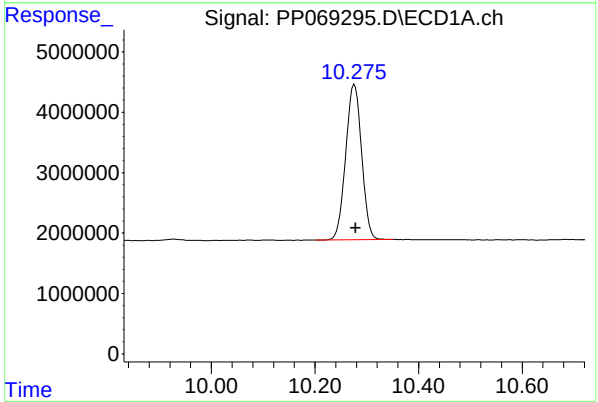
R.T.: 4.536 min
Delta R.T.: -0.002 min
Response: 73116696
Conc: 51.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248



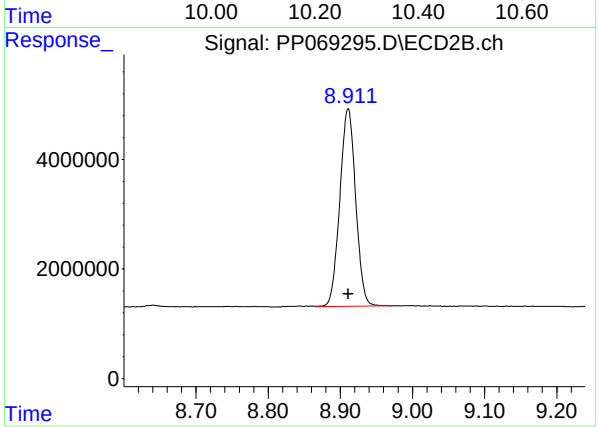
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 46870709
Conc: 52.51 ng/ml



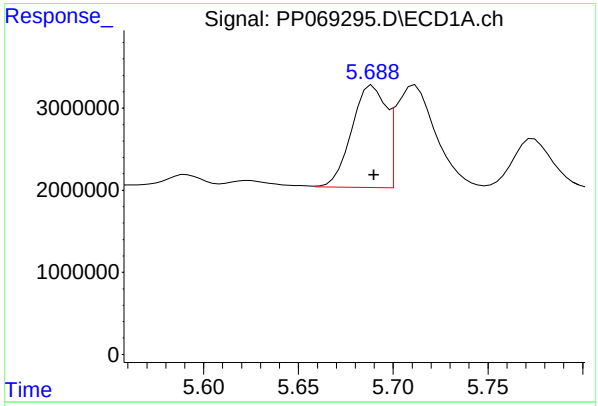
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: -0.002 min
Response: 54874423
Conc: 50.21 ng/ml



#2 Decachlorobiphenyl

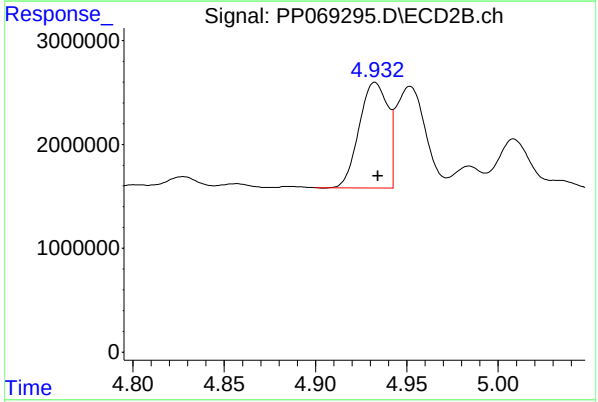
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 54998654
Conc: 49.17 ng/ml



#21 AR-1248-1

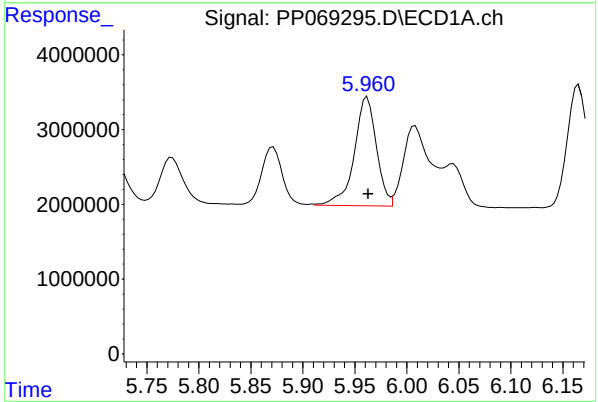
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 15598439
Conc: 480.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248



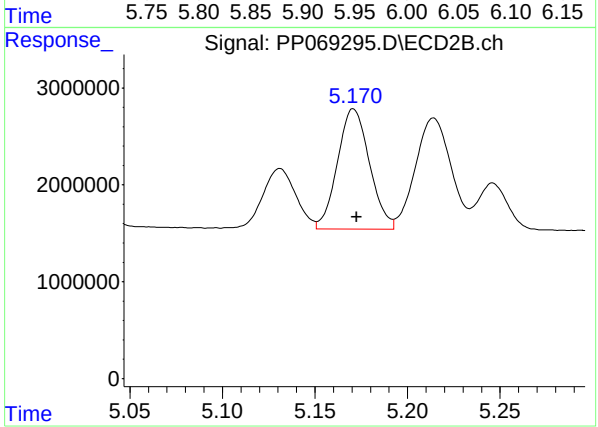
#21 AR-1248-1

R.T.: 4.933 min
Delta R.T.: -0.001 min
Response: 11058451
Conc: 502.42 ng/ml



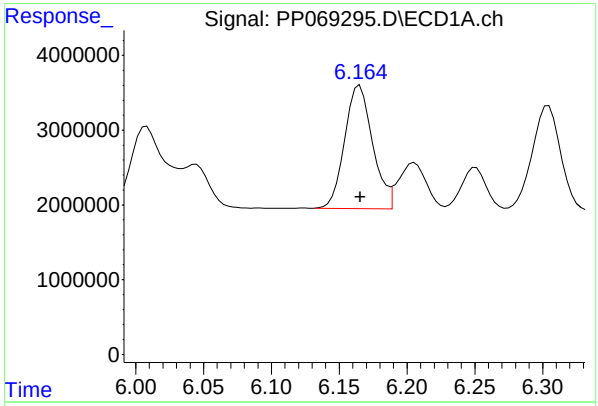
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 21644853
Conc: 509.93 ng/ml



#22 AR-1248-2

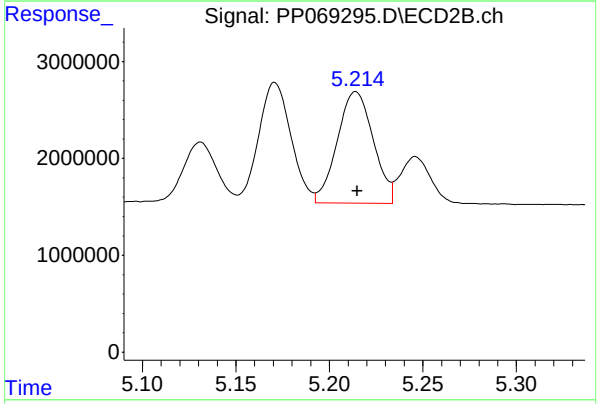
R.T.: 5.171 min
Delta R.T.: -0.002 min
Response: 14938470
Conc: 496.88 ng/ml



#23 AR-1248-3

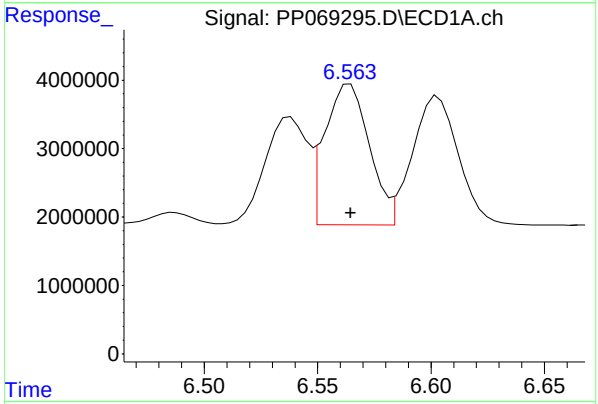
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 23663172
Conc: 503.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248



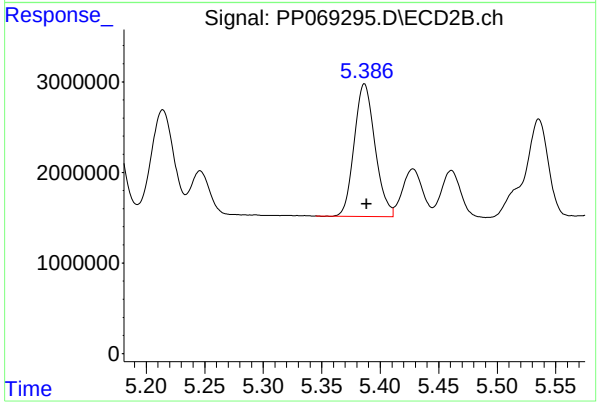
#23 AR-1248-3

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 15456967
Conc: 498.86 ng/ml



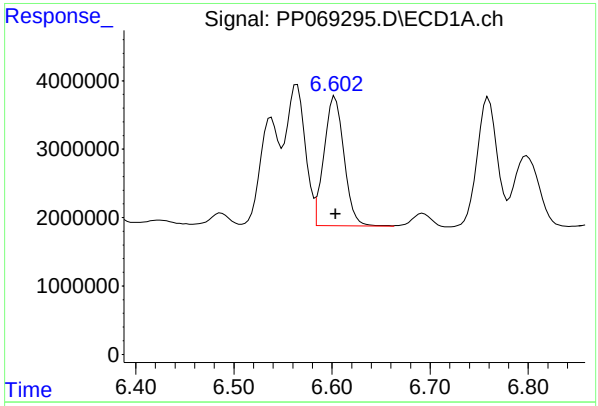
#24 AR-1248-4

R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 28089077
Conc: 509.59 ng/ml



#24 AR-1248-4

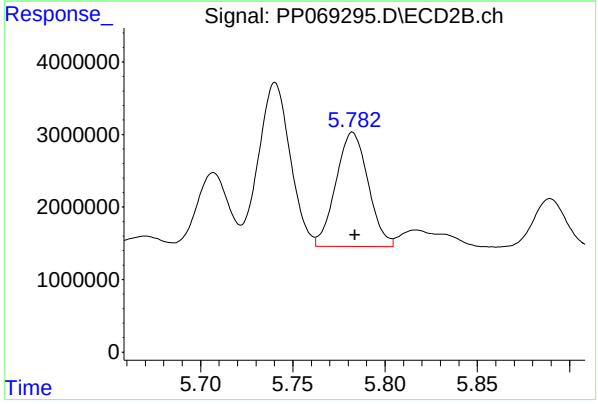
R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 18100081
Conc: 489.94 ng/ml



#25 AR-1248-5

R.T.: 6.603 min
Delta R.T.: 0.000 mi
Response: 26798161
Conc: 501.99 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1248



#25 AR-1248-5

R.T.: 5.782 min
Delta R.T.: -0.001 min
Response: 19153345
Conc: 512.27 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:36
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:02:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.535	3.841	75219849	47633402	52.547	53.368
2)	SA Decachlor...	10.276	8.911	56766283	55190324	51.941	49.344
	Target Compounds						
26)	L6 AR-1254-1	6.540	5.742	28707670	28691321	496.126	521.132
27)	L6 AR-1254-2	6.756	5.890	41367594	25067661	515.536	518.261
28)	L6 AR-1254-3	7.119	6.296	42558996	39270545	504.921	517.425
29)	L6 AR-1254-4	7.401	6.524	34204619	25829239	501.623	503.988
30)	L6 AR-1254-5	7.819	6.944	35322701	34643725	519.099	520.485

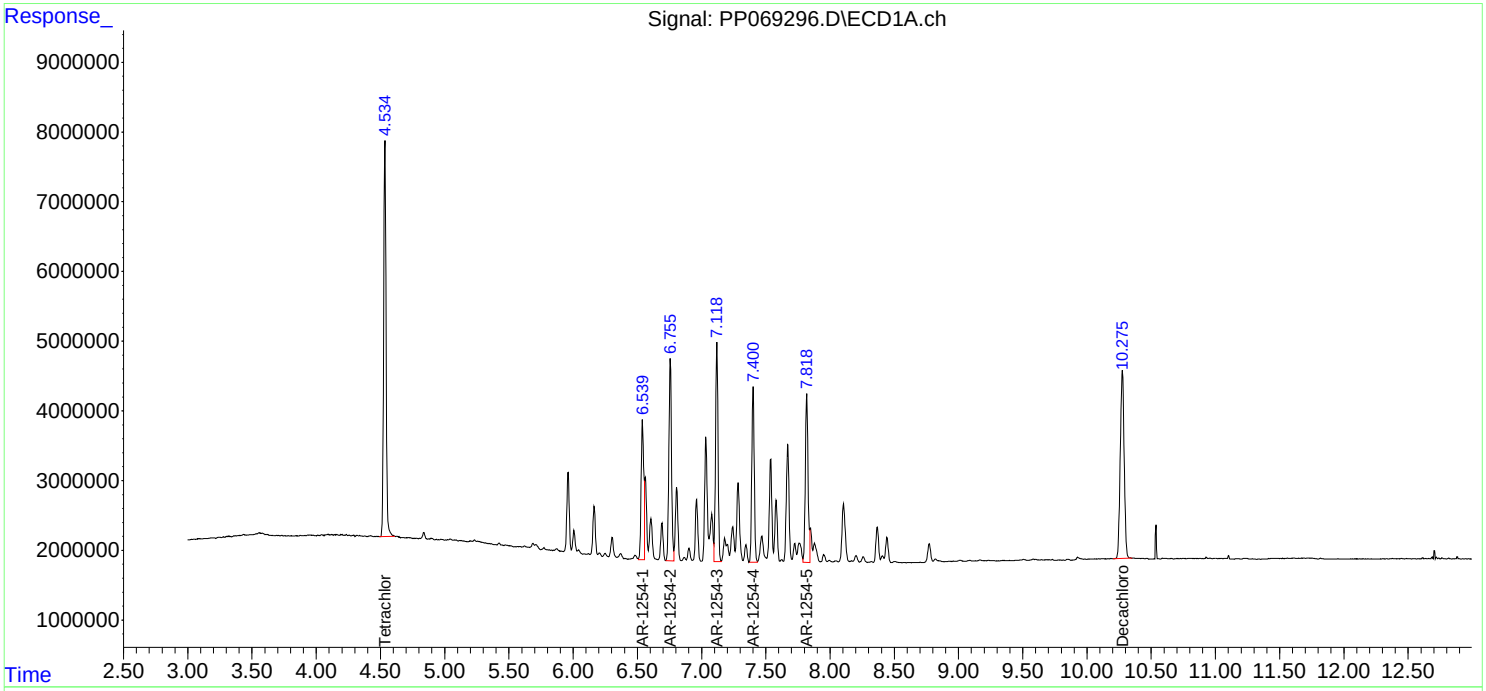
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

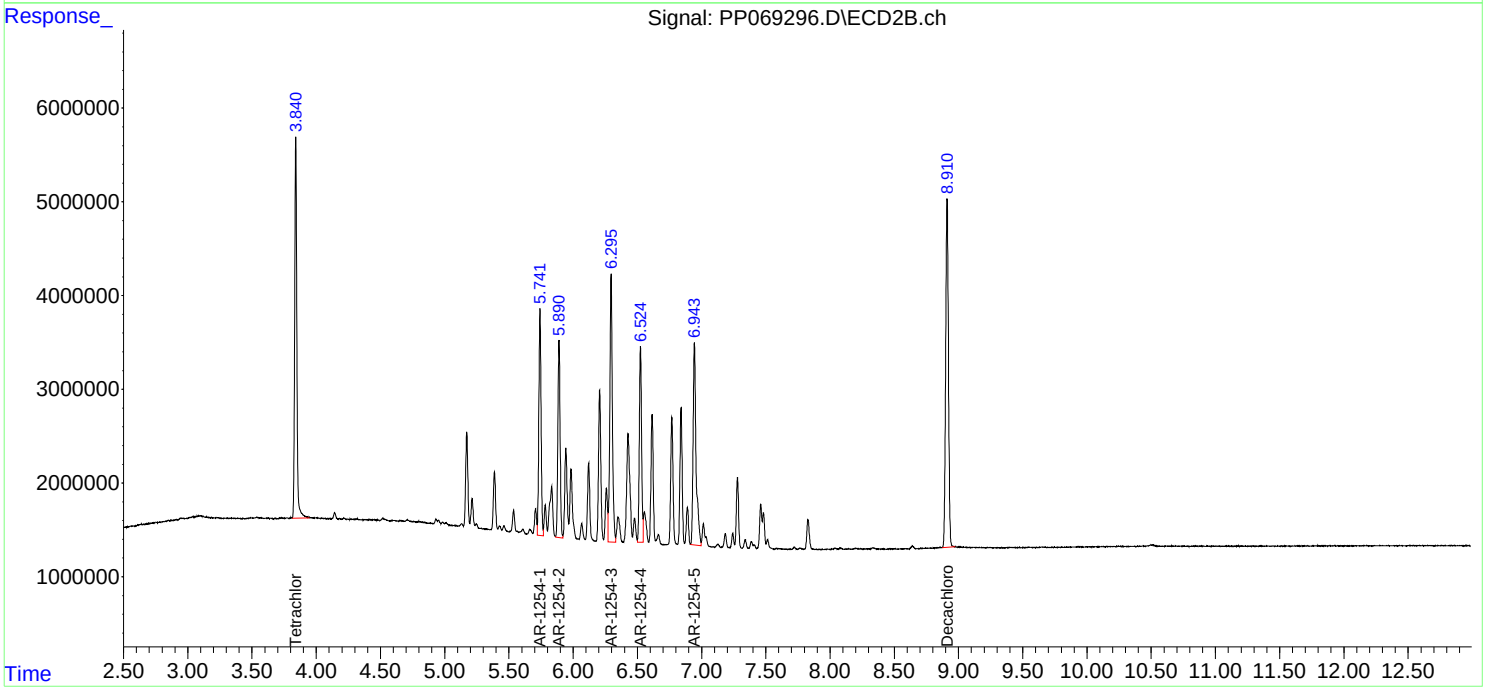
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:36
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

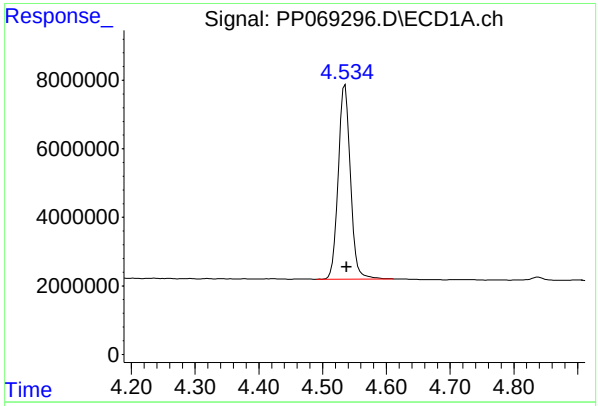
Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:02:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



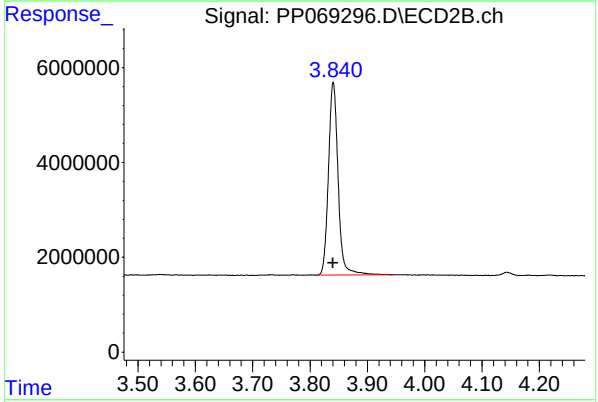




#1 Tetrachloro-m-xylene

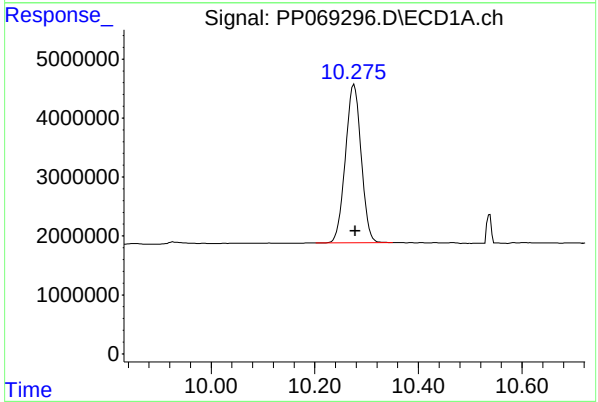
R.T.: 4.535 min
Delta R.T.: -0.003 min
Response: 75219849
Conc: 52.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254



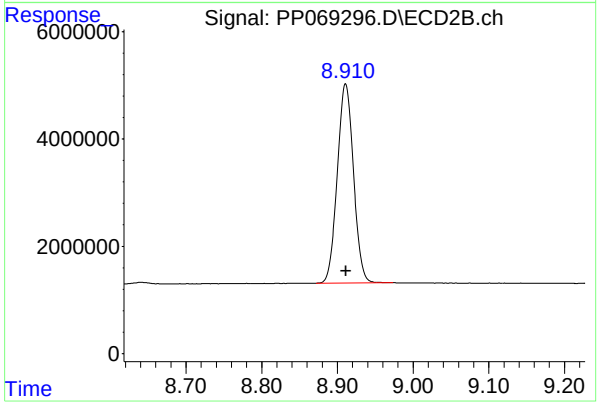
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 47633402
Conc: 53.37 ng/ml



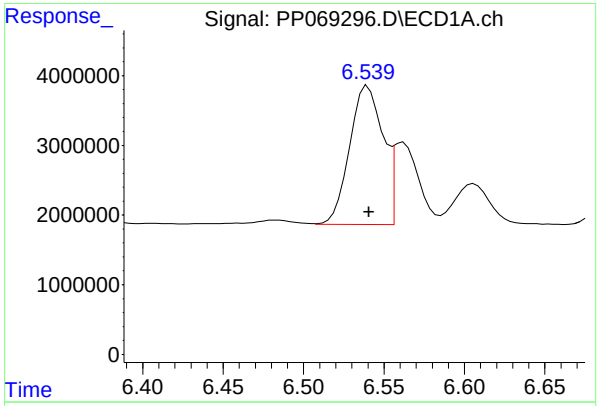
#2 Decachlorobiphenyl

R.T.: 10.276 min
Delta R.T.: -0.003 min
Response: 56766283
Conc: 51.94 ng/ml



#2 Decachlorobiphenyl

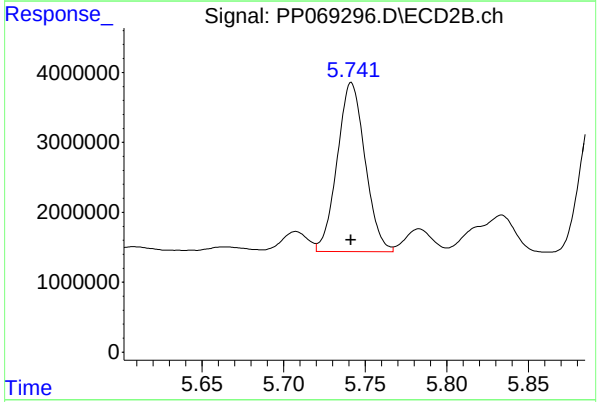
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 55190324
Conc: 49.34 ng/ml



#26 AR-1254-1

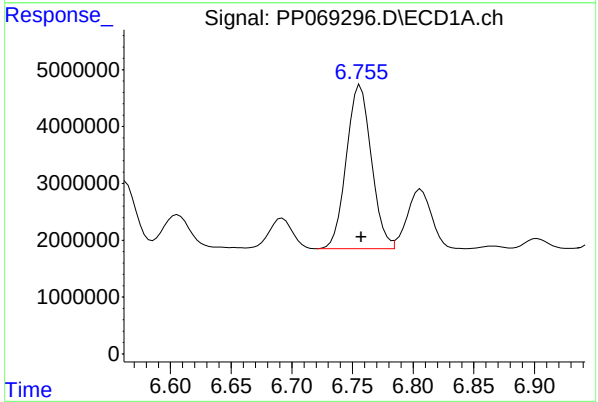
R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 28707670
Conc: 496.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254



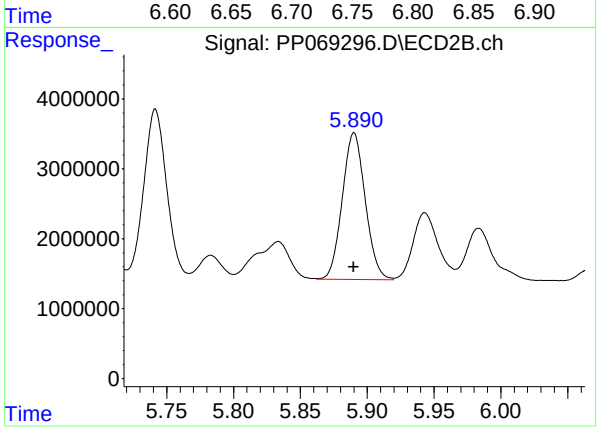
#26 AR-1254-1

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 28691321
Conc: 521.13 ng/ml



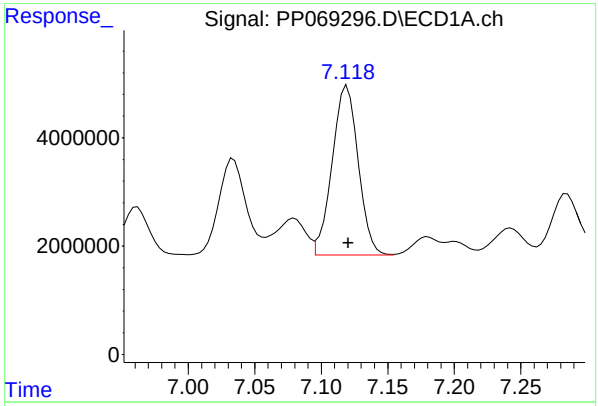
#27 AR-1254-2

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 41367594
Conc: 515.54 ng/ml



#27 AR-1254-2

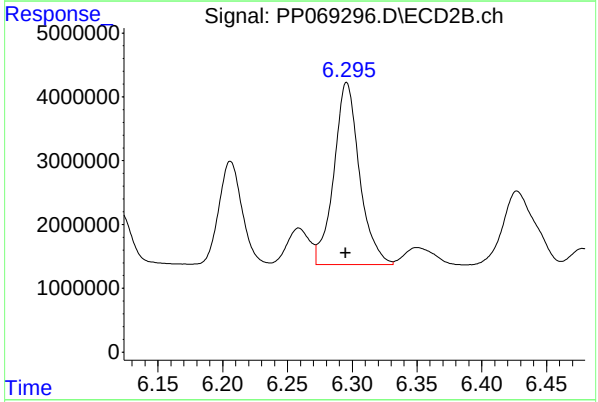
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 25067661
Conc: 518.26 ng/ml



#28 AR-1254-3

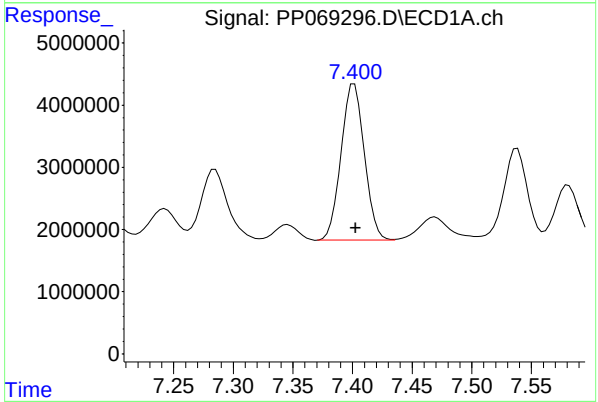
R.T.: 7.119 min
Delta R.T.: -0.001 min
Response: 42558996
Conc: 504.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254



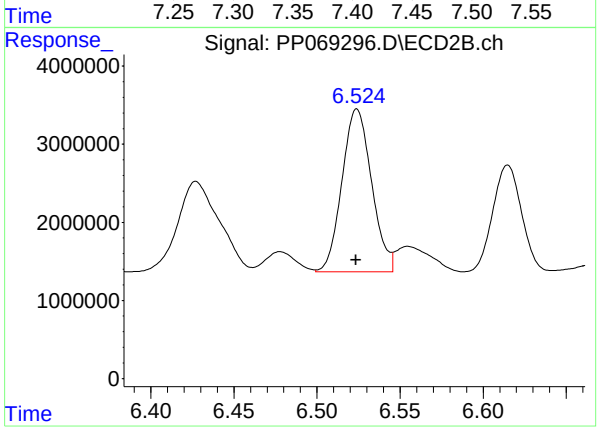
#28 AR-1254-3

R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 39270545
Conc: 517.43 ng/ml



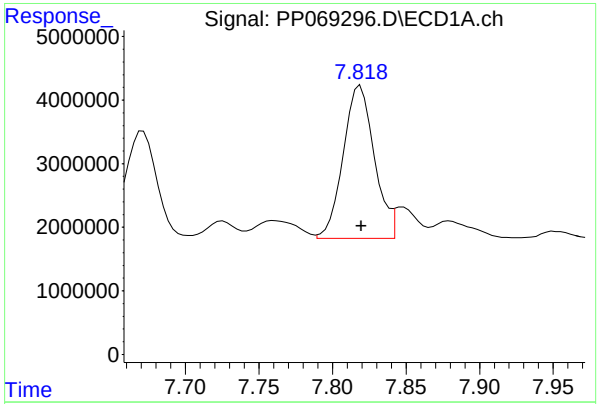
#29 AR-1254-4

R.T.: 7.401 min
Delta R.T.: -0.001 min
Response: 34204619
Conc: 501.62 ng/ml



#29 AR-1254-4

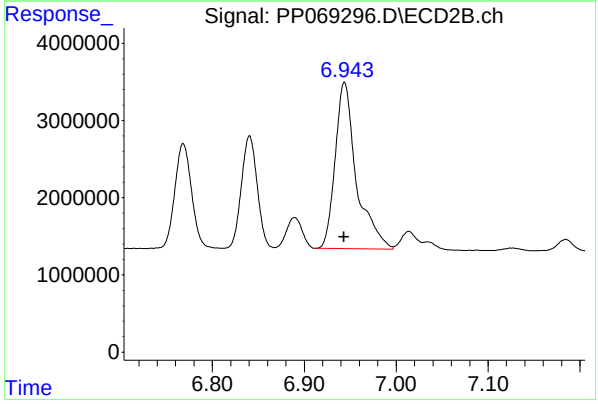
R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 25829239
Conc: 503.99 ng/ml



#30 AR-1254-5

R.T.: 7.819 min
Delta R.T.: 0.000 min
Response: 35322701
Conc: 519.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1254



#30 AR-1254-5

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 34643725
Conc: 520.49 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:13:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.538	3.841	77280071	49699162	50.272	50.526
2)	SA Decachlor...	10.280	8.912	95822270	95389498	49.885	49.598
	Target Compounds						
41)	L9 AR-1268-1	8.762	7.768	96955506	80683787	502.919	499.533
42)	L9 AR-1268-2	8.856	7.833	86693119	73752405	504.918	495.889
43)	L9 AR-1268-3	9.091	8.041	73577850	63724602	501.283	501.698
44)	L9 AR-1268-4	9.513	8.335	33018344	29034055	510.432	493.868
45)	L9 AR-1268-5	9.933	8.643	207.8E6	195.6E6	501.326	499.439

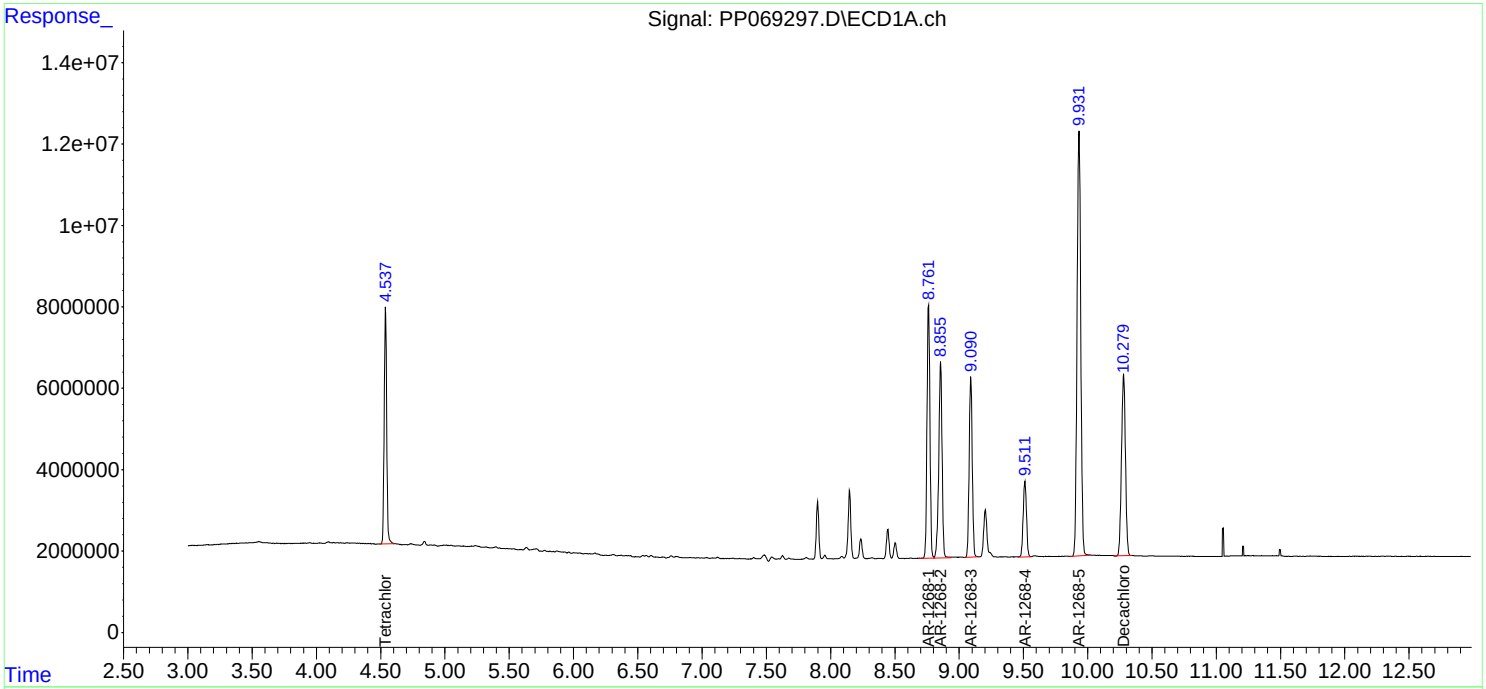
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

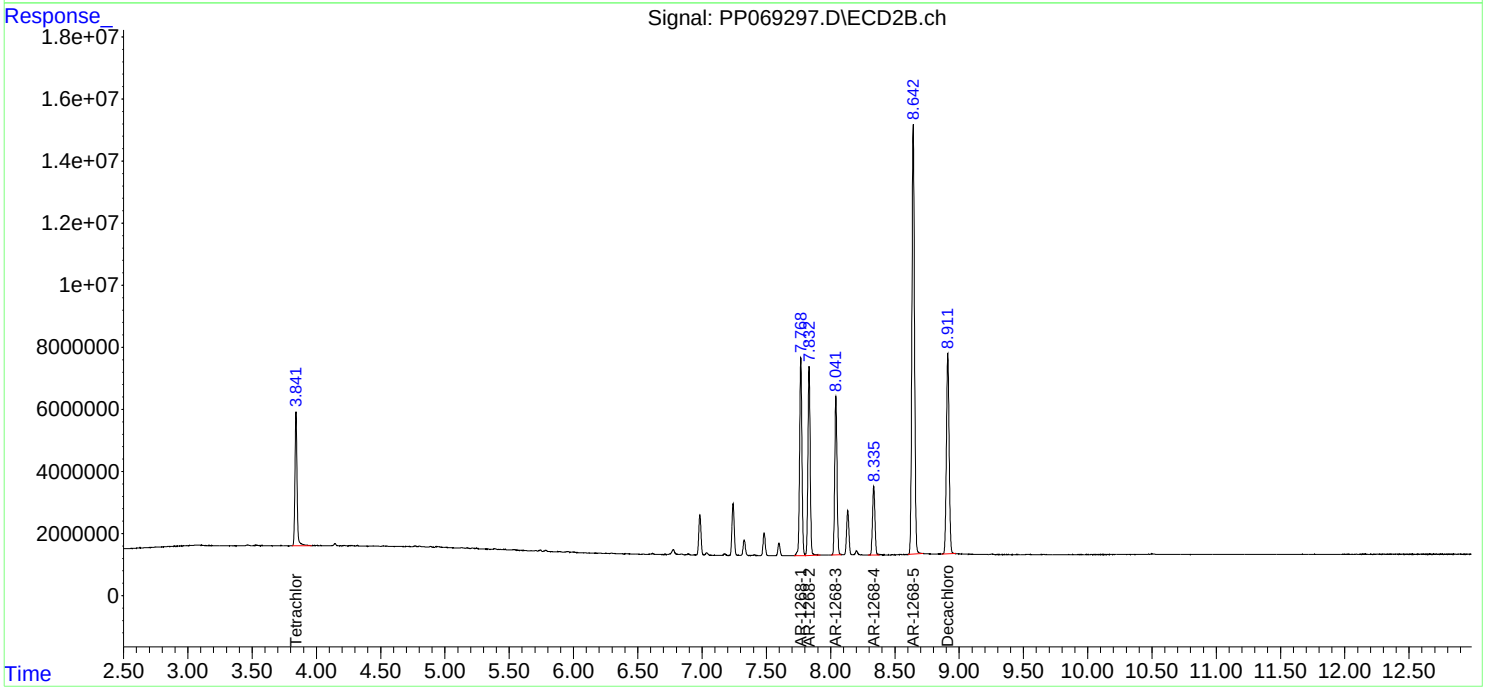
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 18:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

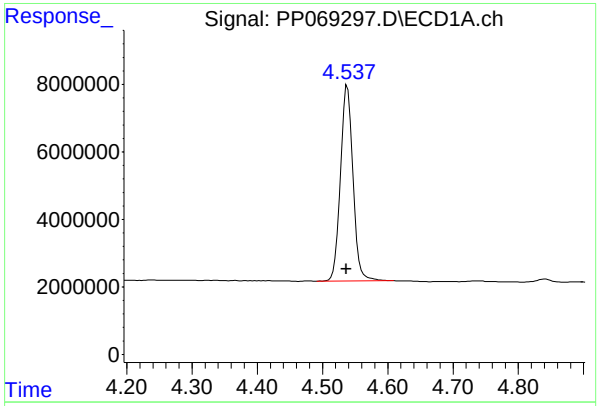
Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:13:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



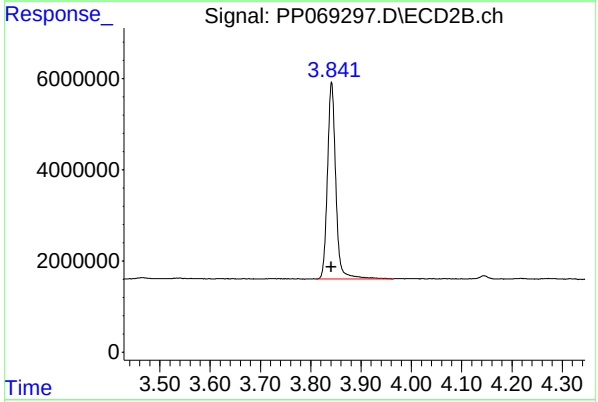




#1 Tetrachloro-m-xylene

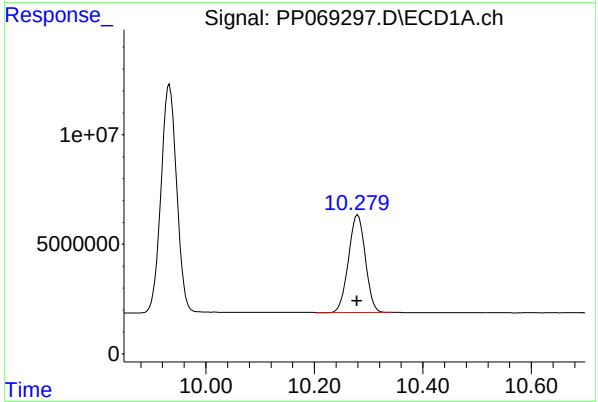
R.T.: 4.538 min
Delta R.T.: 0.002 min
Response: 77280071
Conc: 50.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268



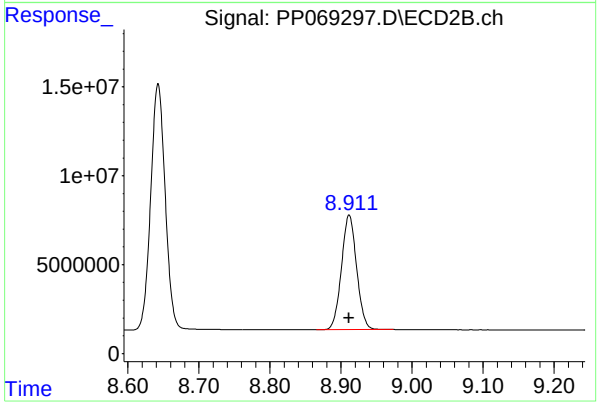
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 49699162
Conc: 50.53 ng/ml



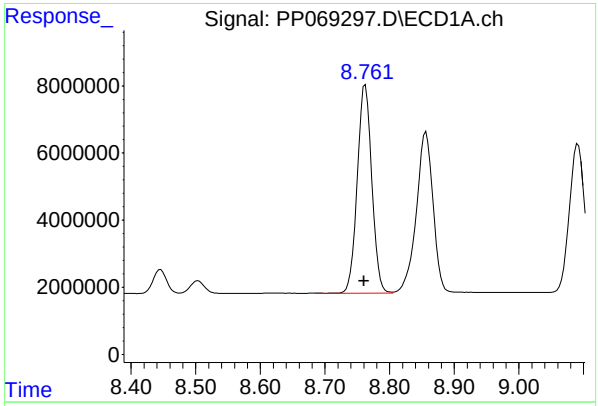
#2 Decachlorobiphenyl

R.T.: 10.280 min
Delta R.T.: 0.001 min
Response: 95822270
Conc: 49.89 ng/ml



#2 Decachlorobiphenyl

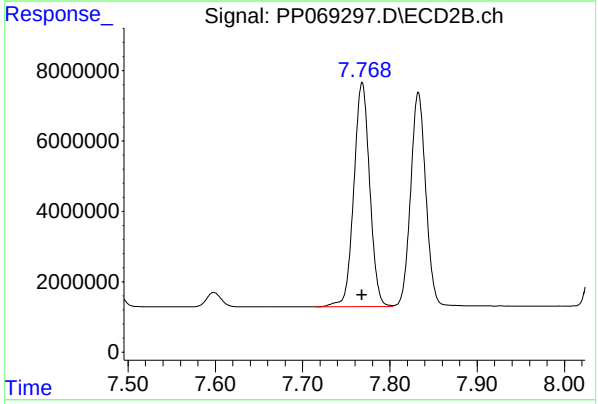
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 95389498
Conc: 49.60 ng/ml



#41 AR-1268-1

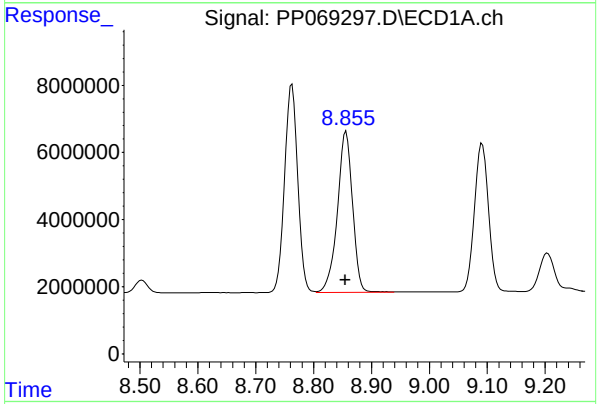
R.T.: 8.762 min
Delta R.T.: 0.002 min
Response: 96955506
Conc: 502.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268



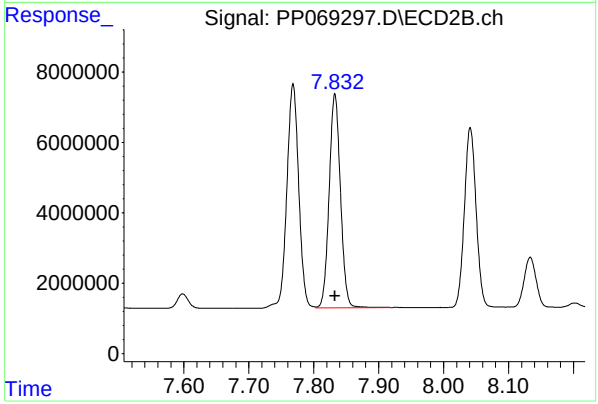
#41 AR-1268-1

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 80683787
Conc: 499.53 ng/ml



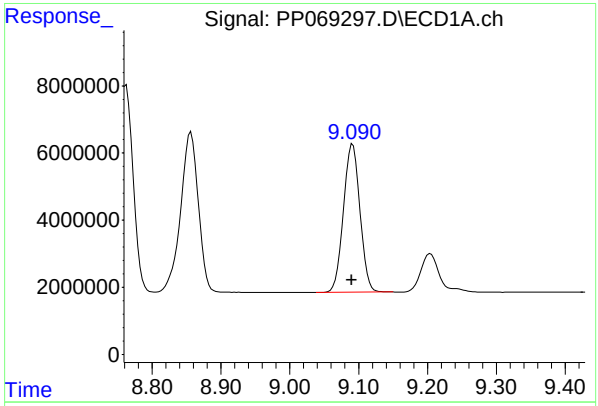
#42 AR-1268-2

R.T.: 8.856 min
Delta R.T.: 0.002 min
Response: 86693119
Conc: 504.92 ng/ml



#42 AR-1268-2

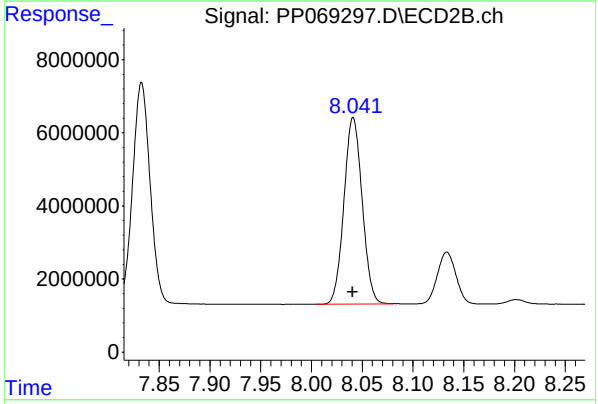
R.T.: 7.833 min
Delta R.T.: 0.000 min
Response: 73752405
Conc: 495.89 ng/ml



#43 AR-1268-3

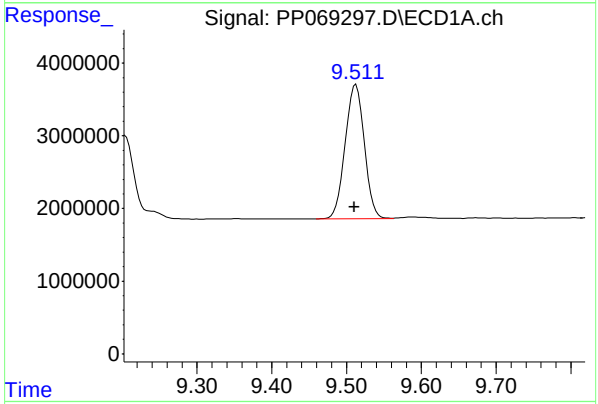
R.T.: 9.091 min
Delta R.T.: 0.002 min
Response: 73577850
Conc: 501.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268



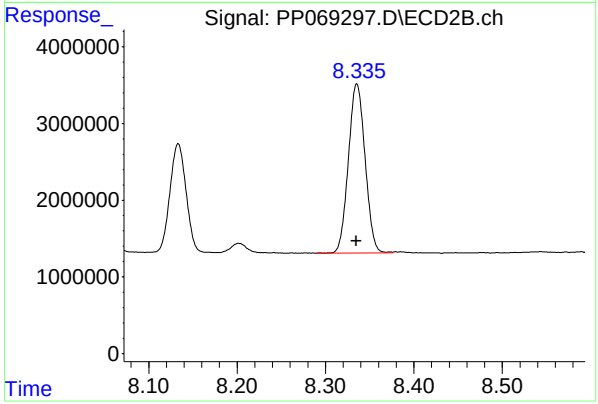
#43 AR-1268-3

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 63724602
Conc: 501.70 ng/ml



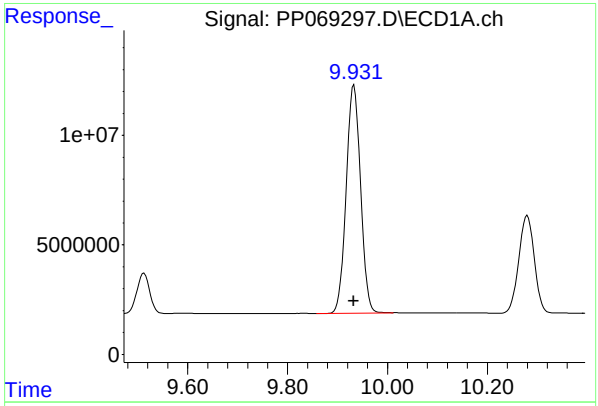
#44 AR-1268-4

R.T.: 9.513 min
Delta R.T.: 0.003 min
Response: 33018344
Conc: 510.43 ng/ml



#44 AR-1268-4

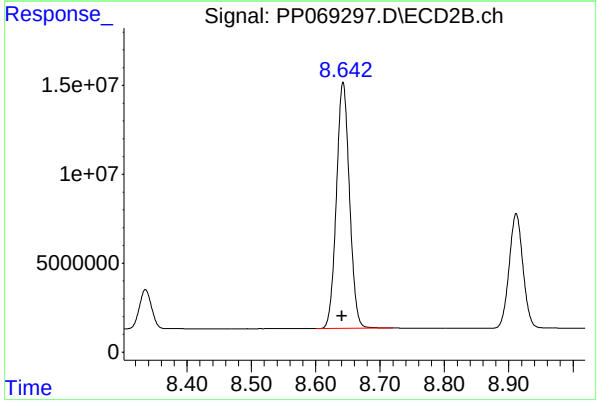
R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 29034055
Conc: 493.87 ng/ml



#45 AR-1268-5

R.T.: 9.933 min
Delta R.T.: 0.000 mi
Response: 207800294
Conc: 501.33 ng/m

Instrument :
ECD_P
ClientSampleId :
ICVPP012825AR1268



#45 AR-1268-5

R.T.: 8.643 min
Delta R.T.: 0.001 min
Response: 195613558
Conc: 499.44 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 20:18 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-2	(2)	5.70	5.71	5.61	5.81	0.01
Aroclor-1016-3	(3)	5.76	5.78	5.68	5.88	0.02
Aroclor-1016-4	(4)	5.86	5.87	5.77	5.97	0.01
Aroclor-1016-5	(5)	6.16	6.17	6.07	6.27	0.01
Aroclor-1260-1	(1)	7.27	7.29	7.19	7.39	0.02
Aroclor-1260-2	(2)	7.53	7.54	7.44	7.64	0.01
Aroclor-1260-3	(3)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-4	(4)	8.11	8.13	8.03	8.23	0.02
Aroclor-1260-5	(5)	8.43	8.45	8.35	8.55	0.02
Tetrachloro-m-xylene		4.53	4.54	4.44	4.64	0.01
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 20:18 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.92	4.93	4.83	5.03	0.01
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.12	5.13	5.03	5.23	0.01
Aroclor-1016-4	(4)	5.16	5.17	5.07	5.27	0.01
Aroclor-1016-5	(5)	5.37	5.39	5.29	5.49	0.02
Aroclor-1260-1	(1)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-2	(2)	6.60	6.62	6.52	6.72	0.02
Aroclor-1260-3	(3)	6.75	6.77	6.67	6.87	0.02
Aroclor-1260-4	(4)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-5	(5)	7.47	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL01 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069857.D **Time Analyzed:** 20:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.679	5.592	5.792	482.440	500.000	-3.5
Aroclor-1016-2	5.702	5.614	5.814	505.860	500.000	1.2
Aroclor-1016-3	5.764	5.676	5.876	500.320	500.000	0.1
Aroclor-1016-4	5.862	5.774	5.974	517.400	500.000	3.5
Aroclor-1016-5	6.155	6.067	6.267	467.500	500.000	-6.5
Aroclor-1260-1	7.274	7.187	7.387	514.180	500.000	2.8
Aroclor-1260-2	7.528	7.441	7.641	475.840	500.000	-4.8
Aroclor-1260-3	7.886	7.800	8.000	488.150	500.000	-2.4
Aroclor-1260-4	8.111	8.025	8.225	467.550	500.000	-6.5
Aroclor-1260-5	8.431	8.347	8.547	481.930	500.000	-3.6
Decachlorobiphenyl	10.254	10.179	10.379	50.340	50.000	0.7
Tetrachloro-m-xylene	4.528	4.438	4.638	51.890	50.000	3.8

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL01 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069857.D **Time Analyzed:** 20:18

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.919	4.834	5.034	446.890	500.000	-10.6
Aroclor-1016-2	4.939	4.853	5.053	464.700	500.000	-7.1
Aroclor-1016-3	5.116	5.030	5.230	478.460	500.000	-4.3
Aroclor-1016-4	5.158	5.072	5.272	446.550	500.000	-10.7
Aroclor-1016-5	5.373	5.288	5.488	527.390	500.000	5.5
Aroclor-1260-1	6.411	6.326	6.526	500.170	500.000	0.0
Aroclor-1260-2	6.599	6.515	6.715	496.810	500.000	-0.6
Aroclor-1260-3	6.753	6.670	6.870	439.430	500.000	-12.1
Aroclor-1260-4	7.226	7.142	7.342	475.050	500.000	-5.0
Aroclor-1260-5	7.466	7.384	7.584	485.160	500.000	-3.0
Decachlorobiphenyl	8.889	8.811	9.011	44.480	50.000	-11.0
Tetrachloro-m-xylene	3.829	3.740	3.940	50.120	50.000	0.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 20:18
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:27:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.528	3.829	74273786	44736851	51.886	50.123m
2)	SA Decachlor...	10.254	8.889	55017864	49748869	50.341	44.479
	Target Compounds						
3)	L1 AR-1016-1	5.679	4.919	22352717	14575244	482.436m	446.887m
4)	L1 AR-1016-2	5.702	4.939	34336024	20892241	505.855	464.701
5)	L1 AR-1016-3	5.764	5.116	21312002	11906058	500.322	478.463
6)	L1 AR-1016-4	5.862	5.158	18109375	9018642	517.404	446.550
7)	L1 AR-1016-5	6.155	5.373	15454878	14146523	467.500	527.385
31)	L7 AR-1260-1	7.274	6.411	30046490	24122751	514.175	500.166
32)	L7 AR-1260-2	7.528	6.599	37026605	30456410	475.841	496.812
33)	L7 AR-1260-3	7.886	6.753	30518852	26434354	488.151	439.427m
34)	L7 AR-1260-4	8.111	7.226	30847543	22074431	467.552	475.049
35)	L7 AR-1260-5	8.431	7.466	63097270	53922596	481.931	485.155

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 20:18
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

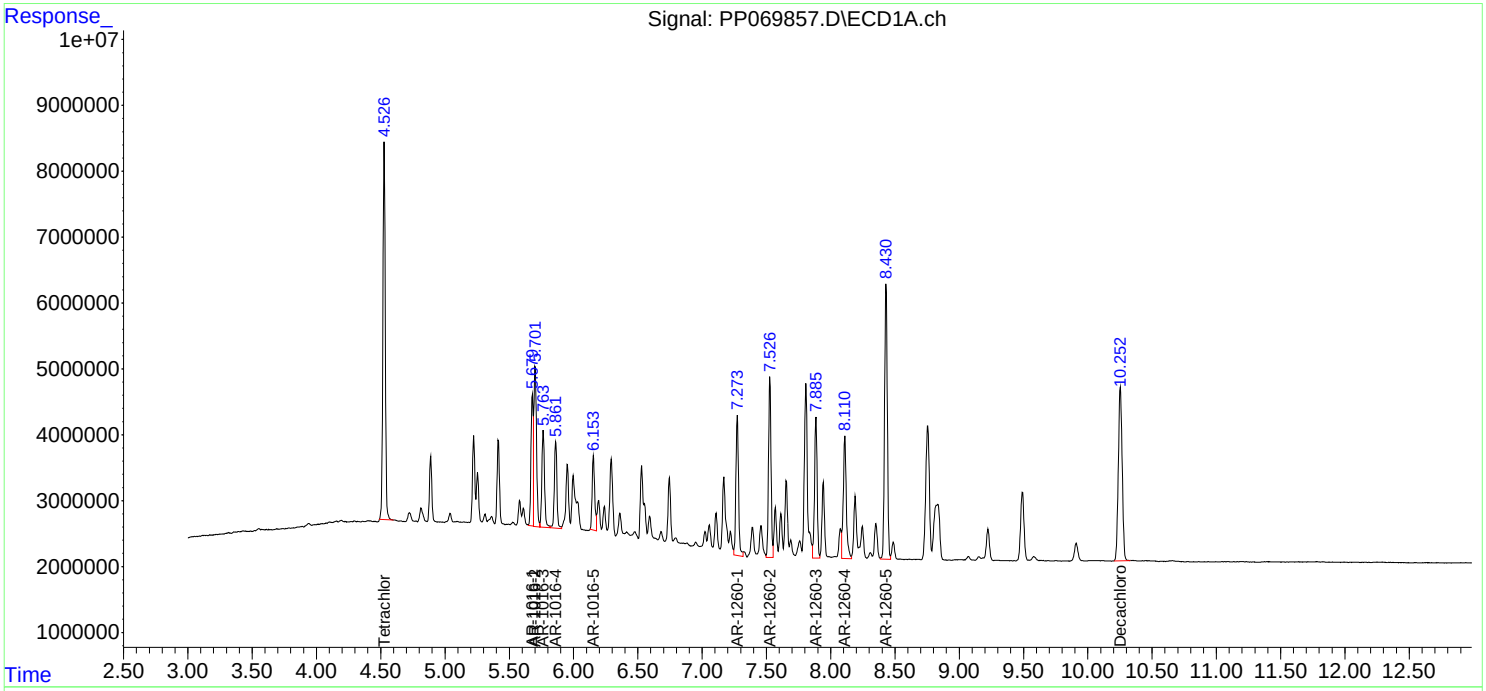
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

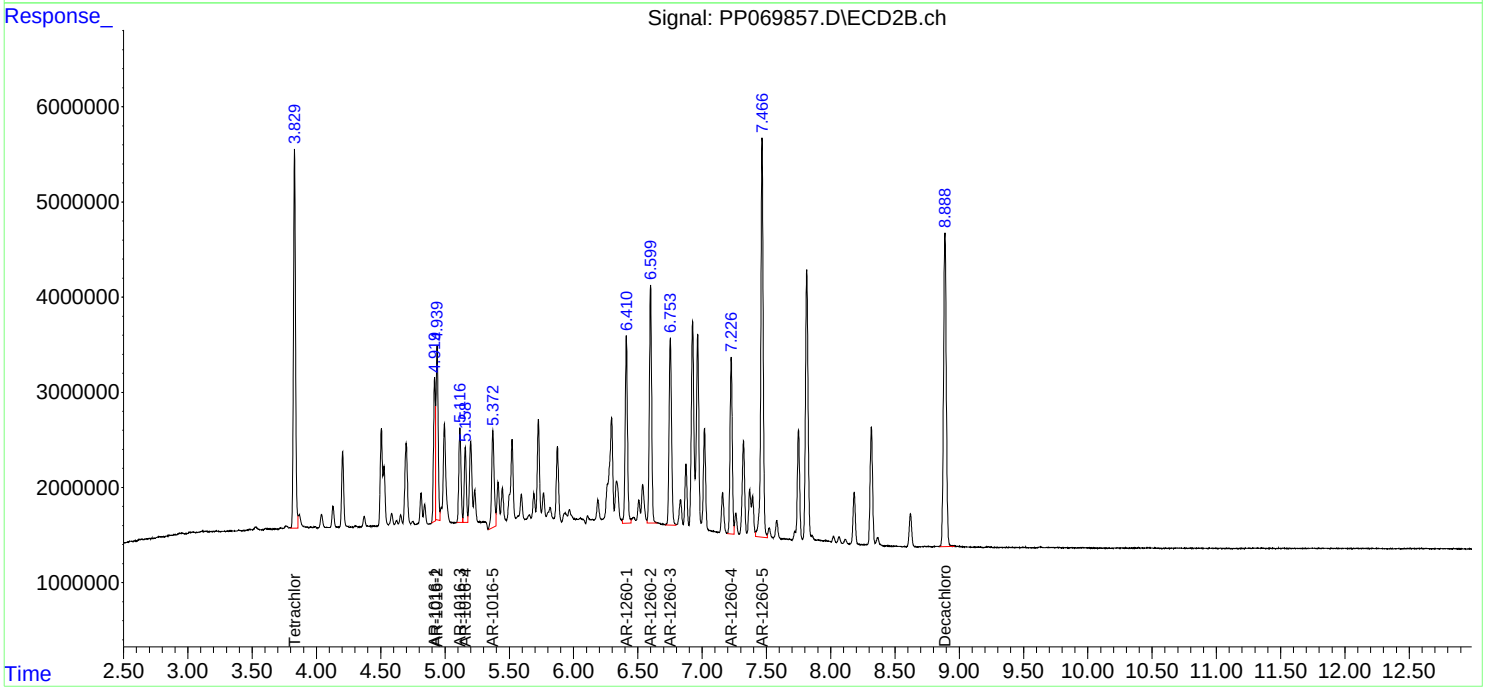
Manual Integrations APPROVED

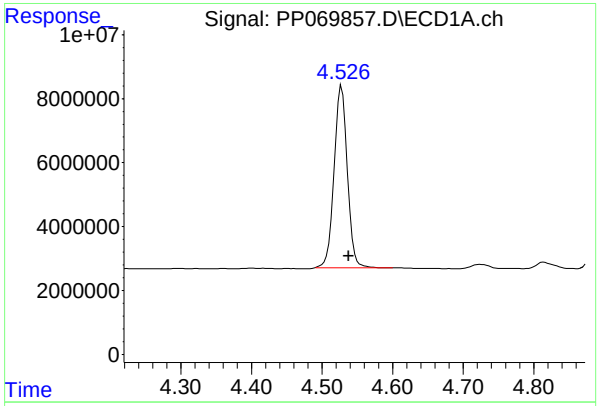
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:27:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







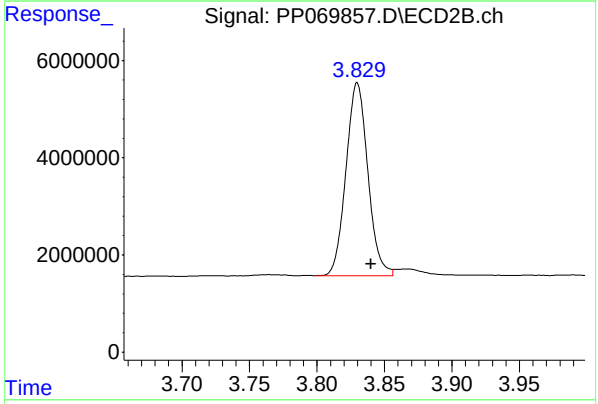
#1 Tetrachloro-m-xylene

R.T.: 4.528 min
Delta R.T.: -0.010 min
Response: 74273786
Conc: 51.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

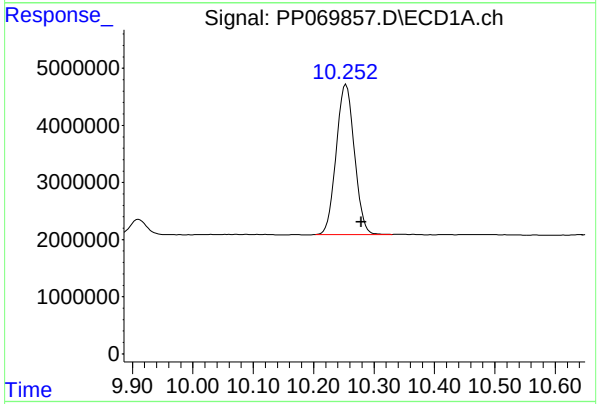
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



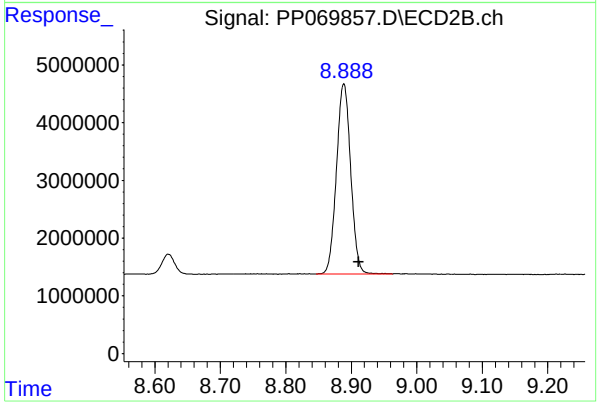
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 44736851
Conc: 50.12 ng/ml m



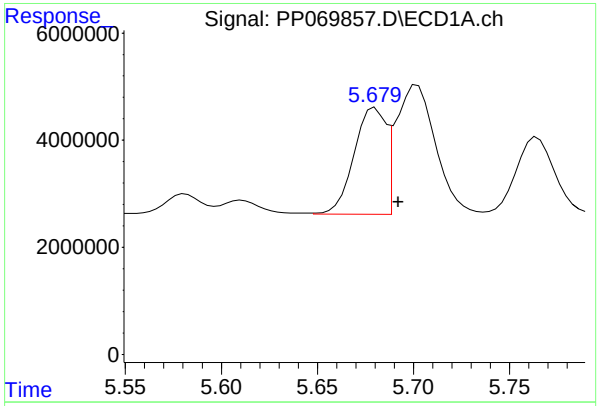
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.025 min
Response: 55017864
Conc: 50.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.023 min
Response: 49748869
Conc: 44.48 ng/ml



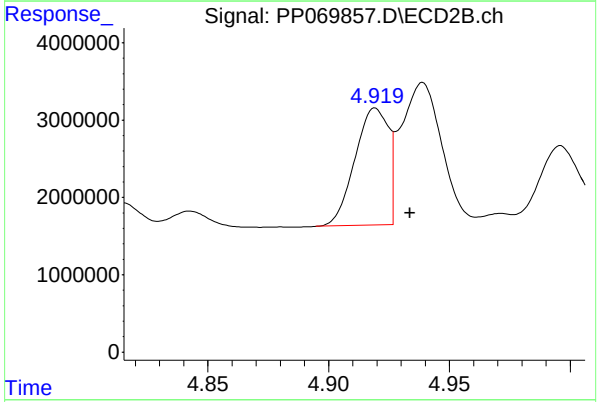
#3 AR-1016-1

R.T.: 5.679 min
Delta R.T.: -0.014 mi
Response: 22352717
Conc: 482.44 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

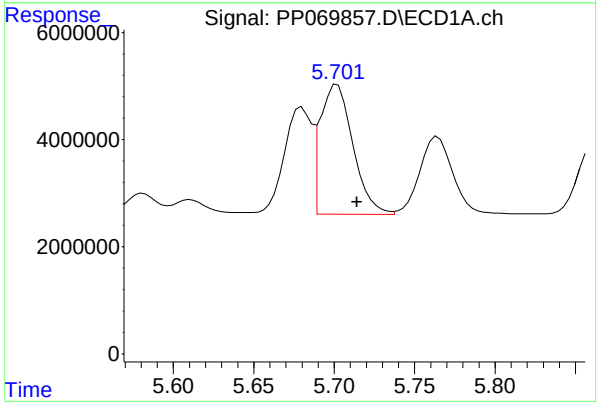
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



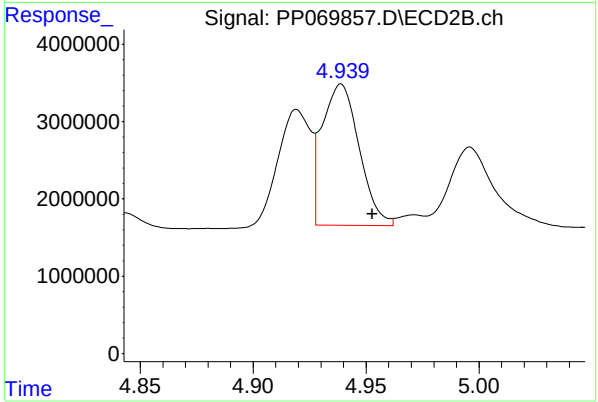
#3 AR-1016-1

R.T.: 4.919 min
Delta R.T.: -0.015 min
Response: 14575244
Conc: 446.89 ng/ml m



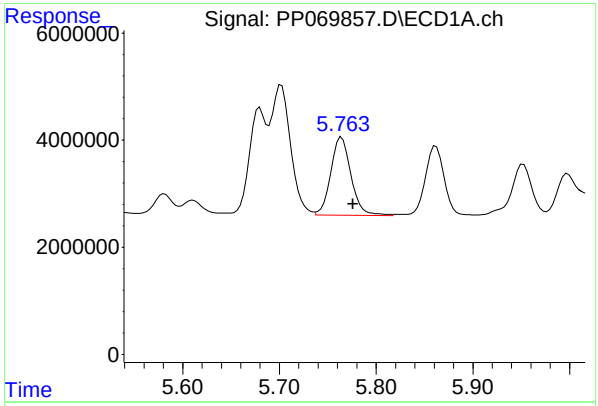
#4 AR-1016-2

R.T.: 5.702 min
Delta R.T.: -0.012 min
Response: 34336024
Conc: 505.86 ng/ml



#4 AR-1016-2

R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 20892241
Conc: 464.70 ng/ml



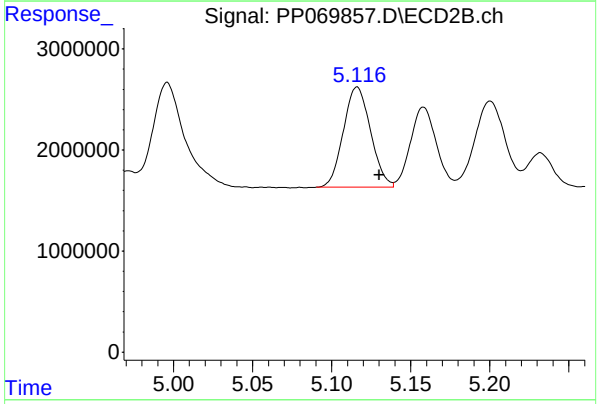
#5 AR-1016-3

R.T.: 5.764 min
Delta R.T.: -0.012 min
Response: 21312002
Conc: 500.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

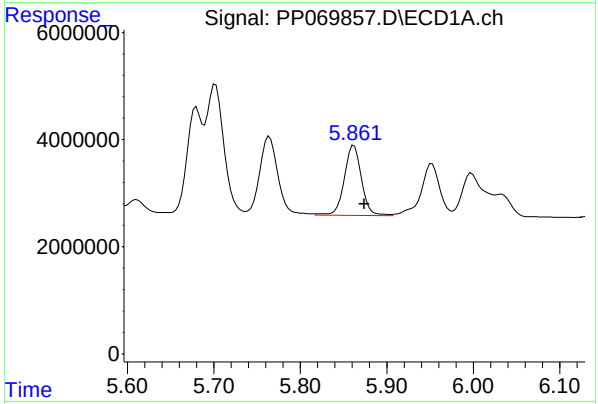
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



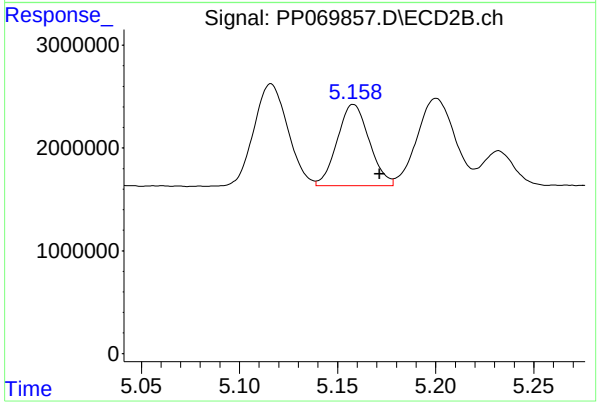
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 11906058
Conc: 478.46 ng/ml



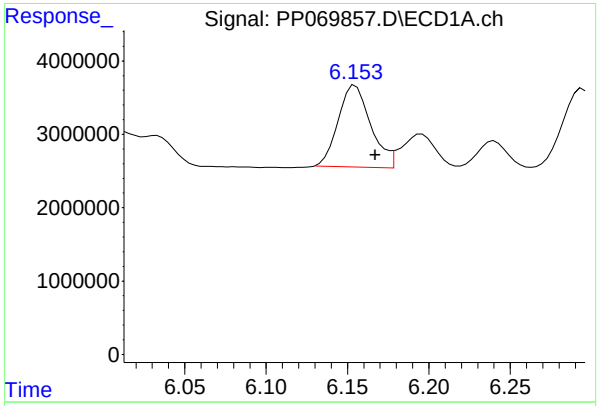
#6 AR-1016-4

R.T.: 5.862 min
Delta R.T.: -0.012 min
Response: 18109375
Conc: 517.40 ng/ml



#6 AR-1016-4

R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 9018642
Conc: 446.55 ng/ml



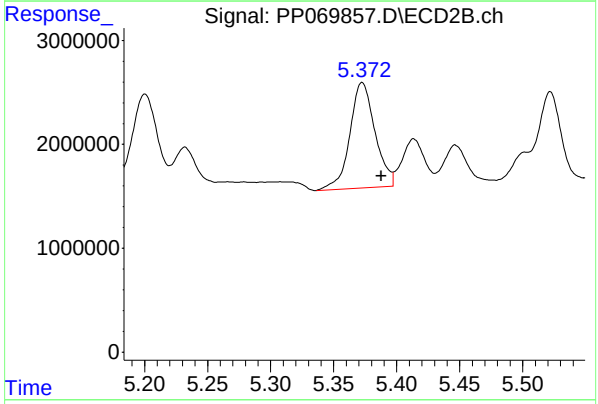
#7 AR-1016-5

R.T.: 6.155 min
Delta R.T.: -0.012 min
Response: 15454878
Conc: 467.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

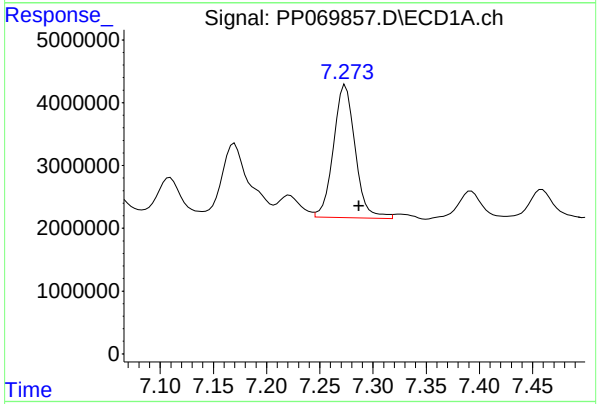
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



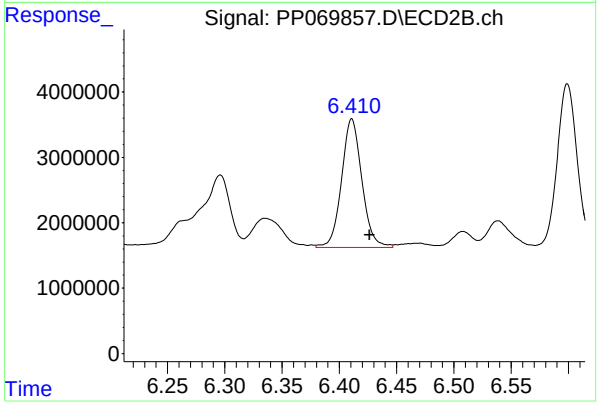
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 14146523
Conc: 527.39 ng/ml



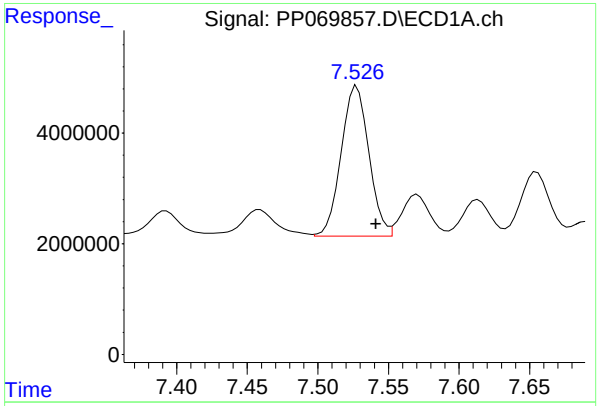
#31 AR-1260-1

R.T.: 7.274 min
Delta R.T.: -0.013 min
Response: 30046490
Conc: 514.18 ng/ml



#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.016 min
Response: 24122751
Conc: 500.17 ng/ml



#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: -0.014 mi
Response: 37026605
Conc: 475.84 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
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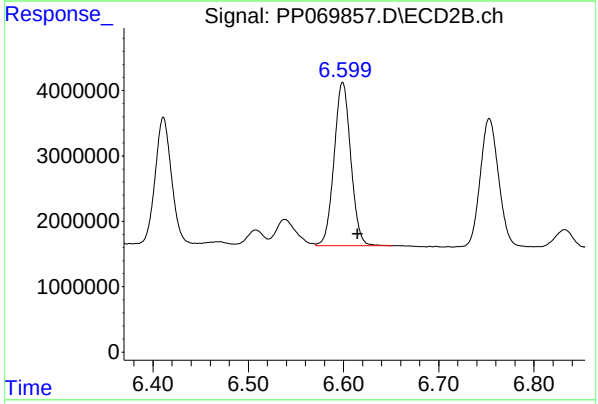
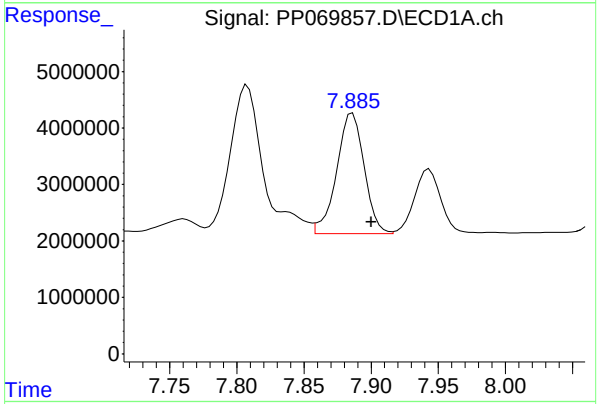
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



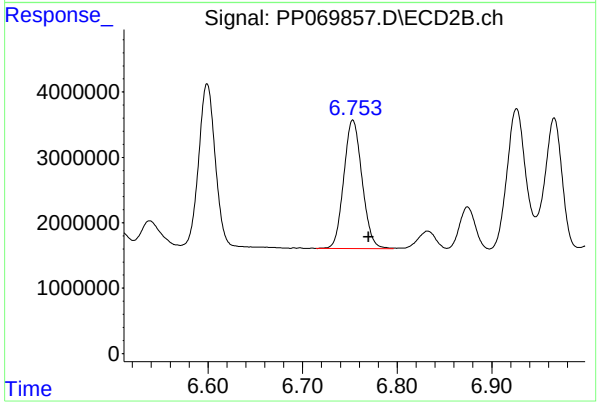
#32 AR-1260-2

R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 30456410
Conc: 496.81 ng/ml



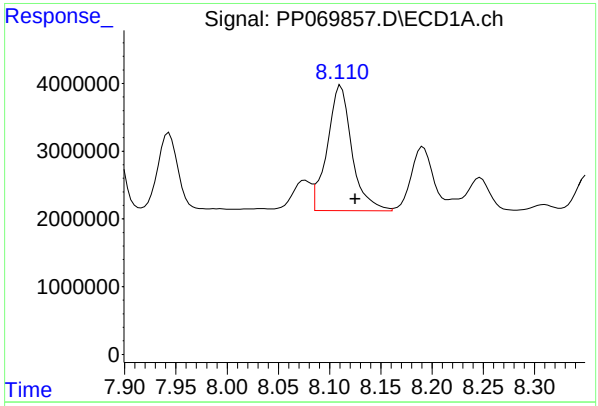
#33 AR-1260-3

R.T.: 7.886 min
Delta R.T.: -0.014 min
Response: 30518852
Conc: 488.15 ng/ml



#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 26434354
Conc: 439.43 ng/ml m



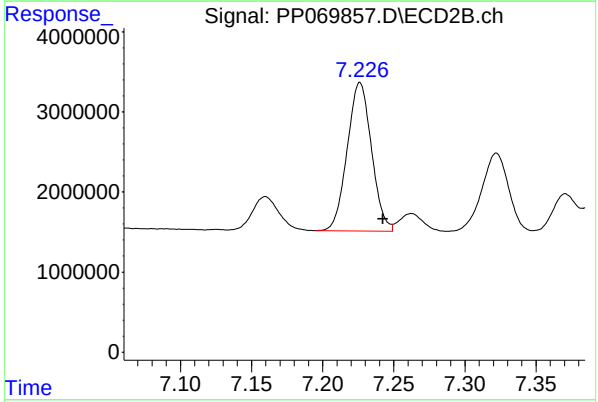
#34 AR-1260-4

R.T.: 8.111 min
Delta R.T.: -0.014 min
Response: 30847543
Conc: 467.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

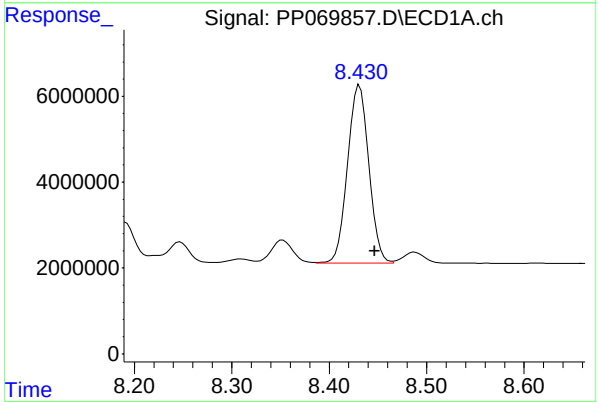
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



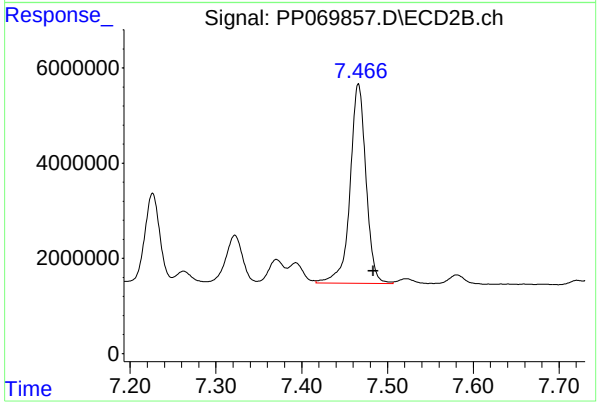
#34 AR-1260-4

R.T.: 7.226 min
Delta R.T.: -0.016 min
Response: 22074431
Conc: 475.05 ng/ml



#35 AR-1260-5

R.T.: 8.431 min
Delta R.T.: -0.016 min
Response: 63097270
Conc: 481.93 ng/ml



#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.017 min
Response: 53922596
Conc: 485.16 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 21:23 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	6.53	6.54	6.44	6.64	0.01
Aroclor-1254-2	(2)	6.74	6.76	6.66	6.86	0.02
Aroclor-1254-3	(3)	7.11	7.12	7.02	7.22	0.01
Aroclor-1254-4	(4)	7.39	7.40	7.30	7.50	0.01
Aroclor-1254-5	(5)	7.80	7.82	7.72	7.92	0.02
Tetrachloro-m-xylene		4.52	4.53	4.43	4.63	0.01
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/19/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 21:23 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	5.73	5.74	5.64	5.84	0.01
Aroclor-1254-2	(2)	5.88	5.89	5.79	5.99	0.01
Aroclor-1254-3	(3)	6.28	6.30	6.20	6.40	0.02
Aroclor-1254-4	(4)	6.51	6.52	6.42	6.62	0.01
Aroclor-1254-5	(5)	6.93	6.94	6.84	7.04	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL02 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069860.D **Time Analyzed:** 21:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	6.525	6.439	6.639	464.010	500.000	-7.2
Aroclor-1254-2	6.742	6.656	6.856	546.680	500.000	9.3
Aroclor-1254-3	7.105	7.019	7.219	516.820	500.000	3.4
Aroclor-1254-4	7.387	7.301	7.501	526.820	500.000	5.4
Aroclor-1254-5	7.803	7.719	7.919	478.070	500.000	-4.4
Decachlorobiphenyl	10.250	10.175	10.375	51.860	50.000	3.7
Tetrachloro-m-xylene	4.524	4.434	4.634	54.550	50.000	9.1

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL02 **Date Analyzed:** 02/19/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069860.D **Time Analyzed:** 21:23

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.727	5.642	5.842	504.880	500.000	1.0
Aroclor-1254-2	5.875	5.790	5.990	499.940	500.000	0.0
Aroclor-1254-3	6.280	6.195	6.395	500.560	500.000	0.1
Aroclor-1254-4	6.509	6.423	6.623	507.630	500.000	1.5
Aroclor-1254-5	6.928	6.844	7.044	497.110	500.000	-0.6
Decachlorobiphenyl	8.888	8.809	9.009	50.310	50.000	0.6
Tetrachloro-m-xylene	3.830	3.740	3.940	53.290	50.000	6.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:23
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:28:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.830	78093128	47565043	54.554	53.292m
2)	SA Decachlor...	10.250	8.888	56677888	56266174	51.860	50.306
	Target Compounds						
26)	L6 AR-1254-1	6.525	5.727	26849346	27796555	464.010m	504.880
27)	L6 AR-1254-2	6.742	5.875	43866222	24181699	546.675	499.944
28)	L6 AR-1254-3	7.105	6.280	43561594	37990877	516.816	500.564
29)	L6 AR-1254-4	7.387	6.509	35922940	26015860	526.823	507.629
30)	L6 AR-1254-5	7.803	6.928	32530785	33088182	478.069m	497.115

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

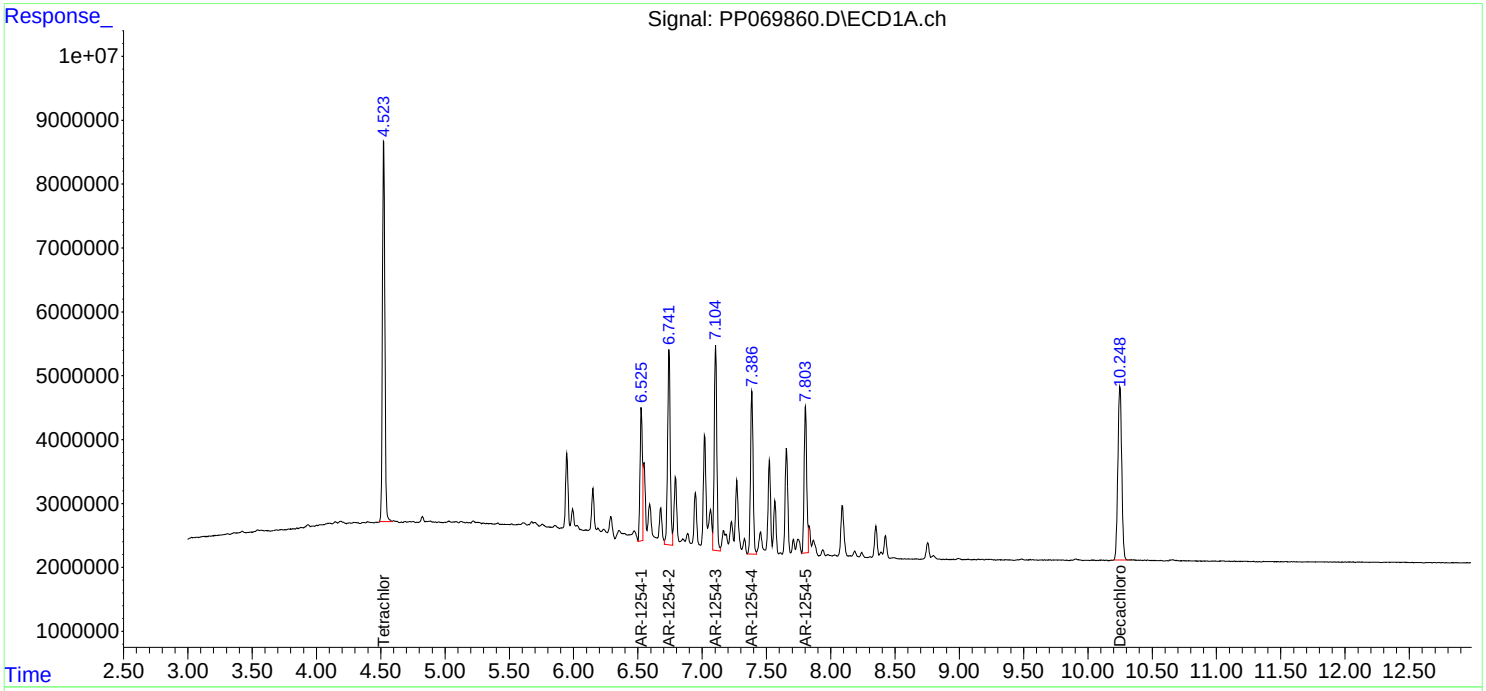
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:23
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

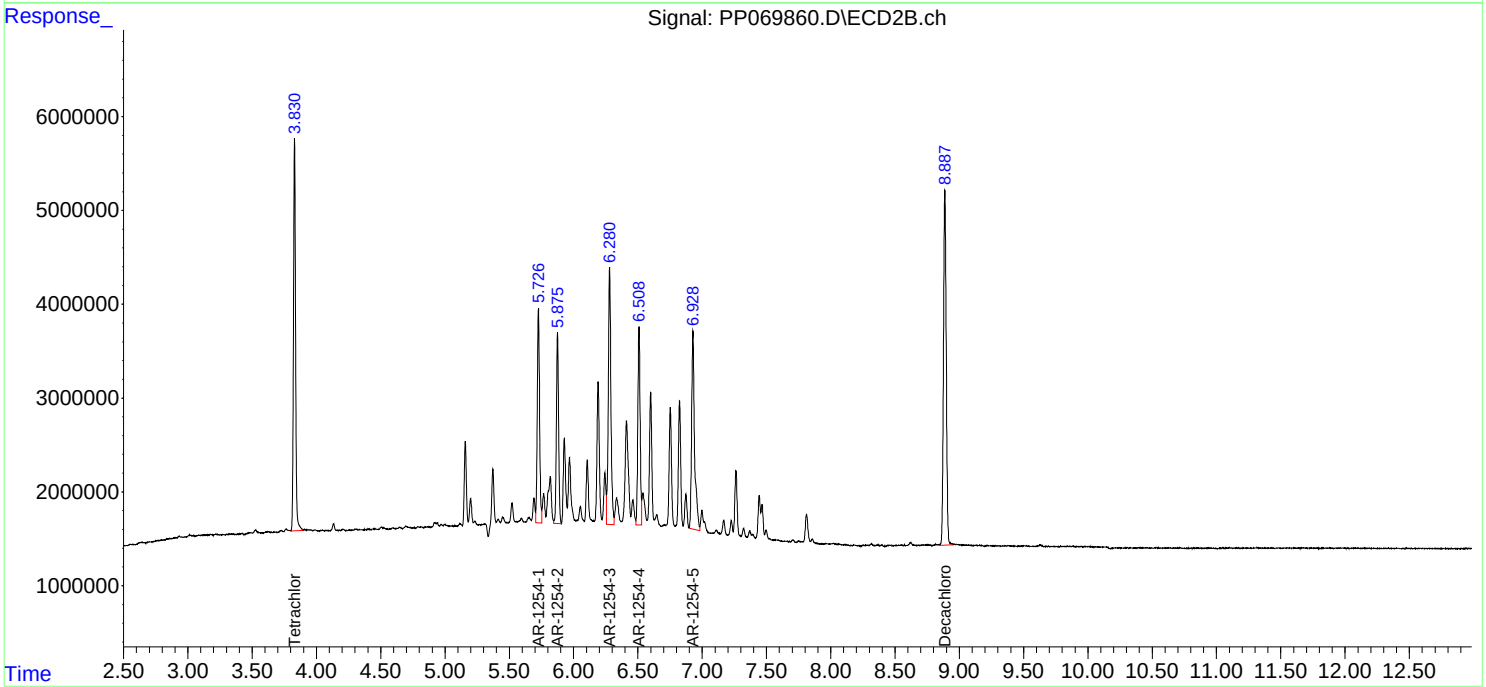
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

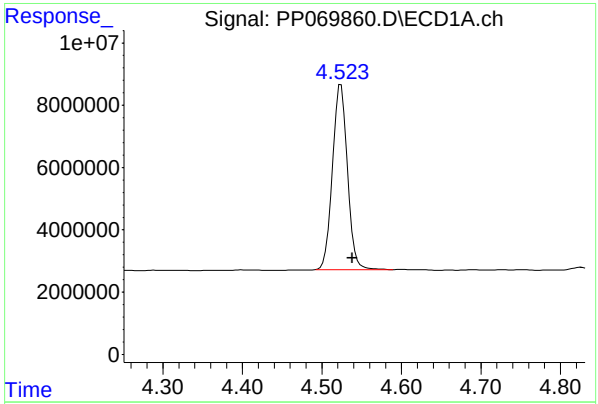
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:28:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







#1 Tetrachloro-m-xylene

R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 78093128
Conc: 54.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

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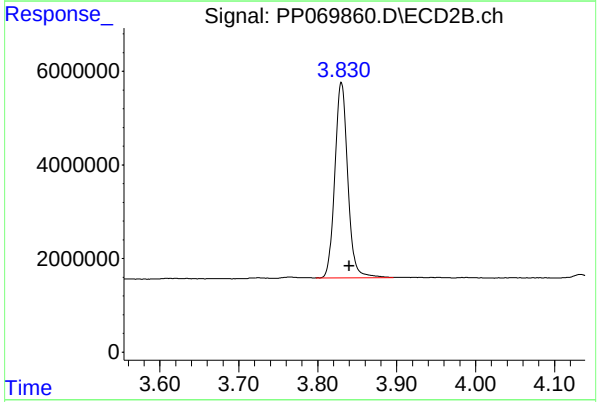
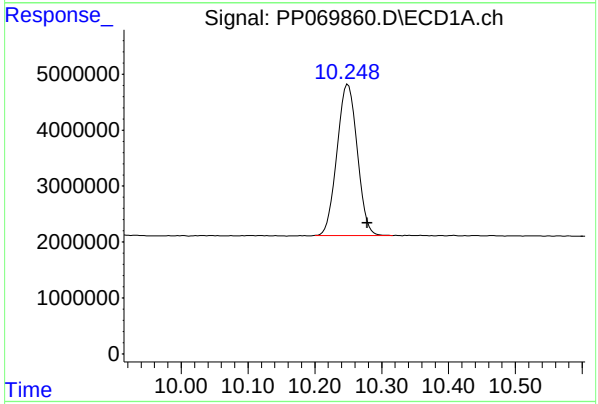


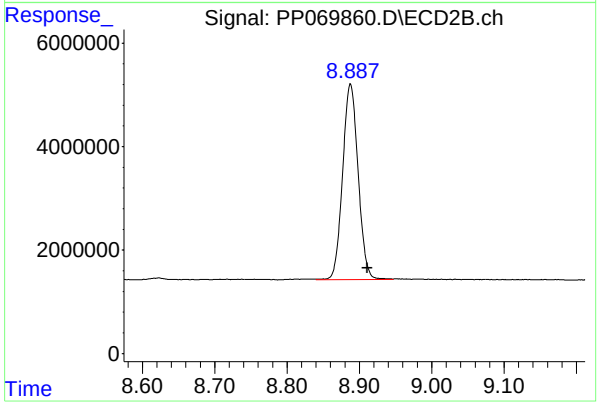
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 47565043
Conc: 53.29 ng/ml m



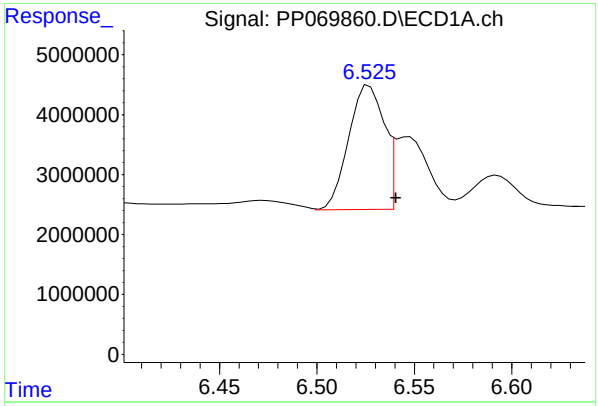
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.029 min
Response: 56677888
Conc: 51.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.024 min
Response: 56266174
Conc: 50.31 ng/ml



#26 AR-1254-1

R.T.: 6.525 min
Delta R.T.: -0.015 min
Response: 26849346
Conc: 464.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

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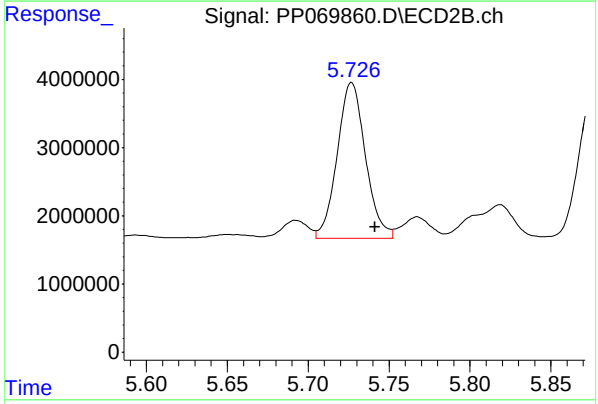
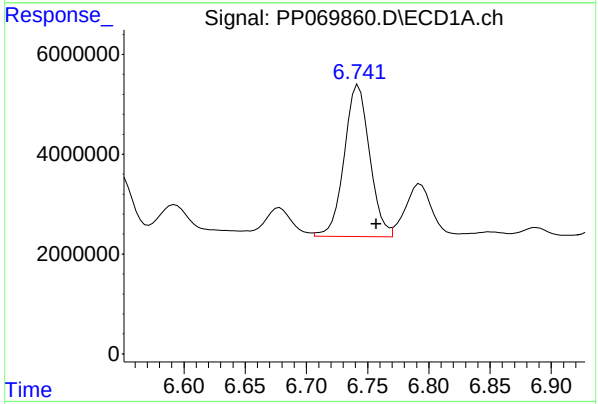
Supervised By :Ankita Jodhani 02/20/2025



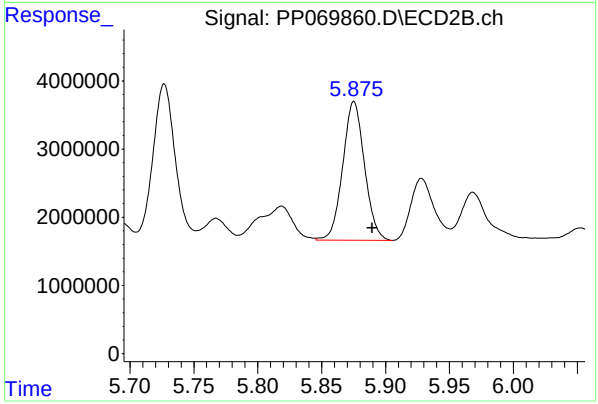
#26 AR-1254-1

R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 27796555
Conc: 504.88 ng/ml



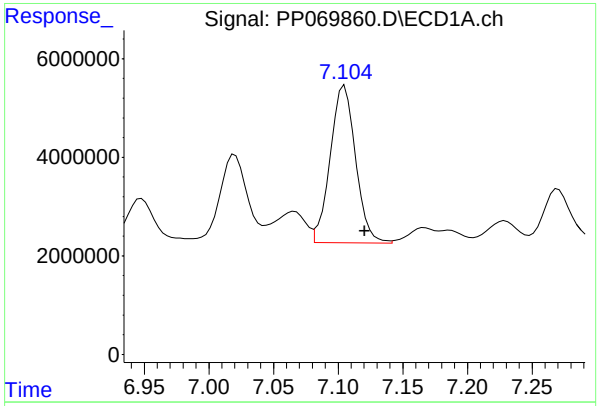
#27 AR-1254-2

R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 43866222
Conc: 546.68 ng/ml



#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 24181699
Conc: 499.94 ng/ml



#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 43561594
Conc: 516.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

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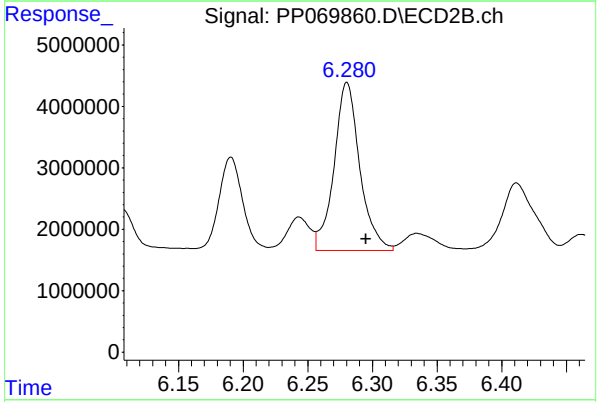
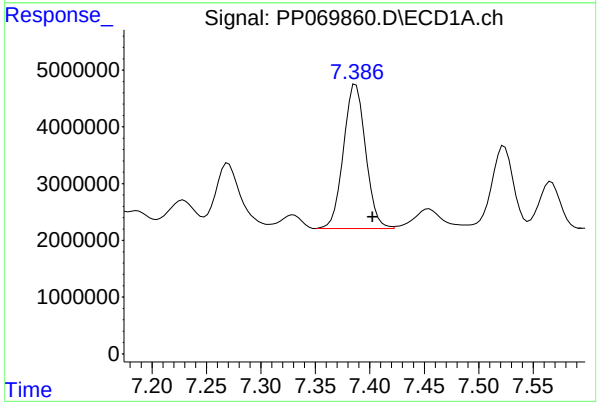
Supervised By :Ankita Jodhani 02/20/2025



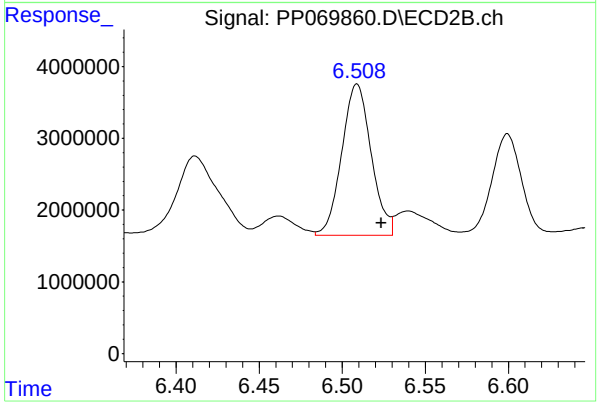
#28 AR-1254-3

R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 37990877
Conc: 500.56 ng/ml



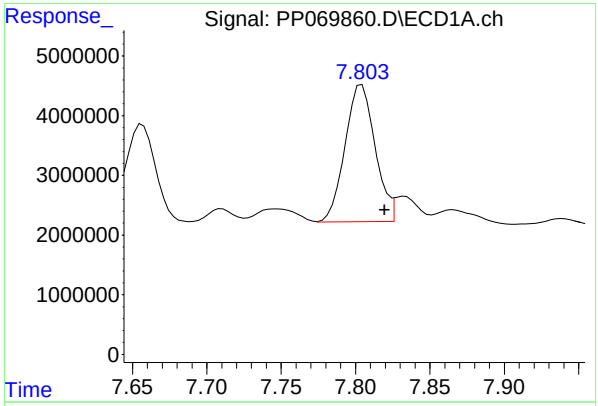
#29 AR-1254-4

R.T.: 7.387 min
Delta R.T.: -0.016 min
Response: 35922940
Conc: 526.82 ng/ml



#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 26015860
Conc: 507.63 ng/ml



#30 AR-1254-5

R.T.: 7.803 min
Delta R.T.: -0.017 min
Response: 32530785
Conc: 478.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations
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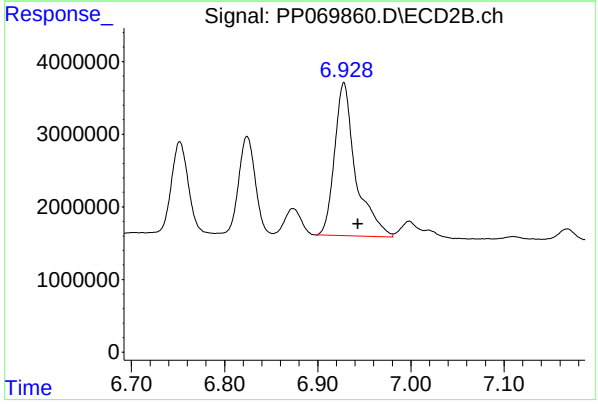
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



#30 AR-1254-5

R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 33088182
Conc: 497.11 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 01:26 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-2	(2)	5.70	5.71	5.61	5.81	0.01
Aroclor-1016-3	(3)	5.76	5.78	5.68	5.88	0.02
Aroclor-1016-4	(4)	5.86	5.87	5.77	5.97	0.01
Aroclor-1016-5	(5)	6.15	6.17	6.07	6.27	0.02
Aroclor-1260-1	(1)	7.27	7.29	7.19	7.39	0.02
Aroclor-1260-2	(2)	7.53	7.54	7.44	7.64	0.01
Aroclor-1260-3	(3)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-4	(4)	8.11	8.13	8.03	8.23	0.02
Aroclor-1260-5	(5)	8.43	8.45	8.35	8.55	0.02
Tetrachloro-m-xylene		4.53	4.54	4.44	4.64	0.01
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 01:26 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.92	4.93	4.83	5.03	0.01
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.12	5.13	5.03	5.23	0.01
Aroclor-1016-4	(4)	5.16	5.17	5.07	5.27	0.01
Aroclor-1016-5	(5)	5.37	5.39	5.29	5.49	0.02
Aroclor-1260-1	(1)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-2	(2)	6.60	6.62	6.52	6.72	0.02
Aroclor-1260-3	(3)	6.75	6.77	6.67	6.87	0.02
Aroclor-1260-4	(4)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-5	(5)	7.47	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL03 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069872.D **Time Analyzed:** 01:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.678	5.592	5.792	497.890	500.000	-0.4
Aroclor-1016-2	5.701	5.614	5.814	513.100	500.000	2.6
Aroclor-1016-3	5.763	5.676	5.876	501.620	500.000	0.3
Aroclor-1016-4	5.860	5.774	5.974	510.080	500.000	2.0
Aroclor-1016-5	6.153	6.067	6.267	466.370	500.000	-6.7
Aroclor-1260-1	7.272	7.187	7.387	522.330	500.000	4.5
Aroclor-1260-2	7.527	7.441	7.641	496.550	500.000	-0.7
Aroclor-1260-3	7.885	7.800	8.000	511.610	500.000	2.3
Aroclor-1260-4	8.109	8.025	8.225	488.860	500.000	-2.2
Aroclor-1260-5	8.431	8.347	8.547	497.190	500.000	-0.6
Decachlorobiphenyl	10.254	10.179	10.379	51.550	50.000	3.1
Tetrachloro-m-xylene	4.525	4.438	4.638	53.110	50.000	6.2

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL03 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069872.D **Time Analyzed:** 01:26

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.920	4.834	5.034	451.250	500.000	-9.8
Aroclor-1016-2	4.940	4.853	5.053	471.590	500.000	-5.7
Aroclor-1016-3	5.117	5.030	5.230	481.160	500.000	-3.8
Aroclor-1016-4	5.159	5.072	5.272	446.290	500.000	-10.7
Aroclor-1016-5	5.373	5.288	5.488	471.380	500.000	-5.7
Aroclor-1260-1	6.411	6.326	6.526	543.110	500.000	8.6
Aroclor-1260-2	6.599	6.515	6.715	543.360	500.000	8.7
Aroclor-1260-3	6.754	6.670	6.870	471.020	500.000	-5.8
Aroclor-1260-4	7.226	7.142	7.342	514.580	500.000	2.9
Aroclor-1260-5	7.466	7.384	7.584	537.280	500.000	7.5
Decachlorobiphenyl	8.889	8.811	9.011	49.940	50.000	-0.1
Tetrachloro-m-xylene	3.830	3.740	3.940	49.520	50.000	-1.0

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 01:26
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:20:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.525	3.830	76032671	44195648	53.115m	49.517m
2)	SA Decachlor...	10.254	8.889	56340029	55854656	51.551	49.938
	Target Compounds						
3)	L1 AR-1016-1	5.678	4.920	23068825	14717583	497.892m	451.252m
4)	L1 AR-1016-2	5.701	4.940	34827716	21202001	513.099	471.591
5)	L1 AR-1016-3	5.763	5.117	21367432	11973227	501.623	481.162
6)	L1 AR-1016-4	5.860	5.159	17853174	9013444	510.084	446.292
7)	L1 AR-1016-5	6.153	5.373	15417585	12644314	466.372	471.382m
31)	L7 AR-1260-1	7.272	6.411	30523109	26193979	522.332	543.111
32)	L7 AR-1260-2	7.527	6.599	38638235	33309928	496.553	543.359
33)	L7 AR-1260-3	7.885	6.754	31985389	28334881	511.609	471.020m
34)	L7 AR-1260-4	8.109	7.226	32253570	23911137	488.863	514.575
35)	L7 AR-1260-5	8.431	7.466	65095190	59716390	497.191	537.283

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 01:26
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

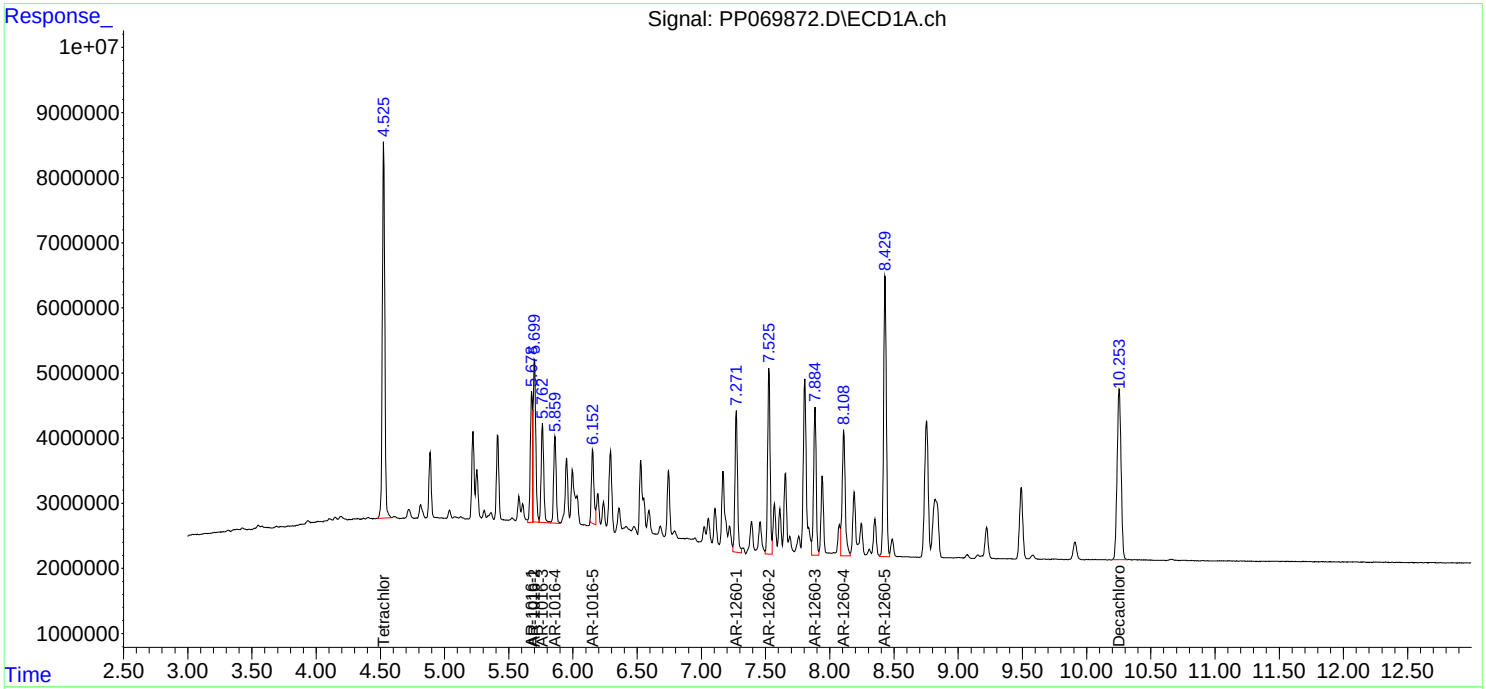
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

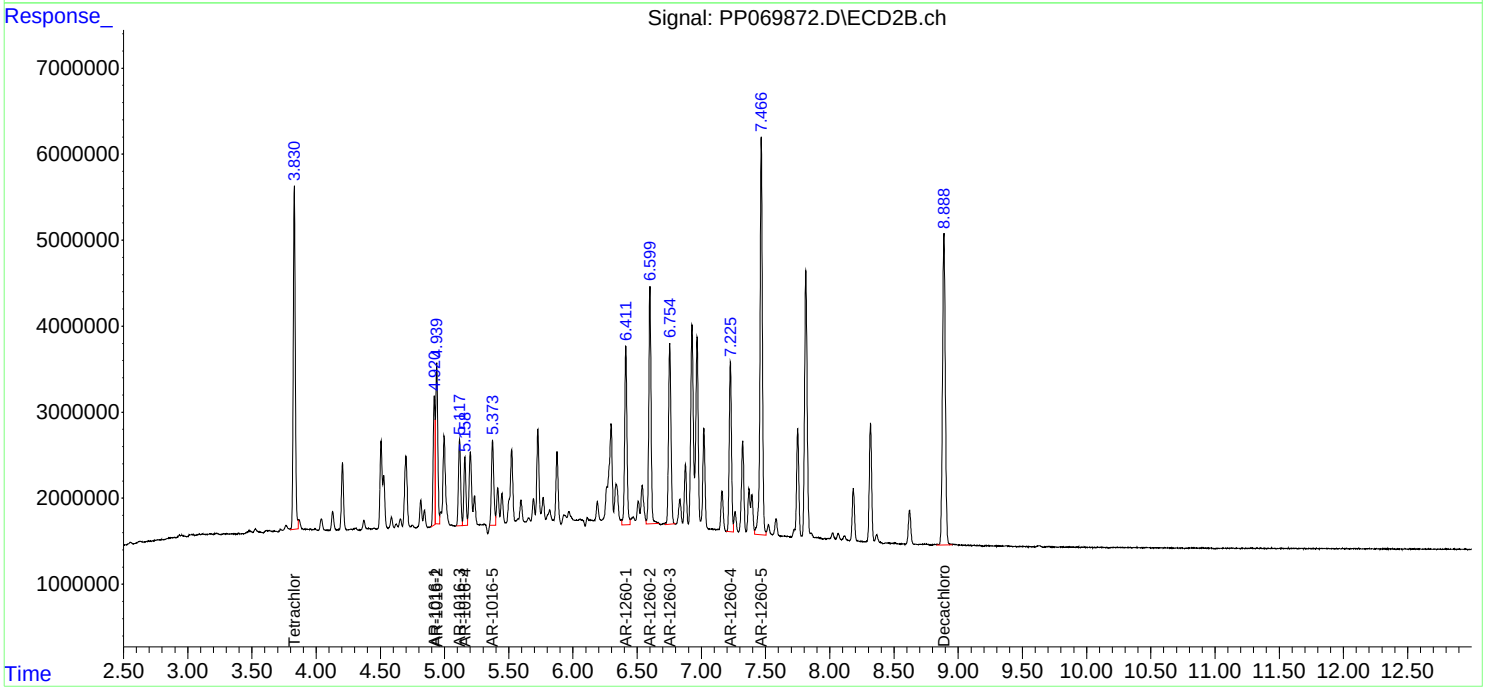
Manual Integrations APPROVED

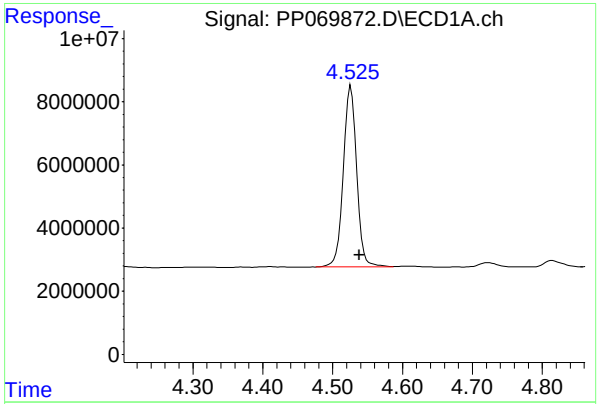
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:20:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







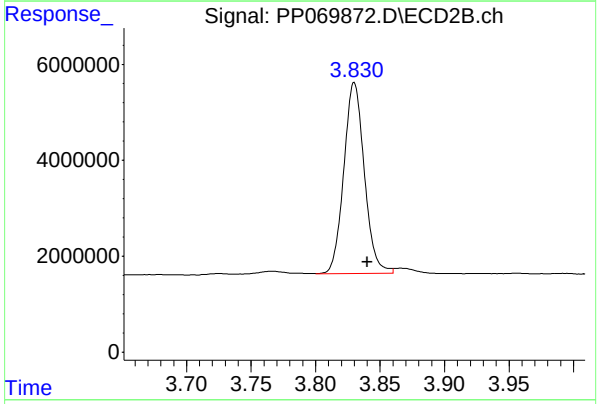
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 76032671
Conc: 53.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

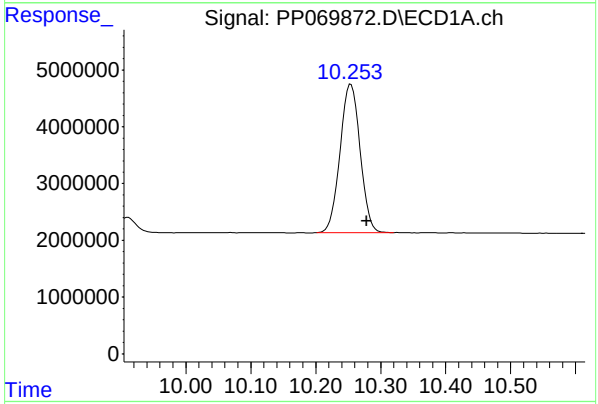
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



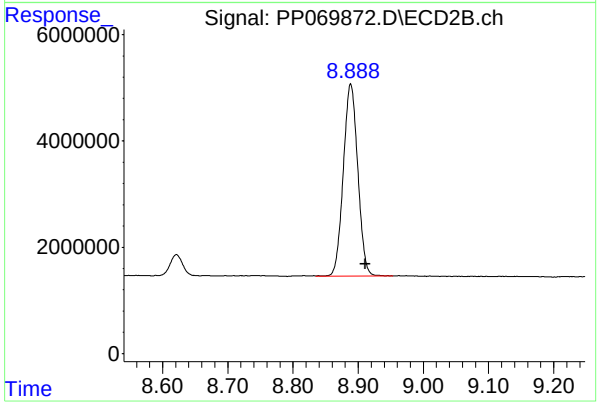
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 44195648
Conc: 49.52 ng/ml m



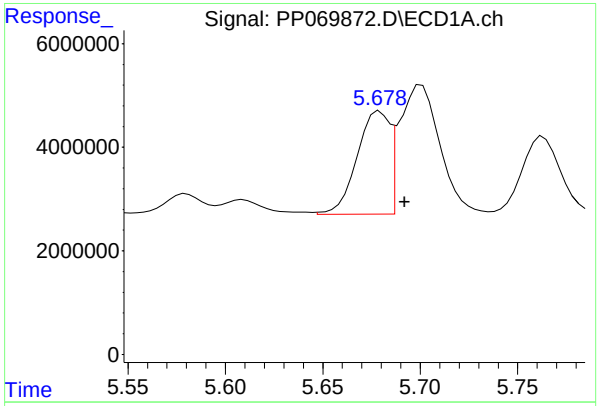
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.024 min
Response: 56340029
Conc: 51.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.023 min
Response: 55854656
Conc: 49.94 ng/ml



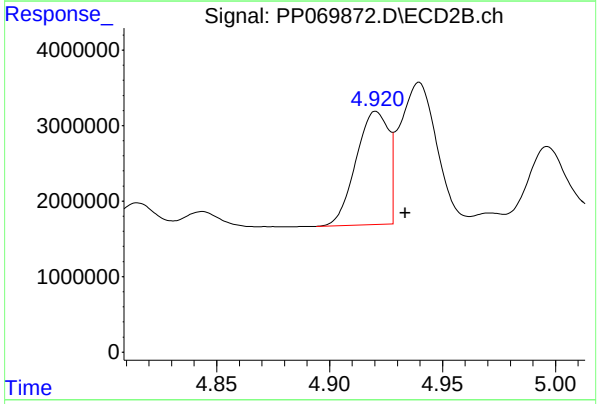
#3 AR-1016-1

R.T.: 5.678 min
Delta R.T.: -0.014 mi
Response: 23068825
Conc: 497.89 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

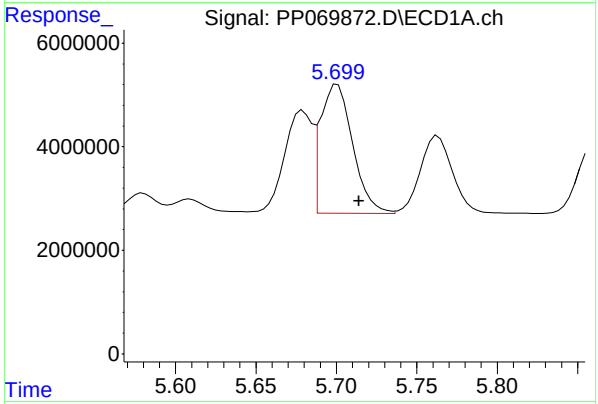
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



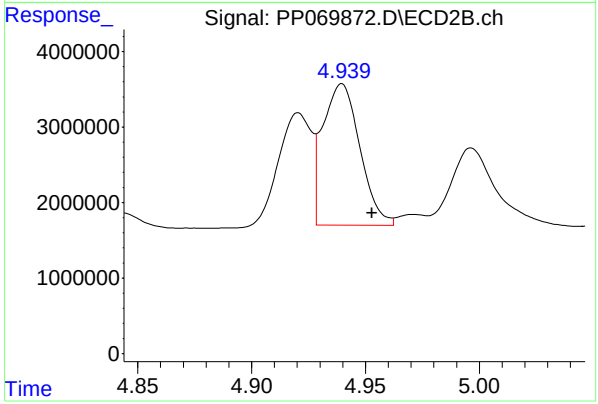
#3 AR-1016-1

R.T.: 4.920 min
Delta R.T.: -0.014 min
Response: 14717583
Conc: 451.25 ng/ml m



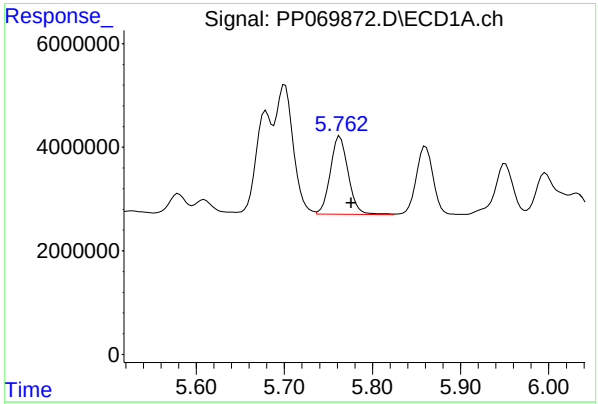
#4 AR-1016-2

R.T.: 5.701 min
Delta R.T.: -0.013 min
Response: 34827716
Conc: 513.10 ng/ml



#4 AR-1016-2

R.T.: 4.940 min
Delta R.T.: -0.013 min
Response: 21202001
Conc: 471.59 ng/ml



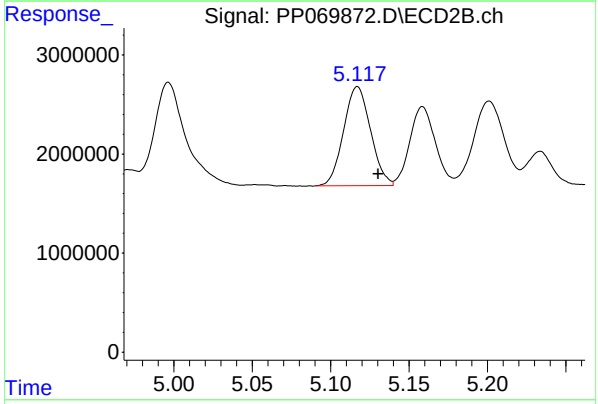
#5 AR-1016-3

R.T.: 5.763 min
Delta R.T.: -0.013 min
Response: 21367432
Conc: 501.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

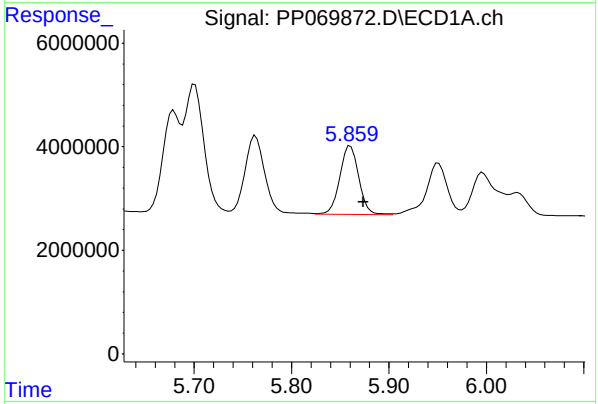
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



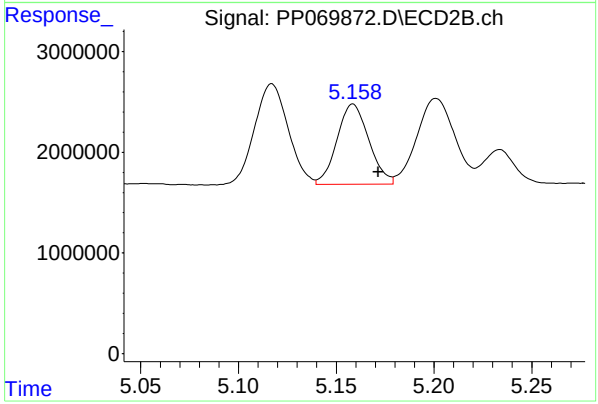
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 11973227
Conc: 481.16 ng/ml



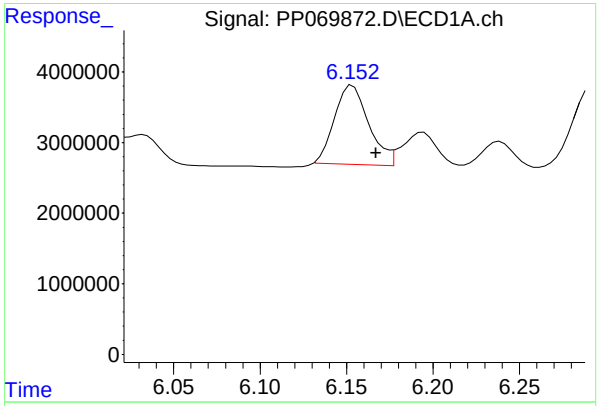
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.013 min
Response: 17853174
Conc: 510.08 ng/ml



#6 AR-1016-4

R.T.: 5.159 min
Delta R.T.: -0.013 min
Response: 9013444
Conc: 446.29 ng/ml



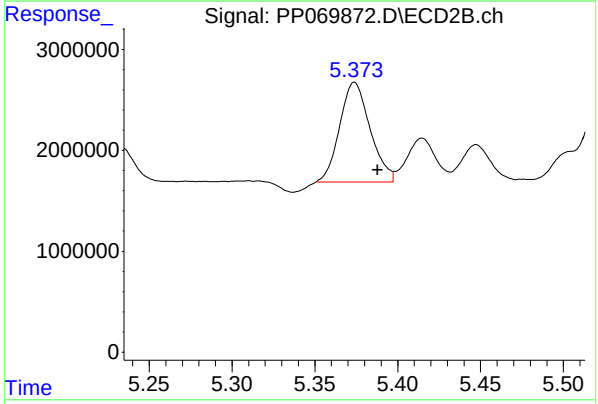
#7 AR-1016-5

R.T.: 6.153 min
Delta R.T.: -0.014 mi
Response: 15417585
Conc: 466.37 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

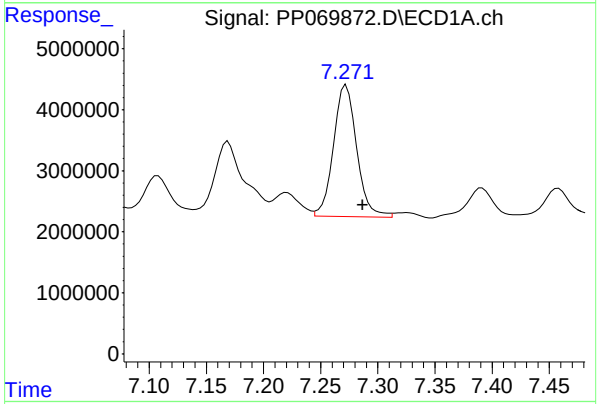
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



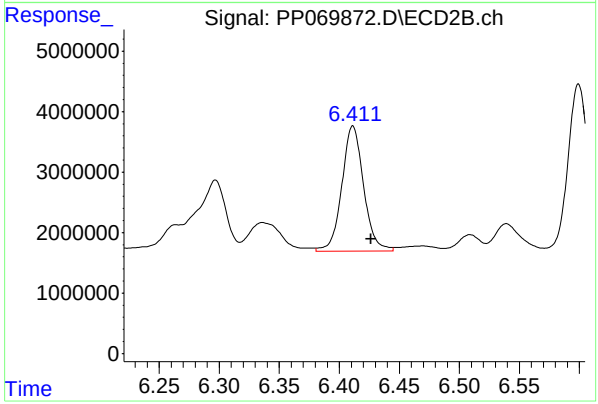
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 12644314
Conc: 471.38 ng/ml m



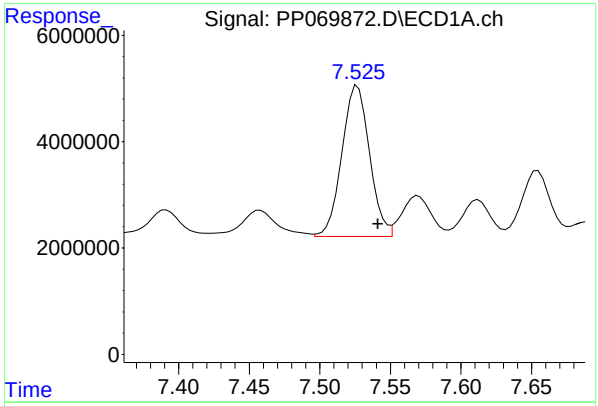
#31 AR-1260-1

R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 30523109
Conc: 522.33 ng/ml



#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.015 min
Response: 26193979
Conc: 543.11 ng/ml



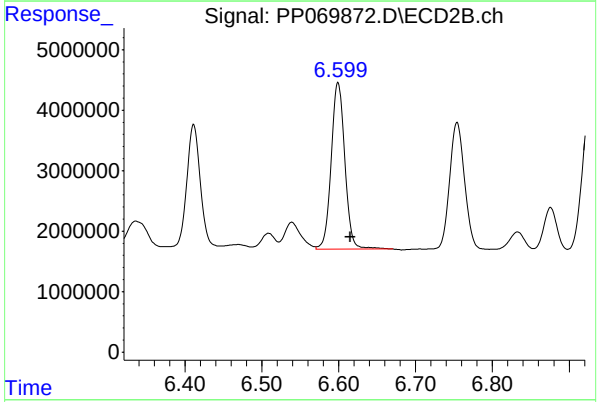
#32 AR-1260-2

R.T.: 7.527 min
Delta R.T.: -0.014 mi
Response: 38638235
Conc: 496.55 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

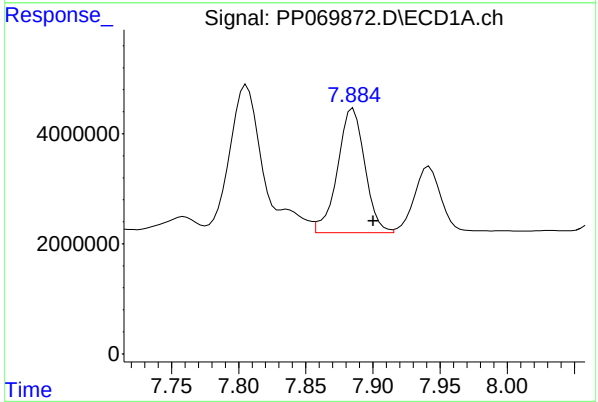
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



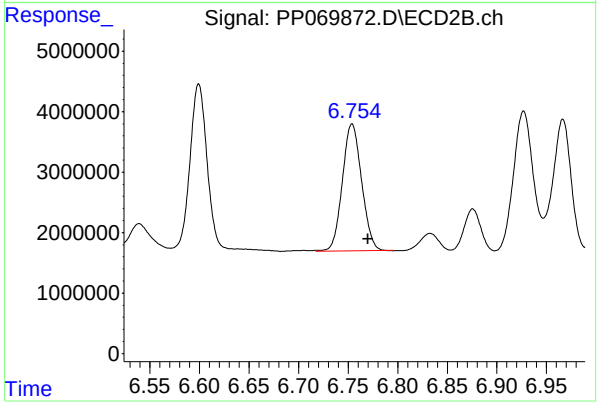
#32 AR-1260-2

R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 33309928
Conc: 543.36 ng/ml



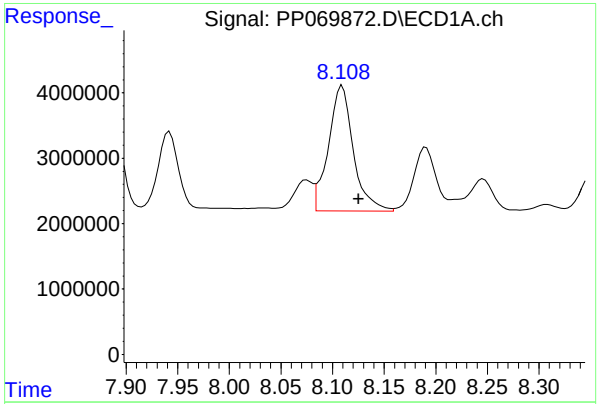
#33 AR-1260-3

R.T.: 7.885 min
Delta R.T.: -0.015 min
Response: 31985389
Conc: 511.61 ng/ml



#33 AR-1260-3

R.T.: 6.754 min
Delta R.T.: -0.016 min
Response: 28334881
Conc: 471.02 ng/ml m



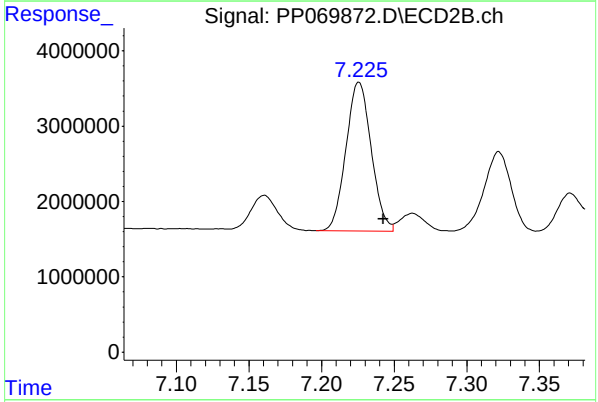
#34 AR-1260-4

R.T.: 8.109 min
Delta R.T.: -0.016 min
Response: 32253570
Conc: 488.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

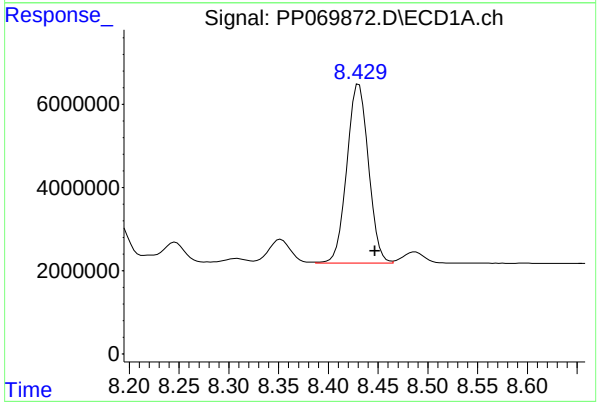
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



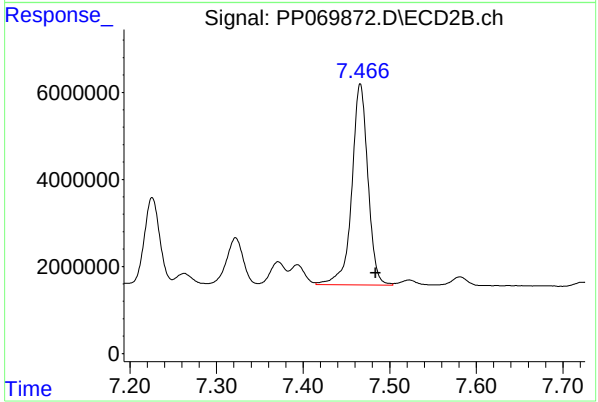
#34 AR-1260-4

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 23911137
Conc: 514.58 ng/ml



#35 AR-1260-5

R.T.: 8.431 min
Delta R.T.: -0.016 min
Response: 65095190
Conc: 497.19 ng/ml



#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.018 min
Response: 59716390
Conc: 537.28 ng/ml

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 02:31 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	6.53	6.54	6.44	6.64	0.01
Aroclor-1254-2	(2)	6.75	6.76	6.66	6.86	0.01
Aroclor-1254-3	(3)	7.11	7.12	7.02	7.22	0.01
Aroclor-1254-4	(4)	7.39	7.40	7.30	7.50	0.01
Aroclor-1254-5	(5)	7.81	7.82	7.72	7.92	0.01
Tetrachloro-m-xylene		4.53	4.53	4.43	4.63	0.00
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 02:31 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	5.73	5.74	5.64	5.84	0.01
Aroclor-1254-2	(2)	5.88	5.89	5.79	5.99	0.01
Aroclor-1254-3	(3)	6.28	6.30	6.20	6.40	0.02
Aroclor-1254-4	(4)	6.51	6.52	6.42	6.62	0.01
Aroclor-1254-5	(5)	6.93	6.94	6.84	7.04	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL04 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069875.D **Time Analyzed:** 02:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	6.530	6.439	6.639	516.830	500.000	3.4
Aroclor-1254-2	6.746	6.656	6.856	581.880	500.000	16.4
Aroclor-1254-3	7.108	7.019	7.219	560.730	500.000	12.1
Aroclor-1254-4	7.390	7.301	7.501	557.460	500.000	11.5
Aroclor-1254-5	7.808	7.719	7.919	528.510	500.000	5.7
Decachlorobiphenyl	10.254	10.175	10.375	53.220	50.000	6.4
Tetrachloro-m-xylene	4.526	4.434	4.634	55.750	50.000	11.5

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL04 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069875.D **Time Analyzed:** 02:31

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.726	5.642	5.842	529.150	500.000	5.8
Aroclor-1254-2	5.875	5.790	5.990	533.990	500.000	6.8
Aroclor-1254-3	6.280	6.195	6.395	522.840	500.000	4.6
Aroclor-1254-4	6.508	6.423	6.623	529.870	500.000	6.0
Aroclor-1254-5	6.927	6.844	7.044	518.160	500.000	3.6
Decachlorobiphenyl	8.889	8.809	9.009	48.300	50.000	-3.4
Tetrachloro-m-xylene	3.829	3.740	3.940	53.960	50.000	7.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 02:31
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:21:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.829	79806702	48157771	55.751	53.956m
2)	SA Decachlor...	10.254	8.889	58167238	54025826	53.223	48.303
	Target Compounds						
26)	L6 AR-1254-1	6.530	5.726	29905589	29132700	516.828	529.149
27)	L6 AR-1254-2	6.746	5.875	46691292	25828579	581.882	533.993
28)	L6 AR-1254-3	7.108	6.280	47263049	39681374	560.730	522.838
29)	L6 AR-1254-4	7.390	6.508	38012174	27155531	557.463	529.867
30)	L6 AR-1254-5	7.808	6.927	35963318	34489188	528.514	518.163

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 02:31
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

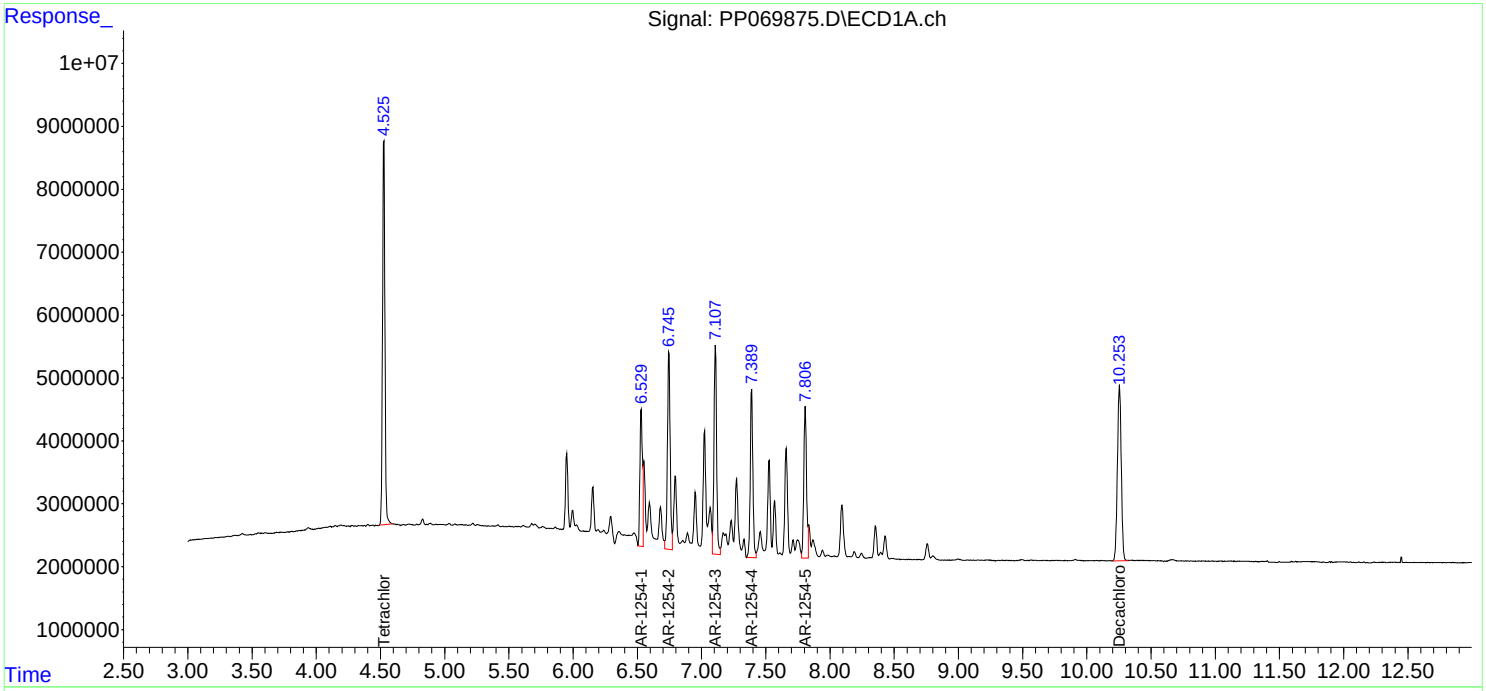
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

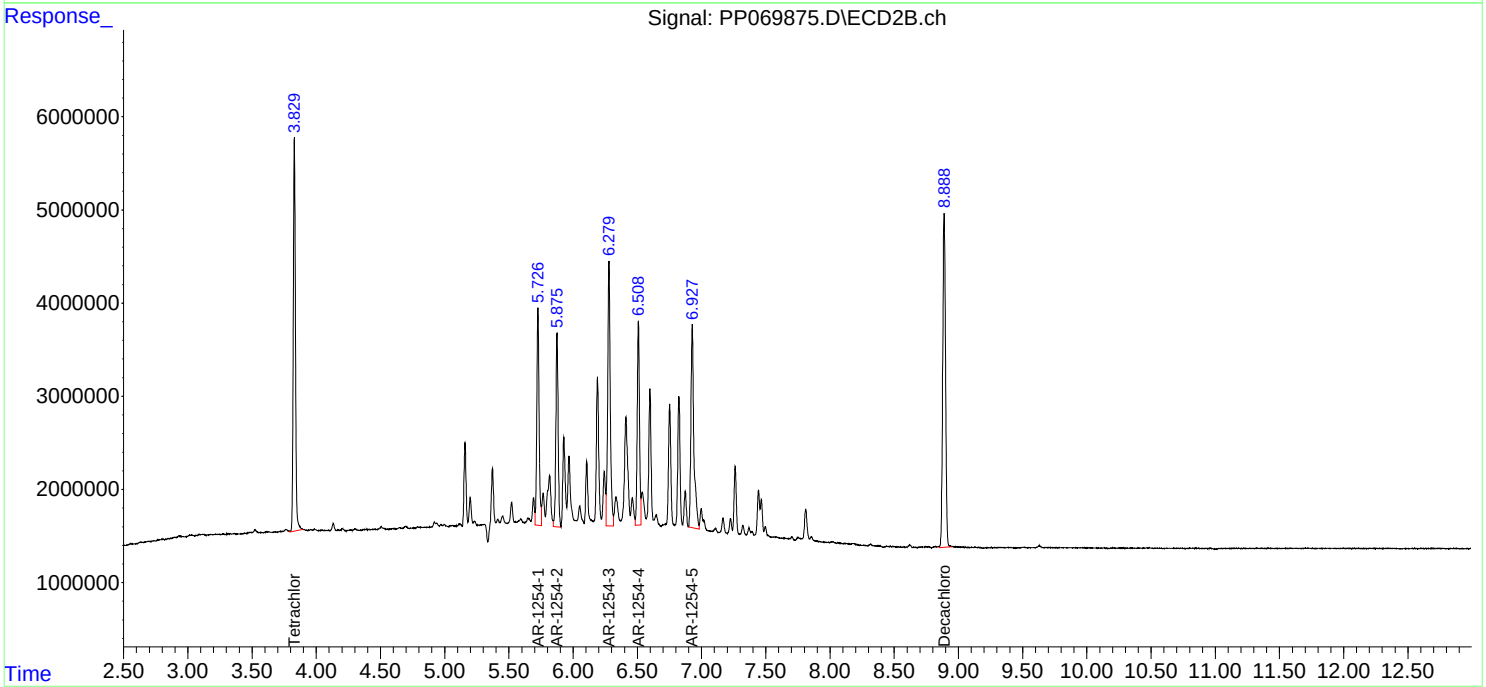
Manual Integrations APPROVED

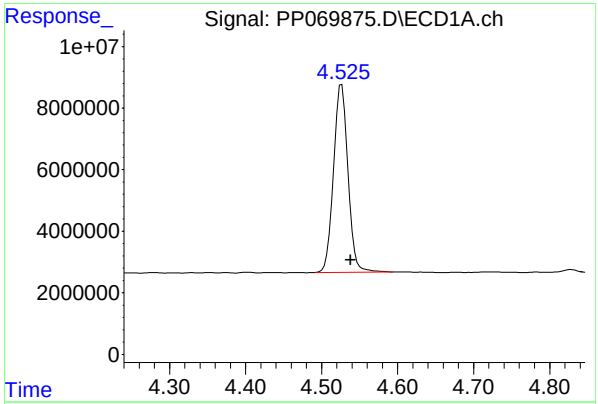
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:21:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.012 mi
Response: 79806702
Conc: 55.75 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations
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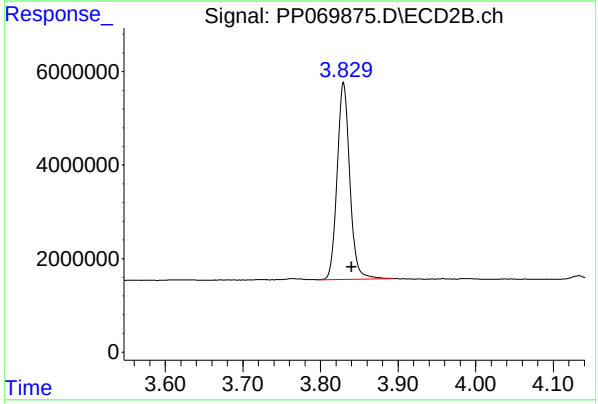
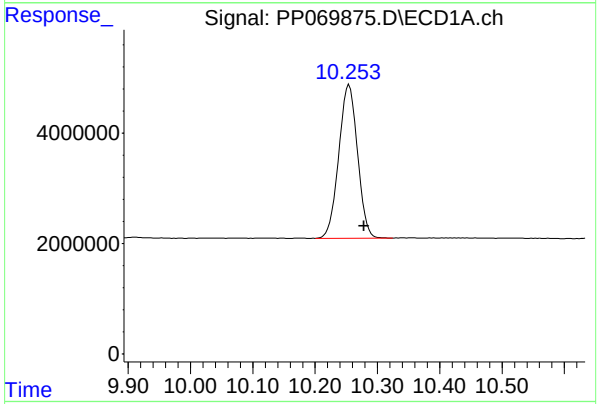
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



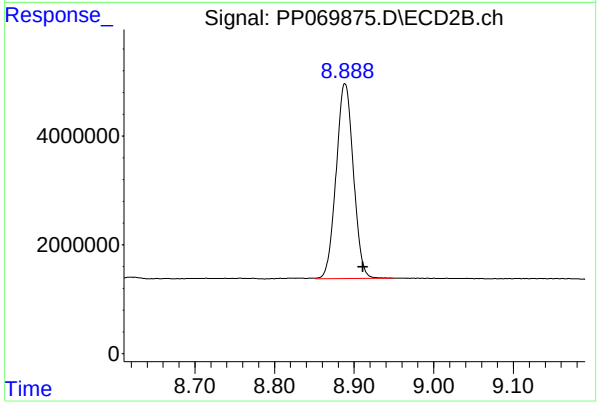
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 48157771
Conc: 53.96 ng/ml m



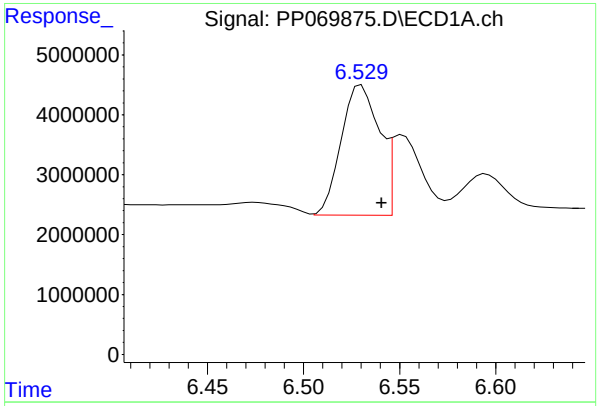
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.024 min
Response: 58167238
Conc: 53.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.023 min
Response: 54025826
Conc: 48.30 ng/ml



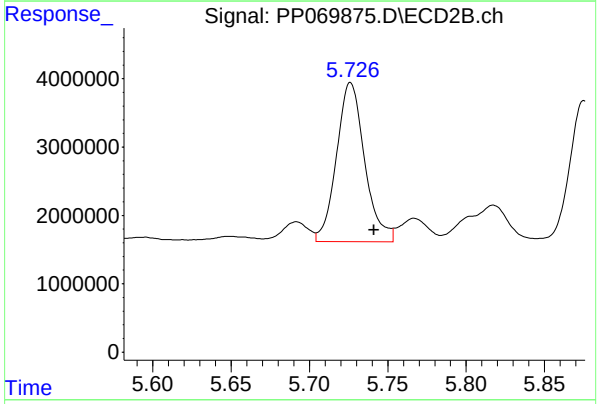
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.011 min
Response: 29905589
Conc: 516.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

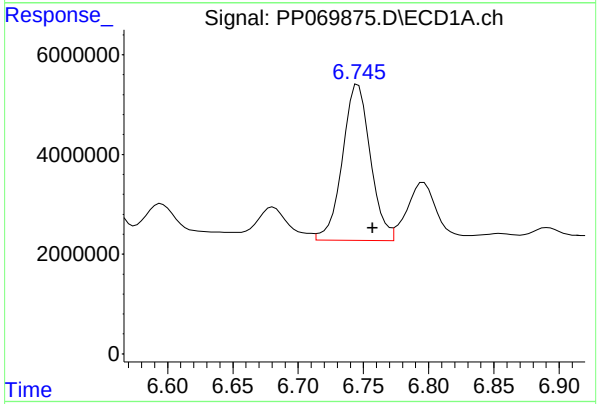
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



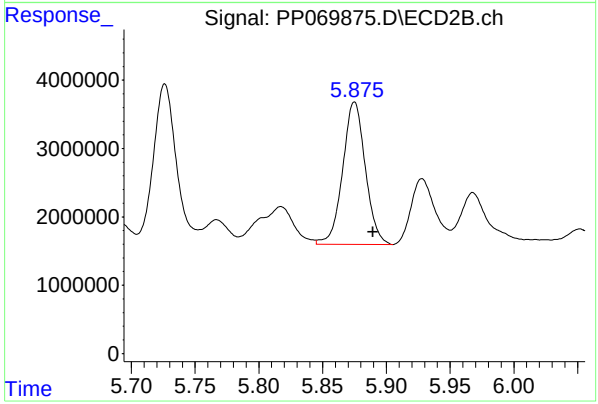
#26 AR-1254-1

R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 29132700
Conc: 529.15 ng/ml



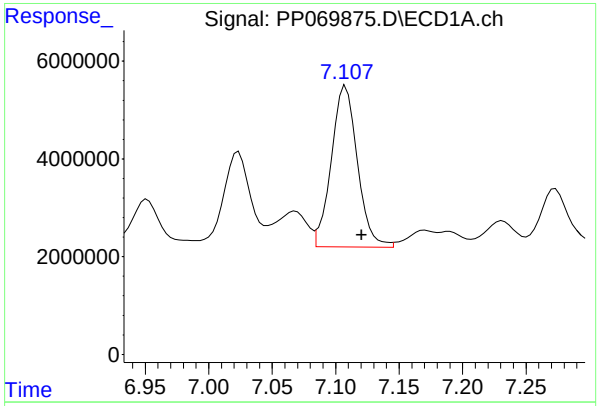
#27 AR-1254-2

R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 46691292
Conc: 581.88 ng/ml



#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 25828579
Conc: 533.99 ng/ml



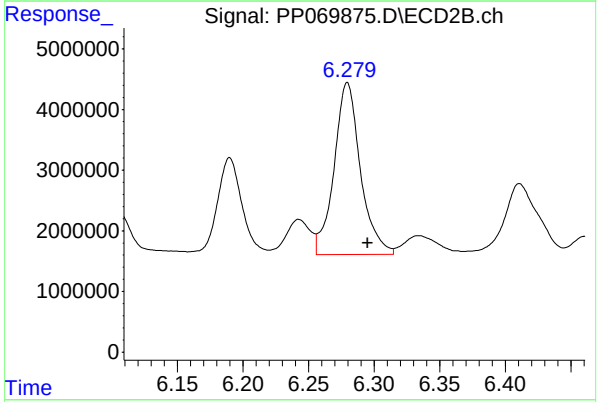
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: -0.012 min
Response: 47263049
Conc: 560.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

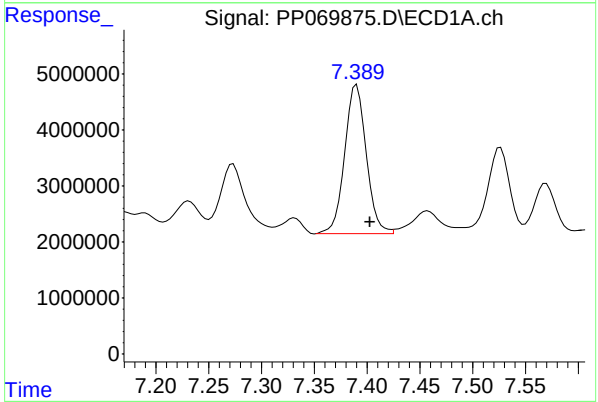
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



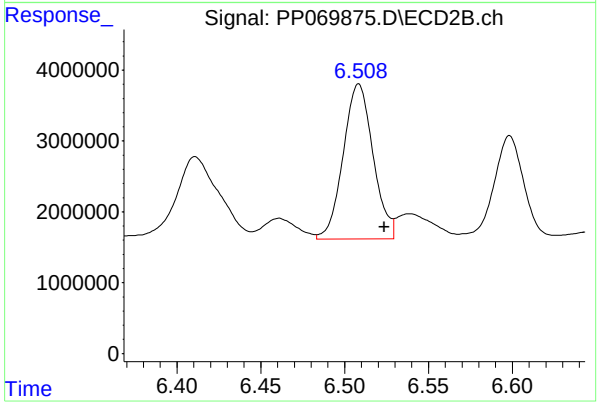
#28 AR-1254-3

R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 39681374
Conc: 522.84 ng/ml



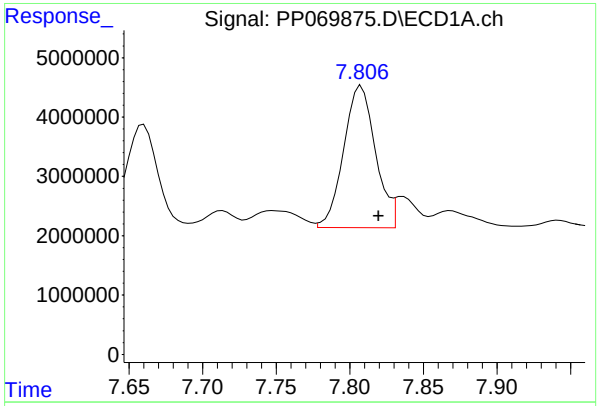
#29 AR-1254-4

R.T.: 7.390 min
Delta R.T.: -0.012 min
Response: 38012174
Conc: 557.46 ng/ml



#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 27155531
Conc: 529.87 ng/ml



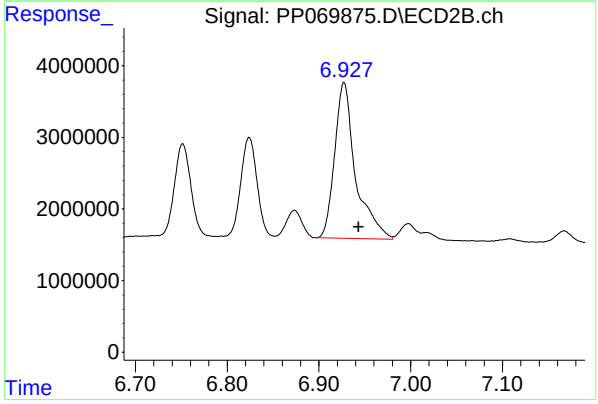
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.012 min
Response: 35963318
Conc: 528.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



#30 AR-1254-5

R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 34489188
Conc: 518.16 ng/ml

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 06:02 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-2	(2)	5.70	5.71	5.61	5.81	0.01
Aroclor-1016-3	(3)	5.76	5.78	5.68	5.88	0.02
Aroclor-1016-4	(4)	5.86	5.87	5.77	5.97	0.01
Aroclor-1016-5	(5)	6.15	6.17	6.07	6.27	0.02
Aroclor-1260-1	(1)	7.27	7.29	7.19	7.39	0.02
Aroclor-1260-2	(2)	7.52	7.54	7.44	7.64	0.02
Aroclor-1260-3	(3)	7.88	7.90	7.80	8.00	0.02
Aroclor-1260-4	(4)	8.11	8.13	8.03	8.23	0.02
Aroclor-1260-5	(5)	8.43	8.45	8.35	8.55	0.02
Tetrachloro-m-xylene		4.52	4.54	4.44	4.64	0.02
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 06:02 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.92	4.93	4.83	5.03	0.01
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.12	5.13	5.03	5.23	0.01
Aroclor-1016-4	(4)	5.16	5.17	5.07	5.27	0.01
Aroclor-1016-5	(5)	5.37	5.39	5.29	5.49	0.02
Aroclor-1260-1	(1)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-2	(2)	6.60	6.62	6.52	6.72	0.02
Aroclor-1260-3	(3)	6.75	6.77	6.67	6.87	0.02
Aroclor-1260-4	(4)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-5	(5)	7.47	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL05 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069885.D **Time Analyzed:** 06:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.675	5.592	5.792	559.400	500.000	11.9
Aroclor-1016-2	5.698	5.614	5.814	520.300	500.000	4.1
Aroclor-1016-3	5.761	5.676	5.876	500.940	500.000	0.2
Aroclor-1016-4	5.858	5.774	5.974	511.830	500.000	2.4
Aroclor-1016-5	6.150	6.067	6.267	509.960	500.000	2.0
Aroclor-1260-1	7.271	7.187	7.387	549.670	500.000	9.9
Aroclor-1260-2	7.524	7.441	7.641	516.550	500.000	3.3
Aroclor-1260-3	7.884	7.800	8.000	532.790	500.000	6.6
Aroclor-1260-4	8.108	8.025	8.225	508.370	500.000	1.7
Aroclor-1260-5	8.428	8.347	8.547	507.550	500.000	1.5
Decachlorobiphenyl	10.252	10.179	10.379	51.700	50.000	3.4
Tetrachloro-m-xylene	4.522	4.438	4.638	54.320	50.000	8.6

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL05 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069885.D **Time Analyzed:** 06:02

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.920	4.834	5.034	451.840	500.000	-9.6
Aroclor-1016-2	4.940	4.853	5.053	478.020	500.000	-4.4
Aroclor-1016-3	5.117	5.030	5.230	493.950	500.000	-1.2
Aroclor-1016-4	5.159	5.072	5.272	448.920	500.000	-10.2
Aroclor-1016-5	5.374	5.288	5.488	492.010	500.000	-1.6
Aroclor-1260-1	6.412	6.326	6.526	527.160	500.000	5.4
Aroclor-1260-2	6.600	6.515	6.715	515.170	500.000	3.0
Aroclor-1260-3	6.754	6.670	6.870	455.350	500.000	-8.9
Aroclor-1260-4	7.227	7.142	7.342	507.470	500.000	1.5
Aroclor-1260-5	7.468	7.384	7.584	530.560	500.000	6.1
Decachlorobiphenyl	8.890	8.811	9.011	50.910	50.000	1.8
Tetrachloro-m-xylene	3.830	3.740	3.940	51.220	50.000	2.4

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 06:02
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 07:42:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.522	3.830	77751671	45716680	54.316m	51.221m
2)	SA Decachlor...	10.252	8.890	56506651	56946123	51.703	50.914
	Target Compounds						
3)	L1 AR-1016-1	5.675	4.920	25918872	14736778	559.404m	451.840m
4)	L1 AR-1016-2	5.698	4.940	35316215	21490872	520.296	478.017
5)	L1 AR-1016-3	5.761	5.117	21338362	12291490	500.940	493.952
6)	L1 AR-1016-4	5.858	5.159	17914118	9066429	511.825	448.916
7)	L1 AR-1016-5	6.150	5.374	16858514	13197516	509.959m	492.006m
31)	L7 AR-1260-1	7.271	6.412	32120436	25424871	549.666	527.164
32)	L7 AR-1260-2	7.524	6.600	40194252	31581904	516.550	515.171
33)	L7 AR-1260-3	7.884	6.754	33309612	27392480	532.790	455.354m
34)	L7 AR-1260-4	8.108	7.227	33540359	23581080	508.366	507.472
35)	L7 AR-1260-5	8.428	7.468	66451583	58969327	507.551	530.562

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

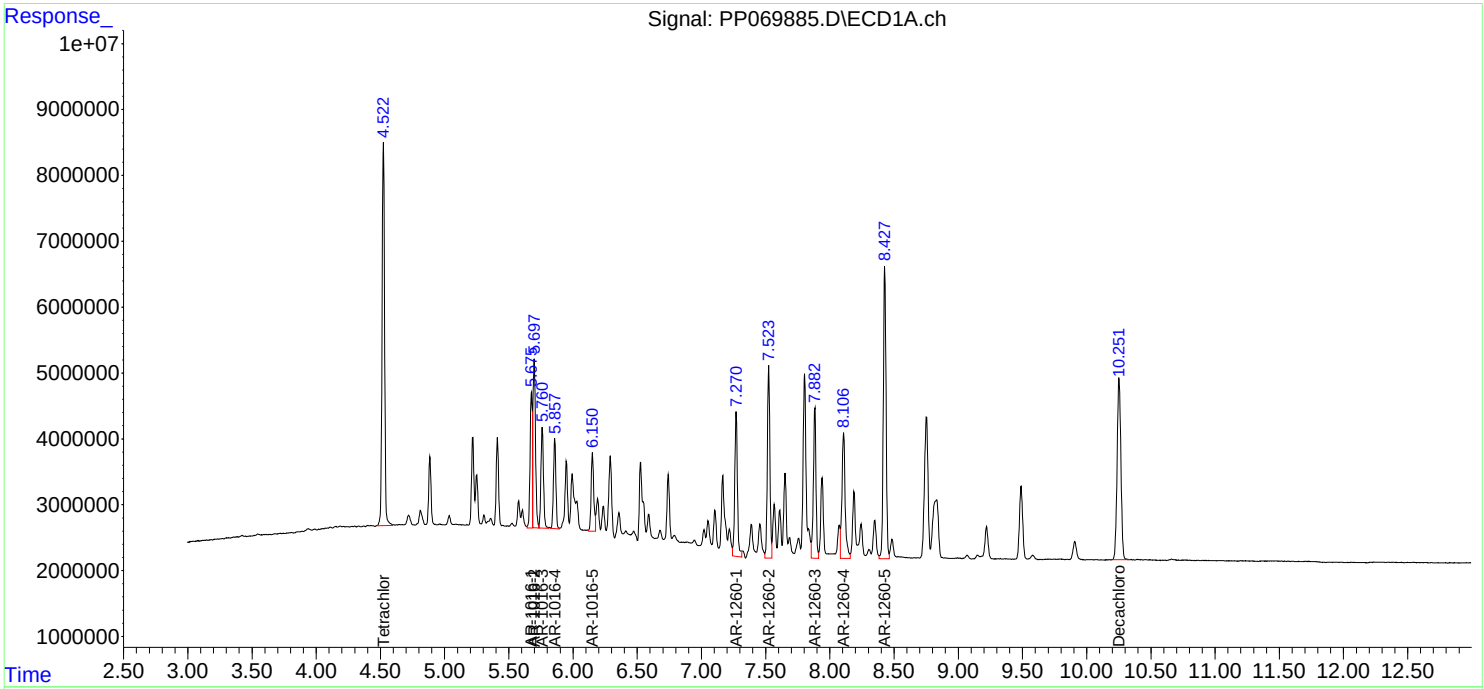
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 06:02
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

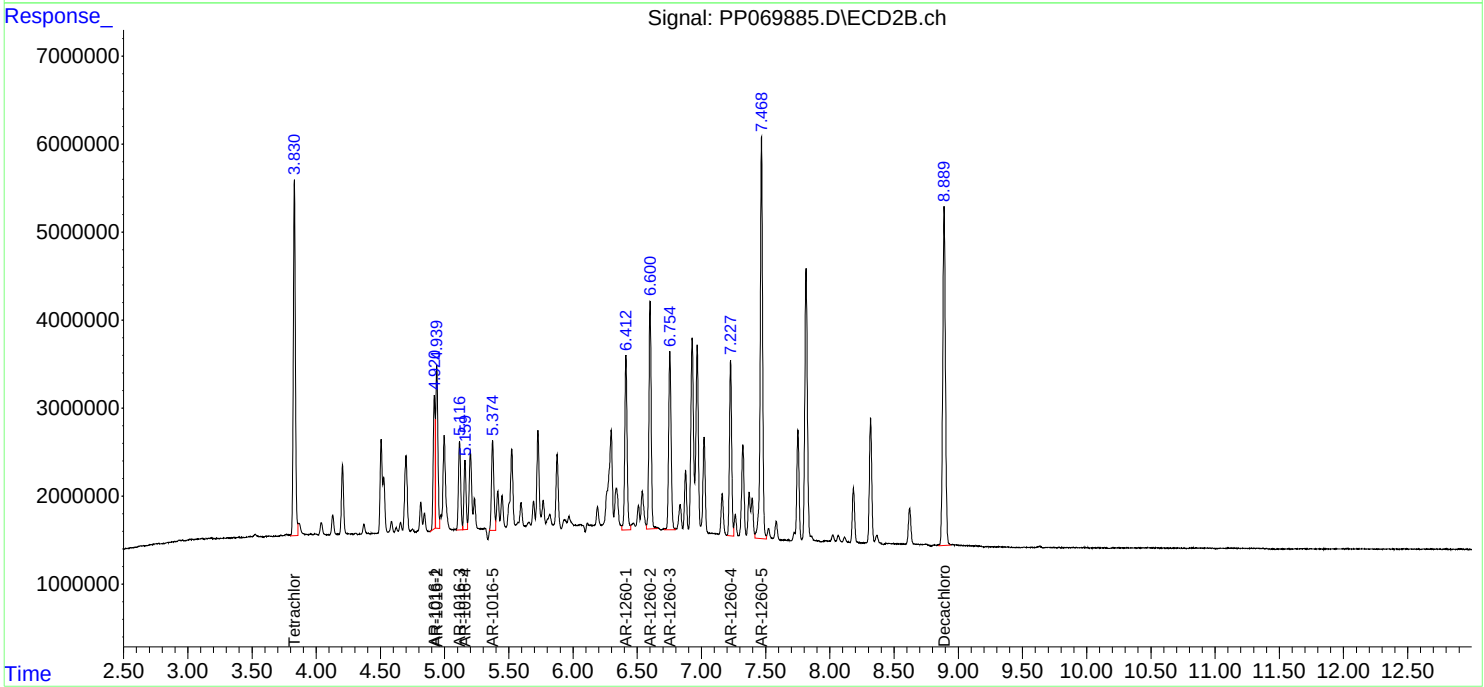
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

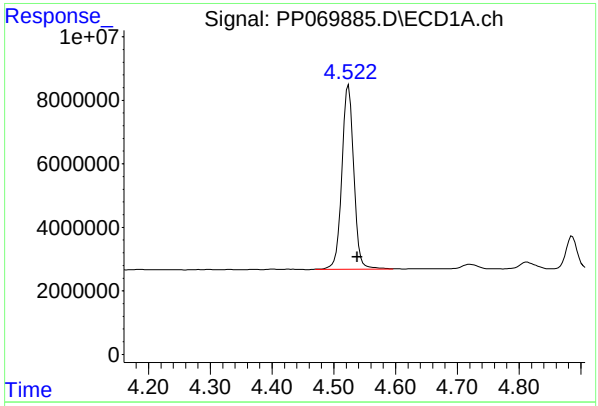
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 07:42:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







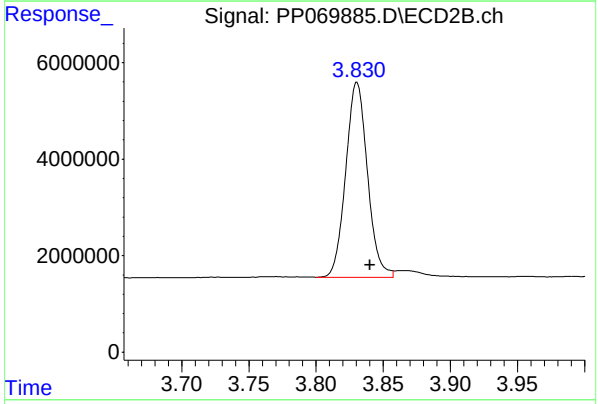
#1 Tetrachloro-m-xylene

R.T.: 4.522 min
Delta R.T.: -0.016 mi
Response: 77751671
Conc: 54.32 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

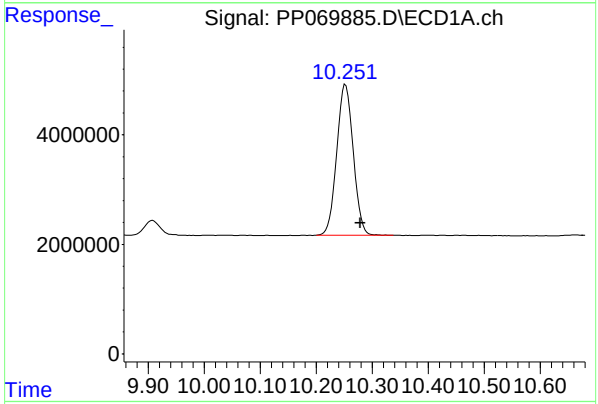
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



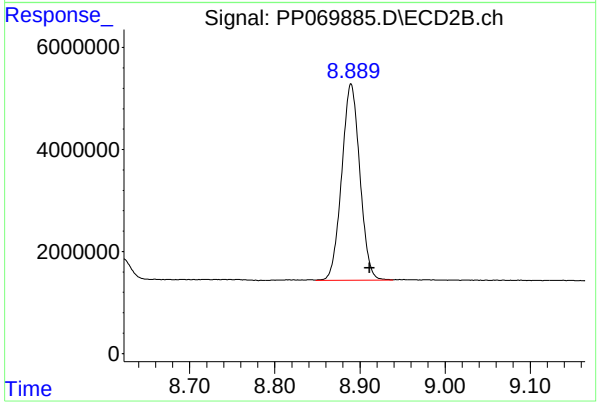
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 45716680
Conc: 51.22 ng/ml m



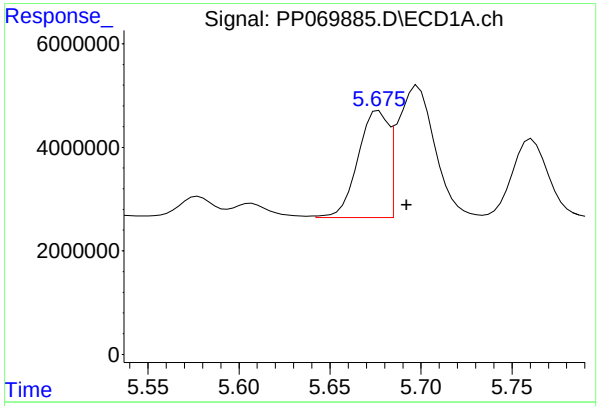
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.026 min
Response: 56506651
Conc: 51.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.890 min
Delta R.T.: -0.022 min
Response: 56946123
Conc: 50.91 ng/ml



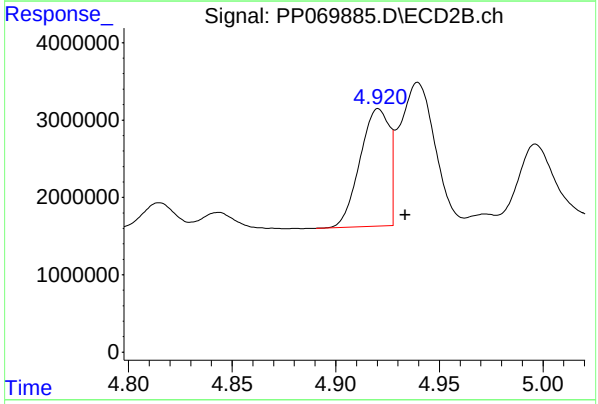
#3 AR-1016-1

R.T.: 5.675 min
Delta R.T.: -0.017 min
Response: 25918872
Conc: 559.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

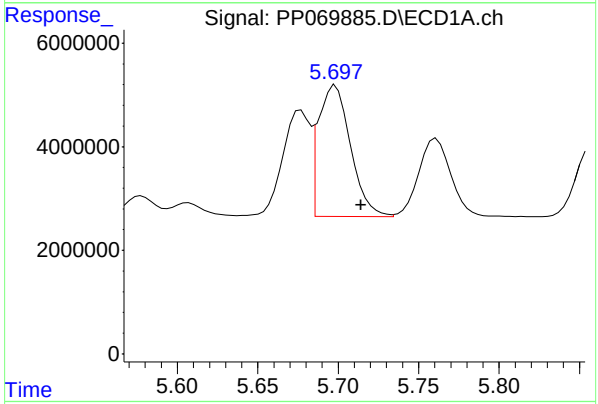
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



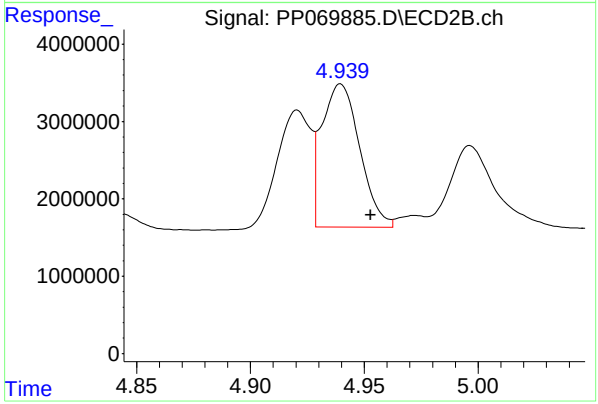
#3 AR-1016-1

R.T.: 4.920 min
Delta R.T.: -0.013 min
Response: 14736778
Conc: 451.84 ng/ml m



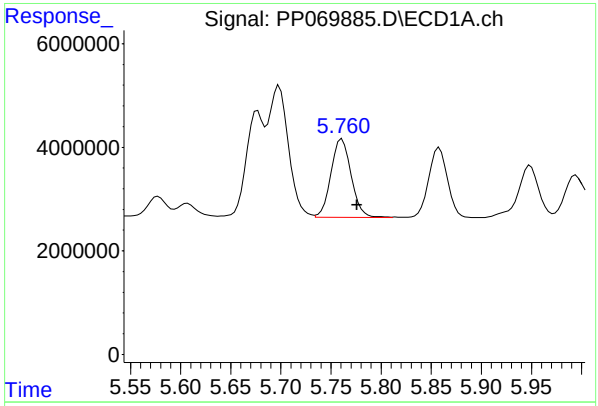
#4 AR-1016-2

R.T.: 5.698 min
Delta R.T.: -0.016 min
Response: 35316215
Conc: 520.30 ng/ml



#4 AR-1016-2

R.T.: 4.940 min
Delta R.T.: -0.013 min
Response: 21490872
Conc: 478.02 ng/ml



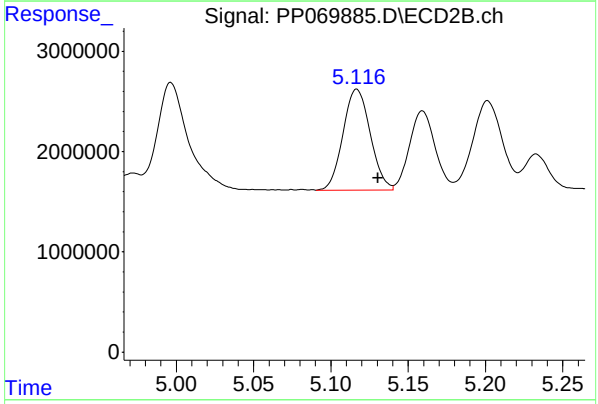
#5 AR-1016-3

R.T.: 5.761 min
Delta R.T.: -0.015 min
Response: 21338362
Conc: 500.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

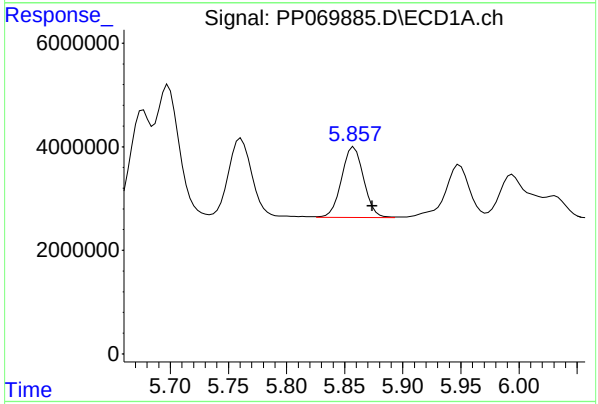
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



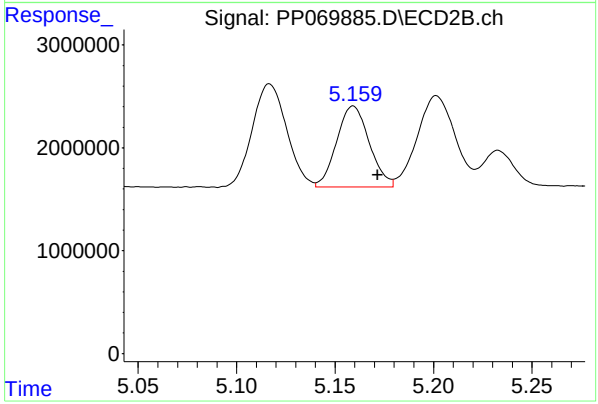
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.014 min
Response: 12291490
Conc: 493.95 ng/ml



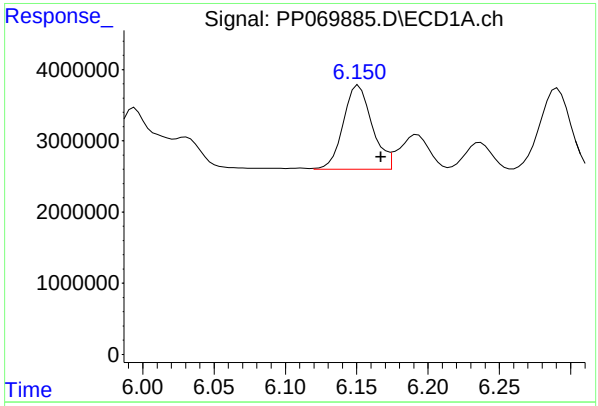
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: -0.016 min
Response: 17914118
Conc: 511.83 ng/ml



#6 AR-1016-4

R.T.: 5.159 min
Delta R.T.: -0.012 min
Response: 9066429
Conc: 448.92 ng/ml



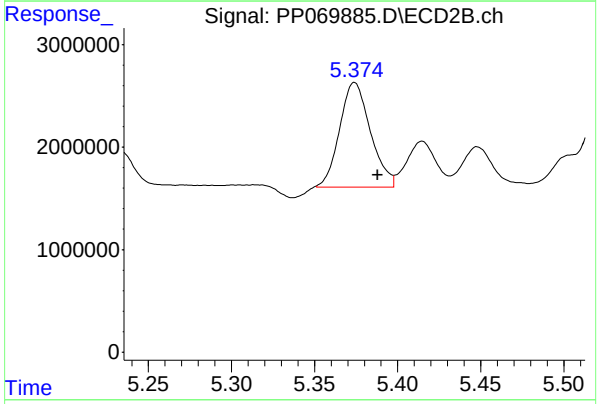
#7 AR-1016-5

R.T.: 6.150 min
Delta R.T.: -0.017 min
Response: 16858514
Conc: 509.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

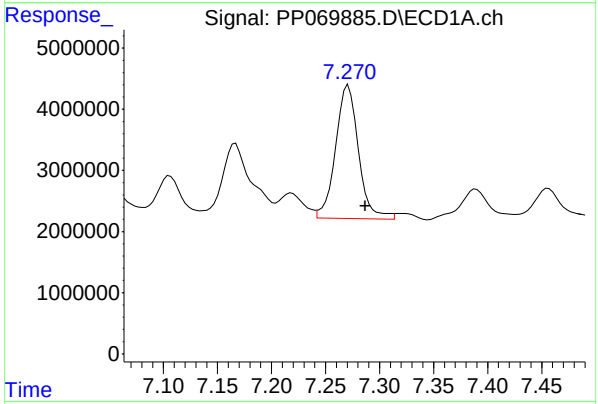
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



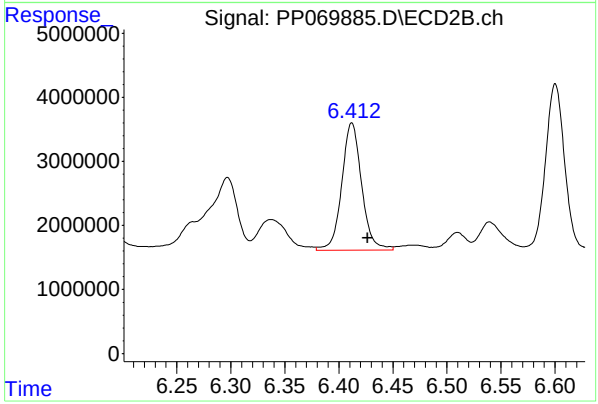
#7 AR-1016-5

R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 13197516
Conc: 492.01 ng/ml m



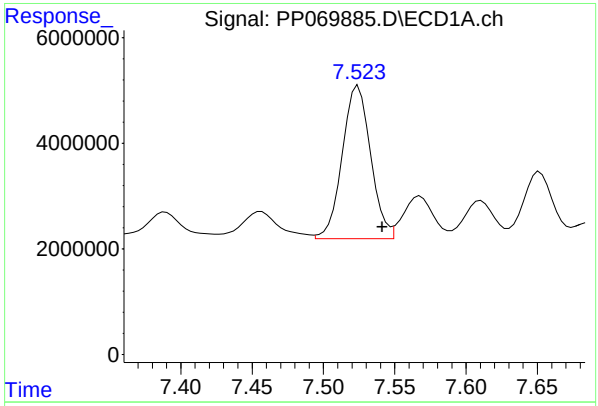
#31 AR-1260-1

R.T.: 7.271 min
Delta R.T.: -0.016 min
Response: 32120436
Conc: 549.67 ng/ml



#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.014 min
Response: 25424871
Conc: 527.16 ng/ml



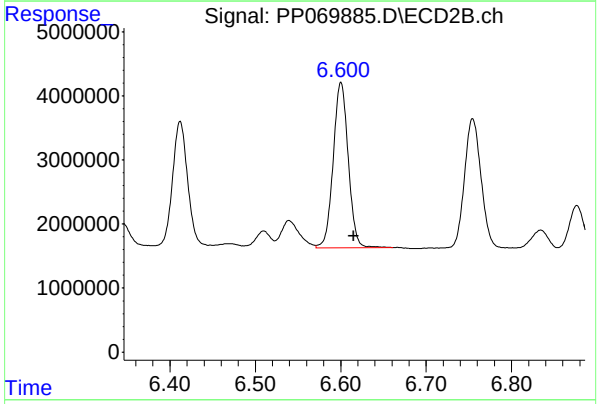
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: -0.017 mi
Response: 40194252
Conc: 516.55 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

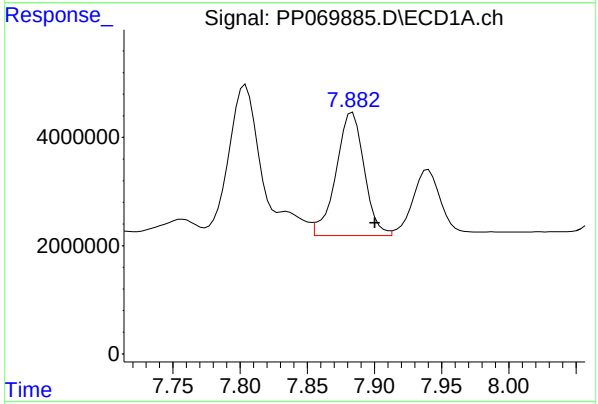
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



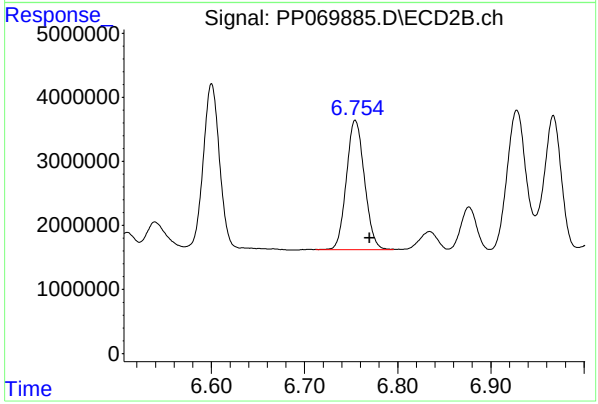
#32 AR-1260-2

R.T.: 6.600 min
Delta R.T.: -0.015 min
Response: 31581904
Conc: 515.17 ng/ml



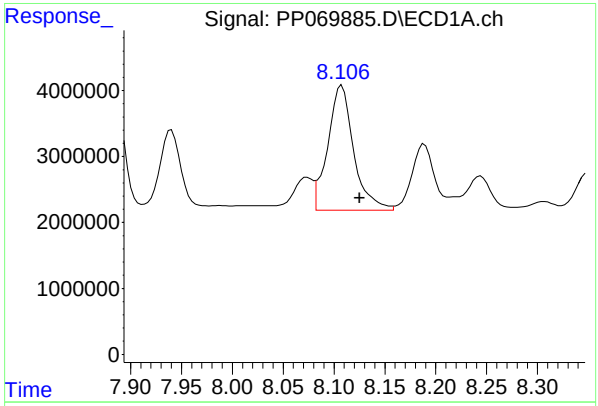
#33 AR-1260-3

R.T.: 7.884 min
Delta R.T.: -0.017 min
Response: 33309612
Conc: 532.79 ng/ml



#33 AR-1260-3

R.T.: 6.754 min
Delta R.T.: -0.016 min
Response: 27392480
Conc: 455.35 ng/ml m



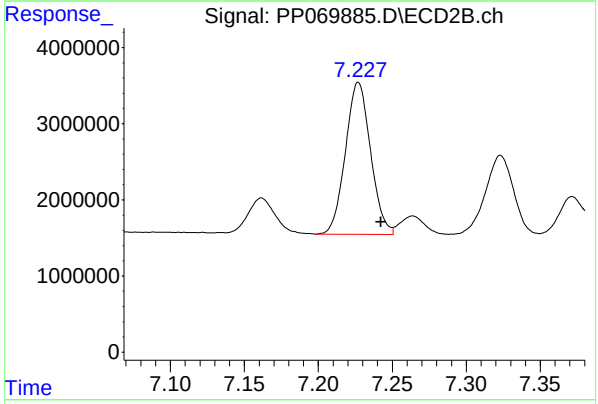
#34 AR-1260-4

R.T.: 8.108 min
Delta R.T.: -0.018 min
Response: 33540359
Conc: 508.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

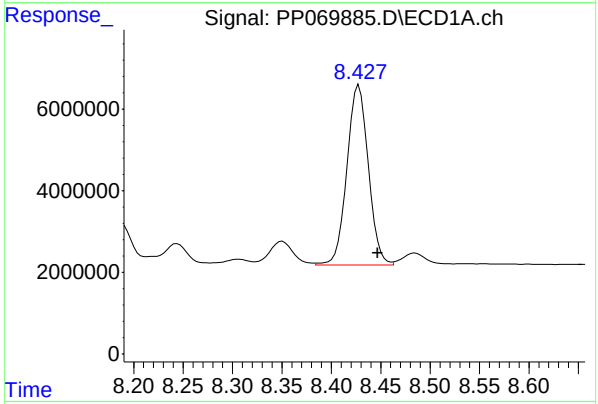
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



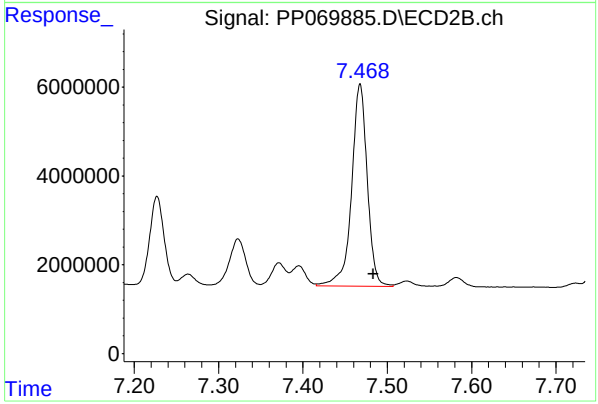
#34 AR-1260-4

R.T.: 7.227 min
Delta R.T.: -0.015 min
Response: 23581080
Conc: 507.47 ng/ml



#35 AR-1260-5

R.T.: 8.428 min
Delta R.T.: -0.019 min
Response: 66451583
Conc: 507.55 ng/ml



#35 AR-1260-5

R.T.: 7.468 min
Delta R.T.: -0.016 min
Response: 58969327
Conc: 530.56 ng/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 21:28 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-2	(2)	5.70	5.71	5.61	5.81	0.01
Aroclor-1016-3	(3)	5.76	5.78	5.68	5.88	0.02
Aroclor-1016-4	(4)	5.86	5.87	5.77	5.97	0.01
Aroclor-1016-5	(5)	6.15	6.17	6.07	6.27	0.02
Aroclor-1260-1	(1)	7.27	7.29	7.19	7.39	0.02
Aroclor-1260-2	(2)	7.53	7.54	7.44	7.64	0.01
Aroclor-1260-3	(3)	7.88	7.90	7.80	8.00	0.02
Aroclor-1260-4	(4)	8.11	8.13	8.03	8.23	0.02
Aroclor-1260-5	(5)	8.43	8.45	8.35	8.55	0.02
Tetrachloro-m-xylene		4.53	4.54	4.44	4.64	0.01
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 21:28 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.92	4.93	4.83	5.03	0.01
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.12	5.13	5.03	5.23	0.01
Aroclor-1016-4	(4)	5.16	5.17	5.07	5.27	0.01
Aroclor-1016-5	(5)	5.37	5.39	5.29	5.49	0.02
Aroclor-1260-1	(1)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-2	(2)	6.60	6.62	6.52	6.72	0.02
Aroclor-1260-3	(3)	6.75	6.77	6.67	6.87	0.02
Aroclor-1260-4	(4)	7.23	7.24	7.14	7.34	0.02
Aroclor-1260-5	(5)	7.47	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL06 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069932.D **Time Analyzed:** 21:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.676	5.592	5.792	502.680	500.000	0.5
Aroclor-1016-2	5.700	5.614	5.814	536.020	500.000	7.2
Aroclor-1016-3	5.763	5.676	5.876	518.730	500.000	3.7
Aroclor-1016-4	5.860	5.774	5.974	530.710	500.000	6.1
Aroclor-1016-5	6.153	6.067	6.267	488.960	500.000	-2.2
Aroclor-1260-1	7.272	7.187	7.387	556.270	500.000	11.3
Aroclor-1260-2	7.526	7.441	7.641	524.280	500.000	4.9
Aroclor-1260-3	7.884	7.800	8.000	533.350	500.000	6.7
Aroclor-1260-4	8.109	8.025	8.225	501.940	500.000	0.4
Aroclor-1260-5	8.429	8.347	8.547	514.160	500.000	2.8
Decachlorobiphenyl	10.252	10.179	10.379	53.380	50.000	6.8
Tetrachloro-m-xylene	4.525	4.438	4.638	53.680	50.000	7.4

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL06 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069932.D **Time Analyzed:** 21:28

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.919	4.834	5.034	488.890	500.000	-2.2
Aroclor-1016-2	4.938	4.853	5.053	492.730	500.000	-1.5
Aroclor-1016-3	5.116	5.030	5.230	503.840	500.000	0.8
Aroclor-1016-4	5.158	5.072	5.272	461.780	500.000	-7.6
Aroclor-1016-5	5.373	5.288	5.488	583.650	500.000	16.7
Aroclor-1260-1	6.410	6.326	6.526	543.080	500.000	8.6
Aroclor-1260-2	6.599	6.515	6.715	544.190	500.000	8.8
Aroclor-1260-3	6.752	6.670	6.870	470.720	500.000	-5.9
Aroclor-1260-4	7.225	7.142	7.342	526.380	500.000	5.3
Aroclor-1260-5	7.466	7.384	7.584	537.060	500.000	7.4
Decachlorobiphenyl	8.887	8.811	9.011	49.230	50.000	-1.5
Tetrachloro-m-xylene	3.829	3.740	3.940	51.980	50.000	4.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:28
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:55:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.525	3.829	76838004	46397668	53.677	51.984m
2)	SA Decachlor...	10.252	8.887	58339347	55062269	53.380	49.229
	Target Compounds						
3)	L1 AR-1016-1	5.676	4.919	23290573	15945034	502.678m	488.886m
4)	L1 AR-1016-2	5.700	4.938	36383290	22152367	536.016	492.730
5)	L1 AR-1016-3	5.763	5.116	22096220	12537457	518.732	503.836
6)	L1 AR-1016-4	5.860	5.158	18575160	9326173	530.712	461.777
7)	L1 AR-1016-5	6.153	5.373	16164285	15655765	488.959	583.650
31)	L7 AR-1260-1	7.272	6.410	32506173	26192249	556.267	543.075
32)	L7 AR-1260-2	7.526	6.599	40795883	33361092	524.282	544.194
33)	L7 AR-1260-3	7.884	6.752	33344400	28316693	533.346	470.718m
34)	L7 AR-1260-4	8.109	7.225	33116156	24459480	501.937	526.376
35)	L7 AR-1260-5	8.429	7.466	67316487	59692122	514.157	537.065

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:28
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

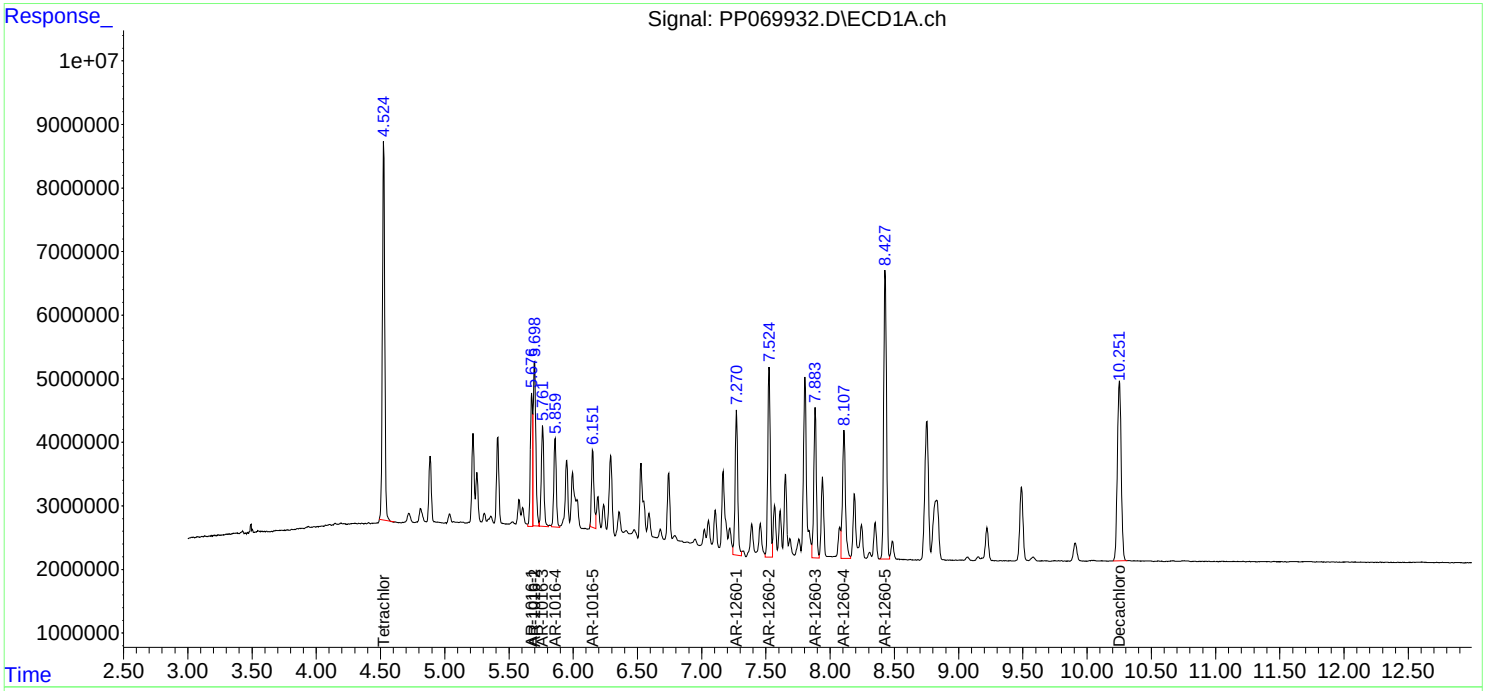
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

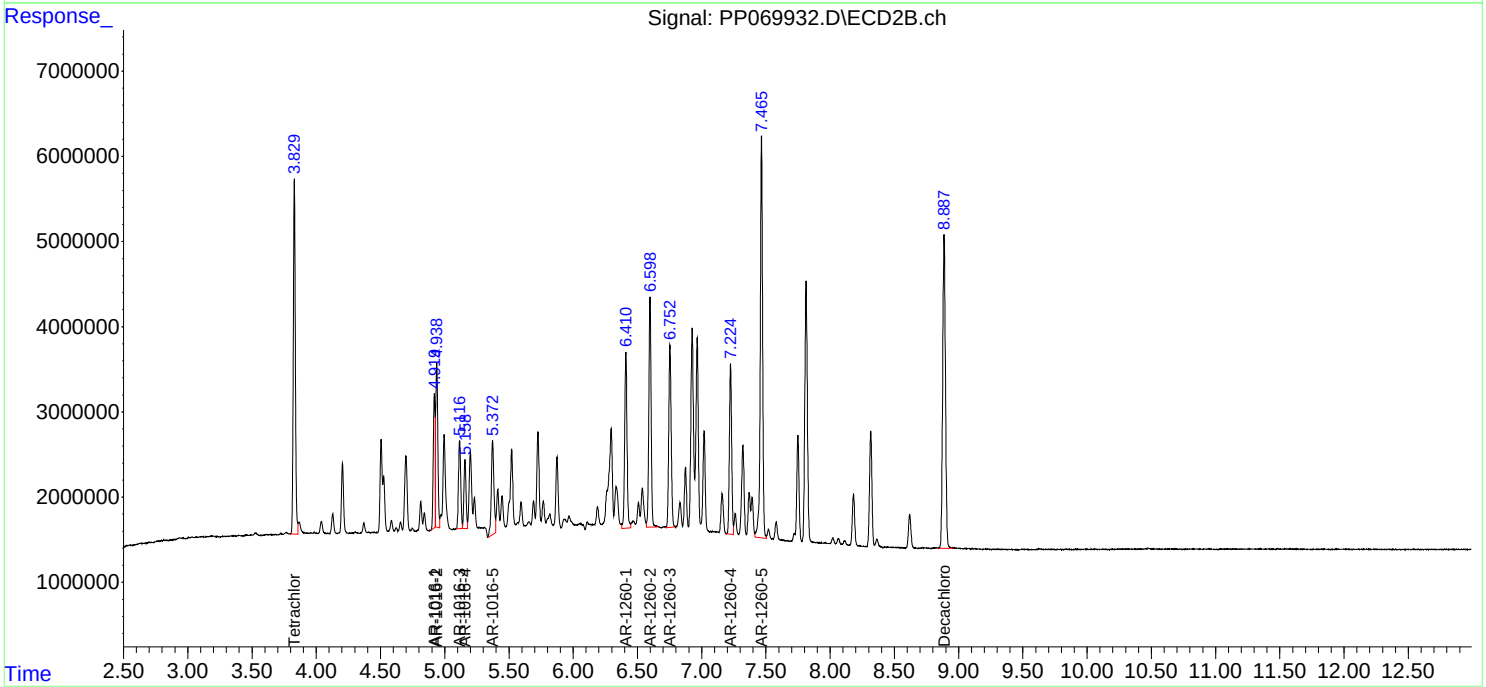
Manual Integrations APPROVED

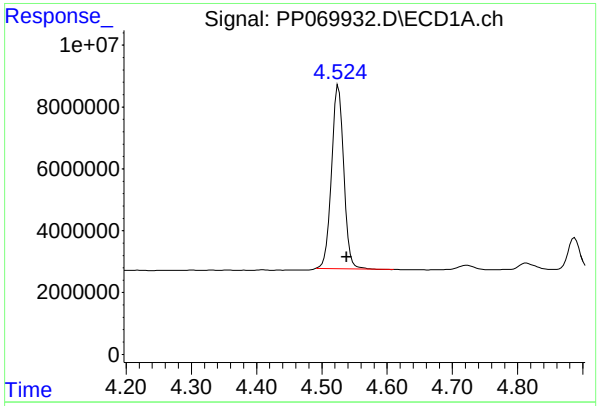
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:55:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







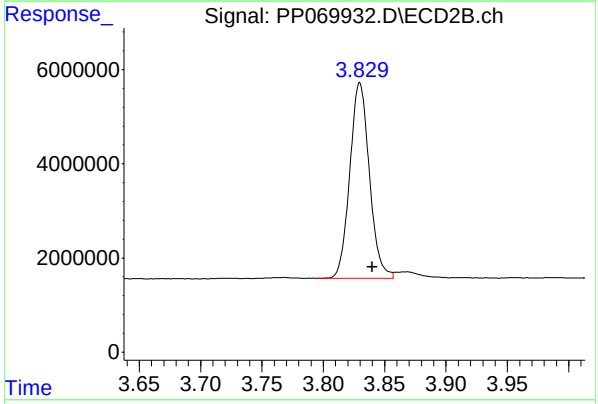
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.013 mi
Response: 76838004
Conc: 53.68 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

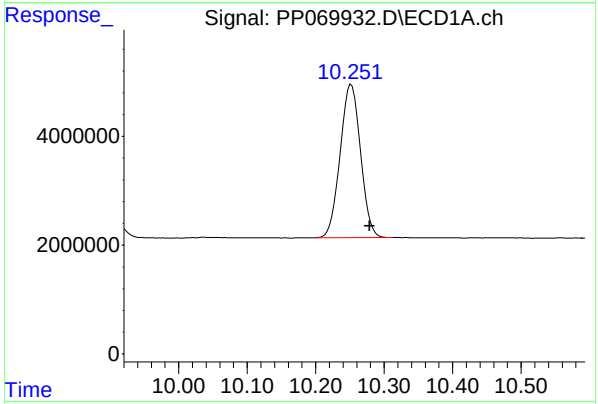
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



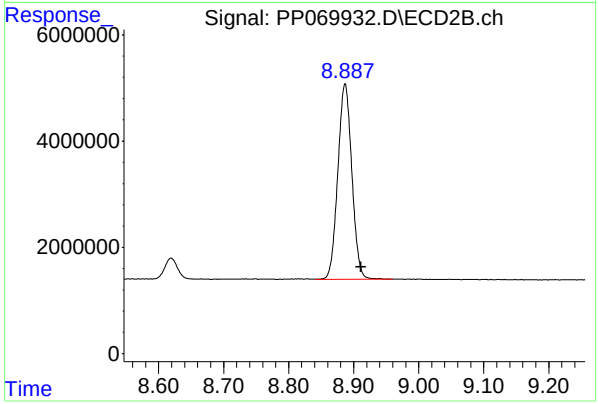
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 46397668
Conc: 51.98 ng/ml m



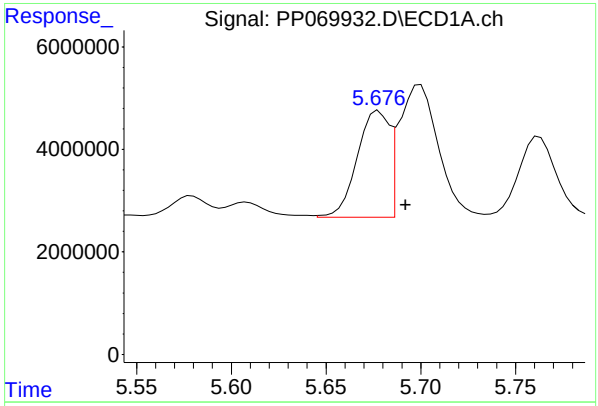
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.026 min
Response: 58339347
Conc: 53.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 55062269
Conc: 49.23 ng/ml



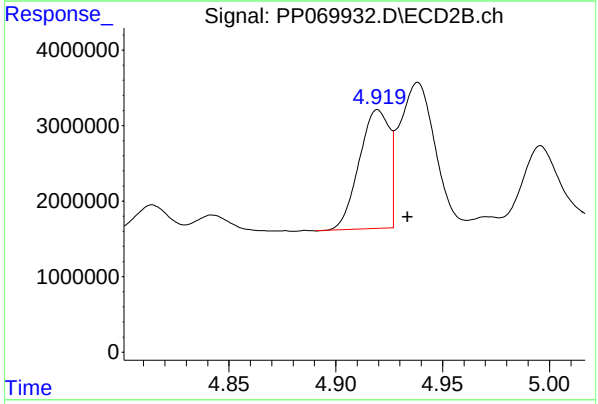
#3 AR-1016-1

R.T.: 5.676 min
Delta R.T.: -0.016 mi
Response: 23290573
Conc: 502.68 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

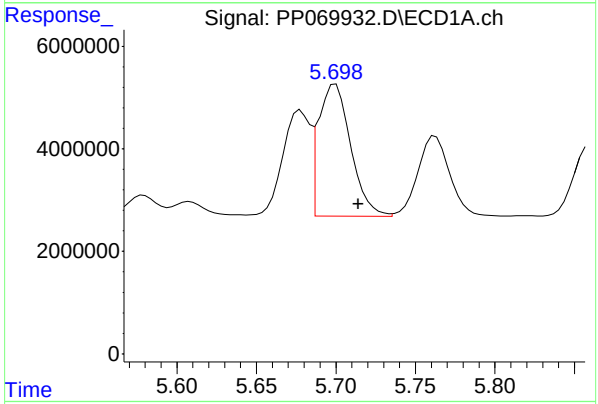
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



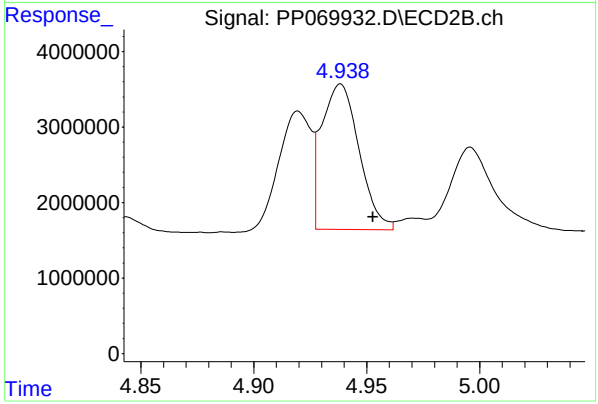
#3 AR-1016-1

R.T.: 4.919 min
Delta R.T.: -0.014 min
Response: 15945034
Conc: 488.89 ng/ml m



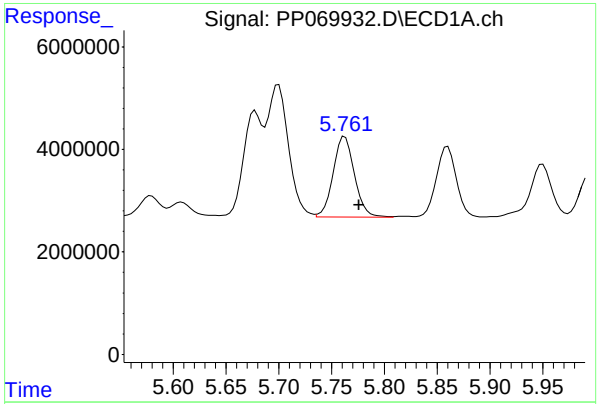
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 36383290
Conc: 536.02 ng/ml



#4 AR-1016-2

R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 22152367
Conc: 492.73 ng/ml



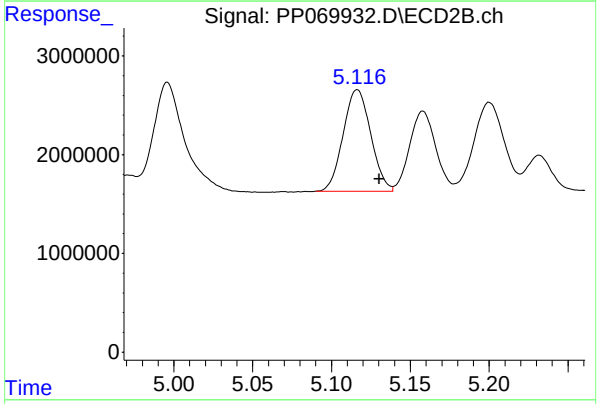
#5 AR-1016-3

R.T.: 5.763 min
Delta R.T.: -0.014 mi
Response: 22096220
Conc: 518.73 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

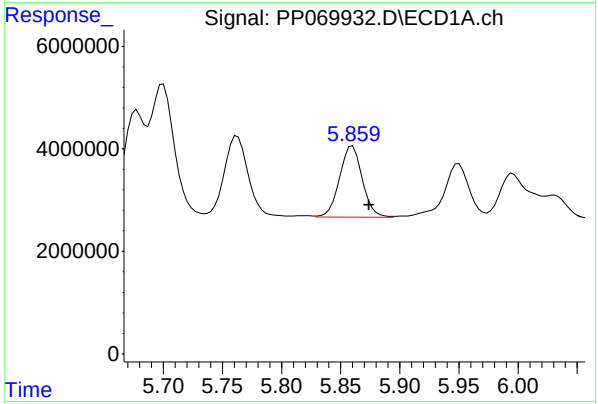
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



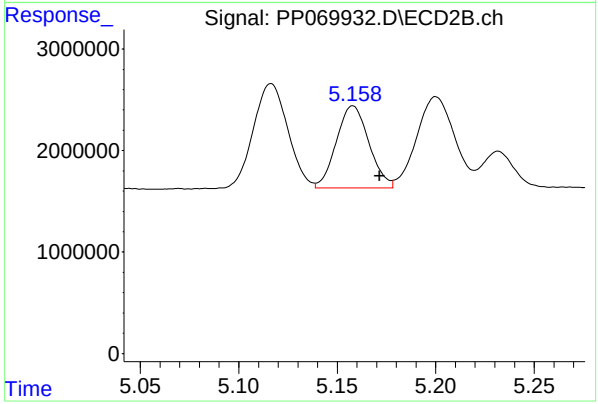
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 12537457
Conc: 503.84 ng/ml



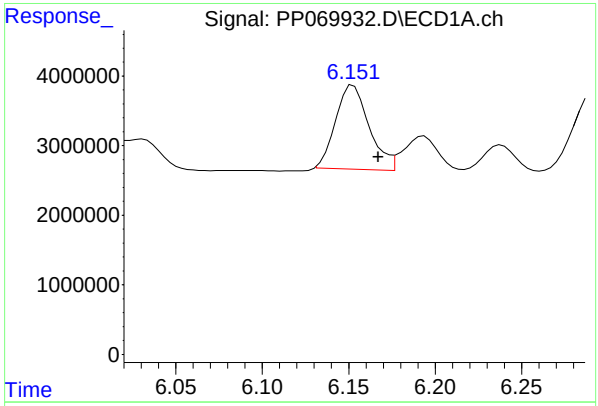
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.014 min
Response: 18575160
Conc: 530.71 ng/ml



#6 AR-1016-4

R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9326173
Conc: 461.78 ng/ml



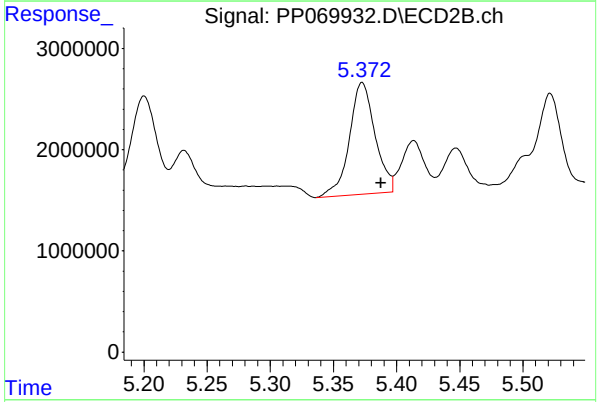
#7 AR-1016-5

R.T.: 6.153 min
Delta R.T.: -0.014 min
Response: 16164285
Conc: 488.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

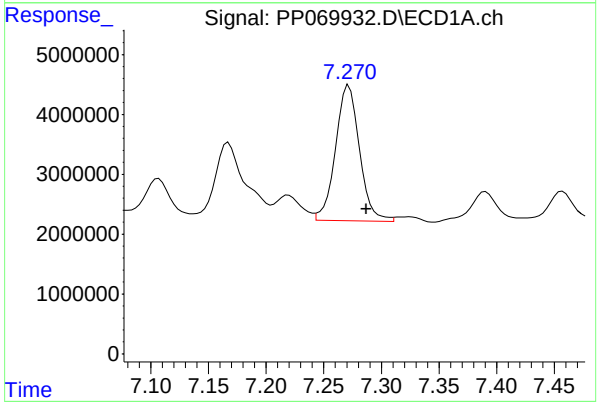
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



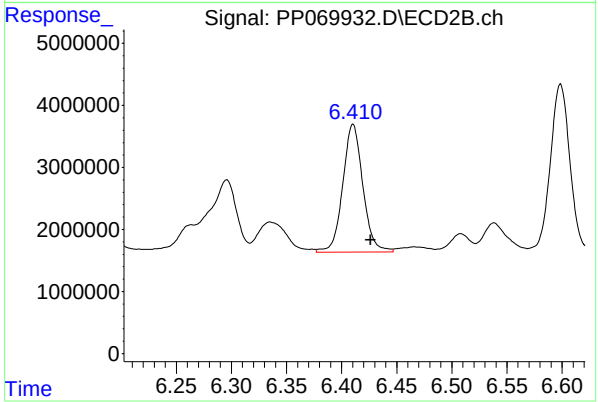
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 15655765
Conc: 583.65 ng/ml



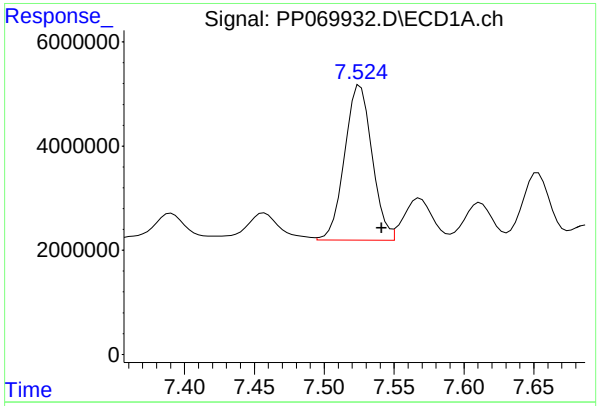
#31 AR-1260-1

R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 32506173
Conc: 556.27 ng/ml



#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.016 min
Response: 26192249
Conc: 543.08 ng/ml



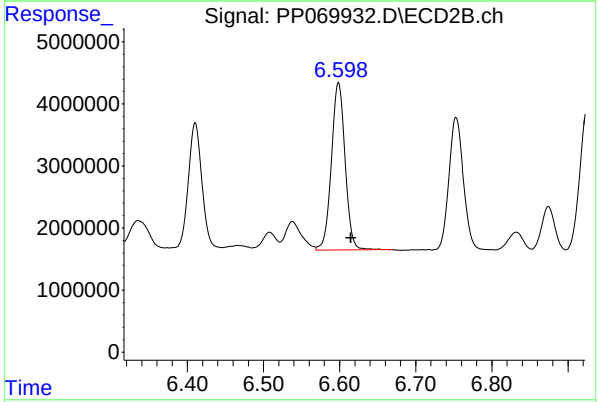
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.015 mi
Response: 40795883
Conc: 524.28 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

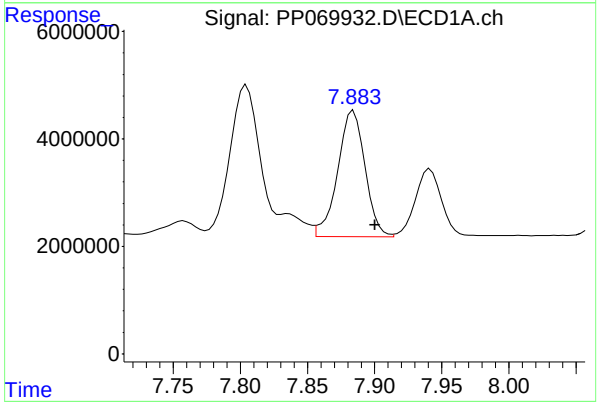
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



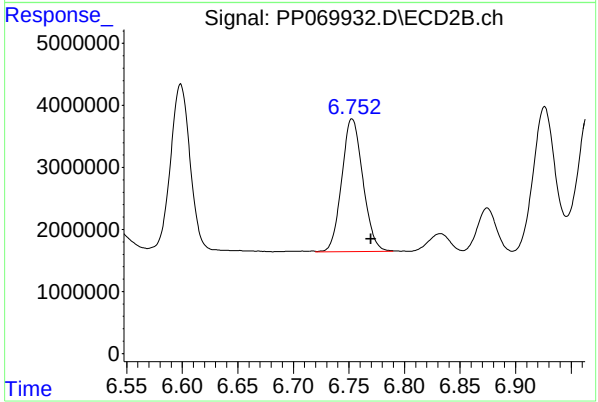
#32 AR-1260-2

R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 33361092
Conc: 544.19 ng/ml



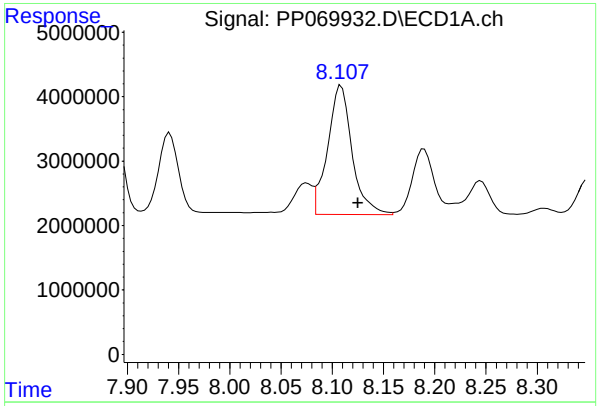
#33 AR-1260-3

R.T.: 7.884 min
Delta R.T.: -0.016 min
Response: 33344400
Conc: 533.35 ng/ml



#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 28316693
Conc: 470.72 ng/ml m



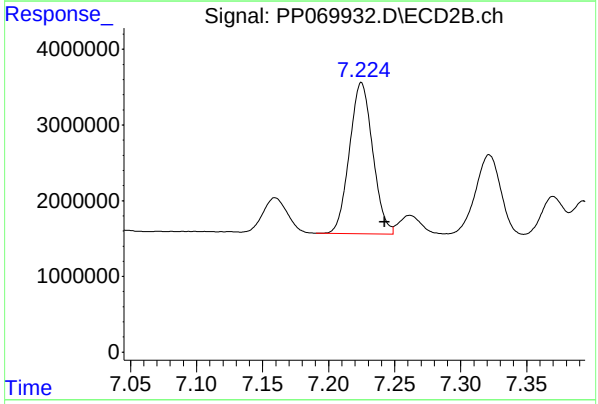
#34 AR-1260-4

R.T.: 8.109 min
Delta R.T.: -0.016 min
Response: 33116156
Conc: 501.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

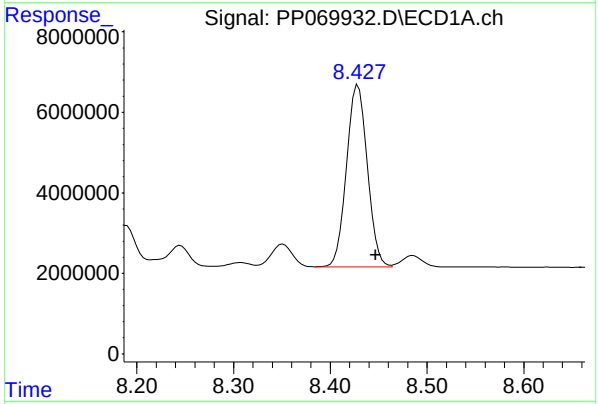
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



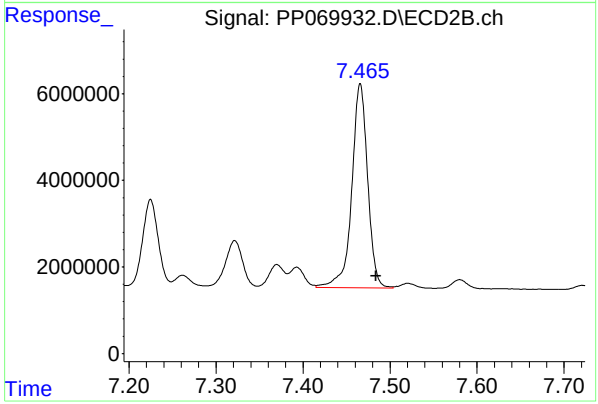
#34 AR-1260-4

R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 24459480
Conc: 526.38 ng/ml



#35 AR-1260-5

R.T.: 8.429 min
Delta R.T.: -0.018 min
Response: 67316487
Conc: 514.16 ng/ml



#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.018 min
Response: 59692122
Conc: 537.06 ng/ml

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 22:17 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	6.53	6.54	6.44	6.64	0.01
Aroclor-1254-2	(2)	6.74	6.76	6.66	6.86	0.02
Aroclor-1254-3	(3)	7.11	7.12	7.02	7.22	0.01
Aroclor-1254-4	(4)	7.39	7.40	7.30	7.50	0.01
Aroclor-1254-5	(5)	7.81	7.82	7.72	7.92	0.01
Tetrachloro-m-xylene		4.52	4.53	4.43	4.63	0.01
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/20/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 22:17 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	5.73	5.74	5.64	5.84	0.01
Aroclor-1254-2	(2)	5.88	5.89	5.79	5.99	0.01
Aroclor-1254-3	(3)	6.28	6.30	6.20	6.40	0.02
Aroclor-1254-4	(4)	6.51	6.52	6.42	6.62	0.01
Aroclor-1254-5	(5)	6.93	6.94	6.84	7.04	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL07 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069935.D **Time Analyzed:** 22:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	6.525	6.439	6.639	467.990	500.000	-6.4
Aroclor-1254-2	6.743	6.656	6.856	537.130	500.000	7.4
Aroclor-1254-3	7.106	7.019	7.219	518.010	500.000	3.6
Aroclor-1254-4	7.389	7.301	7.501	522.070	500.000	4.4
Aroclor-1254-5	7.806	7.719	7.919	515.750	500.000	3.2
Decachlorobiphenyl	10.253	10.175	10.375	52.470	50.000	4.9
Tetrachloro-m-xylene	4.524	4.434	4.634	54.940	50.000	9.9

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL07 **Date Analyzed:** 02/20/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069935.D **Time Analyzed:** 22:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.727	5.642	5.842	496.840	500.000	-0.6
Aroclor-1254-2	5.875	5.790	5.990	504.230	500.000	0.8
Aroclor-1254-3	6.281	6.195	6.395	507.220	500.000	1.4
Aroclor-1254-4	6.509	6.423	6.623	535.150	500.000	7.0
Aroclor-1254-5	6.928	6.844	7.044	520.410	500.000	4.1
Decachlorobiphenyl	8.889	8.809	9.009	50.140	50.000	0.3
Tetrachloro-m-xylene	3.830	3.740	3.940	54.030	50.000	8.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:56:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.830	78641512	48227400	54.937	54.034m
2)	SA Decachlor...	10.253	8.889	57345974	56081078	52.471	50.140
	Target Compounds						
26)	L6 AR-1254-1	6.525	5.727	27079508	27353708	467.988m	496.836
27)	L6 AR-1254-2	6.743	5.875	43100155	24389172	537.128	504.234
28)	L6 AR-1254-3	7.106	6.281	43662235	38496228	518.010	507.223
29)	L6 AR-1254-4	7.389	6.509	35598965	27426302	522.072	535.150
30)	L6 AR-1254-5	7.806	6.928	35094938	34638919	515.752	520.413

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

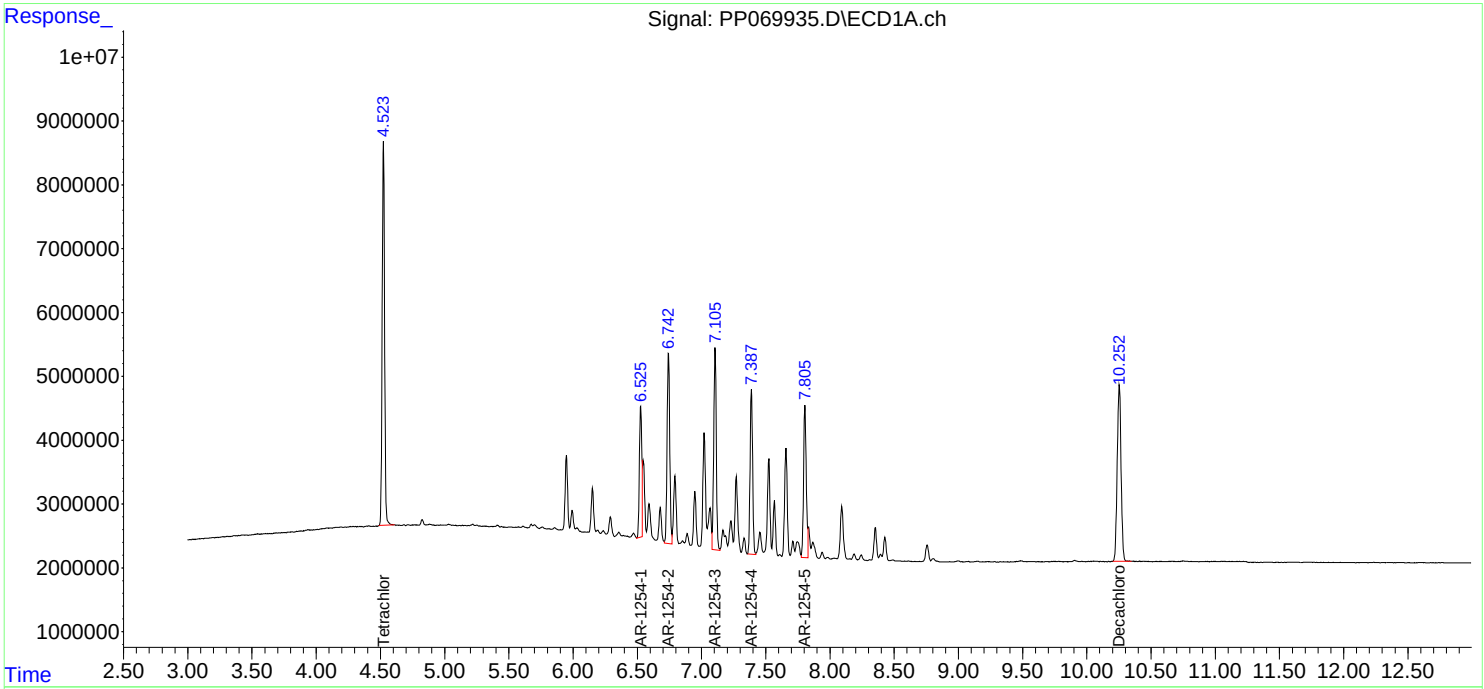
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

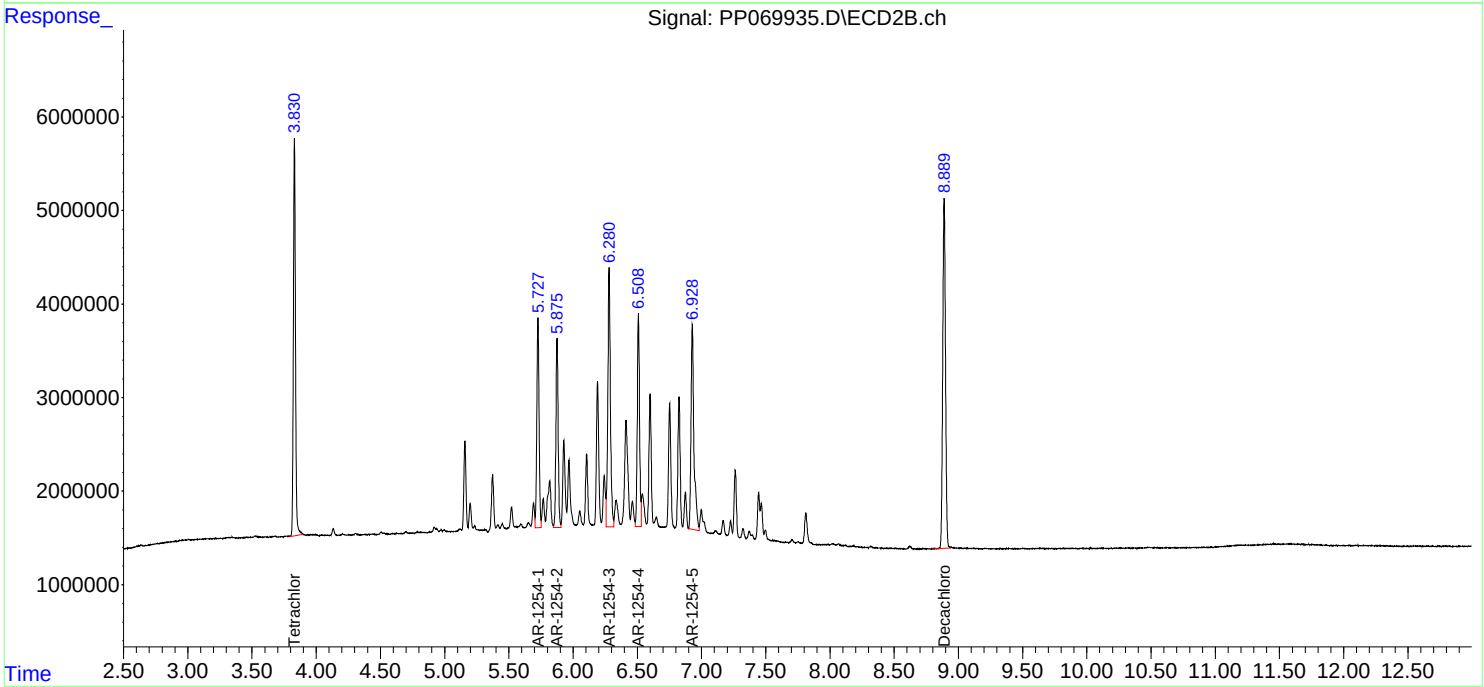
Manual Integrations APPROVED

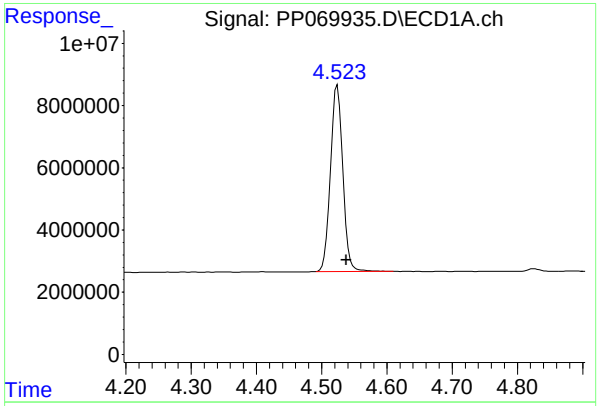
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:56:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







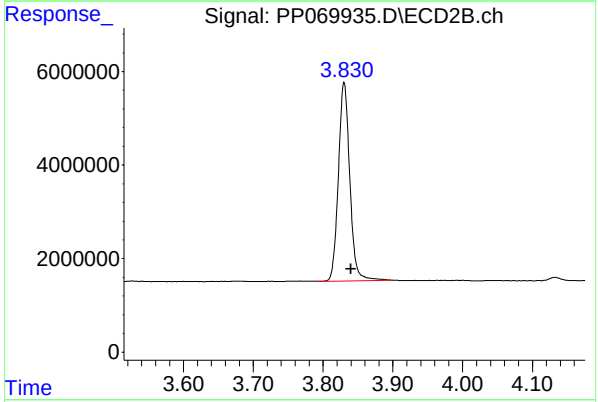
#1 Tetrachloro-m-xylene

R.T.: 4.524 min
Delta R.T.: -0.014 mi
Response: 78641512
Conc: 54.94 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

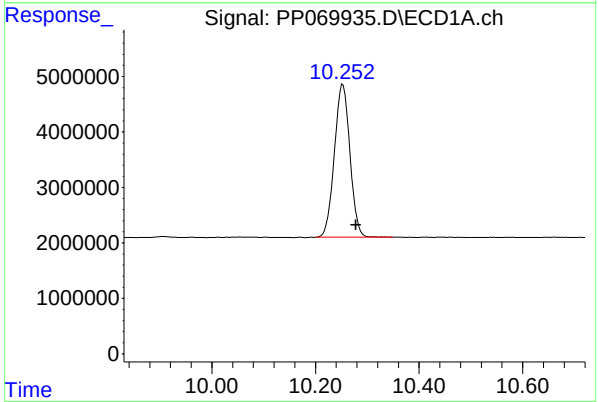
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



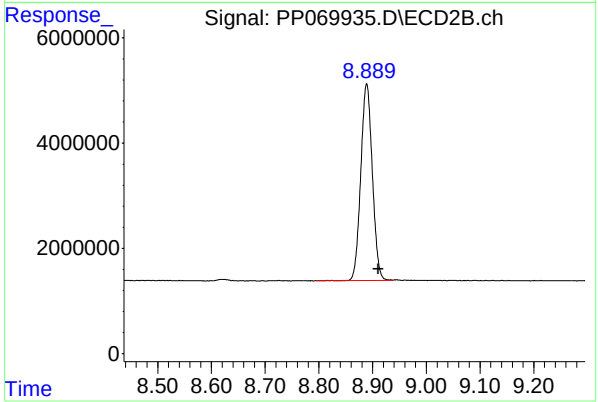
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 48227400
Conc: 54.03 ng/ml m



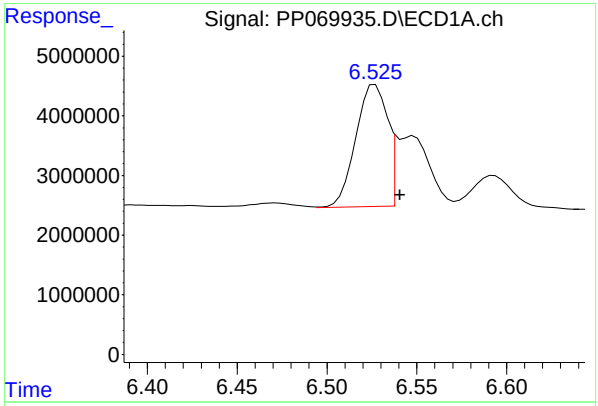
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 57345974
Conc: 52.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 56081078
Conc: 50.14 ng/ml



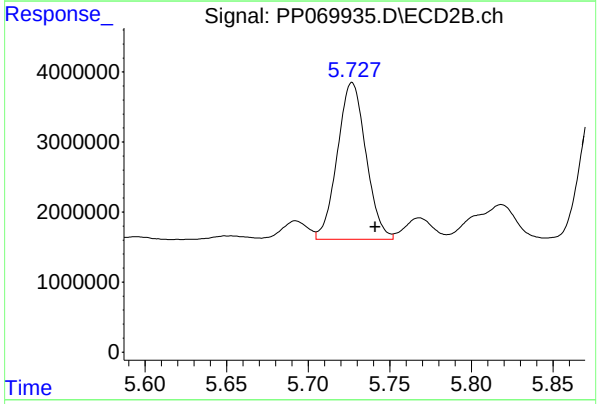
#26 AR-1254-1

R.T.: 6.525 min
Delta R.T.: -0.015 min
Response: 27079508
Conc: 467.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

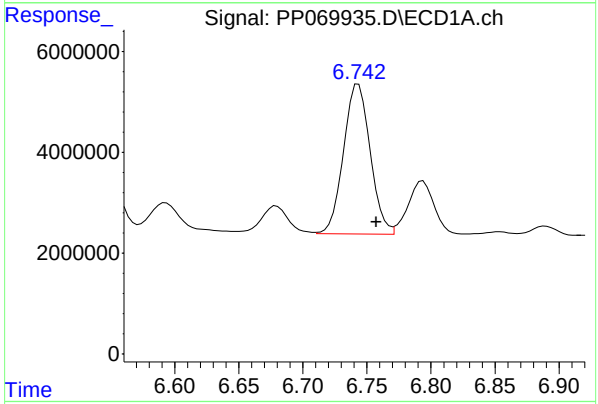
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



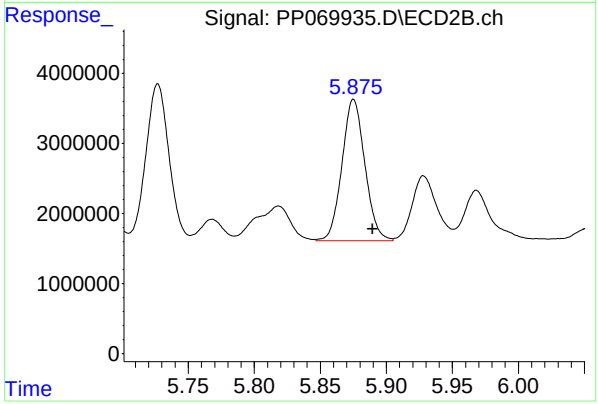
#26 AR-1254-1

R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 27353708
Conc: 496.84 ng/ml



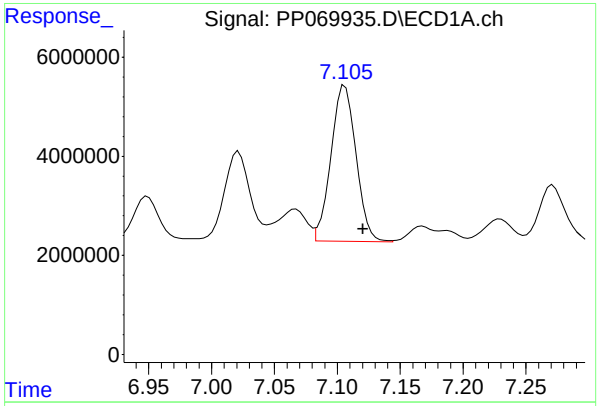
#27 AR-1254-2

R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 43100155
Conc: 537.13 ng/ml



#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 24389172
Conc: 504.23 ng/ml



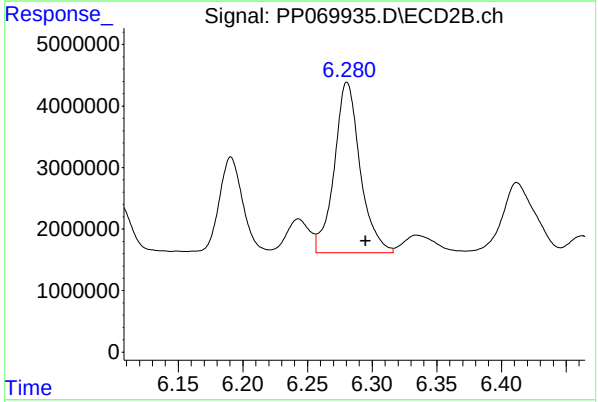
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.014 min
Response: 43662235
Conc: 518.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

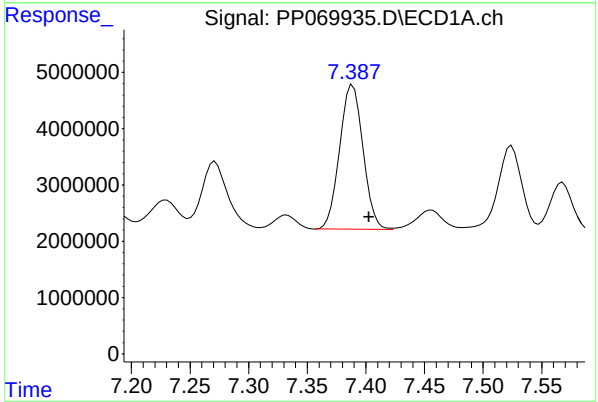
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



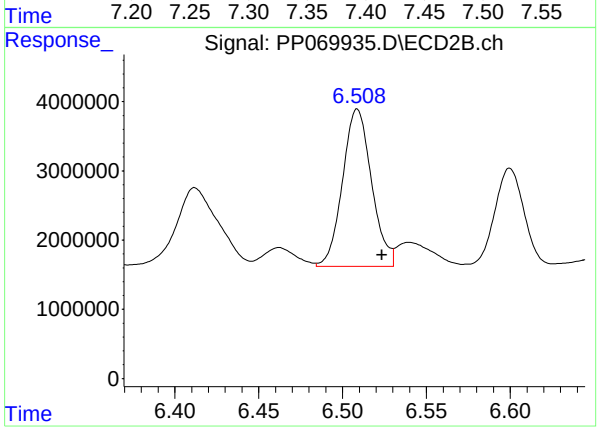
#28 AR-1254-3

R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 38496228
Conc: 507.22 ng/ml



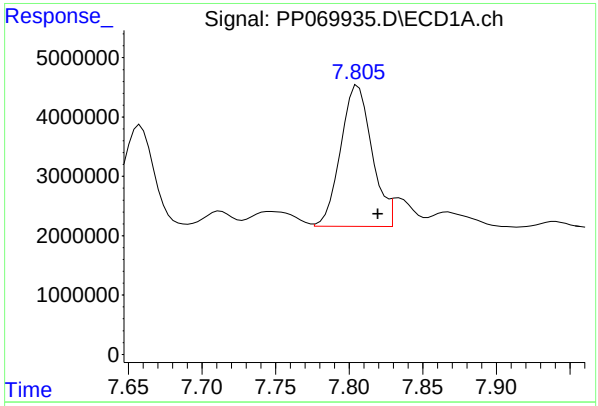
#29 AR-1254-4

R.T.: 7.389 min
Delta R.T.: -0.014 min
Response: 35598965
Conc: 522.07 ng/ml



#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 27426302
Conc: 535.15 ng/ml



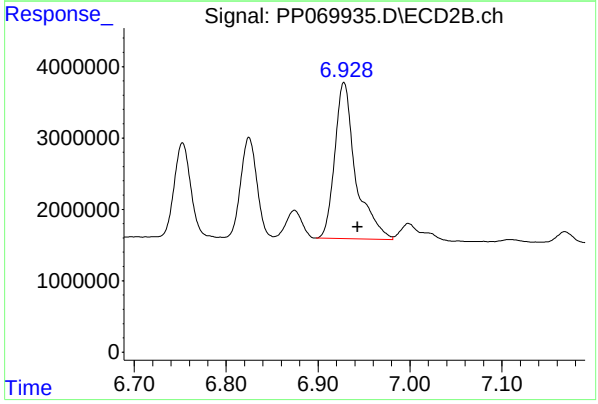
#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.014 min
Response: 35094938
Conc: 515.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



#30 AR-1254-5

R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 34638919
Conc: 520.41 ng/ml

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/21/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 01:53 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-2	(2)	5.70	5.71	5.61	5.81	0.01
Aroclor-1016-3	(3)	5.76	5.78	5.68	5.88	0.02
Aroclor-1016-4	(4)	5.86	5.87	5.77	5.97	0.01
Aroclor-1016-5	(5)	6.15	6.17	6.07	6.27	0.02
Aroclor-1260-1	(1)	7.27	7.29	7.19	7.39	0.02
Aroclor-1260-2	(2)	7.53	7.54	7.44	7.64	0.01
Aroclor-1260-3	(3)	7.88	7.90	7.80	8.00	0.02
Aroclor-1260-4	(4)	8.11	8.13	8.03	8.23	0.02
Aroclor-1260-5	(5)	8.43	8.45	8.35	8.55	0.02
Tetrachloro-m-xylene		4.52	4.54	4.44	4.64	0.02
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/21/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 01:53 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.92	4.93	4.83	5.03	0.01
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.12	5.13	5.03	5.23	0.02
Aroclor-1016-4	(4)	5.16	5.17	5.07	5.27	0.01
Aroclor-1016-5	(5)	5.37	5.39	5.29	5.49	0.02
Aroclor-1260-1	(1)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-2	(2)	6.60	6.62	6.52	6.72	0.02
Aroclor-1260-3	(3)	6.75	6.77	6.67	6.87	0.02
Aroclor-1260-4	(4)	7.23	7.24	7.14	7.34	0.02
Aroclor-1260-5	(5)	7.47	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL08 **Date Analyzed:** 02/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069947.D **Time Analyzed:** 01:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.676	5.592	5.792	564.420	500.000	12.9
Aroclor-1016-2	5.699	5.614	5.814	551.540	500.000	10.3
Aroclor-1016-3	5.762	5.676	5.876	535.310	500.000	7.1
Aroclor-1016-4	5.859	5.774	5.974	550.910	500.000	10.2
Aroclor-1016-5	6.151	6.067	6.267	514.090	500.000	2.8
Aroclor-1260-1	7.269	7.187	7.387	556.970	500.000	11.4
Aroclor-1260-2	7.525	7.441	7.641	548.930	500.000	9.8
Aroclor-1260-3	7.883	7.800	8.000	557.900	500.000	11.6
Aroclor-1260-4	8.108	8.025	8.225	518.950	500.000	3.8
Aroclor-1260-5	8.428	8.347	8.547	527.430	500.000	5.5
Decachlorobiphenyl	10.250	10.179	10.379	54.850	50.000	9.7
Tetrachloro-m-xylene	4.523	4.438	4.638	56.870	50.000	13.7

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL08 **Date Analyzed:** 02/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069947.D **Time Analyzed:** 01:53

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.918	4.834	5.034	503.540	500.000	0.7
Aroclor-1016-2	4.938	4.853	5.053	481.370	500.000	-3.7
Aroclor-1016-3	5.115	5.030	5.230	518.770	500.000	3.8
Aroclor-1016-4	5.157	5.072	5.272	470.280	500.000	-5.9
Aroclor-1016-5	5.371	5.288	5.488	526.850	500.000	5.4
Aroclor-1260-1	6.410	6.326	6.526	545.470	500.000	9.1
Aroclor-1260-2	6.598	6.515	6.715	545.400	500.000	9.1
Aroclor-1260-3	6.752	6.670	6.870	485.550	500.000	-2.9
Aroclor-1260-4	7.225	7.142	7.342	540.170	500.000	8.0
Aroclor-1260-5	7.465	7.384	7.584	554.170	500.000	10.8
Decachlorobiphenyl	8.886	8.811	9.011	50.260	50.000	0.5
Tetrachloro-m-xylene	3.829	3.740	3.940	54.320	50.000	8.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 05:00:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.829	81408908	48480286	56.870m	54.317m
2)	SA Decachlor...	10.250	8.886	59944075	56215659	54.849	50.261
	Target Compounds						
3)	L1 AR-1016-1	5.676	4.918	26151159	16423126	564.418m	503.545m
4)	L1 AR-1016-2	5.699	4.938	37437147	21641423	551.542	481.365
5)	L1 AR-1016-3	5.762	5.115	22802224	12909023	535.306	518.768
6)	L1 AR-1016-4	5.859	5.157	19281965	9497952	550.906	470.282
7)	L1 AR-1016-5	6.151	5.371	16994940	14132131	514.086m	526.848m
31)	L7 AR-1260-1	7.269	6.410	32547213	26307573	556.969m	545.466
32)	L7 AR-1260-2	7.525	6.598	42714191	33435044	548.935	545.400
33)	L7 AR-1260-3	7.883	6.752	34879740	29208753	557.904	485.547m
34)	L7 AR-1260-4	8.108	7.225	34238610	25100406	518.950	540.169
35)	L7 AR-1260-5	8.428	7.465	69053683	61593431	527.426	554.171

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

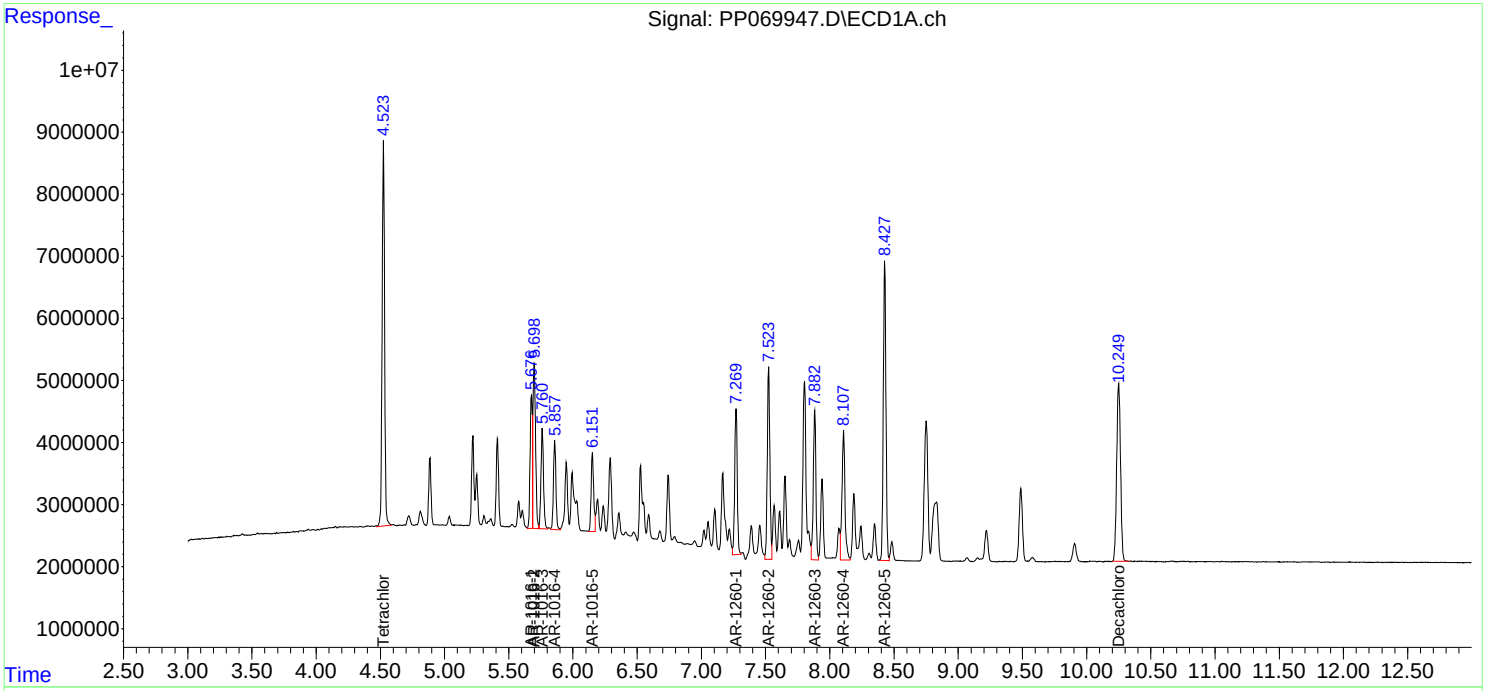
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

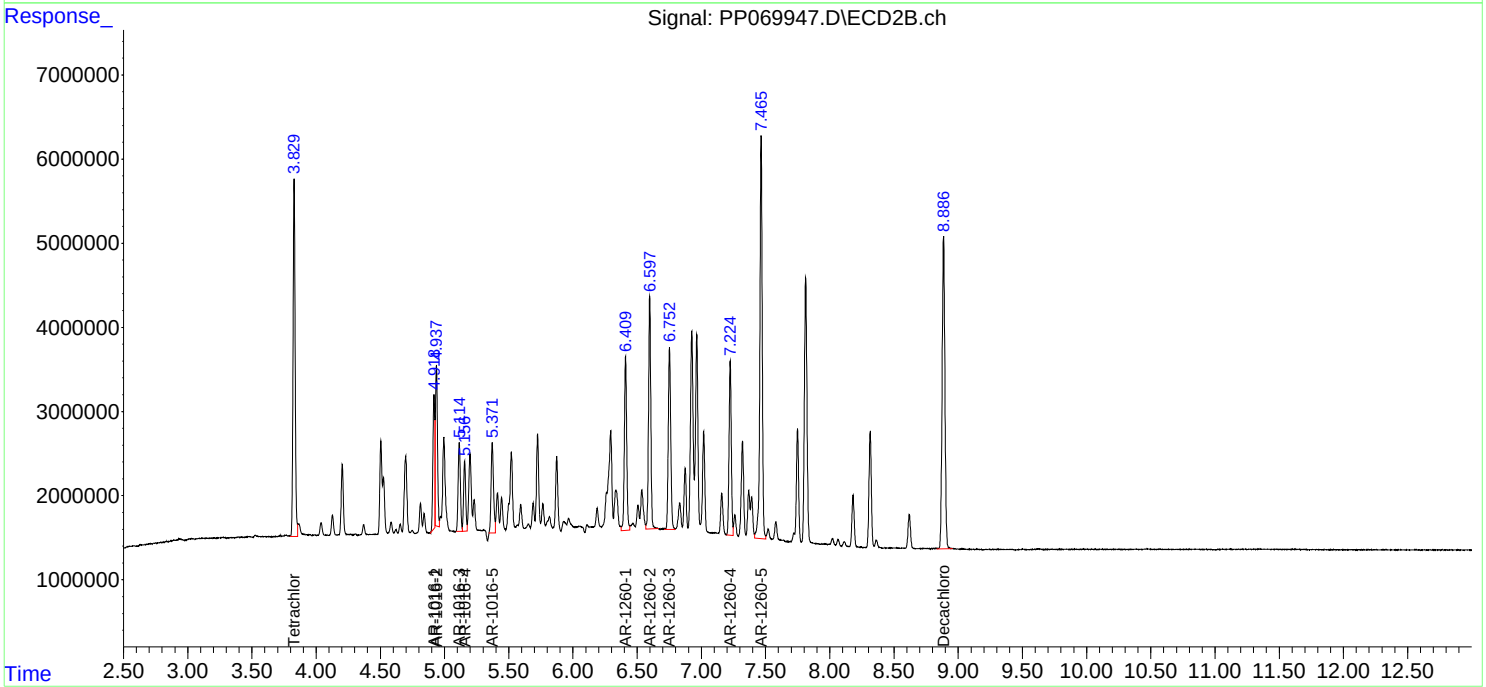
Manual Integrations APPROVED

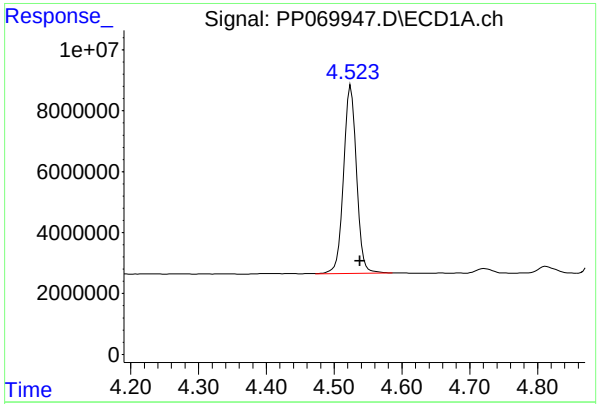
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 05:00:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







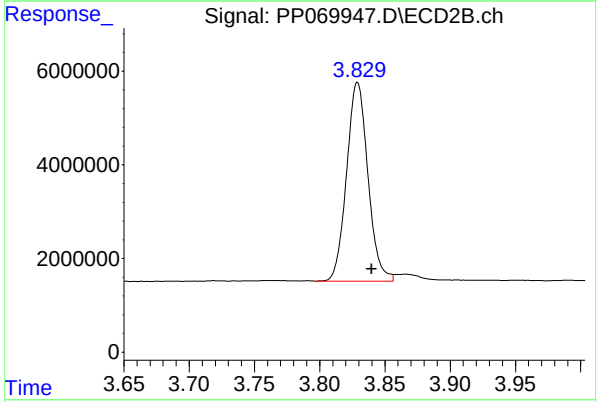
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 mi
Response: 81408908
Conc: 56.87 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

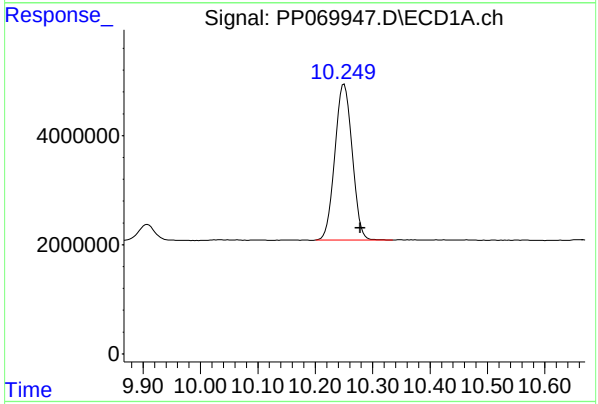
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



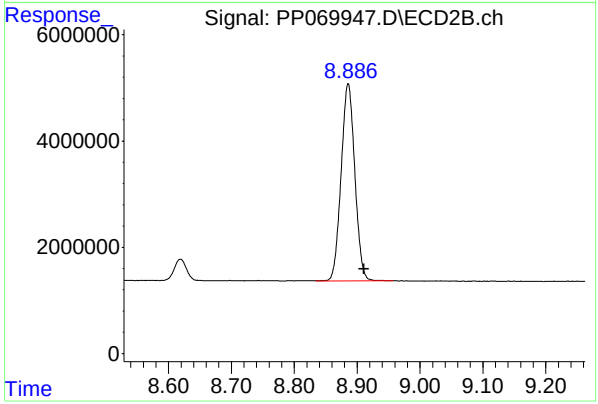
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 48480286
Conc: 54.32 ng/ml m



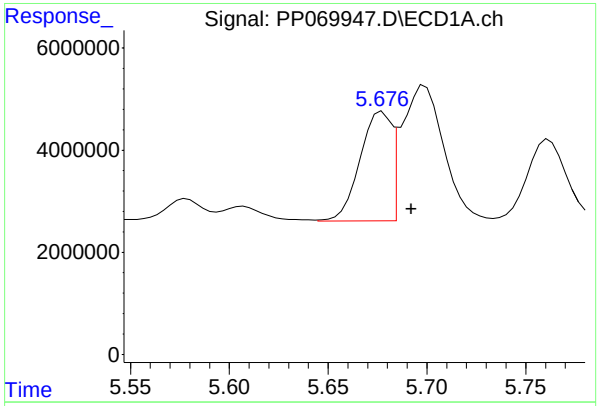
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.028 min
Response: 59944075
Conc: 54.85 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.886 min
Delta R.T.: -0.025 min
Response: 56215659
Conc: 50.26 ng/ml



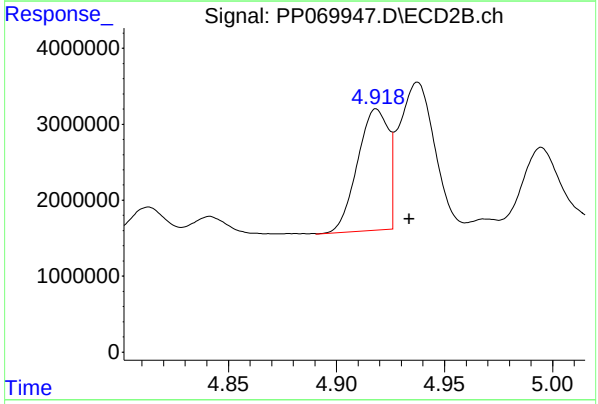
#3 AR-1016-1

R.T.: 5.676 min
Delta R.T.: -0.016 mi
Response: 26151159
Conc: 564.42 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

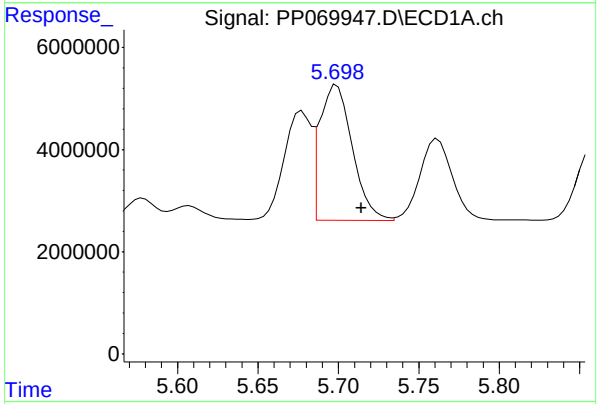
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



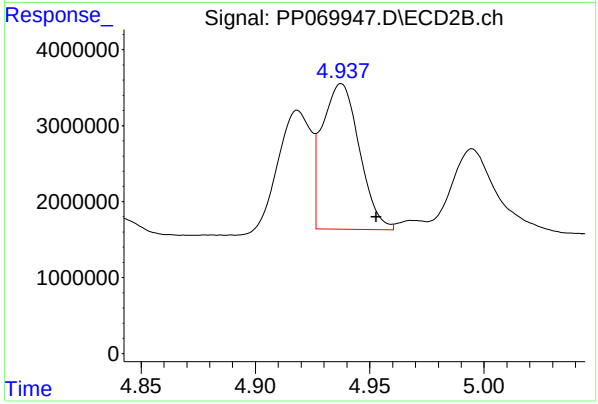
#3 AR-1016-1

R.T.: 4.918 min
Delta R.T.: -0.016 min
Response: 16423126
Conc: 503.54 ng/ml m



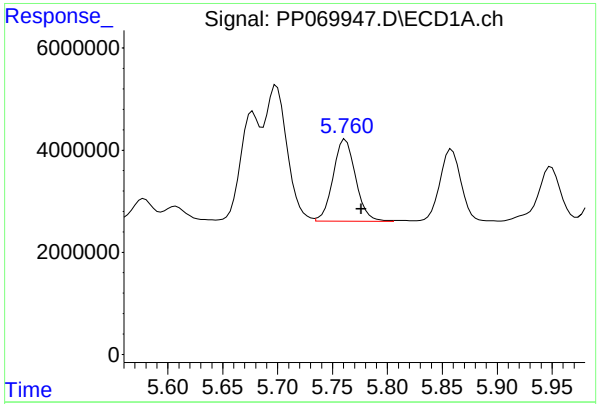
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 37437147
Conc: 551.54 ng/ml



#4 AR-1016-2

R.T.: 4.938 min
Delta R.T.: -0.015 min
Response: 21641423
Conc: 481.37 ng/ml



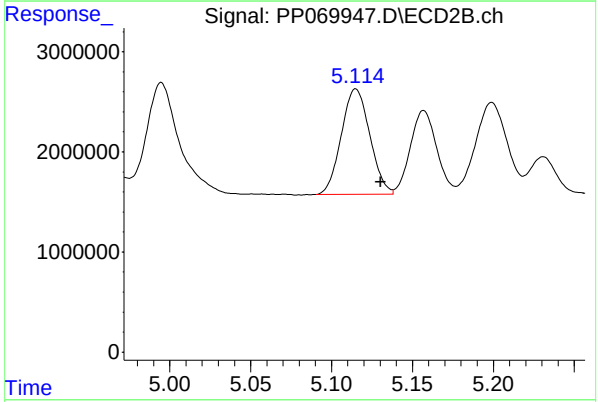
#5 AR-1016-3

R.T.: 5.762 min
Delta R.T.: -0.014 min
Response: 22802224
Conc: 535.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

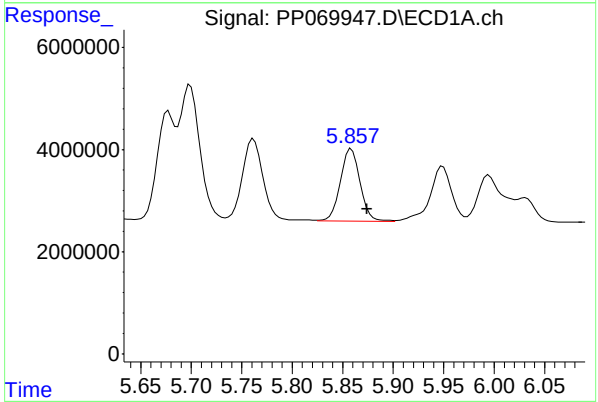
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



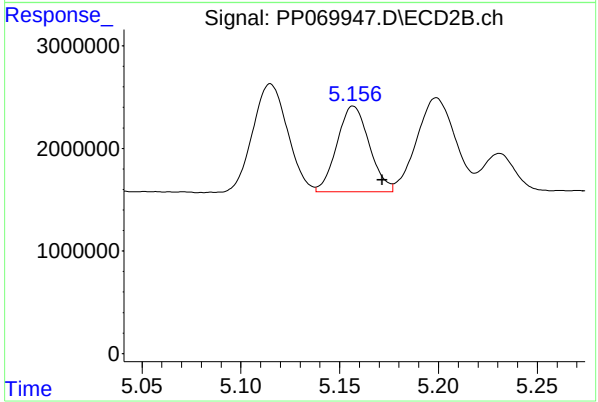
#5 AR-1016-3

R.T.: 5.115 min
Delta R.T.: -0.015 min
Response: 12909023
Conc: 518.77 ng/ml



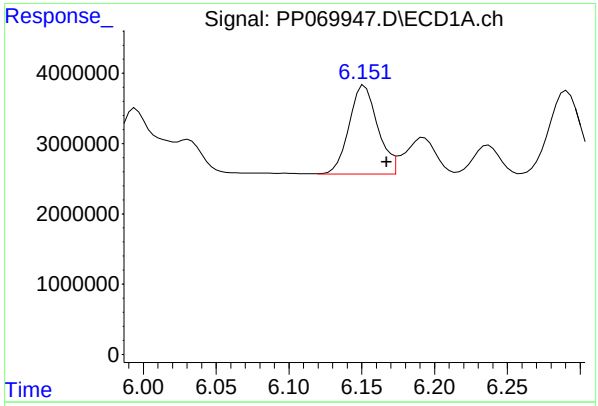
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 19281965
Conc: 550.91 ng/ml



#6 AR-1016-4

R.T.: 5.157 min
Delta R.T.: -0.015 min
Response: 9497952
Conc: 470.28 ng/ml



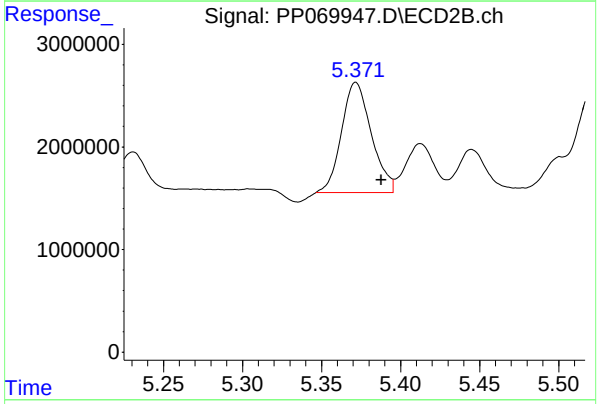
#7 AR-1016-5

R.T.: 6.151 min
Delta R.T.: -0.016 mi
Response: 16994940
Conc: 514.09 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

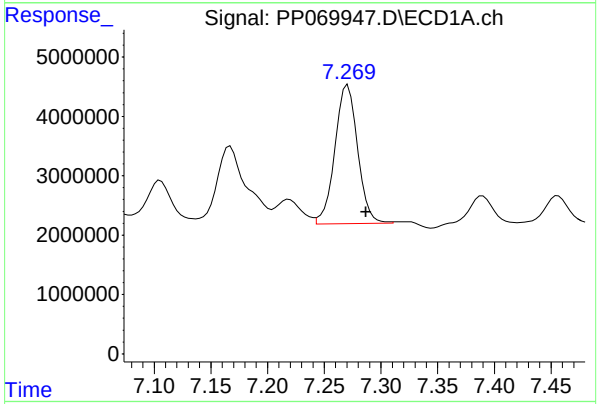
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



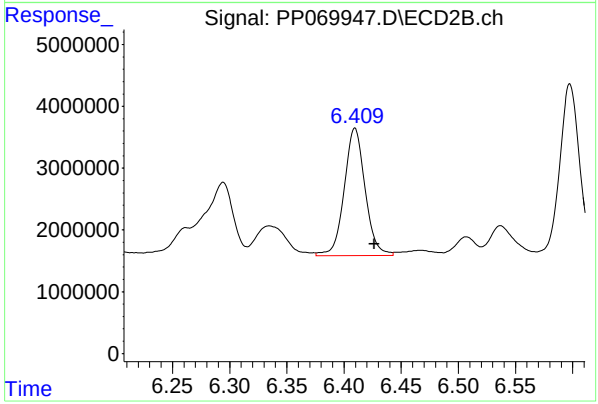
#7 AR-1016-5

R.T.: 5.371 min
Delta R.T.: -0.016 min
Response: 14132131
Conc: 526.85 ng/ml m



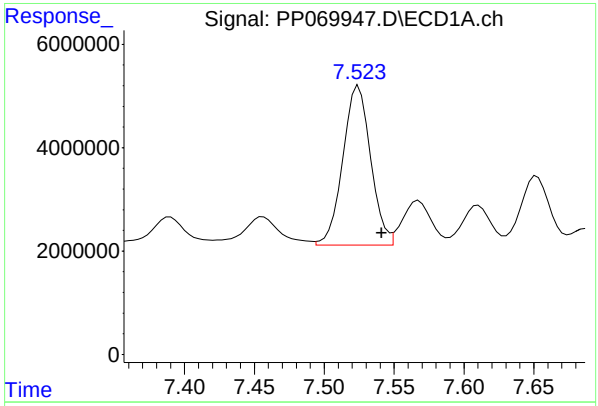
#31 AR-1260-1

R.T.: 7.269 min
Delta R.T.: -0.018 min
Response: 32547213
Conc: 556.97 ng/ml m



#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.017 min
Response: 26307573
Conc: 545.47 ng/ml



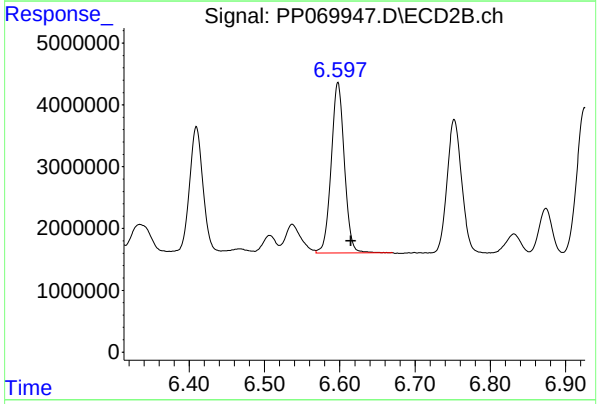
#32 AR-1260-2

R.T.: 7.525 min
Delta R.T.: -0.016 mi
Response: 42714191
Conc: 548.93 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

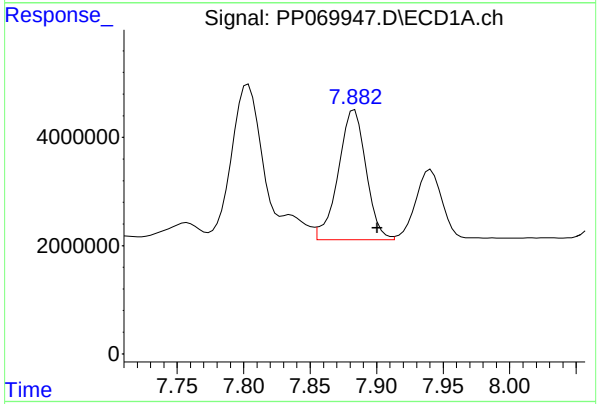
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



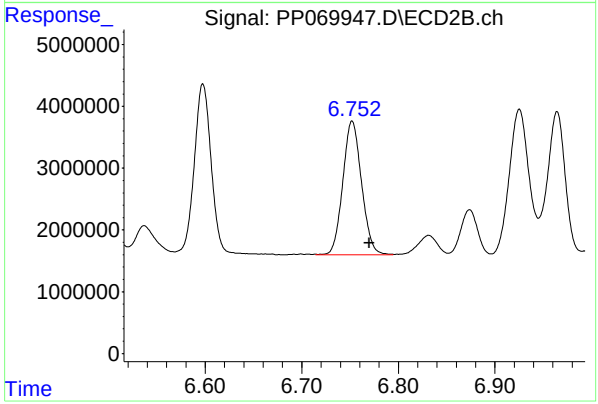
#32 AR-1260-2

R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 33435044
Conc: 545.40 ng/ml



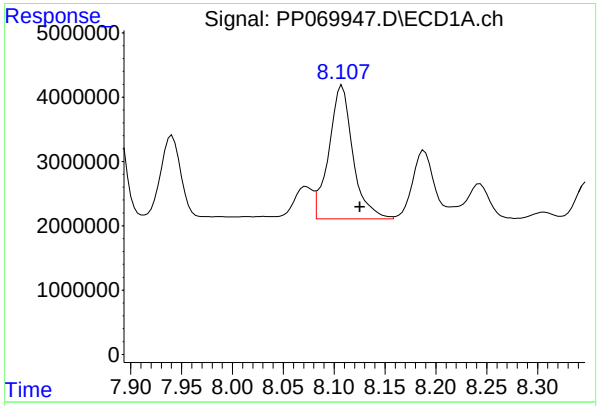
#33 AR-1260-3

R.T.: 7.883 min
Delta R.T.: -0.017 min
Response: 34879740
Conc: 557.90 ng/ml



#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 29208753
Conc: 485.55 ng/ml m



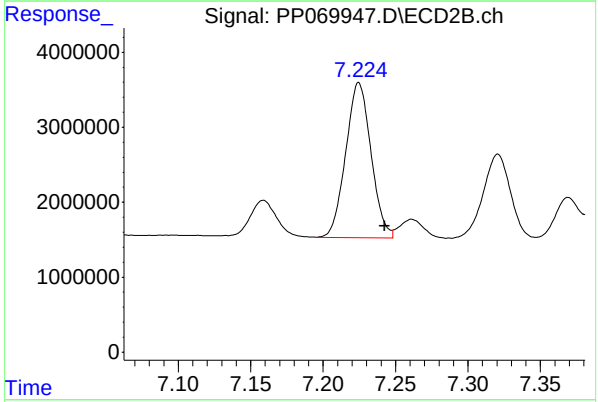
#34 AR-1260-4

R.T.: 8.108 min
Delta R.T.: -0.017 min
Response: 34238610
Conc: 518.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

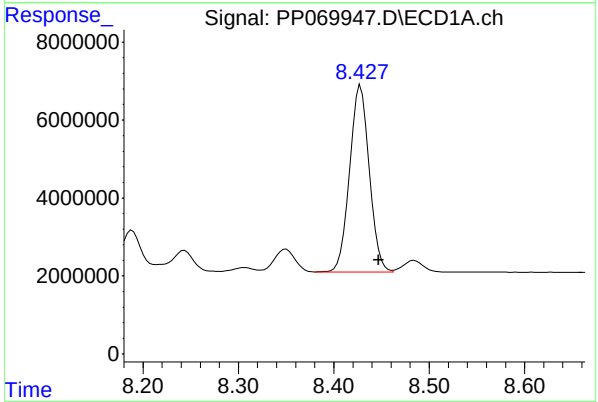
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



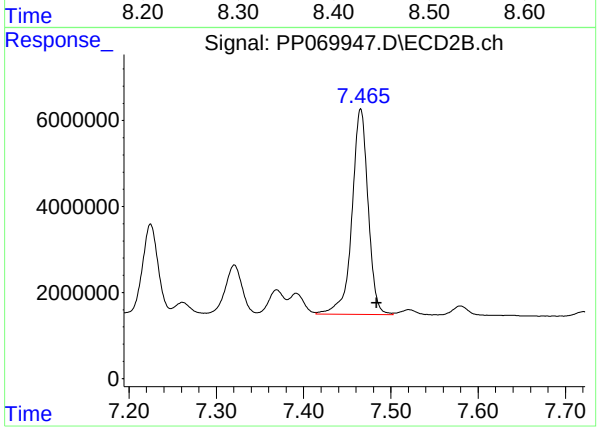
#34 AR-1260-4

R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 25100406
Conc: 540.17 ng/ml



#35 AR-1260-5

R.T.: 8.428 min
Delta R.T.: -0.019 min
Response: 69053683
Conc: 527.43 ng/ml



#35 AR-1260-5

R.T.: 7.465 min
Delta R.T.: -0.018 min
Response: 61593431
Conc: 554.17 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/21/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 02:42 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	6.52	6.54	6.44	6.64	0.02
Aroclor-1254-2	(2)	6.74	6.76	6.66	6.86	0.02
Aroclor-1254-3	(3)	7.11	7.12	7.02	7.22	0.01
Aroclor-1254-4	(4)	7.39	7.40	7.30	7.50	0.01
Aroclor-1254-5	(5)	7.80	7.82	7.72	7.92	0.02
Tetrachloro-m-xylene		4.52	4.53	4.43	4.63	0.01
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/21/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 02:42 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	5.73	5.74	5.64	5.84	0.02
Aroclor-1254-2	(2)	5.87	5.89	5.79	5.99	0.02
Aroclor-1254-3	(3)	6.28	6.30	6.20	6.40	0.02
Aroclor-1254-4	(4)	6.51	6.52	6.42	6.62	0.01
Aroclor-1254-5	(5)	6.93	6.94	6.84	7.04	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL09 **Date Analyzed:** 02/21/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069950.D **Time Analyzed:** 02:42

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	6.524	6.439	6.639	489.510	500.000	-2.1
Aroclor-1254-2	6.742	6.656	6.856	551.740	500.000	10.3
Aroclor-1254-3	7.105	7.019	7.219	519.320	500.000	3.9
Aroclor-1254-4	7.387	7.301	7.501	526.750	500.000	5.4
Aroclor-1254-5	7.803	7.719	7.919	517.250	500.000	3.5
Decachlorobiphenyl	10.250	10.175	10.375	53.640	50.000	7.3
Tetrachloro-m-xylene	4.523	4.434	4.634	55.550	50.000	11.1

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL09 **Date Analyzed:** 02/21/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069950.D **Time Analyzed:** 02:42

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.725	5.642	5.842	511.430	500.000	2.3
Aroclor-1254-2	5.874	5.790	5.990	516.810	500.000	3.4
Aroclor-1254-3	6.279	6.195	6.395	513.230	500.000	2.6
Aroclor-1254-4	6.507	6.423	6.623	523.310	500.000	4.7
Aroclor-1254-5	6.927	6.844	7.044	528.510	500.000	5.7
Decachlorobiphenyl	8.887	8.809	9.009	51.720	50.000	3.4
Tetrachloro-m-xylene	3.829	3.740	3.940	50.680	50.000	1.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:42
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 05:00:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.829	79514470	45233076	55.547	50.679
2)	SA Decachlor...	10.250	8.887	58624055	57845987	53.641	51.718
	Target Compounds						
26)	L6 AR-1254-1	6.524	5.725	28324647	28157292	489.506m	511.432
27)	L6 AR-1254-2	6.742	5.874	44272908	24997438	551.743	516.809
28)	L6 AR-1254-3	7.105	6.279	43772395	38952286	519.317	513.232
29)	L6 AR-1254-4	7.387	6.507	35918284	26819394	526.755	523.308m
30)	L6 AR-1254-5	7.803	6.927	35196871	35177945	517.250m	528.511

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:42
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

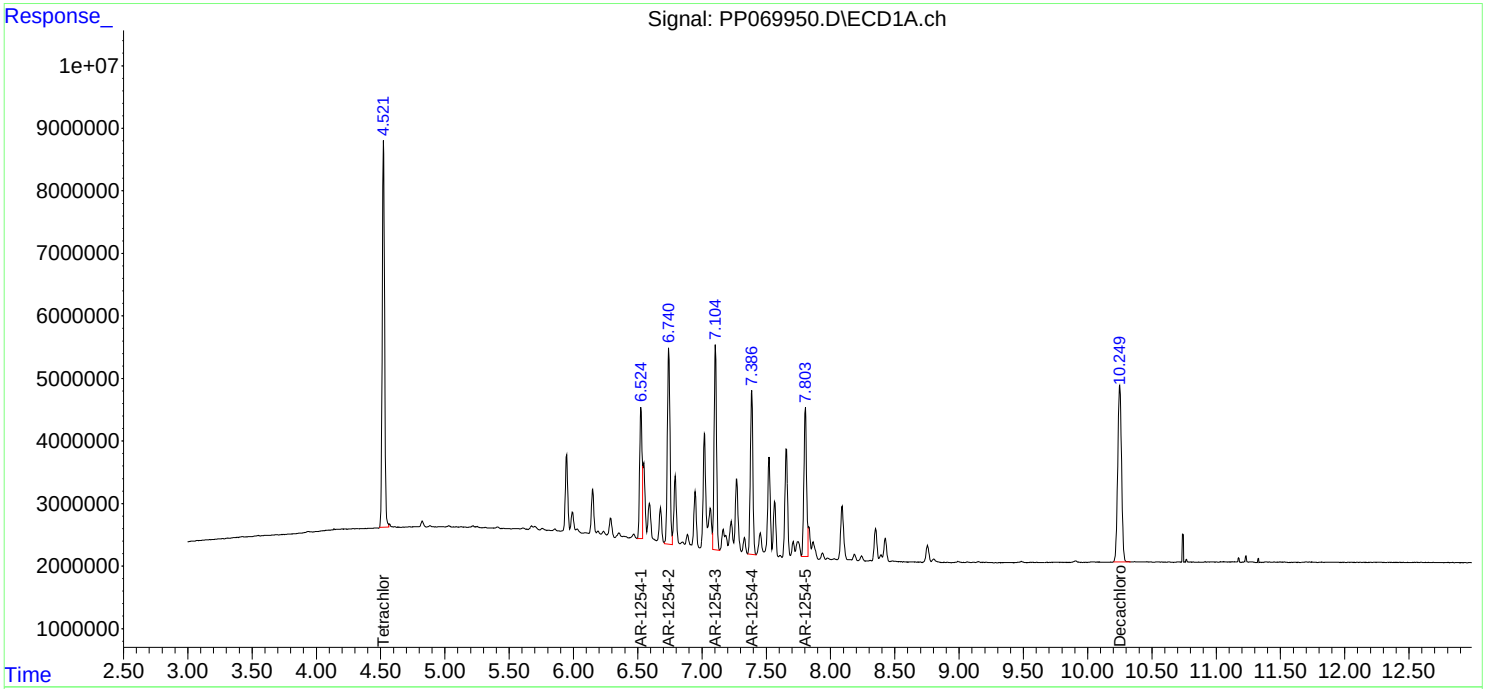
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

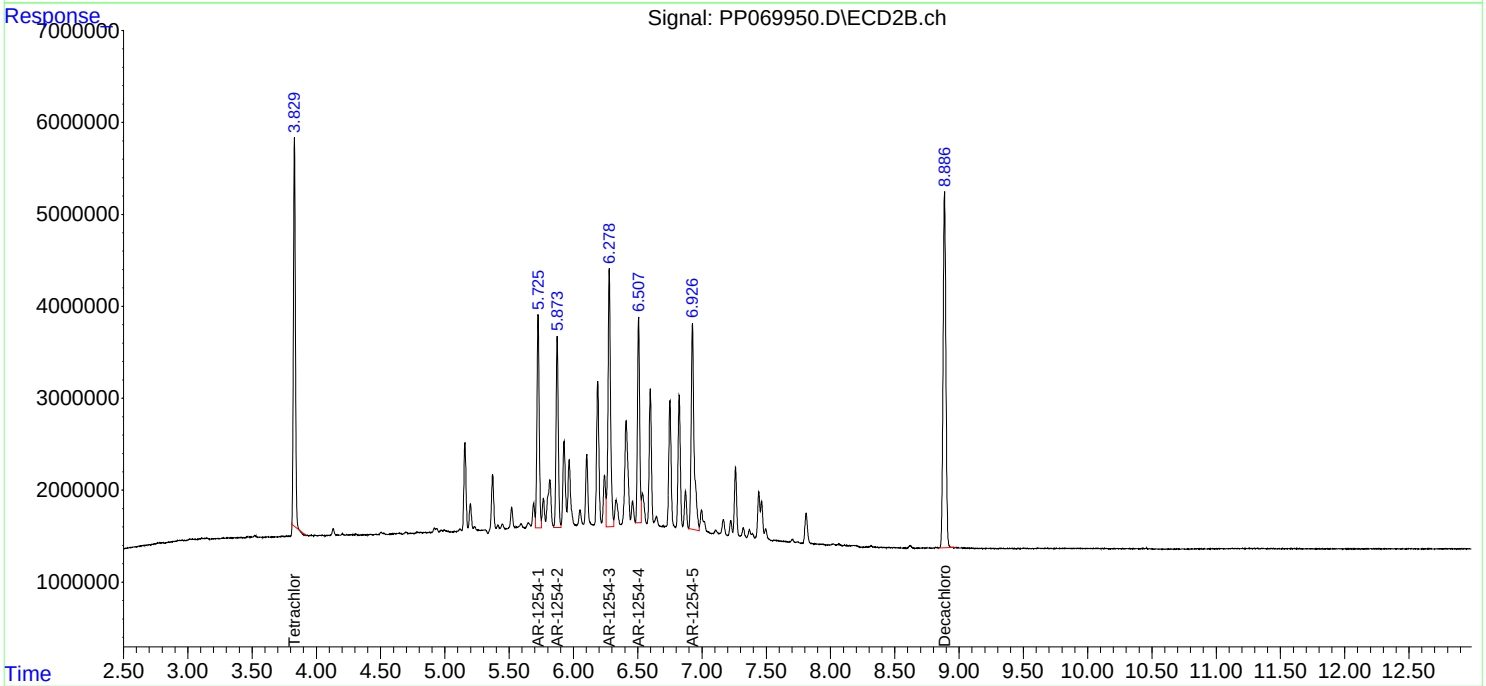
Manual Integrations APPROVED

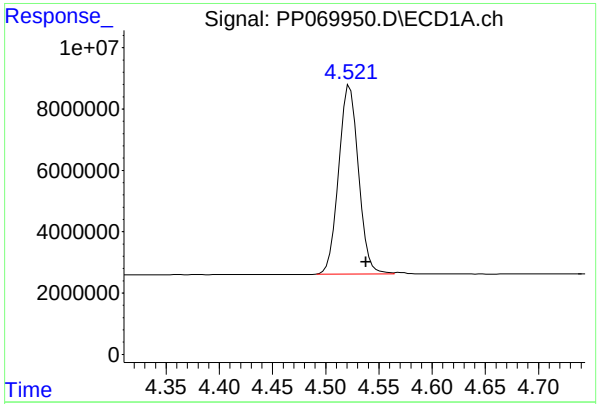
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 05:00:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







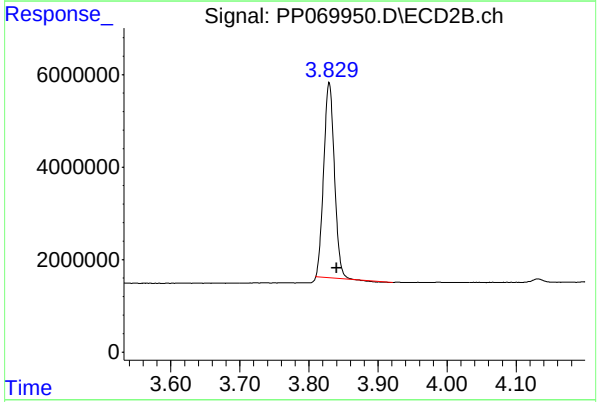
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 79514470
Conc: 55.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

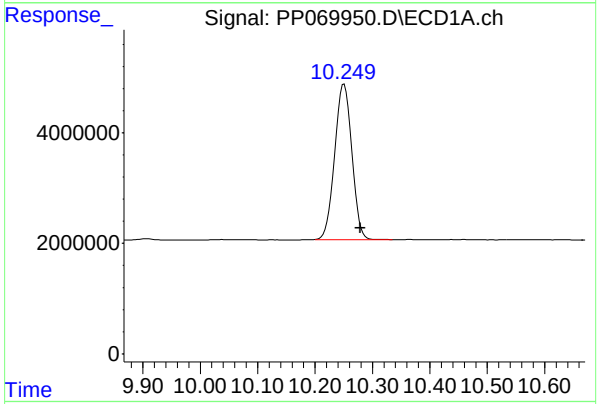
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



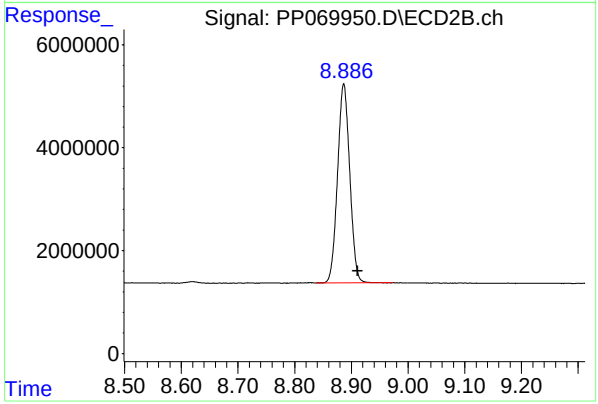
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 45233076
Conc: 50.68 ng/ml



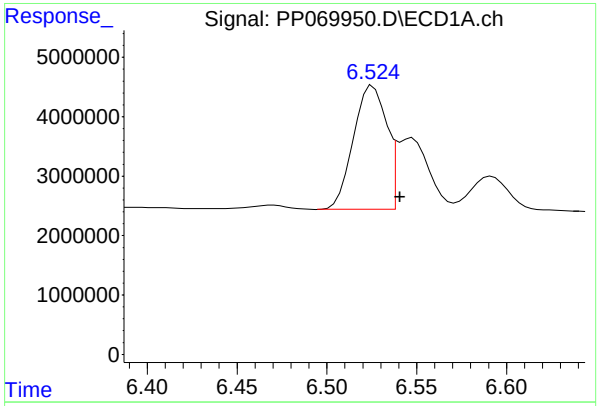
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.028 min
Response: 58624055
Conc: 53.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.025 min
Response: 57845987
Conc: 51.72 ng/ml



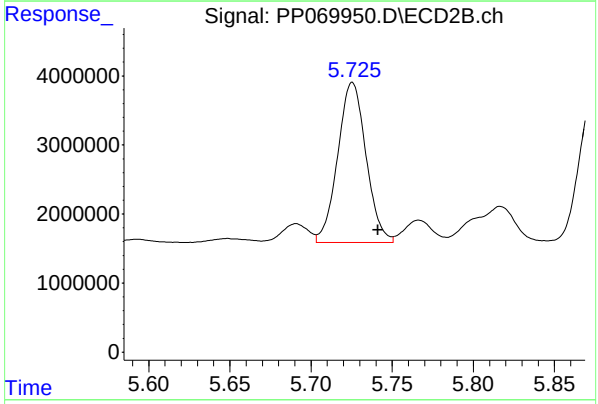
#26 AR-1254-1

R.T.: 6.524 min
Delta R.T.: -0.016 min
Response: 28324647
Conc: 489.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

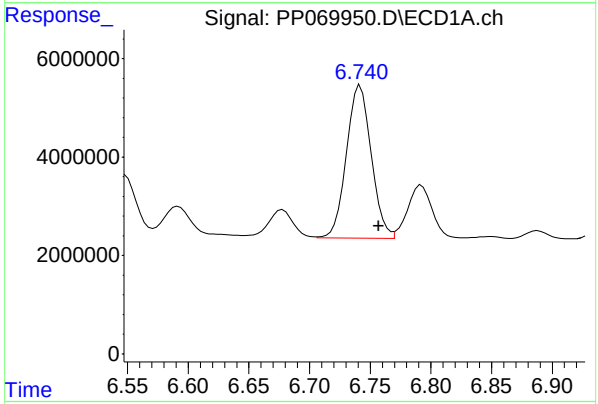
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



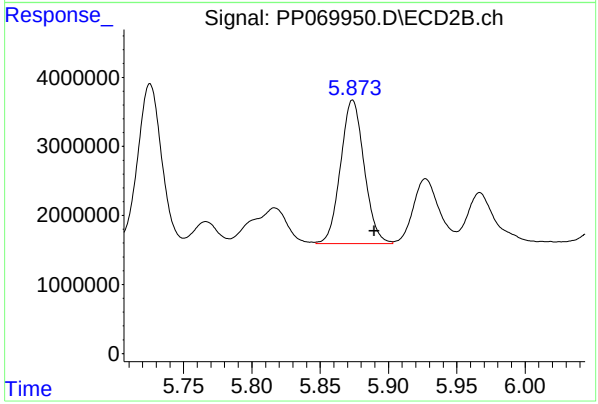
#26 AR-1254-1

R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 28157292
Conc: 511.43 ng/ml



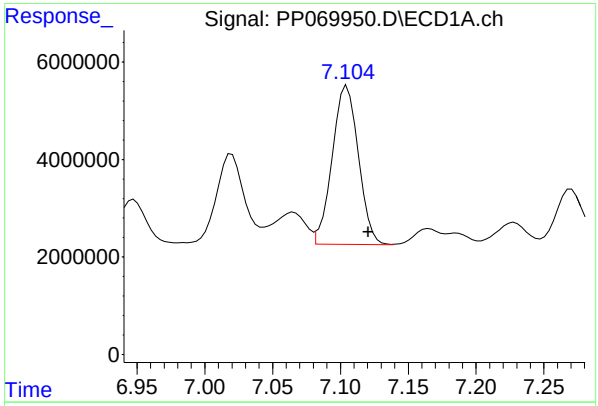
#27 AR-1254-2

R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 44272908
Conc: 551.74 ng/ml



#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 24997438
Conc: 516.81 ng/ml



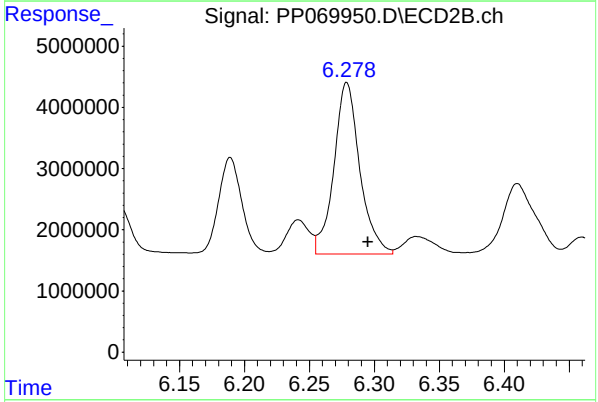
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.016 mi
Response: 43772395
Conc: 519.32 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

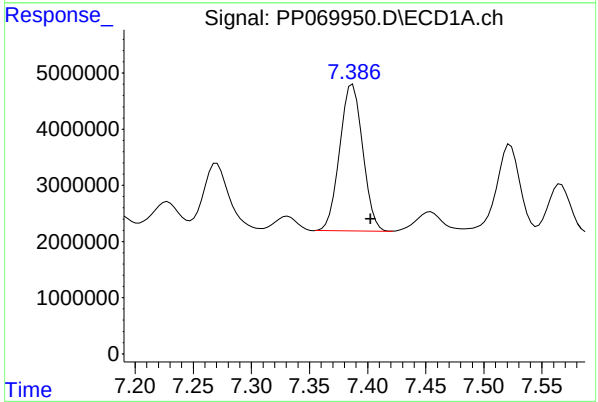
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



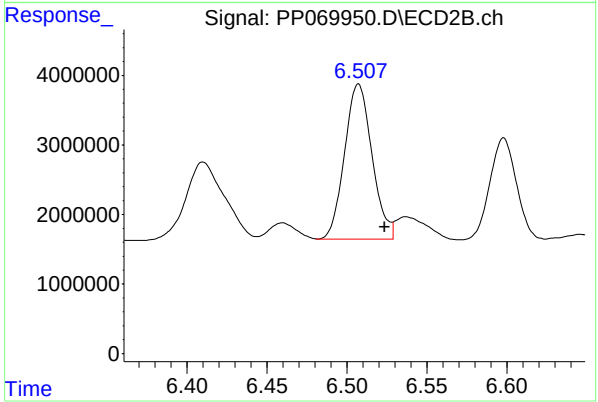
#28 AR-1254-3

R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 38952286
Conc: 513.23 ng/ml



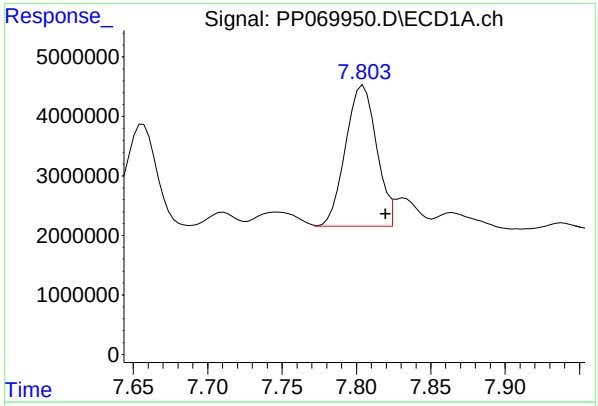
#29 AR-1254-4

R.T.: 7.387 min
Delta R.T.: -0.015 min
Response: 35918284
Conc: 526.75 ng/ml



#29 AR-1254-4

R.T.: 6.507 min
Delta R.T.: -0.017 min
Response: 26819394
Conc: 523.31 ng/ml m



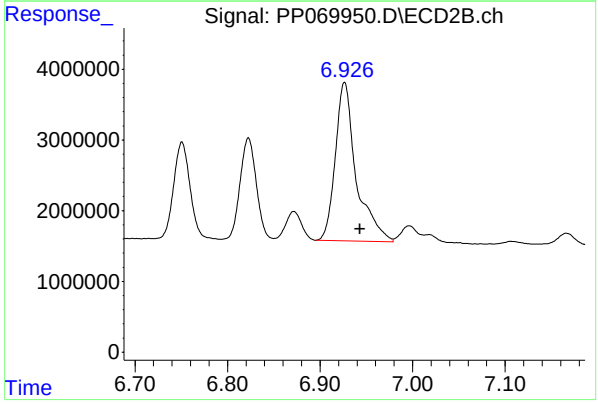
#30 AR-1254-5

R.T.: 7.803 min
Delta R.T.: -0.016 min
Response: 35196871
Conc: 517.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



#30 AR-1254-5

R.T.: 6.927 min
Delta R.T.: -0.017 min
Response: 35177945
Conc: 528.51 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/21/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 09:16 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-2	(2)	5.70	5.71	5.61	5.81	0.01
Aroclor-1016-3	(3)	5.76	5.78	5.68	5.88	0.02
Aroclor-1016-4	(4)	5.86	5.87	5.77	5.97	0.01
Aroclor-1016-5	(5)	6.15	6.17	6.07	6.27	0.02
Aroclor-1260-1	(1)	7.27	7.29	7.19	7.39	0.02
Aroclor-1260-2	(2)	7.53	7.54	7.44	7.64	0.01
Aroclor-1260-3	(3)	7.89	7.90	7.80	8.00	0.01
Aroclor-1260-4	(4)	8.11	8.13	8.03	8.23	0.02
Aroclor-1260-5	(5)	8.43	8.45	8.35	8.55	0.02
Tetrachloro-m-xylene		4.53	4.54	4.44	4.64	0.01
Decachlorobiphenyl		10.26	10.28	10.18	10.38	0.02

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/21/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 09:16 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.92	4.93	4.83	5.03	0.01
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.12	5.13	5.03	5.23	0.01
Aroclor-1016-4	(4)	5.16	5.17	5.07	5.27	0.01
Aroclor-1016-5	(5)	5.38	5.39	5.29	5.49	0.01
Aroclor-1260-1	(1)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-2	(2)	6.60	6.62	6.52	6.72	0.02
Aroclor-1260-3	(3)	6.76	6.77	6.67	6.87	0.01
Aroclor-1260-4	(4)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-5	(5)	7.47	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL10 **Date Analyzed:** 02/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069953.D **Time Analyzed:** 09:16

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.678	5.592	5.792	600.590	500.000	20.1
Aroclor-1016-2	5.702	5.614	5.814	532.170	500.000	6.4
Aroclor-1016-3	5.764	5.676	5.876	520.050	500.000	4.0
Aroclor-1016-4	5.861	5.774	5.974	532.460	500.000	6.5
Aroclor-1016-5	6.154	6.067	6.267	494.630	500.000	-1.1
Aroclor-1260-1	7.274	7.187	7.387	512.450	500.000	2.5
Aroclor-1260-2	7.527	7.441	7.641	508.810	500.000	1.8
Aroclor-1260-3	7.885	7.800	8.000	521.910	500.000	4.4
Aroclor-1260-4	8.110	8.025	8.225	494.890	500.000	-1.0
Aroclor-1260-5	8.432	8.347	8.547	513.580	500.000	2.7
Decachlorobiphenyl	10.257	10.179	10.379	54.010	50.000	8.0
Tetrachloro-m-xylene	4.526	4.438	4.638	55.440	50.000	10.9

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL10 **Date Analyzed:** 02/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069953.D **Time Analyzed:** 09:16

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.921	4.834	5.034	511.830	500.000	2.4
Aroclor-1016-2	4.940	4.853	5.053	488.550	500.000	-2.3
Aroclor-1016-3	5.119	5.030	5.230	510.960	500.000	2.2
Aroclor-1016-4	5.160	5.072	5.272	510.240	500.000	2.0
Aroclor-1016-5	5.375	5.288	5.488	493.980	500.000	-1.2
Aroclor-1260-1	6.413	6.326	6.526	508.430	500.000	1.7
Aroclor-1260-2	6.601	6.515	6.715	526.150	500.000	5.2
Aroclor-1260-3	6.755	6.670	6.870	462.750	500.000	-7.5
Aroclor-1260-4	7.227	7.142	7.342	528.470	500.000	5.7
Aroclor-1260-5	7.468	7.384	7.584	543.670	500.000	8.7
Decachlorobiphenyl	8.889	8.811	9.011	50.500	50.000	1.0
Tetrachloro-m-xylene	3.832	3.740	3.940	52.870	50.000	5.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 09:16
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:09:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.832	79362312	47192859	55.441m	52.875m
2)	SA Decachlor...	10.257	8.889	59028244	56484086	54.011	50.501
	Target Compounds						
3)	L1 AR-1016-1	5.678	4.921	27827005	16693254	600.587m	511.827m
4)	L1 AR-1016-2	5.702	4.940	36121970	21964330	532.167	488.548m
5)	L1 AR-1016-3	5.764	5.119	22152279	12714719	520.048	510.960
6)	L1 AR-1016-4	5.861	5.160	18636361	10304985	532.460	510.242
7)	L1 AR-1016-5	6.154	5.375	16351874	13250532	494.634	493.982
31)	L7 AR-1260-1	7.274	6.413	29945635	24521502	512.449	508.433
32)	L7 AR-1260-2	7.527	6.601	39591768	32255093	508.807	526.153
33)	L7 AR-1260-3	7.885	6.755	32629542	27837207	521.912	462.747m
34)	L7 AR-1260-4	8.110	7.227	32651096	24557005	494.888	528.475
35)	L7 AR-1260-5	8.432	7.468	67240463	60426082	513.576	543.669

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 09:16
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

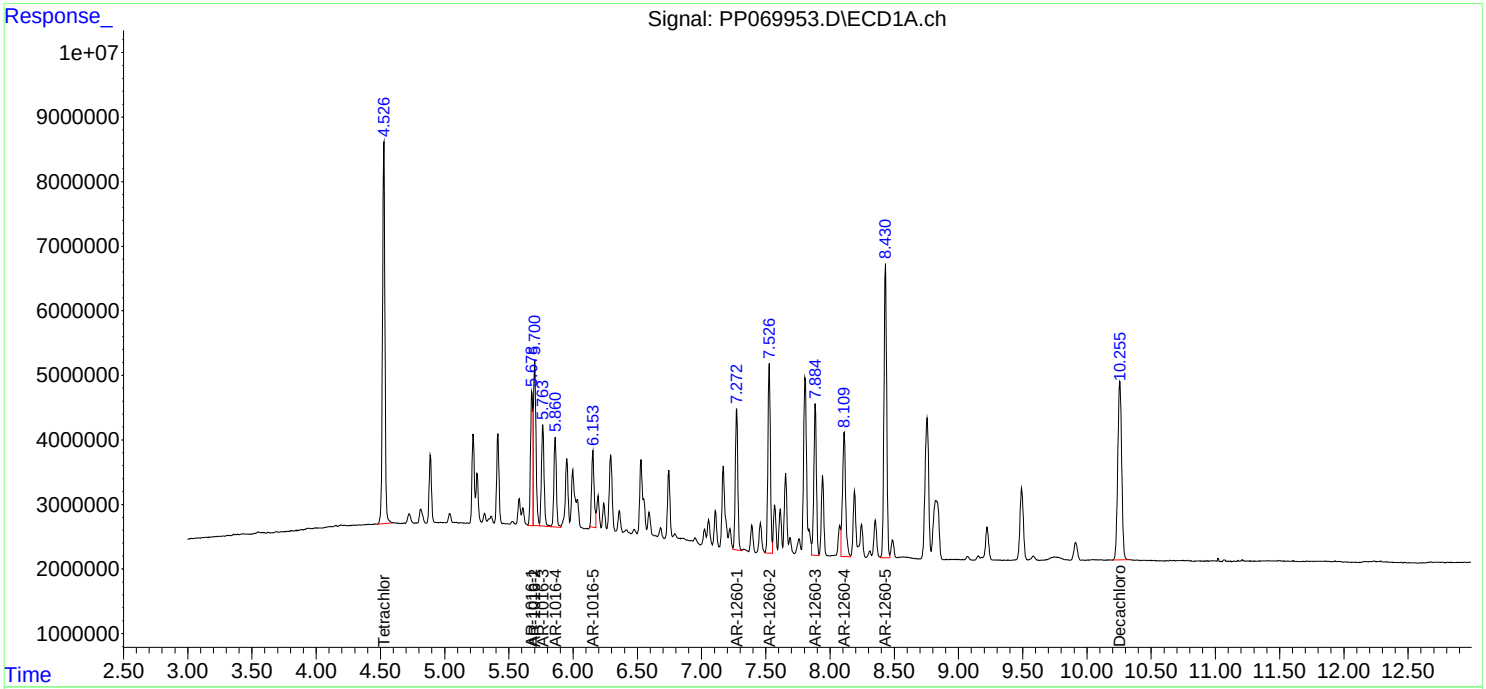
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

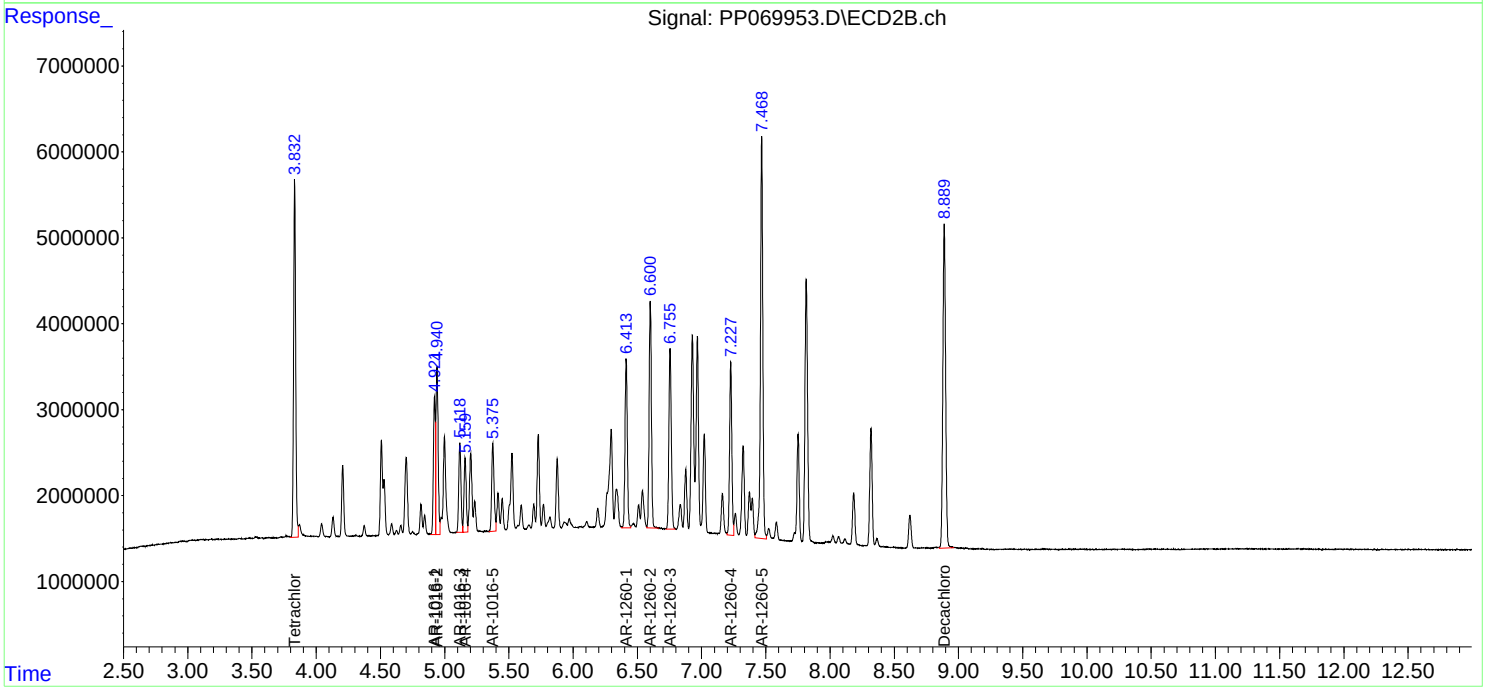
Manual Integrations APPROVED

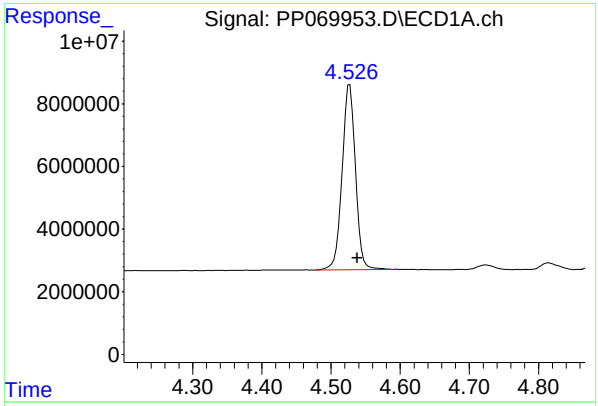
Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:09:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







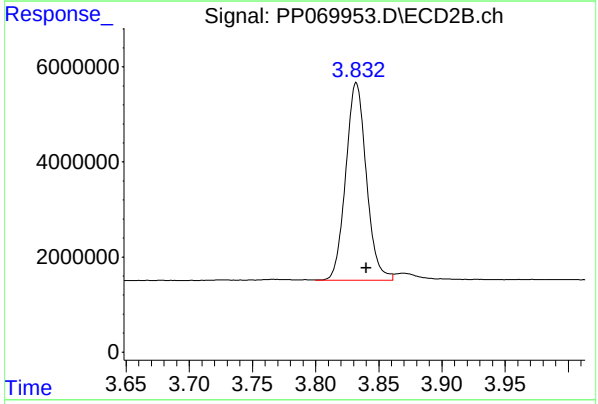
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.012 mi
Response: 79362312
Conc: 55.44 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

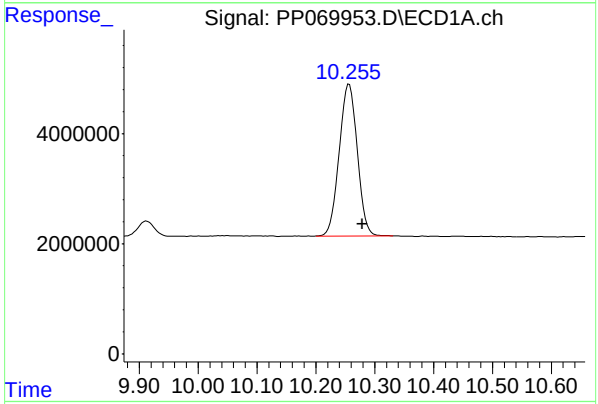
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



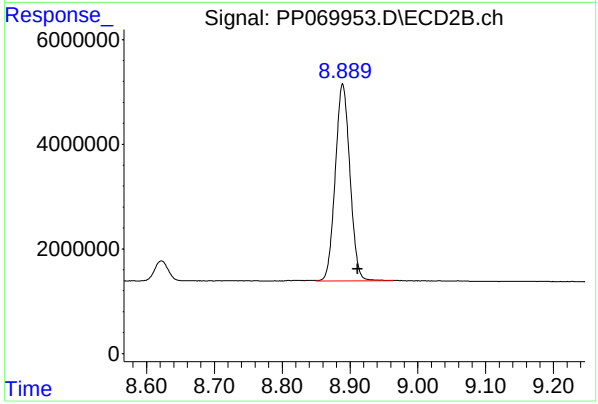
#1 Tetrachloro-m-xylene

R.T.: 3.832 min
Delta R.T.: -0.008 min
Response: 47192859
Conc: 52.87 ng/ml m



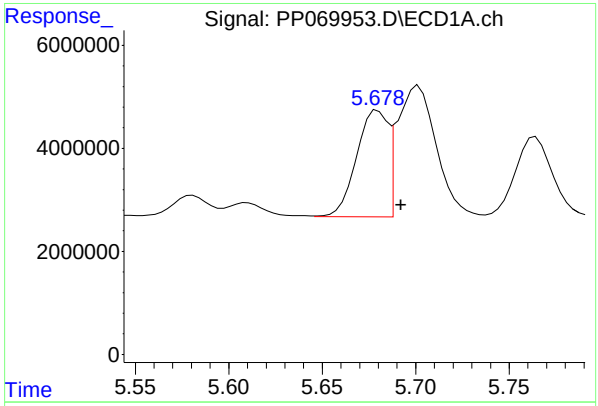
#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: -0.022 min
Response: 59028244
Conc: 54.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 56484086
Conc: 50.50 ng/ml



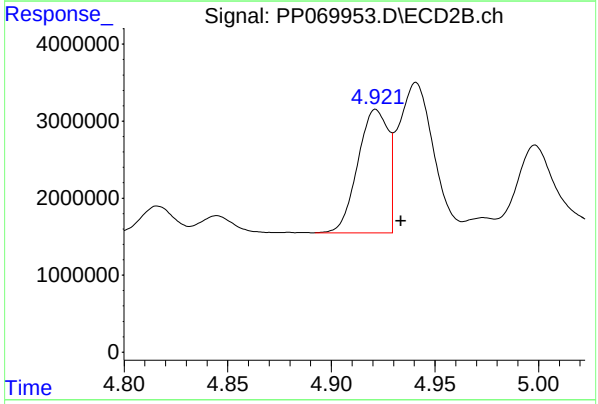
#3 AR-1016-1

R.T.: 5.678 min
Delta R.T.: -0.014 mi
Response: 27827005
Conc: 600.59 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

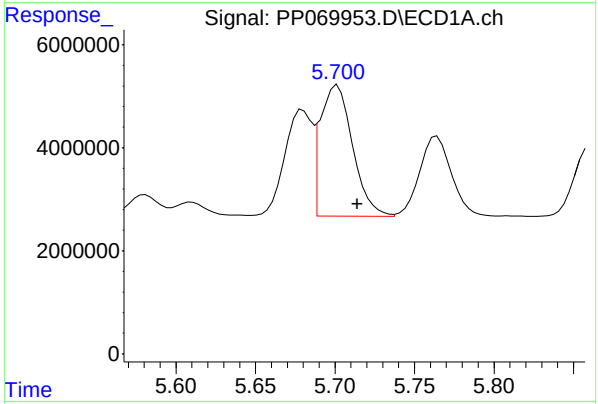
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



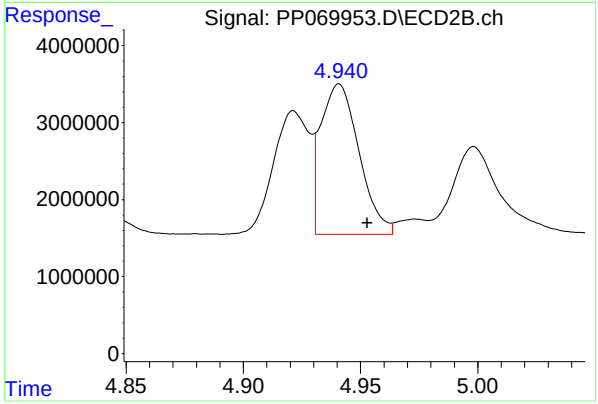
#3 AR-1016-1

R.T.: 4.921 min
Delta R.T.: -0.013 min
Response: 16693254
Conc: 511.83 ng/ml m



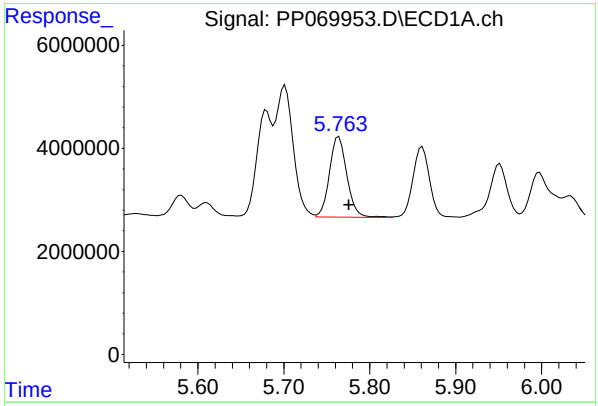
#4 AR-1016-2

R.T.: 5.702 min
Delta R.T.: -0.012 min
Response: 36121970
Conc: 532.17 ng/ml



#4 AR-1016-2

R.T.: 4.940 min
Delta R.T.: -0.012 min
Response: 21964330
Conc: 488.55 ng/ml m



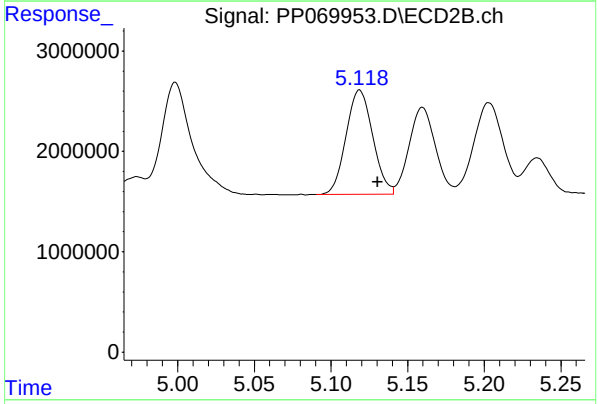
#5 AR-1016-3

R.T.: 5.764 min
Delta R.T.: -0.012 min
Response: 22152279
Conc: 520.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

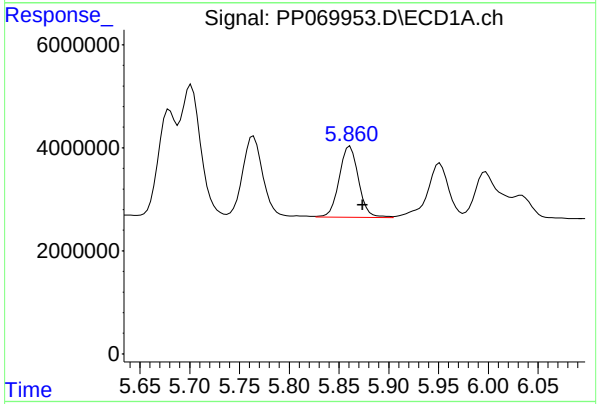
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



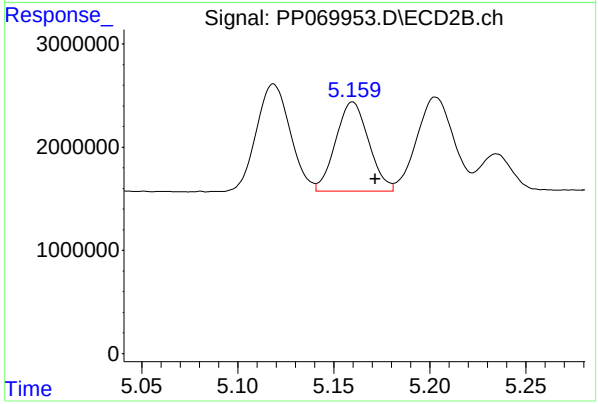
#5 AR-1016-3

R.T.: 5.119 min
Delta R.T.: -0.012 min
Response: 12714719
Conc: 510.96 ng/ml



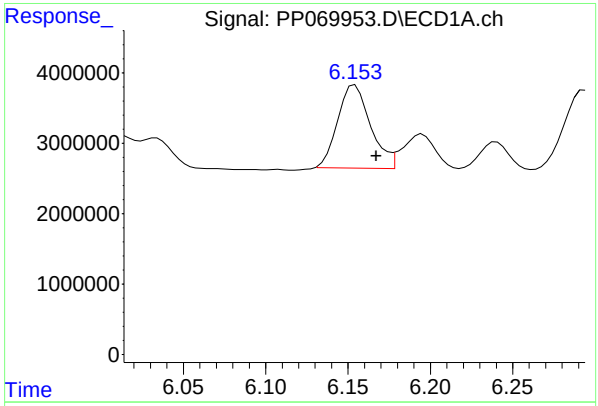
#6 AR-1016-4

R.T.: 5.861 min
Delta R.T.: -0.013 min
Response: 18636361
Conc: 532.46 ng/ml



#6 AR-1016-4

R.T.: 5.160 min
Delta R.T.: -0.012 min
Response: 10304985
Conc: 510.24 ng/ml



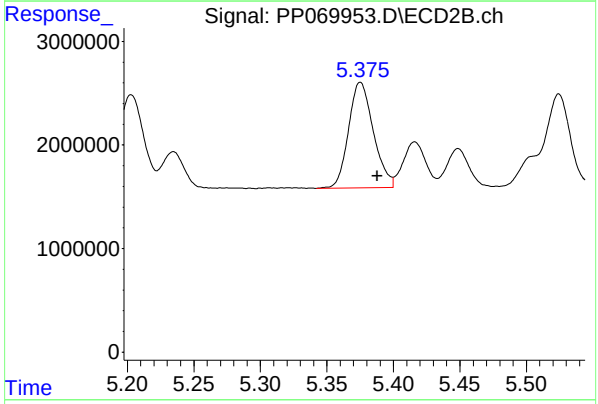
#7 AR-1016-5

R.T.: 6.154 min
Delta R.T.: -0.013 min
Response: 16351874
Conc: 494.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

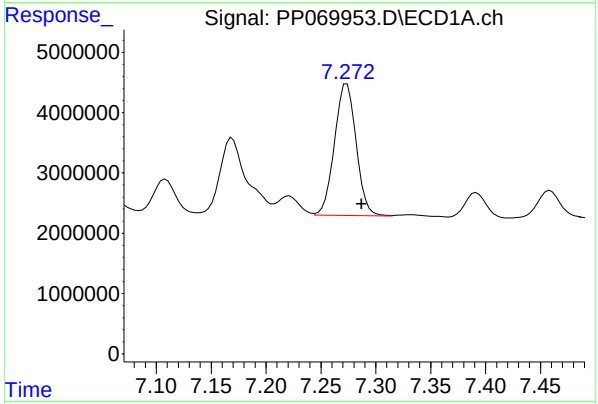
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



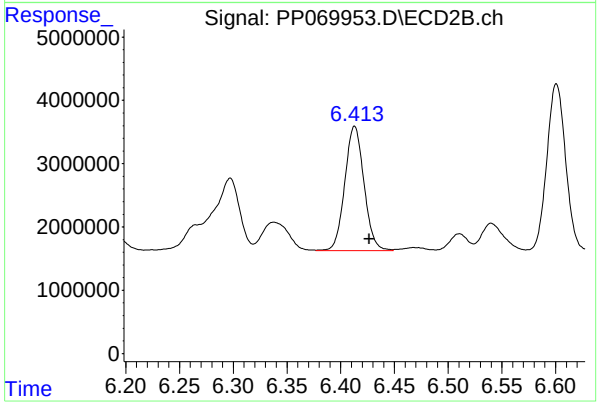
#7 AR-1016-5

R.T.: 5.375 min
Delta R.T.: -0.013 min
Response: 13250532
Conc: 493.98 ng/ml



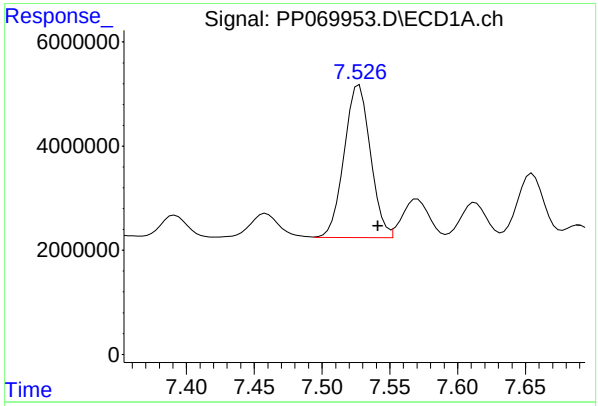
#31 AR-1260-1

R.T.: 7.274 min
Delta R.T.: -0.013 min
Response: 29945635
Conc: 512.45 ng/ml



#31 AR-1260-1

R.T.: 6.413 min
Delta R.T.: -0.014 min
Response: 24521502
Conc: 508.43 ng/ml



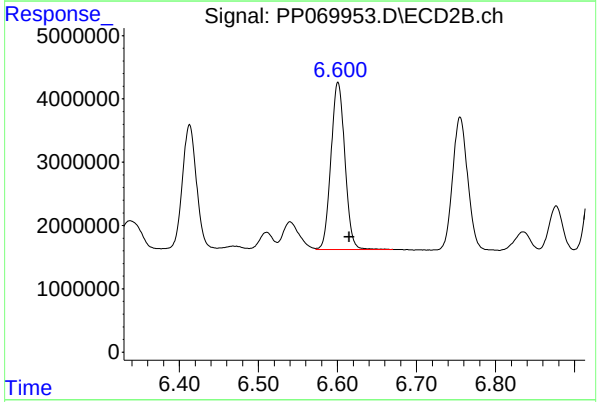
#32 AR-1260-2

R.T.: 7.527 min
Delta R.T.: -0.014 mi
Response: 39591768
Conc: 508.81 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

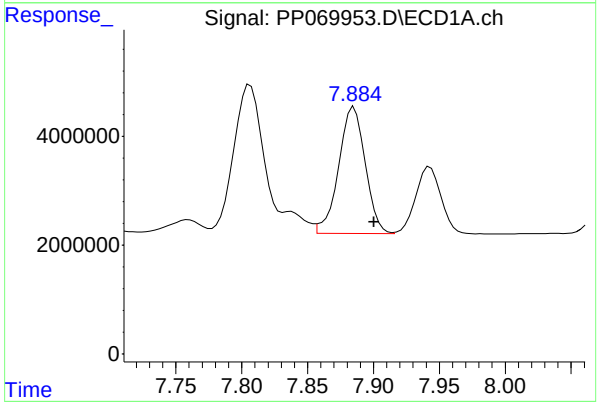
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



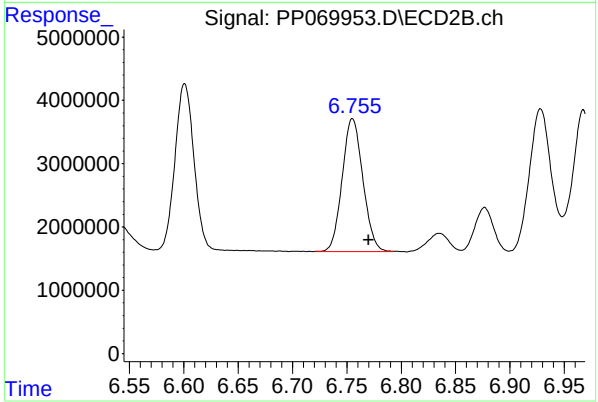
#32 AR-1260-2

R.T.: 6.601 min
Delta R.T.: -0.014 min
Response: 32255093
Conc: 526.15 ng/ml



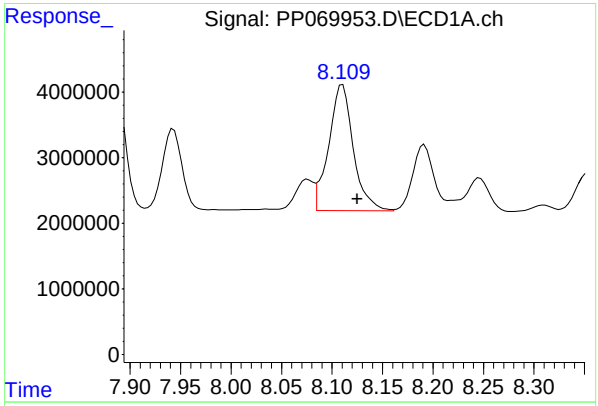
#33 AR-1260-3

R.T.: 7.885 min
Delta R.T.: -0.015 min
Response: 32629542
Conc: 521.91 ng/ml



#33 AR-1260-3

R.T.: 6.755 min
Delta R.T.: -0.015 min
Response: 27837207
Conc: 462.75 ng/ml m



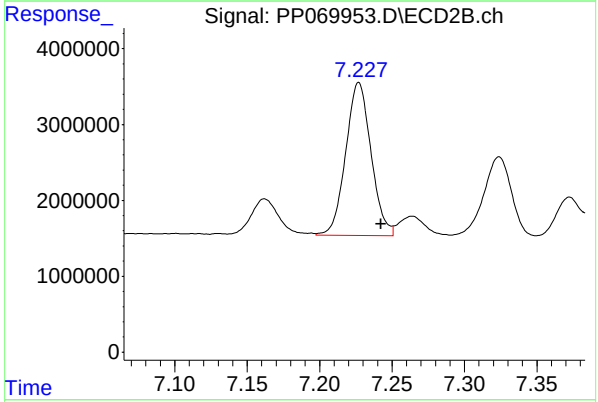
#34 AR-1260-4

R.T.: 8.110 min
Delta R.T.: -0.015 min
Response: 32651096
Conc: 494.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

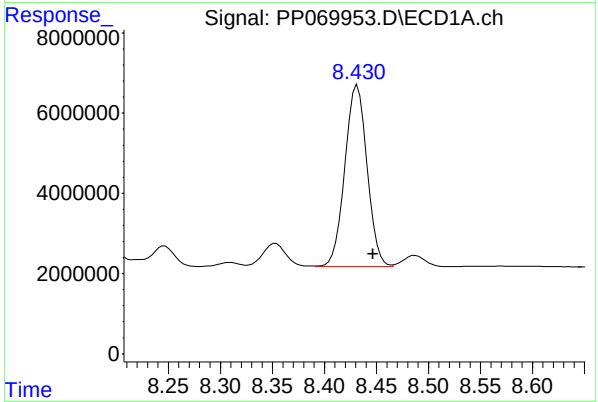
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



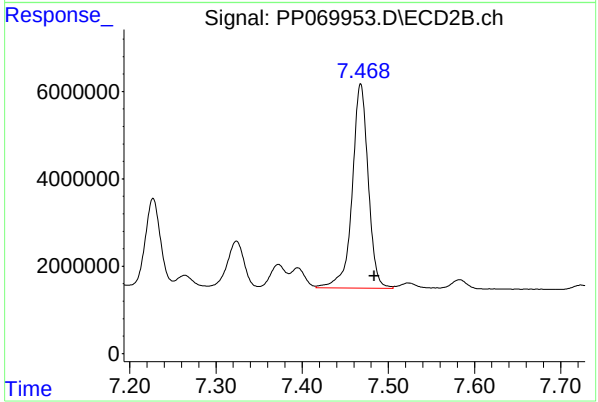
#34 AR-1260-4

R.T.: 7.227 min
Delta R.T.: -0.015 min
Response: 24557005
Conc: 528.47 ng/ml



#35 AR-1260-5

R.T.: 8.432 min
Delta R.T.: -0.015 min
Response: 67240463
Conc: 513.58 ng/ml



#35 AR-1260-5

R.T.: 7.468 min
Delta R.T.: -0.016 min
Response: 60426082
Conc: 543.67 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/21/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 10:04 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	6.52	6.54	6.44	6.64	0.02
Aroclor-1254-2	(2)	6.74	6.76	6.66	6.86	0.02
Aroclor-1254-3	(3)	7.11	7.12	7.02	7.22	0.01
Aroclor-1254-4	(4)	7.39	7.40	7.30	7.50	0.01
Aroclor-1254-5	(5)	7.80	7.82	7.72	7.92	0.02
Tetrachloro-m-xylene		4.52	4.53	4.43	4.63	0.01
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/21/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 10:04 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	5.73	5.74	5.64	5.84	0.01
Aroclor-1254-2	(2)	5.87	5.89	5.79	5.99	0.02
Aroclor-1254-3	(3)	6.28	6.30	6.20	6.40	0.02
Aroclor-1254-4	(4)	6.51	6.52	6.42	6.62	0.01
Aroclor-1254-5	(5)	6.93	6.94	6.84	7.04	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL11 **Date Analyzed:** 02/21/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069956.D **Time Analyzed:** 10:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	6.524	6.439	6.639	445.040	500.000	-11.0
Aroclor-1254-2	6.742	6.656	6.856	521.560	500.000	4.3
Aroclor-1254-3	7.105	7.019	7.219	494.310	500.000	-1.1
Aroclor-1254-4	7.387	7.301	7.501	511.750	500.000	2.4
Aroclor-1254-5	7.803	7.719	7.919	494.290	500.000	-1.1
Decachlorobiphenyl	10.249	10.175	10.375	51.620	50.000	3.2
Tetrachloro-m-xylene	4.523	4.434	4.634	53.040	50.000	6.1

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL11 **Date Analyzed:** 02/21/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069956.D **Time Analyzed:** 10:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.726	5.642	5.842	481.880	500.000	-3.6
Aroclor-1254-2	5.874	5.790	5.990	491.440	500.000	-1.7
Aroclor-1254-3	6.279	6.195	6.395	489.360	500.000	-2.1
Aroclor-1254-4	6.507	6.423	6.623	485.970	500.000	-2.8
Aroclor-1254-5	6.927	6.844	7.044	485.750	500.000	-2.9
Decachlorobiphenyl	8.886	8.809	9.009	47.050	50.000	-5.9
Tetrachloro-m-xylene	3.829	3.740	3.940	52.180	50.000	4.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 10:04
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:11:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.829	75921926	46573356	53.037	52.181m
2)	SA Decachlor...	10.249	8.886	56416488	52622294	51.621	47.048
	Target Compounds						
26)	L6 AR-1254-1	6.524	5.726	25751665	26530540	445.040m	481.885
27)	L6 AR-1254-2	6.742	5.874	41850874	23770358	521.559	491.440
28)	L6 AR-1254-3	7.105	6.279	41664980	37140214	494.314	489.356
29)	L6 AR-1254-4	7.387	6.507	34895103	24905911	511.750	485.972m
30)	L6 AR-1254-5	7.803	6.927	33634306	32331986	494.287m	485.754

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 10:04
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

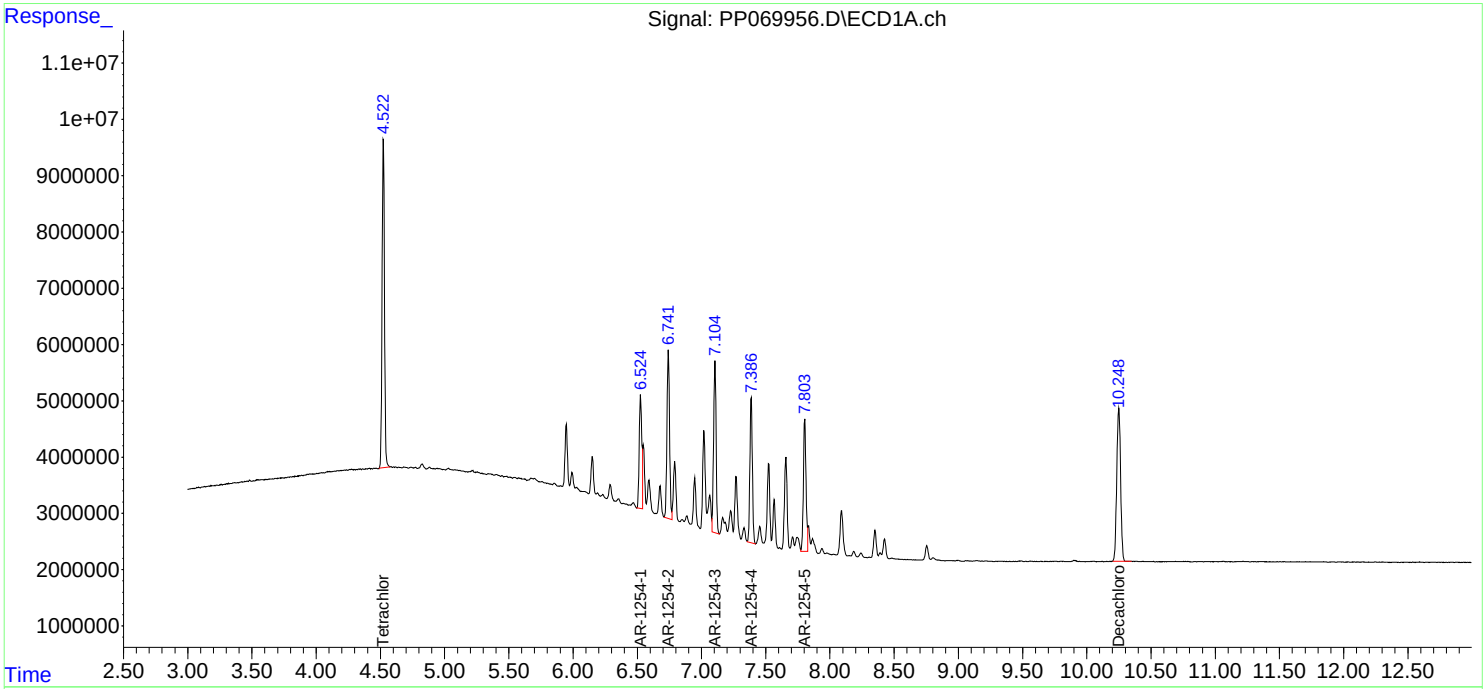
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

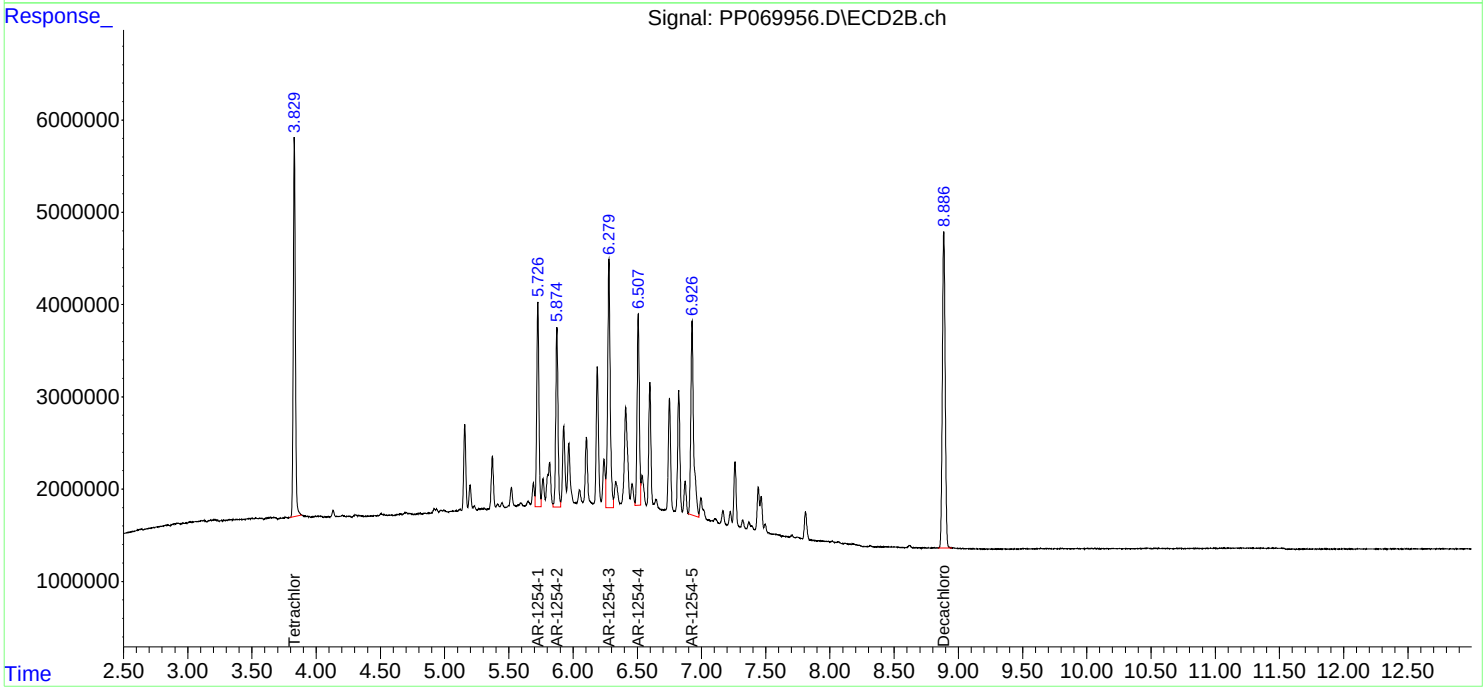
Manual Integrations APPROVED

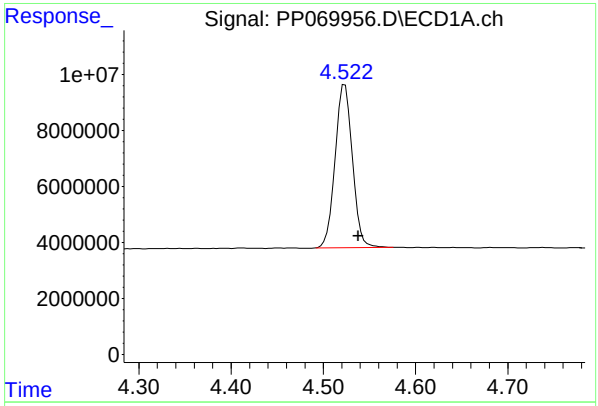
Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:11:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







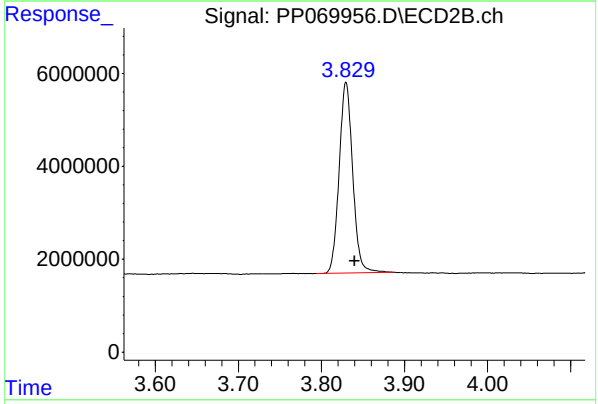
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 75921926
Conc: 53.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

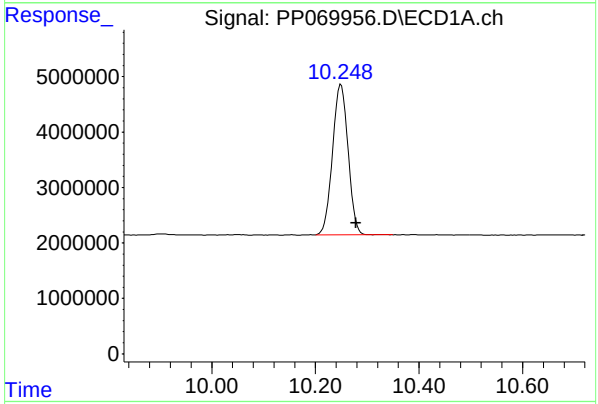
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



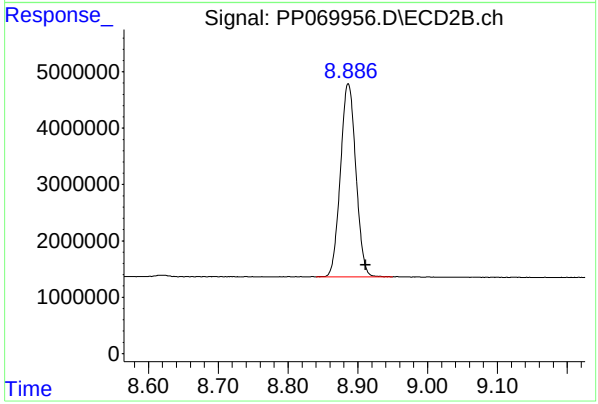
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 46573356
Conc: 52.18 ng/ml m



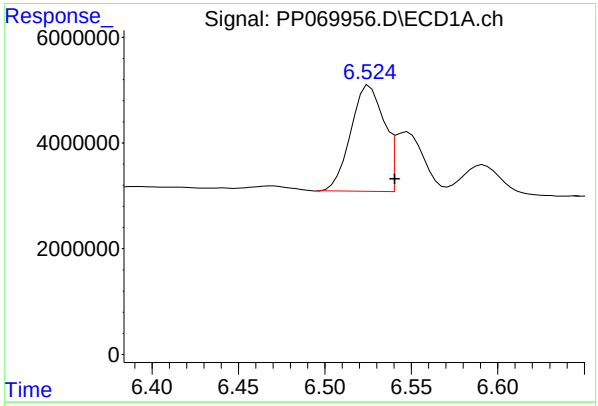
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.029 min
Response: 56416488
Conc: 51.62 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.886 min
Delta R.T.: -0.025 min
Response: 52622294
Conc: 47.05 ng/ml



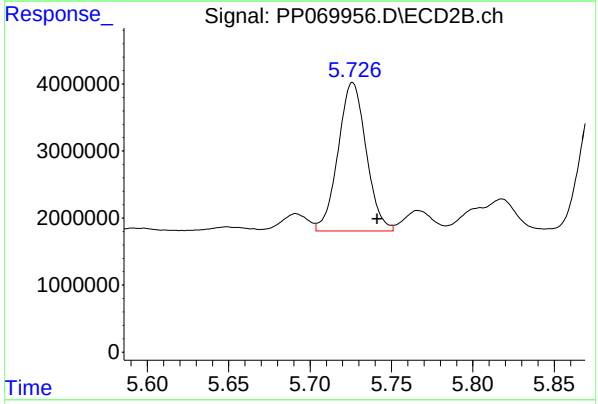
#26 AR-1254-1

R.T.: 6.524 min
Delta R.T.: -0.016 min
Response: 25751665
Conc: 445.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

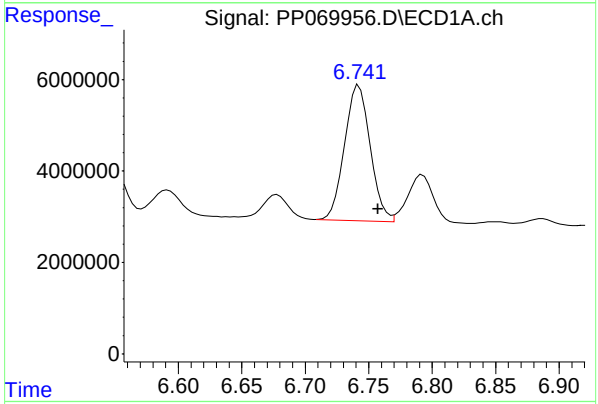
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



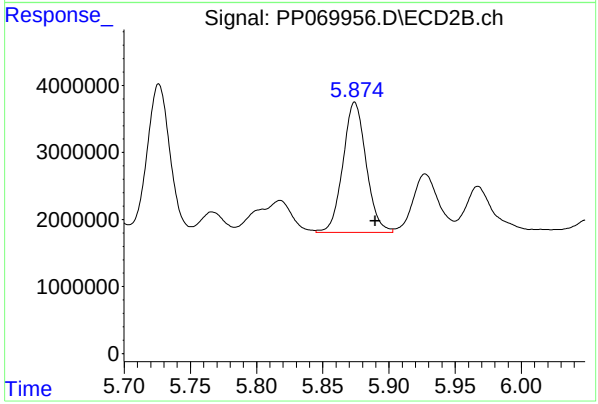
#26 AR-1254-1

R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 26530540
Conc: 481.88 ng/ml



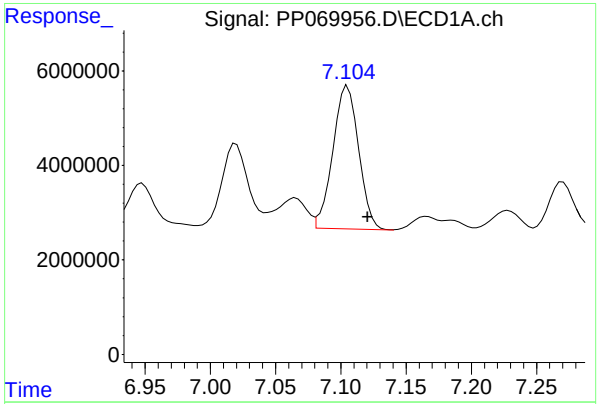
#27 AR-1254-2

R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 41850874
Conc: 521.56 ng/ml



#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 23770358
Conc: 491.44 ng/ml



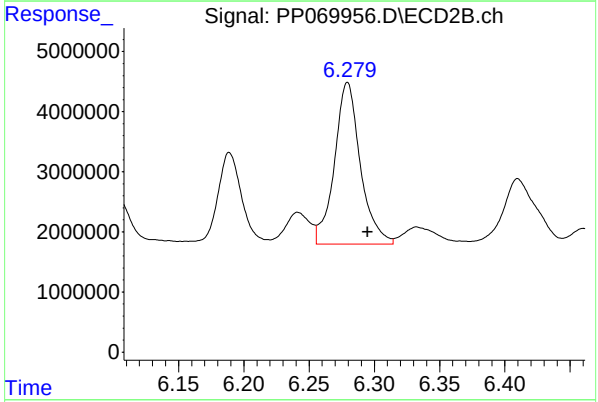
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 41664980
Conc: 494.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

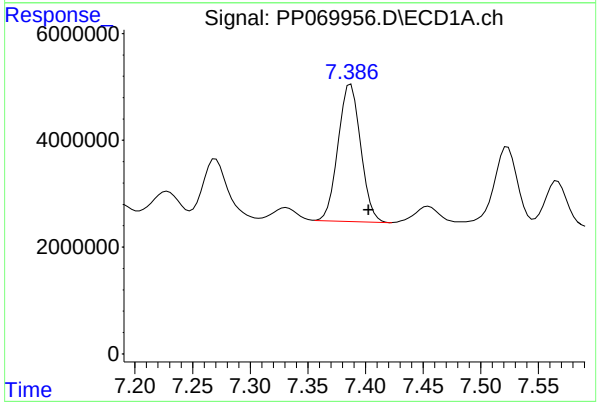
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



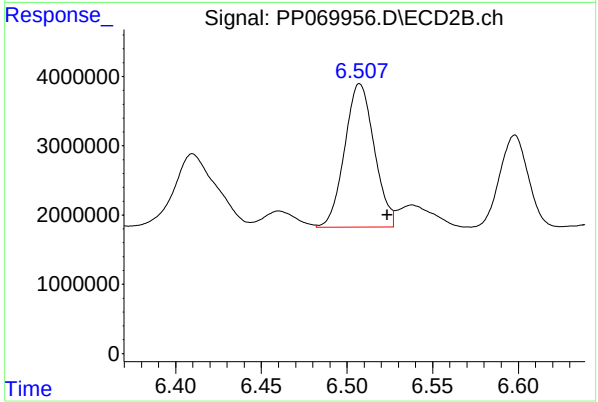
#28 AR-1254-3

R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 37140214
Conc: 489.36 ng/ml



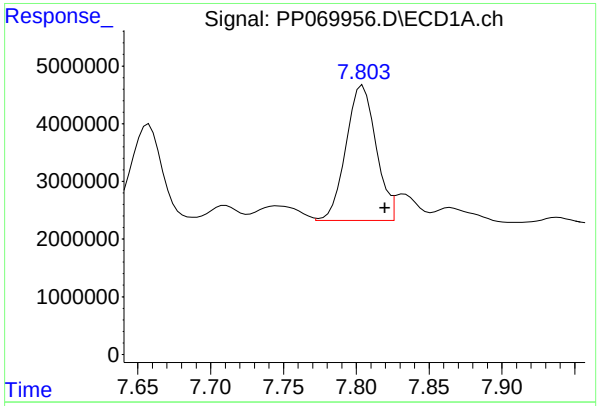
#29 AR-1254-4

R.T.: 7.387 min
Delta R.T.: -0.016 min
Response: 34895103
Conc: 511.75 ng/ml



#29 AR-1254-4

R.T.: 6.507 min
Delta R.T.: -0.017 min
Response: 24905911
Conc: 485.97 ng/ml m



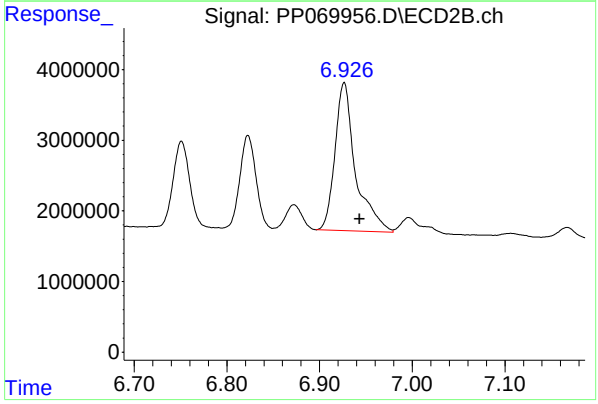
#30 AR-1254-5

R.T.: 7.803 min
Delta R.T.: -0.016 min
Response: 33634306
Conc: 494.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



#30 AR-1254-5

R.T.: 6.927 min
Delta R.T.: -0.017 min
Response: 32331986
Conc: 485.75 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/21/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 14:58 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.68	5.69	5.59	5.79	0.01
Aroclor-1016-2	(2)	5.70	5.71	5.61	5.81	0.01
Aroclor-1016-3	(3)	5.76	5.78	5.68	5.88	0.02
Aroclor-1016-4	(4)	5.86	5.87	5.77	5.97	0.01
Aroclor-1016-5	(5)	6.15	6.17	6.07	6.27	0.02
Aroclor-1260-1	(1)	7.27	7.29	7.19	7.39	0.02
Aroclor-1260-2	(2)	7.53	7.54	7.44	7.64	0.01
Aroclor-1260-3	(3)	7.88	7.90	7.80	8.00	0.02
Aroclor-1260-4	(4)	8.11	8.13	8.03	8.23	0.02
Aroclor-1260-5	(5)	8.43	8.45	8.35	8.55	0.02
Tetrachloro-m-xylene		4.53	4.54	4.44	4.64	0.01
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/21/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 14:58 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.92	4.93	4.83	5.03	0.01
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.12	5.13	5.03	5.23	0.01
Aroclor-1016-4	(4)	5.16	5.17	5.07	5.27	0.01
Aroclor-1016-5	(5)	5.37	5.39	5.29	5.49	0.02
Aroclor-1260-1	(1)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-2	(2)	6.60	6.62	6.52	6.72	0.02
Aroclor-1260-3	(3)	6.75	6.77	6.67	6.87	0.02
Aroclor-1260-4	(4)	7.23	7.24	7.14	7.34	0.02
Aroclor-1260-5	(5)	7.47	7.48	7.38	7.58	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL12 **Date Analyzed:** 02/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069967.D **Time Analyzed:** 14:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.677	5.592	5.792	522.230	500.000	4.4
Aroclor-1016-2	5.701	5.614	5.814	459.800	500.000	-8.0
Aroclor-1016-3	5.763	5.676	5.876	437.360	500.000	-12.5
Aroclor-1016-4	5.861	5.774	5.974	452.610	500.000	-9.5
Aroclor-1016-5	6.152	6.067	6.267	461.540	500.000	-7.7
Aroclor-1260-1	7.272	7.187	7.387	436.560	500.000	-12.7
Aroclor-1260-2	7.526	7.441	7.641	434.730	500.000	-13.1
Aroclor-1260-3	7.884	7.800	8.000	447.160	500.000	-10.6
Aroclor-1260-4	8.108	8.025	8.225	412.700	500.000	-17.5
Aroclor-1260-5	8.429	8.347	8.547	455.700	500.000	-8.9
Decachlorobiphenyl	10.251	10.179	10.379	47.880	50.000	-4.2
Tetrachloro-m-xylene	4.525	4.438	4.638	52.560	50.000	5.1

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL12 **Date Analyzed:** 02/21/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP069967.D **Time Analyzed:** 14:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.919	4.834	5.034	447.700	500.000	-10.5
Aroclor-1016-2	4.939	4.853	5.053	510.780	500.000	2.2
Aroclor-1016-3	5.116	5.030	5.230	493.140	500.000	-1.4
Aroclor-1016-4	5.157	5.072	5.272	482.780	500.000	-3.4
Aroclor-1016-5	5.373	5.288	5.488	477.600	500.000	-4.5
Aroclor-1260-1	6.410	6.326	6.526	451.140	500.000	-9.8
Aroclor-1260-2	6.598	6.515	6.715	470.090	500.000	-6.0
Aroclor-1260-3	6.752	6.670	6.870	425.860	500.000	-14.8
Aroclor-1260-4	7.225	7.142	7.342	460.000	500.000	-8.0
Aroclor-1260-5	7.465	7.384	7.584	468.000	500.000	-6.4
Decachlorobiphenyl	8.886	8.811	9.011	41.610	50.000	-16.8
Tetrachloro-m-xylene	3.830	3.740	3.940	51.860	50.000	3.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 14:58
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.525	3.830	75244281	46291391	52.564m	51.865m
2)	SA Decachlor...	10.251	8.886	52329822	46541434	47.882	41.611
	Target Compounds						
3)	L1 AR-1016-1	5.677	4.919	24196599	14601651	522.233m	447.697m
4)	L1 AR-1016-2	5.701	4.939	31210044	22963866	459.802	510.780m
5)	L1 AR-1016-3	5.763	5.116	18629990	12271292	437.359	493.140
6)	L1 AR-1016-4	5.861	5.157	15841393	9750420	452.605	482.783
7)	L1 AR-1016-5	6.152	5.373	15257848	12811191	461.540m	477.604
31)	L7 AR-1260-1	7.272	6.410	25511138	21758196	436.563	451.139
32)	L7 AR-1260-2	7.526	6.598	33827854	28818443	434.733	470.093
33)	L7 AR-1260-3	7.884	6.752	27955984	25618485	447.158	425.864m
34)	L7 AR-1260-4	8.108	7.225	27228376	21375365	412.696	460.005
35)	L7 AR-1260-5	8.429	7.465	59662389	52015623	455.696	467.998

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 14:58
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

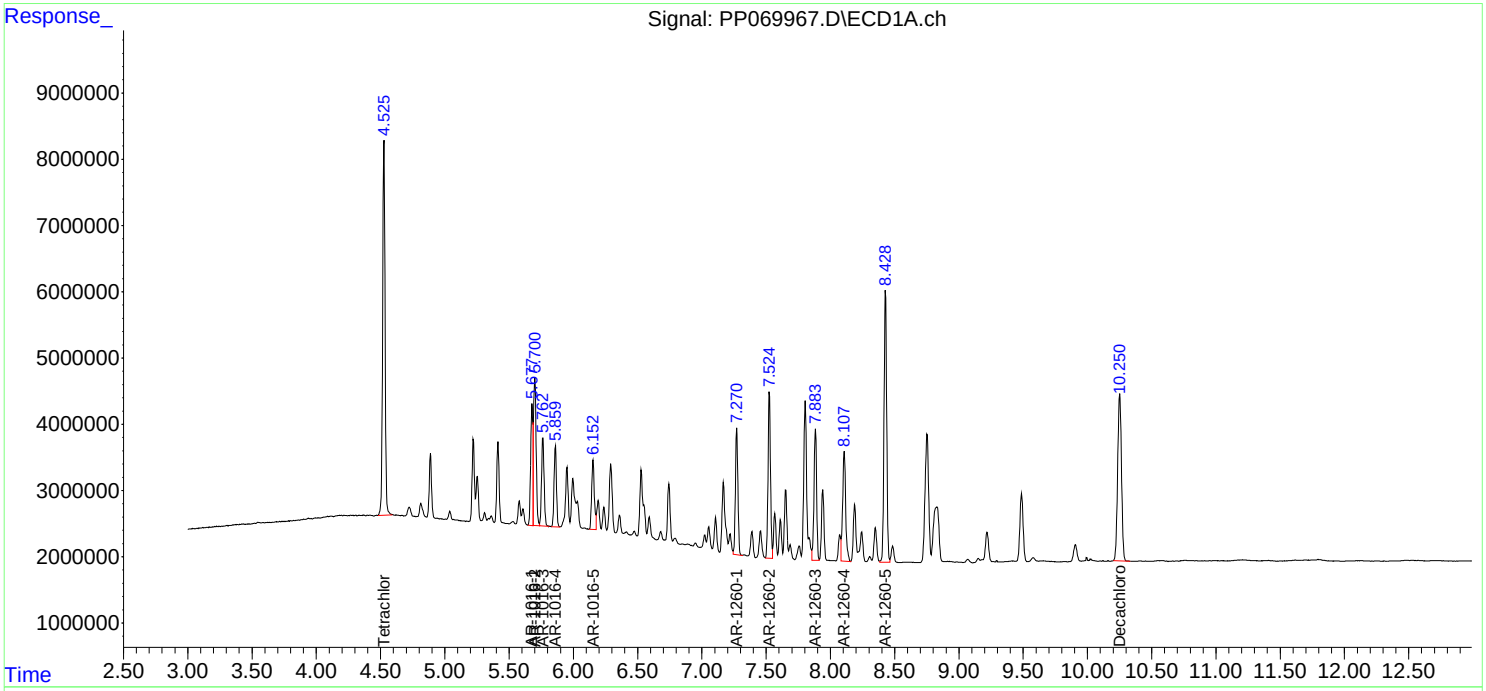
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

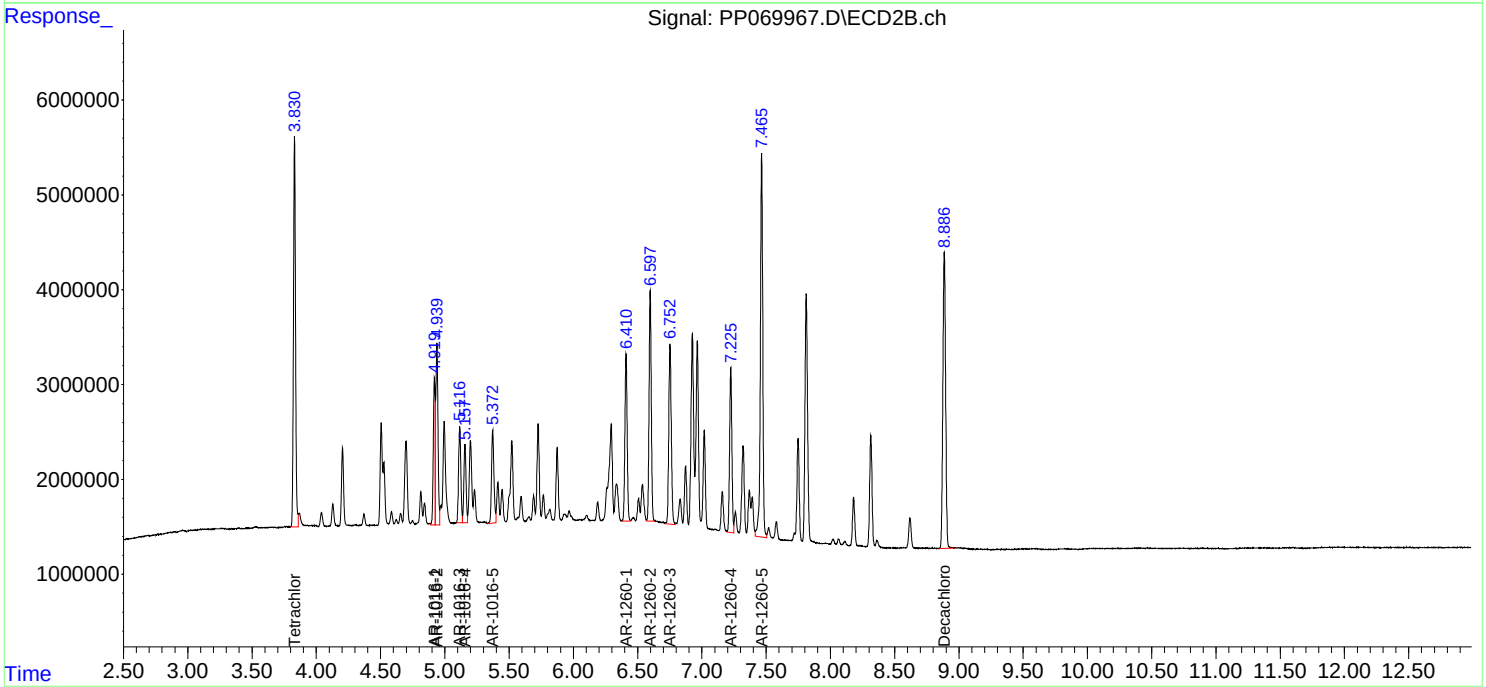
Manual Integrations APPROVED

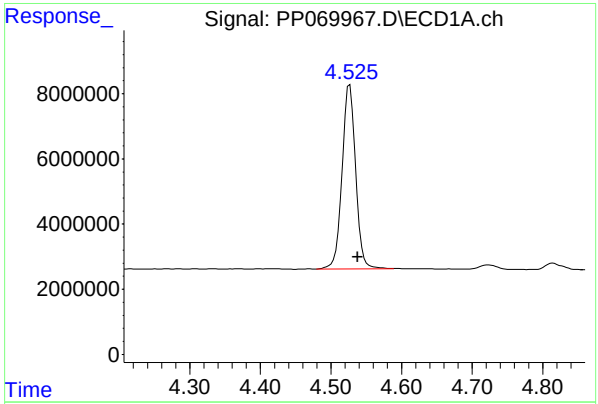
Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







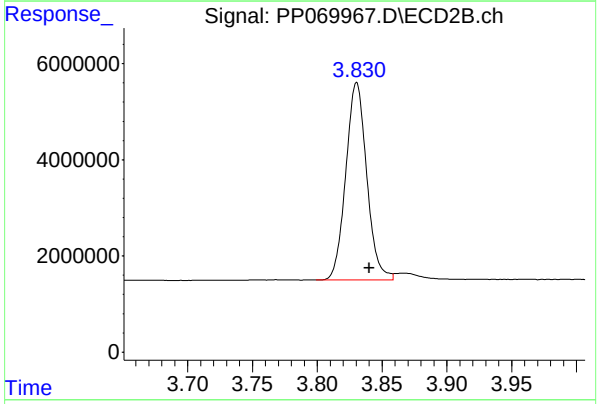
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 75244281
Conc: 52.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

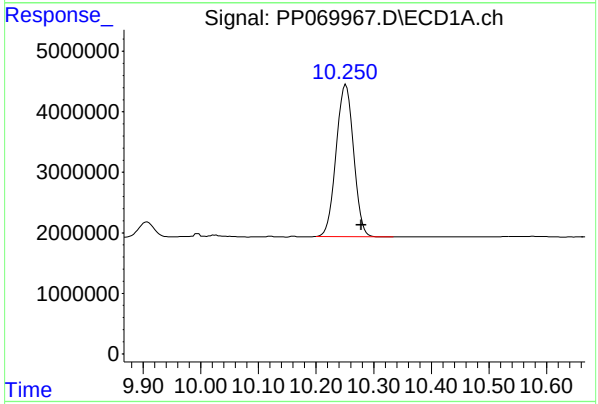
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



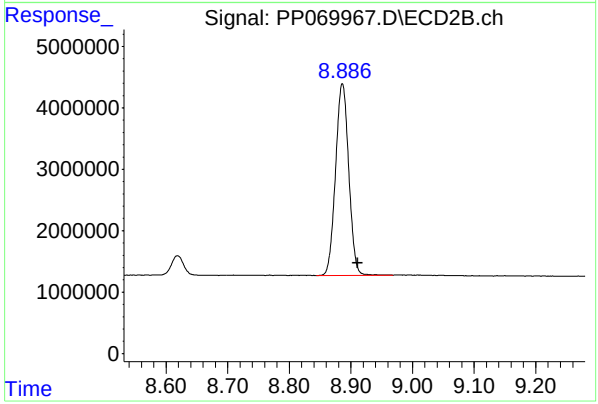
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 46291391
Conc: 51.86 ng/ml m



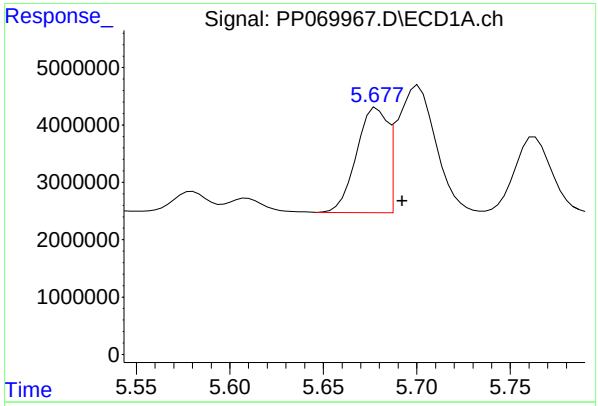
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.027 min
Response: 52329822
Conc: 47.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.886 min
Delta R.T.: -0.025 min
Response: 46541434
Conc: 41.61 ng/ml



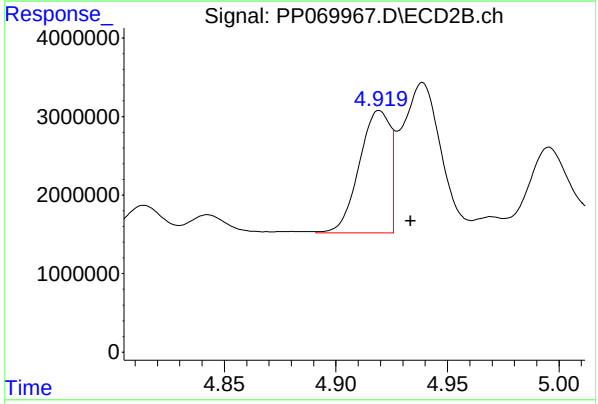
#3 AR-1016-1

R.T.: 5.677 min
Delta R.T.: -0.015 min
Response: 24196599
Conc: 522.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

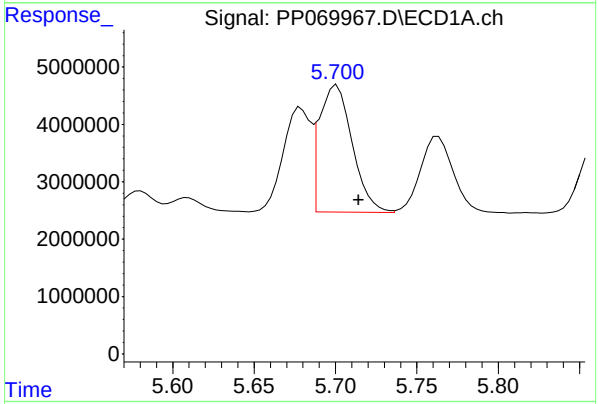
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



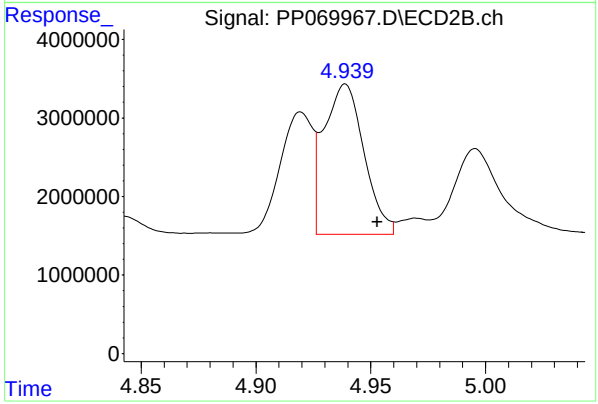
#3 AR-1016-1

R.T.: 4.919 min
Delta R.T.: -0.015 min
Response: 14601651
Conc: 447.70 ng/ml m



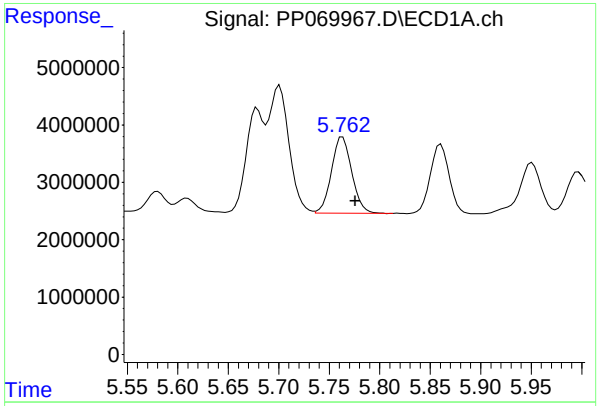
#4 AR-1016-2

R.T.: 5.701 min
Delta R.T.: -0.013 min
Response: 31210044
Conc: 459.80 ng/ml



#4 AR-1016-2

R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 22963866
Conc: 510.78 ng/ml m



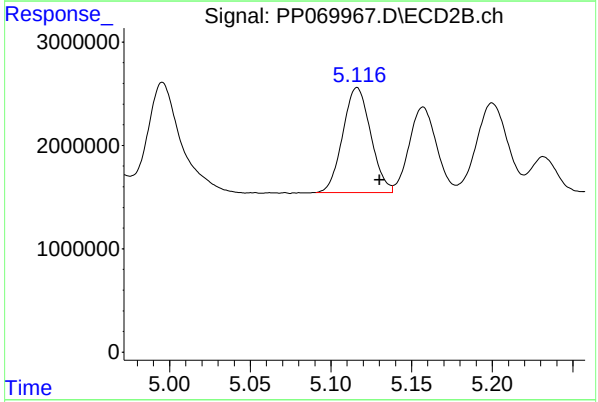
#5 AR-1016-3

R.T.: 5.763 min
Delta R.T.: -0.013 min
Response: 18629990
Conc: 437.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

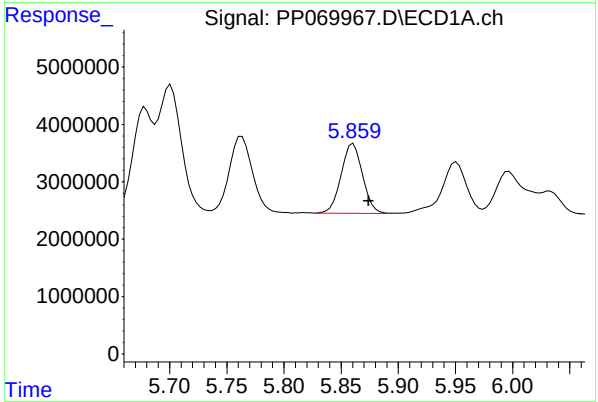
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



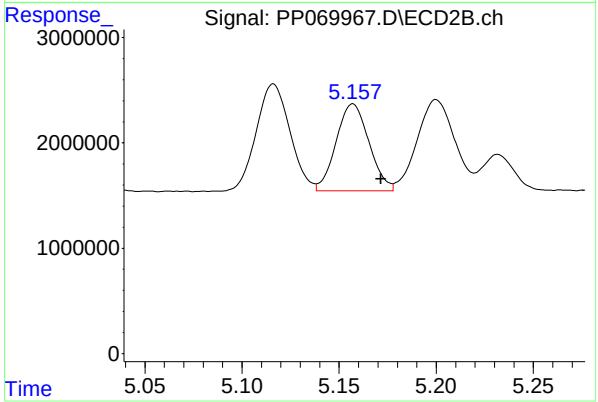
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 12271292
Conc: 493.14 ng/ml



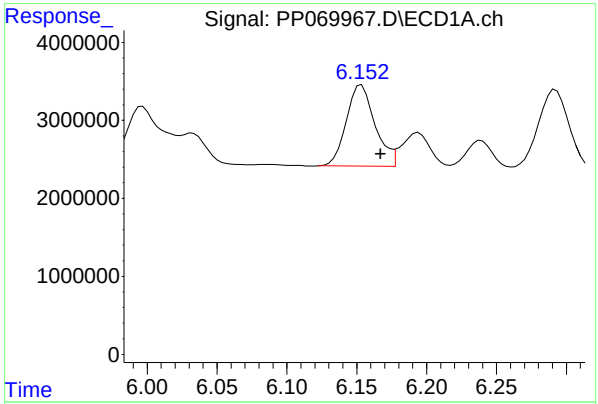
#6 AR-1016-4

R.T.: 5.861 min
Delta R.T.: -0.013 min
Response: 15841393
Conc: 452.61 ng/ml



#6 AR-1016-4

R.T.: 5.157 min
Delta R.T.: -0.014 min
Response: 9750420
Conc: 482.78 ng/ml



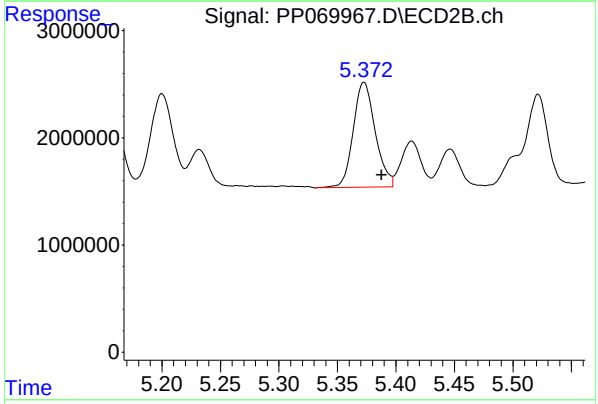
#7 AR-1016-5

R.T.: 6.152 min
Delta R.T.: -0.015 min
Response: 15257848
Conc: 461.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

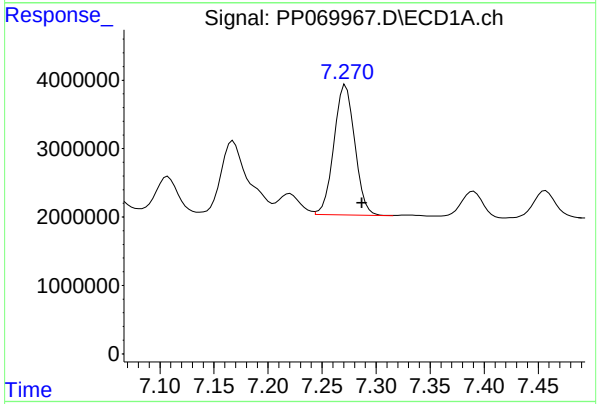
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



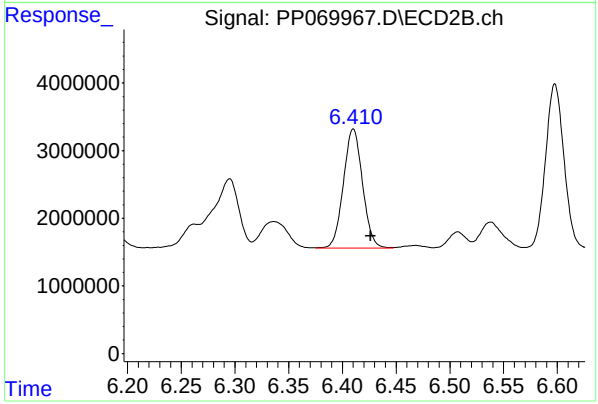
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 12811191
Conc: 477.60 ng/ml



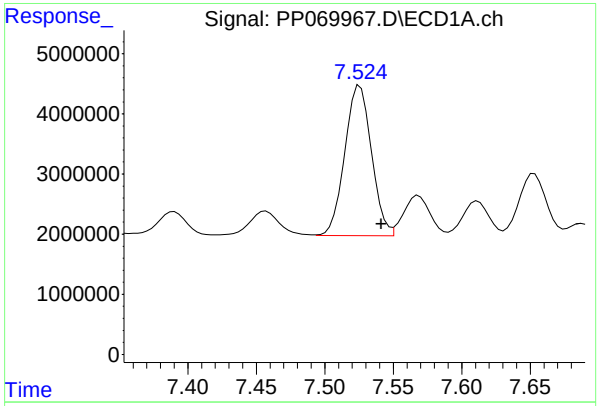
#31 AR-1260-1

R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 25511138
Conc: 436.56 ng/ml



#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.016 min
Response: 21758196
Conc: 451.14 ng/ml



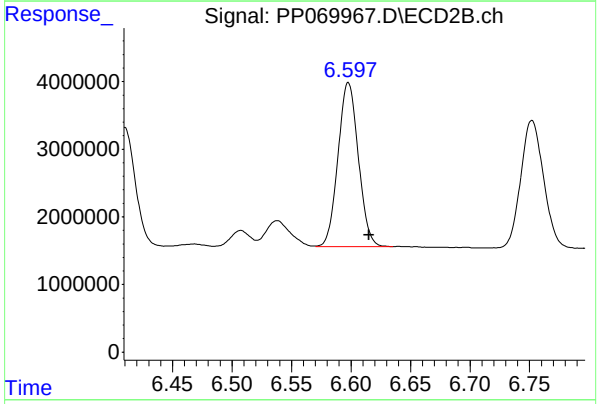
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.015 mi
Response: 33827854
Conc: 434.73 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

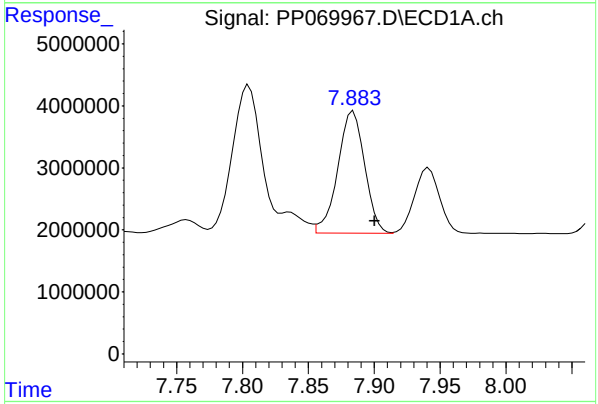
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



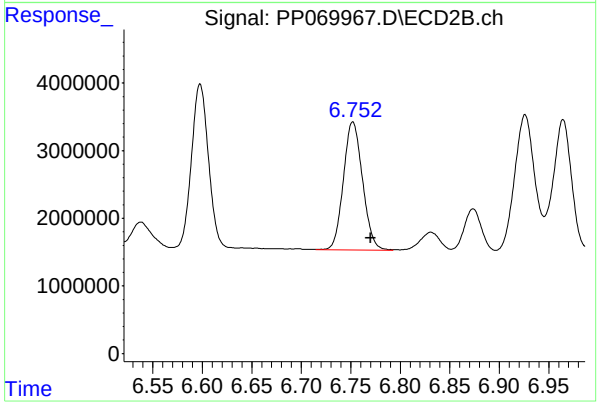
#32 AR-1260-2

R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 28818443
Conc: 470.09 ng/ml



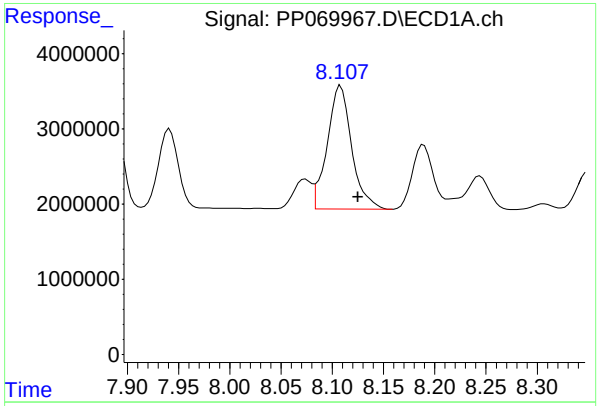
#33 AR-1260-3

R.T.: 7.884 min
Delta R.T.: -0.016 min
Response: 27955984
Conc: 447.16 ng/ml



#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 25618485
Conc: 425.86 ng/ml m



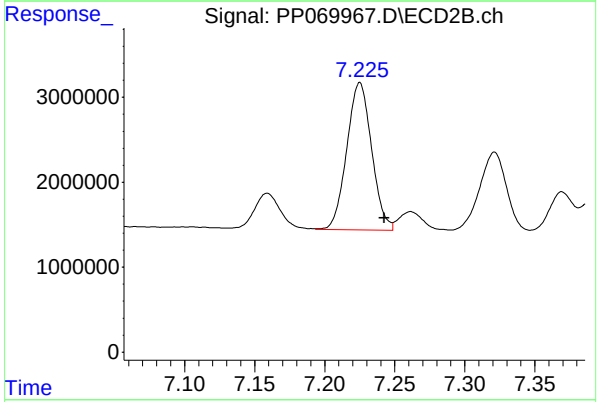
#34 AR-1260-4

R.T.: 8.108 min
Delta R.T.: -0.017 min
Response: 27228376
Conc: 412.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

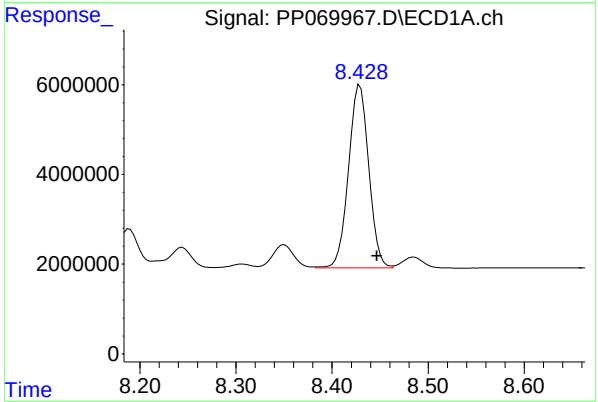
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



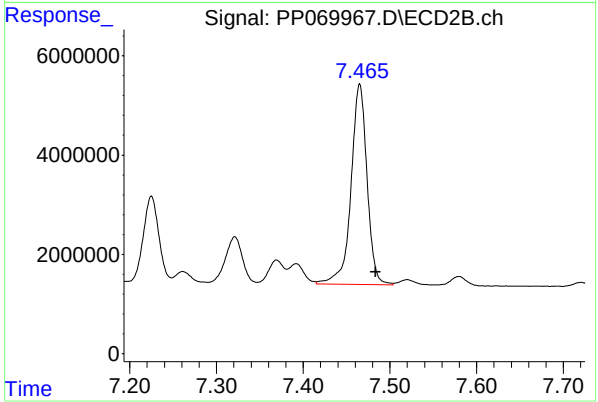
#34 AR-1260-4

R.T.: 7.225 min
Delta R.T.: -0.017 min
Response: 21375365
Conc: 460.00 ng/ml



#35 AR-1260-5

R.T.: 8.429 min
Delta R.T.: -0.018 min
Response: 59662389
Conc: 455.70 ng/ml



#35 AR-1260-5

R.T.: 7.465 min
Delta R.T.: -0.018 min
Response: 52015623
Conc: 468.00 ng/ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/21/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 15:47 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR1 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	6.52	6.54	6.44	6.64	0.02
Aroclor-1254-2	(2)	6.74	6.76	6.66	6.86	0.02
Aroclor-1254-3	(3)	7.10	7.12	7.02	7.22	0.02
Aroclor-1254-4	(4)	7.39	7.40	7.30	7.50	0.01
Aroclor-1254-5	(5)	7.80	7.82	7.72	7.92	0.02
Tetrachloro-m-xylene		4.52	4.53	4.43	4.63	0.01
Decachlorobiphenyl		10.25	10.28	10.18	10.38	0.03

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

Continuing Calib Date: 02/21/2025 **Initial Calibration Date(s):** 01/28/2025 01/28/2025

Continuing Calib Time: 15:47 **Initial Calibration Time(s):** 09:37 17:30

GC Column: ZB-MR2 **ID:** 0.32 **(mm)**

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1254-1	(1)	5.73	5.74	5.64	5.84	0.02
Aroclor-1254-2	(2)	5.87	5.89	5.79	5.99	0.02
Aroclor-1254-3	(3)	6.28	6.30	6.20	6.40	0.02
Aroclor-1254-4	(4)	6.51	6.52	6.42	6.62	0.01
Aroclor-1254-5	(5)	6.93	6.94	6.84	7.04	0.01
Tetrachloro-m-xylene		3.83	3.84	3.74	3.94	0.01
Decachlorobiphenyl		8.89	8.91	8.81	9.01	0.02

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL13 **Date Analyzed:** 02/21/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069970.D **Time Analyzed:** 15:47

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	6.524	6.439	6.639	460.970	500.000	-7.8
Aroclor-1254-2	6.742	6.656	6.856	502.620	500.000	0.5
Aroclor-1254-3	7.104	7.019	7.219	520.810	500.000	4.2
Aroclor-1254-4	7.386	7.301	7.501	468.850	500.000	-6.2
Aroclor-1254-5	7.802	7.719	7.919	455.850	500.000	-8.8
Decachlorobiphenyl	10.248	10.175	10.375	48.990	50.000	-2.0
Tetrachloro-m-xylene	4.523	4.434	4.634	52.920	50.000	5.8

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CALIBRATION VERIFICATION SUMMARY

Contract: NOBI03

Lab Code: CHEM **Case No.:** Q1383 **SAS No.:** Q1383 **SDG NO.:** Q1383

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 01/28/2025 01/28/2025

Client Sample No.: CCAL13 **Date Analyzed:** 02/21/2025

Lab Sample No.: AR1254CCC500 **Data File :** PP069970.D **Time Analyzed:** 15:47

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1254-1	5.725	5.642	5.842	463.930	500.000	-7.2
Aroclor-1254-2	5.873	5.790	5.990	461.930	500.000	-7.6
Aroclor-1254-3	6.278	6.195	6.395	462.690	500.000	-7.5
Aroclor-1254-4	6.506	6.423	6.623	467.520	500.000	-6.5
Aroclor-1254-5	6.926	6.844	7.044	469.980	500.000	-6.0
Decachlorobiphenyl	8.886	8.809	9.009	43.890	50.000	-12.2
Tetrachloro-m-xylene	3.829	3.740	3.940	52.070	50.000	4.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069970.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 15:47
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:19:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.829	75756695	46476399	52.922	52.072m
2)	SA Decachlor...	10.248	8.886	53545197	49085586	48.994	43.886
	Target Compounds						
26)	L6 AR-1254-1	6.524	5.725	26673165	25542287	460.965m	463.935
27)	L6 AR-1254-2	6.742	5.873	40331397	22342952	502.623	461.929
28)	L6 AR-1254-3	7.104	6.278	43898542	35116298	520.813	462.689
29)	L6 AR-1254-4	7.386	6.506	31969715	23960141	468.848	467.517m
30)	L6 AR-1254-5	7.802	6.926	31018720	31282156	455.848m	469.981

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069970.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 15:47
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

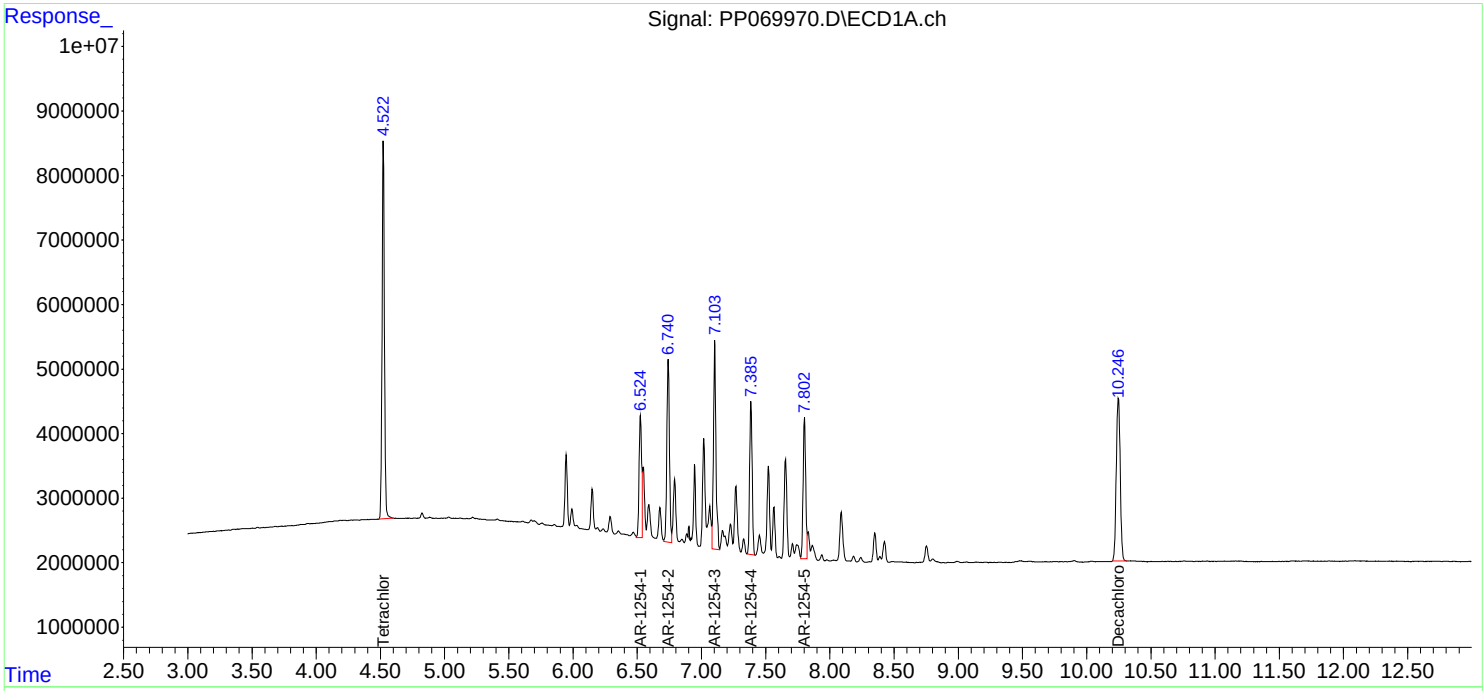
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

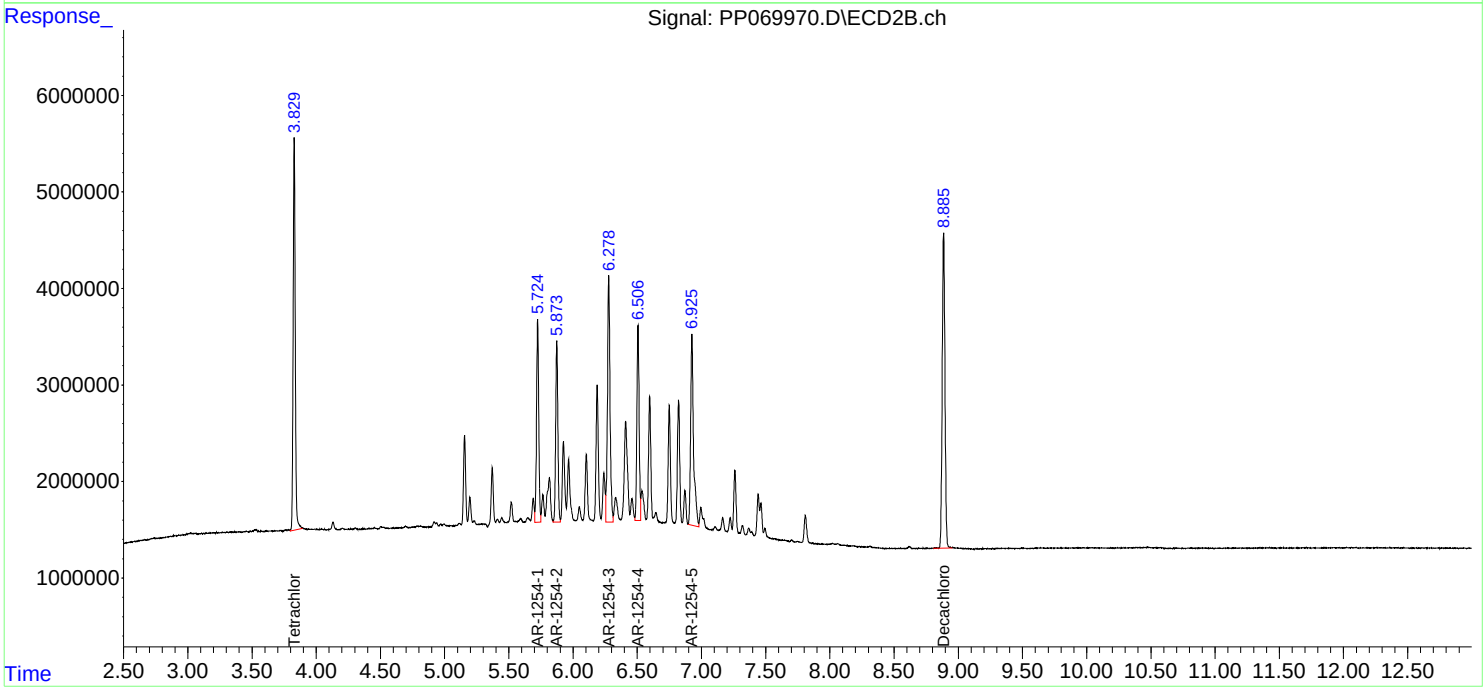
Manual Integrations APPROVED

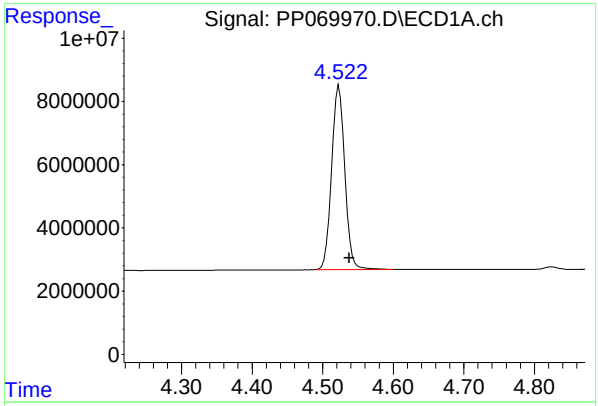
Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:19:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







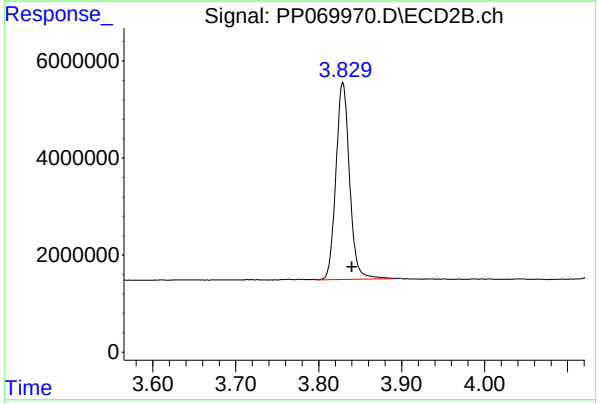
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 75756695
Conc: 52.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

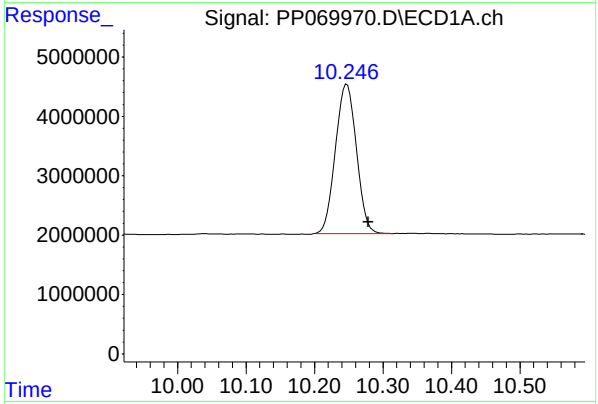
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



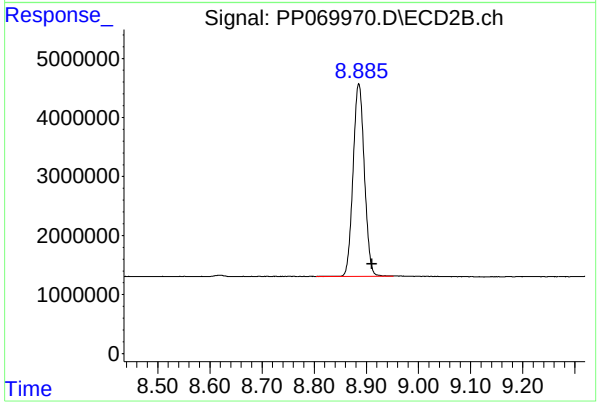
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 46476399
Conc: 52.07 ng/ml m



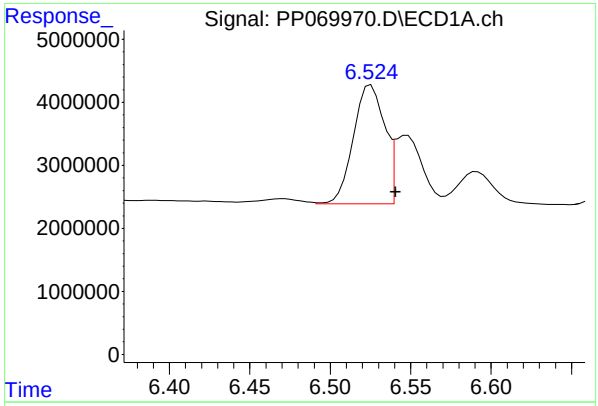
#2 Decachlorobiphenyl

R.T.: 10.248 min
Delta R.T.: -0.031 min
Response: 53545197
Conc: 48.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.886 min
Delta R.T.: -0.026 min
Response: 49085586
Conc: 43.89 ng/ml



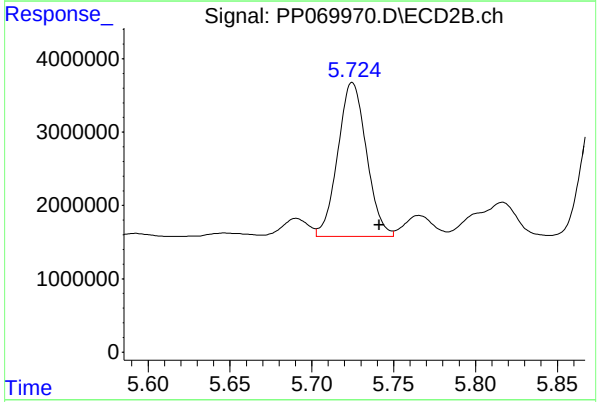
#26 AR-1254-1

R.T.: 6.524 min
Delta R.T.: -0.017 min
Response: 26673165
Conc: 460.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

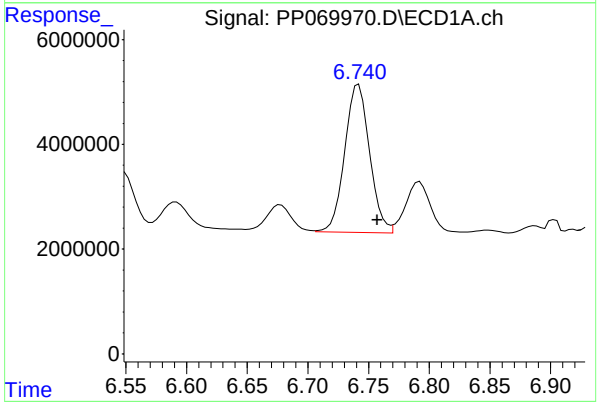
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



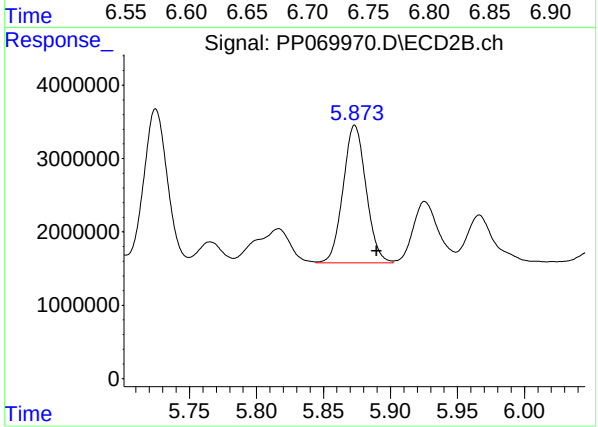
#26 AR-1254-1

R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 25542287
Conc: 463.93 ng/ml



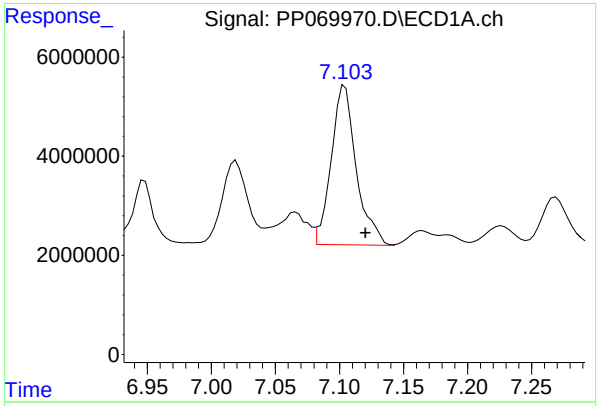
#27 AR-1254-2

R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 40331397
Conc: 502.62 ng/ml



#27 AR-1254-2

R.T.: 5.873 min
Delta R.T.: -0.016 min
Response: 22342952
Conc: 461.93 ng/ml



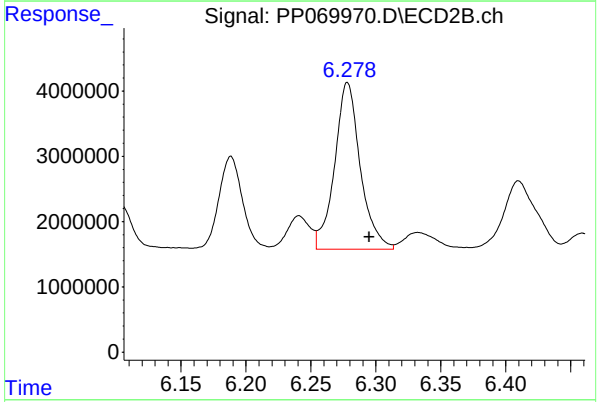
#28 AR-1254-3

R.T.: 7.104 min
Delta R.T.: -0.016 min
Response: 43898542
Conc: 520.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

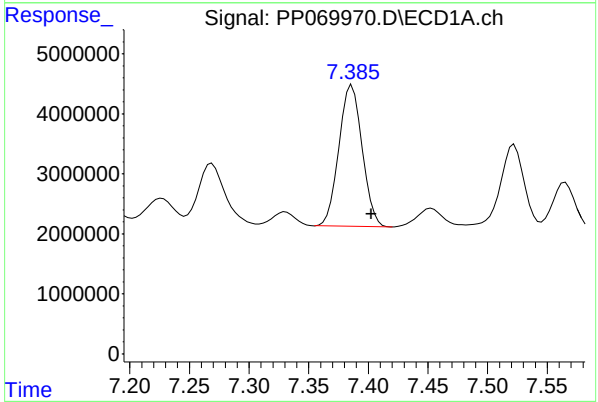
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



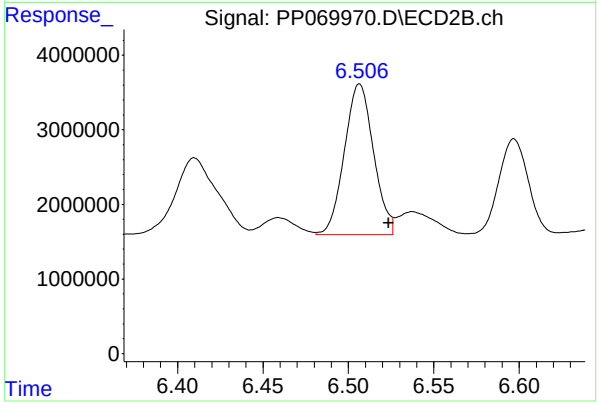
#28 AR-1254-3

R.T.: 6.278 min
Delta R.T.: -0.017 min
Response: 35116298
Conc: 462.69 ng/ml



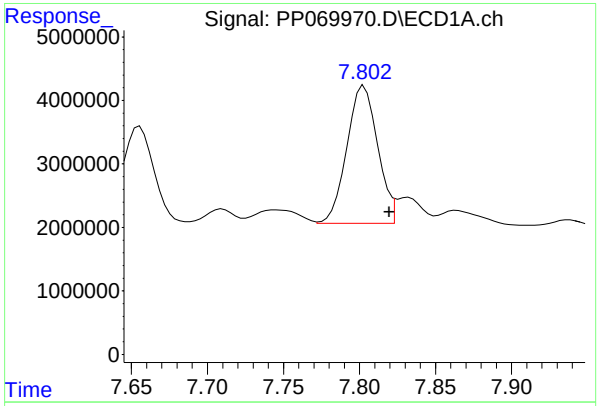
#29 AR-1254-4

R.T.: 7.386 min
Delta R.T.: -0.016 min
Response: 31969715
Conc: 468.85 ng/ml



#29 AR-1254-4

R.T.: 6.506 min
Delta R.T.: -0.017 min
Response: 23960141
Conc: 467.52 ng/ml m



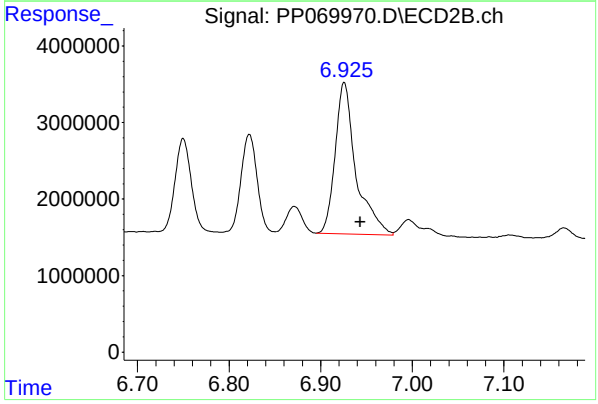
#30 AR-1254-5

R.T.: 7.802 min
Delta R.T.: -0.018 min
Response: 31018720
Conc: 455.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



#30 AR-1254-5

R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 31282156
Conc: 469.98 ng/ml

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Analytical Sequence

Client: Nobis Group **SDG No.:** Q1383

Project: Raymark Superfund Site **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 01/28/2025 01/28/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	01/28/2025	09:21	PP069264.D	10.28	4.54
AR1660ICC1000	AR1660ICC1000	01/28/2025	09:37	PP069265.D	10.28	4.54
AR1660ICC750	AR1660ICC750	01/28/2025	09:54	PP069266.D	10.28	4.54
AR1660ICC500	AR1660ICC500	01/28/2025	10:10	PP069267.D	10.28	4.54
AR1660ICC250	AR1660ICC250	01/28/2025	10:26	PP069268.D	10.28	4.53
AR1660ICC050	AR1660ICC050	01/28/2025	11:15	PP069269.D	10.28	4.54
AR1221ICC500	AR1221ICC500	01/28/2025	11:32	PP069270.D	10.28	4.54
AR1232ICC500	AR1232ICC500	01/28/2025	11:48	PP069271.D	10.28	4.53
AR1242ICC1000	AR1242ICC1000	01/28/2025	12:04	PP069272.D	10.28	4.54
AR1242ICC750	AR1242ICC750	01/28/2025	12:21	PP069273.D	10.28	4.54
AR1242ICC500	AR1242ICC500	01/28/2025	12:37	PP069274.D	10.28	4.54
AR1242ICC250	AR1242ICC250	01/28/2025	12:53	PP069275.D	10.28	4.54
AR1242ICC050	AR1242ICC050	01/28/2025	13:09	PP069276.D	10.28	4.54
AR1248ICC1000	AR1248ICC1000	01/28/2025	13:26	PP069277.D	10.28	4.54
AR1248ICC750	AR1248ICC750	01/28/2025	13:42	PP069278.D	10.28	4.54
AR1248ICC500	AR1248ICC500	01/28/2025	13:58	PP069279.D	10.28	4.54
AR1248ICC250	AR1248ICC250	01/28/2025	14:15	PP069280.D	10.28	4.54
AR1248ICC050	AR1248ICC050	01/28/2025	14:31	PP069281.D	10.28	4.54
AR1254ICC1000	AR1254ICC1000	01/28/2025	14:47	PP069282.D	10.28	4.54
AR1254ICC750	AR1254ICC750	01/28/2025	15:04	PP069283.D	10.28	4.54
AR1254ICC500	AR1254ICC500	01/28/2025	15:20	PP069284.D	10.28	4.53
AR1254ICC250	AR1254ICC250	01/28/2025	15:36	PP069285.D	10.28	4.54
AR1254ICC050	AR1254ICC050	01/28/2025	15:53	PP069286.D	10.28	4.54
AR1262ICC500	AR1262ICC500	01/28/2025	16:09	PP069287.D	10.28	4.54
AR1268ICC1000	AR1268ICC1000	01/28/2025	16:25	PP069288.D	10.28	4.54
AR1268ICC750	AR1268ICC750	01/28/2025	16:42	PP069289.D	10.28	4.54
AR1268ICC500	AR1268ICC500	01/28/2025	16:58	PP069290.D	10.28	4.54
AR1268ICC250	AR1268ICC250	01/28/2025	17:14	PP069291.D	10.29	4.55
AR1268ICC050	AR1268ICC050	01/28/2025	17:30	PP069292.D	10.28	4.54
AR1660CCC500	AR1660CCC500	02/19/2025	20:18	PP069857.D	10.25	4.53
AR1254CCC500	AR1254CCC500	02/19/2025	21:23	PP069860.D	10.25	4.52
I.BLK	I.BLK	02/19/2025	21:39	PP069861.D	10.25	4.53
PB166774BL	PB166774BL	02/19/2025	21:55	PP069862.D	10.25	4.52
PB166774BS	PB166774BS	02/19/2025	22:11	PP069863.D	10.25	4.52
OU4-PCS-TC-11-021725	Q1383-01	02/19/2025	22:44	PP069865.D	10.25	4.53
OU4-PCS-TC-11-021725MS	Q1383-01MS	02/19/2025	23:00	PP069866.D	10.25	4.52
OU4-PCS-TC-11-021725MSD	Q1383-01MSD	02/19/2025	23:16	PP069867.D	10.25	4.53
OU4-PCS-TC-15-021725	Q1383-09	02/20/2025	00:21	PP069871.D	10.25	4.52
AR1660CCC500	AR1660CCC500	02/20/2025	01:26	PP069872.D	10.25	4.53
AR1254CCC500	AR1254CCC500	02/20/2025	02:31	PP069875.D	10.25	4.53
I.BLK	I.BLK	02/20/2025	02:47	PP069876.D	10.26	4.53
OU4-PCS-TC-17-021725	Q1383-13	02/20/2025	03:20	PP069878.D	10.25	4.53

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Fax : 908 789 8922

Analytical Sequence

OU4-PCS-TC-18-021725	Q1383-15	02/20/2025	03:36	PP069879.D	10.25	4.52
OU4-PCS-TC-19-021725	Q1383-17	02/20/2025	03:52	PP069880.D	10.26	4.53
OU4-PCS-TC-20-021725	Q1383-19	02/20/2025	04:08	PP069881.D	10.25	4.52
OU4-CF-15-021725	Q1383-21	02/20/2025	04:24	PP069882.D	10.26	4.53
AR1660CCC500	AR1660CCC500	02/20/2025	06:02	PP069885.D	10.25	4.52
I.BLK	I.BLK	02/20/2025	07:23	PP069889.D	10.25	4.52
AR1660CCC500	AR1660CCC500	02/20/2025	21:28	PP069932.D	10.25	4.53
AR1254CCC500	AR1254CCC500	02/20/2025	22:17	PP069935.D	10.25	4.52
I.BLK	I.BLK	02/20/2025	22:33	PP069936.D	10.25	4.53
OU4-PCS-TC-15-021725RE	Q1383-09RE	02/20/2025	23:54	PP069941.D	10.25	4.52
OU4-PCS-TC-17-021725RE	Q1383-13RE	02/21/2025	00:10	PP069942.D	10.25	4.53
OU4-PCS-TC-19-021725RE	Q1383-17RE	02/21/2025	00:27	PP069943.D	10.25	4.52
OU4-CF-15-021725RE	Q1383-21RE	02/21/2025	00:43	PP069944.D	10.25	4.53
OU4-PCS-TC-16-021725	Q1383-11	02/21/2025	01:15	PP069946.D	10.25	4.52
AR1660CCC500	AR1660CCC500	02/21/2025	01:53	PP069947.D	10.25	4.52
AR1254CCC500	AR1254CCC500	02/21/2025	02:42	PP069950.D	10.25	4.52
I.BLK	I.BLK	02/21/2025	02:58	PP069951.D	10.25	4.53
AR1660CCC500	AR1660CCC500	02/21/2025	09:16	PP069953.D	10.26	4.53
AR1254CCC500	AR1254CCC500	02/21/2025	10:04	PP069956.D	10.25	4.52
I.BLK	I.BLK	02/21/2025	11:42	PP069957.D	10.25	4.53
OU4-PCS-TC-12-021725	Q1383-03	02/21/2025	11:58	PP069958.D	10.25	4.52
OU4-PCS-TC-13-021725	Q1383-05	02/21/2025	12:14	PP069959.D	10.25	4.53
OU4-PCS-TC-14-021725	Q1383-07	02/21/2025	12:31	PP069960.D	10.25	4.52
AR1660CCC500	AR1660CCC500	02/21/2025	14:58	PP069967.D	10.25	4.53
AR1254CCC500	AR1254CCC500	02/21/2025	15:47	PP069970.D	10.25	4.52
I.BLK	I.BLK	02/21/2025	16:03	PP069971.D	10.25	4.53

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Fax : 908 789 8922

Analytical Sequence

Client: Nobis Group **SDG No.:** Q1383

Project: Raymark Superfund Site **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 01/28/2025 01/28/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	01/28/2025	09:21	PP069264.D	8.91	3.84
AR1660ICC1000	AR1660ICC1000	01/28/2025	09:37	PP069265.D	8.91	3.84
AR1660ICC750	AR1660ICC750	01/28/2025	09:54	PP069266.D	8.91	3.84
AR1660ICC500	AR1660ICC500	01/28/2025	10:10	PP069267.D	8.91	3.84
AR1660ICC250	AR1660ICC250	01/28/2025	10:26	PP069268.D	8.91	3.84
AR1660ICC050	AR1660ICC050	01/28/2025	11:15	PP069269.D	8.91	3.84
AR1221ICC500	AR1221ICC500	01/28/2025	11:32	PP069270.D	8.91	3.84
AR1232ICC500	AR1232ICC500	01/28/2025	11:48	PP069271.D	8.91	3.84
AR1242ICC1000	AR1242ICC1000	01/28/2025	12:04	PP069272.D	8.91	3.84
AR1242ICC750	AR1242ICC750	01/28/2025	12:21	PP069273.D	8.91	3.84
AR1242ICC500	AR1242ICC500	01/28/2025	12:37	PP069274.D	8.91	3.84
AR1242ICC250	AR1242ICC250	01/28/2025	12:53	PP069275.D	8.91	3.84
AR1242ICC050	AR1242ICC050	01/28/2025	13:09	PP069276.D	8.91	3.84
AR1248ICC1000	AR1248ICC1000	01/28/2025	13:26	PP069277.D	8.91	3.84
AR1248ICC750	AR1248ICC750	01/28/2025	13:42	PP069278.D	8.91	3.84
AR1248ICC500	AR1248ICC500	01/28/2025	13:58	PP069279.D	8.91	3.84
AR1248ICC250	AR1248ICC250	01/28/2025	14:15	PP069280.D	8.91	3.84
AR1248ICC050	AR1248ICC050	01/28/2025	14:31	PP069281.D	8.91	3.84
AR1254ICC1000	AR1254ICC1000	01/28/2025	14:47	PP069282.D	8.91	3.84
AR1254ICC750	AR1254ICC750	01/28/2025	15:04	PP069283.D	8.91	3.84
AR1254ICC500	AR1254ICC500	01/28/2025	15:20	PP069284.D	8.91	3.84
AR1254ICC250	AR1254ICC250	01/28/2025	15:36	PP069285.D	8.91	3.84
AR1254ICC050	AR1254ICC050	01/28/2025	15:53	PP069286.D	8.91	3.84
AR1262ICC500	AR1262ICC500	01/28/2025	16:09	PP069287.D	8.91	3.84
AR1268ICC1000	AR1268ICC1000	01/28/2025	16:25	PP069288.D	8.91	3.84
AR1268ICC750	AR1268ICC750	01/28/2025	16:42	PP069289.D	8.91	3.84
AR1268ICC500	AR1268ICC500	01/28/2025	16:58	PP069290.D	8.91	3.84
AR1268ICC250	AR1268ICC250	01/28/2025	17:14	PP069291.D	8.91	3.84
AR1268ICC050	AR1268ICC050	01/28/2025	17:30	PP069292.D	8.91	3.84
AR1660CCC500	AR1660CCC500	02/19/2025	20:18	PP069857.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/19/2025	21:23	PP069860.D	8.89	3.83
I.BLK	I.BLK	02/19/2025	21:39	PP069861.D	8.89	3.83
PB166774BL	PB166774BL	02/19/2025	21:55	PP069862.D	8.89	3.83
PB166774BS	PB166774BS	02/19/2025	22:11	PP069863.D	8.89	3.83
OU4-PCS-TC-11-021725	Q1383-01	02/19/2025	22:44	PP069865.D	8.89	3.83
OU4-PCS-TC-11-021725MS	Q1383-01MS	02/19/2025	23:00	PP069866.D	8.89	3.83
OU4-PCS-TC-11-021725MSD	Q1383-01MSD	02/19/2025	23:16	PP069867.D	8.89	3.83
OU4-PCS-TC-15-021725	Q1383-09	02/20/2025	00:21	PP069871.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/20/2025	01:26	PP069872.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/20/2025	02:31	PP069875.D	8.89	3.83
I.BLK	I.BLK	02/20/2025	02:47	PP069876.D	8.89	3.83
OU4-PCS-TC-17-021725	Q1383-13	02/20/2025	03:20	PP069878.D	8.89	3.83

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Analytical Sequence

OU4-PCS-TC-18-021725	Q1383-15	02/20/2025	03:36	PP069879.D	8.89	3.83
OU4-PCS-TC-19-021725	Q1383-17	02/20/2025	03:52	PP069880.D	8.89	3.83
OU4-PCS-TC-20-021725	Q1383-19	02/20/2025	04:08	PP069881.D	8.89	3.83
OU4-CF-15-021725	Q1383-21	02/20/2025	04:24	PP069882.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/20/2025	06:02	PP069885.D	8.89	3.83
I.BLK	I.BLK	02/20/2025	07:23	PP069889.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/20/2025	21:28	PP069932.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/20/2025	22:17	PP069935.D	8.89	3.83
I.BLK	I.BLK	02/20/2025	22:33	PP069936.D	8.89	3.83
OU4-PCS-TC-15-021725RE	Q1383-09RE	02/20/2025	23:54	PP069941.D	8.89	3.83
OU4-PCS-TC-17-021725RE	Q1383-13RE	02/21/2025	00:10	PP069942.D	8.89	3.83
OU4-PCS-TC-19-021725RE	Q1383-17RE	02/21/2025	00:27	PP069943.D	8.89	3.83
OU4-CF-15-021725RE	Q1383-21RE	02/21/2025	00:43	PP069944.D	8.89	3.83
OU4-PCS-TC-16-021725	Q1383-11	02/21/2025	01:15	PP069946.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/21/2025	01:53	PP069947.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/21/2025	02:42	PP069950.D	8.89	3.83
I.BLK	I.BLK	02/21/2025	02:58	PP069951.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/21/2025	09:16	PP069953.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/21/2025	10:04	PP069956.D	8.89	3.83
I.BLK	I.BLK	02/21/2025	11:42	PP069957.D	8.88	3.83
OU4-PCS-TC-12-021725	Q1383-03	02/21/2025	11:58	PP069958.D	8.89	3.83
OU4-PCS-TC-13-021725	Q1383-05	02/21/2025	12:14	PP069959.D	8.89	3.83
OU4-PCS-TC-14-021725	Q1383-07	02/21/2025	12:31	PP069960.D	8.89	3.83
AR1660CCC500	AR1660CCC500	02/21/2025	14:58	PP069967.D	8.89	3.83
AR1254CCC500	AR1254CCC500	02/21/2025	15:47	PP069970.D	8.89	3.83
I.BLK	I.BLK	02/21/2025	16:03	PP069971.D	8.89	3.83

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
PB166774BS

Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383

Lab Sample ID: PB166774BS Date(s) Analyzed: 02/19/2025 02/19/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP069863.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.675	5.625	5.725	150		
	2	5.698	5.648	5.748	165		
	3	5.761	5.711	5.811	157		
COLUMN 1	4	5.858	5.808	5.908	161		
	5	6.151	6.101	6.201	128	152	
	1	4.92	4.87	4.97	155		
	2	4.939	4.889	4.989	151		
	3	5.117	5.067	5.167	155		
	4	5.158	5.108	5.208	151		
COLUMN 2	5	5.374	5.324	5.424	146	151	0.66
Aroclor-1260	1	7.271	7.221	7.321	162		
	2	7.524	7.474	7.574	156		
	3	7.883	7.833	7.933	134		
COLUMN 1	4	8.107	8.057	8.157	138		
	5	8.427	8.377	8.477	139	146	
	1	6.412	6.362	6.462	166		
	2	6.599	6.549	6.649	166		
	3	6.753	6.703	6.803	147		
	4	7.226	7.176	7.276	139		
COLUMN 2	5	7.466	7.416	7.516	143	152	4.03

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OU4-PCS-TC-11-021725

Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383

Lab Sample ID: Q1383-01 Date(s) Analyzed: 02/19/2025 02/19/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP069865.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.529	6.479	6.579	9.66		
	2	6.745	6.695	6.795	11.7		
	3	7.108	7.058	7.158	11.2		
COLUMN 1	4	7.391	7.341	7.441	10.7		
	5	7.806	7.756	7.856	7.98	10.2	
	1	5.727	5.677	5.777	10.3		
	2	5.875	5.825	5.925	10.4		
	3	6.278	6.228	6.328	10.7		
	4	6.508	6.458	6.558	14.2		
COLUMN 2	5	6.928	6.878	6.978	7.77	10.7	4.78

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
OU4-PCS-TC-11-021725

Contract: NOBI03
Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383
Lab Sample ID: Q1383-01MS Date(s) Analyzed: 02/19/2025 02/19/2025
Instrument ID (1): ECD_P Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PP069866.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.674	5.624	5.724	222		
	2	5.697	5.647	5.747	190		
	3	5.76	5.71	5.81	183		
COLUMN 1	4	5.857	5.807	5.907	191		
	5	6.149	6.099	6.199	171	191	
	1	4.919	4.869	4.969	166		
	2	4.939	4.889	4.989	173		
	3	5.117	5.067	5.167	180		
	4	5.158	5.108	5.208	176		
COLUMN 2	5	5.373	5.323	5.423	169	173	9.89
Aroclor-1254	1	6.524	6.474	6.574	85.4		
	2	6.741	6.691	6.791	64.2		
	3	7.104	7.054	7.154	30.6		
COLUMN 1	4	7.387	7.337	7.437	27.6		
	5	7.801	7.751	7.851	224	86.4	
	1	5.727	5.677	5.777	69.1		
	2	5.875	5.825	5.925	81.2		
	3	6.296	6.246	6.346	75.0		
	4	6.539	6.489	6.589	50.0		
COLUMN 2	5	6.927	6.877	6.977	182	91.5	5.73

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.269	7.219	7.319	177		
	2	7.523	7.473	7.573	176		
	3	7.881	7.831	7.931	148		
COLUMN 1	4	8.104	8.054	8.154	156		
	5	8.426	8.376	8.476	155	162	
	1	6.411	6.361	6.461	195		
	2	6.599	6.549	6.649	192		
	3	6.753	6.703	6.803	169		
	4	7.225	7.175	7.275	162		
COLUMN 2	5	7.466	7.416	7.516	168	177	8.85

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
OU4-PCS-TC-11-021725

Contract: NOBI03
Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383
Lab Sample ID: Q1383-01MSD Date(s) Analyzed: 02/19/2025 02/19/2025
Instrument ID (1): ECD_P Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PP069867.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.677	5.627	5.727	189		
	2	5.7	5.65	5.75	179		
	3	5.763	5.713	5.813	171		
COLUMN 1	4	5.86	5.81	5.91	179		
	5	6.153	6.103	6.203	158	175	
	1	4.92	4.87	4.97	152		
	2	4.939	4.889	4.989	165		
	3	5.117	5.067	5.167	168		
	4	5.158	5.108	5.208	164		
COLUMN 2	5	5.374	5.324	5.424	158	161	8.33
Aroclor-1254	1	6.526	6.476	6.576	74.9		
	2	6.744	6.694	6.794	58.9		
	3	7.108	7.058	7.158	28.4		
COLUMN 1	4	7.392	7.342	7.442	26.4		
	5	7.806	7.756	7.856	211	79.9	
	1	5.727	5.677	5.777	63.9		
	2	5.875	5.825	5.925	73.9		
	3	6.296	6.246	6.346	84.8		
	4	6.508	6.458	6.558	17.3		
COLUMN 2	5	6.927	6.877	6.977	172	82.3	2.96

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.273	7.223	7.323	164		
	2	7.526	7.476	7.576	162		
	3	7.885	7.835	7.935	137		
COLUMN 1	4	8.108	8.058	8.158	153		
	5	8.43	8.38	8.48	144	152	
	1	6.411	6.361	6.461	177		
	2	6.599	6.549	6.649	176		
	3	6.753	6.703	6.803	159		
	4	7.226	7.176	7.276	150		
COLUMN 2	5	7.466	7.416	7.516	158	164	7.59

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
OU4-PCS-TC-15-021725

Contract: NOBI03
Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383
Lab Sample ID: Q1383-09 Date(s) Analyzed: 02/20/2025 02/20/2025
Instrument ID (1): ECD_P Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PP069871.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.525	6.475	6.575	12.4		
	2	6.743	6.693	6.793	22.1		
	3	7.105	7.055	7.155	19.5		
COLUMN 1	4	7.388	7.338	7.438	23.2		
	5	7.803	7.753	7.853	17.0	18.8	
	1	5.725	5.675	5.775	20.0		
	2	5.873	5.823	5.923	20.6		
	3	6.279	6.229	6.329	21.1		
	4	6.507	6.457	6.557	24.2		
COLUMN 2	5	6.926	6.876	6.976	16.3	20.4	8.16

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
OU4-PCS-TC-15-021725

Contract: NOBI03
Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383
Lab Sample ID: Q1383-09RE Date(s) Analyzed: 02/20/2025 02/20/2025
Instrument ID (1): ECD_P Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PP069941.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.527	6.477	6.577	13.7		
	2	6.741	6.691	6.791	21.0		
	3	7.102	7.052	7.152	27.6		
COLUMN 1	4	7.387	7.337	7.437	29.0		
	5	7.804	7.754	7.854	15.7	21.4	
	1	5.727	5.677	5.777	18.4		
	2	5.875	5.825	5.925	17.7		
	3	6.28	6.23	6.33	18.8		
	4	6.508	6.458	6.558	23.8		
COLUMN 2	5	6.929	6.879	6.979	19.5	19.6	8.78

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
OU4-PCS-TC-12-021725

Contract: NOBI03
Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383
Lab Sample ID: Q1383-03 Date(s) Analyzed: 02/21/2025 02/21/2025
Instrument ID (1): ECD_P Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PP069958.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.526	6.476	6.576	4.61		
	2	6.742	6.692	6.792	10.4		
	3	7.105	7.055	7.155	7.09		
COLUMN 1	4	7.388	7.338	7.438	6.80		
	5	7.805	7.755	7.855	4.79	6.70	
	1	5.726	5.676	5.776	5.92		
	2	5.873	5.823	5.923	6.52		
	3	6.278	6.228	6.328	7.57		
	4	6.507	6.457	6.557	7.04		
COLUMN 2	5	6.924	6.874	6.974	5.06	6.40	4.58

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OU4-PCS-TC-14-021725

Contract: NOBI03

Lab Code: CHEM Case No.: Q1383 SAS No.: Q1383 SDG NO.: Q1383

Lab Sample ID: Q1383-07 Date(s) Analyzed: 02/21/2025 02/21/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP069960.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.527	6.477	6.577	3.78		
	2	6.74	6.69	6.79	4.19		
	3	7.102	7.052	7.152	3.32		
COLUMN 1	4	7.384	7.334	7.434	4.42		
	5	7.802	7.752	7.852	2.92	3.70	
	1	5.725	5.675	5.775	3.06		
	2	5.875	5.825	5.925	4.20		
	3	6.278	6.228	6.328	4.74		
	4	6.506	6.456	6.556	4.79		
COLUMN 2	5	6.926	6.876	6.976	3.64	4.10	10.26

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:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	PB166774BL	SDG No.:	Q1383
Lab Sample ID:	PB166774BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069862.D	1	02/19/25 09:40	02/19/25 21:55	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.30	U	3.40	8.30	17.0	ug/kg
11104-28-2	Aroclor-1221	13.0	U	6.40	13.0	17.0	ug/kg
11141-16-5	Aroclor-1232	13.0	U	3.40	13.0	17.0	ug/kg
53469-21-9	Aroclor-1242	8.30	U	3.40	8.30	17.0	ug/kg
12672-29-6	Aroclor-1248	13.0	U	7.90	13.0	17.0	ug/kg
11097-69-1	Aroclor-1254	13.0	U	2.70	13.0	17.0	ug/kg
37324-23-5	Aroclor-1262	8.30	U	4.60	8.30	17.0	ug/kg
11100-14-4	Aroclor-1268	13.0	U	3.40	13.0	17.0	ug/kg
11096-82-5	Aroclor-1260	8.30	U	2.90	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.9		44 - 130		119%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.1		60 - 125		115%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:55
Operator : YP\AJ
Sample : PB166774BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166774BL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:28:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.830	34204298	20675261	23.894	23.165m
2)	SA Decachlor...	10.251	8.887	25239161	25535891	23.094	22.831
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

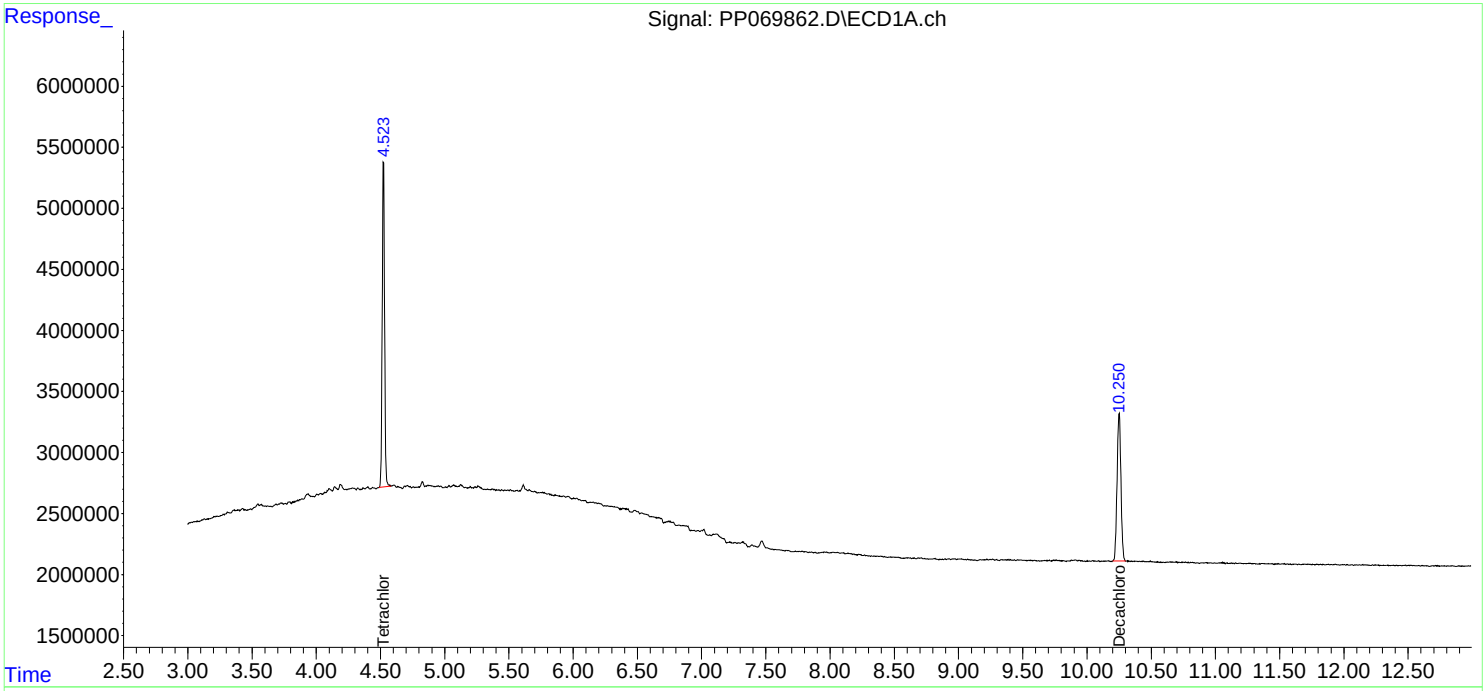
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:55
Operator : YP\AJ
Sample : PB166774BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

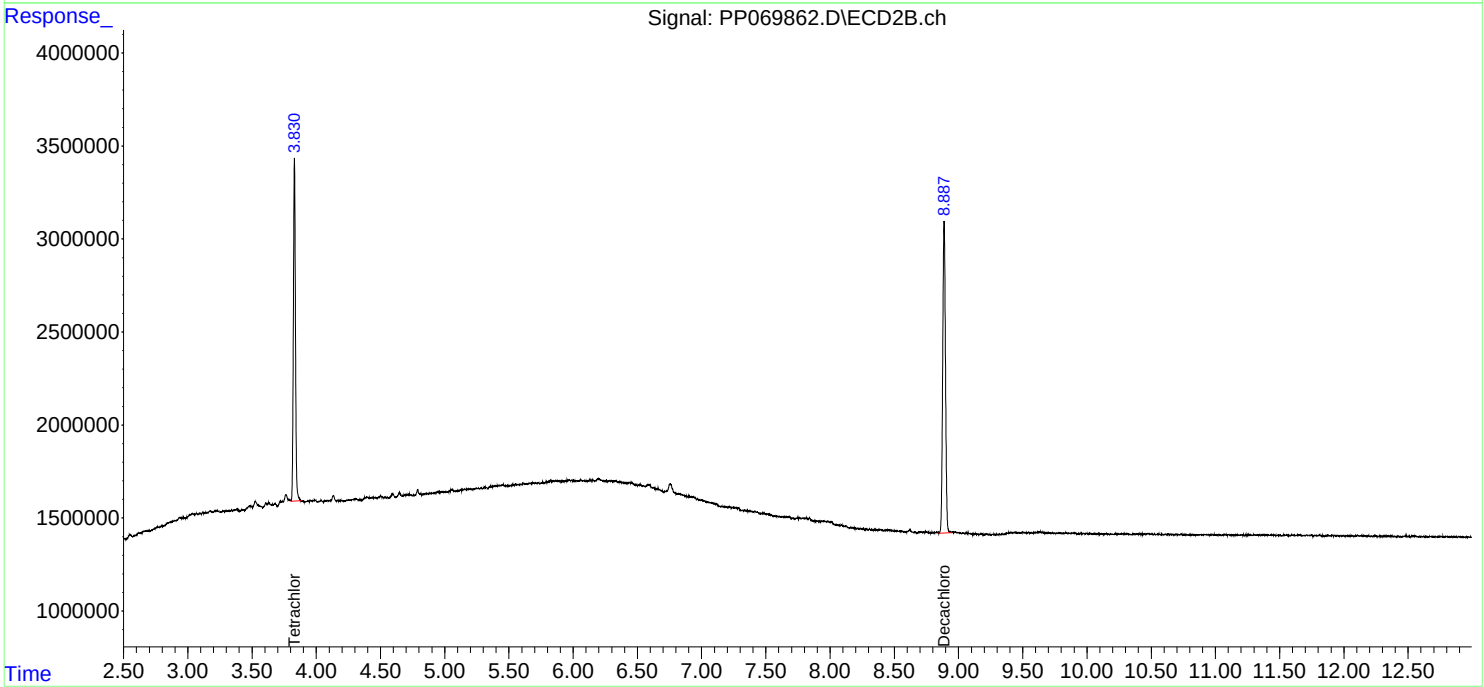
Instrument :
ECD_P
ClientSampleId :
PB166774BL

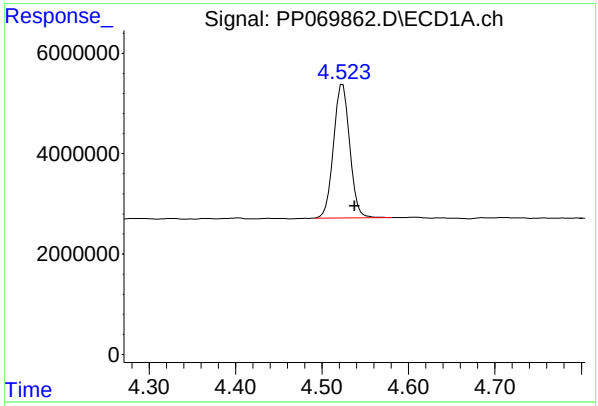
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:28:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







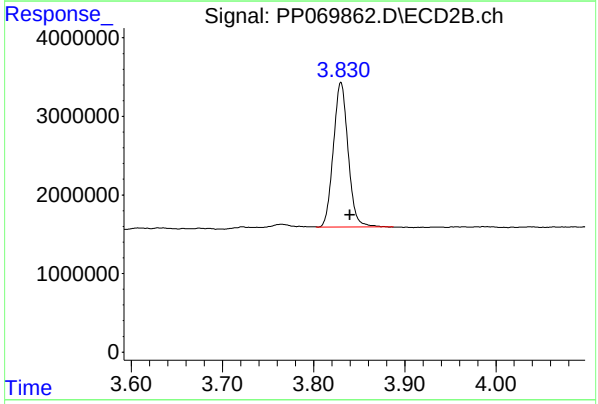
#1 Tetrachloro-m-xylene

R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 34204298
Conc: 23.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BL

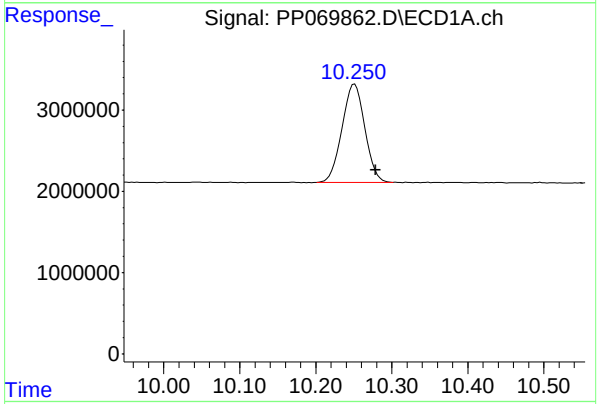
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



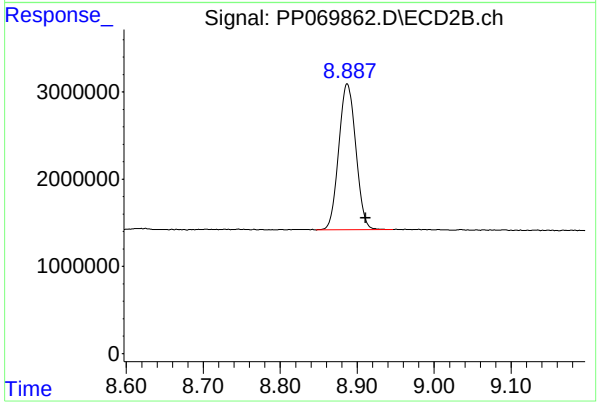
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 20675261
Conc: 23.16 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.027 min
Response: 25239161
Conc: 23.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 25535891
Conc: 22.83 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	01/28/25
Project:	Raymark Superfund Site	Date Received:	01/28/25
Client Sample ID:	PIBLK-PP069264.D	SDG No.:	Q1383
Lab Sample ID:	I.BLK-PP069264.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069264.D	1		01/28/25	PP012825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.7		60 - 140		128%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.4		60 - 140		127%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:21
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:56:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.539	3.842	36765163	23177515	25.683	25.968
2)	SA Decachlor...	10.282	8.913	27772759	28447720	25.412	25.434
	Target Compounds						

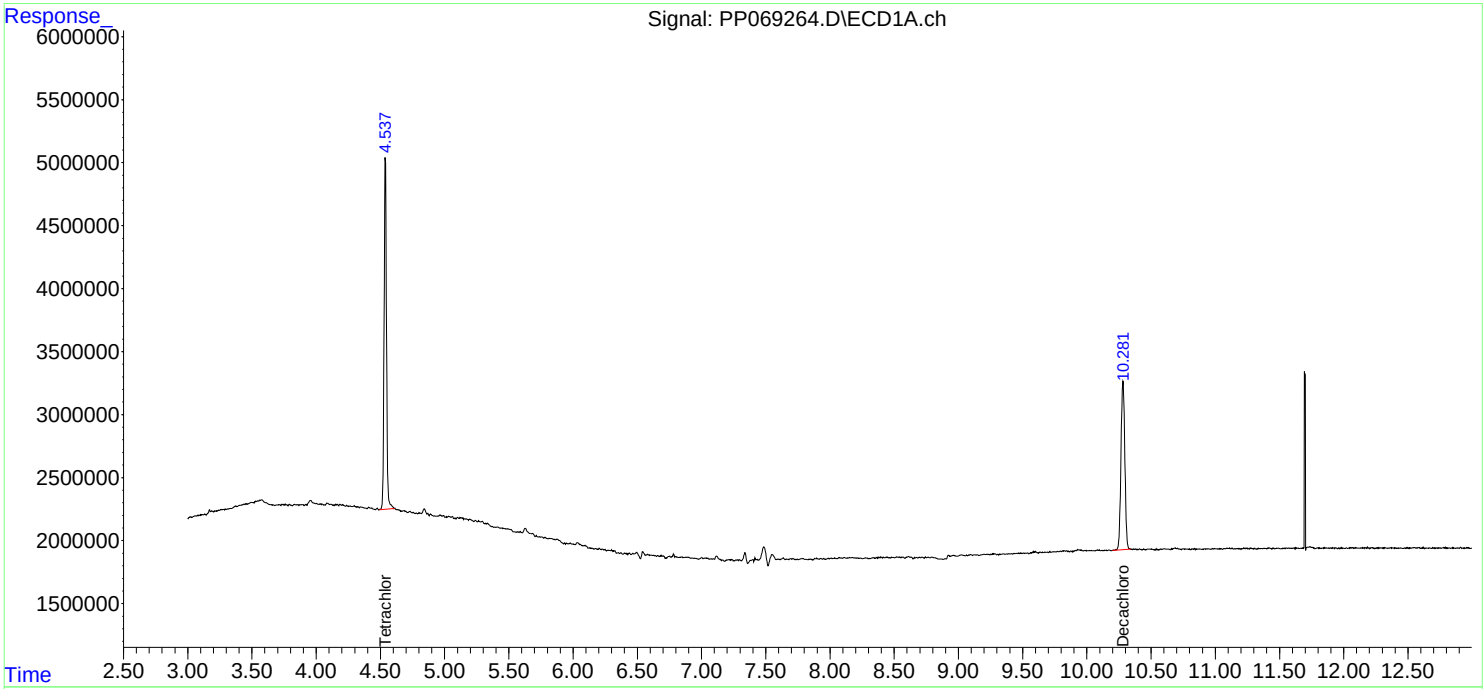
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

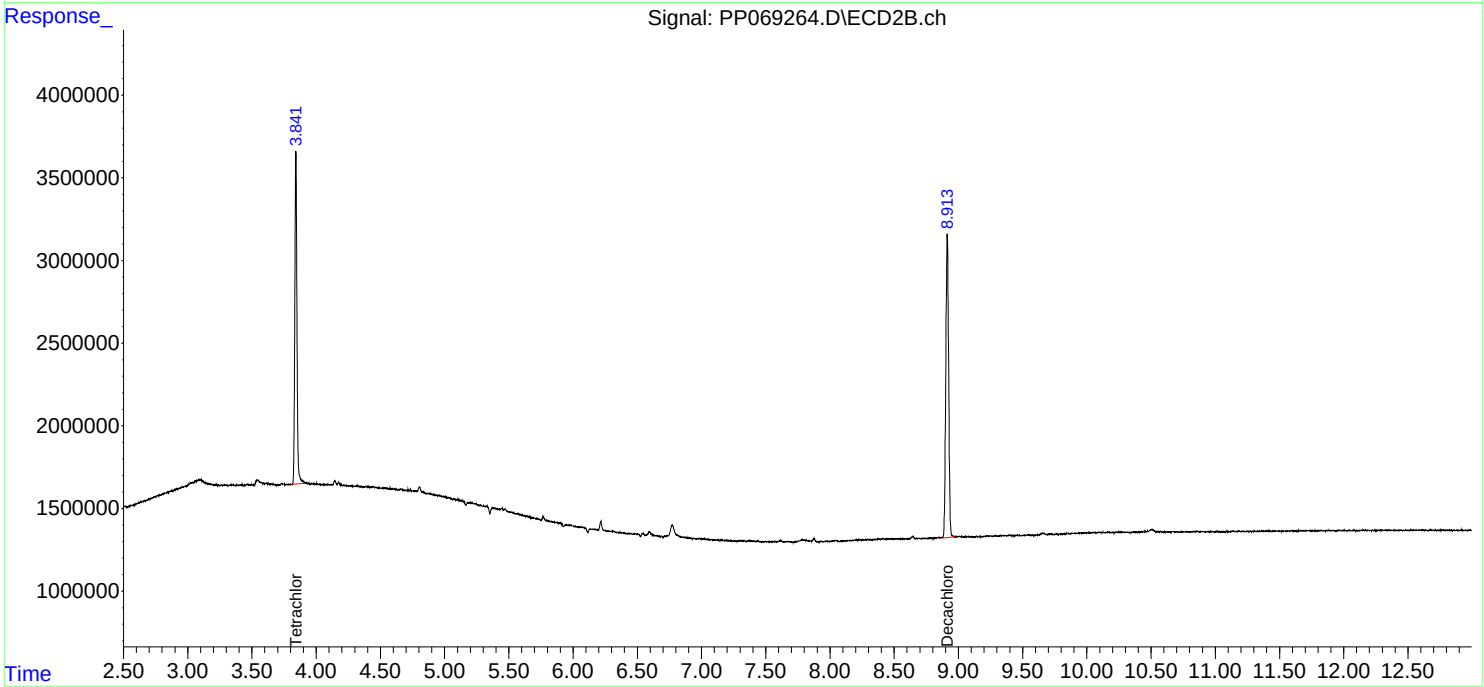
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:21
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

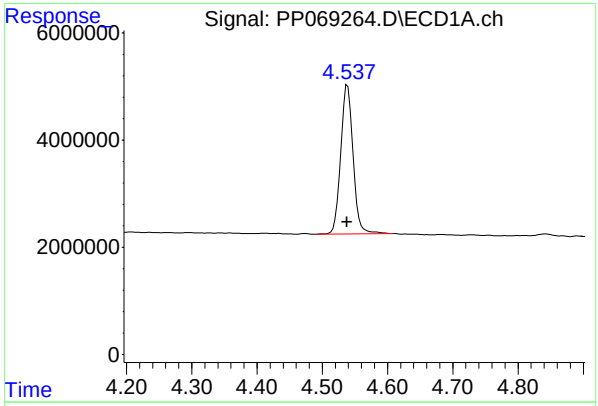
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:56:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:55:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



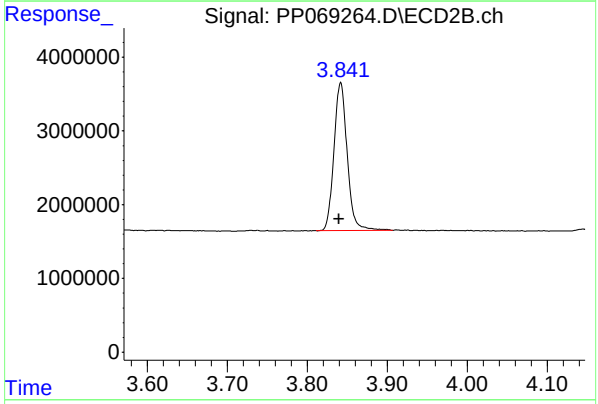




#1 Tetrachloro-m-xylene

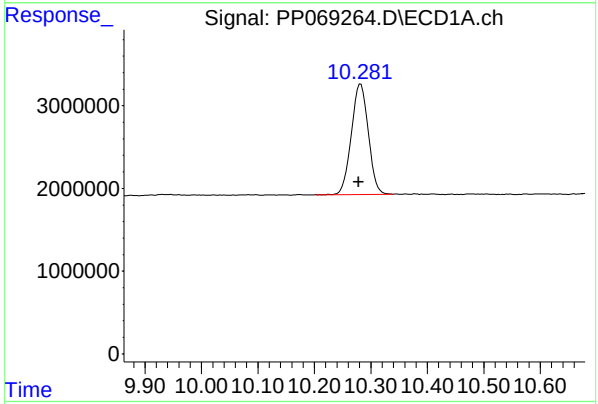
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 36765163
Conc: 25.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



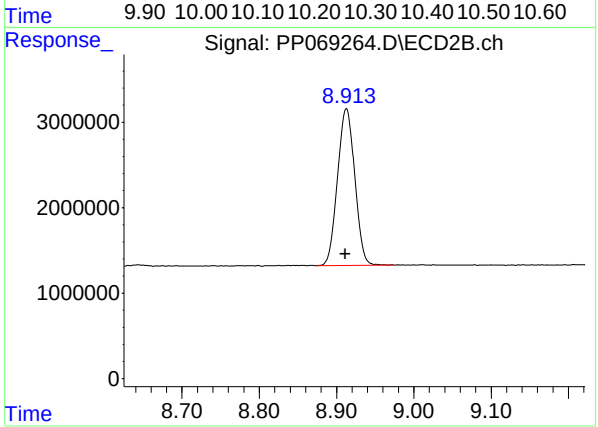
#1 Tetrachloro-m-xylene

R.T.: 3.842 min
Delta R.T.: 0.002 min
Response: 23177515
Conc: 25.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.282 min
Delta R.T.: 0.004 min
Response: 27772759
Conc: 25.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.913 min
Delta R.T.: 0.002 min
Response: 28447720
Conc: 25.43 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	02/19/25
Project:	Raymark Superfund Site	Date Received:	02/19/25
Client Sample ID:	PIBLK-PP069861.D	SDG No.:	Q1383
Lab Sample ID:	I.BLK-PP069861.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069861.D	1		02/19/25	PP021925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.5		60 - 140		112%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		60 - 140		111%	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\PP021925\
Data File : PP069861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:39
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:28:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.527	3.830	33016975	20046645	23.065	22.460m
2)	SA Decachlor...	10.252	8.887	24247523	24764461	22.186	22.141
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:39
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

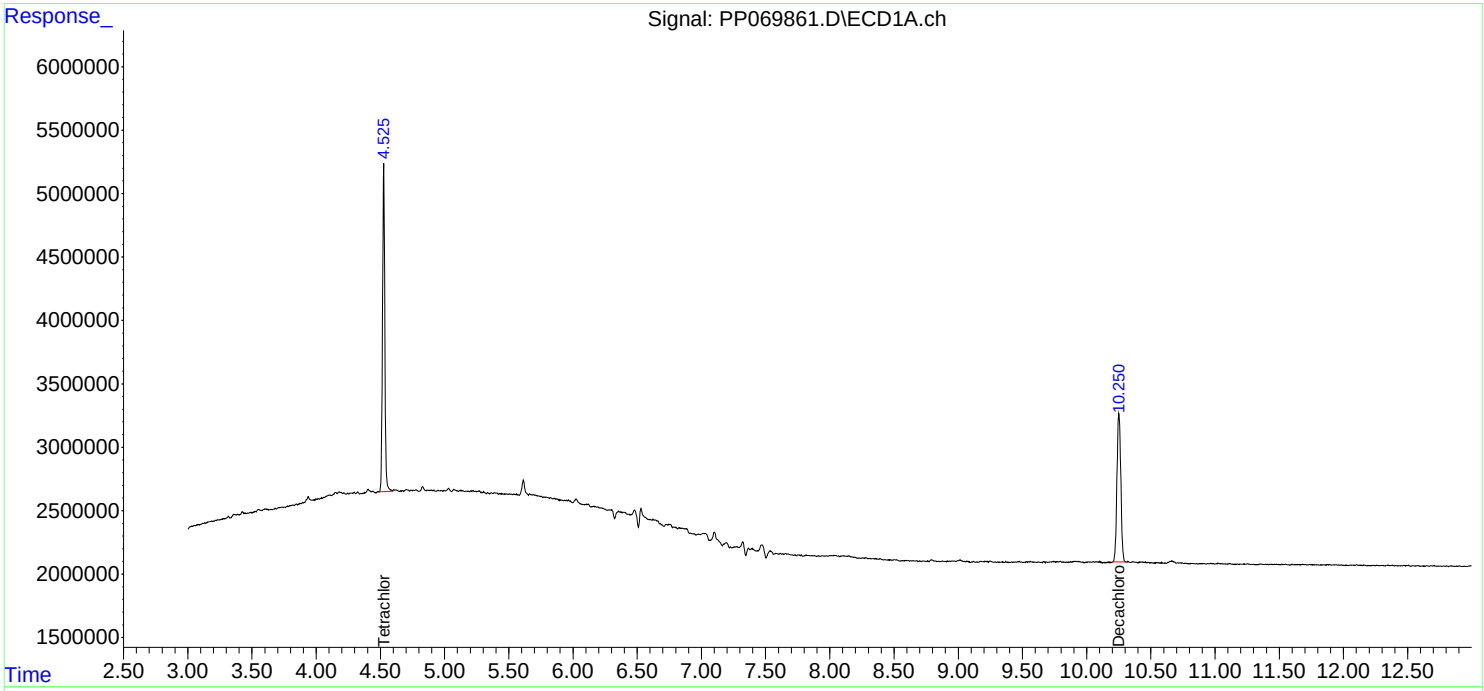
Instrument :
ECD_P
ClientSampleId :
I.BLK

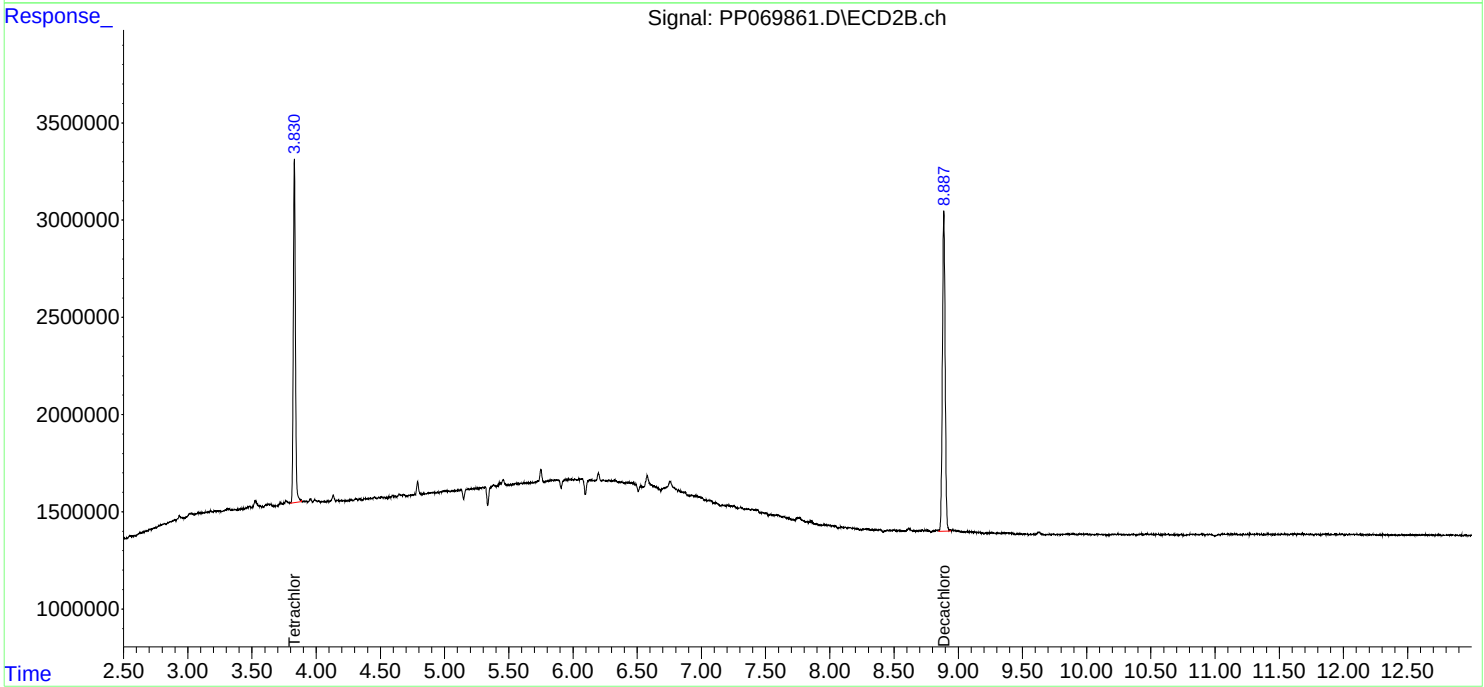
Manual Integrations APPROVED

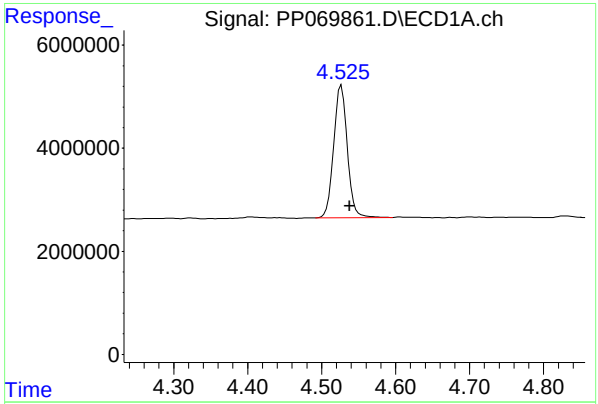
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:28:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







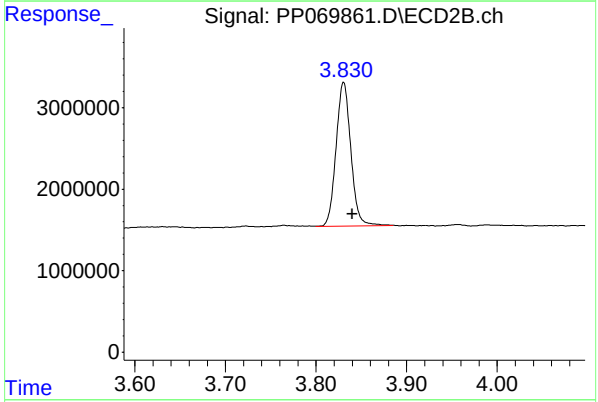
#1 Tetrachloro-m-xylene

R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 33016975
Conc: 23.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

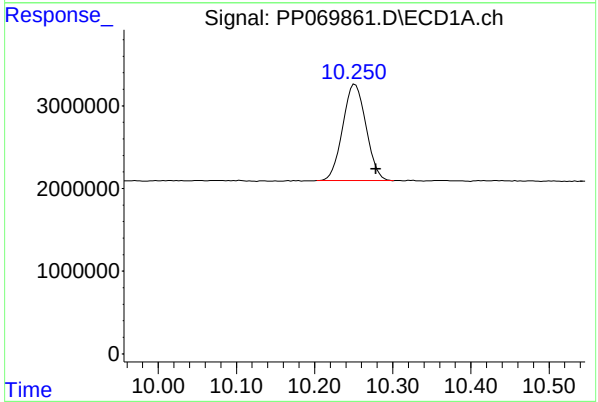
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



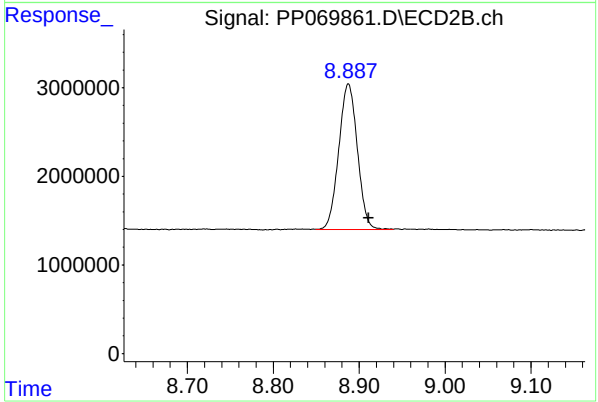
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 20046645
Conc: 22.46 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 24247523
Conc: 22.19 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 24764461
Conc: 22.14 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	02/20/25
Project:	Raymark Superfund Site	Date Received:	02/20/25
Client Sample ID:	PIBLK-PP069876.D	SDG No.:	Q1383
Lab Sample ID:	I.BLK-PP069876.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069876.D	1		02/20/25	PP021925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.0		60 - 140		115%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.6		60 - 140		113%	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\PP021925\
Data File : PP069876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 02:47
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:21:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.528	3.830	33330073	20529542	23.284	23.001m
2)	SA Decachlor...	10.256	8.890	24757589	25259689	22.653	22.584
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

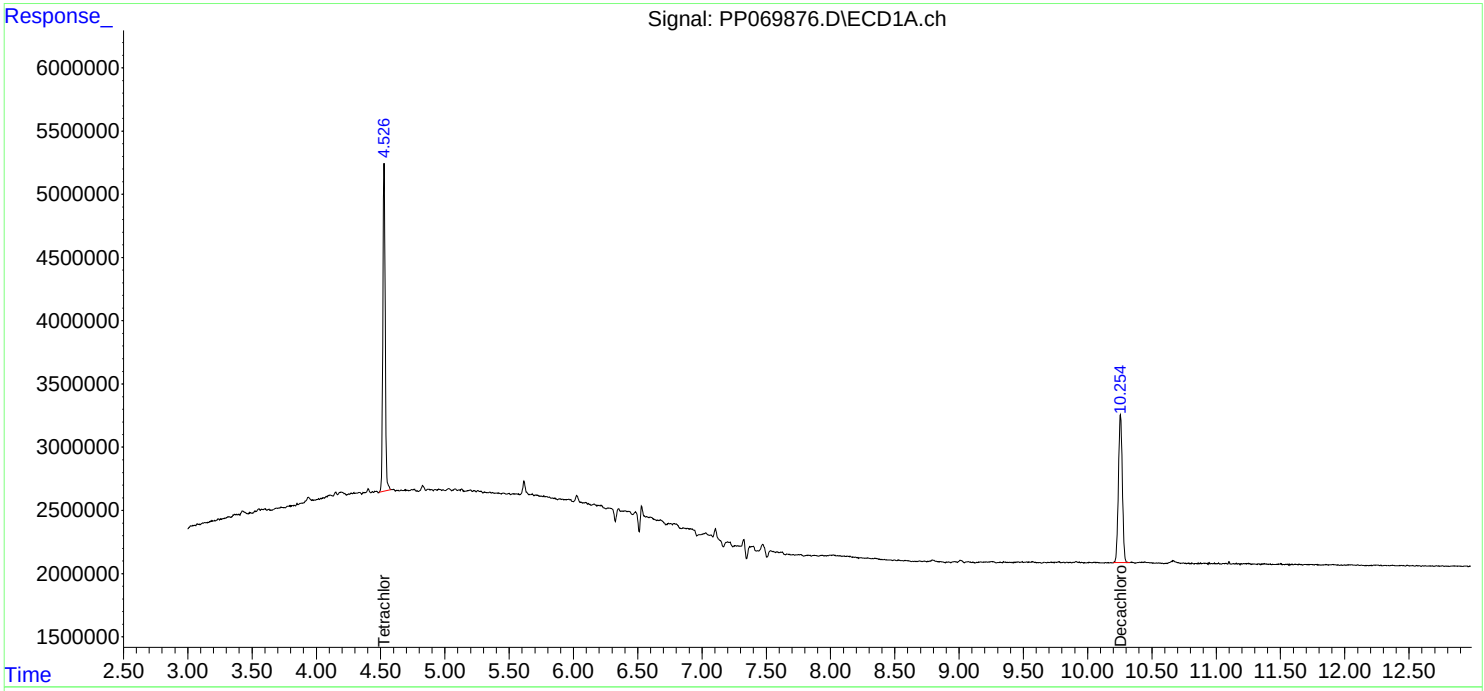
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 02:47
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

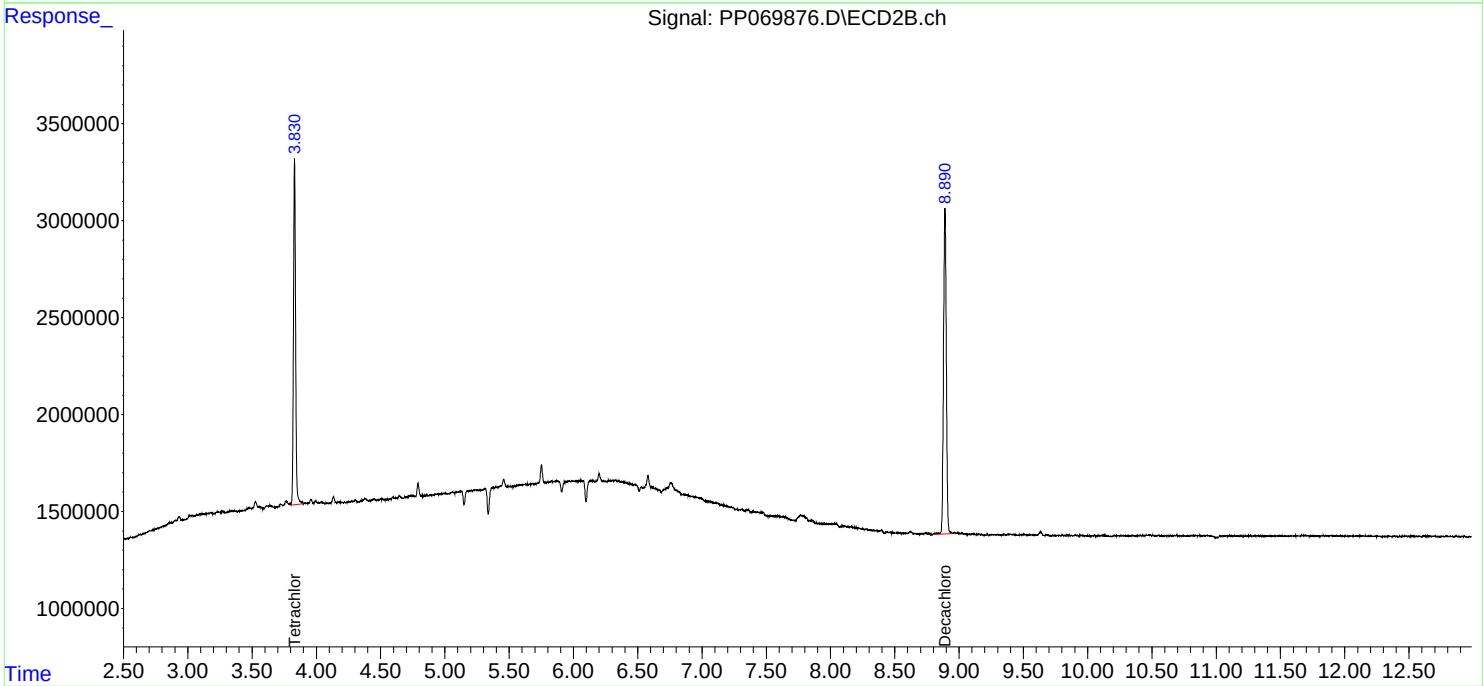
Instrument :
ECD_P
ClientSampleId :
I.BLK

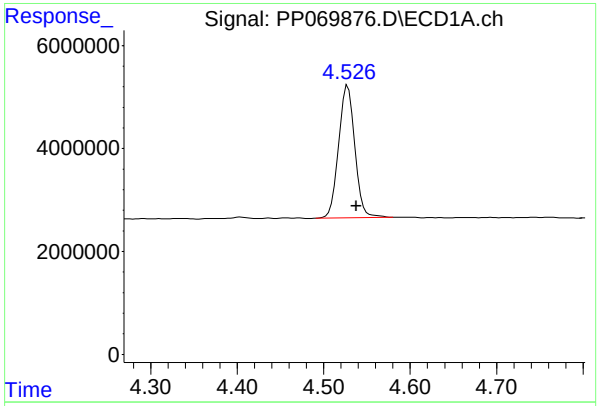
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 05:21:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







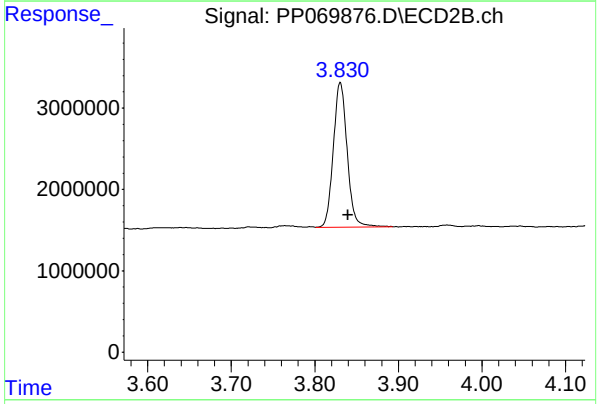
#1 Tetrachloro-m-xylene

R.T.: 4.528 min
Delta R.T.: -0.010 min
Response: 33330073
Conc: 23.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

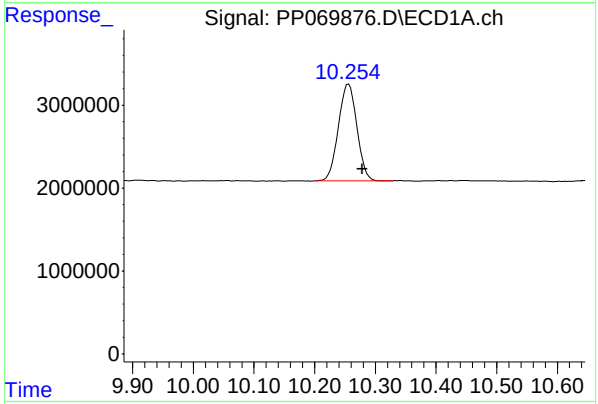
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



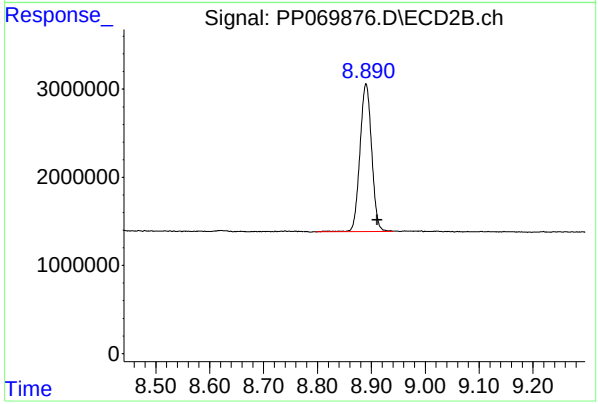
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 20529542
Conc: 23.00 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.023 min
Response: 24757589
Conc: 22.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.890 min
Delta R.T.: -0.021 min
Response: 25259689
Conc: 22.58 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	02/20/25
Project:	Raymark Superfund Site	Date Received:	02/20/25
Client Sample ID:	PIBLK-PP069889.D	SDG No.:	Q1383
Lab Sample ID:	I.BLK-PP069889.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069889.D	1		02/20/25	PP021925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.5		60 - 140		117%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		60 - 140		112%	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\PP021925\
Data File : PP069889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 07:23
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 07:44:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.829	34234895	20940803	23.916	23.462m
2)	SA Decachlor...	10.252	8.887	25374752	25057580	23.218	22.403
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

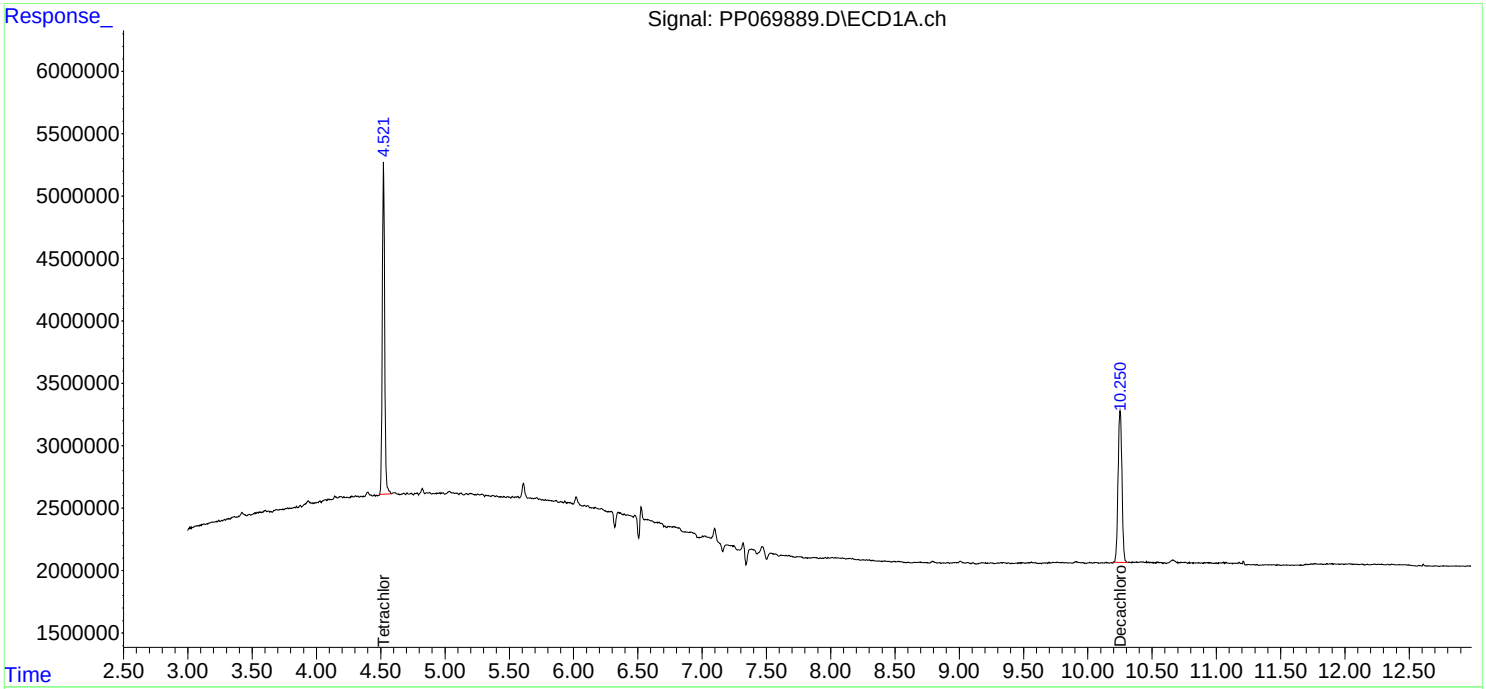
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 07:23
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

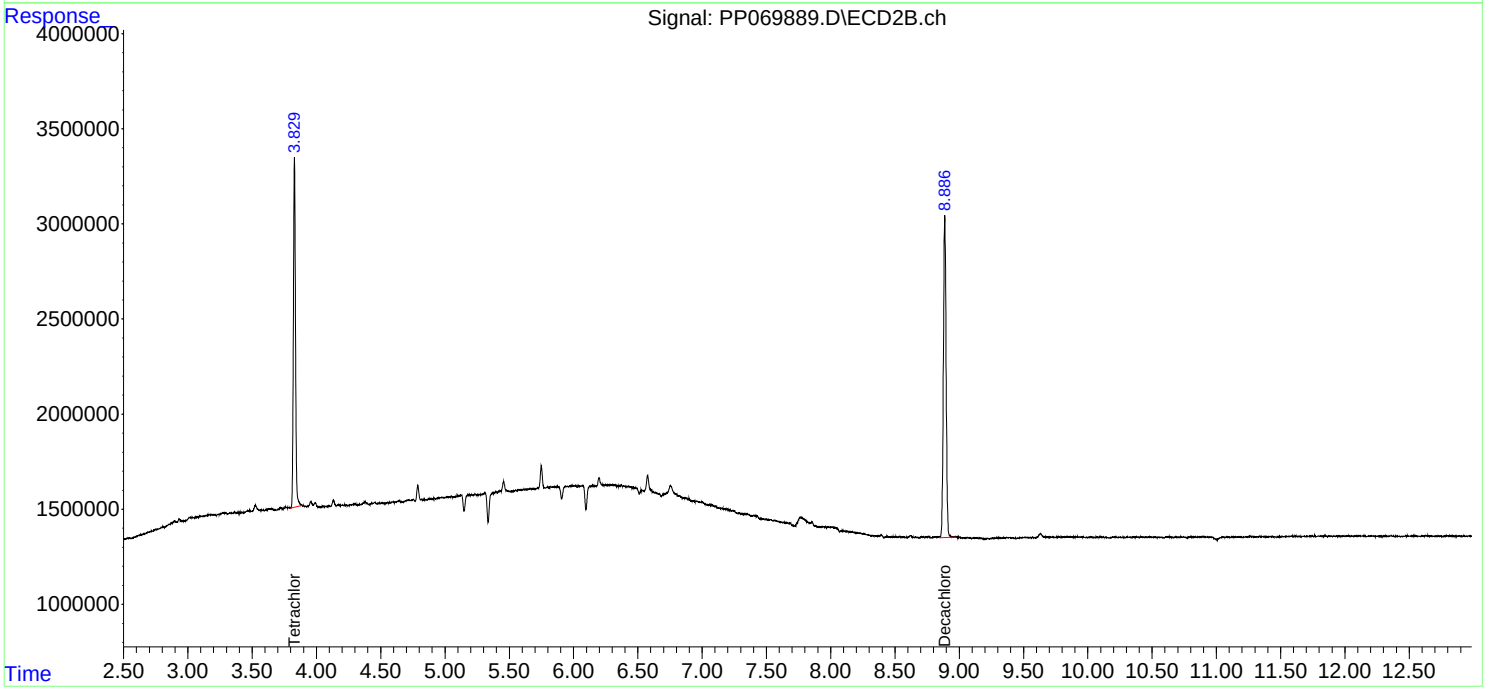
Instrument :
ECD_P
ClientSampleId :
I.BLK

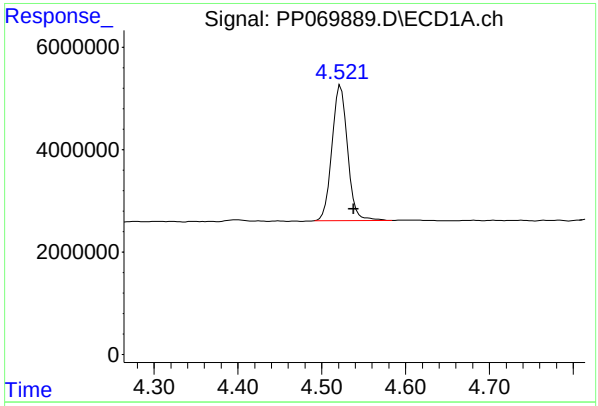
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 07:44:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







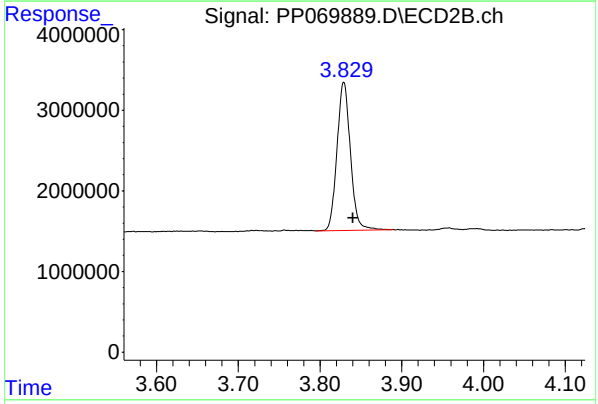
#1 Tetrachloro-m-xylene

R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 34234895
Conc: 23.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

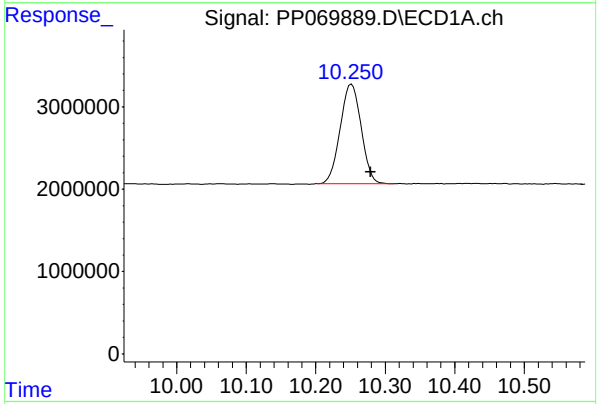
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



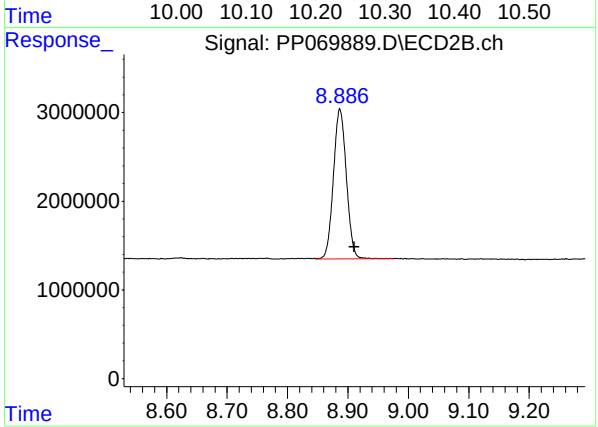
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 20940803
Conc: 23.46 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 25374752
Conc: 23.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 25057580
Conc: 22.40 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	02/20/25
Project:	Raymark Superfund Site	Date Received:	02/20/25
Client Sample ID:	PIBLK-PP069936.D	SDG No.:	Q1383
Lab Sample ID:	I.BLK-PP069936.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069936.D	1		02/20/25	PP022025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.2		60 - 140		121%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.2		60 - 140		116%	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\PP022025\
Data File : PP069936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:33
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:56:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.829	34997045	21586619	24.448	24.186m
2)	SA Decachlor...	10.253	8.887	26181347	25973403	23.956	23.222
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

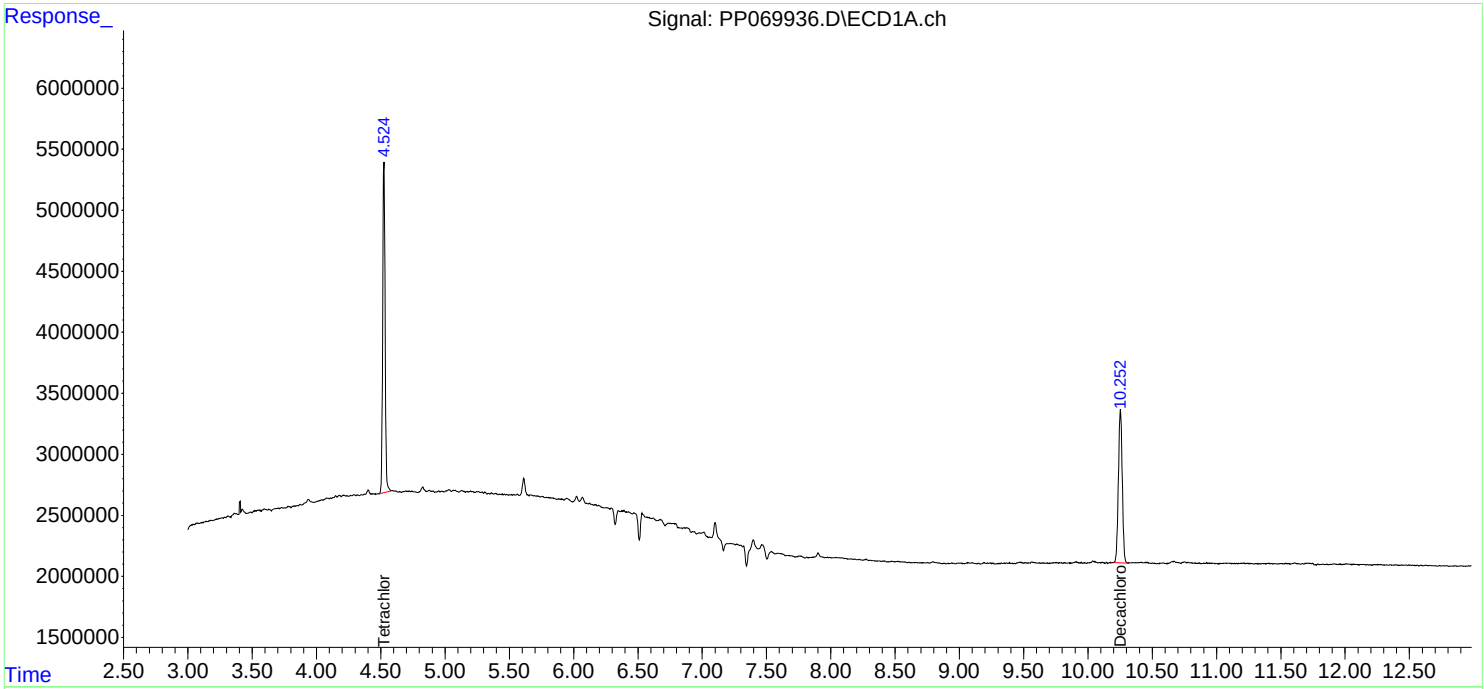
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:33
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

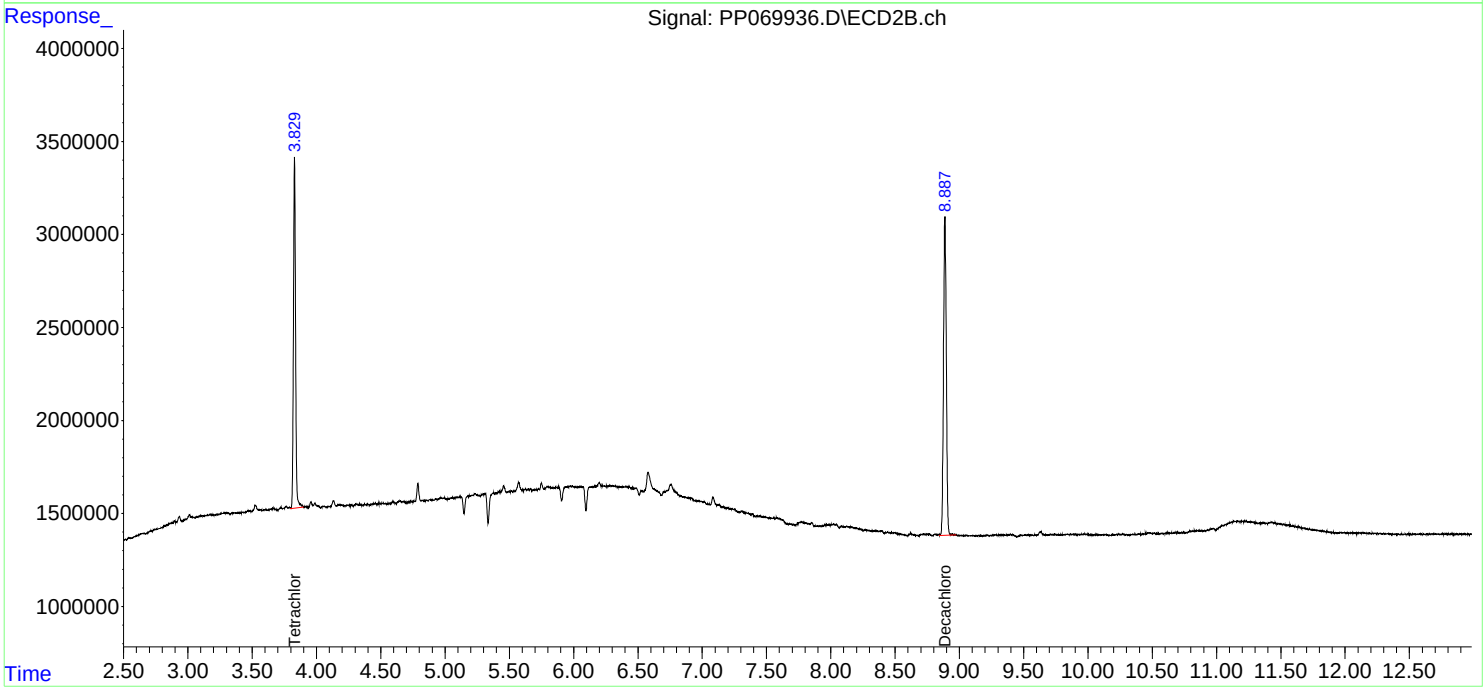
Instrument :
ECD_P
ClientSampleId :
I.BLK

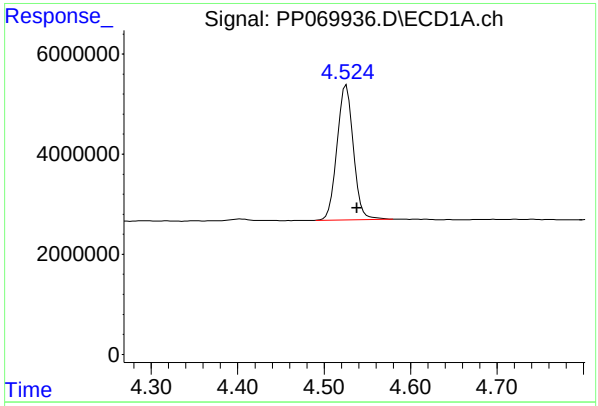
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 04:56:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







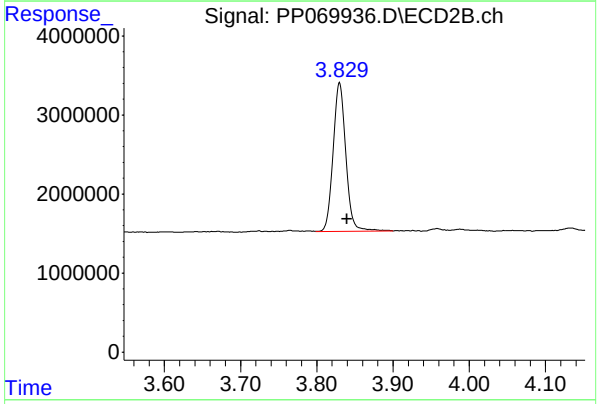
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 34997045
Conc: 24.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

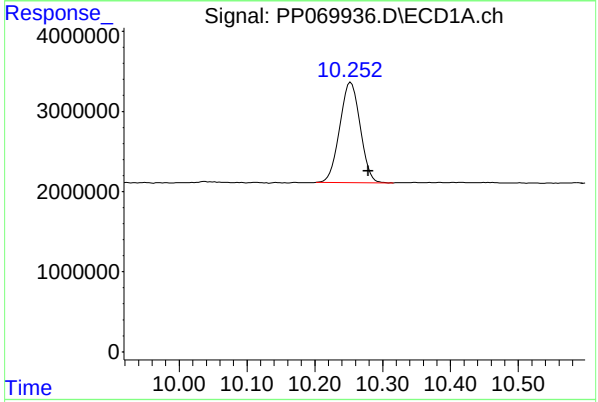
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



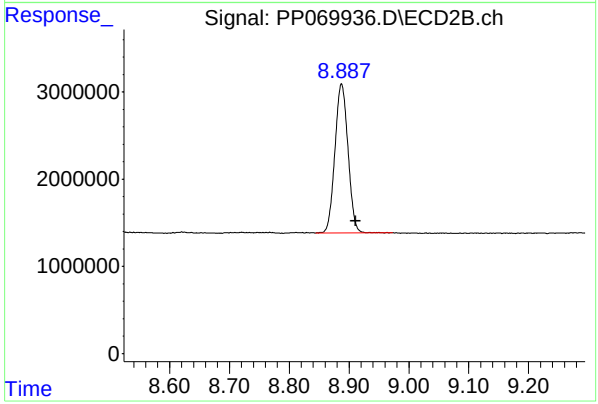
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 21586619
Conc: 24.19 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.025 min
Response: 26181347
Conc: 23.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 25973403
Conc: 23.22 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	02/21/25
Project:	Raymark Superfund Site	Date Received:	02/21/25
Client Sample ID:	PIBLK-PP069951.D	SDG No.:	Q1383
Lab Sample ID:	I.BLK-PP069951.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069951.D	1		02/21/25	PP022025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.5		60 - 140		127%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.8		60 - 140		119%	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\PP022025\
Data File : PP069951.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:58
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 05:01:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.526	3.829	36714114	22723891	25.648	25.460m
2)	SA Decachlor...	10.253	8.887	26925500	26589192	24.637	23.773
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

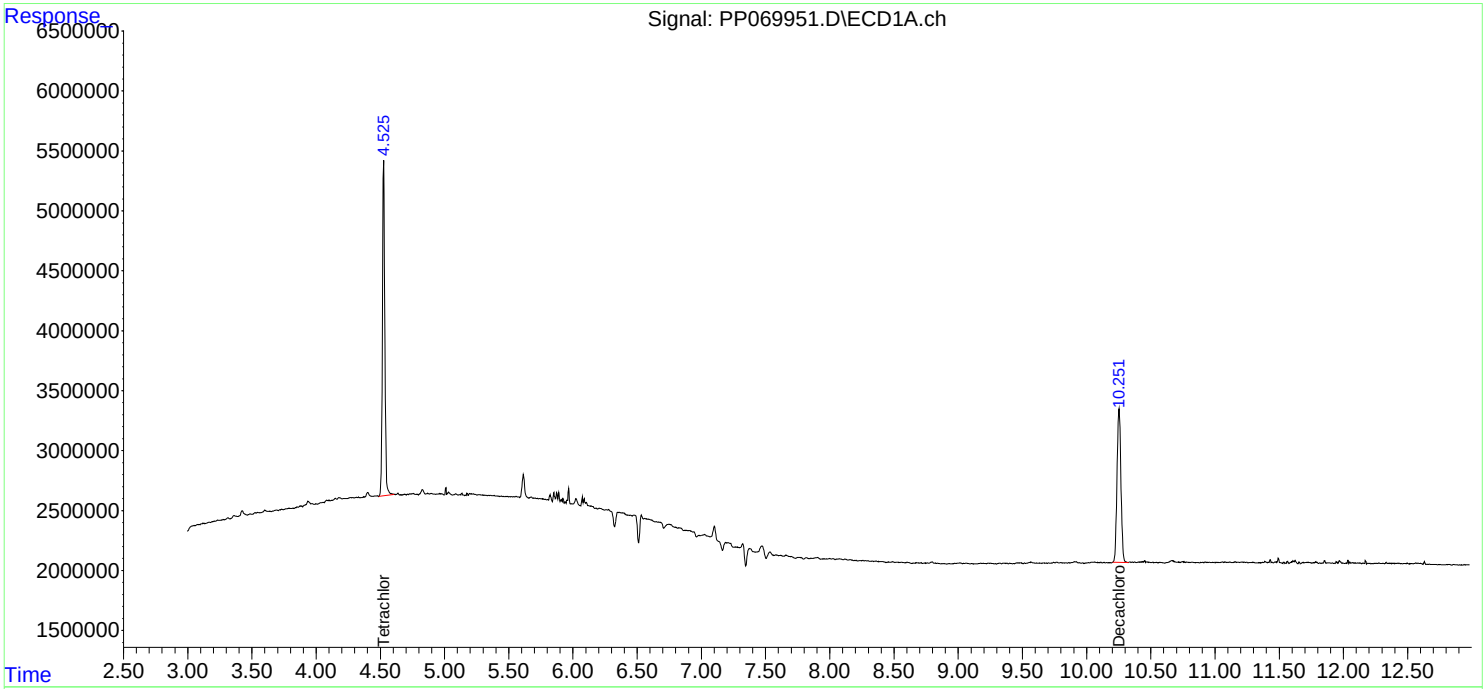
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069951.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:58
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

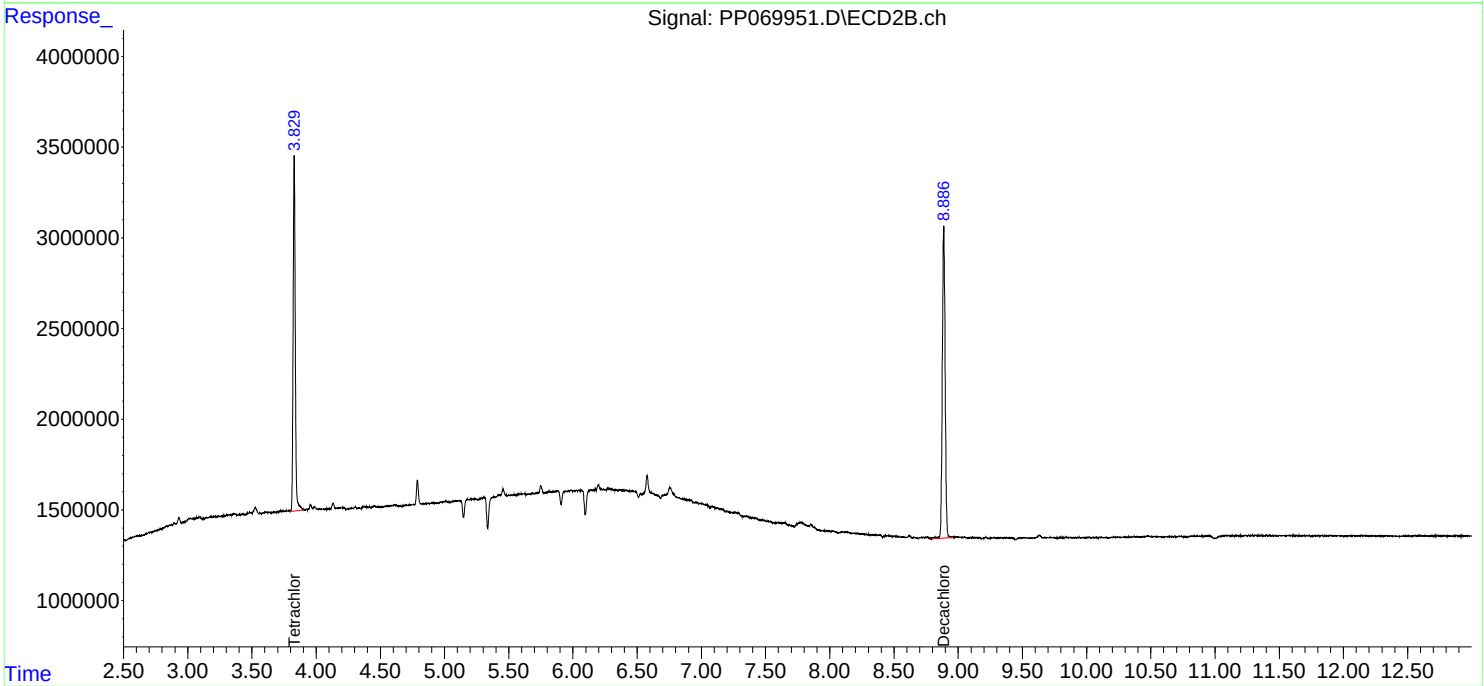
Instrument :
ECD_P
ClientSampleId :
I.BLK

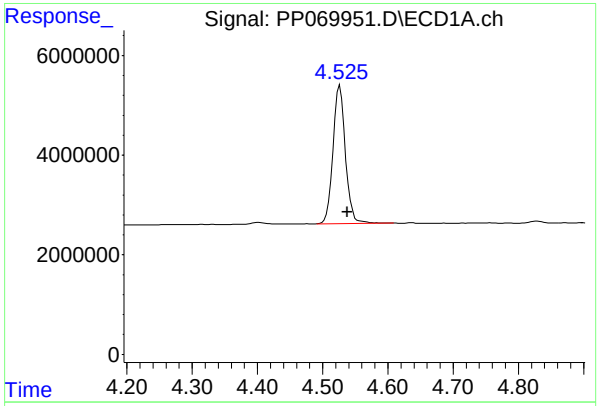
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 05:01:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







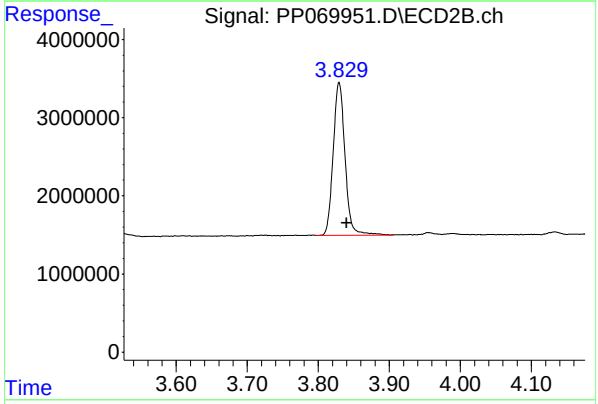
#1 Tetrachloro-m-xylene

R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 36714114
Conc: 25.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

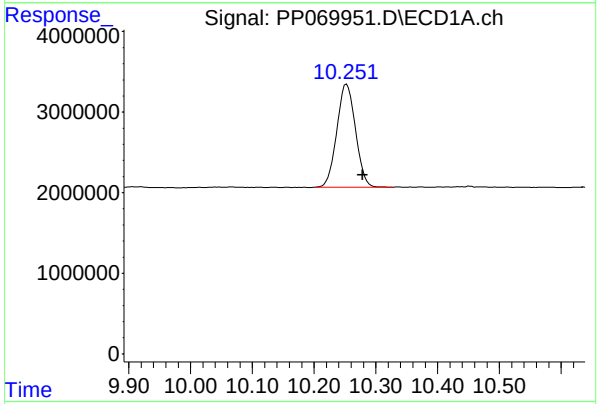
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/21/2025
Supervised By :Ankita Jodhani 02/21/2025



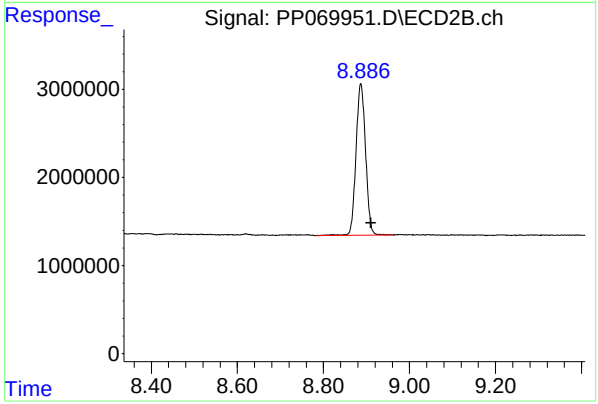
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 22723891
Conc: 25.46 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 26925500
Conc: 24.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26589192
Conc: 23.77 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	02/21/25
Project:	Raymark Superfund Site	Date Received:	02/21/25
Client Sample ID:	PIBLK-PP069957.D	SDG No.:	Q1383
Lab Sample ID:	I.BLK-PP069957.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069957.D	1		02/21/25	pp022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.2		60 - 140		111%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.3		60 - 140		112%	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\PP022125\
Data File : PP069957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 11:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:11:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.525	3.828	32239613	19775368	22.522	22.156m
2)	SA Decachlor...	10.250	8.884	24372177	25264980	22.300	22.589
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 11:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

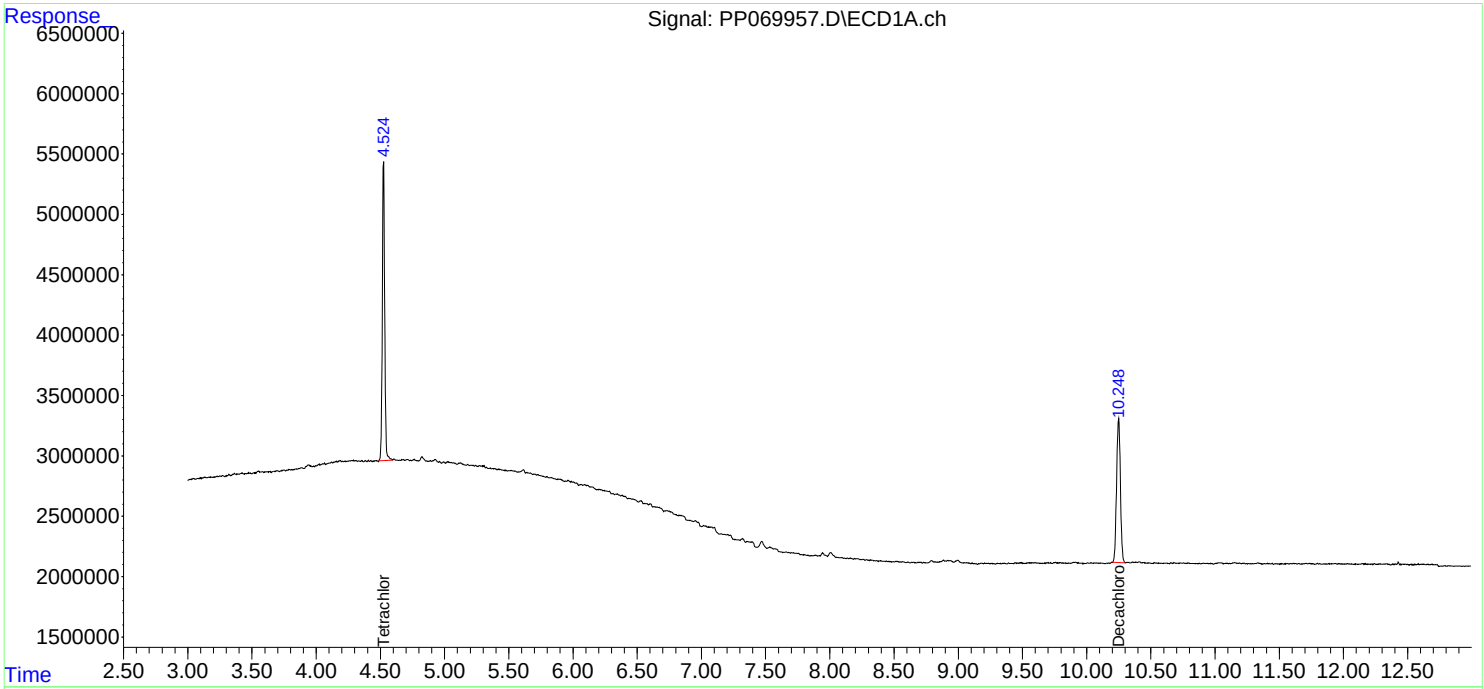
Instrument :
ECD_P
ClientSampleId :
I.BLK

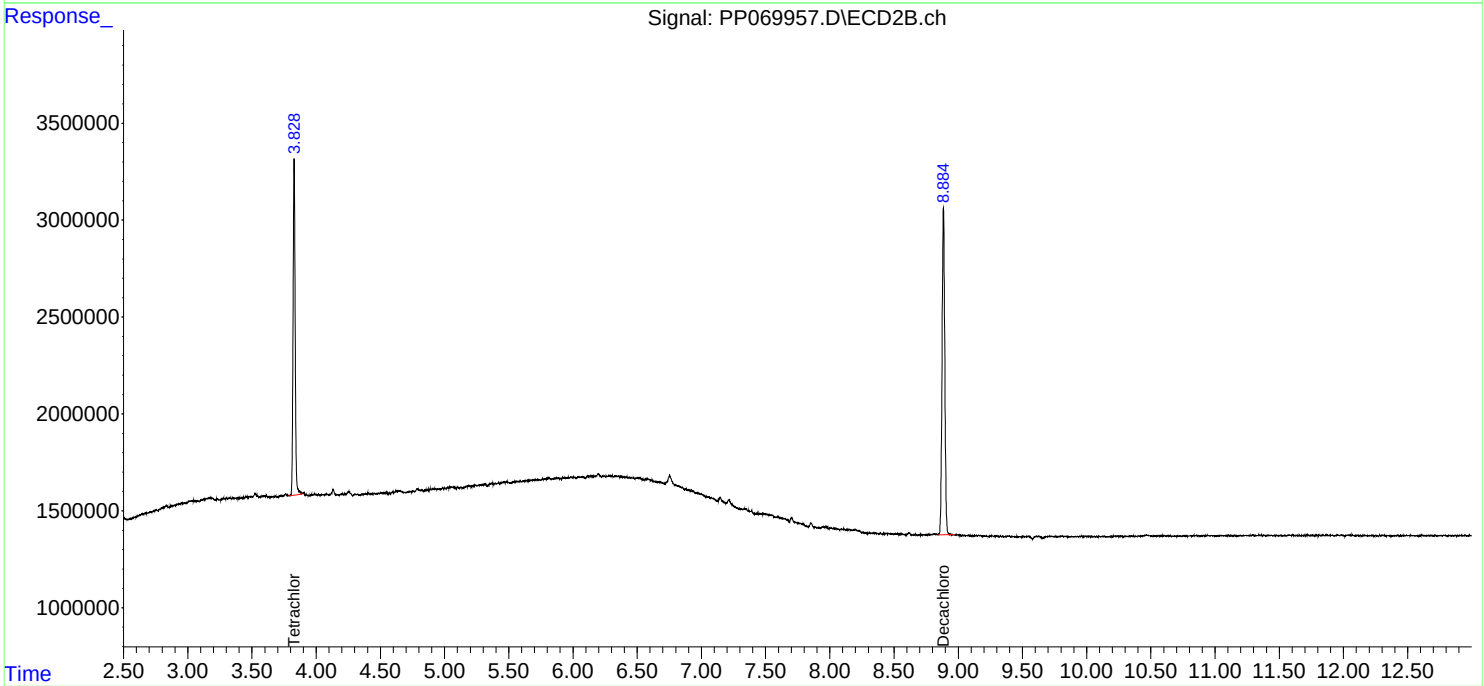
Manual Integrations APPROVED

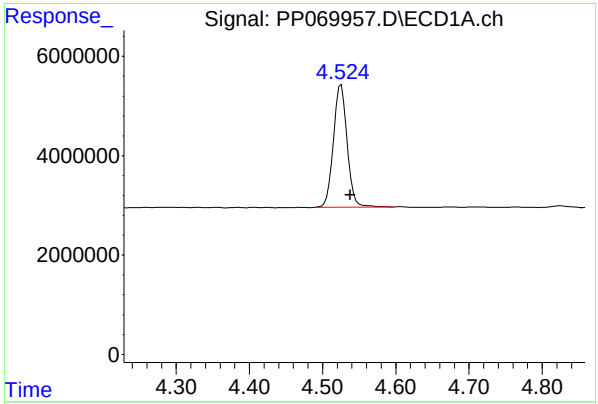
Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:11:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







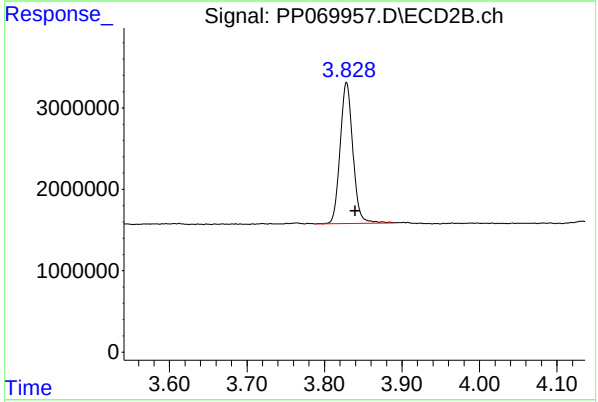
#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 32239613
Conc: 22.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

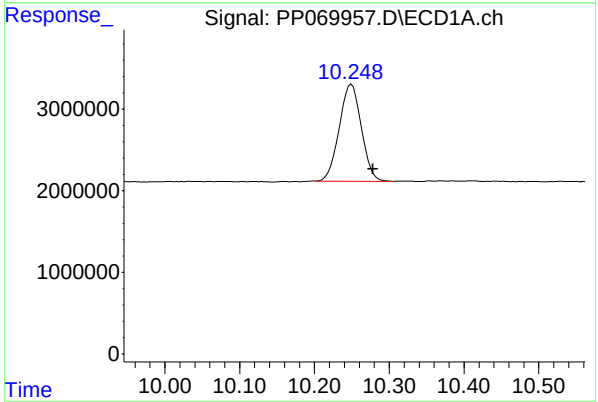
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



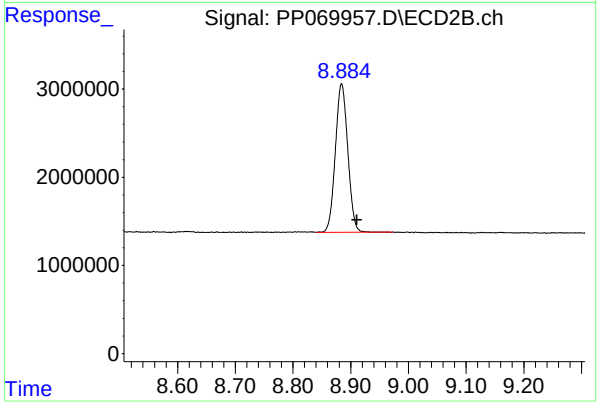
#1 Tetrachloro-m-xylene

R.T.: 3.828 min
Delta R.T.: -0.012 min
Response: 19775368
Conc: 22.16 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.029 min
Response: 24372177
Conc: 22.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.884 min
Delta R.T.: -0.027 min
Response: 25264980
Conc: 22.59 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	02/21/25
Project:	Raymark Superfund Site	Date Received:	02/21/25
Client Sample ID:	PIBLK-PP069971.D	SDG No.:	Q1383
Lab Sample ID:	I.BLK-PP069971.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069971.D	1		02/21/25	pp022125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.40	U	0.15	0.40	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.23	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.40	U	0.37	0.40	0.50	ug/L
53469-21-9	Aroclor-1242	0.40	U	0.16	0.40	0.50	ug/L
12672-29-6	Aroclor-1248	0.40	U	0.12	0.40	0.50	ug/L
11097-69-1	Aroclor-1254	0.40	U	0.11	0.40	0.50	ug/L
11096-82-5	Aroclor-1260	0.40	U	0.15	0.40	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.40	U	0.12	0.40	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.9		60 - 140		110%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		60 - 140		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\PP022125\
Data File : PP069971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 16:03
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:20:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.527	3.829	31414783	20063042	21.946	22.479m
2)	SA Decachlor...	10.252	8.885	23676233	22646493	21.664	20.247
	Target Compounds						

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

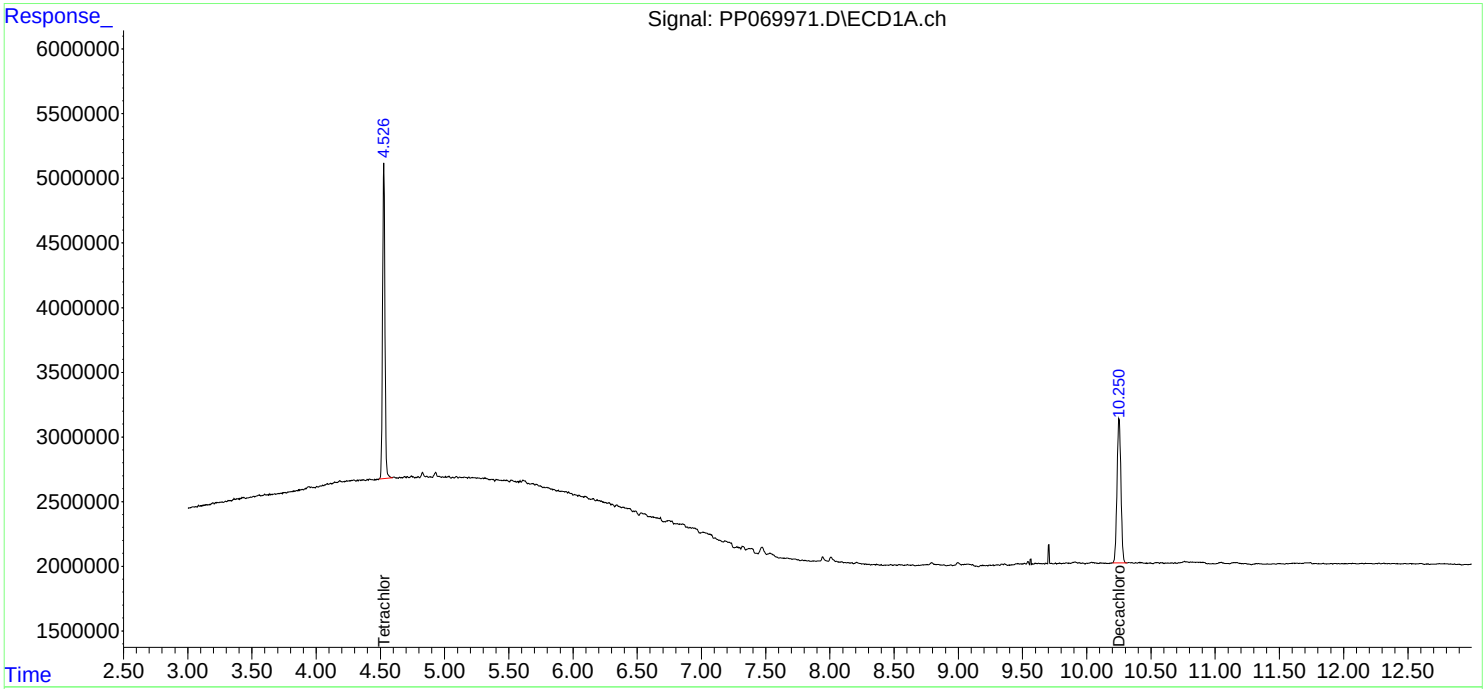
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 16:03
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

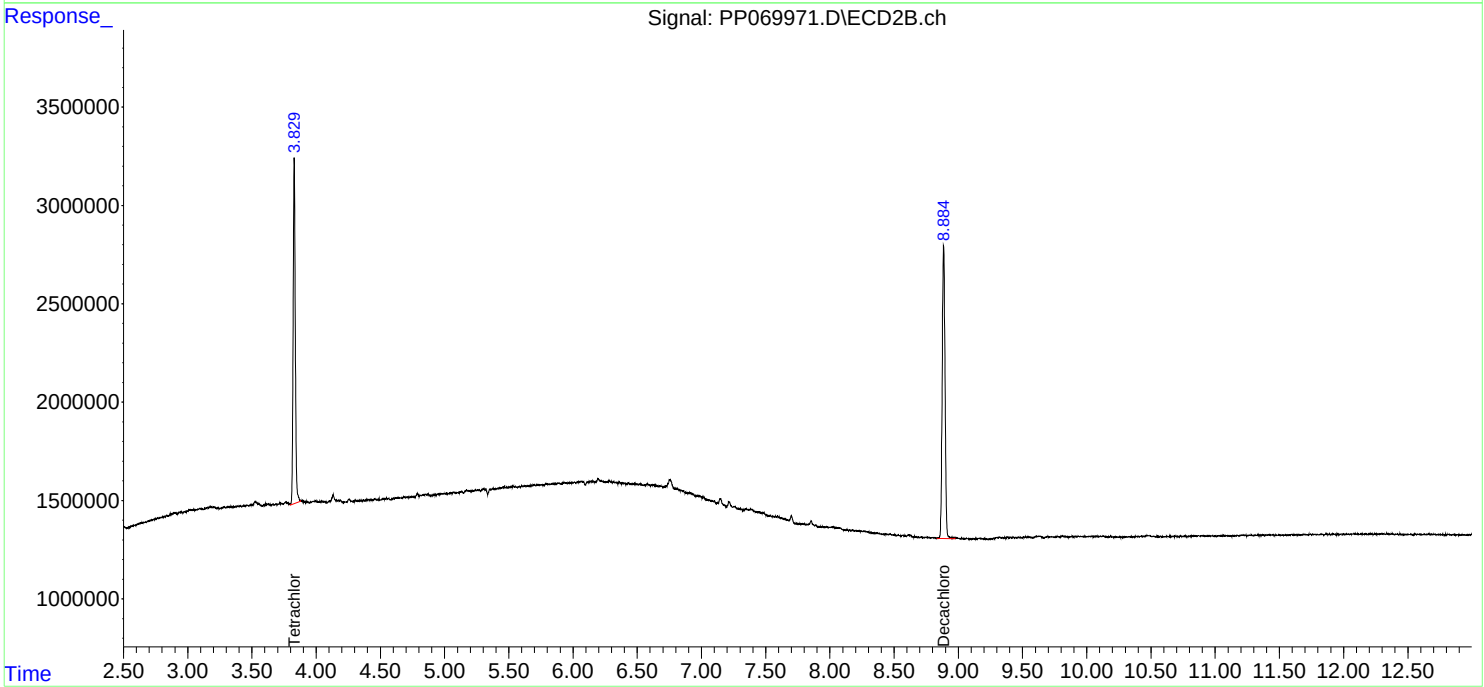
Instrument :
ECD_P
ClientSampleId :
I.BLK

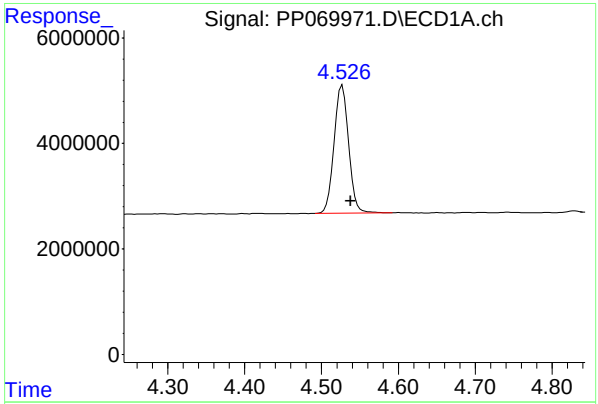
Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:20:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







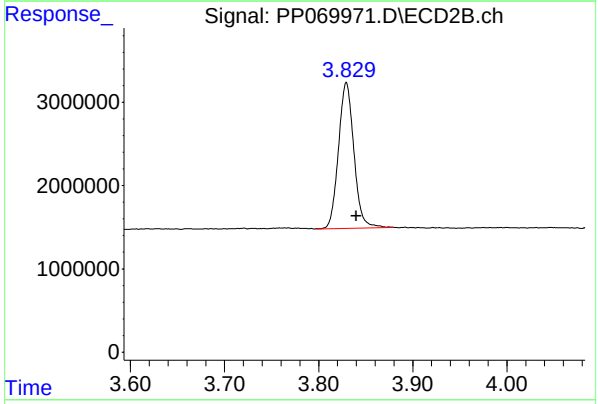
#1 Tetrachloro-m-xylene

R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 31414783
Conc: 21.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

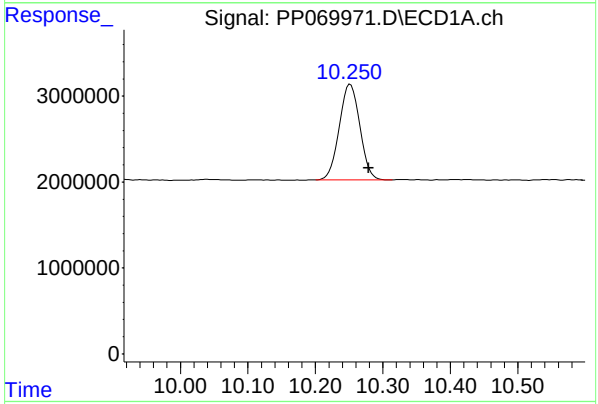
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/24/2025
Supervised By :Ankita Jodhani 02/24/2025



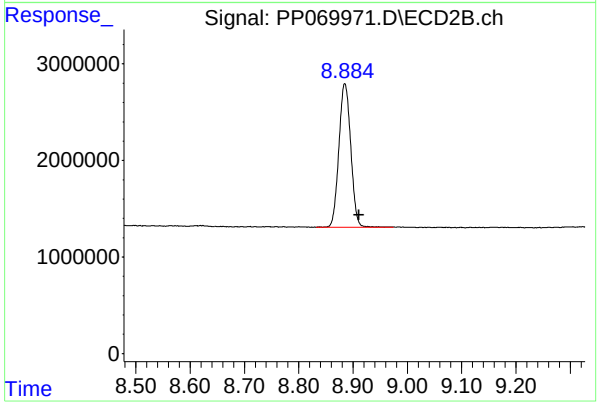
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 20063042
Conc: 22.48 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 23676233
Conc: 21.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.885 min
Delta R.T.: -0.026 min
Response: 22646493
Conc: 20.25 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	PB166774BS	SDG No.:	Q1383
Lab Sample ID:	PB166774BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069863.D	1	02/19/25 09:40	02/19/25 22:11	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	152		3.40	8.30	17.0	ug/kg
11104-28-2	Aroclor-1221	13.0	U	6.40	13.0	17.0	ug/kg
11141-16-5	Aroclor-1232	13.0	U	3.40	13.0	17.0	ug/kg
53469-21-9	Aroclor-1242	8.30	U	3.40	8.30	17.0	ug/kg
12672-29-6	Aroclor-1248	13.0	U	7.90	13.0	17.0	ug/kg
11097-69-1	Aroclor-1254	13.0	U	2.70	13.0	17.0	ug/kg
37324-23-5	Aroclor-1262	8.30	U	4.60	8.30	17.0	ug/kg
11100-14-4	Aroclor-1268	13.0	U	3.40	13.0	17.0	ug/kg
11096-82-5	Aroclor-1260	152		2.90	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.8		44 - 130		129%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.3	*	60 - 125		127%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 22:11
Operator : YP\AJ
Sample : PB166774BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166774BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:29:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.522	3.830	36904405	21630159	25.781m	24.234m
2)	SA Decachlor...	10.250	8.888	27654805	26715342	25.304	23.885
	Target Compounds						
3)	L1 AR-1016-1	5.675	4.920	20823543	15157234	449.432m	464.732m
4)	L1 AR-1016-2	5.698	4.939	33575023	20393971	494.644	453.618
5)	L1 AR-1016-3	5.761	5.117	20116220	11550075	472.249	464.157
6)	L1 AR-1016-4	5.858	5.158	16935542	9156400	483.866	453.371
7)	L1 AR-1016-5	6.151	5.374	12662668	11741722	383.038	437.734
31)	L7 AR-1260-1	7.271	6.412	28340087	24022046	484.974	498.078
32)	L7 AR-1260-2	7.524	6.599	36465138	30469913	468.626	497.032
33)	L7 AR-1260-3	7.883	6.753	25110721	26475968	401.648	440.119m
34)	L7 AR-1260-4	8.107	7.226	27405456	19368864	415.380	416.824
35)	L7 AR-1260-5	8.427	7.466	54755742	47572584	418.219	428.022

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 22:11
Operator : YP\AJ
Sample : PB166774BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

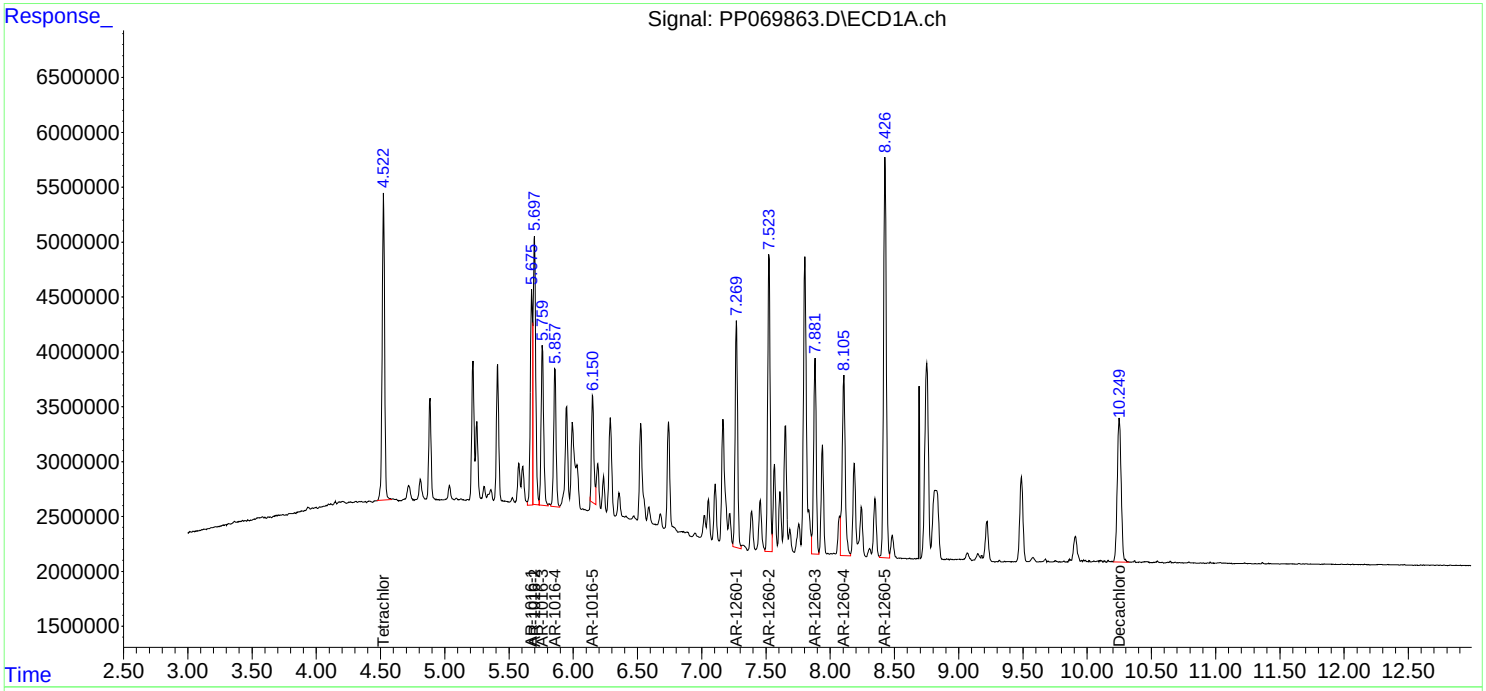
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:29:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

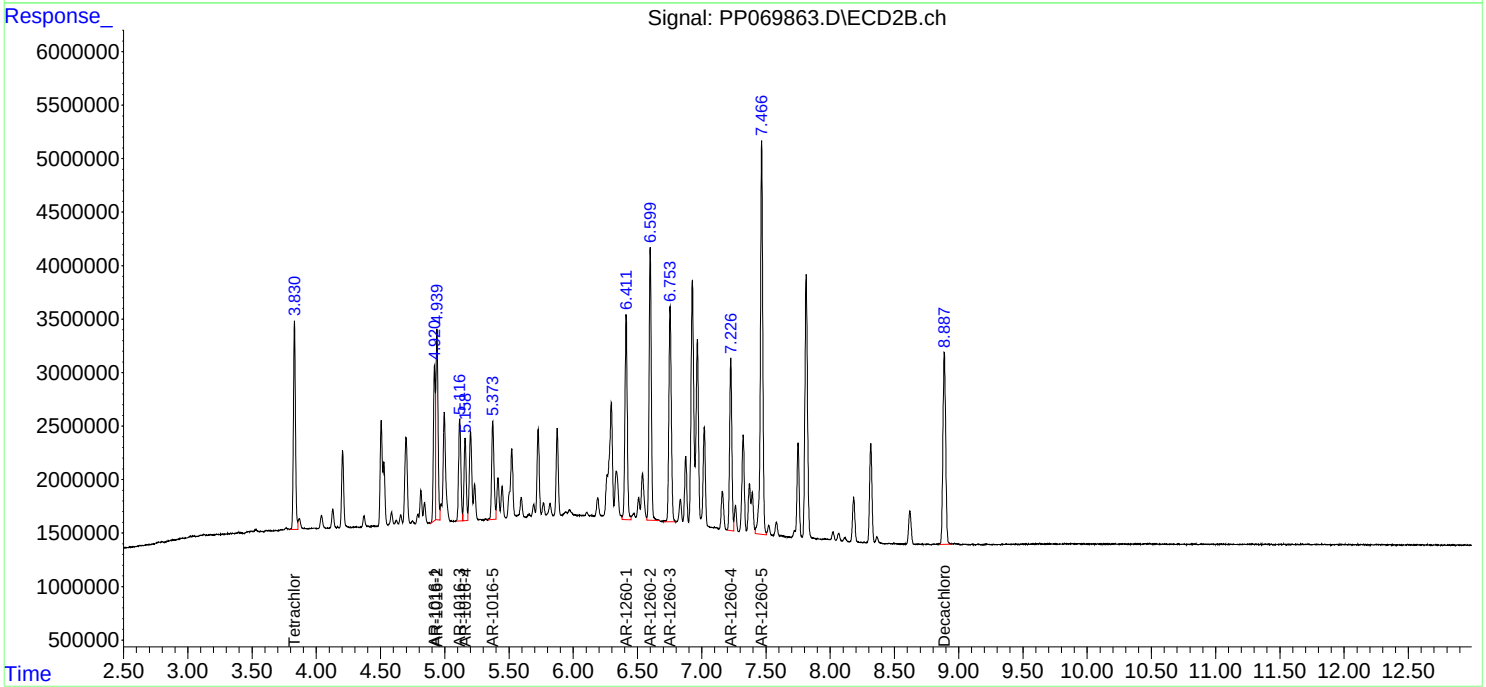
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

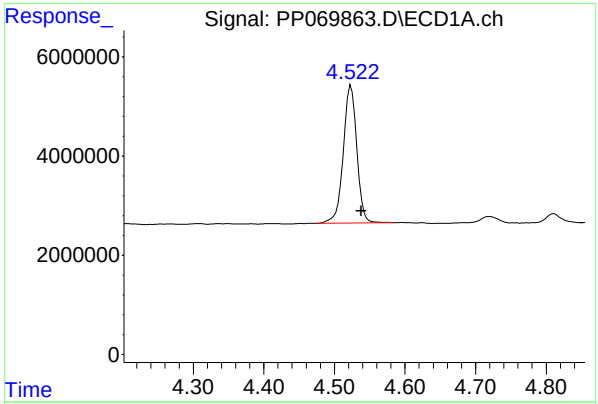
Instrument :
ECD_P
ClientSampleId :
PB166774BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025







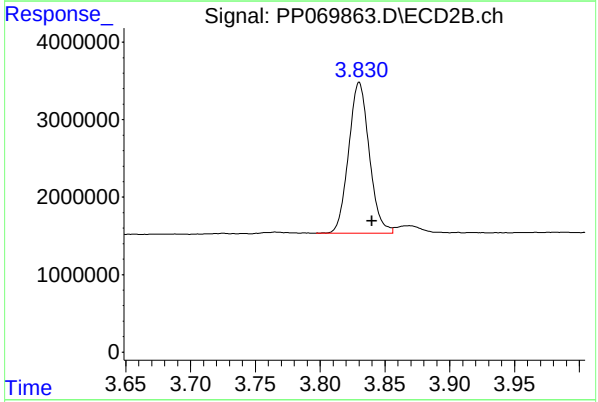
#1 Tetrachloro-m-xylene

R.T.: 4.522 min
Delta R.T.: -0.016 mi
Response: 36904405
Conc: 25.78 ng/m

Instrument :
ECD_P
ClientSampleId :
PB166774BS

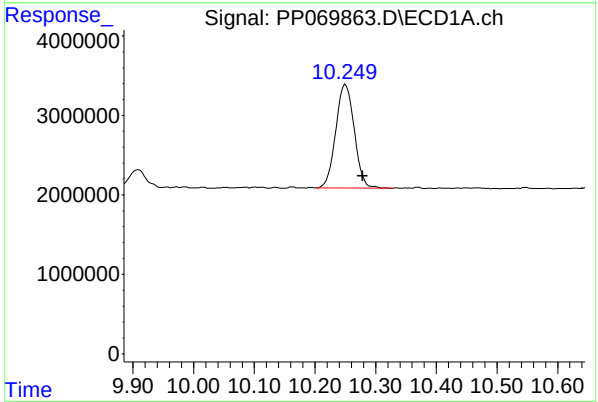
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



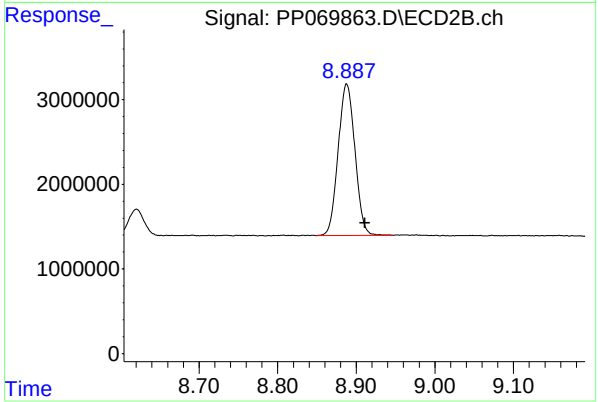
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 21630159
Conc: 24.23 ng/ml m



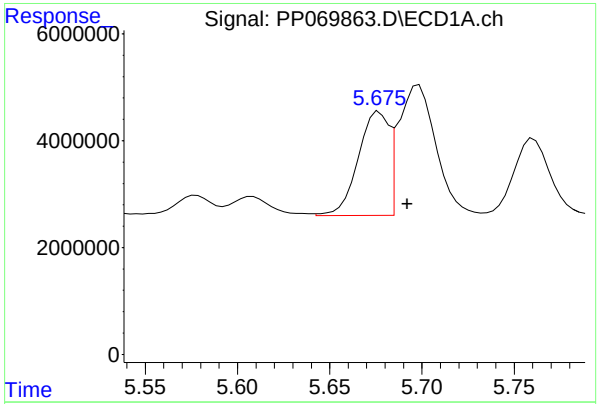
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.028 min
Response: 27654805
Conc: 25.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 26715342
Conc: 23.89 ng/ml



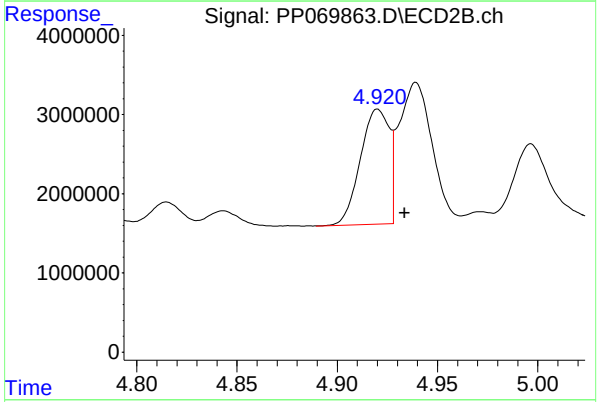
#3 AR-1016-1

R.T.: 5.675 min
Delta R.T.: -0.017 min
Response: 20823543
Conc: 449.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS

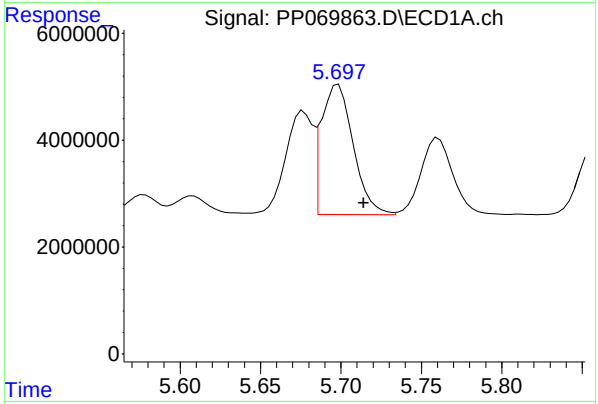
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



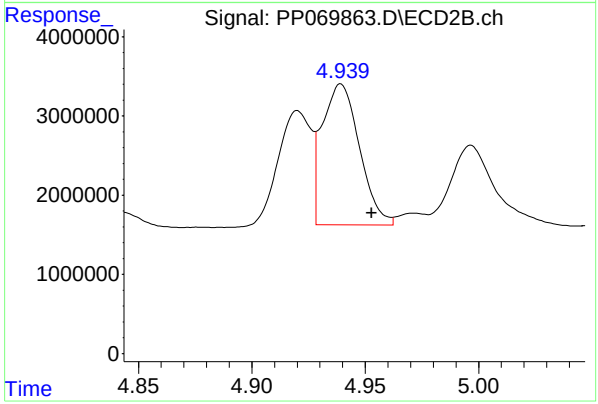
#3 AR-1016-1

R.T.: 4.920 min
Delta R.T.: -0.014 min
Response: 15157234
Conc: 464.73 ng/ml m



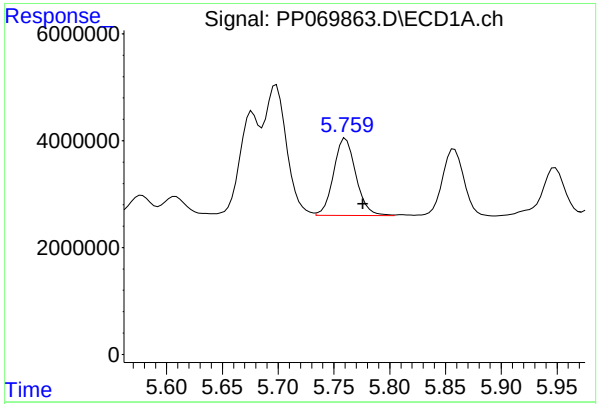
#4 AR-1016-2

R.T.: 5.698 min
Delta R.T.: -0.016 min
Response: 33575023
Conc: 494.64 ng/ml



#4 AR-1016-2

R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 20393971
Conc: 453.62 ng/ml



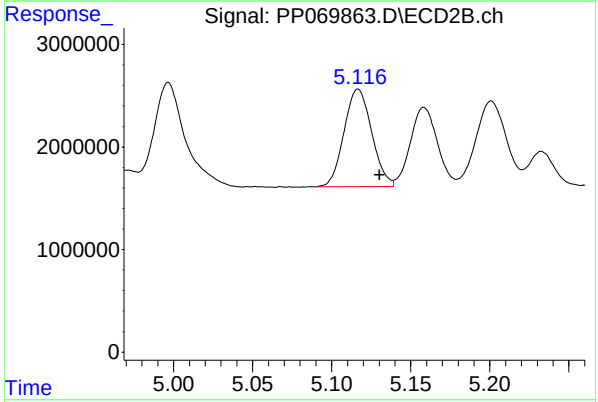
#5 AR-1016-3

R.T.: 5.761 min
Delta R.T.: -0.016 min
Response: 20116220
Conc: 472.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS

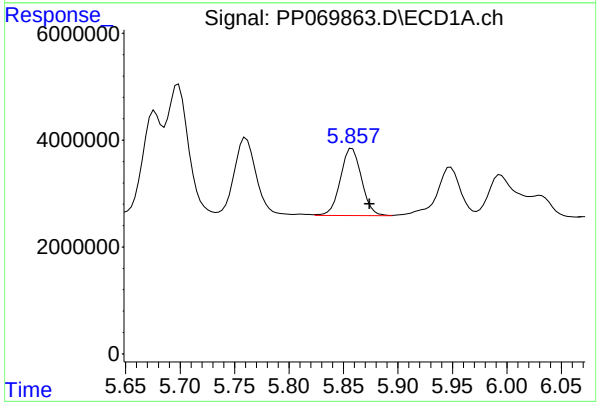
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



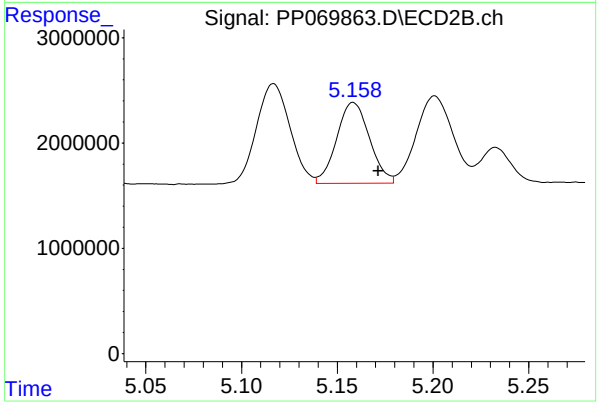
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.014 min
Response: 11550075
Conc: 464.16 ng/ml



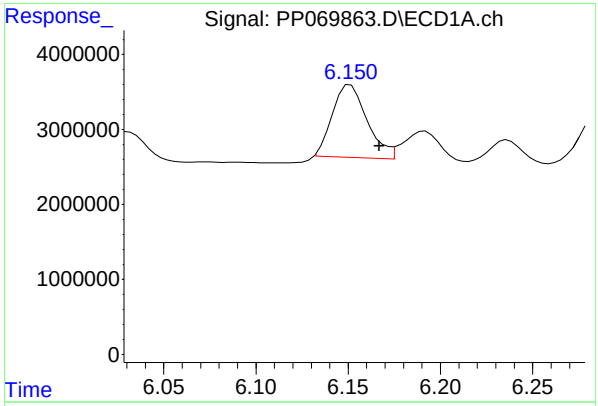
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: -0.016 min
Response: 16935542
Conc: 483.87 ng/ml



#6 AR-1016-4

R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 9156400
Conc: 453.37 ng/ml



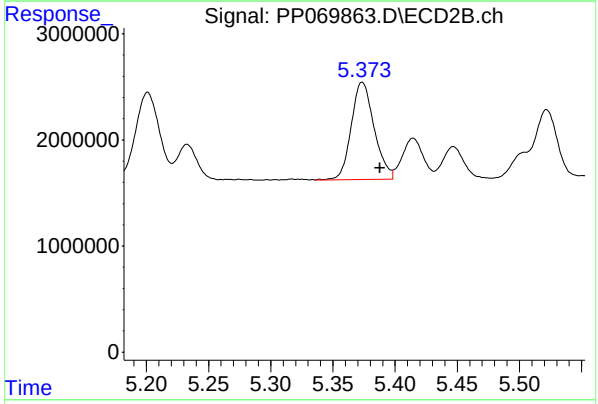
#7 AR-1016-5

R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 12662668
Conc: 383.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS

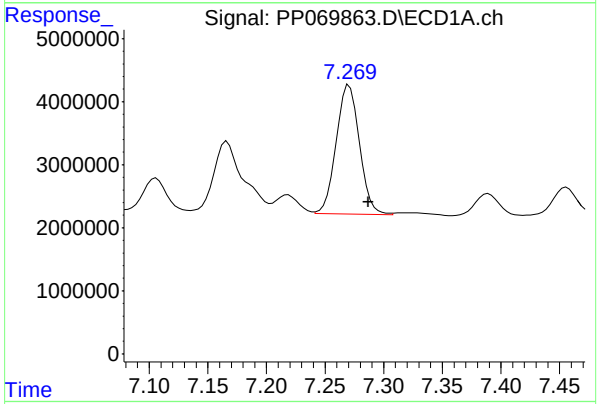
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



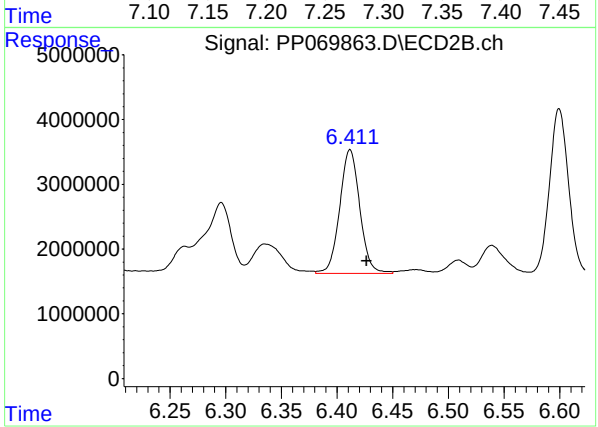
#7 AR-1016-5

R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 11741722
Conc: 437.73 ng/ml



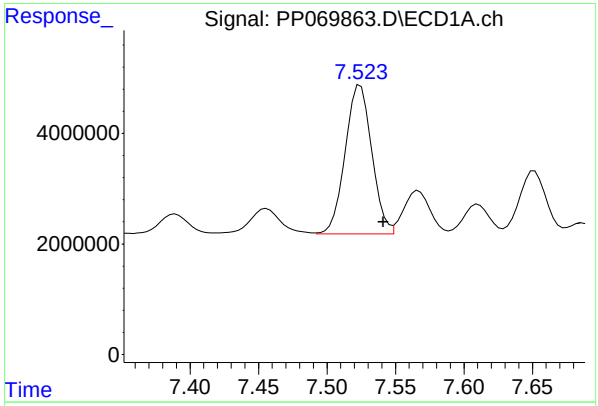
#31 AR-1260-1

R.T.: 7.271 min
Delta R.T.: -0.016 min
Response: 28340087
Conc: 484.97 ng/ml



#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 24022046
Conc: 498.08 ng/ml



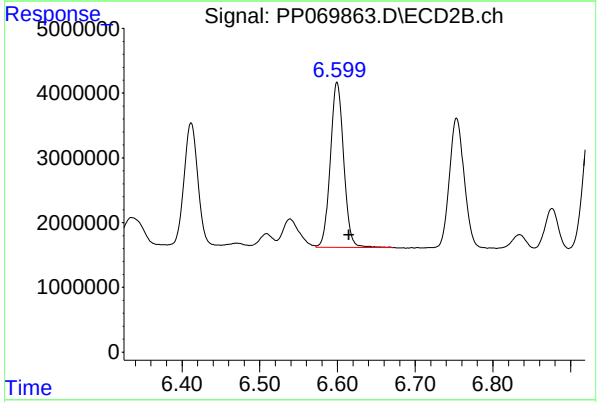
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: -0.017 mi
Response: 36465138
Conc: 468.63 ng/m

Instrument :
ECD_P
ClientSampleId :
PB166774BS

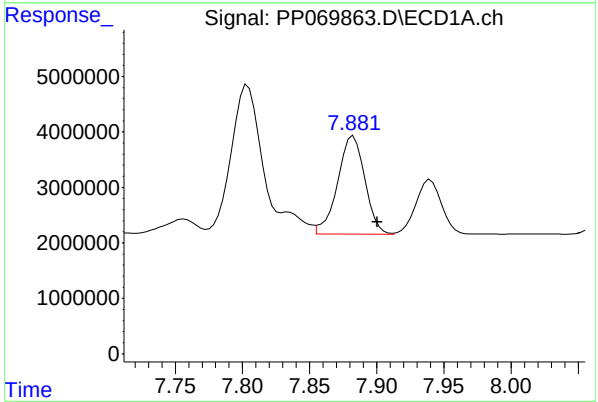
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



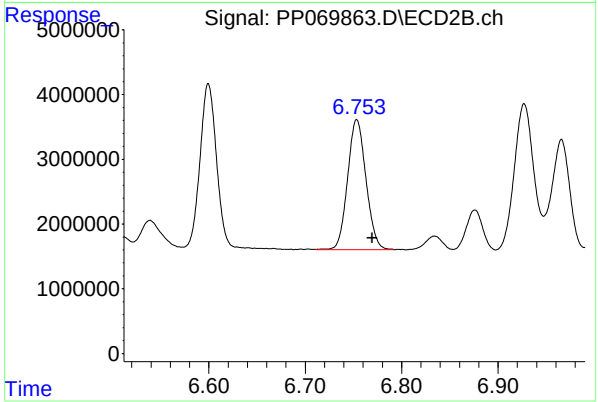
#32 AR-1260-2

R.T.: 6.599 min
Delta R.T.: -0.015 min
Response: 30469913
Conc: 497.03 ng/ml



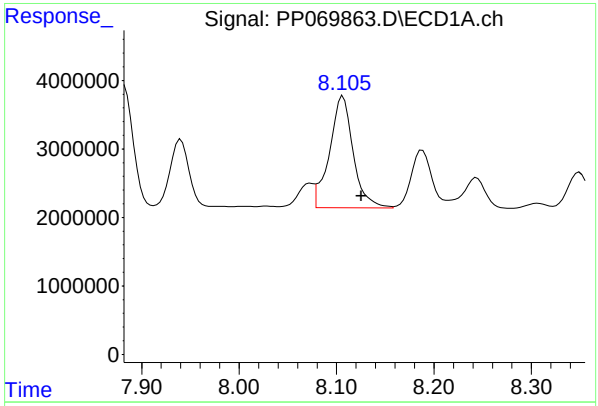
#33 AR-1260-3

R.T.: 7.883 min
Delta R.T.: -0.018 min
Response: 25110721
Conc: 401.65 ng/ml



#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 26475968
Conc: 440.12 ng/ml m



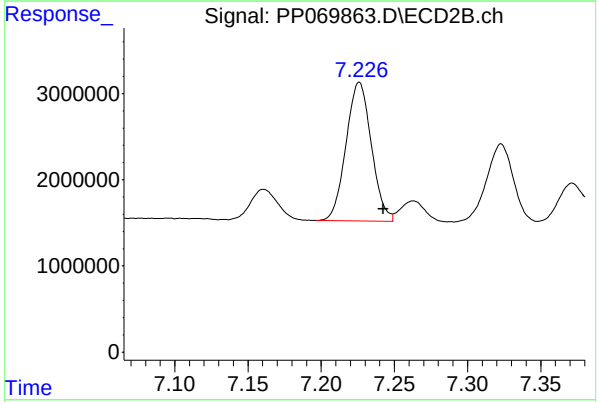
#34 AR-1260-4

R.T.: 8.107 min
Delta R.T.: -0.019 min
Response: 27405456
Conc: 415.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS

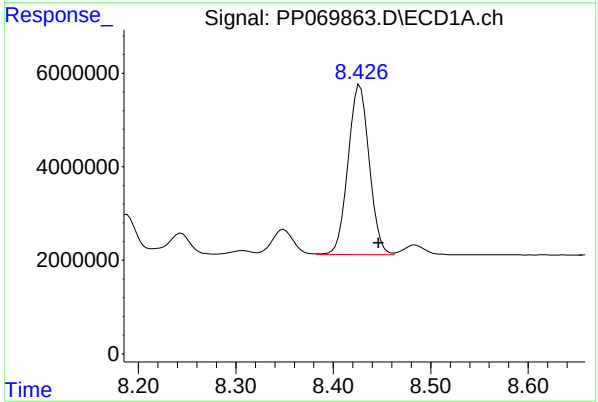
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



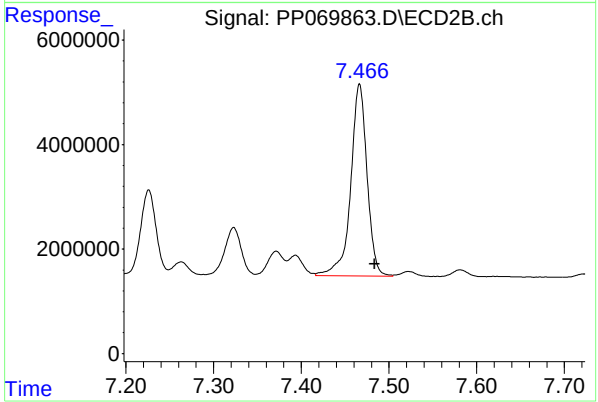
#34 AR-1260-4

R.T.: 7.226 min
Delta R.T.: -0.016 min
Response: 19368864
Conc: 416.82 ng/ml



#35 AR-1260-5

R.T.: 8.427 min
Delta R.T.: -0.020 min
Response: 54755742
Conc: 418.22 ng/ml



#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.017 min
Response: 47572584
Conc: 428.02 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-11-021725MS	SDG No.:	Q1383
Lab Sample ID:	Q1383-01MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.6 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069866.D	1	02/19/25 09:40	02/19/25 23:00	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	191		3.70	9.00	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	9.00	U	3.70	9.00	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	91.5		2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	9.00	U	4.90	9.00	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	177		3.10	9.00	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	25.5		44 - 130		127%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		60 - 125		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_P\Data\PP021925\
Data File : PP069866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 23:00
Operator : YP\AJ
Sample : Q1383-01MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:30:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.521	3.829	36474810	21746473	25.480m	24.365m
2)	SA Decachlor...	10.248	8.888	22392144	22680923	20.489	20.278
	Target Compounds						
3)	L1 AR-1016-1	5.674	4.919	28639416	15028272	618.121m	460.778m#
4)	L1 AR-1016-2	5.697	4.939	35786202	21611449	527.220	480.699
5)	L1 AR-1016-3	5.760	5.117	21692342	12489769	509.251	501.920
6)	L1 AR-1016-4	5.857	5.158	18590336	9861989	531.145	488.307
7)	L1 AR-1016-5	6.149	5.373	15755281	12615528	476.587m	470.309
26)	L6 AR-1254-1	6.524	5.727	13753047	10584021	237.680m	192.242
27)	L6 AR-1254-2	6.741	5.875	14320842	10920602	178.471	225.778 #
28)	L6 AR-1254-3	7.104	6.296	7175098	15830479	85.126	208.581m#
29)	L6 AR-1254-4	7.387	6.539	5230198	7131082	76.703	139.144 #
30)	L6 AR-1254-5	7.801	6.927	42448935	33704013	623.826m	506.367
31)	L7 AR-1260-1	7.269	6.411	28830840	26134221	493.372	541.872
32)	L7 AR-1260-2	7.523	6.599	38015259	32788627	488.547	534.856
33)	L7 AR-1260-3	7.881	6.753	25822098	28300835	413.026	470.454m
34)	L7 AR-1260-4	8.104	7.225	28700834	20885158	435.014m	449.455
35)	L7 AR-1260-5	8.426	7.466	56299064	52081009	430.007	468.586

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 23:00
Operator : YP\AJ
Sample : Q1383-01MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

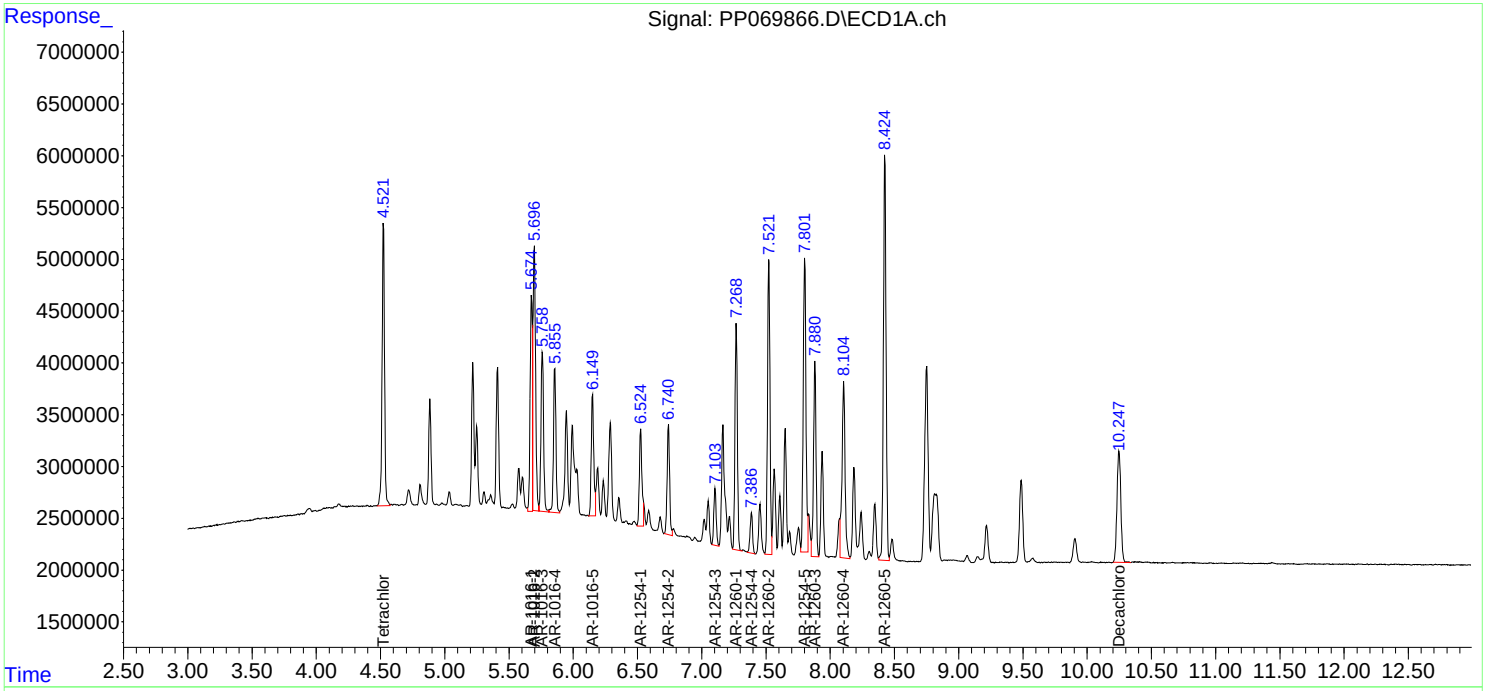
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS

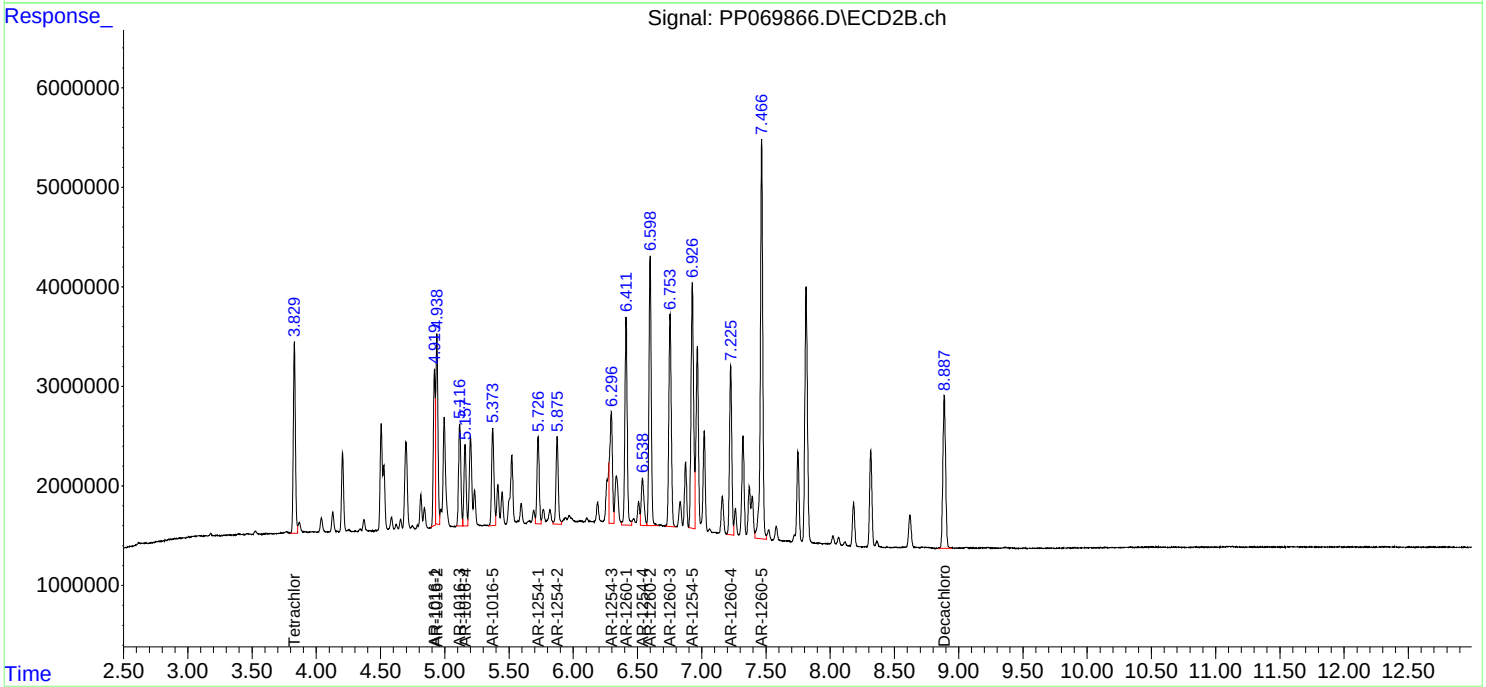
Manual Integrations APPROVED

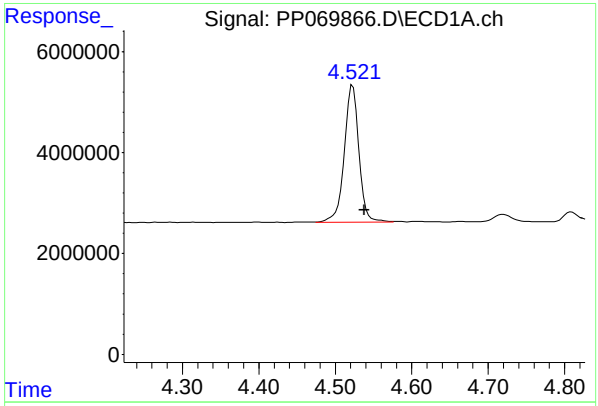
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:30:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







#1 Tetrachloro-m-xylene

R.T.: 4.521 min
Delta R.T.: -0.017 min
Response: 36474810
Conc: 25.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS

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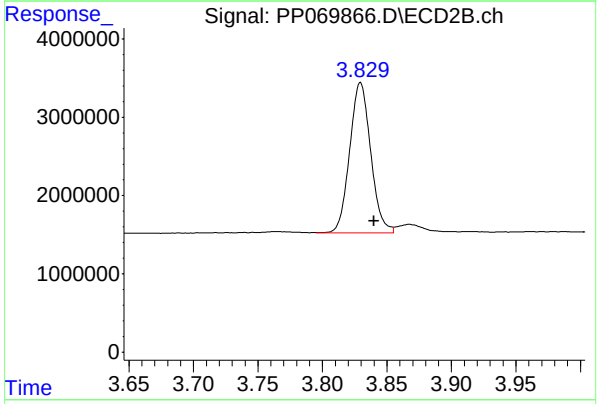
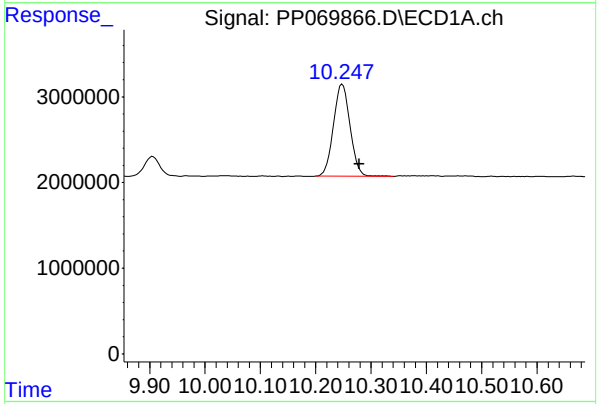


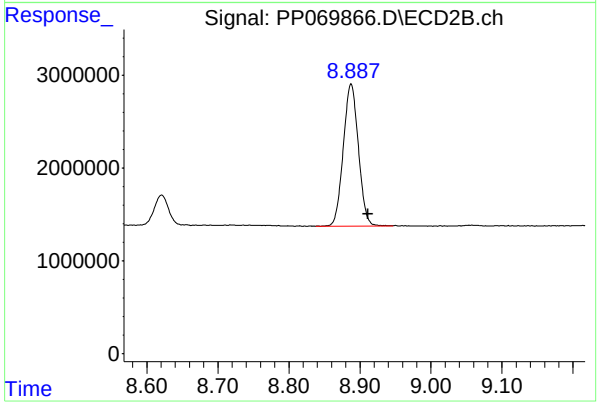
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 21746473
Conc: 24.36 ng/ml m



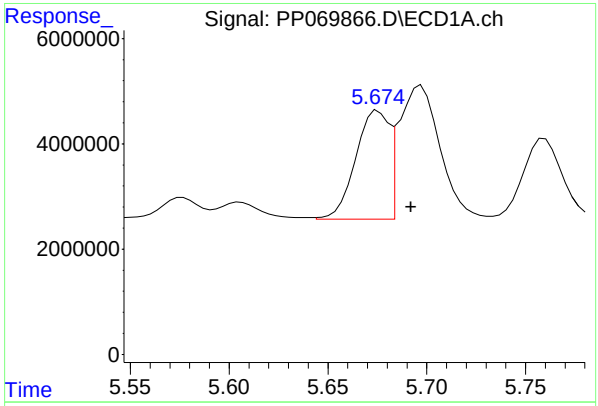
#2 Decachlorobiphenyl

R.T.: 10.248 min
Delta R.T.: -0.030 min
Response: 22392144
Conc: 20.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.888 min
Delta R.T.: -0.024 min
Response: 22680923
Conc: 20.28 ng/ml



#3 AR-1016-1

R.T.: 5.674 min
Delta R.T.: -0.018 mi
Response: 28639416
Conc: 618.12 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS

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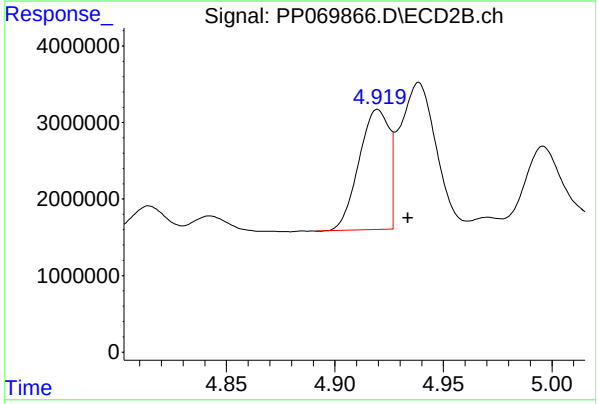
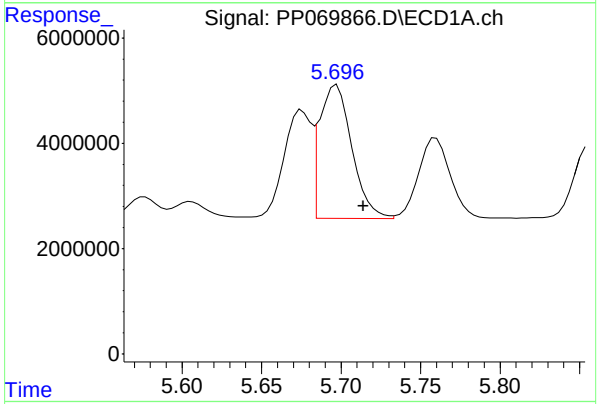


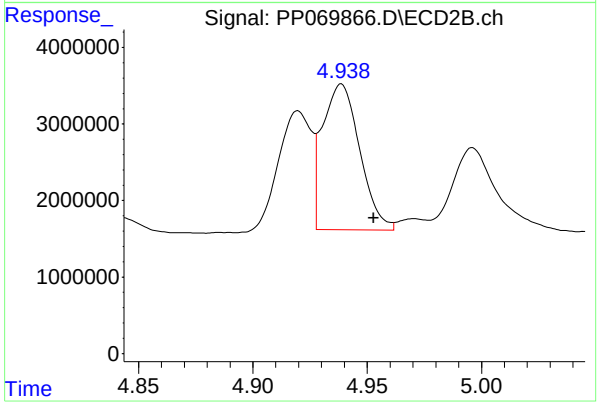
#3 AR-1016-1

R.T.: 4.919 min
Delta R.T.: -0.014 min
Response: 15028272
Conc: 460.78 ng/ml m



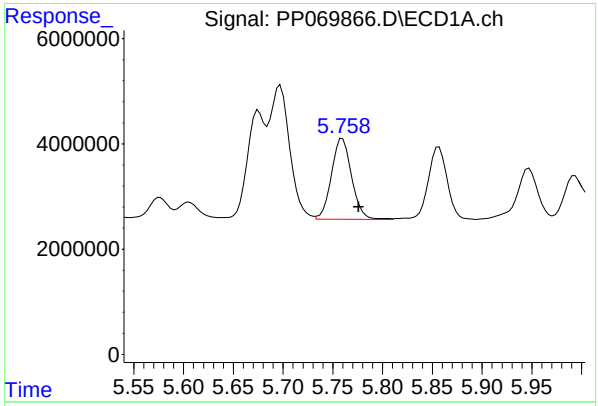
#4 AR-1016-2

R.T.: 5.697 min
Delta R.T.: -0.017 min
Response: 35786202
Conc: 527.22 ng/ml



#4 AR-1016-2

R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 21611449
Conc: 480.70 ng/ml



#5 AR-1016-3

R.T.: 5.760 min
Delta R.T.: -0.016 mi
Response: 21692342
Conc: 509.25 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS

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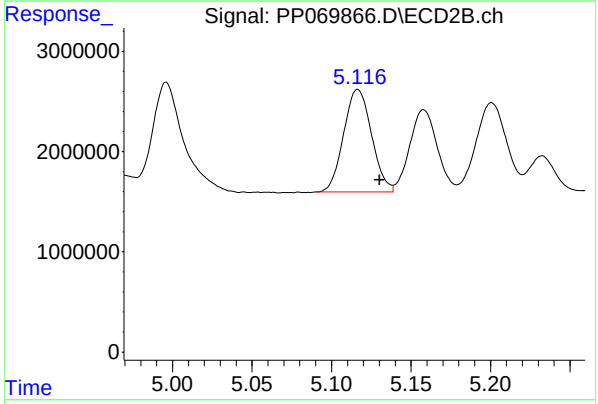
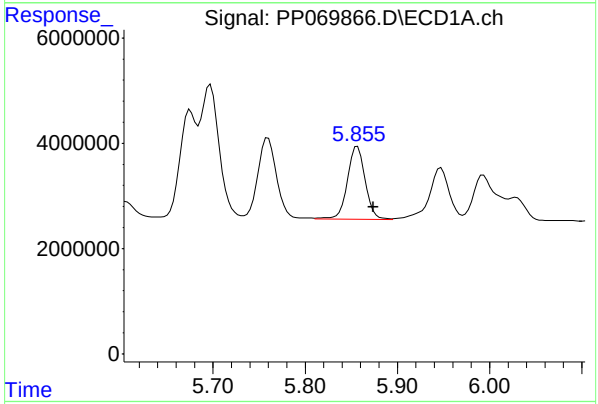


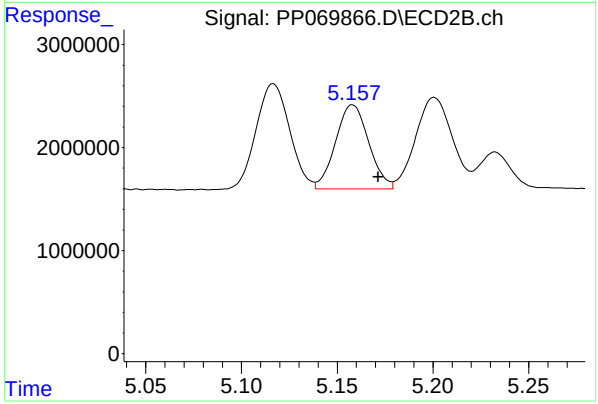
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.014 min
Response: 12489769
Conc: 501.92 ng/ml



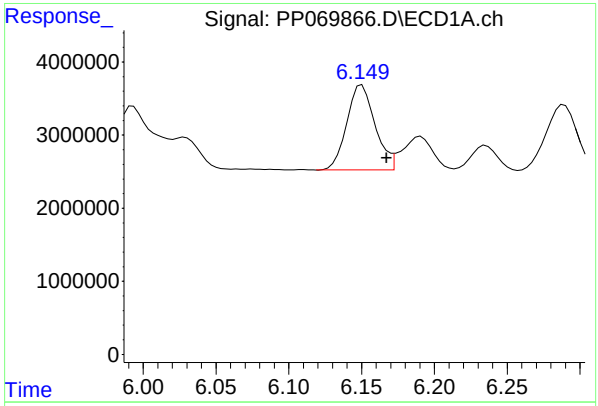
#6 AR-1016-4

R.T.: 5.857 min
Delta R.T.: -0.017 min
Response: 18590336
Conc: 531.15 ng/ml



#6 AR-1016-4

R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9861989
Conc: 488.31 ng/ml



#7 AR-1016-5

R.T.: 6.149 min
Delta R.T.: -0.018 mi
Response: 15755281
Conc: 476.59 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS

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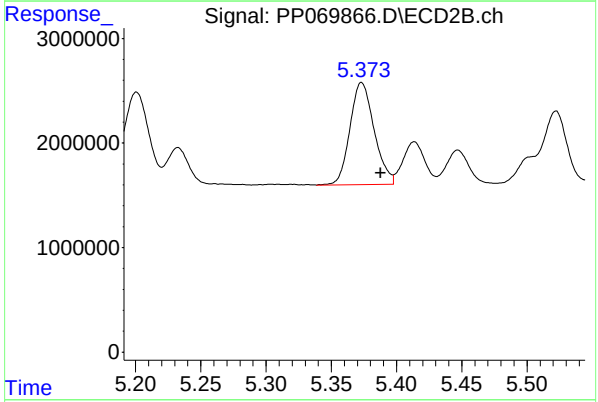
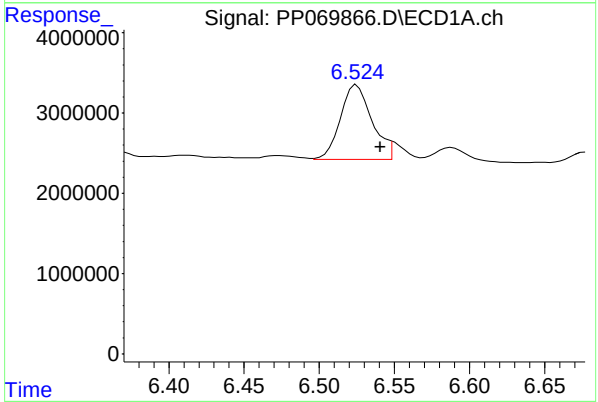
Supervised By :Ankita Jodhani 02/20/2025



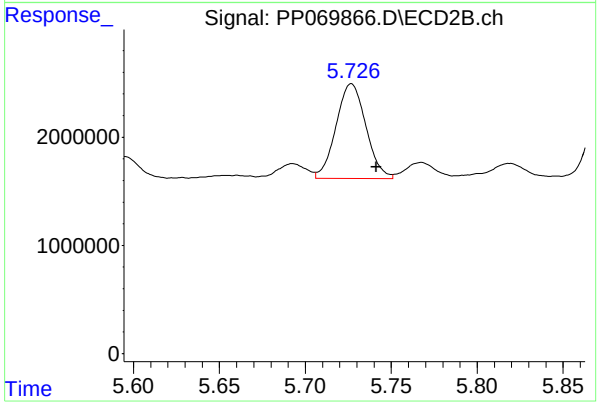
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 12615528
Conc: 470.31 ng/ml



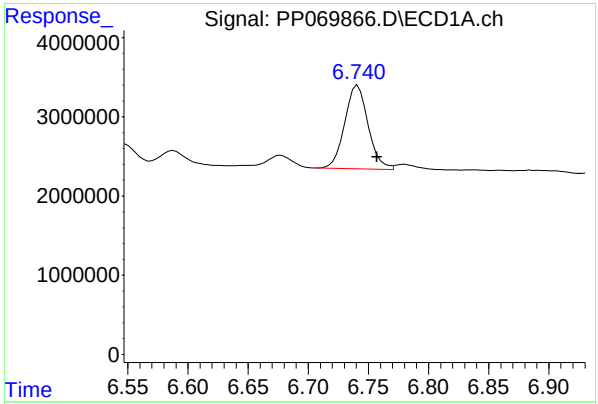
#26 AR-1254-1

R.T.: 6.524 min
Delta R.T.: -0.017 min
Response: 13753047
Conc: 237.68 ng/ml m



#26 AR-1254-1

R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 10584021
Conc: 192.24 ng/ml



#27 AR-1254-2

R.T.: 6.741 min
Delta R.T.: -0.016 min
Response: 14320842
Conc: 178.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS

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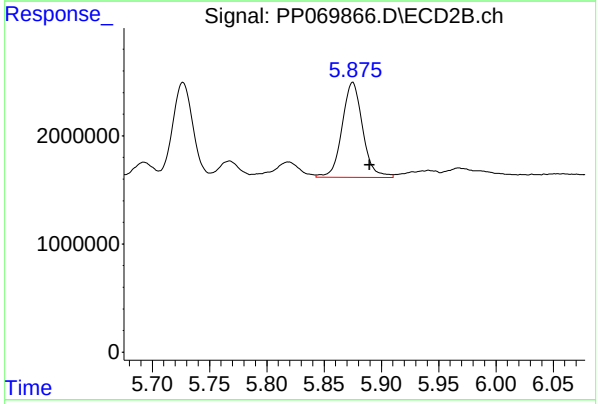
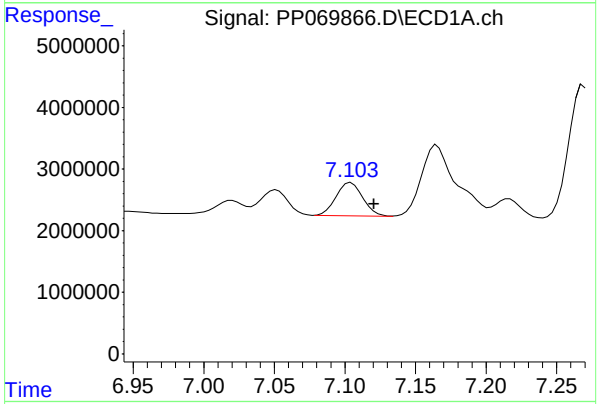


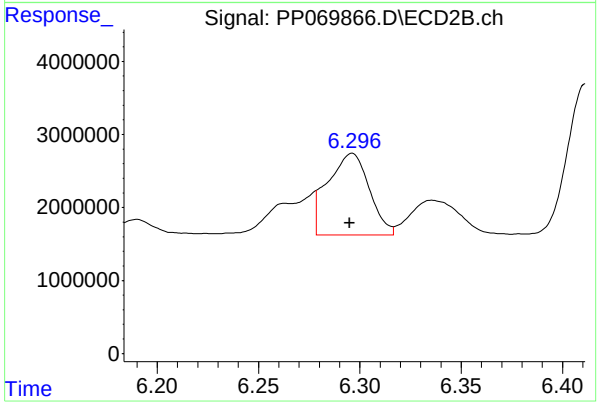
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 10920602
Conc: 225.78 ng/ml



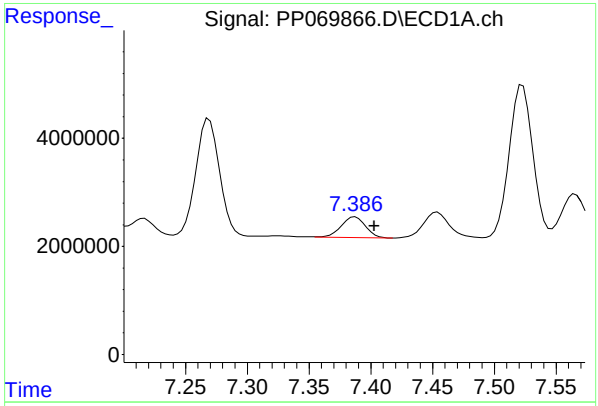
#28 AR-1254-3

R.T.: 7.104 min
Delta R.T.: -0.016 min
Response: 7175098
Conc: 85.13 ng/ml



#28 AR-1254-3

R.T.: 6.296 min
Delta R.T.: 0.001 min
Response: 15830479
Conc: 208.58 ng/ml m



#29 AR-1254-4

R.T.: 7.387 min
Delta R.T.: -0.015 min
Response: 5230198
Conc: 76.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS

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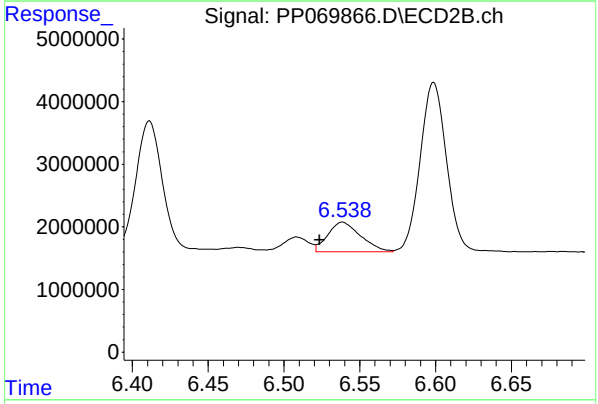
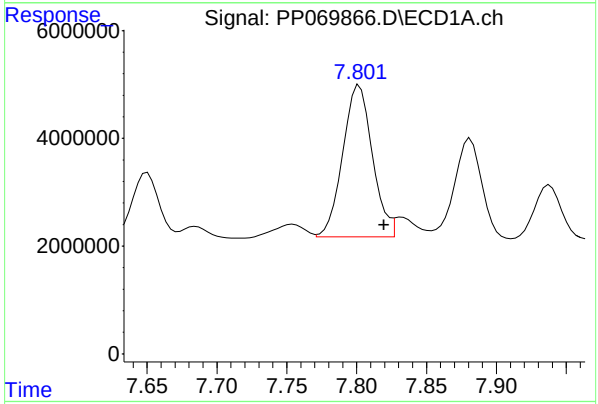


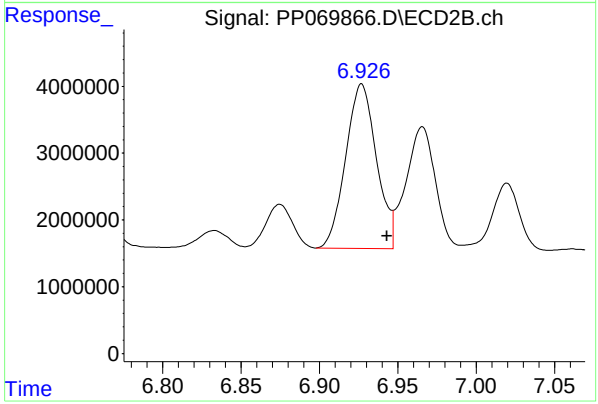
#29 AR-1254-4

R.T.: 6.539 min
Delta R.T.: 0.015 min
Response: 7131082
Conc: 139.14 ng/ml



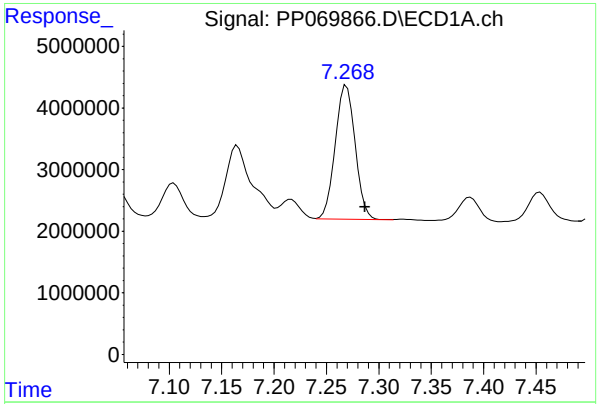
#30 AR-1254-5

R.T.: 7.801 min
Delta R.T.: -0.019 min
Response: 42448935
Conc: 623.83 ng/ml m



#30 AR-1254-5

R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 33704013
Conc: 506.37 ng/ml



#31 AR-1260-1

R.T.: 7.269 min
Delta R.T.: -0.018 min
Response: 28830840
Conc: 493.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS

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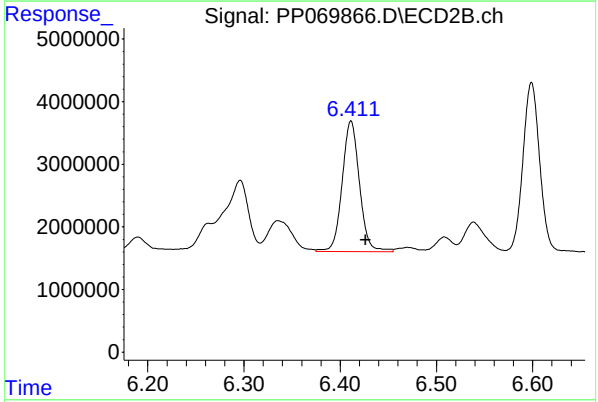
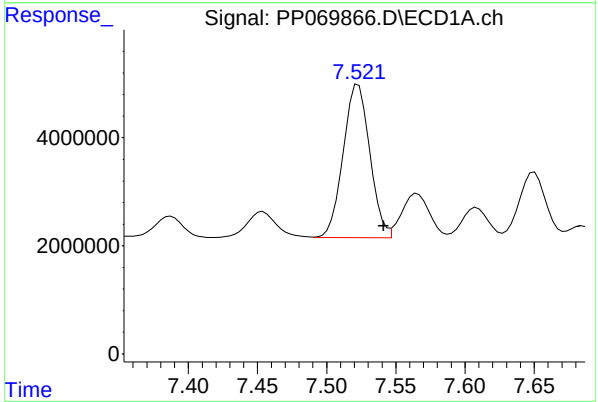


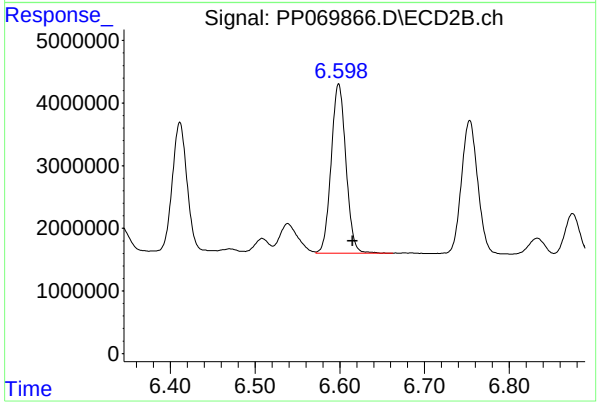
#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.015 min
Response: 26134221
Conc: 541.87 ng/ml



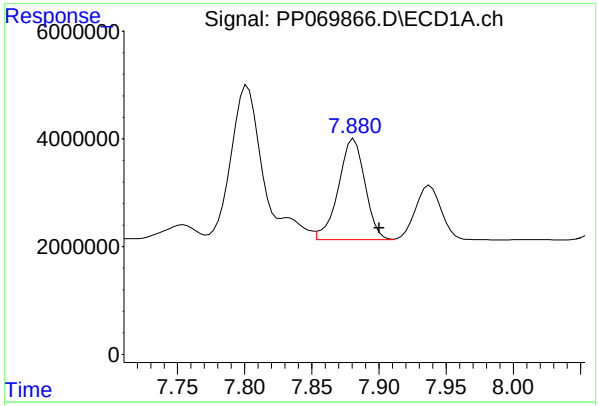
#32 AR-1260-2

R.T.: 7.523 min
Delta R.T.: -0.018 min
Response: 38015259
Conc: 488.55 ng/ml



#32 AR-1260-2

R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 32788627
Conc: 534.86 ng/ml



#33 AR-1260-3

R.T.: 7.881 min
Delta R.T.: -0.019 min
Response: 25822098
Conc: 413.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS

Manual Integrations APPROVED

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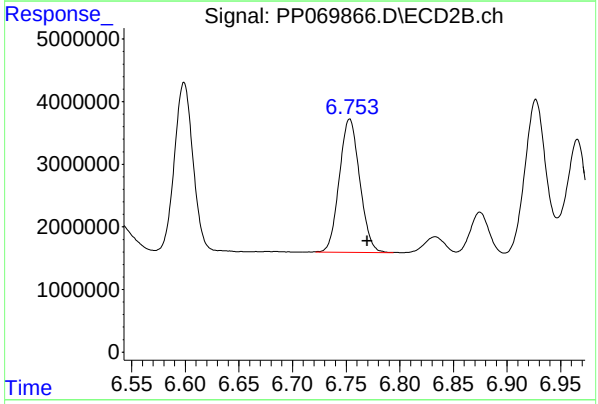
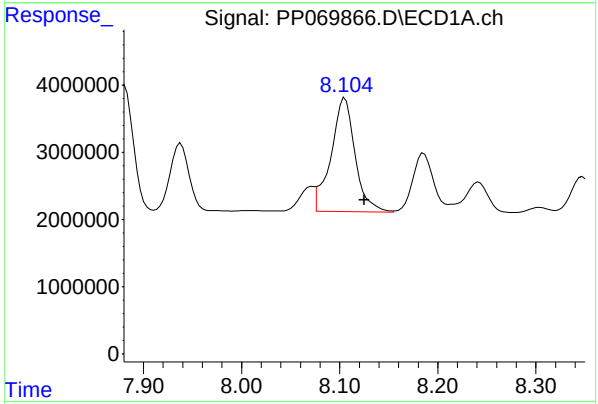
Supervised By :Ankita Jodhani 02/20/2025



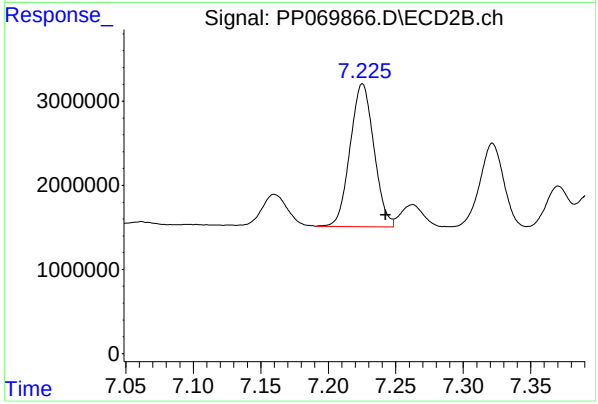
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 28300835
Conc: 470.45 ng/ml m



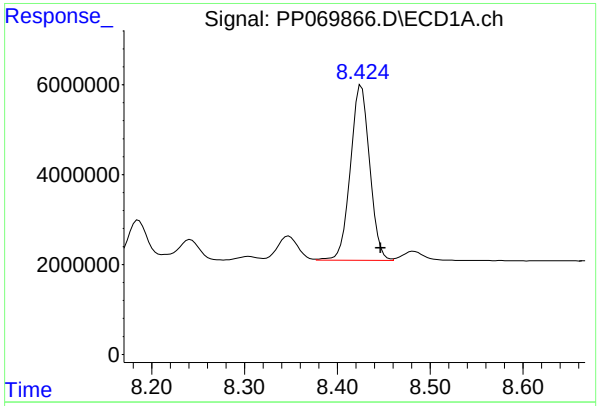
#34 AR-1260-4

R.T.: 8.104 min
Delta R.T.: -0.021 min
Response: 28700834
Conc: 435.01 ng/ml m



#34 AR-1260-4

R.T.: 7.225 min
Delta R.T.: -0.017 min
Response: 20885158
Conc: 449.46 ng/ml



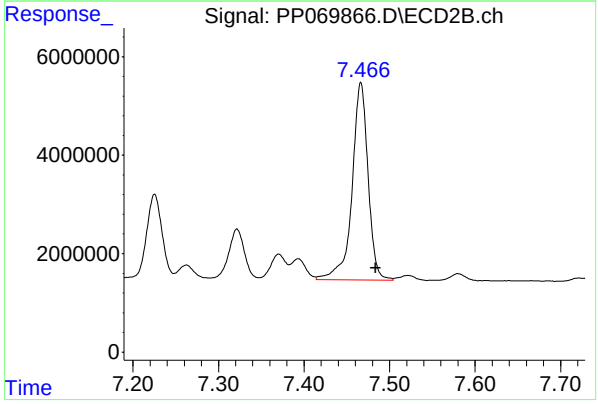
#35 AR-1260-5

R.T.: 8.426 min
Delta R.T.: -0.021 min
Response: 56299064
Conc: 430.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.017 min
Response: 52081009
Conc: 468.59 ng/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Nobis Group	Date Collected:	02/17/25
Project:	Raymark Superfund Site	Date Received:	02/18/25
Client Sample ID:	OU4-PCS-TC-11-021725MSD	SDG No.:	Q1383
Lab Sample ID:	Q1383-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.6 Decanted:
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP069867.D	1	02/19/25 09:40	02/19/25 23:16	PB166774

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	175		3.70	8.90	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	6.90	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	14.0	U	3.70	14.0	18.3	ug/kg
53469-21-9	Aroclor-1242	8.90	U	3.70	8.90	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	8.50	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	82.3		2.90	14.0	18.3	ug/kg
37324-23-5	Aroclor-1262	8.90	U	4.90	8.90	18.3	ug/kg
11100-14-4	Aroclor-1268	14.0	U	3.70	14.0	18.3	ug/kg
11096-82-5	Aroclor-1260	164		3.10	8.90	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	26.7	*	44 - 130		134%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.4		60 - 125		107%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 23:16
Operator : YP\AJ
Sample : Q1383-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:30:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.525	3.830	38274053	21967969	26.737m	24.613m
2)	SA Decachlor...	10.251	8.887	23348099	23813366	21.363	21.291
	Target Compounds						
3)	L1 AR-1016-1	5.677	4.920	24406517	13764673	526.763m	422.035m
4)	L1 AR-1016-2	5.700	4.939	33804377	20600404	498.023	458.210
5)	L1 AR-1016-3	5.763	5.117	20246471	11640390	475.307	467.786
6)	L1 AR-1016-4	5.860	5.158	17419228	9228852	497.686	456.958
7)	L1 AR-1016-5	6.153	5.374	14531013	11776407	439.554	439.027
26)	L6 AR-1254-1	6.526	5.727	12073976	9806280	208.662m	178.115
27)	L6 AR-1254-2	6.744	5.875	13172728	9958016	164.163	205.877 #
28)	L6 AR-1254-3	7.108	6.296	6665190	17932329	79.076	236.275 #
29)	L6 AR-1254-4	7.392	6.508	5019570	2476140	73.614	48.315 #
30)	L6 AR-1254-5	7.806	6.927	39975367	31806805	587.474	477.863
31)	L7 AR-1260-1	7.273	6.411	26665879	23841527	456.324	494.335
32)	L7 AR-1260-2	7.526	6.599	35079268	30024592	450.816	489.768
33)	L7 AR-1260-3	7.885	6.753	23939740	26564291	382.918	441.587m
34)	L7 AR-1260-4	8.108	7.226	28097871	19419626	425.875m	417.917
35)	L7 AR-1260-5	8.430	7.466	52424522	49056468	400.414	441.373

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 23:16
Operator : YP\AJ
Sample : Q1383-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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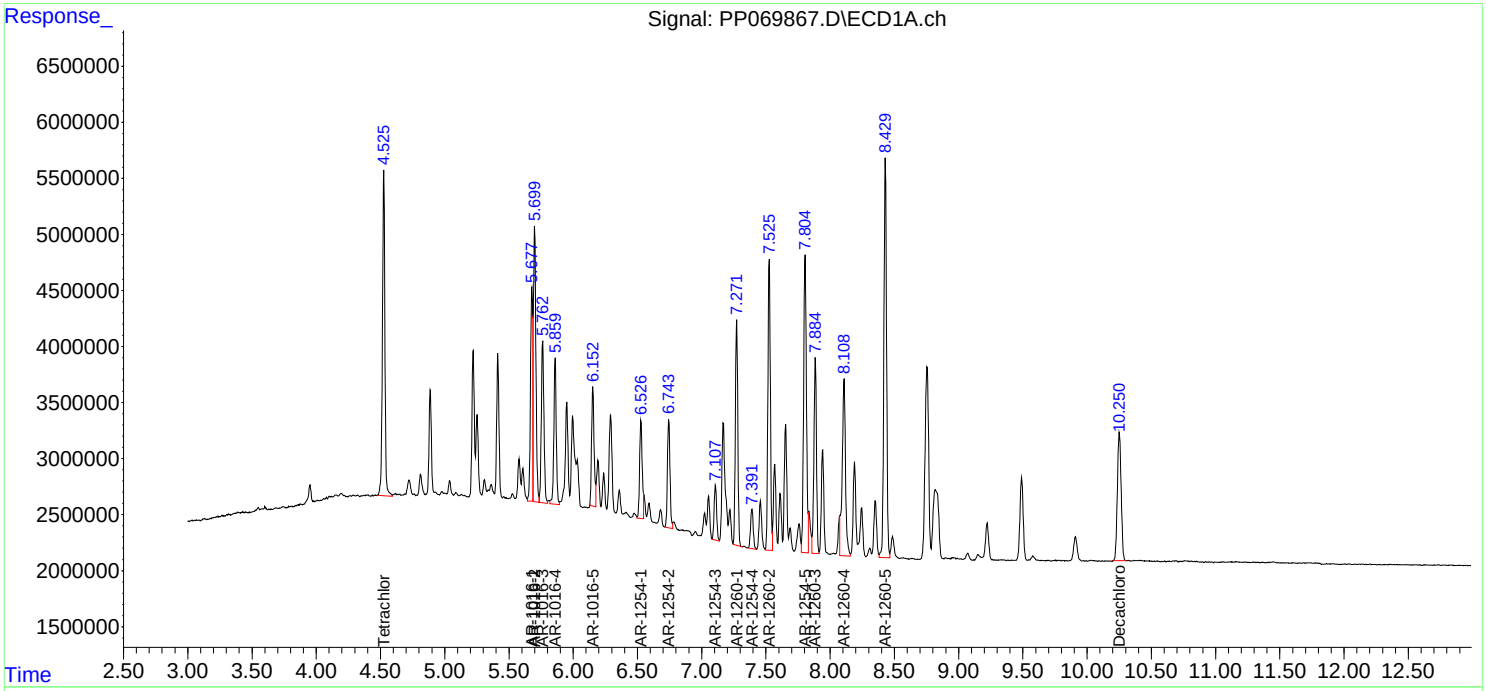
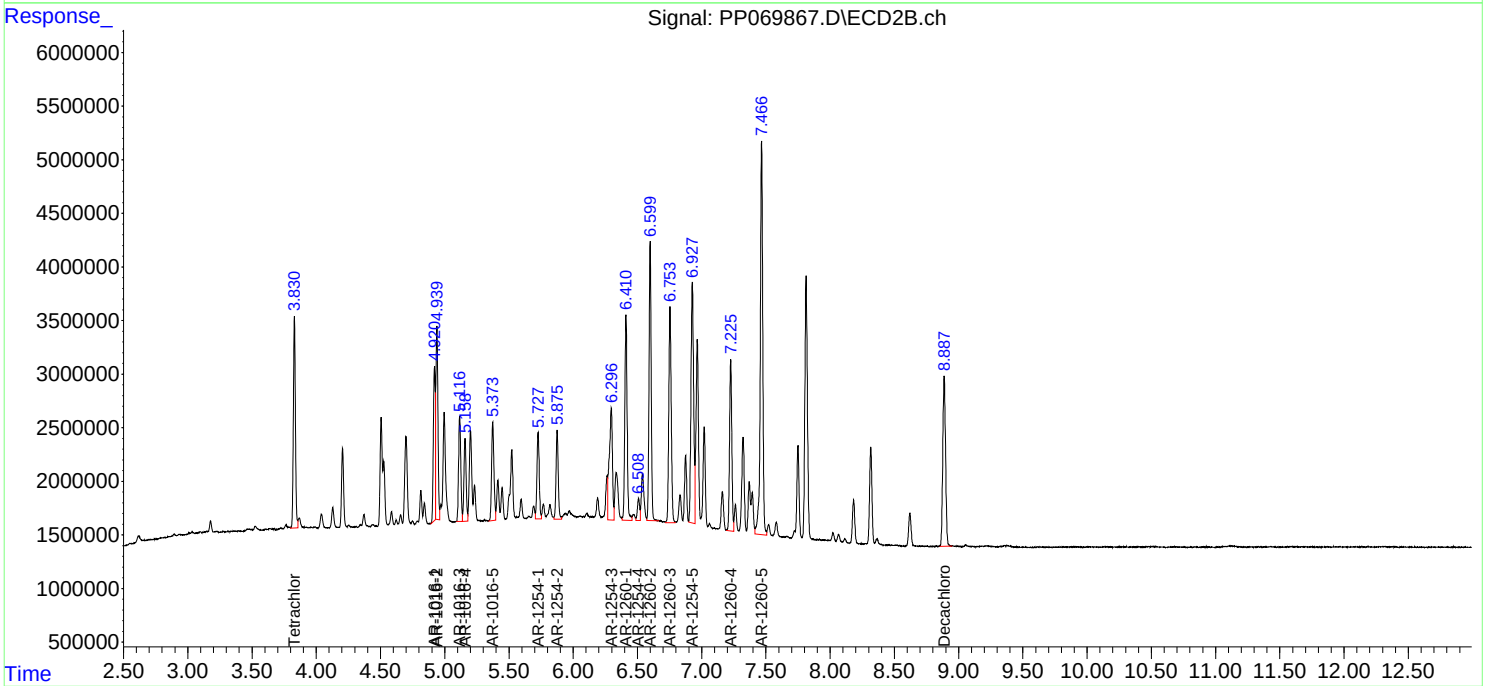
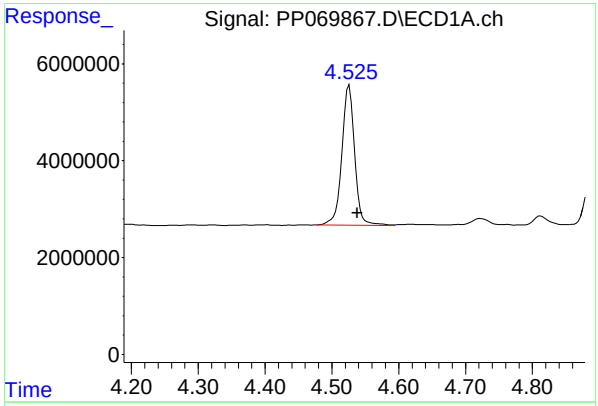
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 01:30:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm







#1 Tetrachloro-m-xylene

R.T.: 4.525 min
Delta R.T.: -0.013 mi
Response: 38274053
Conc: 26.74 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD

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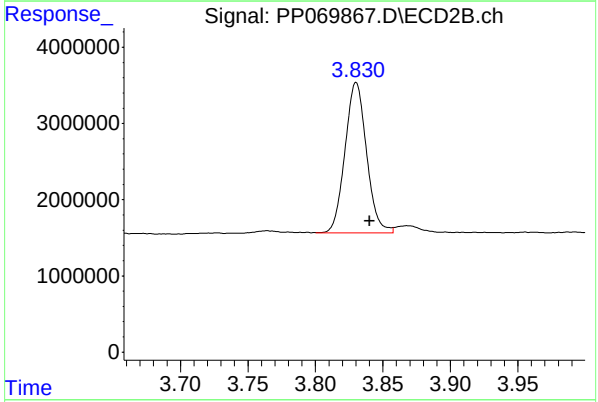
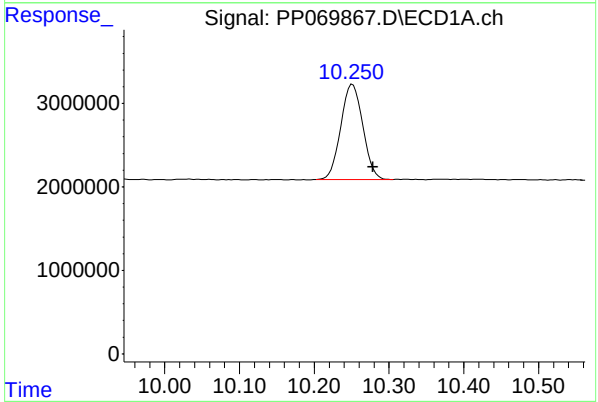


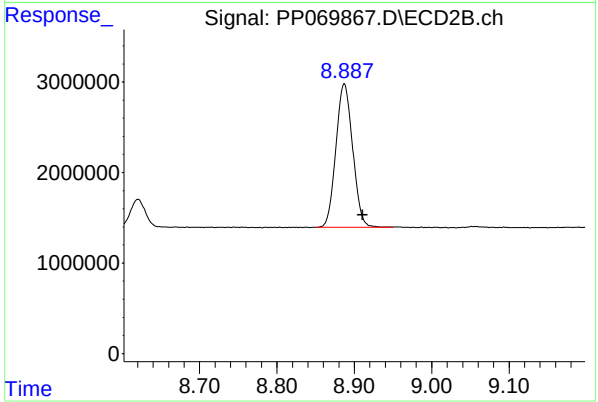
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 21967969
Conc: 24.61 ng/ml m



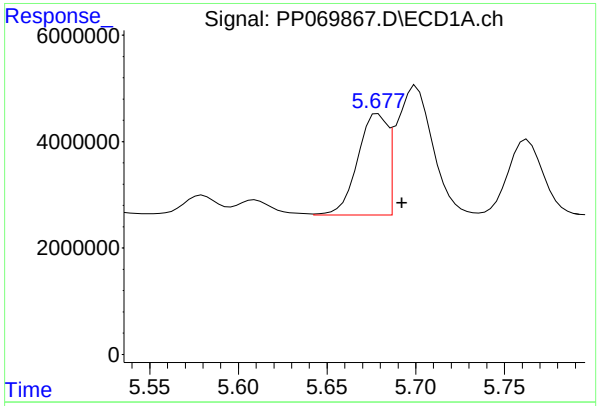
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.027 min
Response: 23348099
Conc: 21.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 23813366
Conc: 21.29 ng/ml



#3 AR-1016-1

R.T.: 5.677 min
Delta R.T.: -0.015 mi
Response: 24406517
Conc: 526.76 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD

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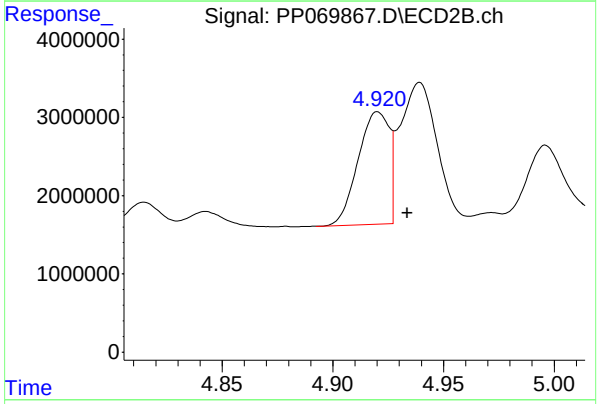
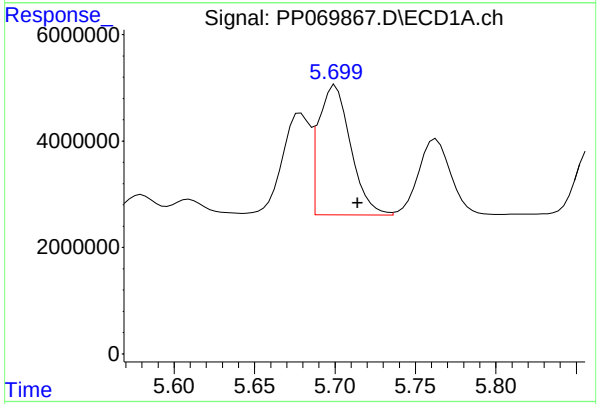


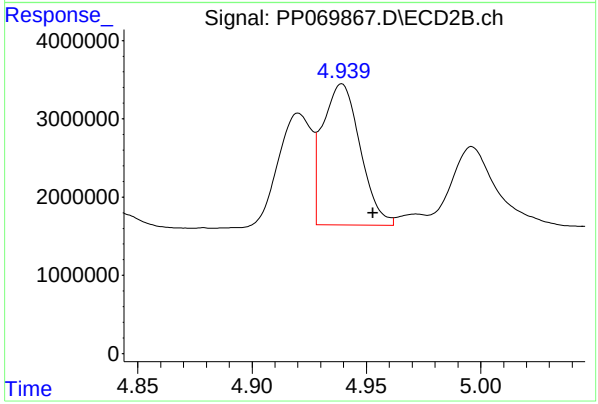
#3 AR-1016-1

R.T.: 4.920 min
Delta R.T.: -0.014 min
Response: 13764673
Conc: 422.03 ng/ml m



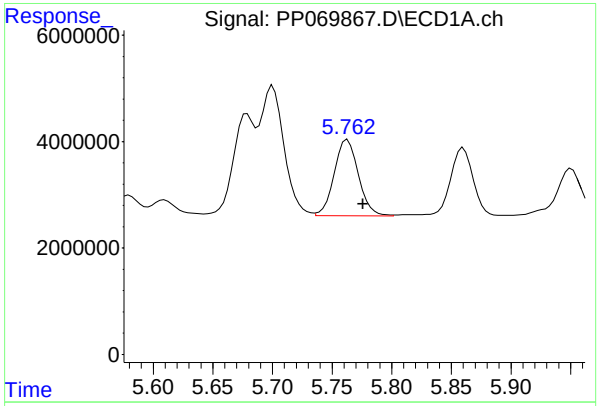
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 33804377
Conc: 498.02 ng/ml



#4 AR-1016-2

R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 20600404
Conc: 458.21 ng/ml



#5 AR-1016-3

R.T.: 5.763 min
Delta R.T.: -0.013 min
Response: 20246471
Conc: 475.31 ng/ml

Instrument :
ECD_P
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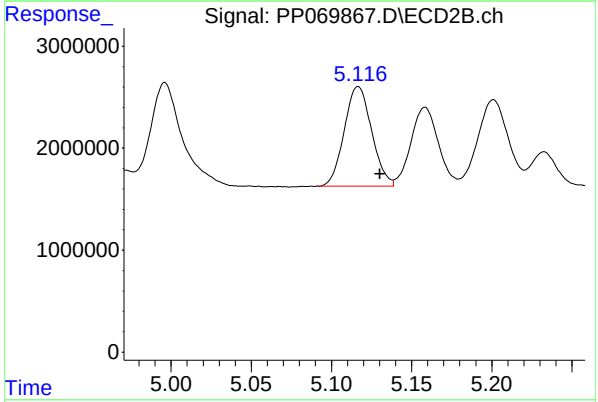
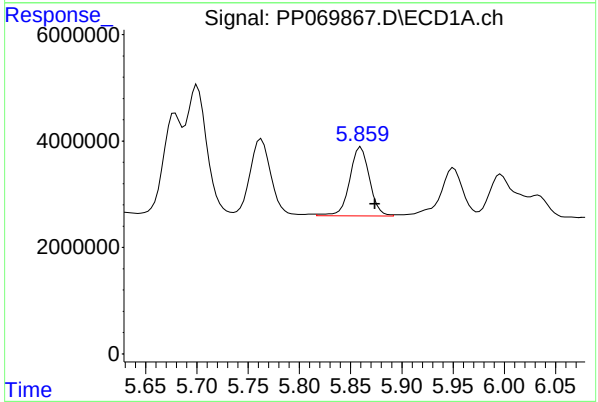


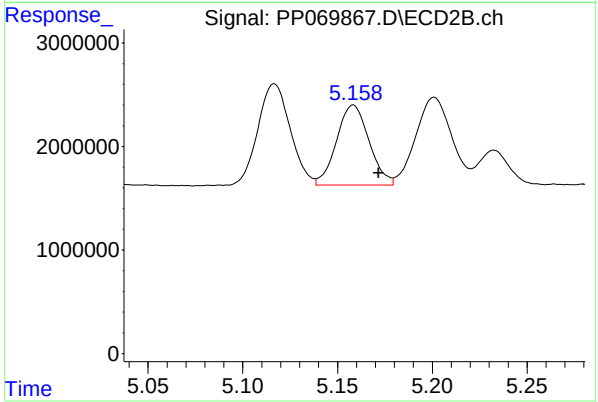
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.014 min
Response: 11640390
Conc: 467.79 ng/ml



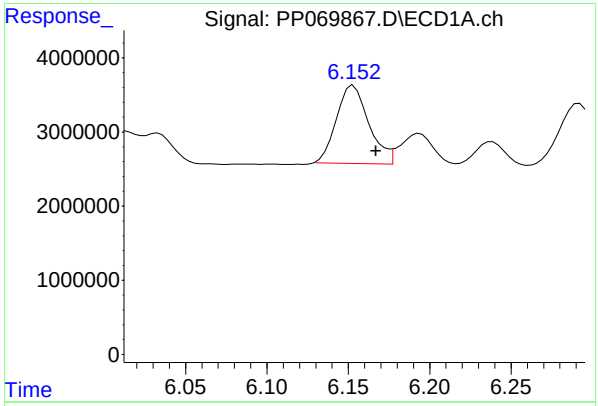
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.014 min
Response: 17419228
Conc: 497.69 ng/ml



#6 AR-1016-4

R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 9228852
Conc: 456.96 ng/ml



#7 AR-1016-5

R.T.: 6.153 min
Delta R.T.: -0.014 mi
Response: 14531013
Conc: 439.55 ng/m

Instrument :
ECD_P
ClientSampleId :
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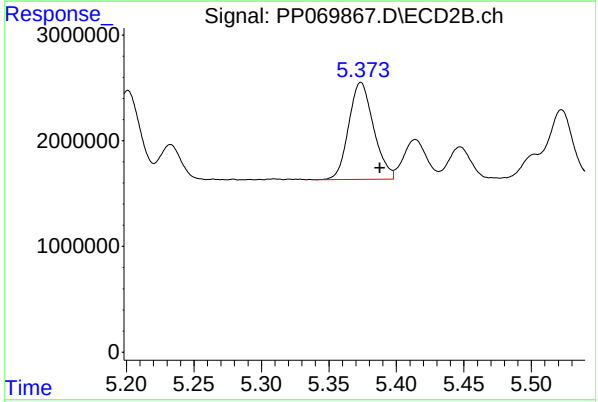
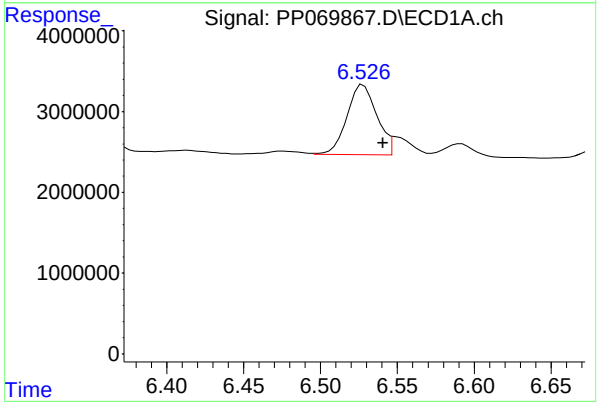


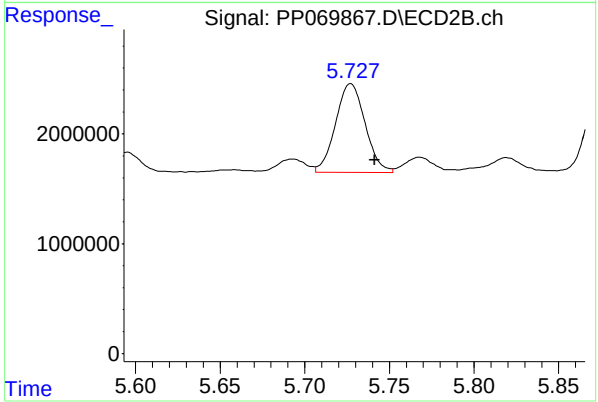
#7 AR-1016-5

R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 11776407
Conc: 439.03 ng/ml



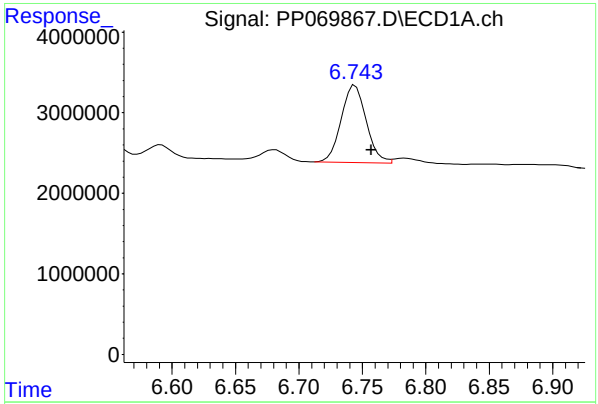
#26 AR-1254-1

R.T.: 6.526 min
Delta R.T.: -0.014 min
Response: 12073976
Conc: 208.66 ng/ml m



#26 AR-1254-1

R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 9806280
Conc: 178.12 ng/ml



#27 AR-1254-2

R.T.: 6.744 min
Delta R.T.: -0.013 min
Response: 13172728
Conc: 164.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
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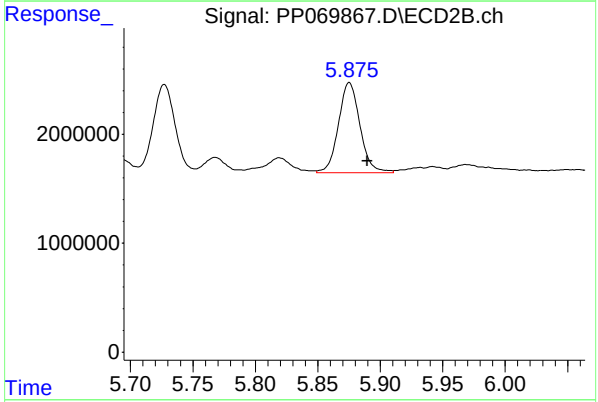
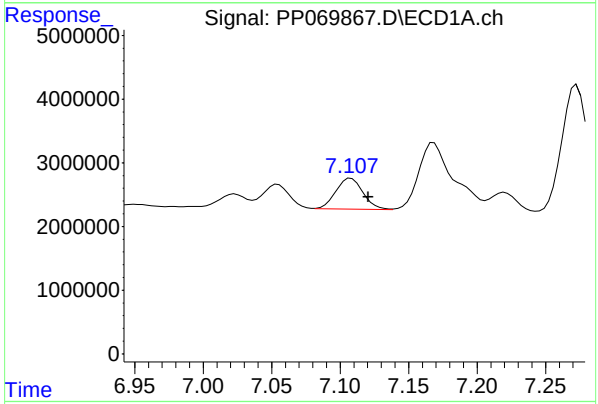


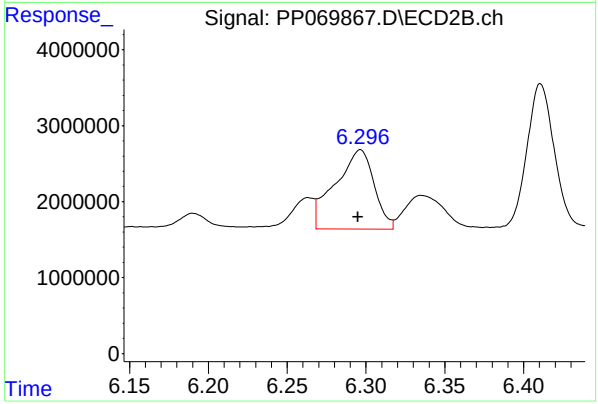
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 9958016
Conc: 205.88 ng/ml



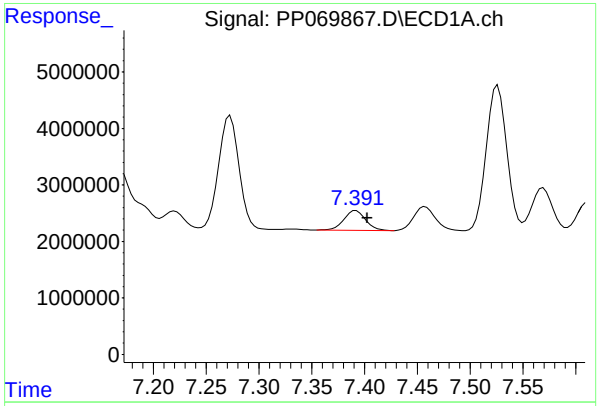
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: -0.013 min
Response: 6665190
Conc: 79.08 ng/ml



#28 AR-1254-3

R.T.: 6.296 min
Delta R.T.: 0.002 min
Response: 17932329
Conc: 236.27 ng/ml



#29 AR-1254-4

R.T.: 7.392 min
Delta R.T.: -0.011 min
Response: 5019570
Conc: 73.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
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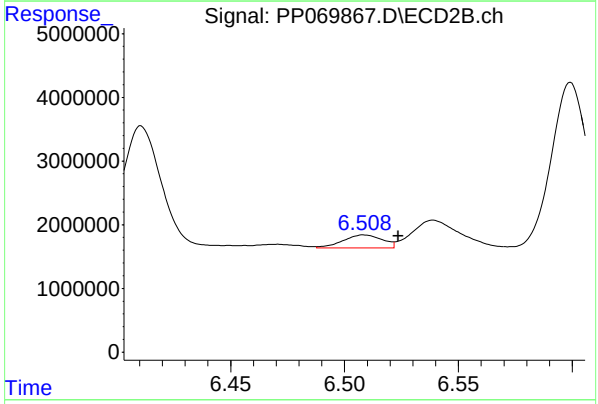
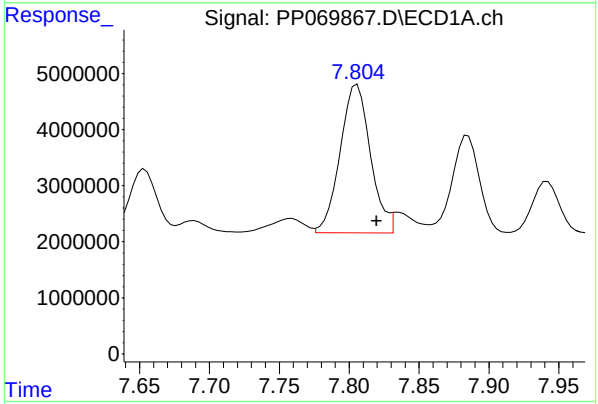


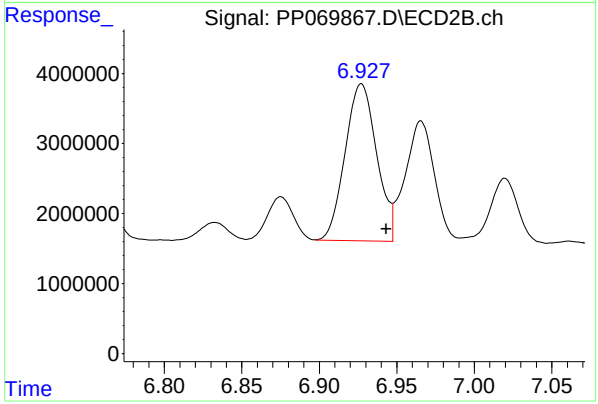
#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 2476140
Conc: 48.32 ng/ml



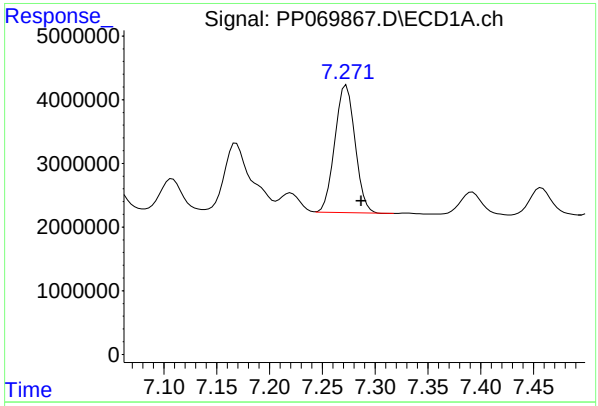
#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.014 min
Response: 39975367
Conc: 587.47 ng/ml



#30 AR-1254-5

R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 31806805
Conc: 477.86 ng/ml



#31 AR-1260-1

R.T.: 7.273 min
Delta R.T.: -0.014 min
Response: 26665879
Conc: 456.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD

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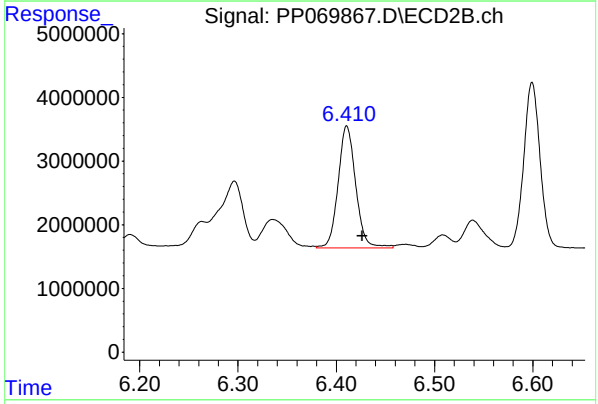
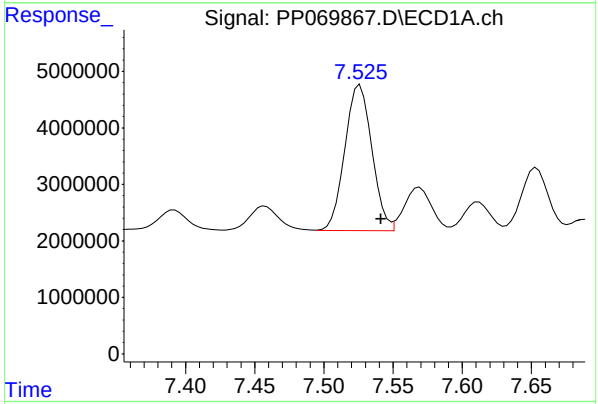
Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



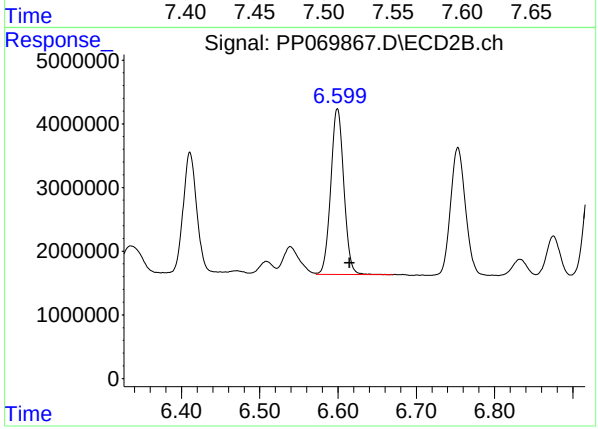
#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.016 min
Response: 23841527
Conc: 494.33 ng/ml



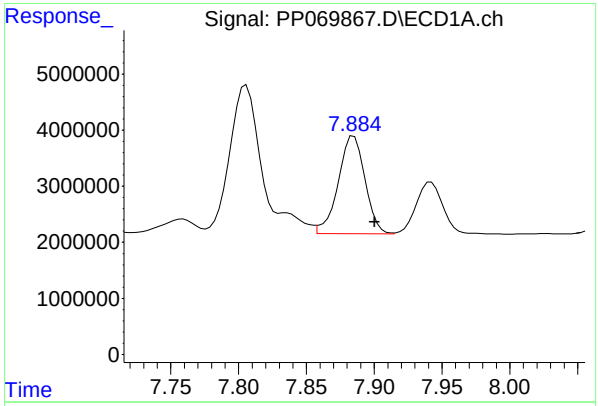
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.015 min
Response: 35079268
Conc: 450.82 ng/ml



#32 AR-1260-2

R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 30024592
Conc: 489.77 ng/ml



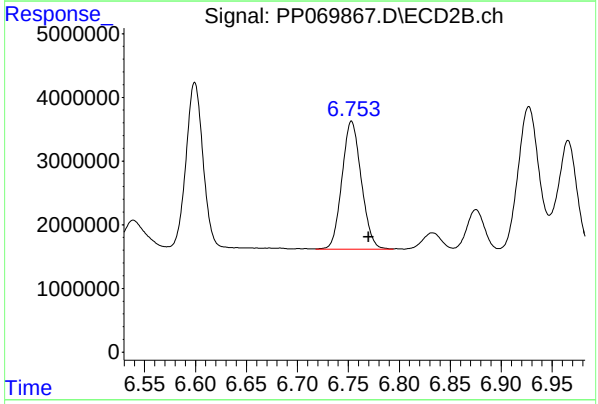
#33 AR-1260-3

R.T.: 7.885 min
Delta R.T.: -0.015 min
Response: 23939740
Conc: 382.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD

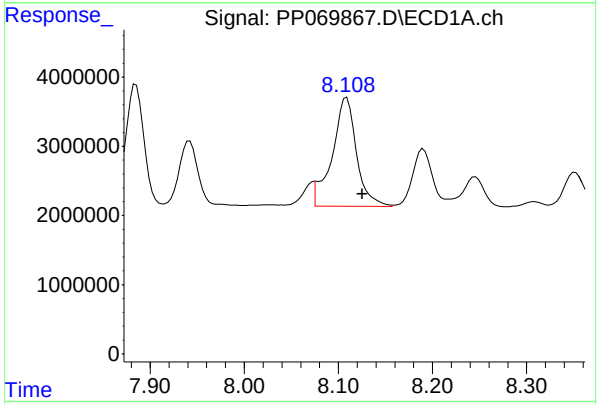
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



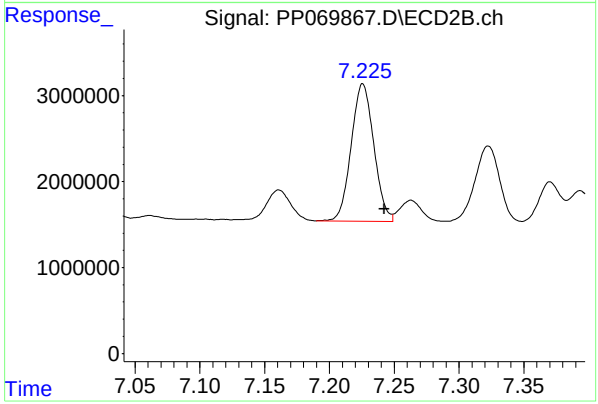
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 26564291
Conc: 441.59 ng/ml m



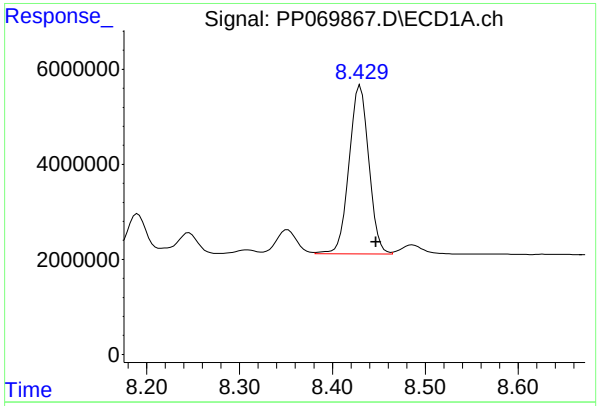
#34 AR-1260-4

R.T.: 8.108 min
Delta R.T.: -0.018 min
Response: 28097871
Conc: 425.88 ng/ml m



#34 AR-1260-4

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 19419626
Conc: 417.92 ng/ml



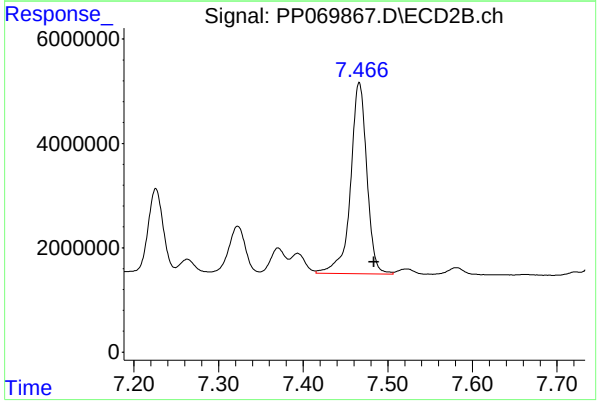
#35 AR-1260-5

R.T.: 8.430 min
Delta R.T.: -0.017 min
Response: 52424522
Conc: 400.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 02/20/2025
Supervised By :Ankita Jodhani 02/20/2025



#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.017 min
Response: 49056468
Conc: 441.37 ng/ml

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Manual Integration Report

Sequence:	PP012825	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC1000	PP069265.D	Tetrachloro-m-xylene #2	yogesh	1/29/2025 8:01:08 AM	Ankita	1/29/2025 12:56:48	Peak Integrated by Software
AR1248ICC250	PP069280.D	AR-1248-4	yogesh	1/29/2025 8:01:09 AM	Ankita	1/29/2025 12:56:49	Peak Integrated by Software
AR1248ICC250	PP069280.D	AR-1248-5	yogesh	1/29/2025 8:01:09 AM	Ankita	1/29/2025 12:56:49	Peak Integrated by Software
AR1254ICC050	PP069286.D	AR-1254-1	yogesh	1/29/2025 8:01:10 AM	Ankita	1/29/2025 12:56:50	Peak Integrated by Software
AR1254ICC050	PP069286.D	Tetrachloro-m-xylene	yogesh	1/29/2025 8:01:10 AM	Ankita	1/29/2025 12:56:50	Peak Integrated by Software
AR1268ICC050	PP069292.D	Tetrachloro-m-xylene	yogesh	1/29/2025 8:01:12 AM	Ankita	1/29/2025 12:56:52	Peak Integrated by Software
AR1268ICC050	PP069292.D	Tetrachloro-m-xylene #2	yogesh	1/29/2025 8:01:12 AM	Ankita	1/29/2025 12:56:52	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP069827.D	AR-1016-5 #2	yogesh	2/20/2025 8:11:01 AM	Ankita	2/20/2025 12:54:11	Peak Integrated by Software
AR1660CCC500	PP069827.D	AR-1260-3 #2	yogesh	2/20/2025 8:11:01 AM	Ankita	2/20/2025 12:54:11	Peak Integrated by Software
AR1660CCC500	PP069827.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:01 AM	Ankita	2/20/2025 12:54:11	Peak Integrated by Software
AR1242CCC500	PP069828.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:03 AM	Ankita	2/20/2025 12:54:13	Peak Integrated by Software
AR1248CCC500	PP069829.D	AR-1248-3 #2	yogesh	2/20/2025 8:11:07 AM	Ankita	2/20/2025 12:54:15	Peak Integrated by Software
AR1248CCC500	PP069829.D	AR-1248-5 #2	yogesh	2/20/2025 8:11:07 AM	Ankita	2/20/2025 12:54:15	Peak Integrated by Software
AR1248CCC500	PP069829.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:07 AM	Ankita	2/20/2025 12:54:15	Peak Integrated by Software
AR1254CCC500	PP069830.D	AR-1254-4 #2	yogesh	2/20/2025 8:11:09 AM	Ankita	2/20/2025 12:54:16	Peak Integrated by Software
AR1254CCC500	PP069830.D	AR-1254-5	yogesh	2/20/2025 8:11:09 AM	Ankita	2/20/2025 12:54:16	Peak Integrated by Software
AR1254CCC500	PP069830.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:09 AM	Ankita	2/20/2025 12:54:16	Peak Integrated by Software
I.BLK	PP069831.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:11 AM	Ankita	2/20/2025 12:54:18	Peak Integrated by Software
AR1660CCC500	PP069842.D	AR-1016-2 #2	yogesh	2/20/2025 8:11:31 AM	Ankita	2/20/2025 12:54:38	Peak Integrated by Software
AR1660CCC500	PP069842.D	AR-1016-5 #2	yogesh	2/20/2025 8:11:31 AM	Ankita	2/20/2025 12:54:38	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PP069842.D	AR-1260-3 #2	yogesh	2/20/2025 8:11:31 AM	Ankita	2/20/2025 12:54:38	Peak Integrated by Software
AR1660CCC50 0	PP069842.D	Tetrachloro-m-xylene	yogesh	2/20/2025 8:11:31 AM	Ankita	2/20/2025 12:54:38	Peak Integrated by Software
AR1660CCC50 0	PP069842.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:31 AM	Ankita	2/20/2025 12:54:38	Peak Integrated by Software
AR1242CCC50 0	PP069843.D	AR-1242-5	yogesh	2/20/2025 8:11:33 AM	Ankita	2/20/2025 12:54:40	Peak Integrated by Software
AR1242CCC50 0	PP069843.D	Tetrachloro-m-xylene	yogesh	2/20/2025 8:11:33 AM	Ankita	2/20/2025 12:54:40	Peak Integrated by Software
AR1242CCC50 0	PP069843.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:33 AM	Ankita	2/20/2025 12:54:40	Peak Integrated by Software
AR1248CCC50 0	PP069844.D	AR-1248-3	yogesh	2/20/2025 8:11:35 AM	Ankita	2/20/2025 12:54:42	Peak Integrated by Software
AR1248CCC50 0	PP069844.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:35 AM	Ankita	2/20/2025 12:54:42	Peak Integrated by Software
AR1254CCC50 0	PP069845.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:11:37 AM	Ankita	2/20/2025 12:54:43	Peak Integrated by Software
I.BLK	PP069846.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:12:51 AM	Ankita	2/20/2025 12:54:45	Peak Integrated by Software
AR1660CCC50 0	PP069857.D	AR-1016-1	yogesh	2/20/2025 8:13:13 AM	Ankita	2/20/2025 12:55:30	Peak Integrated by Software
AR1660CCC50 0	PP069857.D	AR-1016-1 #2	yogesh	2/20/2025 8:13:13 AM	Ankita	2/20/2025 12:55:30	Peak Integrated by Software
AR1660CCC50 0	PP069857.D	AR-1260-3 #2	yogesh	2/20/2025 8:13:13 AM	Ankita	2/20/2025 12:55:30	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP069857.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:13:13 AM	Ankita	2/20/2025 12:55:30	Peak Integrated by Software
AR1242CCC500	PP069858.D	AR-1242-1	yogesh	2/20/2025 8:14:39 AM	Ankita	2/20/2025 12:55:33	Peak Integrated by Software
AR1242CCC500	PP069858.D	AR-1242-1 #2	yogesh	2/20/2025 8:14:39 AM	Ankita	2/20/2025 12:55:33	Peak Integrated by Software
AR1242CCC500	PP069858.D	AR-1242-5	yogesh	2/20/2025 8:14:39 AM	Ankita	2/20/2025 12:55:33	Peak Integrated by Software
AR1248CCC500	PP069859.D	AR-1248-1	yogesh	2/20/2025 8:13:15 AM	Ankita	2/20/2025 12:55:34	Peak Integrated by Software
AR1248CCC500	PP069859.D	AR-1248-1 #2	yogesh	2/20/2025 8:13:15 AM	Ankita	2/20/2025 12:55:34	Peak Integrated by Software
AR1248CCC500	PP069859.D	AR-1248-3	yogesh	2/20/2025 8:13:15 AM	Ankita	2/20/2025 12:55:34	Peak Integrated by Software
AR1254CCC500	PP069860.D	AR-1254-1	yogesh	2/20/2025 8:13:17 AM	Ankita	2/20/2025 12:55:36	Peak Integrated by Software
AR1254CCC500	PP069860.D	AR-1254-5	yogesh	2/20/2025 8:13:17 AM	Ankita	2/20/2025 12:55:36	Peak Integrated by Software
I.BLK	PP069861.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:13:18 AM	Ankita	2/20/2025 12:55:38	Peak Integrated by Software
PB166774BL	PP069862.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:13:20 AM	Ankita	2/20/2025 12:55:39	Peak Integrated by Software
PB166774BS	PP069863.D	AR-1016-1	yogesh	2/20/2025 8:13:22 AM	Ankita	2/20/2025 12:55:41	Peak Integrated by Software
PB166774BS	PP069863.D	AR-1016-1 #2	yogesh	2/20/2025 8:13:22 AM	Ankita	2/20/2025 12:55:41	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB166774BS	PP069863.D	AR-1260-3 #2	yogesh	2/20/2025 8:13:22 AM	Ankita	2/20/2025 12:55:41	Peak Integrated by Software
PB166774BS	PP069863.D	Tetrachloro-m-xylene	yogesh	2/20/2025 8:13:22 AM	Ankita	2/20/2025 12:55:41	Peak Integrated by Software
PB166774BS	PP069863.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:13:22 AM	Ankita	2/20/2025 12:55:41	Peak Integrated by Software
Q1383-01	PP069865.D	AR-1254-2 #2	yogesh	2/20/2025 8:13:26 AM	Ankita	2/20/2025 12:55:45	Peak Integrated by Software
Q1383-01	PP069865.D	AR-1254-3 #2	yogesh	2/20/2025 8:13:26 AM	Ankita	2/20/2025 12:55:45	Peak Integrated by Software
Q1383-01	PP069865.D	AR-1254-5	yogesh	2/20/2025 8:13:26 AM	Ankita	2/20/2025 12:55:45	Peak Integrated by Software
Q1383-01	PP069865.D	AR-1254-5 #2	yogesh	2/20/2025 8:13:26 AM	Ankita	2/20/2025 12:55:45	Peak Integrated by Software
Q1383-01	PP069865.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:13:26 AM	Ankita	2/20/2025 12:55:45	Peak Integrated by Software
Q1383-01MS	PP069866.D	AR-1016-1	yogesh	2/20/2025 8:13:29 AM	Ankita	2/20/2025 12:55:46	Peak Integrated by Software
Q1383-01MS	PP069866.D	AR-1016-1 #2	yogesh	2/20/2025 8:13:29 AM	Ankita	2/20/2025 12:55:46	Peak Integrated by Software
Q1383-01MS	PP069866.D	AR-1016-5	yogesh	2/20/2025 8:13:29 AM	Ankita	2/20/2025 12:55:46	Peak Integrated by Software
Q1383-01MS	PP069866.D	AR-1254-1	yogesh	2/20/2025 8:13:29 AM	Ankita	2/20/2025 12:55:46	Peak Integrated by Software
Q1383-01MS	PP069866.D	AR-1254-3 #2	yogesh	2/20/2025 8:13:29 AM	Ankita	2/20/2025 12:55:46	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1383-01MS	PP069866.D	AR-1254-5	yogesh	2/20/2025 8:13:29 AM	Ankita	2/20/2025 12:55:46	Peak Integrated by Software
Q1383-01MS	PP069866.D	AR-1260-3 #2	yogesh	2/20/2025 8:13:29 AM	Ankita	2/20/2025 12:55:46	Peak Integrated by Software
Q1383-01MS	PP069866.D	AR-1260-4	yogesh	2/20/2025 8:13:29 AM	Ankita	2/20/2025 12:55:46	Peak Integrated by Software
Q1383-01MS	PP069866.D	Tetrachloro-m-xylene	yogesh	2/20/2025 8:13:29 AM	Ankita	2/20/2025 12:55:46	Peak Integrated by Software
Q1383-01MS	PP069866.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:13:29 AM	Ankita	2/20/2025 12:55:46	Peak Integrated by Software
Q1383-01MSD	PP069867.D	AR-1016-1	yogesh	2/20/2025 8:13:31 AM	Ankita	2/20/2025 12:55:48	Peak Integrated by Software
Q1383-01MSD	PP069867.D	AR-1016-1 #2	yogesh	2/20/2025 8:13:31 AM	Ankita	2/20/2025 12:55:48	Peak Integrated by Software
Q1383-01MSD	PP069867.D	AR-1254-1	yogesh	2/20/2025 8:13:31 AM	Ankita	2/20/2025 12:55:48	Peak Integrated by Software
Q1383-01MSD	PP069867.D	AR-1260-3 #2	yogesh	2/20/2025 8:13:31 AM	Ankita	2/20/2025 12:55:48	Peak Integrated by Software
Q1383-01MSD	PP069867.D	AR-1260-4	yogesh	2/20/2025 8:13:31 AM	Ankita	2/20/2025 12:55:48	Peak Integrated by Software
Q1383-01MSD	PP069867.D	Tetrachloro-m-xylene	yogesh	2/20/2025 8:13:31 AM	Ankita	2/20/2025 12:55:48	Peak Integrated by Software
Q1383-01MSD	PP069867.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:13:31 AM	Ankita	2/20/2025 12:55:48	Peak Integrated by Software
Q1383-09	PP069871.D	AR-1254-1	yogesh	2/20/2025 8:14:42 AM	Ankita	2/20/2025 12:56:31	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1383-09	PP069871.D	AR-1254-1 #2	yogesh	2/20/2025 8:14:42 AM	Ankita	2/20/2025 12:56:31	Peak Integrated by Software
Q1383-09	PP069871.D	AR-1254-2 #2	yogesh	2/20/2025 8:14:42 AM	Ankita	2/20/2025 12:56:31	Peak Integrated by Software
Q1383-09	PP069871.D	AR-1254-3 #2	yogesh	2/20/2025 8:14:42 AM	Ankita	2/20/2025 12:56:31	Peak Integrated by Software
Q1383-09	PP069871.D	AR-1254-4 #2	yogesh	2/20/2025 8:14:42 AM	Ankita	2/20/2025 12:56:31	Peak Integrated by Software
Q1383-09	PP069871.D	AR-1254-5	yogesh	2/20/2025 8:14:42 AM	Ankita	2/20/2025 12:56:31	Peak Integrated by Software
Q1383-09	PP069871.D	AR-1254-5 #2	yogesh	2/20/2025 8:14:42 AM	Ankita	2/20/2025 12:56:31	Peak Integrated by Software
AR1660CCC500	PP069872.D	AR-1016-1	yogesh	2/20/2025 8:14:44 AM	Ankita	2/20/2025 12:56:32	Peak Integrated by Software
AR1660CCC500	PP069872.D	AR-1016-1 #2	yogesh	2/20/2025 8:14:44 AM	Ankita	2/20/2025 12:56:32	Peak Integrated by Software
AR1660CCC500	PP069872.D	AR-1016-5 #2	yogesh	2/20/2025 8:14:44 AM	Ankita	2/20/2025 12:56:32	Peak Integrated by Software
AR1660CCC500	PP069872.D	AR-1260-3 #2	yogesh	2/20/2025 8:14:44 AM	Ankita	2/20/2025 12:56:32	Peak Integrated by Software
AR1660CCC500	PP069872.D	Tetrachloro-m-xylene	yogesh	2/20/2025 8:14:44 AM	Ankita	2/20/2025 12:56:32	Peak Integrated by Software
AR1660CCC500	PP069872.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:14:44 AM	Ankita	2/20/2025 12:56:32	Peak Integrated by Software
AR1242CCC500	PP069873.D	AR-1242-1	yogesh	2/20/2025 8:14:47 AM	Ankita	2/20/2025 12:56:33	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP069873.D	AR-1242-1 #2	yogesh	2/20/2025 8:14:47 AM	Ankita	2/20/2025 12:56:33	Peak Integrated by Software
AR1242CCC500	PP069873.D	AR-1242-5 #2	yogesh	2/20/2025 8:14:47 AM	Ankita	2/20/2025 12:56:33	Peak Integrated by Software
AR1248CCC500	PP069874.D	AR-1248-1	yogesh	2/20/2025 8:14:49 AM	Ankita	2/20/2025 12:56:35	Peak Integrated by Software
AR1248CCC500	PP069874.D	AR-1248-1 #2	yogesh	2/20/2025 8:14:49 AM	Ankita	2/20/2025 12:56:35	Peak Integrated by Software
AR1248CCC500	PP069874.D	AR-1248-3	yogesh	2/20/2025 8:14:49 AM	Ankita	2/20/2025 12:56:35	Peak Integrated by Software
AR1254CCC500	PP069875.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:14:52 AM	Ankita	2/20/2025 12:56:36	Peak Integrated by Software
I.BLK	PP069876.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:14:55 AM	Ankita	2/20/2025 12:56:38	Peak Integrated by Software
Q1383-13	PP069878.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:14:59 AM	Ankita	2/20/2025 12:56:41	Peak Integrated by Software
Q1383-15	PP069879.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:15:02 AM	Ankita	2/20/2025 12:56:42	Peak Integrated by Software
Q1383-17	PP069880.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:15:04 AM	Ankita	2/20/2025 12:56:44	Peak Integrated by Software
Q1383-19	PP069881.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:15:05 AM	Ankita	2/20/2025 12:56:45	Peak Integrated by Software
Q1383-21	PP069882.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:15:08 AM	Ankita	2/20/2025 12:56:47	Peak Integrated by Software
AR1660CCC500	PP069885.D	AR-1016-1	yogesh	2/20/2025 8:15:09 AM	Ankita	2/20/2025 12:57:04	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP069885.D	AR-1016-1 #2	yogesh	2/20/2025 8:15:09 AM	Ankita	2/20/2025 12:57:04	Peak Integrated by Software
AR1660CCC500	PP069885.D	AR-1016-5	yogesh	2/20/2025 8:15:09 AM	Ankita	2/20/2025 12:57:04	Peak Integrated by Software
AR1660CCC500	PP069885.D	AR-1016-5 #2	yogesh	2/20/2025 8:15:09 AM	Ankita	2/20/2025 12:57:04	Peak Integrated by Software
AR1660CCC500	PP069885.D	AR-1260-3 #2	yogesh	2/20/2025 8:15:09 AM	Ankita	2/20/2025 12:57:04	Peak Integrated by Software
AR1660CCC500	PP069885.D	Tetrachloro-m-xylene	yogesh	2/20/2025 8:15:09 AM	Ankita	2/20/2025 12:57:04	Peak Integrated by Software
AR1660CCC500	PP069885.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:15:09 AM	Ankita	2/20/2025 12:57:04	Peak Integrated by Software
AR1242CCC500	PP069886.D	AR-1242-1	yogesh	2/20/2025 8:15:11 AM	Ankita	2/20/2025 12:57:05	Peak Integrated by Software
AR1242CCC500	PP069886.D	AR-1242-1 #2	yogesh	2/20/2025 8:15:11 AM	Ankita	2/20/2025 12:57:05	Peak Integrated by Software
AR1242CCC500	PP069886.D	AR-1242-5	yogesh	2/20/2025 8:15:11 AM	Ankita	2/20/2025 12:57:05	Peak Integrated by Software
AR1248CCC500	PP069887.D	AR-1248-1	yogesh	2/20/2025 8:15:13 AM	Ankita	2/20/2025 12:57:07	Peak Integrated by Software
AR1248CCC500	PP069887.D	AR-1248-1 #2	yogesh	2/20/2025 8:15:13 AM	Ankita	2/20/2025 12:57:07	Peak Integrated by Software
AR1248CCC500	PP069887.D	AR-1248-3	yogesh	2/20/2025 8:15:13 AM	Ankita	2/20/2025 12:57:07	Peak Integrated by Software
AR1248CCC500	PP069887.D	AR-1248-4 #2	yogesh	2/20/2025 8:15:13 AM	Ankita	2/20/2025 12:57:07	Peak Integrated by Software

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Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP069888.D	AR-1254-1	yogesh	2/20/2025 8:15:15 AM	Ankita	2/20/2025 12:57:08	Peak Integrated by Software
AR1254CCC500	PP069888.D	AR-1254-2	yogesh	2/20/2025 8:15:15 AM	Ankita	2/20/2025 12:57:08	Peak Integrated by Software
AR1254CCC500	PP069888.D	AR-1254-3	yogesh	2/20/2025 8:15:15 AM	Ankita	2/20/2025 12:57:08	Peak Integrated by Software
AR1254CCC500	PP069888.D	AR-1254-4	yogesh	2/20/2025 8:15:15 AM	Ankita	2/20/2025 12:57:08	Peak Integrated by Software
AR1254CCC500	PP069888.D	AR-1254-5	yogesh	2/20/2025 8:15:15 AM	Ankita	2/20/2025 12:57:08	Peak Integrated by Software
AR1254CCC500	PP069888.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:15:15 AM	Ankita	2/20/2025 12:57:08	Peak Integrated by Software
I.BLK	PP069889.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 8:15:17 AM	Ankita	2/20/2025 12:57:09	Peak Integrated by Software
AR1660CCC500	PP069898.D	AR-1016-2 #2	yogesh	2/20/2025 2:59:27 PM	Ankita	2/20/2025 3:01:40	Peak Integrated by Software
AR1660CCC500	PP069898.D	AR-1016-5	yogesh	2/20/2025 2:59:27 PM	Ankita	2/20/2025 3:01:40	Peak Integrated by Software
AR1660CCC500	PP069898.D	AR-1016-5 #2	yogesh	2/20/2025 2:59:27 PM	Ankita	2/20/2025 3:01:40	Peak Integrated by Software
AR1660CCC500	PP069898.D	AR-1260-3 #2	yogesh	2/20/2025 2:59:27 PM	Ankita	2/20/2025 3:01:40	Peak Integrated by Software
AR1660CCC500	PP069898.D	Tetrachloro-m-xylene	yogesh	2/20/2025 2:59:27 PM	Ankita	2/20/2025 3:01:40	Peak Integrated by Software
AR1660CCC500	PP069898.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 2:59:27 PM	Ankita	2/20/2025 3:01:40	Peak Integrated by Software

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Sequence:	PP021925	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP069899.D	AR-1254-2	yogesh	2/20/2025 2:59:28 PM	Ankita	2/20/2025 3:01:42	Peak Integrated by Software
AR1254CCC500	PP069899.D	AR-1254-3	yogesh	2/20/2025 2:59:28 PM	Ankita	2/20/2025 3:01:42	Peak Integrated by Software
AR1254CCC500	PP069899.D	AR-1254-4	yogesh	2/20/2025 2:59:28 PM	Ankita	2/20/2025 3:01:42	Peak Integrated by Software
AR1254CCC500	PP069899.D	AR-1254-4 #2	yogesh	2/20/2025 2:59:28 PM	Ankita	2/20/2025 3:01:42	Peak Integrated by Software
AR1254CCC500	PP069899.D	Tetrachloro-m-xylene #2	yogesh	2/20/2025 2:59:28 PM	Ankita	2/20/2025 3:01:42	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP069902.D	AR-1016-2 #2	yogesh	2/21/2025 8:08:56 AM	Ankita	2/21/2025 11:05:45	Peak Integrated by Software
AR1660CCC500	PP069902.D	AR-1016-5	yogesh	2/21/2025 8:08:56 AM	Ankita	2/21/2025 11:05:45	Peak Integrated by Software
AR1660CCC500	PP069902.D	AR-1016-5 #2	yogesh	2/21/2025 8:08:56 AM	Ankita	2/21/2025 11:05:45	Peak Integrated by Software
AR1660CCC500	PP069902.D	AR-1260-3 #2	yogesh	2/21/2025 8:08:56 AM	Ankita	2/21/2025 11:05:45	Peak Integrated by Software
AR1660CCC500	PP069902.D	Tetrachloro-m-xylene	yogesh	2/21/2025 8:08:56 AM	Ankita	2/21/2025 11:05:45	Peak Integrated by Software
AR1660CCC500	PP069902.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:08:56 AM	Ankita	2/21/2025 11:05:45	Peak Integrated by Software
AR1242CCC500	PP069903.D	AR-1242-2 #2	yogesh	2/21/2025 8:08:58 AM	Ankita	2/21/2025 11:05:47	Peak Integrated by Software
AR1242CCC500	PP069903.D	Tetrachloro-m-xylene	yogesh	2/21/2025 8:08:58 AM	Ankita	2/21/2025 11:05:47	Peak Integrated by Software
AR1242CCC500	PP069903.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:08:58 AM	Ankita	2/21/2025 11:05:47	Peak Integrated by Software
AR1248CCC500	PP069904.D	AR-1248-3	yogesh	2/21/2025 8:09:00 AM	Ankita	2/21/2025 11:05:48	Peak Integrated by Software
AR1248CCC500	PP069904.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:09:00 AM	Ankita	2/21/2025 11:05:48	Peak Integrated by Software
AR1254CCC500	PP069905.D	AR-1254-4 #2	yogesh	2/21/2025 8:09:01 AM	Ankita	2/21/2025 11:05:50	Peak Integrated by Software
AR1254CCC500	PP069905.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:09:01 AM	Ankita	2/21/2025 11:05:50	Peak Integrated by Software

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Sequence:	PP022025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP069906.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:09:03 AM	Ankita	2/21/2025 11:05:51	Peak Integrated by Software
AR1660CCC50 0	PP069917.D	AR-1016-1	yogesh	2/21/2025 8:43:53 AM	Ankita	2/21/2025 11:06:08	Peak Integrated by Software
AR1660CCC50 0	PP069917.D	AR-1016-1 #2	yogesh	2/21/2025 8:43:53 AM	Ankita	2/21/2025 11:06:08	Peak Integrated by Software
AR1660CCC50 0	PP069917.D	AR-1016-5	yogesh	2/21/2025 8:43:53 AM	Ankita	2/21/2025 11:06:08	Peak Integrated by Software
AR1660CCC50 0	PP069917.D	AR-1016-5 #2	yogesh	2/21/2025 8:43:53 AM	Ankita	2/21/2025 11:06:08	Peak Integrated by Software
AR1660CCC50 0	PP069917.D	AR-1260-3 #2	yogesh	2/21/2025 8:43:53 AM	Ankita	2/21/2025 11:06:08	Peak Integrated by Software
AR1660CCC50 0	PP069917.D	Tetrachloro-m-xylene	yogesh	2/21/2025 8:43:53 AM	Ankita	2/21/2025 11:06:08	Peak Integrated by Software
AR1660CCC50 0	PP069917.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:43:53 AM	Ankita	2/21/2025 11:06:08	Peak Integrated by Software
AR1242CCC50 0	PP069918.D	AR-1242-1	yogesh	2/21/2025 8:43:55 AM	Ankita	2/21/2025 11:06:09	Peak Integrated by Software
AR1242CCC50 0	PP069918.D	AR-1242-1 #2	yogesh	2/21/2025 8:43:55 AM	Ankita	2/21/2025 11:06:09	Peak Integrated by Software
AR1242CCC50 0	PP069918.D	Tetrachloro-m-xylene	yogesh	2/21/2025 8:43:55 AM	Ankita	2/21/2025 11:06:09	Peak Integrated by Software
AR1242CCC50 0	PP069918.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:43:55 AM	Ankita	2/21/2025 11:06:09	Peak Integrated by Software
AR1248CCC50 0	PP069919.D	AR-1248-1	yogesh	2/21/2025 8:43:58 AM	Ankita	2/21/2025 11:07:20	Peak Integrated by Software

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Sequence:	PP022025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP069919.D	AR-1248-1 #2	yogesh	2/21/2025 8:43:58 AM	Ankita	2/21/2025 11:07:20	Peak Integrated by Software
AR1254CCC500	PP069920.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:44:06 AM	Ankita	2/21/2025 11:07:22	Peak Integrated by Software
I.BLK	PP069921.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:44:08 AM	Ankita	2/21/2025 11:07:23	Peak Integrated by Software
AR1660CCC500	PP069932.D	AR-1016-1	yogesh	2/21/2025 8:47:45 AM	Ankita	2/21/2025 11:07:43	Peak Integrated by Software
AR1660CCC500	PP069932.D	AR-1016-1 #2	yogesh	2/21/2025 8:47:45 AM	Ankita	2/21/2025 11:07:43	Peak Integrated by Software
AR1660CCC500	PP069932.D	AR-1260-3 #2	yogesh	2/21/2025 8:47:45 AM	Ankita	2/21/2025 11:07:43	Peak Integrated by Software
AR1660CCC500	PP069932.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:47:45 AM	Ankita	2/21/2025 11:07:43	Peak Integrated by Software
AR1242CCC500	PP069933.D	AR-1242-1	yogesh	2/21/2025 8:47:47 AM	Ankita	2/21/2025 11:07:45	Peak Integrated by Software
AR1242CCC500	PP069933.D	AR-1242-1 #2	yogesh	2/21/2025 8:47:47 AM	Ankita	2/21/2025 11:07:45	Peak Integrated by Software
AR1248CCC500	PP069934.D	AR-1248-1	yogesh	2/21/2025 8:47:49 AM	Ankita	2/21/2025 11:07:47	Peak Integrated by Software
AR1248CCC500	PP069934.D	AR-1248-1 #2	yogesh	2/21/2025 8:47:49 AM	Ankita	2/21/2025 11:07:47	Peak Integrated by Software
AR1248CCC500	PP069934.D	AR-1248-3	yogesh	2/21/2025 8:47:49 AM	Ankita	2/21/2025 11:07:47	Peak Integrated by Software
AR1254CCC500	PP069935.D	AR-1254-1	yogesh	2/21/2025 8:48:02 AM	Ankita	2/21/2025 11:07:49	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP069936.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:48:03 AM	Ankita	2/21/2025 11:07:50	Peak Integrated by Software
Q1383-09RE	PP069941.D	AR-1254-1 #2	yogesh	2/21/2025 11:06:02 AM	Ankita	2/21/2025 11:08:22	Peak Integrated by Software
Q1383-09RE	PP069941.D	AR-1254-2	yogesh	2/21/2025 11:06:02 AM	Ankita	2/21/2025 11:08:22	Peak Integrated by Software
Q1383-09RE	PP069941.D	AR-1254-2 #2	yogesh	2/21/2025 11:06:02 AM	Ankita	2/21/2025 11:08:22	Peak Integrated by Software
Q1383-09RE	PP069941.D	AR-1254-3	yogesh	2/21/2025 11:06:02 AM	Ankita	2/21/2025 11:08:22	Peak Integrated by Software
Q1383-09RE	PP069941.D	AR-1254-3 #2	yogesh	2/21/2025 11:06:02 AM	Ankita	2/21/2025 11:08:22	Peak Integrated by Software
Q1383-09RE	PP069941.D	AR-1254-4	yogesh	2/21/2025 11:06:02 AM	Ankita	2/21/2025 11:08:22	Peak Integrated by Software
Q1383-09RE	PP069941.D	AR-1254-4 #2	yogesh	2/21/2025 11:06:02 AM	Ankita	2/21/2025 11:08:22	Peak Integrated by Software
Q1383-09RE	PP069941.D	AR-1254-5	yogesh	2/21/2025 11:06:02 AM	Ankita	2/21/2025 11:08:22	Peak Integrated by Software
Q1383-09RE	PP069941.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 11:06:02 AM	Ankita	2/21/2025 11:08:22	Peak Integrated by Software
Q1383-13RE	PP069942.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:48:15 AM	Ankita	2/21/2025 11:08:24	Peak Integrated by Software
Q1383-17RE	PP069943.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:48:17 AM	Ankita	2/21/2025 11:08:25	Peak Integrated by Software
Q1383-21RE	PP069944.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:48:55 AM	Ankita	2/21/2025 11:08:28	Peak Integrated by Software

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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1383-11	PP069946.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 11:06:04 AM	Ankita	2/21/2025 11:08:32	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	AR-1016-1	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	AR-1016-1 #2	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	AR-1016-5	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	AR-1016-5 #2	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	AR-1260-1	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	AR-1260-3 #2	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	Tetrachloro-m-xylene	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1660CCC50 0	PP069947.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:48:59 AM	Ankita	2/21/2025 11:08:34	Peak Integrated by Software
AR1242CCC50 0	PP069948.D	AR-1242-1	yogesh	2/21/2025 8:49:01 AM	Ankita	2/21/2025 11:08:36	Peak Integrated by Software
AR1242CCC50 0	PP069948.D	AR-1242-1 #2	yogesh	2/21/2025 8:49:01 AM	Ankita	2/21/2025 11:08:36	Peak Integrated by Software
AR1242CCC50 0	PP069948.D	AR-1242-5	yogesh	2/21/2025 8:49:01 AM	Ankita	2/21/2025 11:08:36	Peak Integrated by Software
AR1248CCC50 0	PP069949.D	AR-1248-1	yogesh	2/21/2025 8:49:03 AM	Ankita	2/21/2025 11:08:37	Peak Integrated by Software

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Sequence:	PP022025	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP069949.D	AR-1248-1 #2	yogesh	2/21/2025 8:49:03 AM	Ankita	2/21/2025 11:08:37	Peak Integrated by Software
AR1248CCC500	PP069949.D	AR-1248-3	yogesh	2/21/2025 8:49:03 AM	Ankita	2/21/2025 11:08:37	Peak Integrated by Software
AR1248CCC500	PP069949.D	AR-1248-3 #2	yogesh	2/21/2025 8:49:03 AM	Ankita	2/21/2025 11:08:37	Peak Integrated by Software
AR1254CCC500	PP069950.D	AR-1254-1	yogesh	2/21/2025 8:49:04 AM	Ankita	2/21/2025 11:08:39	Peak Integrated by Software
AR1254CCC500	PP069950.D	AR-1254-4 #2	yogesh	2/21/2025 8:49:04 AM	Ankita	2/21/2025 11:08:39	Peak Integrated by Software
AR1254CCC500	PP069950.D	AR-1254-5	yogesh	2/21/2025 8:49:04 AM	Ankita	2/21/2025 11:08:39	Peak Integrated by Software
I.BLK	PP069951.D	Tetrachloro-m-xylene #2	yogesh	2/21/2025 8:49:06 AM	Ankita	2/21/2025 11:08:40	Peak Integrated by Software

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Sequence:	pp022125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP069953.D	AR-1016-1 #2	yogesh	2/24/2025 9:14:04 AM	Ankita	2/24/2025 9:33:47	Peak Integrated by Software
AR1660CCC500	PP069953.D	AR-1016-2 #2	yogesh	2/24/2025 9:14:04 AM	Ankita	2/24/2025 9:33:47	Peak Integrated by Software
AR1660CCC500	PP069953.D	AR-1260-3 #2	yogesh	2/24/2025 9:14:04 AM	Ankita	2/24/2025 9:33:47	Peak Integrated by Software
AR1660CCC500	PP069953.D	Tetrachloro-m-xylene	yogesh	2/24/2025 9:14:04 AM	Ankita	2/24/2025 9:33:47	Peak Integrated by Software
AR1660CCC500	PP069953.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:14:04 AM	Ankita	2/24/2025 9:33:47	Peak Integrated by Software
AR1242CCC500	PP069954.D	AR-1242-1 #2	yogesh	2/24/2025 9:14:05 AM	Ankita	2/24/2025 9:33:50	Peak Integrated by Software
AR1242CCC500	PP069954.D	AR-1242-2 #2	yogesh	2/24/2025 9:14:05 AM	Ankita	2/24/2025 9:33:50	Peak Integrated by Software
AR1242CCC500	PP069954.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:14:05 AM	Ankita	2/24/2025 9:33:50	Peak Integrated by Software
AR1248CCC500	PP069955.D	AR-1248-3	yogesh	2/24/2025 9:14:07 AM	Ankita	2/24/2025 9:33:52	Peak Integrated by Software
AR1248CCC500	PP069955.D	AR-1248-5 #2	yogesh	2/24/2025 9:14:07 AM	Ankita	2/24/2025 9:33:52	Peak Integrated by Software
AR1248CCC500	PP069955.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:14:07 AM	Ankita	2/24/2025 9:33:52	Peak Integrated by Software
AR1254CCC500	PP069956.D	AR-1254-1	yogesh	2/24/2025 9:14:08 AM	Ankita	2/24/2025 9:33:53	Peak Integrated by Software
AR1254CCC500	PP069956.D	AR-1254-4 #2	yogesh	2/24/2025 9:14:08 AM	Ankita	2/24/2025 9:33:53	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp022125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP069956.D	AR-1254-5	yogesh	2/24/2025 9:14:08 AM	Ankita	2/24/2025 9:33:53	Peak Integrated by Software
AR1254CCC500	PP069956.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:14:08 AM	Ankita	2/24/2025 9:33:53	Peak Integrated by Software
I.BLK	PP069957.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:14:11 AM	Ankita	2/24/2025 9:33:55	Peak Integrated by Software
Q1383-03	PP069958.D	AR-1254-1	yogesh	2/24/2025 9:14:14 AM	Ankita	2/24/2025 9:33:56	Peak Integrated by Software
Q1383-03	PP069958.D	AR-1254-1 #2	yogesh	2/24/2025 9:14:14 AM	Ankita	2/24/2025 9:33:56	Peak Integrated by Software
Q1383-03	PP069958.D	AR-1254-2 #2	yogesh	2/24/2025 9:14:14 AM	Ankita	2/24/2025 9:33:56	Peak Integrated by Software
Q1383-03	PP069958.D	AR-1254-3 #2	yogesh	2/24/2025 9:14:14 AM	Ankita	2/24/2025 9:33:56	Peak Integrated by Software
Q1383-03	PP069958.D	AR-1254-4 #2	yogesh	2/24/2025 9:14:14 AM	Ankita	2/24/2025 9:33:56	Peak Integrated by Software
Q1383-03	PP069958.D	AR-1254-5 #2	yogesh	2/24/2025 9:14:14 AM	Ankita	2/24/2025 9:33:56	Peak Integrated by Software
Q1383-03	PP069958.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:14:14 AM	Ankita	2/24/2025 9:33:56	Peak Integrated by Software
Q1383-05	PP069959.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:14:16 AM	Ankita	2/24/2025 9:33:58	Peak Integrated by Software
Q1383-07	PP069960.D	AR-1254-1	yogesh	2/24/2025 10:48:49 AM	Ankita	2/24/2025 10:49:09	Peak Integrated by Software
Q1383-07	PP069960.D	AR-1254-1 #2	yogesh	2/24/2025 10:48:49 AM	Ankita	2/24/2025 10:49:09	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp022125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q1383-07	PP069960.D	AR-1254-2	yogesh	2/24/2025 10:48:49 AM	Ankita	2/24/2025 10:49:09	Peak Integrated by Software
Q1383-07	PP069960.D	AR-1254-2 #2	yogesh	2/24/2025 10:48:49 AM	Ankita	2/24/2025 10:49:09	Peak Integrated by Software
Q1383-07	PP069960.D	AR-1254-3	yogesh	2/24/2025 10:48:49 AM	Ankita	2/24/2025 10:49:09	Peak Integrated by Software
Q1383-07	PP069960.D	AR-1254-3 #2	yogesh	2/24/2025 10:48:49 AM	Ankita	2/24/2025 10:49:09	Peak Integrated by Software
Q1383-07	PP069960.D	AR-1254-4	yogesh	2/24/2025 10:48:49 AM	Ankita	2/24/2025 10:49:09	Peak Integrated by Software
Q1383-07	PP069960.D	AR-1254-5 #2	yogesh	2/24/2025 10:48:49 AM	Ankita	2/24/2025 10:49:09	Peak Integrated by Software
Q1383-07	PP069960.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 10:48:49 AM	Ankita	2/24/2025 10:49:09	Peak Integrated by Software
AR1660CCC500	PP069967.D	AR-1016-1 #2	yogesh	2/24/2025 9:14:32 AM	Ankita	2/24/2025 9:34:33	Peak Integrated by Software
AR1660CCC500	PP069967.D	AR-1016-2 #2	yogesh	2/24/2025 9:14:32 AM	Ankita	2/24/2025 9:34:33	Peak Integrated by Software
AR1660CCC500	PP069967.D	AR-1016-5	yogesh	2/24/2025 9:14:32 AM	Ankita	2/24/2025 9:34:33	Peak Integrated by Software
AR1660CCC500	PP069967.D	AR-1260-3 #2	yogesh	2/24/2025 9:14:32 AM	Ankita	2/24/2025 9:34:33	Peak Integrated by Software
AR1660CCC500	PP069967.D	Tetrachloro-m-xylene	yogesh	2/24/2025 9:14:32 AM	Ankita	2/24/2025 9:34:33	Peak Integrated by Software
AR1660CCC500	PP069967.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:14:32 AM	Ankita	2/24/2025 9:34:33	Peak Integrated by Software

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Sequence:	pp022125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP069968.D	AR-1242-1 #2	yogesh	2/24/2025 9:14:34 AM	Ankita	2/24/2025 9:34:35	Peak Integrated by Software
AR1242CCC500	PP069968.D	AR-1242-2	yogesh	2/24/2025 9:14:34 AM	Ankita	2/24/2025 9:34:35	Peak Integrated by Software
AR1242CCC500	PP069968.D	AR-1242-2 #2	yogesh	2/24/2025 9:14:34 AM	Ankita	2/24/2025 9:34:35	Peak Integrated by Software
AR1242CCC500	PP069968.D	Tetrachloro-m-xylene	yogesh	2/24/2025 9:14:34 AM	Ankita	2/24/2025 9:34:35	Peak Integrated by Software
AR1242CCC500	PP069968.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:14:34 AM	Ankita	2/24/2025 9:34:35	Peak Integrated by Software
AR1248CCC500	PP069969.D	AR-1248-1 #2	yogesh	2/24/2025 9:14:35 AM	Ankita	2/24/2025 9:34:36	Peak Integrated by Software
AR1248CCC500	PP069969.D	AR-1248-3	yogesh	2/24/2025 9:14:35 AM	Ankita	2/24/2025 9:34:36	Peak Integrated by Software
AR1248CCC500	PP069969.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:14:35 AM	Ankita	2/24/2025 9:34:36	Peak Integrated by Software
AR1254CCC500	PP069970.D	AR-1254-4 #2	yogesh	2/24/2025 9:14:37 AM	Ankita	2/24/2025 9:34:38	Peak Integrated by Software
AR1254CCC500	PP069970.D	AR-1254-5	yogesh	2/24/2025 9:14:37 AM	Ankita	2/24/2025 9:34:38	Peak Integrated by Software
AR1254CCC500	PP069970.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:14:37 AM	Ankita	2/24/2025 9:34:38	Peak Integrated by Software
I.BLK	PP069971.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:14:38 AM	Ankita	2/24/2025 9:34:39	Peak Integrated by Software
AR1660CCC500	PP069982.D	AR-1016-2 #2	yogesh	2/24/2025 9:15:28 AM	Ankita	2/24/2025 9:35:11	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp022125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP069982.D	AR-1016-5	yogesh	2/24/2025 9:15:28 AM	Ankita	2/24/2025 9:35:11	Peak Integrated by Software
AR1660CCC500	PP069982.D	AR-1260-3 #2	yogesh	2/24/2025 9:15:28 AM	Ankita	2/24/2025 9:35:11	Peak Integrated by Software
AR1660CCC500	PP069982.D	AR-1260-4 #2	yogesh	2/24/2025 9:15:28 AM	Ankita	2/24/2025 9:35:11	Peak Integrated by Software
AR1660CCC500	PP069982.D	Decachlorobiphenyl	yogesh	2/24/2025 9:15:28 AM	Ankita	2/24/2025 9:35:11	Peak Integrated by Software
AR1660CCC500	PP069982.D	Tetrachloro-m-xylene	yogesh	2/24/2025 9:15:28 AM	Ankita	2/24/2025 9:35:11	Peak Integrated by Software
AR1660CCC500	PP069982.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:15:28 AM	Ankita	2/24/2025 9:35:11	Peak Integrated by Software
AR1242CCC500	PP069983.D	AR-1242-2 #2	yogesh	2/24/2025 9:15:26 AM	Ankita	2/24/2025 9:35:13	Peak Integrated by Software
AR1242CCC500	PP069983.D	AR-1242-4 #2	yogesh	2/24/2025 9:15:26 AM	Ankita	2/24/2025 9:35:13	Peak Integrated by Software
AR1242CCC500	PP069983.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:15:26 AM	Ankita	2/24/2025 9:35:13	Peak Integrated by Software
AR1248CCC500	PP069984.D	AR-1248-3	yogesh	2/24/2025 9:15:30 AM	Ankita	2/24/2025 9:35:14	Peak Integrated by Software
AR1248CCC500	PP069984.D	AR-1248-3 #2	yogesh	2/24/2025 9:15:30 AM	Ankita	2/24/2025 9:35:14	Peak Integrated by Software
AR1248CCC500	PP069984.D	AR-1248-5 #2	yogesh	2/24/2025 9:15:30 AM	Ankita	2/24/2025 9:35:14	Peak Integrated by Software
AR1248CCC500	PP069984.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:15:30 AM	Ankita	2/24/2025 9:35:14	Peak Integrated by Software

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Sequence:	pp022125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP069985.D	AR-1254-4 #2	yogesh	2/24/2025 9:15:32 AM	Ankita	2/24/2025 9:35:16	Peak Integrated by Software
AR1254CCC500	PP069985.D	AR-1254-5	yogesh	2/24/2025 9:15:32 AM	Ankita	2/24/2025 9:35:16	Peak Integrated by Software
AR1254CCC500	PP069985.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:15:32 AM	Ankita	2/24/2025 9:35:16	Peak Integrated by Software
I.BLK	PP069986.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:15:33 AM	Ankita	2/24/2025 9:35:17	Peak Integrated by Software
AR1660CCC500	PP069989.D	AR-1016-2 #2	yogesh	2/24/2025 9:15:37 AM	Ankita	2/24/2025 9:35:35	Peak Integrated by Software
AR1660CCC500	PP069989.D	AR-1016-5	yogesh	2/24/2025 9:15:37 AM	Ankita	2/24/2025 9:35:35	Peak Integrated by Software
AR1660CCC500	PP069989.D	AR-1260-3 #2	yogesh	2/24/2025 9:15:37 AM	Ankita	2/24/2025 9:35:35	Peak Integrated by Software
AR1660CCC500	PP069989.D	AR-1260-4 #2	yogesh	2/24/2025 9:15:37 AM	Ankita	2/24/2025 9:35:35	Peak Integrated by Software
AR1660CCC500	PP069989.D	Decachlorobiphenyl #2	yogesh	2/24/2025 9:15:37 AM	Ankita	2/24/2025 9:35:35	Peak Integrated by Software
AR1660CCC500	PP069989.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:15:37 AM	Ankita	2/24/2025 9:35:35	Peak Integrated by Software
AR1242CCC500	PP069990.D	AR-1242-1 #2	yogesh	2/24/2025 9:15:39 AM	Ankita	2/24/2025 9:35:36	Peak Integrated by Software
AR1242CCC500	PP069990.D	AR-1242-2 #2	yogesh	2/24/2025 9:15:39 AM	Ankita	2/24/2025 9:35:36	Peak Integrated by Software
AR1242CCC500	PP069990.D	AR-1242-4 #2	yogesh	2/24/2025 9:15:39 AM	Ankita	2/24/2025 9:35:36	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp022125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP069990.D	Tetrachloro-m-xylene	yogesh	2/24/2025 9:15:39 AM	Ankita	2/24/2025 9:35:36	Peak Integrated by Software
AR1242CCC500	PP069990.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:15:39 AM	Ankita	2/24/2025 9:35:36	Peak Integrated by Software
AR1248CCC500	PP069991.D	AR-1248-3	yogesh	2/24/2025 9:15:40 AM	Ankita	2/24/2025 9:35:37	Peak Integrated by Software
AR1248CCC500	PP069991.D	AR-1248-3 #2	yogesh	2/24/2025 9:15:40 AM	Ankita	2/24/2025 9:35:37	Peak Integrated by Software
AR1248CCC500	PP069991.D	AR-1248-5 #2	yogesh	2/24/2025 9:15:40 AM	Ankita	2/24/2025 9:35:37	Peak Integrated by Software
AR1248CCC500	PP069991.D	Decachlorobiphenyl	yogesh	2/24/2025 9:15:40 AM	Ankita	2/24/2025 9:35:37	Peak Integrated by Software
AR1248CCC500	PP069991.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:15:40 AM	Ankita	2/24/2025 9:35:37	Peak Integrated by Software
AR1254CCC500	PP069992.D	AR-1254-4 #2	yogesh	2/24/2025 9:15:42 AM	Ankita	2/24/2025 9:35:39	Peak Integrated by Software
AR1254CCC500	PP069992.D	AR-1254-5	yogesh	2/24/2025 9:15:42 AM	Ankita	2/24/2025 9:35:39	Peak Integrated by Software
I.BLK	PP069993.D	Tetrachloro-m-xylene #2	yogesh	2/24/2025 9:15:44 AM	Ankita	2/24/2025 9:35:40	Peak Integrated by Software

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP012825

Review By	yogesh	Review On	1/29/2025 8:01:22 AM		
Supervise By	Ankita	Supervise On	1/29/2025 12:56:57 PM		
SubDirectory	PP012825	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP069263.D	28 Jan 2025 09:05	YP\AJ	Ok
2	I.BLK	PP069264.D	28 Jan 2025 09:21	YP\AJ	Ok
3	AR1660ICC1000	PP069265.D	28 Jan 2025 09:37	YP\AJ	Ok,M
4	AR1660ICC750	PP069266.D	28 Jan 2025 09:54	YP\AJ	Ok
5	AR1660ICC500	PP069267.D	28 Jan 2025 10:10	YP\AJ	Ok
6	AR1660ICC250	PP069268.D	28 Jan 2025 10:26	YP\AJ	Ok
7	AR1660ICC050	PP069269.D	28 Jan 2025 11:15	YP\AJ	Ok
8	AR1221ICC500	PP069270.D	28 Jan 2025 11:32	YP\AJ	Ok
9	AR1232ICC500	PP069271.D	28 Jan 2025 11:48	YP\AJ	Ok
10	AR1242ICC1000	PP069272.D	28 Jan 2025 12:04	YP\AJ	Ok
11	AR1242ICC750	PP069273.D	28 Jan 2025 12:21	YP\AJ	Ok
12	AR1242ICC500	PP069274.D	28 Jan 2025 12:37	YP\AJ	Ok
13	AR1242ICC250	PP069275.D	28 Jan 2025 12:53	YP\AJ	Ok
14	AR1242ICC050	PP069276.D	28 Jan 2025 13:09	YP\AJ	Ok
15	AR1248ICC1000	PP069277.D	28 Jan 2025 13:26	YP\AJ	Ok
16	AR1248ICC750	PP069278.D	28 Jan 2025 13:42	YP\AJ	Ok
17	AR1248ICC500	PP069279.D	28 Jan 2025 13:58	YP\AJ	Ok
18	AR1248ICC250	PP069280.D	28 Jan 2025 14:15	YP\AJ	Ok,M
19	AR1248ICC050	PP069281.D	28 Jan 2025 14:31	YP\AJ	Ok
20	AR1254ICC1000	PP069282.D	28 Jan 2025 14:47	YP\AJ	Ok
21	AR1254ICC750	PP069283.D	28 Jan 2025 15:04	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP012825

Review By	yogesh	Review On	1/29/2025 8:01:22 AM		
Supervise By	Ankita	Supervise On	1/29/2025 12:56:57 PM		
SubDirectory	PP012825	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP069284.D	28 Jan 2025 15:20	YP\AJ	Ok
23	AR1254ICC250	PP069285.D	28 Jan 2025 15:36	YP\AJ	Ok
24	AR1254ICC050	PP069286.D	28 Jan 2025 15:53	YP\AJ	Ok,M
25	AR1262ICC500	PP069287.D	28 Jan 2025 16:09	YP\AJ	Ok
26	AR1268ICC1000	PP069288.D	28 Jan 2025 16:25	YP\AJ	Ok
27	AR1268ICC750	PP069289.D	28 Jan 2025 16:42	YP\AJ	Ok
28	AR1268ICC500	PP069290.D	28 Jan 2025 16:58	YP\AJ	Ok
29	AR1268ICC250	PP069291.D	28 Jan 2025 17:14	YP\AJ	Ok
30	AR1268ICC050	PP069292.D	28 Jan 2025 17:30	YP\AJ	Ok,M
31	PP012825ICV500	PP069293.D	28 Jan 2025 17:47	YP\AJ	Ok
32	AR1242ICV500	PP069294.D	28 Jan 2025 18:03	YP\AJ	Ok
33	AR1248ICV500	PP069295.D	28 Jan 2025 18:19	YP\AJ	Ok
34	AR1254ICV500	PP069296.D	28 Jan 2025 18:36	YP\AJ	Ok
35	AR1268ICV500	PP069297.D	28 Jan 2025 18:52	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP069826.D	19 Feb 2025 08:10	YP\AJ	Ok
2	AR1660CCC500	PP069827.D	19 Feb 2025 08:26	YP\AJ	Ok,M
3	AR1242CCC500	PP069828.D	19 Feb 2025 08:47	YP\AJ	Ok,M
4	AR1248CCC500	PP069829.D	19 Feb 2025 09:03	YP\AJ	Ok,M
5	AR1254CCC500	PP069830.D	19 Feb 2025 09:19	YP\AJ	Ok,M
6	I.BLK	PP069831.D	19 Feb 2025 10:11	YP\AJ	Ok,M
7	PB166749BL	PP069832.D	19 Feb 2025 10:28	YP\AJ	Ok,M
8	PB166750BL	PP069833.D	19 Feb 2025 10:44	YP\AJ	Ok,M
9	Q1373-02DL2	PP069834.D	19 Feb 2025 11:01	YP\AJ	Ok,M
10	Q1379-01	PP069835.D	19 Feb 2025 11:17	YP\AJ	Ok,M
11	Q1378-03	PP069836.D	19 Feb 2025 11:33	YP\AJ	Ok,M
12	PB166770BL	PP069837.D	19 Feb 2025 13:00	YP\AJ	Ok,M
13	PB166770BS	PP069838.D	19 Feb 2025 13:16	YP\AJ	Ok,M
14	Q1382-01	PP069839.D	19 Feb 2025 13:32	YP\AJ	Ok,M
15	Q1382-01MS	PP069840.D	19 Feb 2025 13:48	YP\AJ	Not Ok
16	Q1382-01MSD	PP069841.D	19 Feb 2025 14:05	YP\AJ	Not Ok
17	AR1660CCC500	PP069842.D	19 Feb 2025 15:10	YP\AJ	Ok,M
18	AR1242CCC500	PP069843.D	19 Feb 2025 15:42	YP\AJ	Ok,M
19	AR1248CCC500	PP069844.D	19 Feb 2025 15:58	YP\AJ	Ok,M
20	AR1254CCC500	PP069845.D	19 Feb 2025 16:15	YP\AJ	Ok,M
21	I.BLK	PP069846.D	19 Feb 2025 16:31	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1382-03	PP069847.D	19 Feb 2025 16:47	YP\AJ	ReRun
23	Q1382-05	PP069848.D	19 Feb 2025 17:03	YP\AJ	ReRun
24	Q1382-07	PP069849.D	19 Feb 2025 17:19	YP\AJ	ReRun
25	Q1382-09	PP069850.D	19 Feb 2025 17:36	YP\AJ	Not Ok
26	Q1382-11	PP069851.D	19 Feb 2025 17:52	YP\AJ	ReRun
27	Q1382-13	PP069852.D	19 Feb 2025 18:08	YP\AJ	Ok,M
28	Q1382-15	PP069853.D	19 Feb 2025 18:24	YP\AJ	Ok,M
29	Q1382-17	PP069854.D	19 Feb 2025 18:40	YP\AJ	Ok,M
30	Q1382-19	PP069855.D	19 Feb 2025 18:57	YP\AJ	ReRun
31	Q1384-01	PP069856.D	19 Feb 2025 19:13	YP\AJ	Ok
32	AR1660CCC500	PP069857.D	19 Feb 2025 20:18	YP\AJ	Ok,M
33	AR1242CCC500	PP069858.D	19 Feb 2025 20:50	YP\AJ	Ok,M
34	AR1248CCC500	PP069859.D	19 Feb 2025 21:07	YP\AJ	Ok,M
35	AR1254CCC500	PP069860.D	19 Feb 2025 21:23	YP\AJ	Ok,M
36	I.BLK	PP069861.D	19 Feb 2025 21:39	YP\AJ	Ok,M
37	PB166774BL	PP069862.D	19 Feb 2025 21:55	YP\AJ	Ok,M
38	PB166774BS	PP069863.D	19 Feb 2025 22:11	YP\AJ	Ok,M
39	Q1385-01	PP069864.D	19 Feb 2025 22:28	YP\AJ	Ok,M
40	Q1383-01	PP069865.D	19 Feb 2025 22:44	YP\AJ	Ok,M
41	Q1383-01MS	PP069866.D	19 Feb 2025 23:00	YP\AJ	Ok,M
42	Q1383-01MSD	PP069867.D	19 Feb 2025 23:16	YP\AJ	Ok,M
43	Q1383-03	PP069868.D	19 Feb 2025 23:33	YP\AJ	ReRun
44	Q1383-05	PP069869.D	19 Feb 2025 23:49	YP\AJ	ReRun

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q1383-07	PP069870.D	20 Feb 2025 00:05	YP\AJ	ReRun
46	Q1383-09	PP069871.D	20 Feb 2025 00:21	YP\AJ	ReRun
47	AR1660CCC500	PP069872.D	20 Feb 2025 01:26	YP\AJ	Ok,M
48	AR1242CCC500	PP069873.D	20 Feb 2025 01:58	YP\AJ	Ok,M
49	AR1248CCC500	PP069874.D	20 Feb 2025 02:15	YP\AJ	Ok,M
50	AR1254CCC500	PP069875.D	20 Feb 2025 02:31	YP\AJ	Ok,M
51	I.BLK	PP069876.D	20 Feb 2025 02:47	YP\AJ	Ok,M
52	Q1383-11	PP069877.D	20 Feb 2025 03:03	YP\AJ	Not Ok
53	Q1383-13	PP069878.D	20 Feb 2025 03:20	YP\AJ	ReRun
54	Q1383-15	PP069879.D	20 Feb 2025 03:36	YP\AJ	Ok,M
55	Q1383-17	PP069880.D	20 Feb 2025 03:52	YP\AJ	ReRun
56	Q1383-19	PP069881.D	20 Feb 2025 04:08	YP\AJ	Ok,M
57	Q1383-21	PP069882.D	20 Feb 2025 04:24	YP\AJ	ReRun
58	Q1377-01	PP069883.D	20 Feb 2025 04:41	YP\AJ	Ok,M
59	Q1378-03	PP069884.D	20 Feb 2025 04:57	YP\AJ	Not Ok
60	AR1660CCC500	PP069885.D	20 Feb 2025 06:02	YP\AJ	Ok,M
61	AR1242CCC500	PP069886.D	20 Feb 2025 06:34	YP\AJ	Ok,M
62	AR1248CCC500	PP069887.D	20 Feb 2025 06:50	YP\AJ	Ok,M
63	AR1254CCC500	PP069888.D	20 Feb 2025 07:07	YP\AJ	Ok,M
64	I.BLK	PP069889.D	20 Feb 2025 07:23	YP\AJ	Ok,M
65	PB166785BL	PP069890.D	20 Feb 2025 07:39	YP\AJ	Ok,M
66	PB166785BS	PP069891.D	20 Feb 2025 07:55	YP\AJ	Ok,M
67	Q1389-01	PP069892.D	20 Feb 2025 08:12	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

68	Q1389-02	PP069893.D	20 Feb 2025 08:28	YP\AJ	Ok,M
69	Q1389-03	PP069894.D	20 Feb 2025 08:44	YP\AJ	Ok,M
70	Q1389-04	PP069895.D	20 Feb 2025 09:00	YP\AJ	Ok,M
71	Q1391-01	PP069896.D	20 Feb 2025 09:16	YP\AJ	Ok,M
72	Q1391-02	PP069897.D	20 Feb 2025 09:33	YP\AJ	Ok,M
73	AR1660CCC500	PP069898.D	20 Feb 2025 10:38	YP\AJ	Ok,M
74	AR1254CCC500	PP069899.D	20 Feb 2025 10:54	YP\AJ	Ok,M
75	I.BLK	PP069900.D	20 Feb 2025 11:10	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP022025

Review By	yogesh	Review On	2/21/2025 8:09:18 AM		
Supervise By	Ankita	Supervise On	2/21/2025 11:08:57 AM		
SubDirectory	PP022025	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP069901.D	20 Feb 2025 12:21	YP\AJ	Ok
2	AR1660CCC500	PP069902.D	20 Feb 2025 12:37	YP\AJ	Ok,M
3	AR1242CCC500	PP069903.D	20 Feb 2025 12:53	YP\AJ	Ok,M
4	AR1248CCC500	PP069904.D	20 Feb 2025 13:10	YP\AJ	Ok,M
5	AR1254CCC500	PP069905.D	20 Feb 2025 13:26	YP\AJ	Ok,M
6	I.BLK	PP069906.D	20 Feb 2025 13:42	YP\AJ	Ok,M
7	Q1392-01	PP069907.D	20 Feb 2025 13:59	YP\AJ	Ok,M
8	Q1393-05	PP069908.D	20 Feb 2025 14:15	YP\AJ	Ok,M
9	Q1390-01	PP069909.D	20 Feb 2025 14:31	YP\AJ	Ok,M
10	PB166799BL	PP069910.D	20 Feb 2025 14:48	YP\AJ	Ok,M
11	PB166799BS	PP069911.D	20 Feb 2025 15:04	YP\AJ	Ok,M
12	PB166799BSD	PP069912.D	20 Feb 2025 15:20	YP\AJ	Ok,M
13	PB166797BL	PP069913.D	20 Feb 2025 15:37	YP\AJ	Ok,M
14	PB166797BS	PP069914.D	20 Feb 2025 15:53	YP\AJ	Ok,M
15	Q1393-01	PP069915.D	20 Feb 2025 16:09	YP\AJ	Ok,M
16	Q1393-03	PP069916.D	20 Feb 2025 16:25	YP\AJ	Ok,M
17	AR1660CCC500	PP069917.D	20 Feb 2025 17:03	YP\AJ	Ok,M
18	AR1242CCC500	PP069918.D	20 Feb 2025 17:19	YP\AJ	Ok,M
19	AR1248CCC500	PP069919.D	20 Feb 2025 17:36	YP\AJ	Ok,M
20	AR1254CCC500	PP069920.D	20 Feb 2025 17:52	YP\AJ	Ok,M
21	I.BLK	PP069921.D	20 Feb 2025 18:08	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP022025

Review By	yogesh	Review On	2/21/2025 8:09:18 AM		
Supervise By	Ankita	Supervise On	2/21/2025 11:08:57 AM		
SubDirectory	PP022025	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1390-02	PP069922.D	20 Feb 2025 18:24	YP\AJ	Ok,M
23	Q1388-01	PP069923.D	20 Feb 2025 18:41	YP\AJ	Ok,M
24	Q1388-01MS	PP069924.D	20 Feb 2025 18:57	YP\AJ	Ok,M
25	Q1388-01MSD	PP069925.D	20 Feb 2025 19:13	YP\AJ	Ok,M
26	Q1382-01MS	PP069926.D	20 Feb 2025 19:29	YP\AJ	Ok,M
27	Q1382-01MSD	PP069927.D	20 Feb 2025 19:46	YP\AJ	Ok,M
28	Q1382-03RE	PP069928.D	20 Feb 2025 20:02	YP\AJ	Confirms
29	Q1382-05RE	PP069929.D	20 Feb 2025 20:18	YP\AJ	Confirms
30	Q1382-07RE	PP069930.D	20 Feb 2025 20:34	YP\AJ	Confirms
31	Q1382-11RE	PP069931.D	20 Feb 2025 20:50	YP\AJ	Confirms
32	AR1660CCC500	PP069932.D	20 Feb 2025 21:28	YP\AJ	Ok,M
33	AR1242CCC500	PP069933.D	20 Feb 2025 21:45	YP\AJ	Ok,M
34	AR1248CCC500	PP069934.D	20 Feb 2025 22:01	YP\AJ	Ok,M
35	AR1254CCC500	PP069935.D	20 Feb 2025 22:17	YP\AJ	Ok,M
36	I.BLK	PP069936.D	20 Feb 2025 22:33	YP\AJ	Ok,M
37	Q1382-19RE	PP069937.D	20 Feb 2025 22:49	YP\AJ	Confirms
38	Q1383-03RE	PP069938.D	20 Feb 2025 23:06	YP\AJ	Not Ok
39	Q1383-05RE	PP069939.D	20 Feb 2025 23:22	YP\AJ	Not Ok
40	Q1383-07RE	PP069940.D	20 Feb 2025 23:38	YP\AJ	Not Ok
41	Q1383-09RE	PP069941.D	20 Feb 2025 23:54	YP\AJ	Confirms
42	Q1383-13RE	PP069942.D	21 Feb 2025 00:10	YP\AJ	Confirms
43	Q1383-17RE	PP069943.D	21 Feb 2025 00:27	YP\AJ	Confirms
44	Q1383-21RE	PP069944.D	21 Feb 2025 00:43	YP\AJ	Confirms

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP022025

Review By	yogesh	Review On	2/21/2025 8:09:18 AM		
Supervise By	Ankita	Supervise On	2/21/2025 11:08:57 AM		
SubDirectory	PP022025	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q1382-09	PP069945.D	21 Feb 2025 00:59	YP\AJ	Ok,M
46	Q1383-11	PP069946.D	21 Feb 2025 01:15	YP\AJ	Ok,M
47	AR1660CCC500	PP069947.D	21 Feb 2025 01:53	YP\AJ	Ok,M
48	AR1242CCC500	PP069948.D	21 Feb 2025 02:09	YP\AJ	Ok,M
49	AR1248CCC500	PP069949.D	21 Feb 2025 02:26	YP\AJ	Ok,M
50	AR1254CCC500	PP069950.D	21 Feb 2025 02:42	YP\AJ	Ok,M
51	I.BLK	PP069951.D	21 Feb 2025 02:58	YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP022125

Review By	yogesh	Review On	2/24/2025 9:16:00 AM		
Supervise By	Ankita	Supervise On	2/24/2025 9:35:51 AM		
SubDirectory	PP022125	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP069952.D	21 Feb 2025 08:59	YP\AJ	Ok
2	AR1660CCC500	PP069953.D	21 Feb 2025 09:16	YP\AJ	Ok,M
3	AR1242CCC500	PP069954.D	21 Feb 2025 09:32	YP\AJ	Ok,M
4	AR1248CCC500	PP069955.D	21 Feb 2025 09:48	YP\AJ	Ok,M
5	AR1254CCC500	PP069956.D	21 Feb 2025 10:04	YP\AJ	Ok,M
6	I.BLK	PP069957.D	21 Feb 2025 11:42	YP\AJ	Ok,M
7	Q1383-03	PP069958.D	21 Feb 2025 11:58	YP\AJ	Ok,M
8	Q1383-05	PP069959.D	21 Feb 2025 12:14	YP\AJ	Ok,M
9	Q1383-07	PP069960.D	21 Feb 2025 12:31	YP\AJ	Ok,M
10	PB166814BL	PP069961.D	21 Feb 2025 12:47	YP\AJ	Ok,M
11	PB166814BS	PP069962.D	21 Feb 2025 13:03	YP\AJ	Ok,M
12	Q1396-04	PP069963.D	21 Feb 2025 13:20	YP\AJ	Ok,M
13	Q1396-01	PP069964.D	21 Feb 2025 13:36	YP\AJ	Ok,M
14	Q1396-02	PP069965.D	21 Feb 2025 13:52	YP\AJ	Ok,M
15	Q1396-03	PP069966.D	21 Feb 2025 14:09	YP\AJ	Ok,M
16	AR1660CCC500	PP069967.D	21 Feb 2025 14:58	YP\AJ	Ok,M
17	AR1242CCC500	PP069968.D	21 Feb 2025 15:14	YP\AJ	Ok,M
18	AR1248CCC500	PP069969.D	21 Feb 2025 15:30	YP\AJ	Ok,M
19	AR1254CCC500	PP069970.D	21 Feb 2025 15:47	YP\AJ	Ok,M
20	I.BLK	PP069971.D	21 Feb 2025 16:03	YP\AJ	Ok,M
21	PB166820BL	PP069972.D	21 Feb 2025 16:19	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP022125

Review By	yogesh	Review On	2/24/2025 9:16:00 AM		
Supervise By	Ankita	Supervise On	2/24/2025 9:35:51 AM		
SubDirectory	PP022125	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750 ,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP2376 5,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB166820BS	PP069973.D	21 Feb 2025 16:36	YP\AJ	Ok,M
23	Q1397-01	PP069974.D	21 Feb 2025 16:52	YP\AJ	Ok,M
24	Q1397-03	PP069975.D	21 Feb 2025 17:08	YP\AJ	Ok,M
25	Q1397-05	PP069976.D	21 Feb 2025 17:24	YP\AJ	Ok,M
26	Q1398-01	PP069977.D	21 Feb 2025 17:41	YP\AJ	Ok
27	Q1398-03	PP069978.D	21 Feb 2025 17:57	YP\AJ	Ok,M
28	Q1399-01	PP069979.D	21 Feb 2025 18:13	YP\AJ	Ok,M
29	Q1399-01MS	PP069980.D	21 Feb 2025 18:29	YP\AJ	Ok,M
30	Q1399-01MSD	PP069981.D	21 Feb 2025 18:46	YP\AJ	Ok,M
31	AR1660CCC500	PP069982.D	21 Feb 2025 19:34	YP\AJ	Ok,M
32	AR1242CCC500	PP069983.D	21 Feb 2025 19:51	YP\AJ	Ok,M
33	AR1248CCC500	PP069984.D	21 Feb 2025 20:07	YP\AJ	Ok,M
34	AR1254CCC500	PP069985.D	21 Feb 2025 20:23	YP\AJ	Ok,M
35	I.BLK	PP069986.D	21 Feb 2025 20:40	YP\AJ	Ok,M
36	Q1395-01	PP069987.D	21 Feb 2025 20:56	YP\AJ	Ok
37	Q1400-01	PP069988.D	21 Feb 2025 21:23	YP\AJ	Ok,M
38	AR1660CCC500	PP069989.D	21 Feb 2025 22:12	YP\AJ	Ok,M
39	AR1242CCC500	PP069990.D	21 Feb 2025 22:28	YP\AJ	Ok,M
40	AR1248CCC500	PP069991.D	21 Feb 2025 22:44	YP\AJ	Ok,M
41	AR1254CCC500	PP069992.D	21 Feb 2025 23:01	YP\AJ	Ok,M
42	I.BLK	PP069993.D	21 Feb 2025 23:17	YP\AJ	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP012825

Review By	yogesh	Review On	1/29/2025 8:01:22 AM		
Supervise By	Ankita	Supervise On	1/29/2025 12:56:57 PM		
SubDirectory	PP012825	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP069263.D	28 Jan 2025 09:05		YP\AJ	Ok
2	I.BLK	I.BLK	PP069264.D	28 Jan 2025 09:21		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP069265.D	28 Jan 2025 09:37		YP\AJ	Ok,M
4	AR1660ICC750	AR1660ICC750	PP069266.D	28 Jan 2025 09:54		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP069267.D	28 Jan 2025 10:10		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP069268.D	28 Jan 2025 10:26		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP069269.D	28 Jan 2025 11:15		YP\AJ	Ok
8	AR1221ICC500	AR1221ICC500	PP069270.D	28 Jan 2025 11:32		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP069271.D	28 Jan 2025 11:48		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP069272.D	28 Jan 2025 12:04		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP069273.D	28 Jan 2025 12:21		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP069274.D	28 Jan 2025 12:37		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP069275.D	28 Jan 2025 12:53		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP069276.D	28 Jan 2025 13:09		YP\AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PP069277.D	28 Jan 2025 13:26		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP069278.D	28 Jan 2025 13:42		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP069279.D	28 Jan 2025 13:58		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP069280.D	28 Jan 2025 14:15		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP012825

Review By	yogesh	Review On	1/29/2025 8:01:22 AM		
Supervise By	Ankita	Supervise On	1/29/2025 12:56:57 PM		
SubDirectory	PP012825	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP069281.D	28 Jan 2025 14:31		YP\AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP069282.D	28 Jan 2025 14:47		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PP069283.D	28 Jan 2025 15:04		YP\AJ	Ok
22	AR1254ICC500	AR1254ICC500	PP069284.D	28 Jan 2025 15:20		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PP069285.D	28 Jan 2025 15:36		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PP069286.D	28 Jan 2025 15:53		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP069287.D	28 Jan 2025 16:09		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP069288.D	28 Jan 2025 16:25		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP069289.D	28 Jan 2025 16:42		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP069290.D	28 Jan 2025 16:58		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP069291.D	28 Jan 2025 17:14		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP069292.D	28 Jan 2025 17:30		YP\AJ	Ok,M
31	PP012825ICV500	ICVPP012825	PP069293.D	28 Jan 2025 17:47		YP\AJ	Ok
32	AR1242ICV500	ICVPP012825AR1242	PP069294.D	28 Jan 2025 18:03		YP\AJ	Ok
33	AR1248ICV500	ICVPP012825AR1248	PP069295.D	28 Jan 2025 18:19		YP\AJ	Ok
34	AR1254ICV500	ICVPP012825AR1254	PP069296.D	28 Jan 2025 18:36		YP\AJ	Ok
35	AR1268ICV500	ICVPP012825AR1268	PP069297.D	28 Jan 2025 18:52		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP069826.D	19 Feb 2025 08:10		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP069827.D	19 Feb 2025 08:26		YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP069828.D	19 Feb 2025 08:47		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP069829.D	19 Feb 2025 09:03		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP069830.D	19 Feb 2025 09:19		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP069831.D	19 Feb 2025 10:11		YP\AJ	Ok,M
7	PB166749BL	PB166749BL	PP069832.D	19 Feb 2025 10:28		YP\AJ	Ok,M
8	PB166750BL	PB166750BL	PP069833.D	19 Feb 2025 10:44		YP\AJ	Ok,M
9	Q1373-02DL2	VDR25992DL2	PP069834.D	19 Feb 2025 11:01	AR1254 Hit	YP\AJ	Ok,M
10	Q1379-01	1A-1B-1C-GRAY-CAUL	PP069835.D	19 Feb 2025 11:17	TCMX high in 1st column	YP\AJ	Ok,M
11	Q1378-03	3A-3B-3C 1985 BUILD	PP069836.D	19 Feb 2025 11:33	DCB high in 2nd column,	YP\AJ	Ok,M
12	PB166770BL	PB166770BL	PP069837.D	19 Feb 2025 13:00		YP\AJ	Ok,M
13	PB166770BS	PB166770BS	PP069838.D	19 Feb 2025 13:16		YP\AJ	Ok,M
14	Q1382-01	OU4-PCS-TC-01-02172	PP069839.D	19 Feb 2025 13:32		YP\AJ	Ok,M
15	Q1382-01MS	OU4-PCS-TC-01-02172	PP069840.D	19 Feb 2025 13:48	DCB high in 2nd column, TCMX high in both column	YP\AJ	Not Ok
16	Q1382-01MSD	OU4-PCS-TC-01-02172	PP069841.D	19 Feb 2025 14:05	will be reanalzyed with MSD	YP\AJ	Not Ok
17	AR1660CCC500	AR1660CCC500	PP069842.D	19 Feb 2025 15:10		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	AR1242CCC500	AR1242CCC500	PP069843.D	19 Feb 2025 15:42		YP\AJ	Ok,M
19	AR1248CCC500	AR1248CCC500	PP069844.D	19 Feb 2025 15:58		YP\AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PP069845.D	19 Feb 2025 16:15		YP\AJ	Ok,M
21	I.BLK	I.BLK	PP069846.D	19 Feb 2025 16:31		YP\AJ	Ok,M
22	Q1382-03	OU4-PCS-TC-02-0217	PP069847.D	19 Feb 2025 16:47	TCMX high in both column	YP\AJ	ReRun
23	Q1382-05	OU4-PCS-TC-03-0217	PP069848.D	19 Feb 2025 17:03	AR1254 Hit, TCMX high in both column	YP\AJ	ReRun
24	Q1382-07	OU4-PCS-TC-04-0217	PP069849.D	19 Feb 2025 17:19	TCMX high in both column	YP\AJ	ReRun
25	Q1382-09	OU4-PCS-TC-05-0217	PP069850.D	19 Feb 2025 17:36	TCMX high in both column, DCB high in 1st column	YP\AJ	Not Ok
26	Q1382-11	OU4-PCS-TC-06-0217	PP069851.D	19 Feb 2025 17:52	AR1254 Hit, TCMX high in both column,	YP\AJ	ReRun
27	Q1382-13	OU4-PCS-TC-07-0217	PP069852.D	19 Feb 2025 18:08	AR1254 Hit, TCMX high in 1st column	YP\AJ	Ok,M
28	Q1382-15	OU4-PCS-TC-08-0217	PP069853.D	19 Feb 2025 18:24		YP\AJ	Ok,M
29	Q1382-17	OU4-PCS-TC-09-0217	PP069854.D	19 Feb 2025 18:40		YP\AJ	Ok,M
30	Q1382-19	OU4-PCS-TC-10-0217	PP069855.D	19 Feb 2025 18:57	TCMX high in both column	YP\AJ	ReRun
31	Q1384-01	OR-03-021823025	PP069856.D	19 Feb 2025 19:13		YP\AJ	Ok
32	AR1660CCC500	AR1660CCC500	PP069857.D	19 Feb 2025 20:18		YP\AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PP069858.D	19 Feb 2025 20:50		YP\AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PP069859.D	19 Feb 2025 21:07		YP\AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PP069860.D	19 Feb 2025 21:23		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

36	I.BLK	I.BLK	PP069861.D	19 Feb 2025 21:39		YP\AJ	Ok,M
37	PB166774BL	PB166774BL	PP069862.D	19 Feb 2025 21:55		YP\AJ	Ok,M
38	PB166774BS	PB166774BS	PP069863.D	19 Feb 2025 22:11		YP\AJ	Ok,M
39	Q1385-01	ST-1	PP069864.D	19 Feb 2025 22:28		YP\AJ	Ok,M
40	Q1383-01	OU4-PCS-TC-11-02172	PP069865.D	19 Feb 2025 22:44	AR1254 Hit	YP\AJ	Ok,M
41	Q1383-01MS	OU4-PCS-TC-11-02172	PP069866.D	19 Feb 2025 23:00		YP\AJ	Ok,M
42	Q1383-01MSD	OU4-PCS-TC-11-02172	PP069867.D	19 Feb 2025 23:16	TCMX High in 1st column	YP\AJ	Ok,M
43	Q1383-03	OU4-PCS-TC-12-02172	PP069868.D	19 Feb 2025 23:33	AR1254 Hit, TCMX high in both column,	YP\AJ	ReRun
44	Q1383-05	OU4-PCS-TC-13-02172	PP069869.D	19 Feb 2025 23:49	TCMX high in both column	YP\AJ	ReRun
45	Q1383-07	OU4-PCS-TC-14-02172	PP069870.D	20 Feb 2025 00:05	AR1254 Hit, TCMX high in both column	YP\AJ	ReRun
46	Q1383-09	OU4-PCS-TC-15-02172	PP069871.D	20 Feb 2025 00:21	AR1254 Hit, TCMX high in both column	YP\AJ	ReRun
47	AR1660CCC500	AR1660CCC500	PP069872.D	20 Feb 2025 01:26		YP\AJ	Ok,M
48	AR1242CCC500	AR1242CCC500	PP069873.D	20 Feb 2025 01:58		YP\AJ	Ok,M
49	AR1248CCC500	AR1248CCC500	PP069874.D	20 Feb 2025 02:15		YP\AJ	Ok,M
50	AR1254CCC500	AR1254CCC500	PP069875.D	20 Feb 2025 02:31		YP\AJ	Ok,M
51	I.BLK	I.BLK	PP069876.D	20 Feb 2025 02:47		YP\AJ	Ok,M
52	Q1383-11	OU4-PCS-TC-16-02172	PP069877.D	20 Feb 2025 03:03	TCMX high in both column, DCB High in 1st column	YP\AJ	Not Ok
53	Q1383-13	OU4-PCS-TC-17-02172	PP069878.D	20 Feb 2025 03:20	TCMX high in both column	YP\AJ	ReRun

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

54	Q1383-15	OU4-PCS-TC-18-02172	PP069879.D	20 Feb 2025 03:36		YP\AJ	Ok,M
55	Q1383-17	OU4-PCS-TC-19-02172	PP069880.D	20 Feb 2025 03:52	TCMX high in both column	YP\AJ	ReRun
56	Q1383-19	OU4-PCS-TC-20-02172	PP069881.D	20 Feb 2025 04:08		YP\AJ	Ok,M
57	Q1383-21	OU4-CF-15-021725	PP069882.D	20 Feb 2025 04:24	TCMX high in both column	YP\AJ	ReRun
58	Q1377-01	K-1311	PP069883.D	20 Feb 2025 04:41	TCMX high in one column	YP\AJ	Ok,M
59	Q1378-03	3A-3B-3C 1985 BUILD	PP069884.D	20 Feb 2025 04:57	already analyzed	YP\AJ	Not Ok
60	AR1660CCC500	AR1660CCC500	PP069885.D	20 Feb 2025 06:02		YP\AJ	Ok,M
61	AR1242CCC500	AR1242CCC500	PP069886.D	20 Feb 2025 06:34		YP\AJ	Ok,M
62	AR1248CCC500	AR1248CCC500	PP069887.D	20 Feb 2025 06:50		YP\AJ	Ok,M
63	AR1254CCC500	AR1254CCC500	PP069888.D	20 Feb 2025 07:07		YP\AJ	Ok,M
64	I.BLK	I.BLK	PP069889.D	20 Feb 2025 07:23		YP\AJ	Ok,M
65	PB166785BL	PB166785BL	PP069890.D	20 Feb 2025 07:39		YP\AJ	Ok,M
66	PB166785BS	PB166785BS	PP069891.D	20 Feb 2025 07:55		YP\AJ	Ok,M
67	Q1389-01	BC271336-1-1	PP069892.D	20 Feb 2025 08:12	AR1254 Hit	YP\AJ	Ok,M
68	Q1389-02	BC271336-1-2	PP069893.D	20 Feb 2025 08:28	AR1254 Hit	YP\AJ	Ok,M
69	Q1389-03	BC271336-2-1	PP069894.D	20 Feb 2025 08:44		YP\AJ	Ok,M
70	Q1389-04	BC271336-2-2	PP069895.D	20 Feb 2025 09:00		YP\AJ	Ok,M
71	Q1391-01	HIH385R-1-1	PP069896.D	20 Feb 2025 09:16	AR1254 Hit	YP\AJ	Ok,M
72	Q1391-02	HIH385R-1-2	PP069897.D	20 Feb 2025 09:33		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP021925

Review By	yogesh	Review On	2/19/2025 11:05:18 AM		
Supervise By	Ankita	Supervise On	2/20/2025 12:57:16 PM		
SubDirectory	PP021925	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

73	AR1660CCC500	AR1660CCC500	PP069898.D	20 Feb 2025 10:38		YP\AJ	Ok,M
74	AR1254CCC500	AR1254CCC500	PP069899.D	20 Feb 2025 10:54		YP\AJ	Ok,M
75	I.BLK	I.BLK	PP069900.D	20 Feb 2025 11:10		YP\AJ	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP022025

Review By	yogesh	Review On	2/21/2025 8:09:18 AM		
Supervise By	Ankita	Supervise On	2/21/2025 11:08:57 AM		
SubDirectory	PP022025	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP069901.D	20 Feb 2025 12:21		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP069902.D	20 Feb 2025 12:37		YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP069903.D	20 Feb 2025 12:53		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP069904.D	20 Feb 2025 13:10		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP069905.D	20 Feb 2025 13:26		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP069906.D	20 Feb 2025 13:42		YP\AJ	Ok,M
7	Q1392-01	435	PP069907.D	20 Feb 2025 13:59		YP\AJ	Ok,M
8	Q1393-05	PURGE-WATER-COMP	PP069908.D	20 Feb 2025 14:15		YP\AJ	Ok,M
9	Q1390-01	3771	PP069909.D	20 Feb 2025 14:31		YP\AJ	Ok,M
10	PB166799BL	PB166799BL	PP069910.D	20 Feb 2025 14:48		YP\AJ	Ok,M
11	PB166799BS	PB166799BS	PP069911.D	20 Feb 2025 15:04		YP\AJ	Ok,M
12	PB166799BSD	PB166799BSD	PP069912.D	20 Feb 2025 15:20		YP\AJ	Ok,M
13	PB166797BL	PB166797BL	PP069913.D	20 Feb 2025 15:37		YP\AJ	Ok,M
14	PB166797BS	PB166797BS	PP069914.D	20 Feb 2025 15:53		YP\AJ	Ok,M
15	Q1393-01	SOIL-COMP	PP069915.D	20 Feb 2025 16:09	AR1254 HIT	YP\AJ	Ok,M
16	Q1393-03	OD-281	PP069916.D	20 Feb 2025 16:25	AR1260 Hit	YP\AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PP069917.D	20 Feb 2025 17:03		YP\AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PP069918.D	20 Feb 2025 17:19		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP022025

Review By	yogesh	Review On	2/21/2025 8:09:18 AM		
Supervise By	Ankita	Supervise On	2/21/2025 11:08:57 AM		
SubDirectory	PP022025	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PP069919.D	20 Feb 2025 17:36		YP\AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PP069920.D	20 Feb 2025 17:52		YP\AJ	Ok,M
21	I.BLK	I.BLK	PP069921.D	20 Feb 2025 18:08		YP\AJ	Ok,M
22	Q1390-02	3772	PP069922.D	20 Feb 2025 18:24		YP\AJ	Ok,M
23	Q1388-01	72-12016	PP069923.D	20 Feb 2025 18:41		YP\AJ	Ok,M
24	Q1388-01MS	72-12016MS	PP069924.D	20 Feb 2025 18:57		YP\AJ	Ok,M
25	Q1388-01MSD	72-12016MSD	PP069925.D	20 Feb 2025 19:13		YP\AJ	Ok,M
26	Q1382-01MS	OU4-PCS-TC-01-02172	PP069926.D	20 Feb 2025 19:29		YP\AJ	Ok,M
27	Q1382-01MSD	OU4-PCS-TC-01-02172	PP069927.D	20 Feb 2025 19:46		YP\AJ	Ok,M
28	Q1382-03RE	OU4-PCS-TC-02-02172	PP069928.D	20 Feb 2025 20:02	TCMX high in both column	YP\AJ	Confirms
29	Q1382-05RE	OU4-PCS-TC-03-02172	PP069929.D	20 Feb 2025 20:18	AR1254 Hit, TCMX high in both column	YP\AJ	Confirms
30	Q1382-07RE	OU4-PCS-TC-04-02172	PP069930.D	20 Feb 2025 20:34	TCMX high in both column	YP\AJ	Confirms
31	Q1382-11RE	OU4-PCS-TC-06-02172	PP069931.D	20 Feb 2025 20:50	AR1254 Hit, TCMX high in both column,	YP\AJ	Confirms
32	AR1660CCC500	AR1660CCC500	PP069932.D	20 Feb 2025 21:28		YP\AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PP069933.D	20 Feb 2025 21:45		YP\AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PP069934.D	20 Feb 2025 22:01		YP\AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PP069935.D	20 Feb 2025 22:17		YP\AJ	Ok,M
36	I.BLK	I.BLK	PP069936.D	20 Feb 2025 22:33		YP\AJ	Ok,M
37	Q1382-19RE	OU4-PCS-TC-10-02172	PP069937.D	20 Feb 2025 22:49	TCMX high in both column	YP\AJ	Confirms

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP022025

Review By	yogesh	Review On	2/21/2025 8:09:18 AM		
Supervise By	Ankita	Supervise On	2/21/2025 11:08:57 AM		
SubDirectory	PP022025	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q1383-03RE	OU4-PCS-TC-12-02172	PP069938.D	20 Feb 2025 23:06	AR1254 Hit, DCB &TCMX high in both column	YP\AJ	Not Ok
39	Q1383-05RE	OU4-PCS-TC-13-02172	PP069939.D	20 Feb 2025 23:22	surrogate fail	YP\AJ	Not Ok
40	Q1383-07RE	OU4-PCS-TC-14-02172	PP069940.D	20 Feb 2025 23:38	AR1254 Hit, surrogate fail	YP\AJ	Not Ok
41	Q1383-09RE	OU4-PCS-TC-15-02172	PP069941.D	20 Feb 2025 23:54	TCMX high in both column , AR1254 HIT	YP\AJ	Confirms
42	Q1383-13RE	OU4-PCS-TC-17-02172	PP069942.D	21 Feb 2025 00:10	TCMX high in both column	YP\AJ	Confirms
43	Q1383-17RE	OU4-PCS-TC-19-02172	PP069943.D	21 Feb 2025 00:27	TCMX high in both column	YP\AJ	Confirms
44	Q1383-21RE	OU4-CF-15-021725RE	PP069944.D	21 Feb 2025 00:43	TCMX high in both column	YP\AJ	Confirms
45	Q1382-09	OU4-PCS-TC-05-02172	PP069945.D	21 Feb 2025 00:59		YP\AJ	Ok,M
46	Q1383-11	OU4-PCS-TC-16-02172	PP069946.D	21 Feb 2025 01:15		YP\AJ	Ok,M
47	AR1660CCC500	AR1660CCC500	PP069947.D	21 Feb 2025 01:53		YP\AJ	Ok,M
48	AR1242CCC500	AR1242CCC500	PP069948.D	21 Feb 2025 02:09		YP\AJ	Ok,M
49	AR1248CCC500	AR1248CCC500	PP069949.D	21 Feb 2025 02:26		YP\AJ	Ok,M
50	AR1254CCC500	AR1254CCC500	PP069950.D	21 Feb 2025 02:42		YP\AJ	Ok,M
51	I.BLK	I.BLK	PP069951.D	21 Feb 2025 02:58		YP\AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP022125

Review By	yogesh	Review On	2/24/2025 9:16:00 AM		
Supervise By	Ankita	Supervise On	2/24/2025 9:35:51 AM		
SubDirectory	PP022125	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP069952.D	21 Feb 2025 08:59		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP069953.D	21 Feb 2025 09:16		YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP069954.D	21 Feb 2025 09:32		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP069955.D	21 Feb 2025 09:48		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP069956.D	21 Feb 2025 10:04		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP069957.D	21 Feb 2025 11:42		YP\AJ	Ok,M
7	Q1383-03	OU4-PCS-TC-12-02172	PP069958.D	21 Feb 2025 11:58	AR1254 Hit	YP\AJ	Ok,M
8	Q1383-05	OU4-PCS-TC-13-02172	PP069959.D	21 Feb 2025 12:14		YP\AJ	Ok,M
9	Q1383-07	OU4-PCS-TC-14-02172	PP069960.D	21 Feb 2025 12:31	AR1254 Hit	YP\AJ	Ok,M
10	PB166814BL	PB166814BL	PP069961.D	21 Feb 2025 12:47		YP\AJ	Ok,M
11	PB166814BS	PB166814BS	PP069962.D	21 Feb 2025 13:03		YP\AJ	Ok,M
12	Q1396-04	JEH4134-1-2	PP069963.D	21 Feb 2025 13:20		YP\AJ	Ok,M
13	Q1396-01	BC280566-1-1	PP069964.D	21 Feb 2025 13:36	DCB high in 1st column	YP\AJ	Ok,M
14	Q1396-02	BC280566-1-2	PP069965.D	21 Feb 2025 13:52	DCB high in 1st column	YP\AJ	Ok,M
15	Q1396-03	JEH4134-1-1	PP069966.D	21 Feb 2025 14:09		YP\AJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PP069967.D	21 Feb 2025 14:58		YP\AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PP069968.D	21 Feb 2025 15:14		YP\AJ	Ok,M
18	AR1248CCC500	AR1248CCC500	PP069969.D	21 Feb 2025 15:30		YP\AJ	Ok,M

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP022125

Review By	yogesh	Review On	2/24/2025 9:16:00 AM		
Supervise By	Ankita	Supervise On	2/24/2025 9:35:51 AM		
SubDirectory	PP022125	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1254CCC500	AR1254CCC500	PP069970.D	21 Feb 2025 15:47		YP\AJ	Ok,M
20	I.BLK	I.BLK	PP069971.D	21 Feb 2025 16:03		YP\AJ	Ok,M
21	PB166820BL	PB166820BL	PP069972.D	21 Feb 2025 16:19		YP\AJ	Ok,M
22	PB166820BS	PB166820BS	PP069973.D	21 Feb 2025 16:36		YP\AJ	Ok,M
23	Q1397-01	STOCK-PILE	PP069974.D	21 Feb 2025 16:52	AR1260 Hit	YP\AJ	Ok,M
24	Q1397-03	TP7	PP069975.D	21 Feb 2025 17:08	AR1254 + AR1260 Hit	YP\AJ	Ok,M
25	Q1397-05	TP8	PP069976.D	21 Feb 2025 17:24	AR1254 + AR1260 Hit	YP\AJ	Ok,M
26	Q1398-01	BUS-DISCONNECT	PP069977.D	21 Feb 2025 17:41	AR1260 Hit	YP\AJ	Ok
27	Q1398-03	HANDHOLD	PP069978.D	21 Feb 2025 17:57	AR1260 Hit	YP\AJ	Ok,M
28	Q1399-01	SU-04-02202025	PP069979.D	21 Feb 2025 18:13		YP\AJ	Ok,M
29	Q1399-01MS	SU-04-02202025MS	PP069980.D	21 Feb 2025 18:29		YP\AJ	Ok,M
30	Q1399-01MSD	SU-04-02202025MSD	PP069981.D	21 Feb 2025 18:46	AR1260 RPD Fail	YP\AJ	Ok,M
31	AR1660CCC500	AR1660CCC500	PP069982.D	21 Feb 2025 19:34		YP\AJ	Ok,M
32	AR1242CCC500	AR1242CCC500	PP069983.D	21 Feb 2025 19:51		YP\AJ	Ok,M
33	AR1248CCC500	AR1248CCC500	PP069984.D	21 Feb 2025 20:07		YP\AJ	Ok,M
34	AR1254CCC500	AR1254CCC500	PP069985.D	21 Feb 2025 20:23		YP\AJ	Ok,M
35	I.BLK	I.BLK	PP069986.D	21 Feb 2025 20:40		YP\AJ	Ok,M
36	Q1395-01	BEL-25-0005	PP069987.D	21 Feb 2025 20:56		YP\AJ	Ok
37	Q1400-01	EO-02-02202025	PP069988.D	21 Feb 2025 21:23		YP\AJ	Ok,M

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP022125

Review By	yogesh	Review On	2/24/2025 9:16:00 AM		
Supervise By	Ankita	Supervise On	2/24/2025 9:35:51 AM		
SubDirectory	PP022125	HP Acquire Method		HP Processing Method	PP012825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775
CCC	PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773
Internal Standard/PEM	
ICV/I.BLK	PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	AR1660CCC500	AR1660CCC500	PP069989.D	21 Feb 2025 22:12		YP\AJ	Ok,M
39	AR1242CCC500	AR1242CCC500	PP069990.D	21 Feb 2025 22:28		YP\AJ	Ok,M
40	AR1248CCC500	AR1248CCC500	PP069991.D	21 Feb 2025 22:44		YP\AJ	Ok,M
41	AR1254CCC500	AR1254CCC500	PP069992.D	21 Feb 2025 23:01		YP\AJ	Ok,M
42	I.BLK	I.BLK	PP069993.D	21 Feb 2025 23:17		YP\AJ	Ok,M

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 2/19/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 02/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 02/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134739

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
Q1380-06	BP-VPB-192-GW-725-727	1	1.15	8.48	9.63	1.78	7.4	SLUDGE SAMPLE
Q1380-07	Q1380-06MS	2	1.15	8.48	9.63	1.78	7.4	SLUDGE SAMPLE
Q1380-08	Q1380-06MSD	3	1.15	8.48	9.63	1.78	7.4	SLUDGE SAMPLE
Q1382-01	OU4-PCS-TC-01-021725	4	1.15	8.56	9.71	9.02	91.9	
Q1382-03	OU4-PCS-TC-02-021725	5	1.15	8.59	9.74	9.03	91.7	
Q1382-05	OU4-PCS-TC-03-021725	6	1.15	8.56	9.71	9.06	92.4	
Q1382-07	OU4-PCS-TC-04-021725	7	1.16	8.80	9.96	9.3	92.5	
Q1382-09	OU4-PCS-TC-05-021725	8	1.16	8.65	9.81	9.12	92.0	
Q1382-11	OU4-PCS-TC-06-021725	9	1.12	8.76	9.88	9.2	92.2	
Q1382-13	OU4-PCS-TC-07-021725	10	1.11	8.67	9.78	9.1	92.2	
Q1382-15	OU4-PCS-TC-08-021725	11	1.19	8.61	9.8	9.16	92.6	
Q1382-17	OU4-PCS-TC-09-021725	12	1.14	8.66	9.8	9.16	92.6	
Q1382-19	OU4-PCS-TC-10-021725	13	1.14	8.84	9.98	9.4	93.4	
Q1383-01	OU4-PCS-TC-11-021725	14	1.17	8.74	9.91	9.26	92.6	
Q1383-03	OU4-PCS-TC-12-021725	15	1.15	8.73	9.88	9.2	92.2	
Q1383-05	OU4-PCS-TC-13-021725	16	1.12	8.76	9.88	9.22	92.5	
Q1383-07	OU4-PCS-TC-14-021725	17	1.18	8.58	9.76	9.08	92.1	
Q1383-09	OU4-PCS-TC-15-021725	18	1.13	8.77	9.9	9.24	92.5	
Q1383-11	OU4-PCS-TC-16-021725	19	1.16	8.61	9.77	9.09	92.1	
Q1383-13	OU4-PCS-TC-17-021725	20	1.19	8.58	9.77	9.03	91.4	
Q1383-15	OU4-PCS-TC-18-021725	21	1.15	8.60	9.75	9.05	91.9	
Q1383-17	OU4-PCS-TC-19-021725	22	1.15	8.84	9.99	9.29	92.1	
Q1383-19	OU4-PCS-TC-20-021725	23	1.13	8.67	9.8	9.12	92.2	
Q1383-21	OU4-CF-15-021725	24	1.16	8.50	9.66	9.02	92.5	
Q1384-01	OR-03-021823025	25	1.15	8.81	9.96	8.96	88.6	
Q1384-02	OR-03-021823025-E2	26	1.17	8.82	9.99	9.04	89.2	
Q1385-01	ST-1	27	1.00	1.00	2.00	2.00	100.0	CONCRETE sample
Q1385-02	ST-1-E2	28	1.00	1.00	2.00	2.00	100.0	CONCRETE sample

Alliance TECHNICAL GROUP

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 2/19/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 16:40
In Date: 02/18/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 02/19/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB134739

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

VB 134739

WorkList Name : %1-021825 **WorkList ID :** 187742 **Department :** Wet-Chemistry **Date :** 02-18-2025 08:35:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1380-06	BP-VPB-192-GW-725-727	Solid	Percent Solids	Cool 4 deg C	TETR06	H31	02/10/2025	Chemtech -SO
Q1380-07	Q1380-06MS	Solid	Percent Solids	Cool 4 deg C	TETR06	H31	02/10/2025	Chemtech -SO
Q1380-08	Q1380-06MSD	Solid	Percent Solids	Cool 4 deg C	TETR06	H31	02/10/2025	Chemtech -SO
Q1382-01	OU4-PCS-TC-01-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-03	OU4-PCS-TC-02-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-05	OU4-PCS-TC-03-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-07	OU4-PCS-TC-04-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-09	OU4-PCS-TC-05-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-11	OU4-PCS-TC-06-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-13	OU4-PCS-TC-07-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-15	OU4-PCS-TC-08-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-17	OU4-PCS-TC-09-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1382-19	OU4-PCS-TC-10-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-01	OU4-PCS-TC-11-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-03	OU4-PCS-TC-12-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-05	OU4-PCS-TC-13-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-07	OU4-PCS-TC-14-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-09	OU4-PCS-TC-15-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-11	OU4-PCS-TC-16-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-13	OU4-PCS-TC-17-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-15	OU4-PCS-TC-18-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO

Date/Time 02/18/25 15:00

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 02/18/25 17:00

Raw Sample Received by:

Raw Sample Relinquished by:

WORKLIST(Hardcopy Internal Chain)

VB1347 39

WorkList Name : %1-021825 **WorkList ID :** 187742 **Department :** Wet-Chemistry **Date :** 02-18-2025 08:35:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1383-17	OU4-PCS-TC-19-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-19	OU4-PCS-TC-20-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1383-21	OU4-CF-15-021725	Solid	Percent Solids	Cool 4 deg C	NOBI03	H31	02/17/2025	Chemtech -SO
Q1384-01	OR-03-021823025	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	02/18/2025	Chemtech -SO
Q1384-02	OR-03-021823025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	N41	02/18/2025	Chemtech -SO
Q1385-01	ST-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	H21	02/18/2025	Chemtech -SO
Q1385-02	ST-1-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	H21	02/18/2025	Chemtech -SO

Date/Time 02/18/25 15:00

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 02/18/25 17:00

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB166774

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Extraction By: RJ

Balance check: RJ

Filter By: RJ

Balance ID: EX-SC-2

pH Meter ID: N/A

pH Strip Lot#: N/A

Hood ID: 3,7

Extraction Start Date : 02/19/2025

Extraction Start Time : 09:40

Extraction End Date : 02/19/2025

Extraction End Time : 12:40

Concentration By: EH

Supervisor By : rajesh

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☑ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24093
Surrogate	1.0ML	200 PPB	PP24123
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone /9:1	N/A	EP2583
Baked Na2SO4	N/A	EP2589
Sand	N/A	E2865
H2SO4 1:1	N/A	EP2565
Hexane	N/A	E3877
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
02/19/25	RP (Ext. Lab)	R. Pell/PCB Lab
12:45	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB166774

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 02/19/2025

Sample ID	Client Sample ID	Test	(g) mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166774BL	ABLK774	PCB	30.03	N/A	ritesh	Evelyn	10			U7-1
PB166774BS	ALCS774	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q1383-01	OU4-PCS-TC-11-021725	PCB	30.02	N/A	ritesh	Evelyn	10	E		3
Q1383-01MS	OU4-PCS-TC-11-021725MS	PCB	30.04	N/A	ritesh	Evelyn	10	E		4
Q1383-01MSD	OU4-PCS-TC-11-021725MSD	PCB	30.08	N/A	ritesh	Evelyn	10	E		5
Q1383-03	OU4-PCS-TC-12-021725	PCB	30.05	N/A	ritesh	Evelyn	10	E		6
Q1383-05	OU4-PCS-TC-13-021725	PCB	30.03	N/A	ritesh	Evelyn	10	E		U6-1
Q1383-07	OU4-PCS-TC-14-021725	PCB	30.01	N/A	ritesh	Evelyn	10	E		2
Q1383-09	OU4-PCS-TC-15-021725	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
Q1383-11	OU4-PCS-TC-16-021725	PCB	30.05	N/A	ritesh	Evelyn	10	E		4
Q1383-13	OU4-PCS-TC-17-021725	PCB	30.02	N/A	ritesh	Evelyn	10	E		5
Q1383-15	OU4-PCS-TC-18-021725	PCB	30.03	N/A	ritesh	Evelyn	10	E		6
Q1383-17	OU4-PCS-TC-19-021725	PCB	30.08	N/A	ritesh	Evelyn	10	E		U4-1
Q1383-19	OU4-PCS-TC-20-021725	PCB	30.07	N/A	ritesh	Evelyn	10	E		2
Q1383-21	OU4-CF-15-021725	PCB	30.04	N/A	ritesh	Evelyn	10	E		3

* **Extracts relinquished on the same date as received.**

2/19/25

166774
9:40

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1383P **WorkList ID :** 187764 **Department :** Extraction **Date :** 02-19-2025 08:07:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1383-01	OU4-PCS-TC-11-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1383-03	OU4-PCS-TC-12-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1383-05	OU4-PCS-TC-13-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1383-07	OU4-PCS-TC-14-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1383-09	OU4-PCS-TC-15-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1383-11	OU4-PCS-TC-16-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1383-13	OU4-PCS-TC-17-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1383-15	OU4-PCS-TC-18-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1383-17	OU4-PCS-TC-19-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1383-19	OU4-PCS-TC-20-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A
Q1383-21	OU4-CF-15-021725	Solid	PCB	Cool 4 deg C	NOBI03	H31	02/17/2025	8082A

601 of 1678

Date/Time 02/19/25 9:35
Raw Sample Received by: RJ (Self Lock)
Raw Sample Relinquished by: CP SM

Date/Time 02/19/25 10:00
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (Self Lock)

Q1383-PCB

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Prep Standard - Chemical Standard Summary

Order ID : Q1383

Test : PCB

Prepbatch ID : PB166774,

Sequence ID/Qc Batch ID: PP021925,PP022025,pp022125,

Standard ID :
EP2565,EP2583,EP2589,PP23733,PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775,PP23776,PP23777,PP23778,PP23779,PP23780,PP23781,PP23782,PP23783,PP23784,PP23785,PP23786,PP23787,PP23788,PP23789,PP23790,PP23946,PP23947,PP24093,PP24123,

Chemical ID :
E2865,E3551,E3804,E3805,E3825,E3843,E3846,E3872,E3873,E3877,M5173,P10483,P10500,P 11507,P11512,P11521,P11581,P11587,P11590,P11597,P12698,P12929,P12934,P12947,P12957,P13033,P13350,P13353,P13372,W 3112,

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2565	11/20/2024	05/20/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 11/20/2024

FROM 1000.00000ml of M5173 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
230	1:1ACETONE/HEXANE	EP2583	02/04/2025	07/29/2025	Rajesh Parikh	None	None	RUPESHKUMAR SHAH 02/04/2025

FROM 8000.00000ml of E3872 + 8000.00000ml of E3873 = Final Quantity: 8000.000 ml

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2589	02/14/2025	07/01/2025	Rajesh Parikh	Extraction_SCALE_2 (EX-SC-2)	None	RUPESHKUMAR SHAH 02/14/2025

FROM 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP23733	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P13350 + 9.00000ml of E3805 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
202	AR1660 1000/100 ppb working solution 1st source	PP23735	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P10483 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
203	AR1660 750 PPB STD	PP23736	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23735 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
204	AR1660 500 PPB STD	PP23737	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23735 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
205	AR1660 250 PPB STD	PP23738	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23735 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
206	AR1660 50 PPB STD	PP23739	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23737 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
213	AR1221 1000 PPB WORKING SOLUTION	PP23740	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11581 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1079	AR1221 750 PPB STD	PP23741	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23740 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
222	AR1221 500 PPB STD	PP23742	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23740 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1080	AR1221 250 PPB STD	PP23743	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23740 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1081	AR1221 50 PPB STD	PP23744	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23742 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
214	AR1232 1000 PPB WORKING SOLUTION	PP23745	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11587 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1063	AR1232 750 PPB STD	PP23747	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23745 = Final Quantity: 1.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
223	AR1232 500 PPB STD	PP23748	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23745 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1064	AR1232 250 PPB STD	PP23749	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23745 = Final Quantity: 1.000 ml

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1065	AR1232 50 PPB STD	PP23750	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23748 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
215	AR1242 1000 PPB WORKING STD	PP23751	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P12929 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Fax : 908 789 8922

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1067	AR1242 750 PPB STD	PP23752	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23751 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
224	AR1242 500 PPB STD	PP23753	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23751 = Final Quantity: 1.000 ml

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Fax : 908 789 8922

Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1068	AR1242 250 PPB STD	PP23754	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23751 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1069	AR1242 50 PPB STD	PP23755	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23753 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
216	AR1248 1000 PPB WORKING STD	PP23756	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P12934 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1075	AR1248 750 PPB STD	PP23757	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23756 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
225	AR1248 500 PPB STD	PP23758	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23756 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1076	AR1248 250 PPB STD	PP23759	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23756 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1077	AR1248 50 PPB STD	PP23760	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23758 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
217	AR1254 1000 PPB WORKING STD	PP23761	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11590 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1071	AR1254 750 PPB STD	PP23762	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23761 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
226	AR1254 500 PPB STD	PP23763	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23761 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1072	AR1254 250 PPB STD	PP23764	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23761 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1073	AR1254 50 PPB STD	PP23765	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23763 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1529	AR1262 1000 PPB Working Solution	PP23766	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P10500 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3753	AR1262 750 PPB STD	PP23767	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23766 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1530	AR1262 500 PPB STD	PP23768	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23766 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3754	AR1262 250 PPB STD	PP23769	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23766 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3755	AR1262 50 PPB STD	PP23770	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23768 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1532	AR1268 1000 PPB Working Solution	PP23771	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11597 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3820	AR1268 750 PPB STD	PP23772	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.25000ml of E3805 + 0.75000ml of PP23771 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1533	AR1268 500 PPB STD	PP23773	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23771 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3821	AR1268 250 PPB STD	PP23774	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.75000ml of E3805 + 0.25000ml of PP23771 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3822	AR1268 50 PPB STD	PP23775	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.90000ml of E3805 + 0.10000ml of PP23773 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
404	AR1660 100 PPM Stock Solution 2nd Source	PP23776	10/03/2024	04/01/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12947 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
405	AR1660 1000/100 PPB ICV STD	PP23777	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 98.50000ml of E3805 + 0.50000ml of PP23733 + 1.00000ml of PP23776 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
406	AR1660 500 PPB ICV	PP23778	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23777 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP23779	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P13372 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3790	AR1221 500 PPB ICV(AGILENT)	PP23780	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23779 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP23781	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12698 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP23782	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P11507 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1888	AR1232 500 PPB ICV	PP23783	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23781 = Final Quantity: 1.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1891	AR1242 500 PPB ICV	PP23784	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23782 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP23785	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P11512 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1892	AR1248 500 PPB ICV	PP23786	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23785 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP23787	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 1.00000ml of P12957 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1894	AR1254 500 PPB ICV	PP23788	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23787 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3757	AR1262 1000 PPB Working Solution second source	PP23789	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.10000ml of P13033 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3758	AR1262 500 PPB STD ICV	PP23790	10/03/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 10/03/2024

FROM 0.50000ml of E3805 + 0.50000ml of PP23789 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3817	AR1268 1000 ppb Working Soln. 2nd source	PP23946	11/07/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 11/13/2024

FROM 1.00000ml of P11521 + 98.50000ml of E3825 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3823	AR1268 500 PPB STD ICV	PP23947	11/07/2024	03/30/2025	Ankita Jodhani	None	None	Yogesh Patel 11/13/2024

FROM 0.50000ml of E3825 + 0.50000ml of PP23946 = Final Quantity: 1.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24093	12/20/2024	04/03/2025	Ankita Jodhani	None	None	Yogesh Patel 01/16/2025

FROM 0.50000ml of P12947 + 99.50000ml of E3843 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP24123	01/20/2025	06/26/2025	Abdul Mirza	None	None	Ankita Jodhani 01/20/2025

FROM 1.00000ml of P13353 + 999.00000ml of E3846 = Final Quantity: 1000.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	0000243821	06/30/2025	04/30/2020 / RAJESH	04/28/2020 / RAJESH	E2865

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	313201	07/01/2025	01/03/2024 / Rajesh	07/20/2023 / Rajesh	E3551

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	11/05/2025	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3804

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24C1862008	03/30/2025	09/30/2024 / Rajesh	09/25/2024 / Rajesh	E3805

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	11/06/2025	11/06/2024 / Rajesh	11/01/2024 / Rajesh	E3825

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	06/05/2025	12/05/2024 / Rajesh	12/05/2024 / Rajesh	E3843

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	06/26/2025	12/26/2024 / Rajesh	12/13/2024 / Rajesh	E3846

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	07/29/2025	01/29/2025 / Rajesh	01/29/2025 / Rajesh	E3872

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	07/29/2025	01/29/2025 / Rajesh	01/29/2025 / Rajesh	E3873

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	08/12/2025	02/12/2025 / Rajesh	02/12/2025 / Rajesh	E3877

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	0000281827	06/02/2025	06/01/2022 /	04/05/2022 / william	M5173

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul	A0163157	04/03/2025	10/03/2024 / Ankita	03/19/2021 / Abdul	P10483

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane	A0167722	04/03/2025	10/03/2024 / Ankita	03/19/2021 / Ankita	P10500

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	04/03/2025	10/03/2024 / Ankita	02/21/2022 / Ankita	P11507

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006626997	04/03/2025	10/03/2024 / Ankita	02/21/2022 / Ankita	P11512

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	05/07/2025	11/07/2024 / Ankita	02/21/2022 / Ankita	P11521

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0175456	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11581

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul	A0173309	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11587

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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	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0175403	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11590

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane	A0181782	04/03/2025	10/03/2024 / Ankita	03/18/2022 / Abdul	P11597

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	91867 / Aroclor 1232 100 ug/mL	020823	04/03/2025	10/03/2024 / Ankita	08/07/2023 / Ankita	P12698

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	a0203672	04/03/2025	10/03/2024 / Ankita	12/07/2023 / Ankita	P12929

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul	a0202803	04/03/2025	10/03/2024 / Ankita	12/07/2023 / Ankita	P12934

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12947

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ Arochlor 1254	121823	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12957

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	90165 / Aroclor 1262	112322	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P13033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	04/03/2025	10/03/2024 / Ankita	04/22/2024 / Abdul	P13350

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	07/20/2025	01/20/2025 / Abdul	04/22/2024 / Abdul	P13353

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	04/03/2025	10/03/2024 / Ankita	05/02/2024 / Ankita	P13372

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

Sand
Purified
Washed and Ignited

avantor™ | J.T.Baker®

Material No.: 3382-05
Batch No.: 0000243821
Manufactured Date: 2018/04/09
Retest Date: 2025/04/07
Revision No: 1

Certificate of Analysis

Test	Specification	Result
Substances Soluble in HCl	<= 0.16 %	0.01

For Laboratory, Research or Manufacturing Use
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US
Packaging Site: Paris Mfg Ctr & DC

E 2865

James T Ethier
Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MEXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER :	6399	RELEASE DATE:	ABR/21/2023
LOT NUMBER :	313201		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_4)	Min. 99.0%	99.7 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.1
Insoluble matter	Max. 0.01%	0.005 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO_4)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.002 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.003 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreing matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.1 %
Retained on US Standard No. 60 sieve	Min. 94%	97.3 %
Through US Standard No. 60 sieve	Max. 5%	2.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RG-02-01, Ed. 3

Recd. by RP on 7/24/23 E3551

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.5	0.1
Water (H_2O)	≤ 0.5 %	0.1 %
Solubility in H_2O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO_4)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities - Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities - Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities - Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities - Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

>>> Continued on page 2 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

avantor™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC

Michelle Bales
Sr. Manager, Quality Assurance

Hexanes (95% n-hexane)
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 24C1862008
Manufactured Date: 2024-01-30
Expiration Date: 2025-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	< 1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) – Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.4 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RP on 9/25/24

E3805

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

E3825

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 12/5/24

E 3843

J Croak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RP on 12/13/24

E 3846

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker®

Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C_6 Isomers) (by GC, corrected for water)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_4	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RP on 1/29/25

E3872

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date:2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 1/29/25

E 3873

JCroak
Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

ThermoFisher SCIENTIFIC

Certificate of Analysis

1 Reagent Lane
Fair Lawn, NJ 07410
201.796.7100 tel
201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Recd by RP on 2/12/25

E3877

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
If there are any questions with this certificate, please call at (800) 227-6701.
*Based on suggested storage condition.

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 0000281827
Manufactured Date: 2021/03/30
Retest Date: 2026/03/29
Revision No: 1

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	1
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.189
ACS - Bromide (Br)	<= 0.005 %	< 0.005
ACS - Extractable Organic Substances	<= 5 ppm	< 1
ACS - Free Chlorine (as Cl_2)	<= 0.5 ppm	< 0.5
Phosphate (PO_4)	<= 0.05 ppm	< 0.03
Sulfate (SO_4)	<= 0.5 ppm	< 0.3
Sulfite (SO_3)	<= 0.8 ppm	0.3
Ammonium (NH_4)	<= 3 ppm	< 1
Trace Impurities - Arsenic (As)	<= 0.010 ppm	< 0.003
Trace Impurities - Aluminum (Al)	<= 10.0 ppb	0.5
Arsenic and Antimony (as As)	<= 5 ppb	< 3
Trace Impurities - Barium (Ba)	<= 1.0 ppb	< 0.2
Trace Impurities - Beryllium (Be)	<= 1.0 ppb	< 0.2
Trace Impurities - Bismuth (Bi)	<= 10.0 ppb	< 1.0
Trace Impurities - Boron (B)	<= 20.0 ppb	< 5.0
Trace Impurities - Cadmium (Cd)	<= 1.0 ppb	< 0.3
Trace Impurities - Calcium (Ca)	<= 50.0 ppb	15.0
Trace Impurities - Chromium (Cr)	<= 1.0 ppb	< 0.4
Trace Impurities - Cobalt (Co)	<= 1.0 ppb	< 0.3
Trace Impurities - Copper (Cu)	<= 1.0 ppb	< 0.1
Trace Impurities - Gallium (Ga)	<= 1.0 ppb	< 0.2

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

Test	Specification	Result
Trace Impurities - Germanium (Ge)	<= 3.0 ppb	< 2.0
Trace Impurities - Gold (Au)	<= 4.0 ppb	3.0
Heavy Metals (as Pb)	<= 100 ppb	< 50
Trace Impurities - Iron (Fe)	<= 15.0 ppb	1.0
Trace Impurities - Lead (Pb)	<= 1.0 ppb	< 0.5
Trace Impurities - Lithium (Li)	<= 1.0 ppb	< 0.2
Trace Impurities - Magnesium (Mg)	<= 10.0 ppb	< 0.4
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	< 0.4
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	0.2
Trace Impurities - Molybdenum (Mo)	<= 10.0 ppb	< 5.0
Trace Impurities - Nickel (Ni)	<= 4.0 ppb	< 0.3
Trace Impurities - Niobium (Nb)	<= 1.0 ppb	< 0.2
Trace Impurities - Potassium (K)	<= 9.0 ppb	< 2.0
Trace Impurities - Selenium (Se), For Information Only	ppb	1.0
Trace Impurities - Silicon (Si)	<= 100.0 ppb	18.0
Trace Impurities - Silver (Ag)	<= 1.0 ppb	< 0.3
Trace Impurities - Sodium (Na)	<= 100.0 ppb	< 5.0
Trace Impurities - Strontium (Sr)	<= 1.0 ppb	< 0.2
Trace Impurities - Tantalum (Ta)	<= 1.0 ppb	< 0.9
Trace Impurities - Thallium (Tl)	<= 5.0 ppb	< 2.0
Trace Impurities - Tin (Sn)	<= 5.0 ppb	< 0.8
Trace Impurities - Titanium (Ti)	<= 1.0 ppb	< 0.2
Trace Impurities - Vanadium (V)	<= 1.0 ppb	< 0.2
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	0.4
Trace Impurities - Zirconium (Zr)	<= 1.0 ppb	< 0.1

For Laboratory, Research or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications

Country of Origin: US
Packaging Site: Phillipsburg Mfg Ctr & DC

James Ethier
Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0163157

Description : Aroclor® 1016/1260 Mix

Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2026 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1016		1,007.0 µg/mL	+/- 5.8683	µg/mL	Gravimetric
	CAS # 12674-11-2	(Lot 04)		+/- 31.9082	µg/mL	Unstressed
	Purity ----%			+/- 41.6868	µg/mL	Stressed
2	Aroclor 1260		1,008.0 µg/mL	+/- 5.8741	µg/mL	Gravimetric
	CAS # 11096-82-5	(Lot 07)		+/- 31.9399	µg/mL	Unstressed
	Purity ----%			+/- 41.7282	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 10476
&
P 10480

AR
02/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

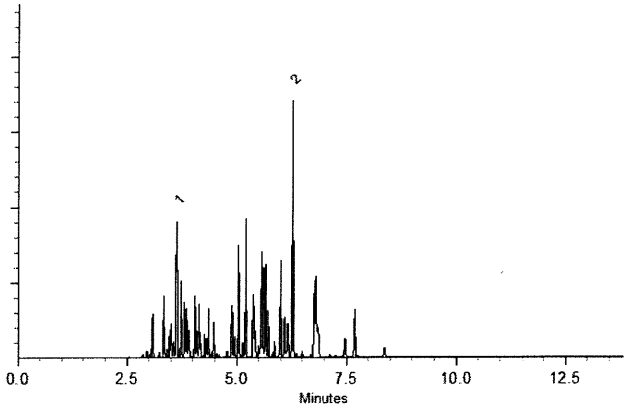
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 03-Aug-2020 **Balance:** B442140311

Justine Albertson - Operations Tech-ARM QC

Date Passed: 05-Aug-2020

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

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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. : 32409 **Lot No.:** A0167722

Description : Aroclor® 1262 Standard

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound		Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Aroclor 1262		1,004.0 µg/mL	+/- 5.9635	µg/mL	Gravimetric
	CAS # 37324-23-5	(Lot 10849100)		+/- 31.8340	µg/mL	Unstressed
	Purity ----%			+/- 41.5787	µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P10496
J
P10500

AJ
09/19/21

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

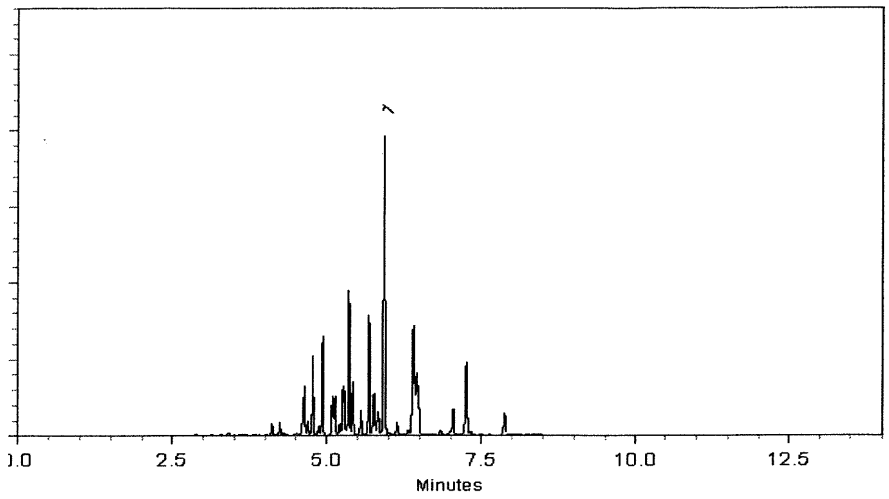
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 03-Jan-2021 **Balance:** B707717271

Marlina Cowan - Operations Tech I

Date Passed: 05-Jan-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1242 Standard	**Lot Number:**	0006665550
Product Number:	PP-312-1	**Lot Issue Date:**	08-Feb-2022
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Jan-2027

	CERTIFIED VALUES			
Component Name	Concentration	Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1242	100.4 ±	0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20ºC to 25ºC immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11533 + P11537

AJ 02/21/22

ISO 17034

Agilent
Trusted Answers

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB 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
Page: 2 of 2
www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY

ISO 17025
Cert No. AT-

ISO 17034

Agilent
Trusted Answers

Reference Material Certificate

Product Name:	Aroclor 1248 Standard	**Lot Number:**	0006626997
Product Number:	PP-342-1	**Lot Issue Date:**	17-Aug-2021
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	30-Sep-2025

	CERTIFIED VALUES				
Component Name	Concentration		Expanded Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3	±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11508 → P11512

AJ 12/21/22

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

P11518 → P11522 AJ 02/21/22

Certificate of Analysis

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1 **Lot Issue Date:** 09-Feb-2021

Lot Number: 0006587800 **Expiration Date:** 31-Mar-2029

Description:
This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:
This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

Expiration of Certification:
The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
ISO 17034 Cert No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1
www.agilent.com/quality/
CSD-QA-015.1

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 **Lot No.:** A0175456

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1221	1,002.0 µg/mL	+/- 5.9516 µg/mL	Gravimetric
	CAS # 11104-28-2 (Lot 10210500)		+/- 31.7706 µg/mL	Unstressed
	Purity ----%		+/- 41.4958 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 11578 (S)
↓
P 11582

AR
04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

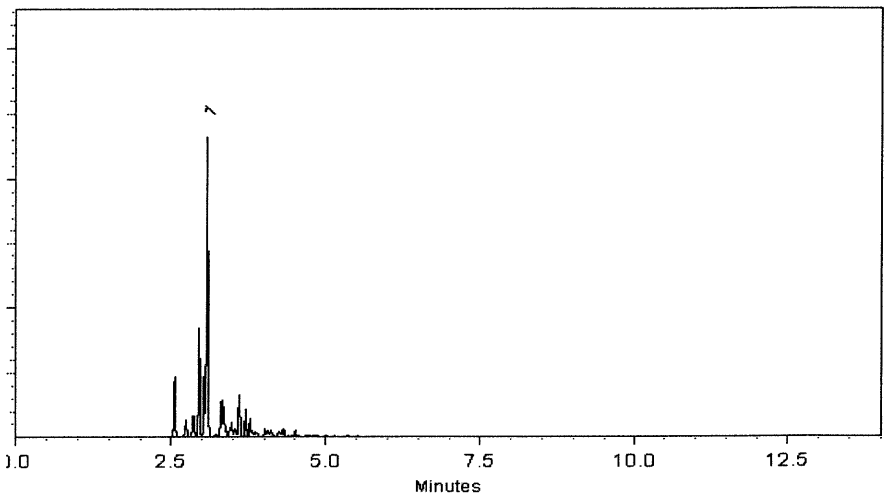
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 16-Aug-2021 **Balance:** B442140311

Marlina Cowan - Operations Tech I

Date Passed: 18-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11578 ↓ P11582 (5)

AR 04/30/22

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0173309

Description : Aroclor® 1232 Standard

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : September 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1232	1,001.0 µg/mL	+/- 5.9456 µg/mL	Gravimetric
	CAS # 11141-16-5 (Lot 15665-01)		+/- 31.7389 µg/mL	Unstressed
	Purity ----%		+/- 41.4544 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11583 ↓ P11597 (S)

AR 04/30/22

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

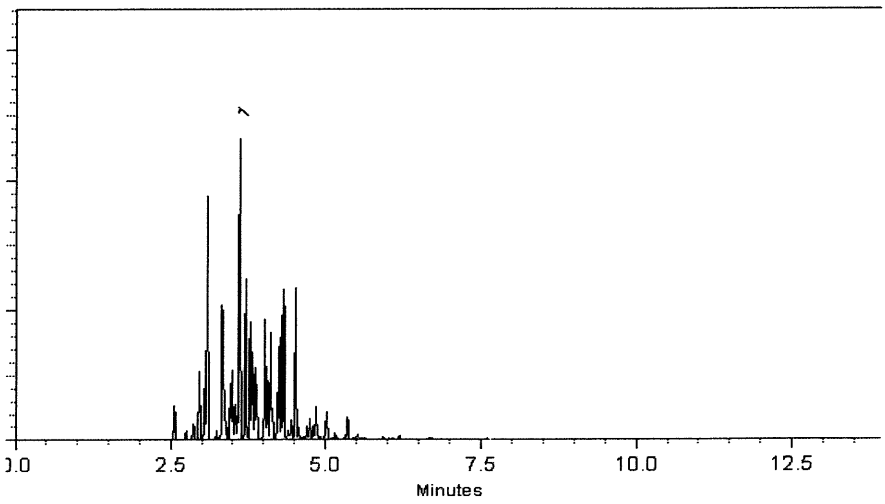
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Sam Moodler - Operations Tech I

Date Mixed: 13-Jun-2021 **Balance:** B442140311

Alexis Shelow - Operations Tech I

Date Passed: 16-Jun-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11583 ↓ P11587 | (5)

AR 04/30/22

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0175403

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2027 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1254	1,000.7 µg/mL	+/- 5.9437 µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.7284 µg/mL	Unstressed
	Purity ----%		+/- 41.4406 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588 ↓ P11592 | 5

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

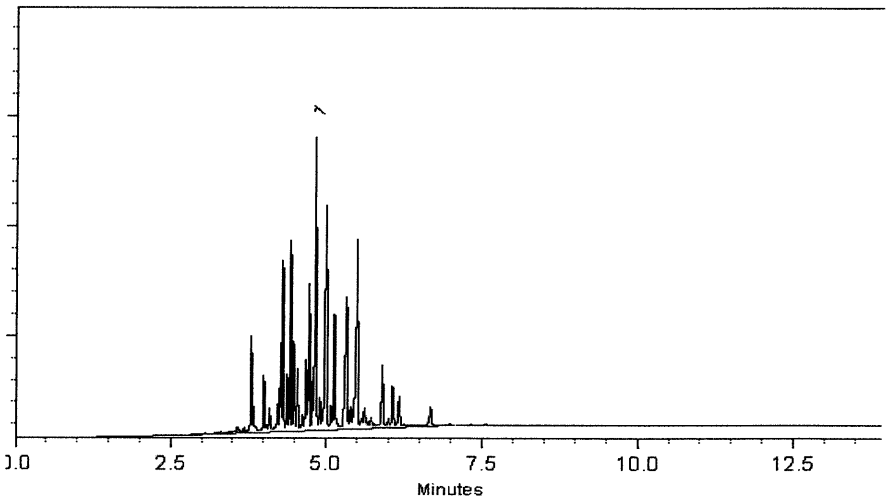
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11588 | (5)
1
P11592

AR
04/30/22

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A0181782

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2028 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)	
1	Aroclor 1268	1,001.4 µg/mL	+/- 5.9480 µg/mL	Gravimetric
	CAS # 11100-14-4 (Lot 10947000)		+/- 31.7516 µg/mL	Unstressed
	Purity ----%		+/- 41.4710 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 11593 (5)
↓
P 11597

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

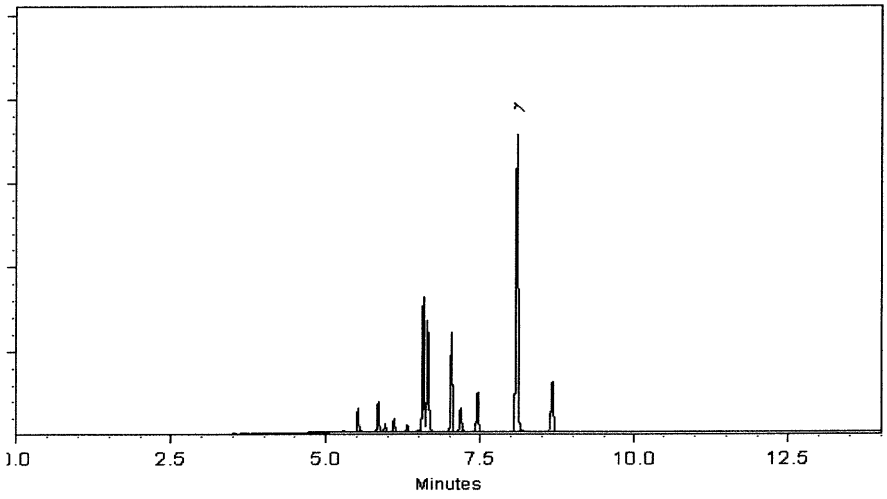
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Penelope Riglin - Operations Tech I

Date Mixed: 14-Feb-2022 **Balance:** 1128360905

Clara Windle - Operations Technician I

Date Passed: 17-Feb-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P 11593 | 5
↓
P 11597
04/30/2022

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Certified Refe

CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

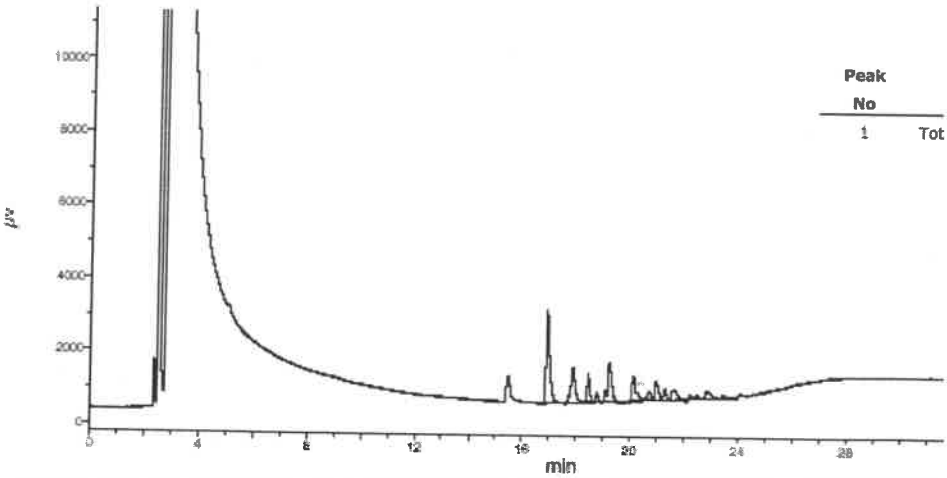
Solvent/ Acet

Weight(s) shown below were combined and diluted to (mL): 100.0 — 5E-05 Balance Uncertainty; 0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Targ Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** A0203672

Description : Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P12928
↓
P12932
AJ
12/07/23

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

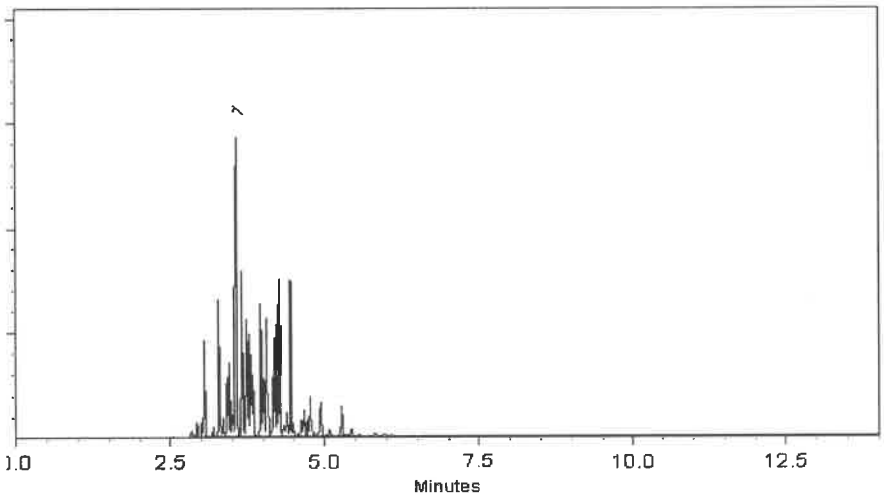
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 26-Oct-2023 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P12933 ↓ P12937 AJ 12/07/23

Catalog No. : 32010 **Lot No.:** A0202803

Description : Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	13897600	----%	1,001.7 µg/mL	+/- 55.5850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

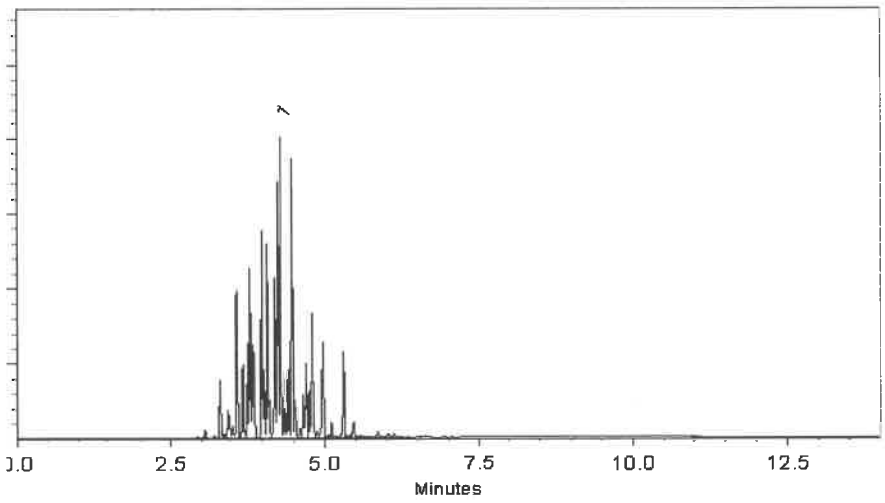
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I **Date Mixed:** 03-Oct-2023 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC **Date Passed:** 09-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

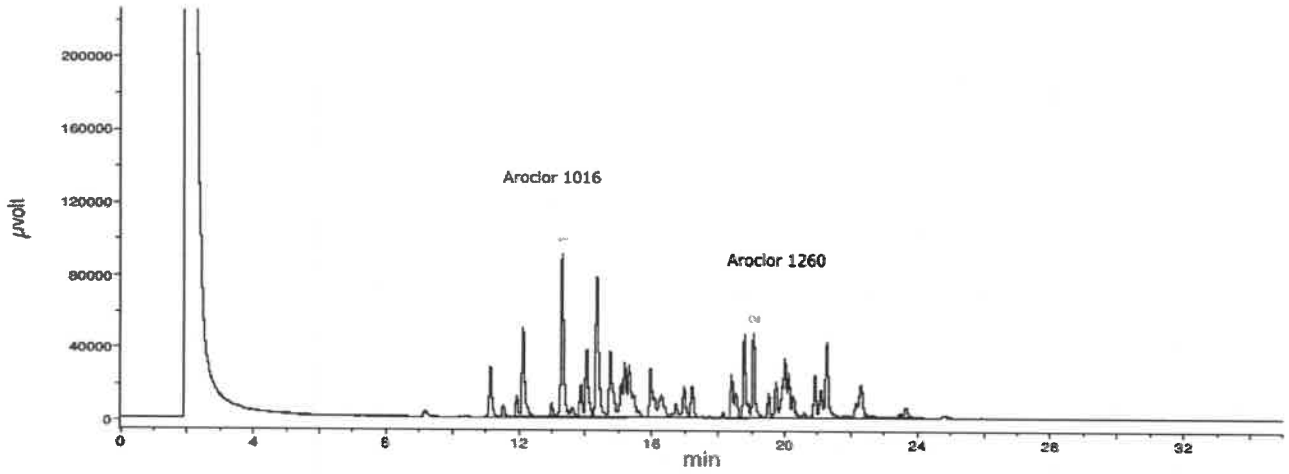
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 12/20

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11096-82-5	0.5mg/m3	orl-rat 1315mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	100			
NIST Test ID#:	6UTB	5E-05	Balance Uncertainty	
Volume(s) shown below were combined and diluted to (mL):		20.0	0.003	Flask Uncertainty

		121823
Formulated By:	Anthony Mahoney	DATE
		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 & P12957 Y-P 12/20/23

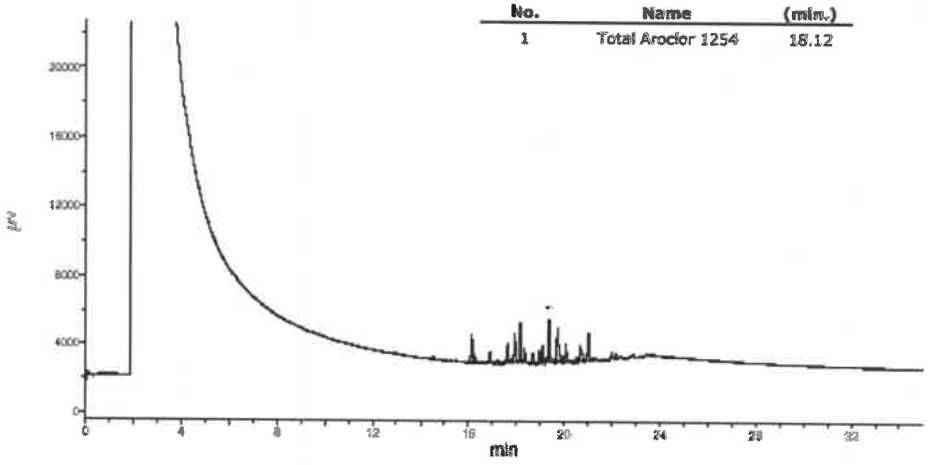
Note: Aroclor 1254 is a mix of isomers.

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Initial Conc.(µg/mL)	Final Conc.(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-rat 1295mg/kg

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number: 90165
Lot Number: 112322
Description: Aroclor 1262

Solvent(s): Hexane **Lot#** 273615

Expiration Date: 112332
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test ID#: 6UTB

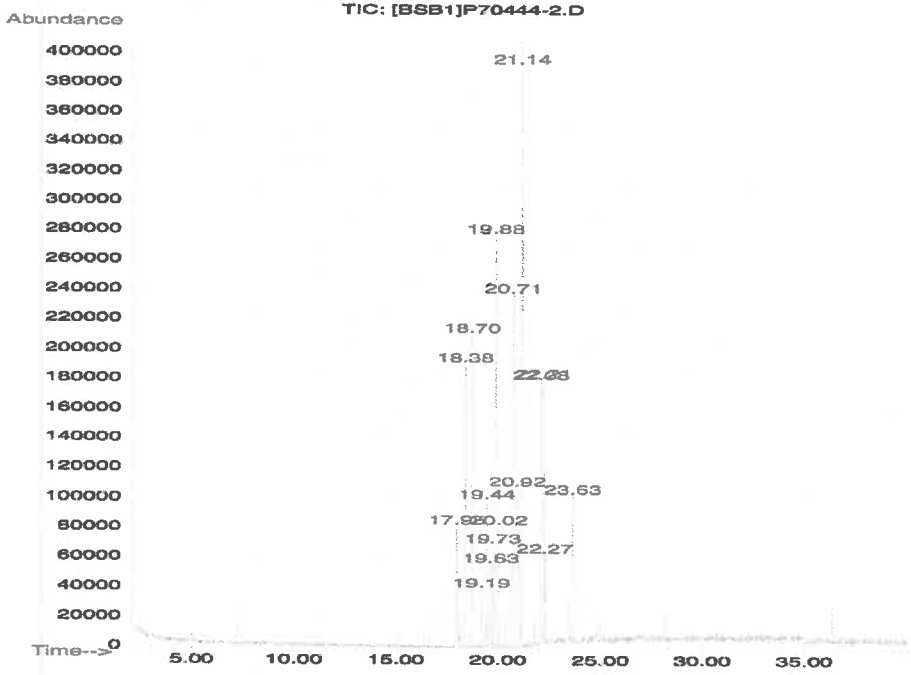
Weight(s) shown below were combined and diluted to (mL): 50.0 | 5E-05 Balance Uncertainty | 0.005 Flask Uncertainty

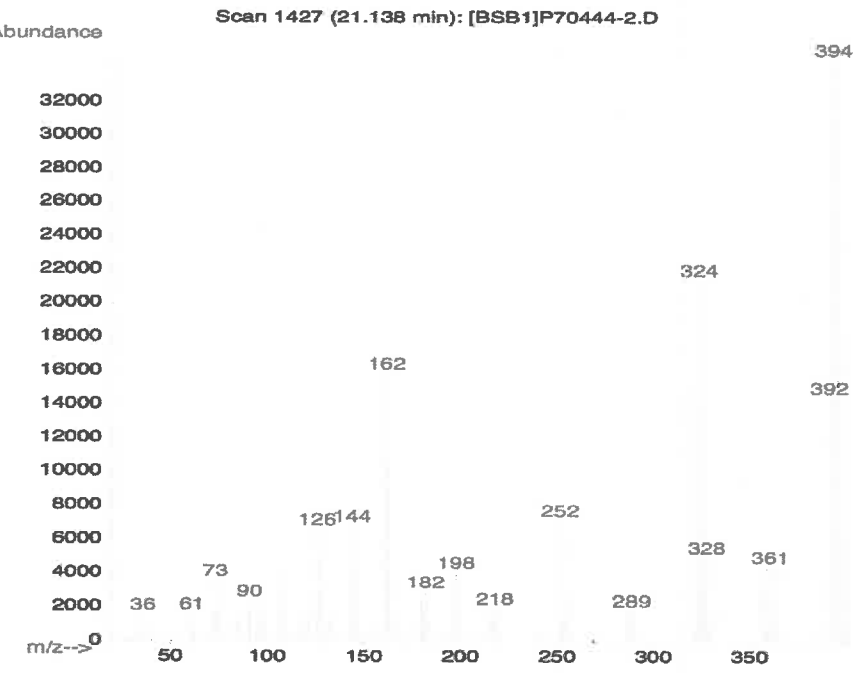
Formulated By:	Prashant Chauhan	112322 DATE
Reviewed By:	Pedro L. Rentas	112322 DATE

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)	Actual Weight (g)	Actual Conc(µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1262	444	W-130-05	1000	100	0.2	0.05003	0.05016	1002.7	4.5	37324-23-5	N/A	orl-rat 11300mg/kg

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (0min.), Temp 2 = 290°C (12.5 min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.

P13032 2 P13033 Y.P 12/21/23





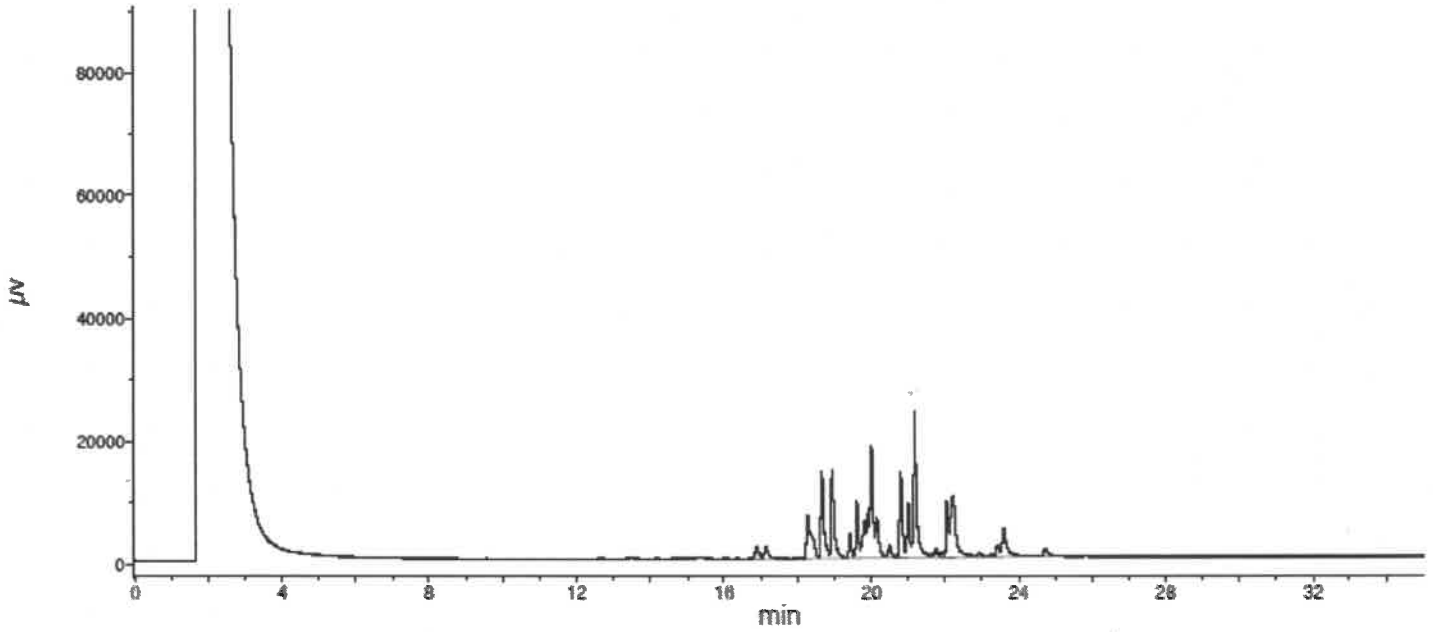
- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Run 20, "P90165 L112322 [1000µg/mL in hexane]"

Run Length: 35.00 min, 21000 points at 10 points/second.
Created: Thu, Dec 8, 2022 at 2:31:02 AM.
Sampled: Sequence "120722-GC3M1", Method "GC3-M1".
Analyzed using Method "GC3-M1".

Comments

GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection =1.5µL, Range=3



RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 (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.)

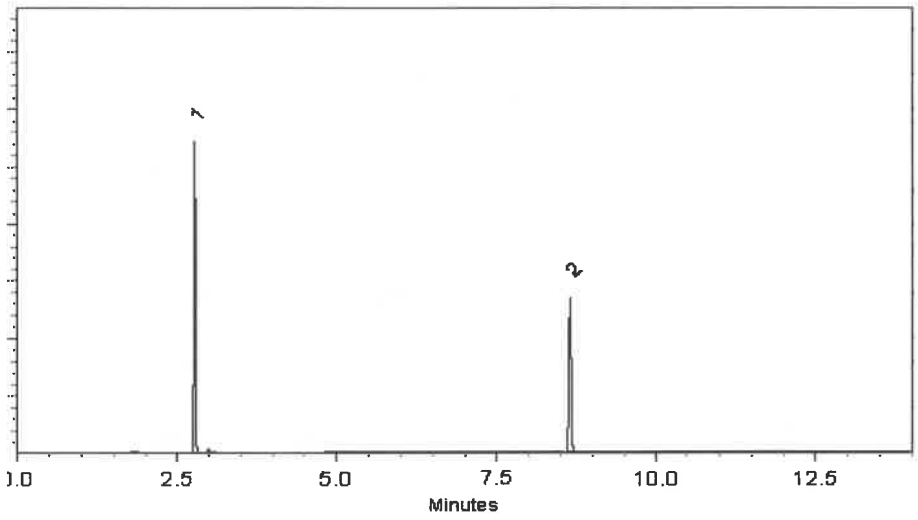
Inj. Temp:
250°C

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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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
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Certificate of Analysis

chromatographic plus

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ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

P13348 (10) → P13357

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

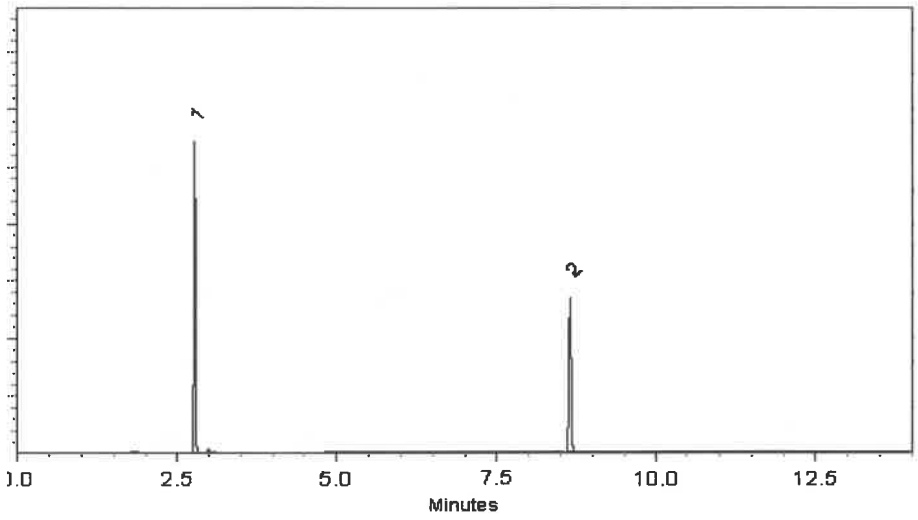
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024 **Balance Serial #** 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P13348 (10)

↓

P13357

04/25/2025

Agilent

Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name:	Aroclor 1221 Standard	**Lot Number:**	0006783205
Product Number:	PP-292-1	**Lot Issue Date:**	20-Feb-2024
Storage Conditions:	Store at Room Temperature (15° to 30°C).	**Expiration Date:**	31-Mar-2032

Component Name	Concentration		Uncertainty	CAS#	Analyte Lot
Aroclor 1221	100.3	±	0.5 µg/mL	011104-28-2	NT01017

Matrix: isooctane (2,2,4-trimethylpentane)

Description:
This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:
The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:
This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:
Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:
Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:
This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:
The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P133f2
↓
P133f3

AJ
05106124

CSD-QA-015.2

ISO 17025
Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

Agilent

Trusted Answers

Maintenance of Certification:
If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative

ANAB
ANSI National Accreditation Board
ACCREDITED
REFERENCE MATERIAL PRODUCER

ISO 17034
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

www.agilent.com/quality/
CSD-QA-015.2

ISO 17025
Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 **www.agilent.com/quality**

SHIPPING DOCUMENTS

Q1383

Chemtech

Phone: (908) 789-8900
Fax: (908) 789-8922
284 Sheffield Street, Mountainside, NJ 07092

http://www.contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 4_01/08/2020

Company Name:	Nobis Group
Address:	55 Technology Dr Suite 101, Lowell, MA 01851
Phone:	978-703-6014
Project Name:	Raymark
Project Location:	Stratford, CT
Project Number:	95700
Project Manager:	Adam Roy
Con-Test Quote Name/Number:	
Invoice Recipient:	
Sampled By:	A. Brittingham

Requested Turnaround Time
5-Day ☐ 10-Day ☑
PFAS 10-Day (std) ☐ Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐ No
Email To: aroy@nobis-group.com
Fax To #:

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

PCB ONLY
SOXHLET ☑
NON SOXHLET ☐

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	M/O	RCP VOCs	% Solids	PAHs	Herbicides	Pesticides	PCBs	Metals ICP + Hg - 6010	Cyanide	SPLP RCP Metals - 6020	
	OU4-PCS-TC-11-021725	2/17/25	9:20	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-12-021725	2/17/25	9:25	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-13-021725	2/17/25	9:30	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-14-021725	2/17/25	9:35	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-15-021725	2/17/25	9:40	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-16-021725	2/17/25	9:45	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-17-021725	2/17/25	9:50	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-18-021725	2/17/25	9:55	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-19-021725	2/17/25	10:00	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-PCS-TC-20-021725	2/17/25	10:05	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	
	OU4-CF-15-021725	2/17/25	8:15	G	SO		3	2	1				X	X	X	X	X	X	X	X	X	

[2] Preservation Code

Container Type Only
Total Number Of:
VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N

*Contest is not responsible for missing samples from prepacked coolers

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Relinquished by: (signature)	Date/Time: 2/17/25 1200
Received by: (signature)	Date/Time: 2-18-25 10:25
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments:

Detection Limit Requirements
MA
CT
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☑ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; **M** - Medium; **L** - Low; **C** - Clean; **U** - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

Lab Comments:

IR Cuvette 1
3.1 C

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

Q1383-PCB

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1383 NOBI03 **Order Date :** 2/18/2025 11:19:00 AM **Project Mgr :**
Client Name : Nobis Group **Project Name :** Raymark Superfund Site **Report Type :** Level 4
Client Contact : Adam Roy **Receive DateTime :** 2/18/2025 10:25:00 AM **EDD Type :** EQUIS
Invoice Name : Nobis Group **Purchase Order :** **Hard Copy Date :**
Invoice Contact : Adam Roy **Date Signoff :**

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1383-01	OU4-PCS-TC-11-021725	Solid	02/17/2025	09:20					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-03	OU4-PCS-TC-12-021725	Solid	02/17/2025	09:25					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-05	OU4-PCS-TC-13-021725	Solid	02/17/2025	09:30					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-07	OU4-PCS-TC-14-021725	Solid	02/17/2025	09:35					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-09	OU4-PCS-TC-15-021725	Solid	02/17/2025	09:40					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-11	OU4-PCS-TC-16-021725	Solid	02/17/2025	09:45					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-13	OU4-PCS-TC-17-021725	Solid	02/17/2025	09:50					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-15	OU4-PCS-TC-18-021725	Solid	02/17/2025	09:55					

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1383 NOBI03 **Order Date :** 2/18/2025 11:19:00 AM **Project Mgr :**
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Invoice Contact : Adam Roy **Date Signoff :**

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-17	OU4-PCS-TC-19-021725	Solid	02/17/2025	10:00					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-19	OU4-PCS-TC-20-021725	Solid	02/17/2025	10:05					
					VOCMS Group3		8260D	10 Bus. Days	
Q1383-21	~~OU4-PCS-TC-1~~-021725 OU4-EFIS	Solid	02/17/2025	08:15					
					VOCMS Group3		8260D	10 Bus. Days	

Relinguished By : _____
Date / Time : 2-18-25 1245

Received By : _____
Date / Time : 02/18/25

Storage Area : **VOA Refridgerator Room**

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:37
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.537	3.841	143.0E6	93147739	96.885	101.139
2)	SA Decachlor...	10.279	8.911	106.9E6	108.2E6	95.517	98.966
	Target Compounds						
3)	L1 AR-1016-1	5.691	4.934	44563885	31633685	950.609	971.631
4)	L1 AR-1016-2	5.712	4.953	66115347	44031797	966.786	967.963
5)	L1 AR-1016-3	5.775	5.131	39869399	24261336	946.084	973.363
6)	L1 AR-1016-4	5.872	5.172	33707176	19438184	957.224	961.363
7)	L1 AR-1016-5	6.166	5.388	32090736	25297814	955.618	965.361
31)	L7 AR-1260-1	7.286	6.428	55810838	45562804	952.907	961.155
32)	L7 AR-1260-2	7.540	6.616	71849008	56383179	954.186	948.637
33)	L7 AR-1260-3	7.899	6.771	59639386	52562549	962.013	960.087
34)	L7 AR-1260-4	8.124	7.244	61734973	44924385	955.078	971.004
35)	L7 AR-1260-5	8.445	7.484	125.1E6	110.5E6	959.591	990.648

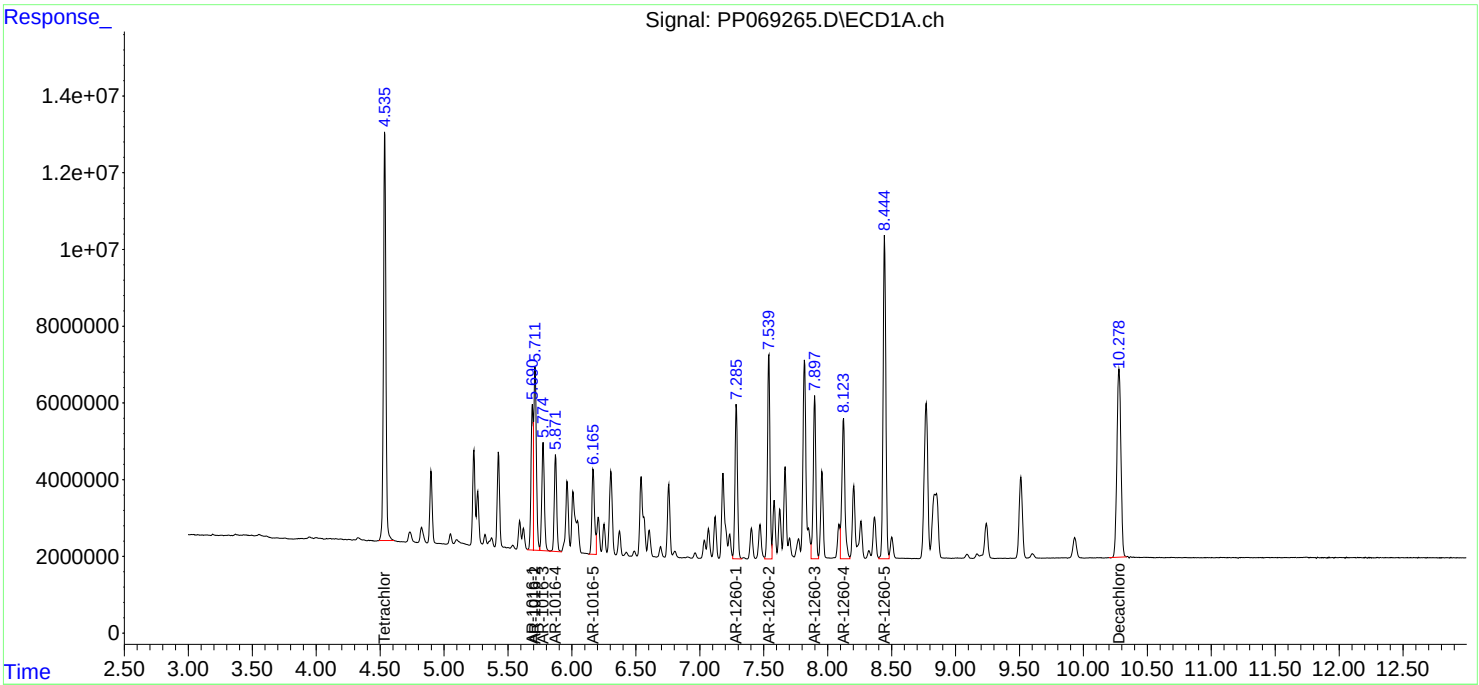
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

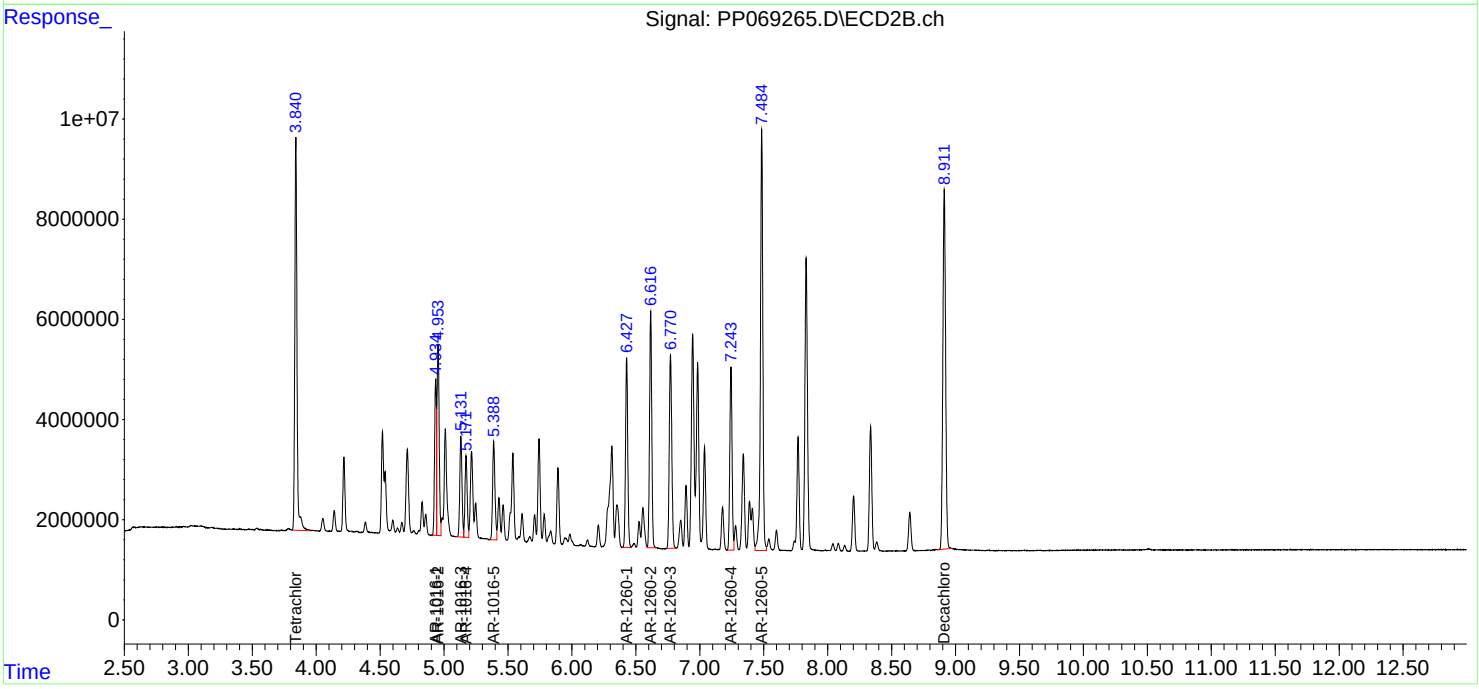
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 09:37
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

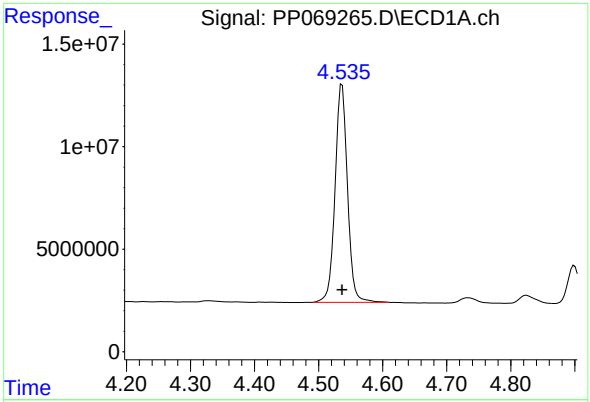
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 10:44:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 10:41:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



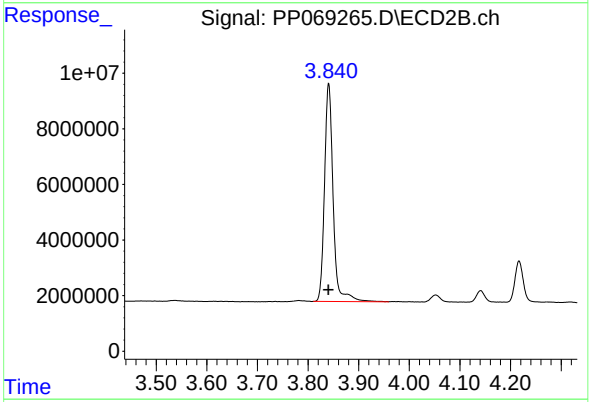




#1 Tetrachloro-m-xylene

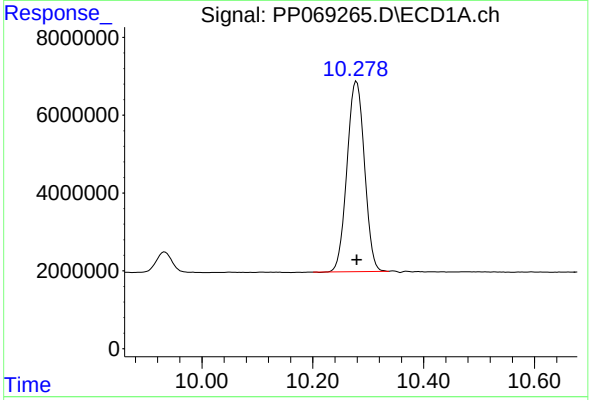
R.T.: 4.537 min
Delta R.T.: 0.000 min
Response: 143047326
Conc: 96.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



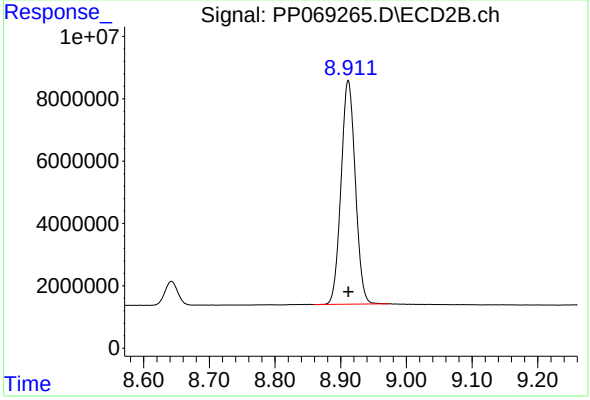
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 93147739
Conc: 101.14 ng/ml



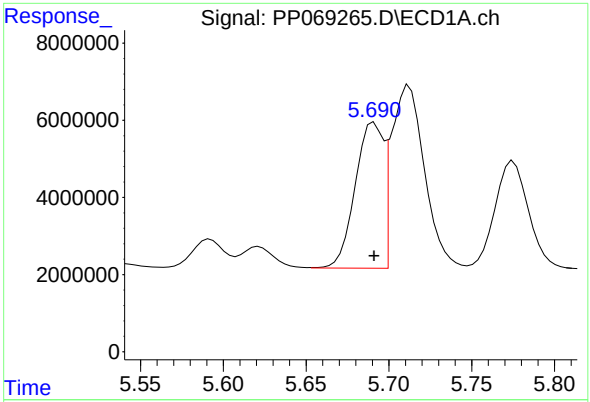
#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: 0.000 min
Response: 106916616
Conc: 95.52 ng/ml



#2 Decachlorobiphenyl

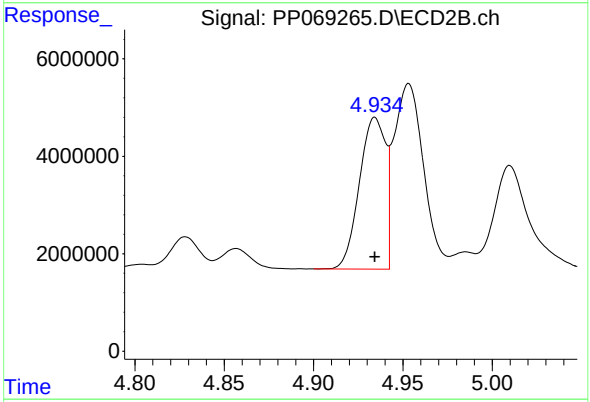
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 108164874
Conc: 98.97 ng/ml



#3 AR-1016-1

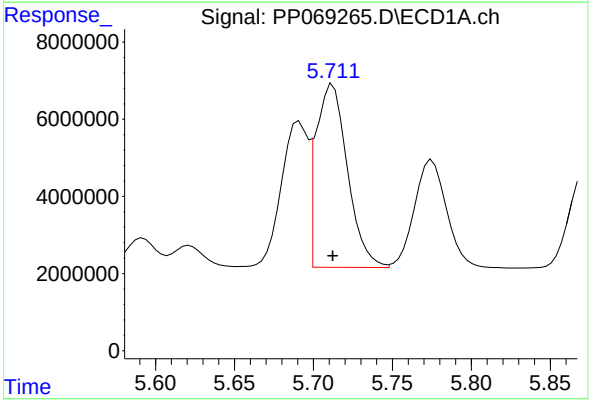
R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 44563885
Conc: 950.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



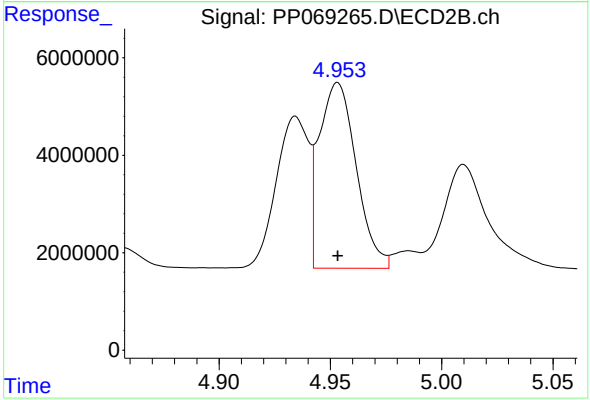
#3 AR-1016-1

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 31633685
Conc: 971.63 ng/ml



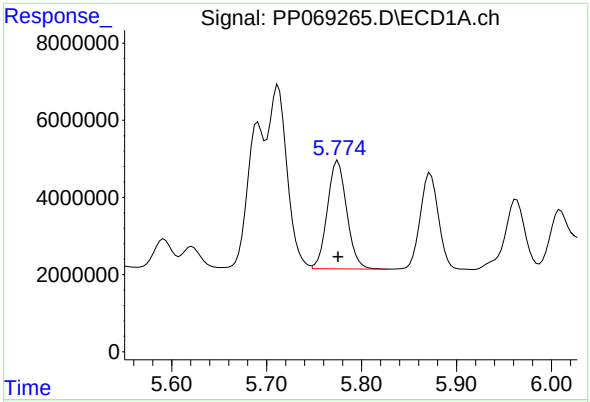
#4 AR-1016-2

R.T.: 5.712 min
Delta R.T.: 0.000 min
Response: 66115347
Conc: 966.79 ng/ml



#4 AR-1016-2

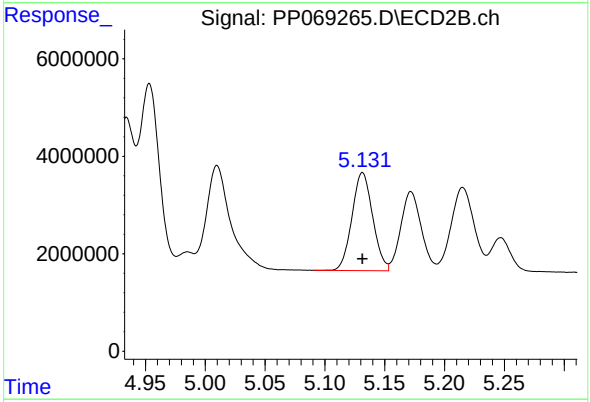
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 44031797
Conc: 967.96 ng/ml



#5 AR-1016-3

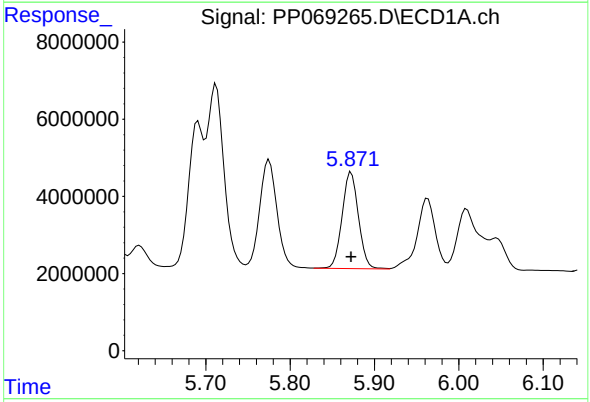
R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 39869399
Conc: 946.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



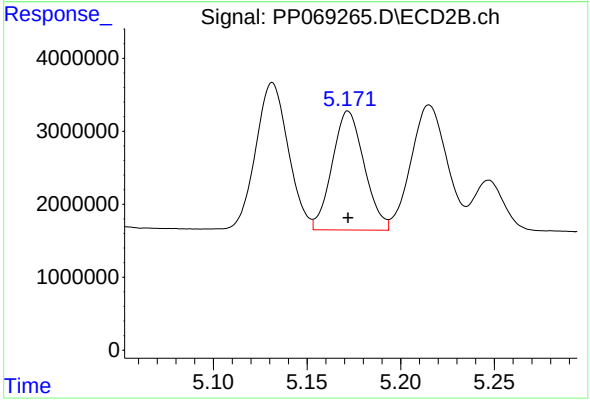
#5 AR-1016-3

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 24261336
Conc: 973.36 ng/ml



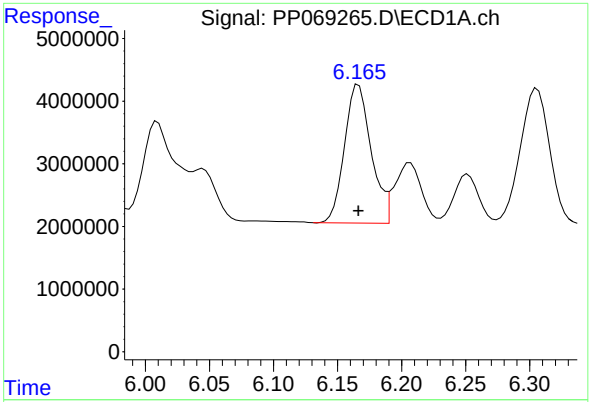
#6 AR-1016-4

R.T.: 5.872 min
Delta R.T.: 0.000 min
Response: 33707176
Conc: 957.22 ng/ml



#6 AR-1016-4

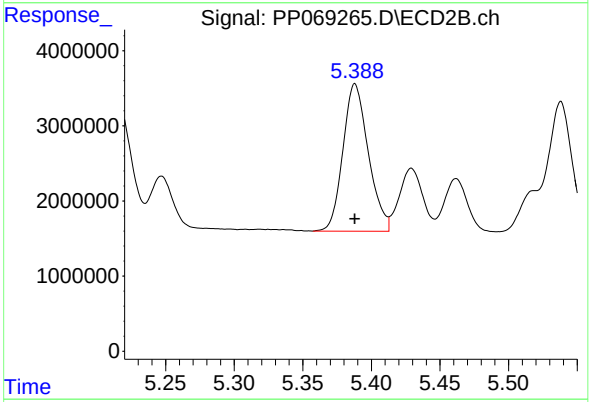
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 19438184
Conc: 961.36 ng/ml



#7 AR-1016-5

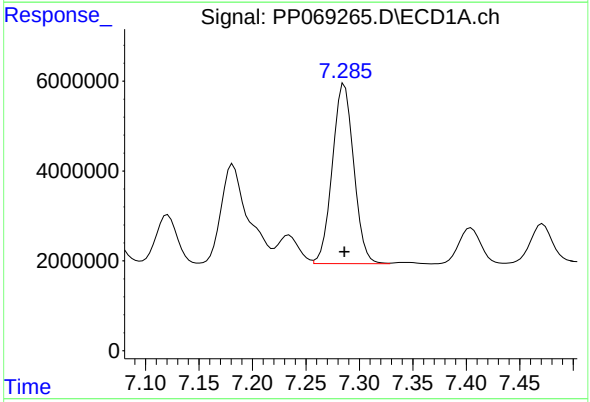
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 32090736
Conc: 955.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



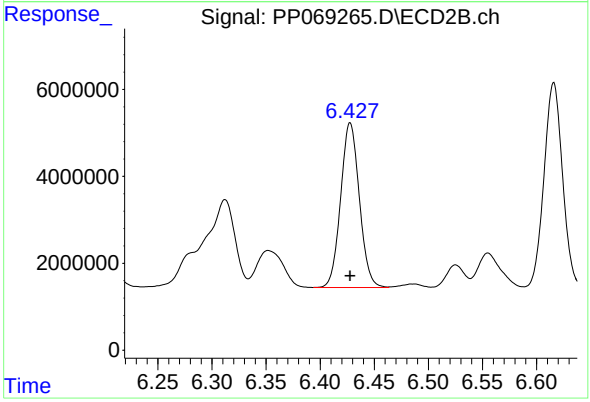
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 25297814
Conc: 965.36 ng/ml



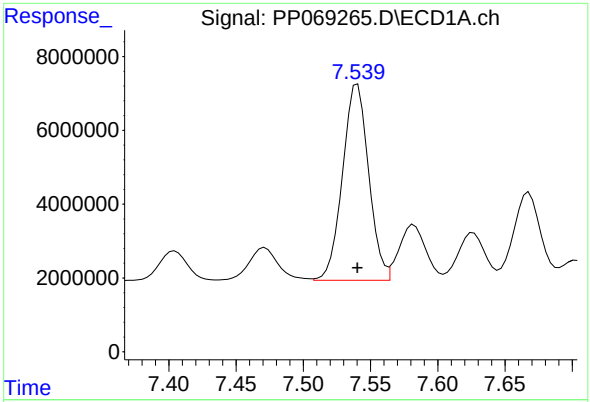
#31 AR-1260-1

R.T.: 7.286 min
Delta R.T.: 0.000 min
Response: 55810838
Conc: 952.91 ng/ml



#31 AR-1260-1

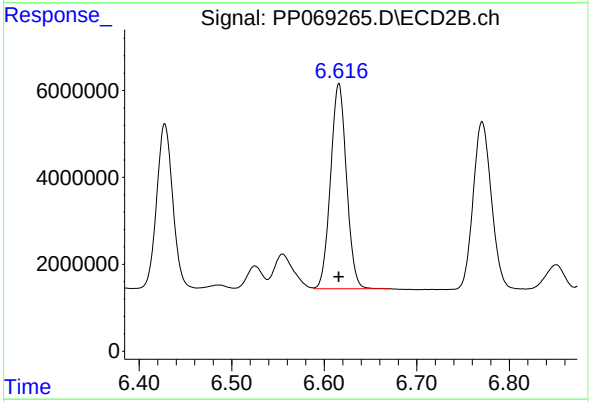
R.T.: 6.428 min
Delta R.T.: 0.000 min
Response: 45562804
Conc: 961.15 ng/ml



#32 AR-1260-2

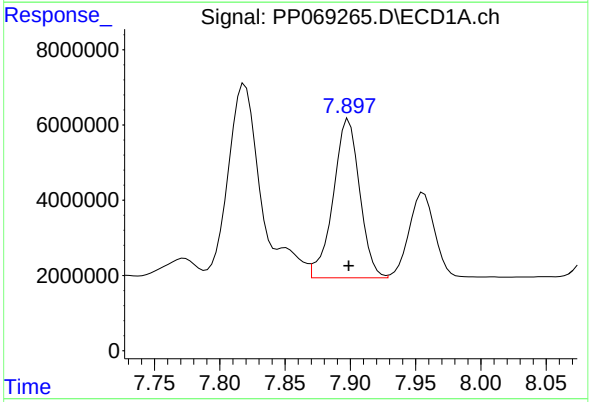
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 71849008
Conc: 954.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



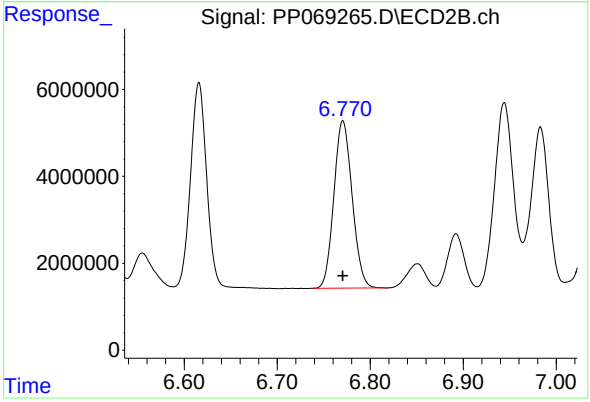
#32 AR-1260-2

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 56383179
Conc: 948.64 ng/ml



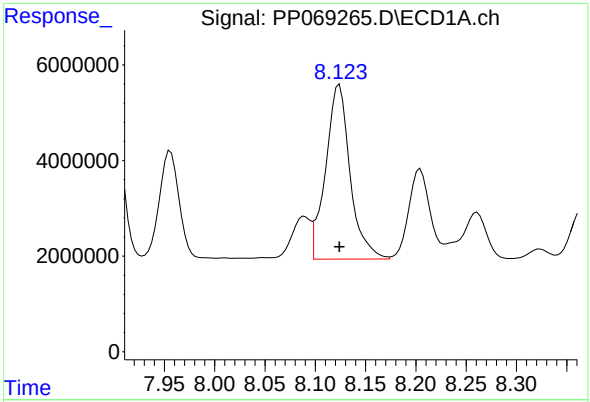
#33 AR-1260-3

R.T.: 7.899 min
Delta R.T.: 0.000 min
Response: 59639386
Conc: 962.01 ng/ml



#33 AR-1260-3

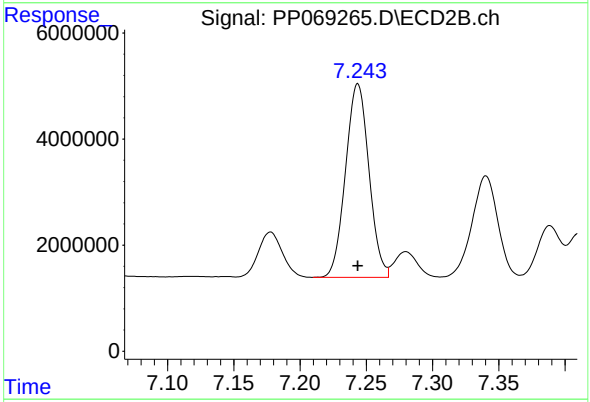
R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 52562549
Conc: 960.09 ng/ml



#34 AR-1260-4

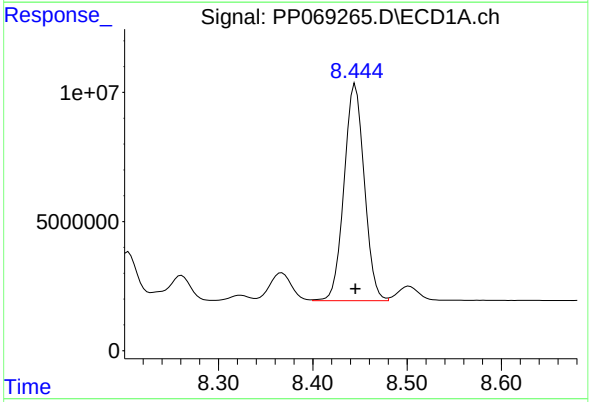
R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 61734973
Conc: 955.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



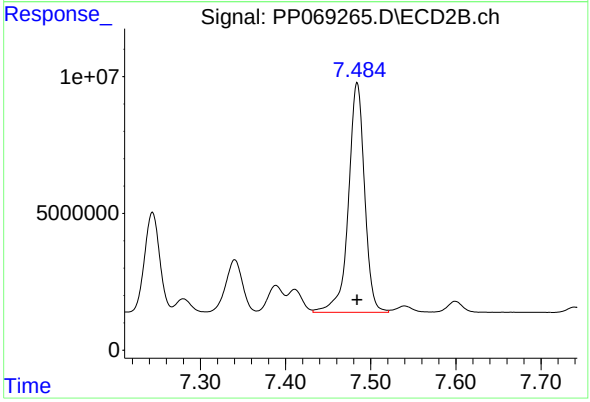
#34 AR-1260-4

R.T.: 7.244 min
Delta R.T.: 0.000 min
Response: 44924385
Conc: 971.00 ng/ml



#35 AR-1260-5

R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 125094433
Conc: 959.59 ng/ml



#35 AR-1260-5

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 110513786
Conc: 990.65 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:15
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:47:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:47:37 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.535	3.840	38900473	25359775	26.336	26.416
2)	SA Decachlor...	10.277	8.911	29432874	30058024	26.677	28.164
	Target Compounds						
21)	L5 AR-1248-1	5.689	4.933	9122332	6315546	281.174	278.735
22)	L5 AR-1248-2	5.962	5.171	11494735	8502337	270.029	282.333
23)	L5 AR-1248-3	6.165	5.214	12315718	8710002	263.285	279.197
24)	L5 AR-1248-4	6.564	5.387	16222923	10295186	288.362	277.163
25)	L5 AR-1248-5	6.603	5.783	16372924	10509480	304.616	277.028

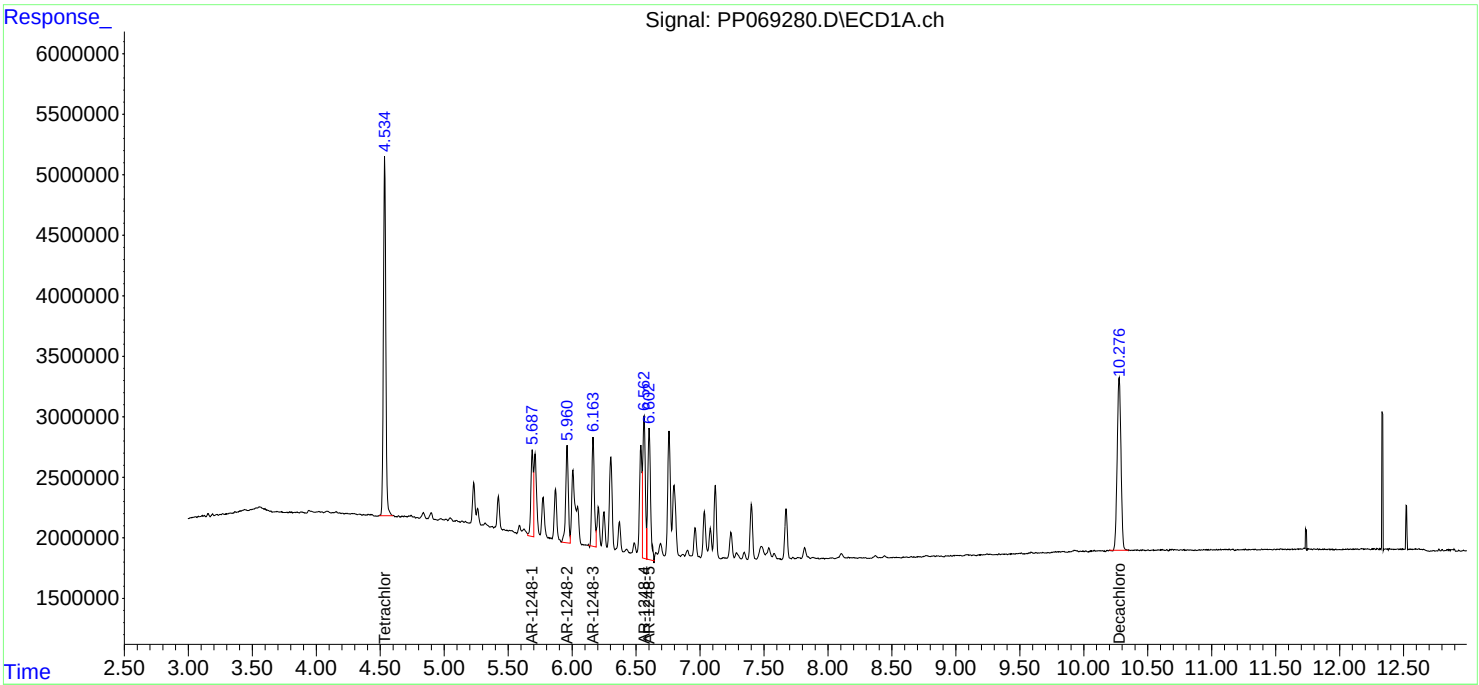
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

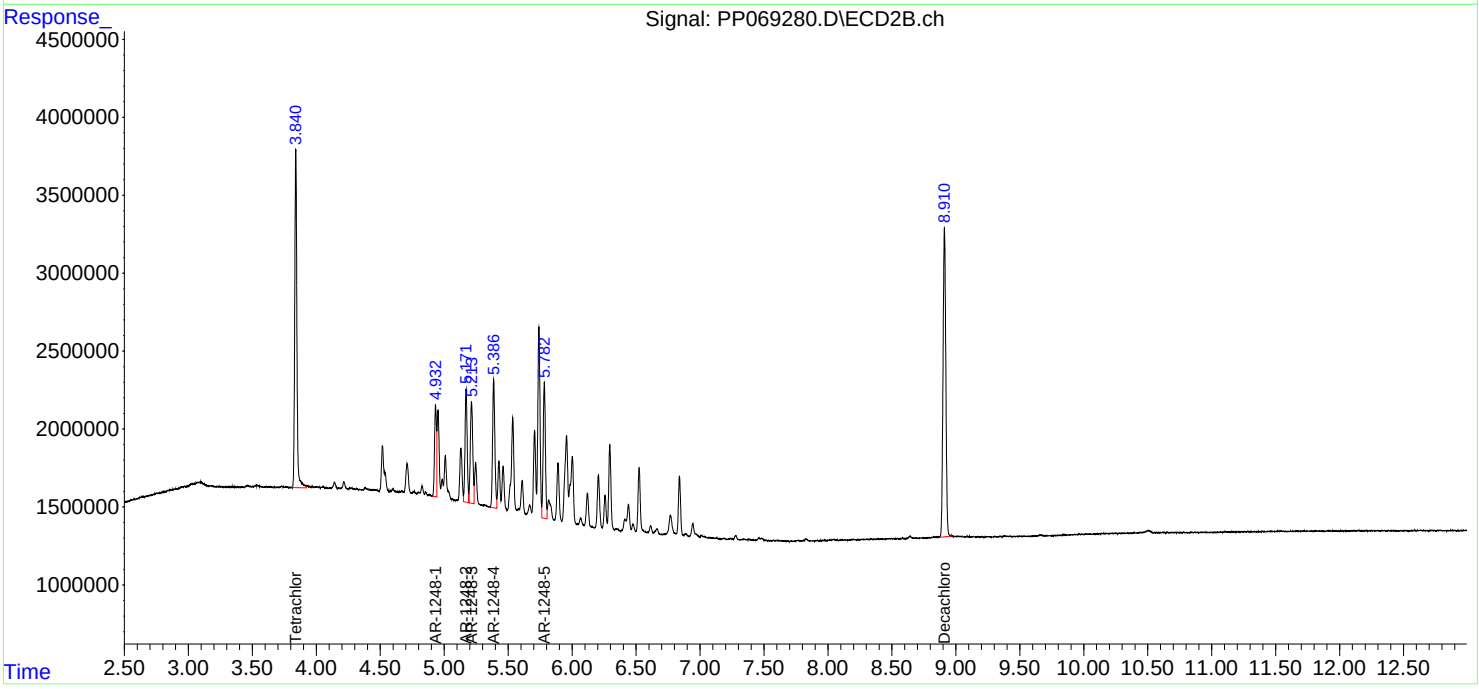
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069280.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 14:15
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

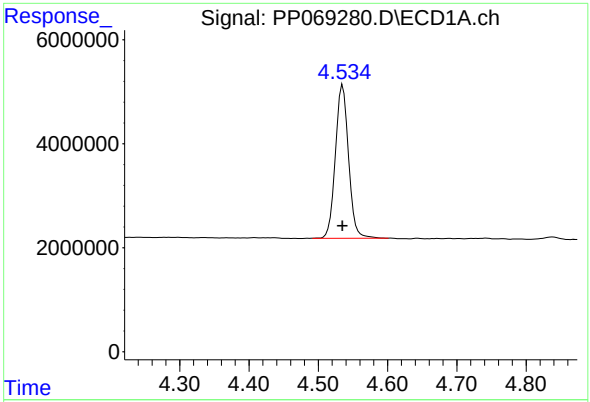
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 14:47:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 14:47:37 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



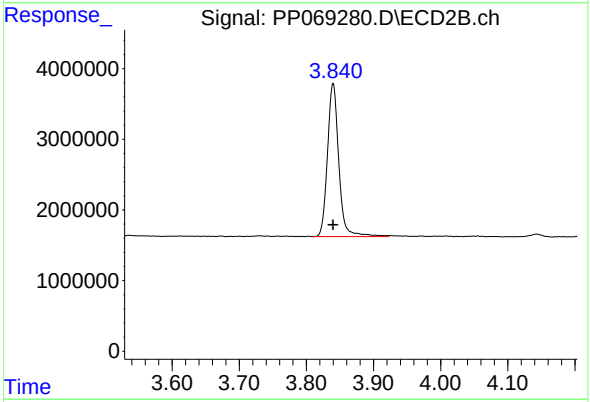




#1 Tetrachloro-m-xylene

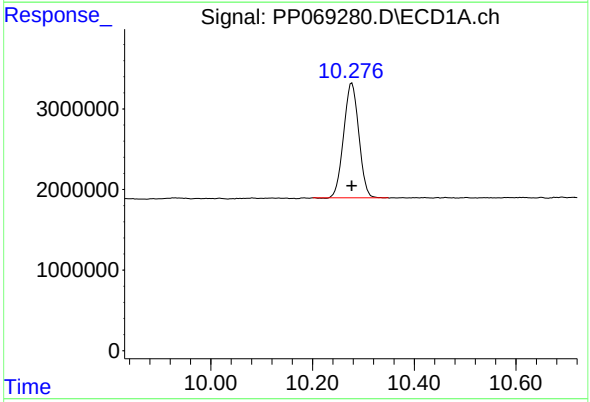
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 38900473
Conc: 26.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



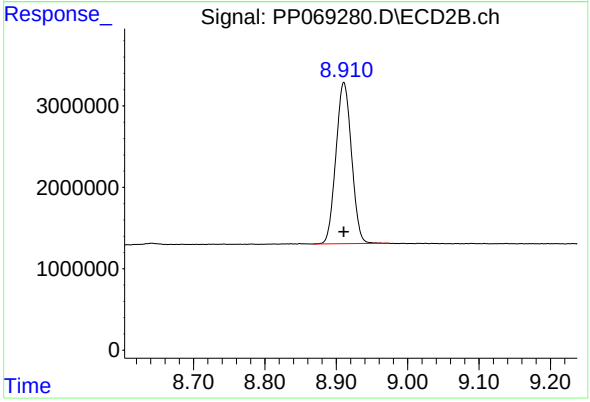
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 25359775
Conc: 26.42 ng/ml



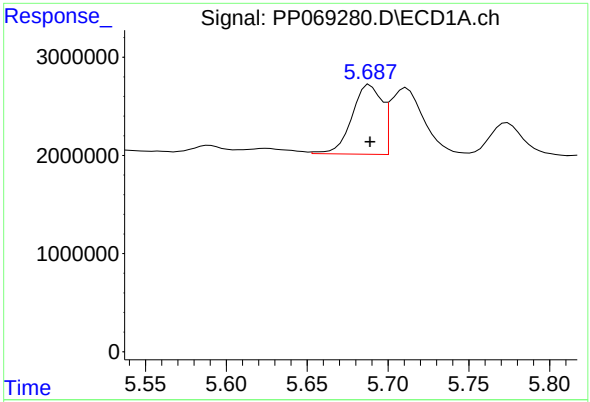
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 29432874
Conc: 26.68 ng/ml



#2 Decachlorobiphenyl

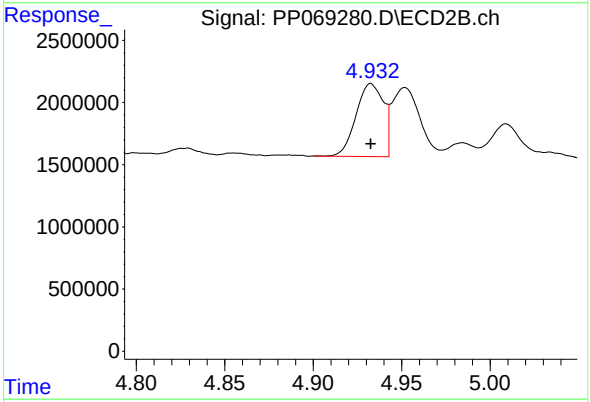
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 30058024
Conc: 28.16 ng/ml



#21 AR-1248-1

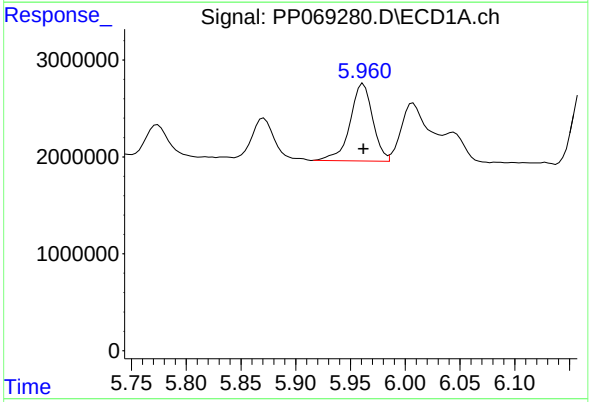
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 9122332
Conc: 281.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



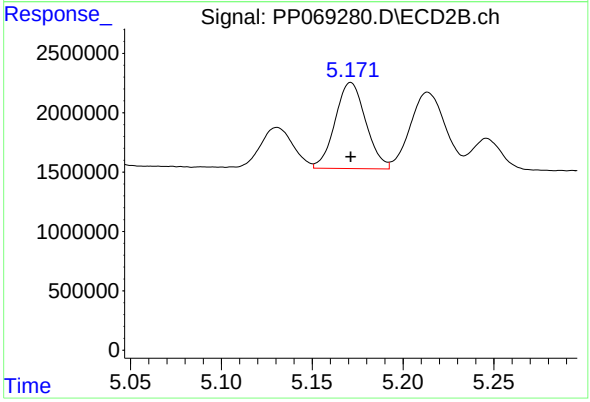
#21 AR-1248-1

R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 6315546
Conc: 278.73 ng/ml



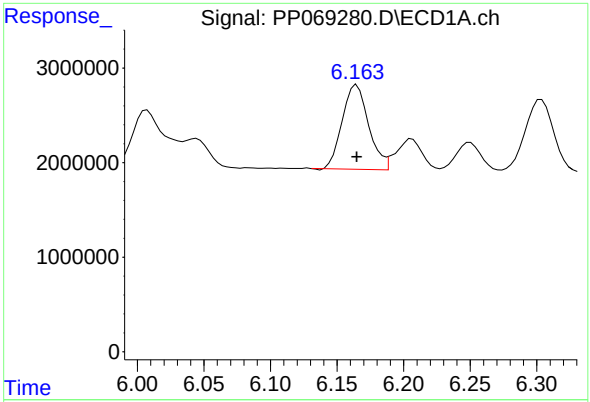
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 11494735
Conc: 270.03 ng/ml



#22 AR-1248-2

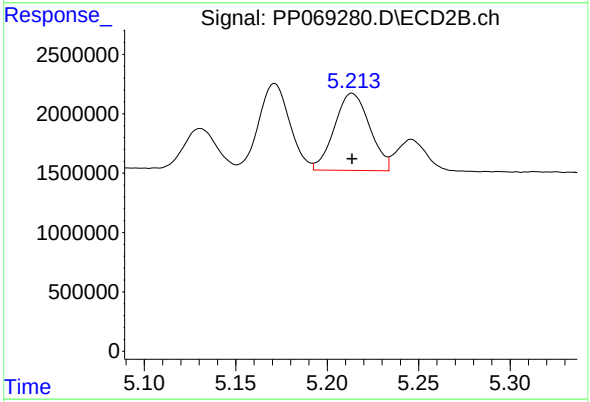
R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 8502337
Conc: 282.33 ng/ml



#23 AR-1248-3

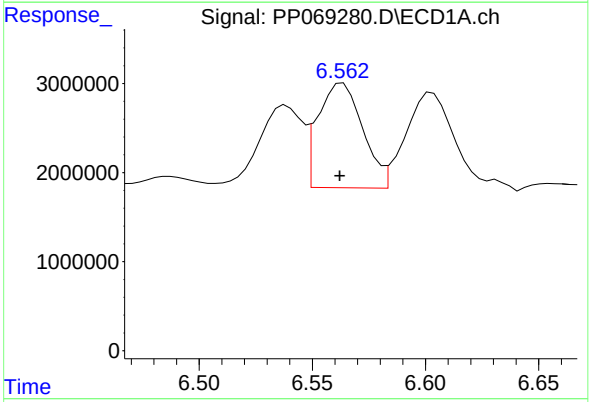
R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 12315718
Conc: 263.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



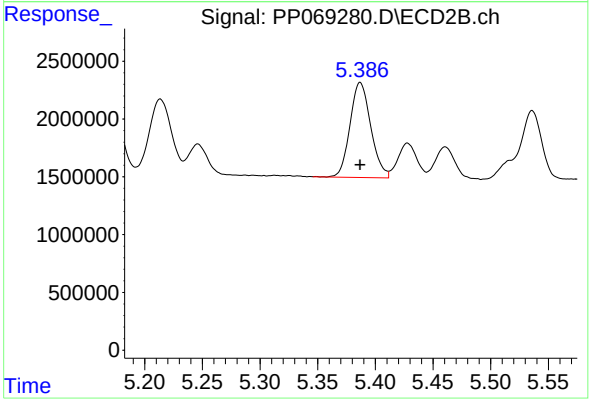
#23 AR-1248-3

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 8710002
Conc: 279.20 ng/ml



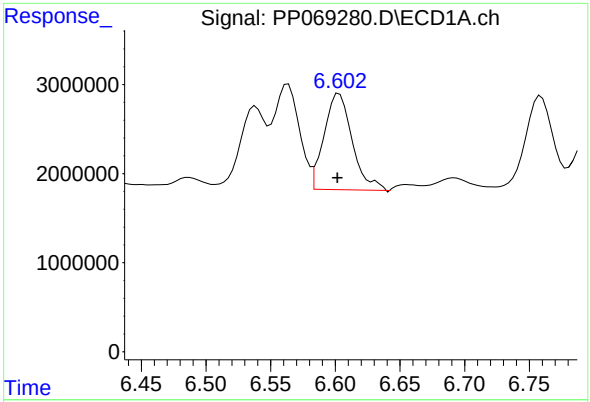
#24 AR-1248-4

R.T.: 6.564 min
Delta R.T.: 0.001 min
Response: 16222923
Conc: 288.36 ng/ml



#24 AR-1248-4

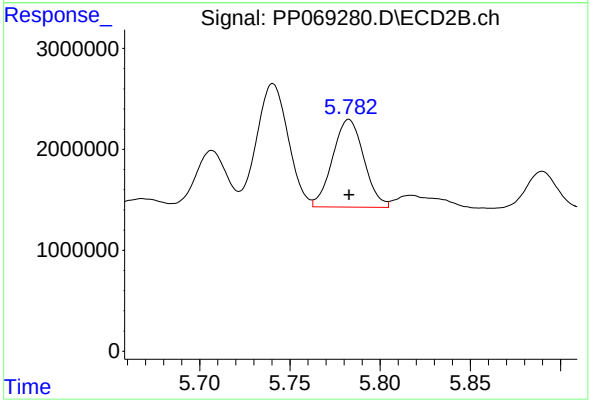
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 10295186
Conc: 277.16 ng/ml



#25 AR-1248-5

R.T.: 6.603 min
Delta R.T.: 0.001 min
Response: 16372924
Conc: 304.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250



#25 AR-1248-5

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 10509480
Conc: 277.03 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:53
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 16:04:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 16:04:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.538	3.841	5786281	4091392	4.049	4.382
2)	SA Decachlor...	10.277	8.912	4792685	5691534	4.413	4.993
	Target Compounds						
26)	L6 AR-1254-1	6.544	5.742	3716378	2628819	65.303	47.748 #
27)	L6 AR-1254-2	6.759	5.891	3901432	2408006	48.621	49.784
28)	L6 AR-1254-3	7.122	6.297	4219753	3542972	50.063	46.682
29)	L6 AR-1254-4	7.405	6.525	3314077	2474657	48.602	48.286
30)	L6 AR-1254-5	7.823	6.944	3170800	2933240	46.598	44.069

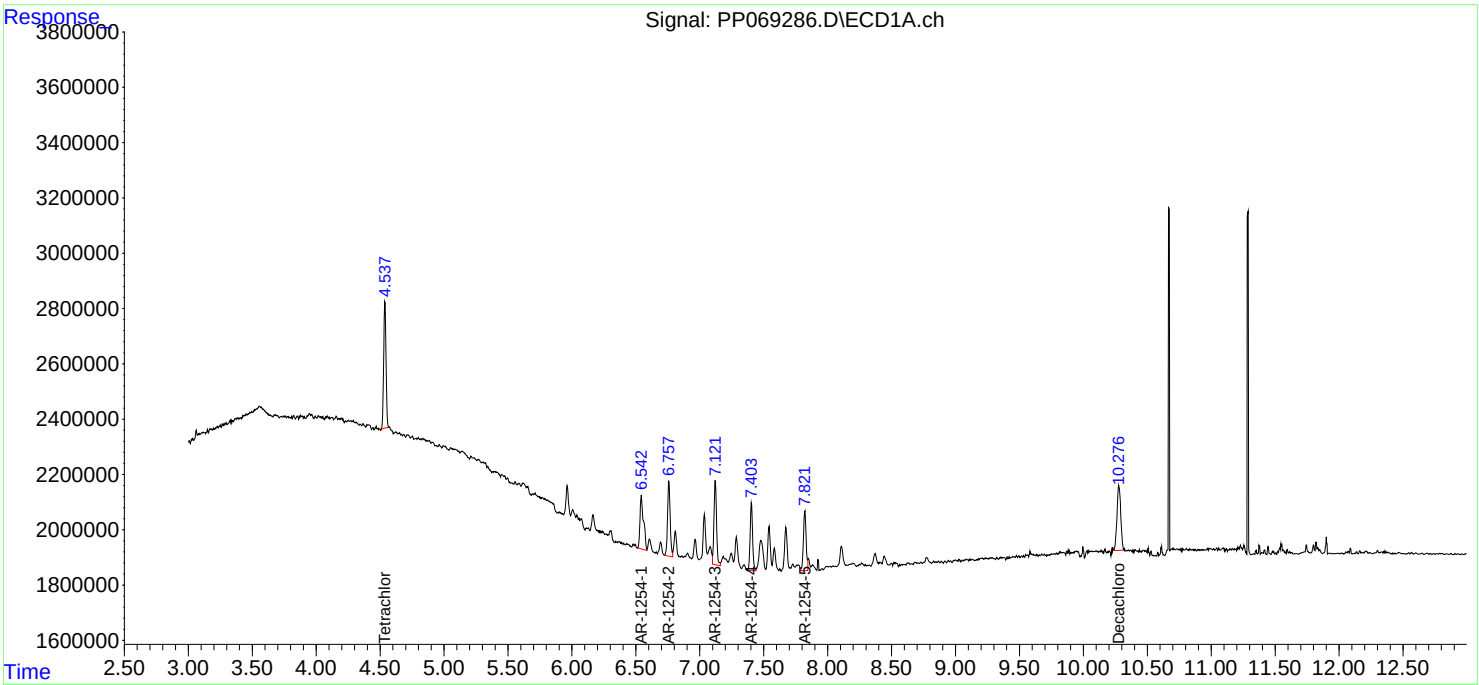
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

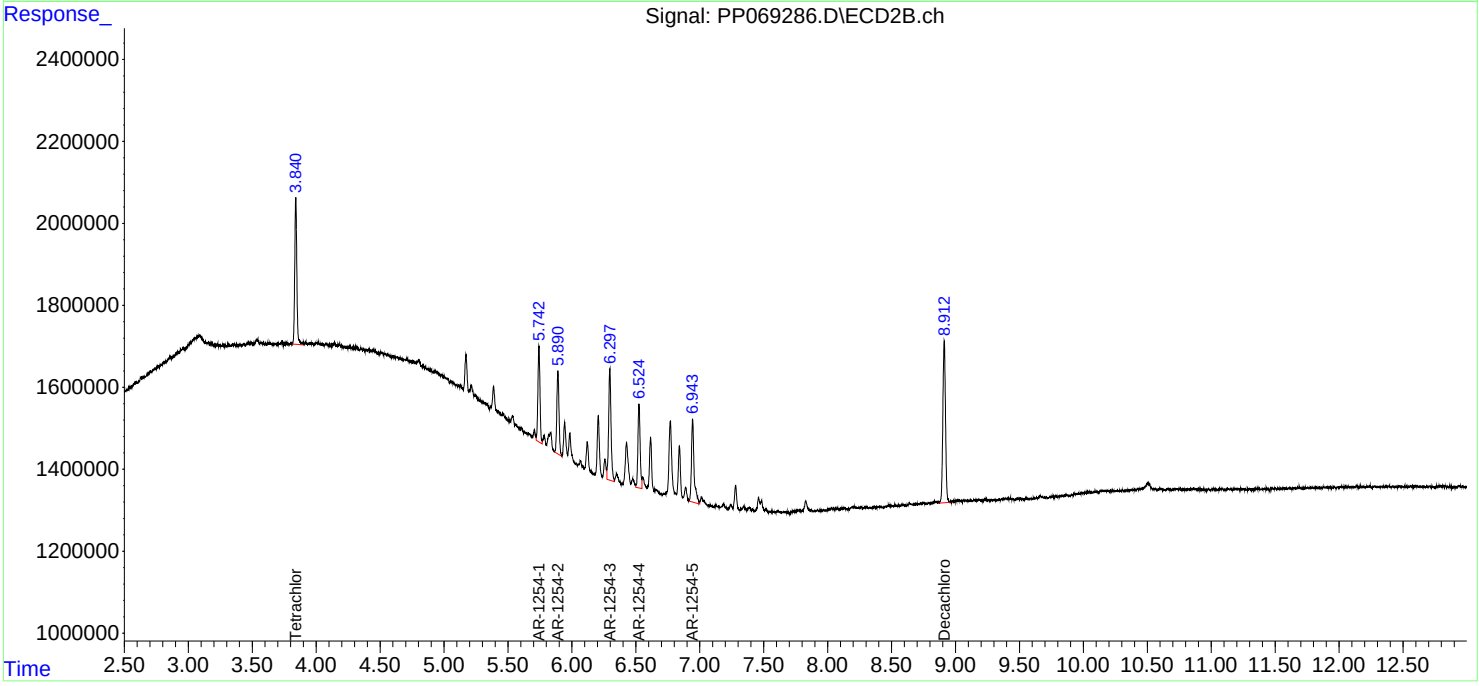
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 15:53
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

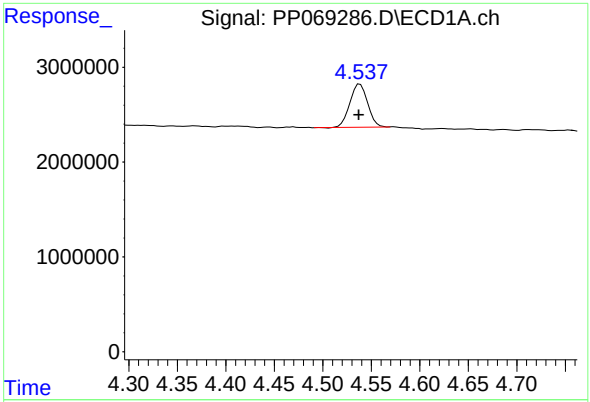
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 16:04:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 16:04:22 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



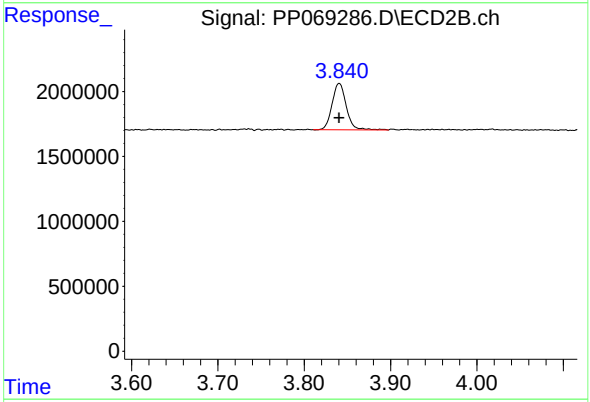




#1 Tetrachloro-m-xylene

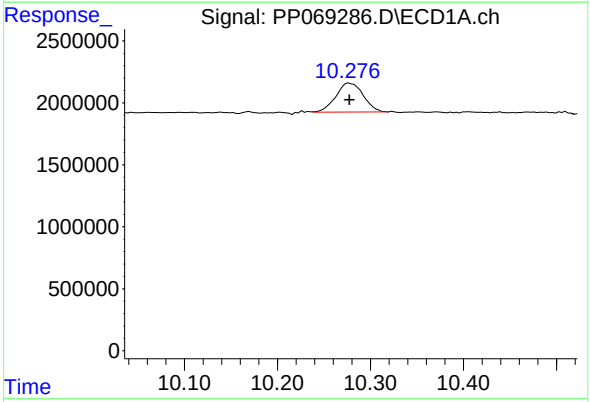
R.T.: 4.538 min
Delta R.T.: 0.001 min
Response: 5786281
Conc: 4.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



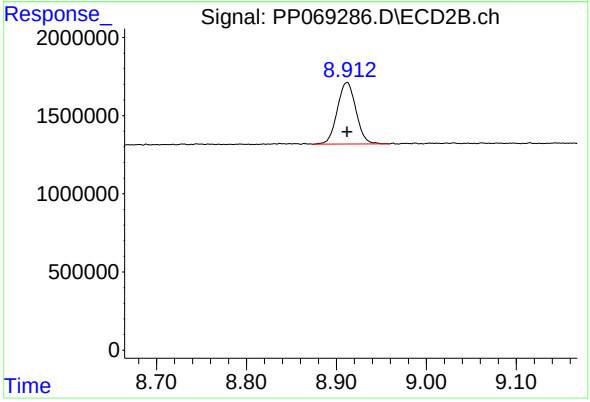
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 4091392
Conc: 4.38 ng/ml



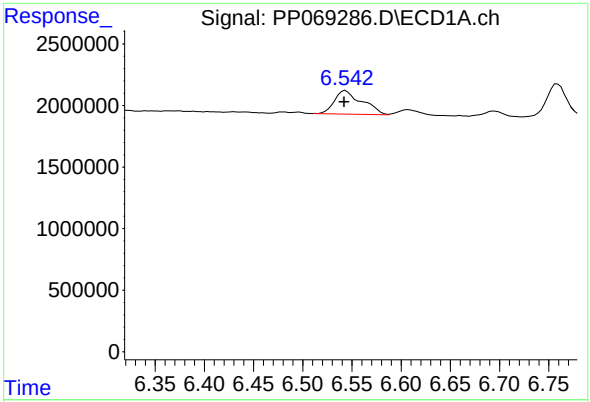
#2 Decachlorobiphenyl

R.T.: 10.277 min
Delta R.T.: 0.000 min
Response: 4792685
Conc: 4.41 ng/ml



#2 Decachlorobiphenyl

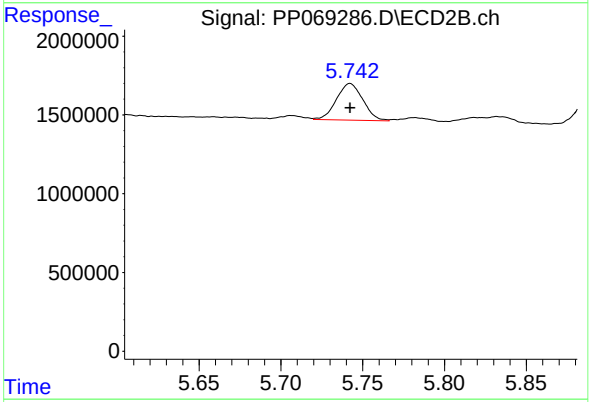
R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 5691534
Conc: 4.99 ng/ml



#26 AR-1254-1

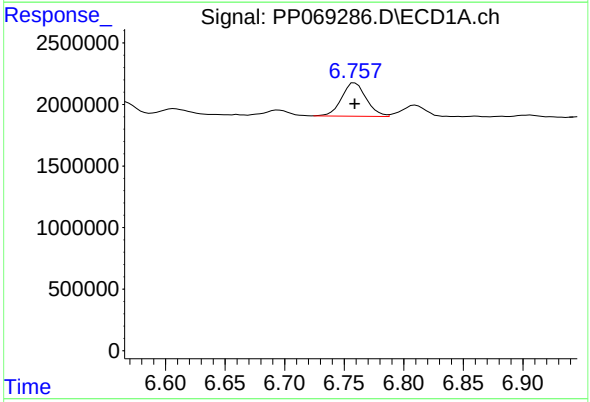
R.T.: 6.544 min
Delta R.T.: 0.001 min
Response: 3716378
Conc: 65.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



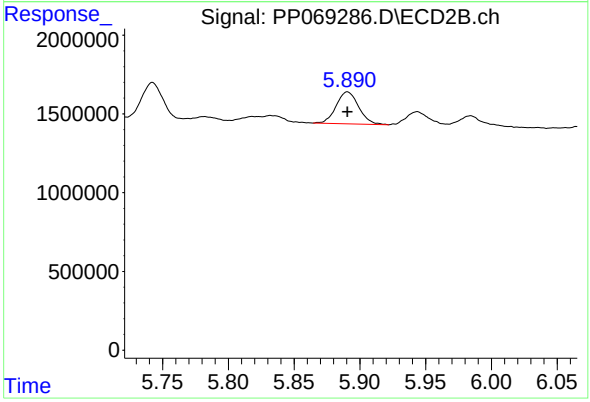
#26 AR-1254-1

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 2628819
Conc: 47.75 ng/ml



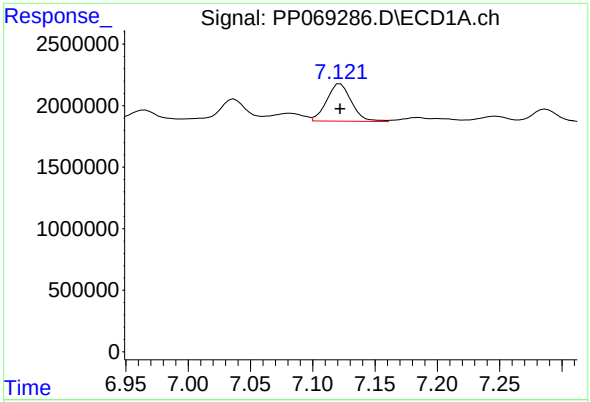
#27 AR-1254-2

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 3901432
Conc: 48.62 ng/ml



#27 AR-1254-2

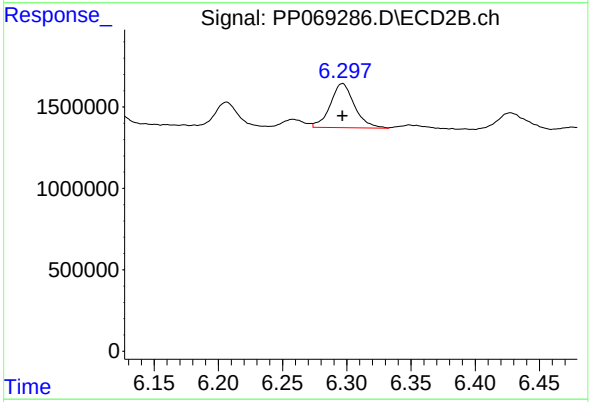
R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 2408006
Conc: 49.78 ng/ml



#28 AR-1254-3

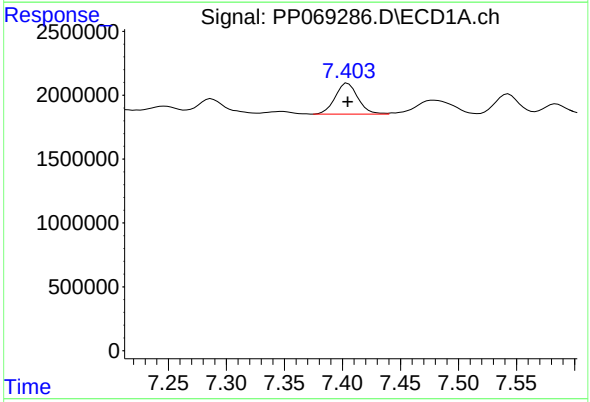
R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 4219753
Conc: 50.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



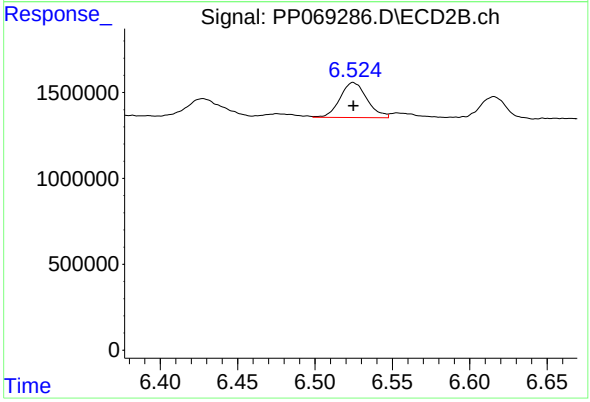
#28 AR-1254-3

R.T.: 6.297 min
Delta R.T.: 0.000 min
Response: 3542972
Conc: 46.68 ng/ml



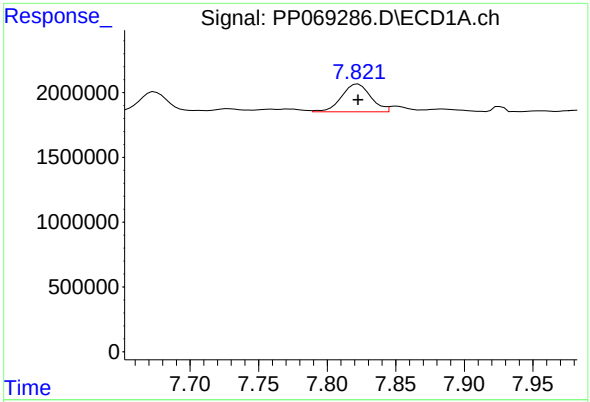
#29 AR-1254-4

R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 3314077
Conc: 48.60 ng/ml



#29 AR-1254-4

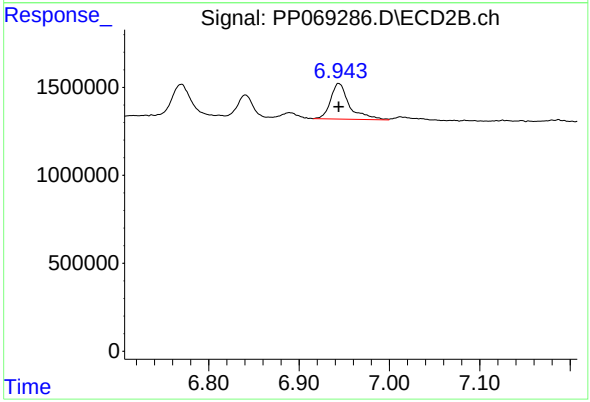
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2474657
Conc: 48.29 ng/ml



#30 AR-1254-5

R.T.: 7.823 min
Delta R.T.: 0.000 min
Response: 3170800
Conc: 46.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 2933240
Conc: 44.07 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:30
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:46:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.539	3.840	4546635	2843700	3.290	3.181
2)	SA Decachlor...	10.278	8.910	5979560	6573940	3.419	3.771
	Target Compounds						
41)	L9 AR-1268-1	8.763	7.767	6295775	5422252	35.654	37.363
42)	L9 AR-1268-2	8.857	7.832	5727609	4780082	36.395	35.990
43)	L9 AR-1268-3	9.093	8.039	4626946	4204668	34.600	36.968
44)	L9 AR-1268-4	9.511	8.335	1957538	1726940	33.336	33.161
45)	L9 AR-1268-5	9.933	8.641	13066763	12717604	34.305	35.705

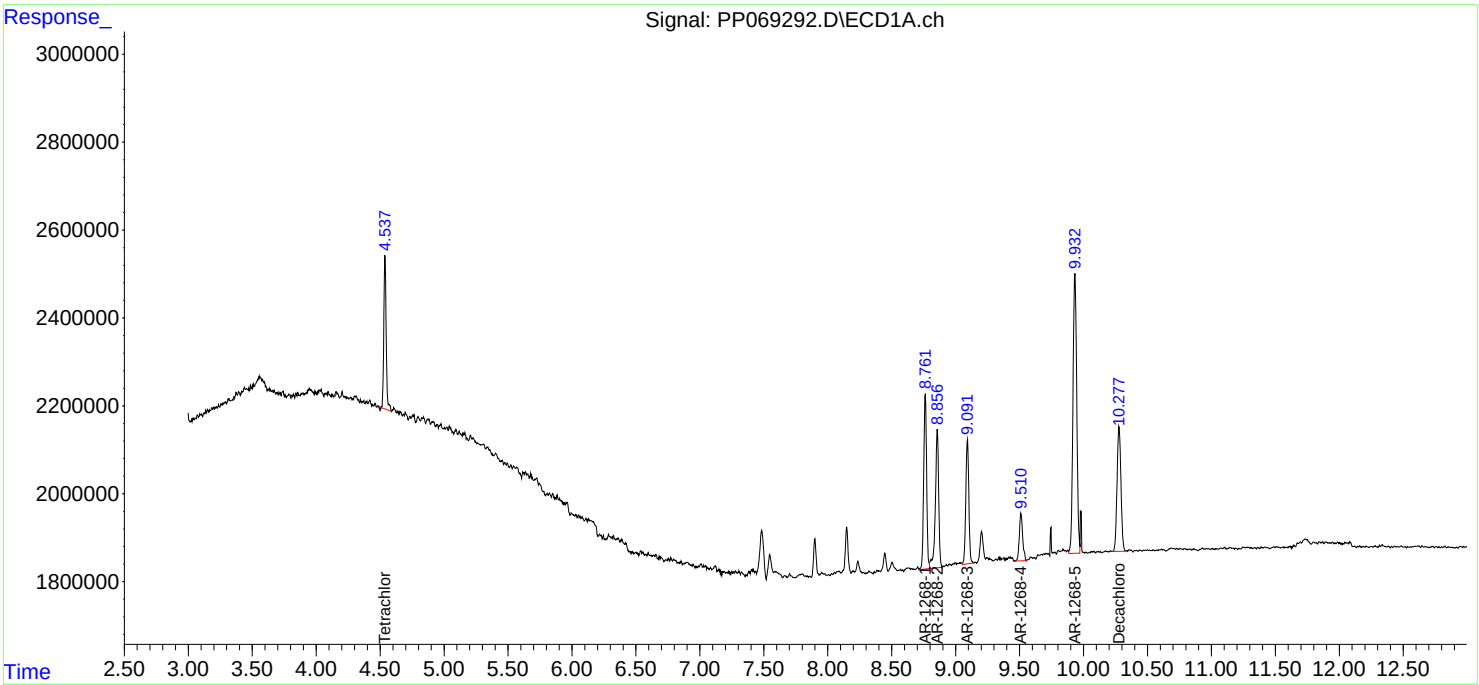
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

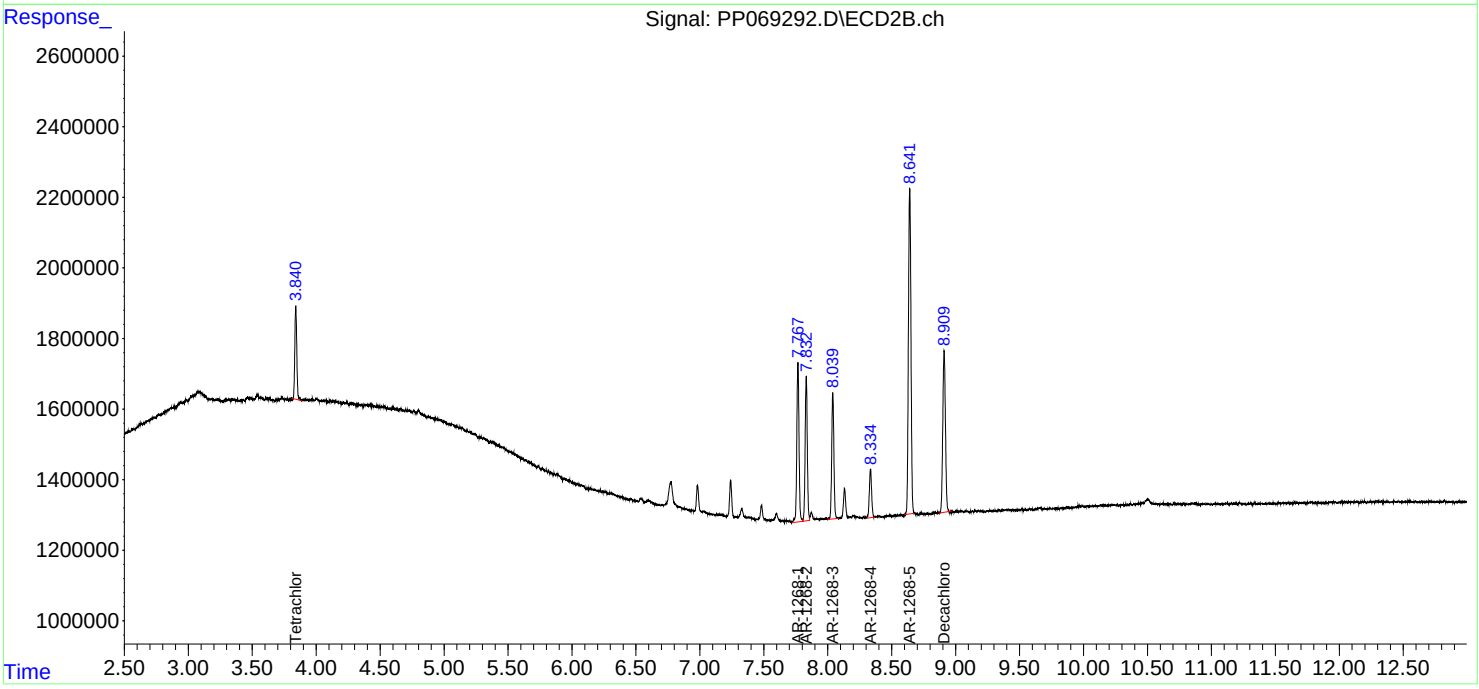
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012825\
Data File : PP069292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 17:30
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

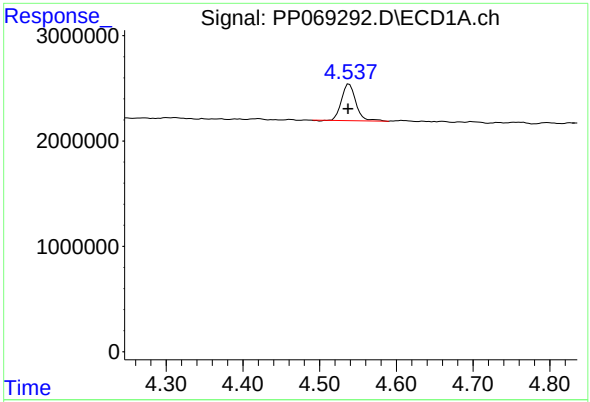
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 28 17:46:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jan 28 17:46:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



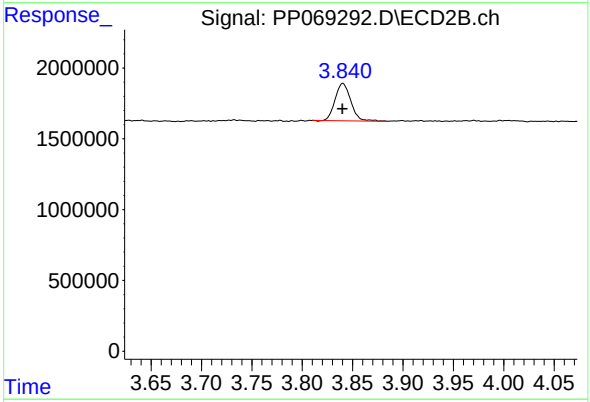




#1 Tetrachloro-m-xylene

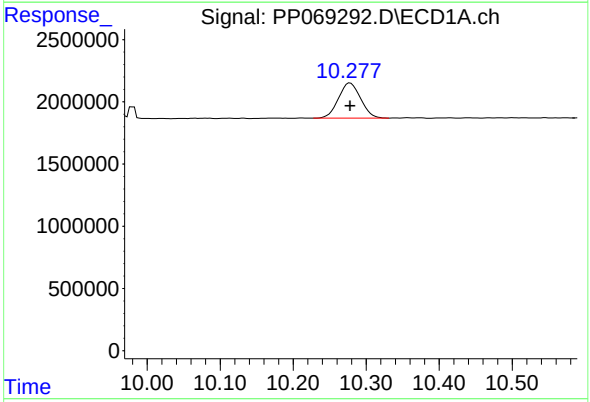
R.T.: 4.539 min
Delta R.T.: 0.002 min
Response: 4546635
Conc: 3.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



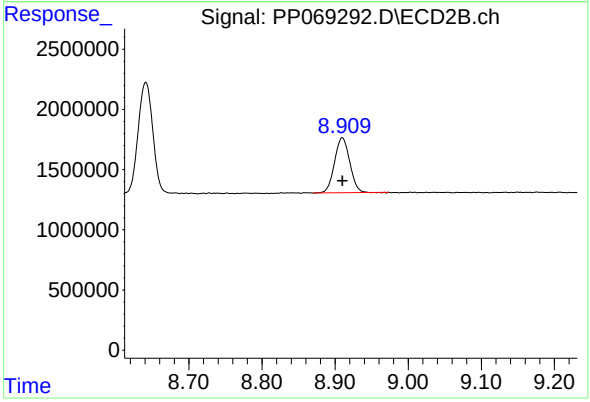
#1 Tetrachloro-m-xylene

R.T.: 3.840 min
Delta R.T.: 0.000 min
Response: 2843700
Conc: 3.18 ng/ml



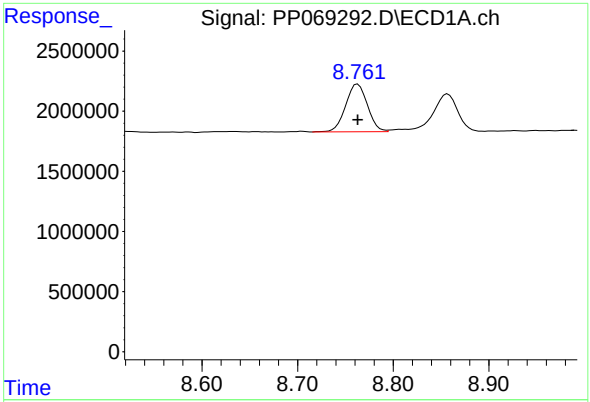
#2 Decachlorobiphenyl

R.T.: 10.278 min
Delta R.T.: 0.000 min
Response: 5979560
Conc: 3.42 ng/ml



#2 Decachlorobiphenyl

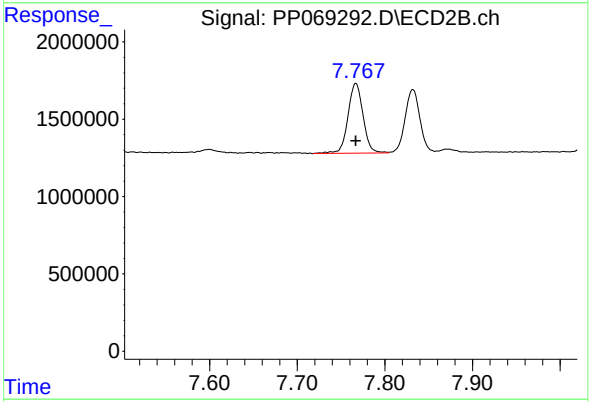
R.T.: 8.910 min
Delta R.T.: 0.000 min
Response: 6573940
Conc: 3.77 ng/ml



#41 AR-1268-1

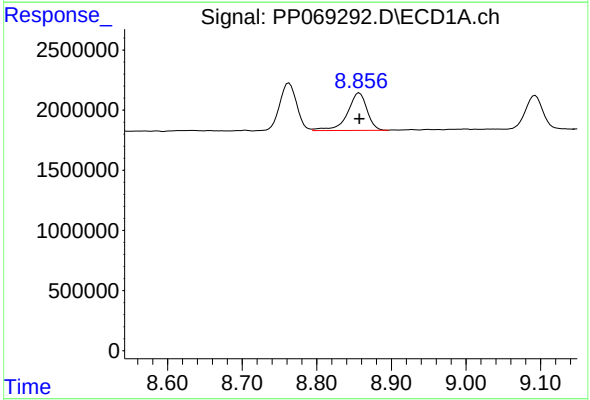
R.T.: 8.763 min
Delta R.T.: 0.000 min
Response: 6295775
Conc: 35.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



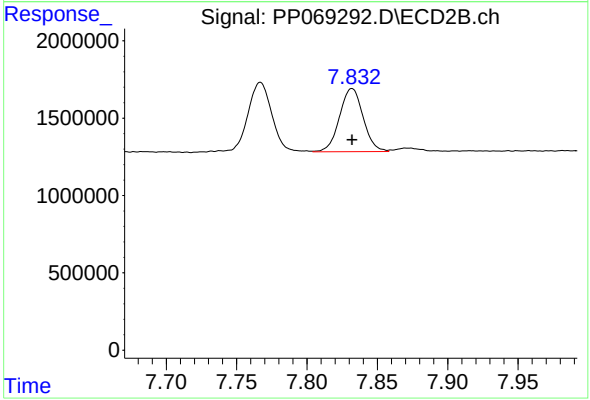
#41 AR-1268-1

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 5422252
Conc: 37.36 ng/ml



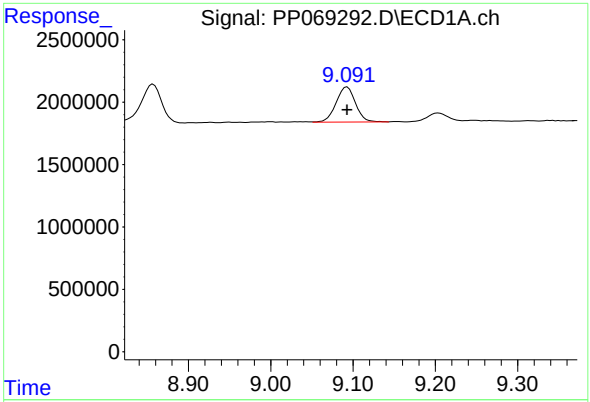
#42 AR-1268-2

R.T.: 8.857 min
Delta R.T.: 0.000 min
Response: 5727609
Conc: 36.40 ng/ml



#42 AR-1268-2

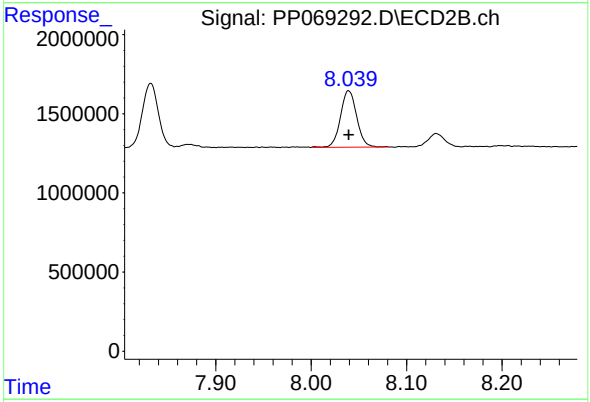
R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 4780082
Conc: 35.99 ng/ml



#43 AR-1268-3

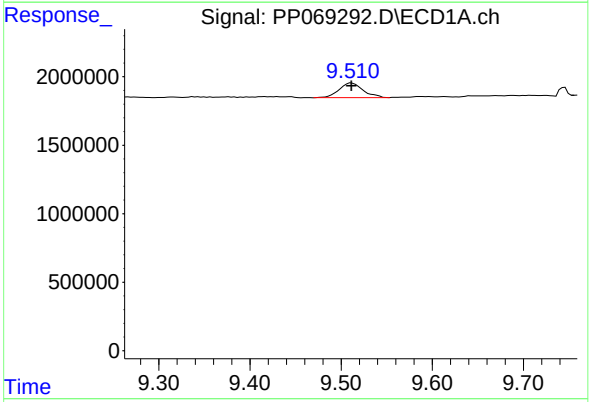
R.T.: 9.093 min
Delta R.T.: 0.000 min
Response: 4626946
Conc: 34.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



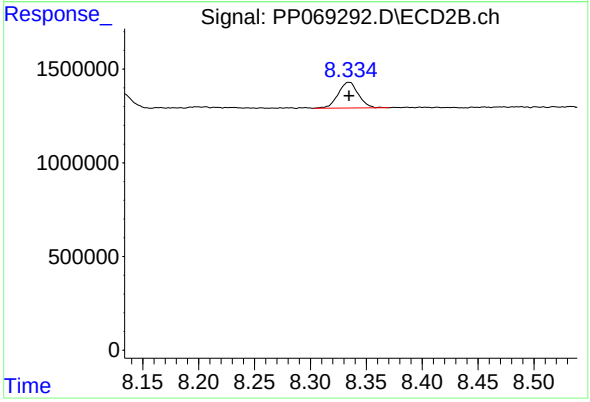
#43 AR-1268-3

R.T.: 8.039 min
Delta R.T.: 0.000 min
Response: 4204668
Conc: 36.97 ng/ml



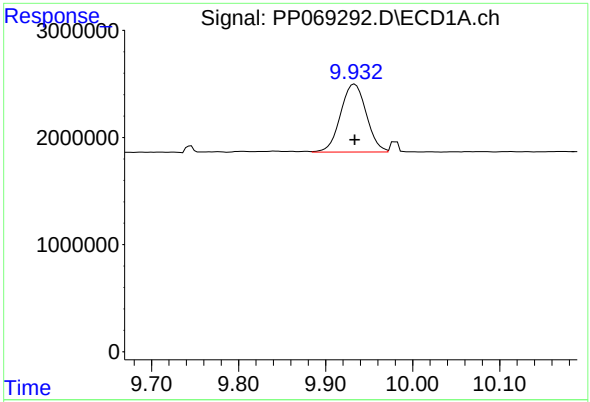
#44 AR-1268-4

R.T.: 9.511 min
Delta R.T.: 0.000 min
Response: 1957538
Conc: 33.34 ng/ml



#44 AR-1268-4

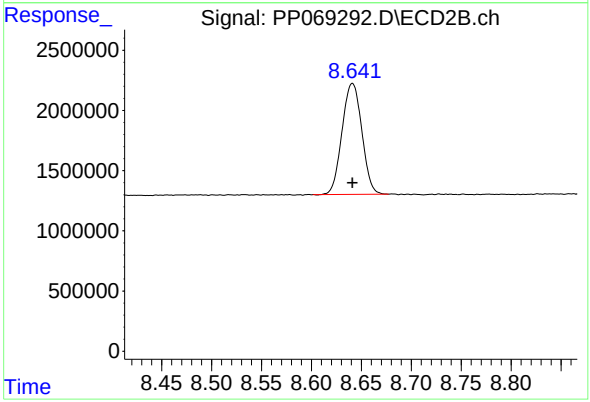
R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 1726940
Conc: 33.16 ng/ml



#45 AR-1268-5

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 13066763
Conc: 34.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.641 min
Delta R.T.: 0.000 min
Response: 12717604
Conc: 35.71 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 20:18
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:30:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.528	3.830	74273786	42285644	51.886	47.377	
2)	SA Decachlor...	10.254	8.889	55017864	49748869	50.341	44.479	
	Target Compounds							
3)	L1 AR-1016-1	5.702	4.939	34336024	20892241	741.071	640.571	
4)	L1 AR-1016-2	5.702	4.939	34336024	20892241	505.855	464.701	
5)	L1 AR-1016-3	5.764	5.116	21312002	11906058	500.322	478.463	
6)	L1 AR-1016-4	5.862	5.158	18109375	9018642	517.404	446.550	
7)	L1 AR-1016-5	6.155	5.373	15454878	14146523	467.500	527.385	
8)	L2 AR-1221-1	4.724	4.040	2438962	1776685	128.235	144.235	
9)	L2 AR-1221-2	4.815	4.129	3599479	2518842	262.880	260.120	
10)	L2 AR-1221-3	4.890	4.204	12571352	9020601	299.722	309.198	
11)	L3 AR-1232-1	4.890	4.204	12571352	9020601	377.590	384.191	
12)	L3 AR-1232-2	5.415	4.939	16264233	20892241	995.241	886.325	
13)	L3 AR-1232-3	5.702	5.116	34336024	11906058	999.332	919.582	
14)	L3 AR-1232-4	5.862	5.200	18109375	11335451	1016.456	1022.473	
15)	L3 AR-1232-5	5.952	5.373	14862354	14146523	1296.616	1158.571	
16)	L4 AR-1242-1	5.702	4.939	34336024	20892241	823.302	724.619	
17)	L4 AR-1242-2	5.702	4.939	34336024	20892241	582.056	530.290	
18)	L4 AR-1242-3	5.764	5.116	21312002	11906058	574.469	529.062	
19)	L4 AR-1242-4	5.862	5.200	18109375	11335451	552.205	525.221	
20)	L4 AR-1242-5	6.593	5.727	7437703	13013228	228.260	452.345	#
21)	L5 AR-1248-1	5.680	4.939	23688470	20892241	730.245	949.192	#
22)	L5 AR-1248-2	5.952	5.158	14862354	9018642	350.144	299.976	
23)	L5 AR-1248-3	6.155	5.200	15454878	11335451	328.917	365.845	
24)	L5 AR-1248-4	6.593	5.373	7437703	14146523	134.933	382.921	#
25)	L5 AR-1248-5	6.593	5.767	7437703	3647630	139.325	97.558	#
26)	L6 AR-1254-1	6.530	5.727	21525494	13013228	372.003	236.364	#
27)	L6 AR-1254-2	6.746	5.875	15032649	9797748	187.342	202.563	
28)	L6 AR-1254-3	7.109	6.296	9057379	23647063	107.457	311.572	#
29)	L6 AR-1254-4	7.392	6.539	7354398	5999085	107.855	117.056	
30)	L6 AR-1254-5	7.808	6.926	45369643	29662422	666.748	445.646	#
31)	L7 AR-1260-1	7.274	6.411	30046490	24122751	514.175	500.166	
32)	L7 AR-1260-2	7.528	6.599	37026605	30456410	475.841	496.812	
33)	L7 AR-1260-3	7.886	6.753	30518852	17951035	488.151	298.406	#
34)	L7 AR-1260-4	8.111	7.226	30847543	22074431	467.552	475.049	
35)	L7 AR-1260-5	8.431	7.466	63097270	53922596	481.931	485.155	
36)	L8 AR-1262-1	8.111	6.966	30847543	26325705	390.385	370.716	
37)	L8 AR-1262-2	8.431	7.226	63097270	22074431	412.607	361.998	
38)	L8 AR-1262-3	8.756	7.750	40160485	14378825	377.875	274.934	#
39)	L8 AR-1262-4	8.834	7.814	26215130	39797228	320.506	430.536	#
40)	L8 AR-1262-5	9.492	8.316	19164402	16453225	338.533	344.266	
41)	L9 AR-1268-1	8.756	7.750	40160485	14378825	227.437	99.081	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 20:18
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:30:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.834	7.814	26215130	39797228	166.581	299.643 #
43) L9	AR-1268-3	9.073	8.022	784852	682479	5.869	6.000
44) L9	AR-1268-4	9.492	8.316	19164402	16453225	326.365	315.934
45) L9	AR-1268-5	9.911	8.621	5225469	4028488	13.719	11.310

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

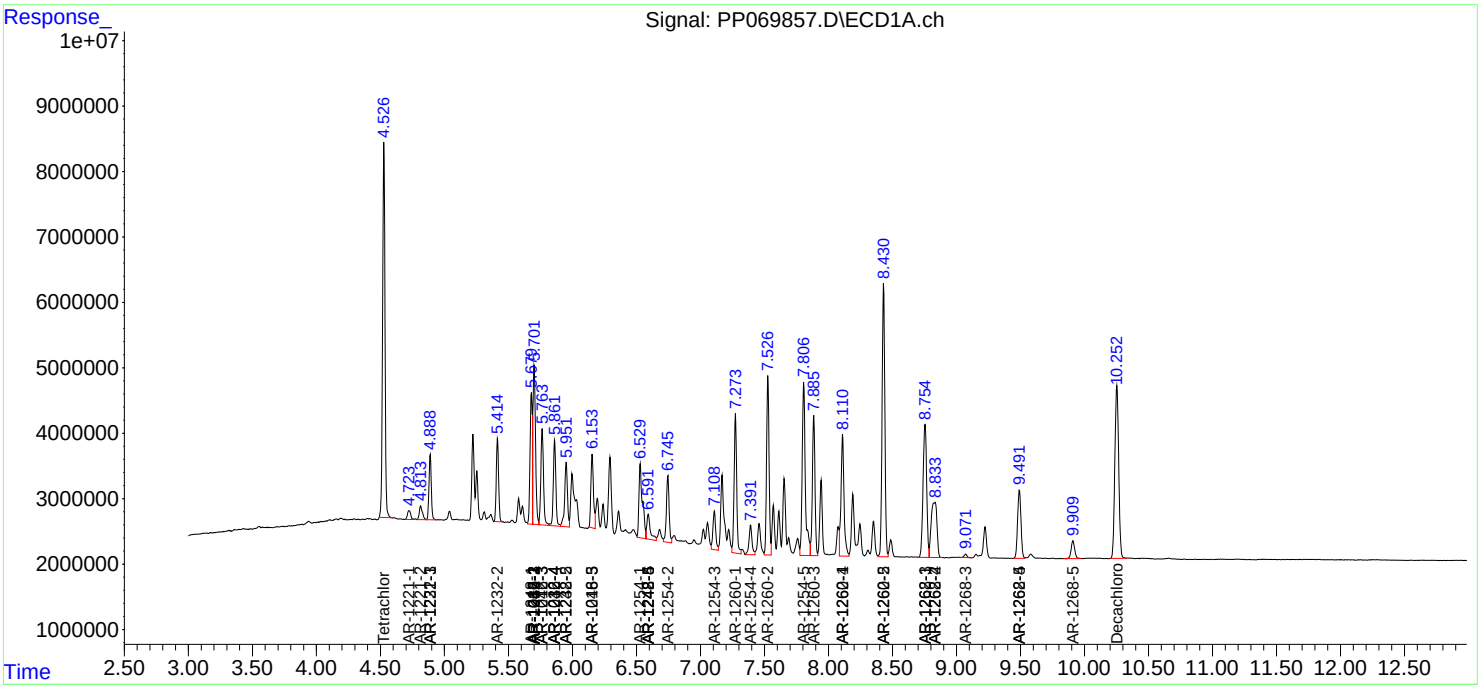
Quantitation Report (Not Reviewed)

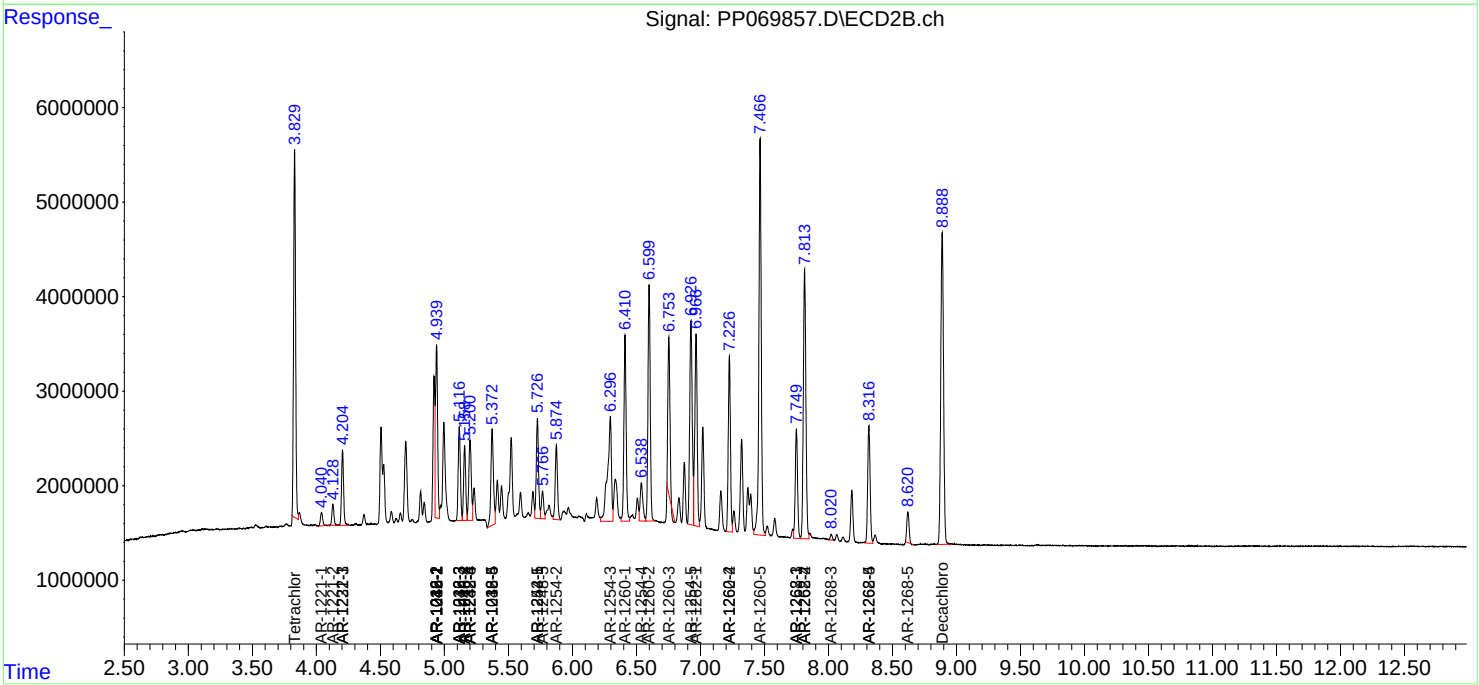
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 20:18
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

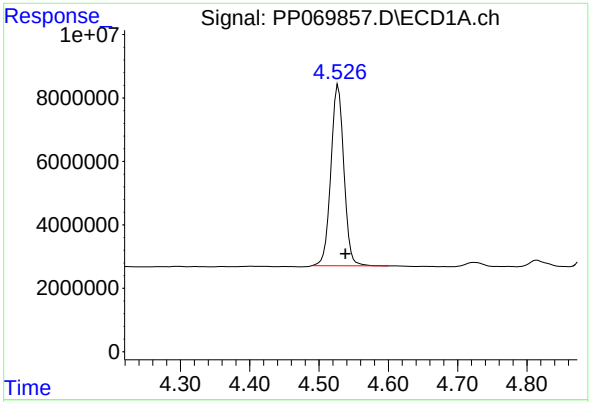
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:30:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



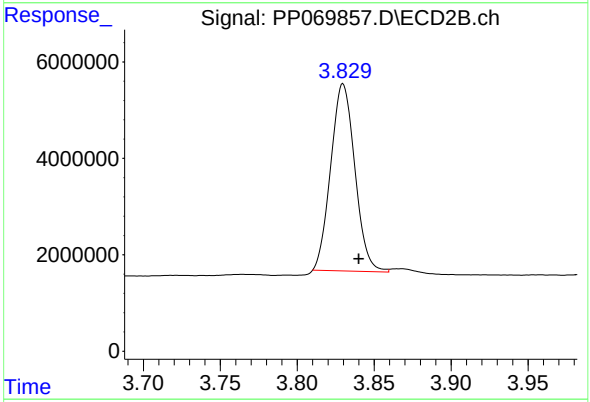




#1 Tetrachloro-m-xylene

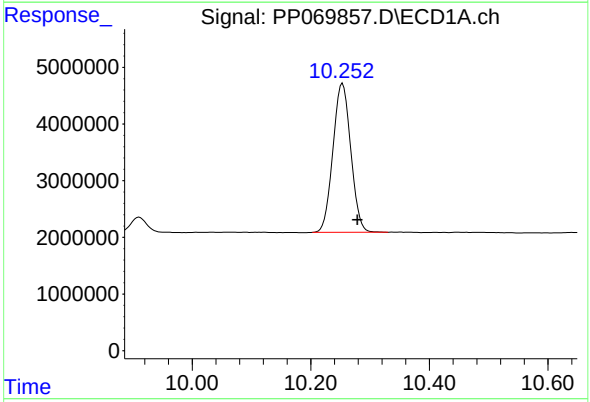
R.T.: 4.528 min
Delta R.T.: -0.010 min
Response: 74273786
Conc: 51.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



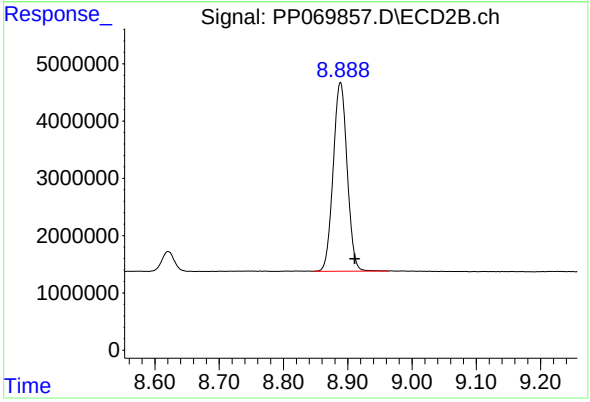
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 42285644
Conc: 47.38 ng/ml



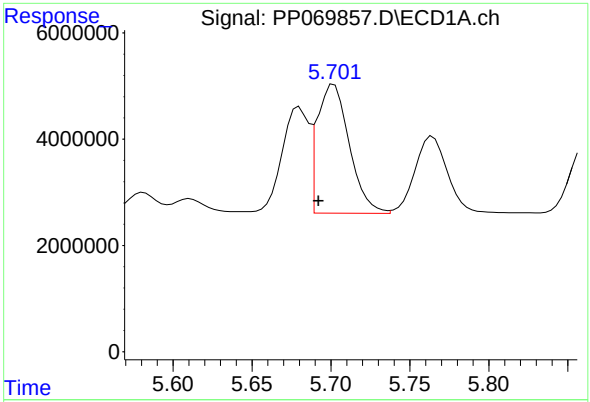
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.025 min
Response: 55017864
Conc: 50.34 ng/ml



#2 Decachlorobiphenyl

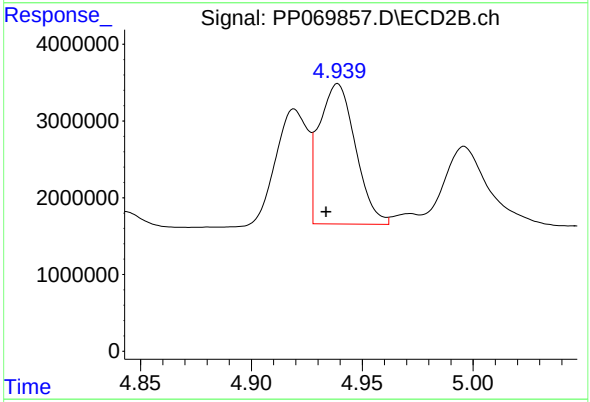
R.T.: 8.889 min
Delta R.T.: -0.023 min
Response: 49748869
Conc: 44.48 ng/ml



#3 AR-1016-1

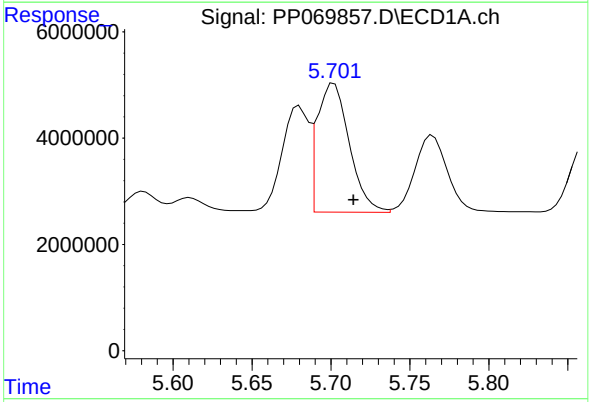
R.T.: 5.702 min
Delta R.T.: 0.010 min
Response: 34336024
Conc: 741.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



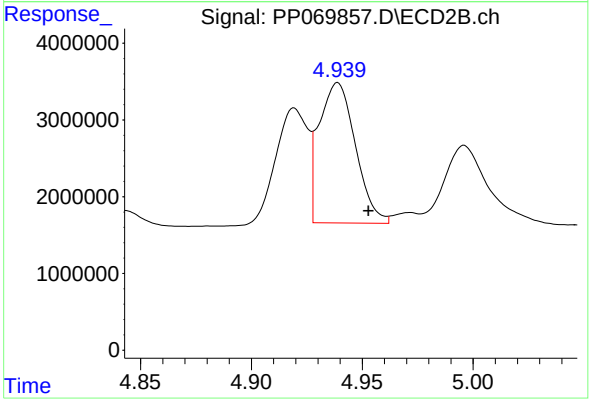
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 20892241
Conc: 640.57 ng/ml



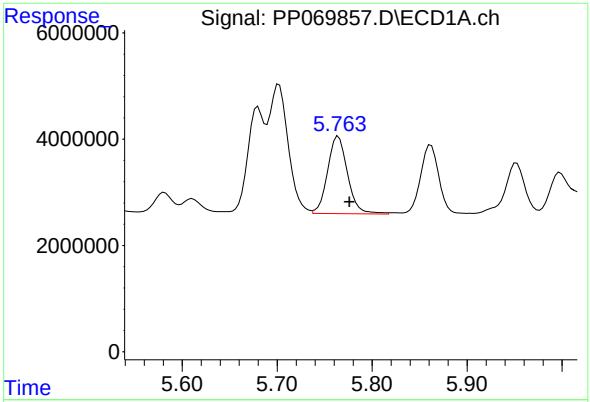
#4 AR-1016-2

R.T.: 5.702 min
Delta R.T.: -0.012 min
Response: 34336024
Conc: 505.86 ng/ml



#4 AR-1016-2

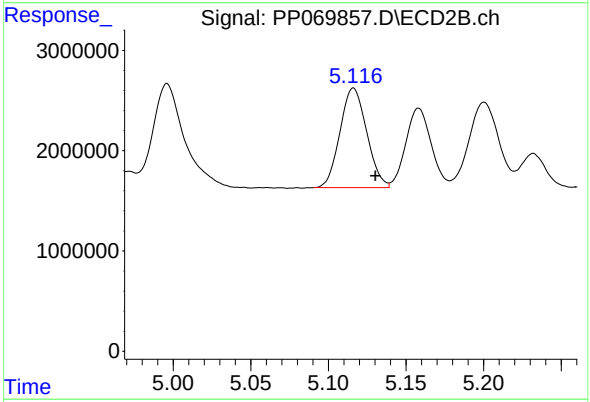
R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 20892241
Conc: 464.70 ng/ml



#5 AR-1016-3

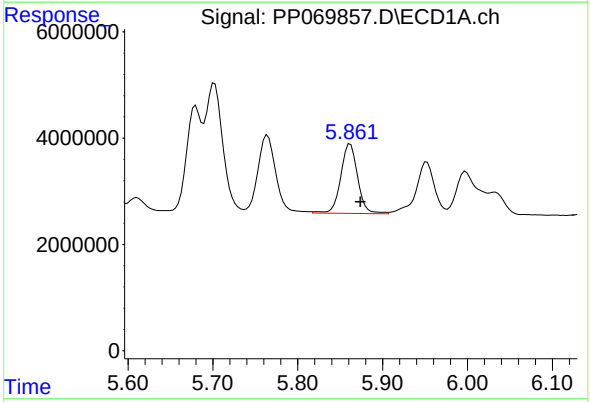
R.T.: 5.764 min
Delta R.T.: -0.012 min
Response: 21312002
Conc: 500.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



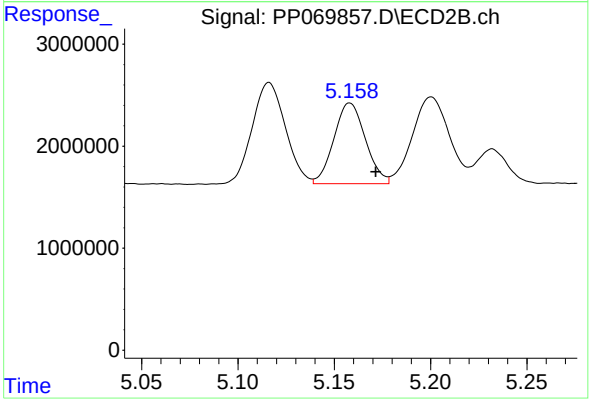
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 11906058
Conc: 478.46 ng/ml



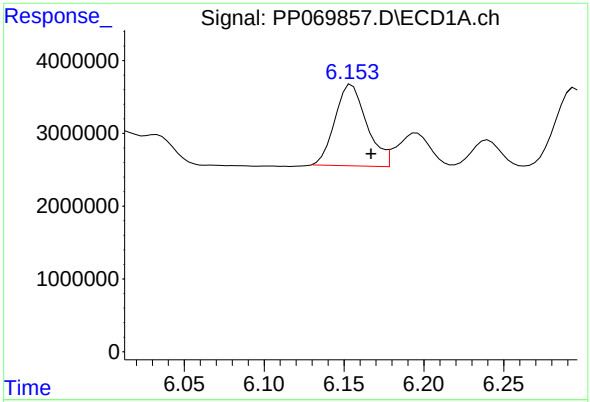
#6 AR-1016-4

R.T.: 5.862 min
Delta R.T.: -0.012 min
Response: 18109375
Conc: 517.40 ng/ml



#6 AR-1016-4

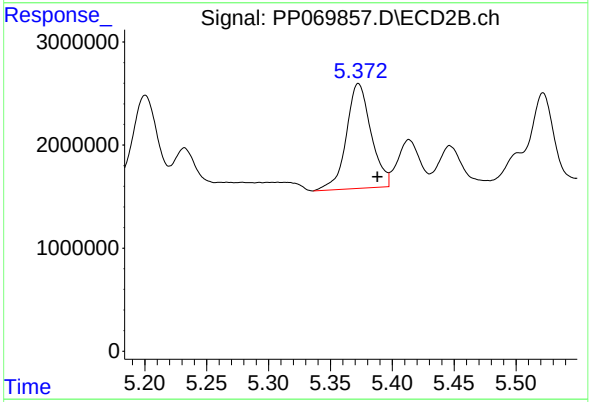
R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 9018642
Conc: 446.55 ng/ml



#7 AR-1016-5

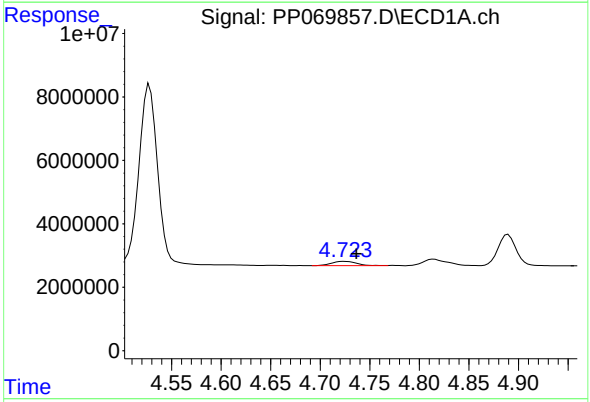
R.T.: 6.155 min
Delta R.T.: -0.012 min
Response: 15454878
Conc: 467.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



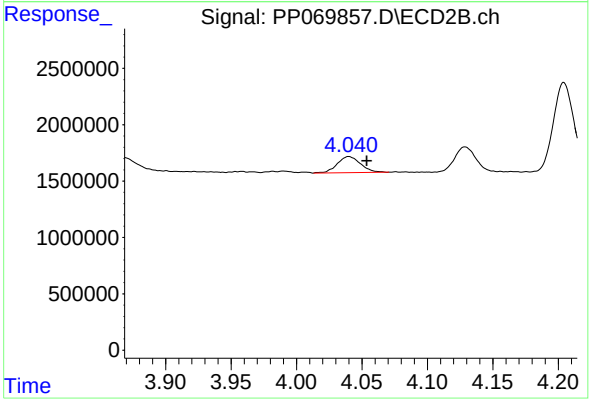
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 14146523
Conc: 527.39 ng/ml



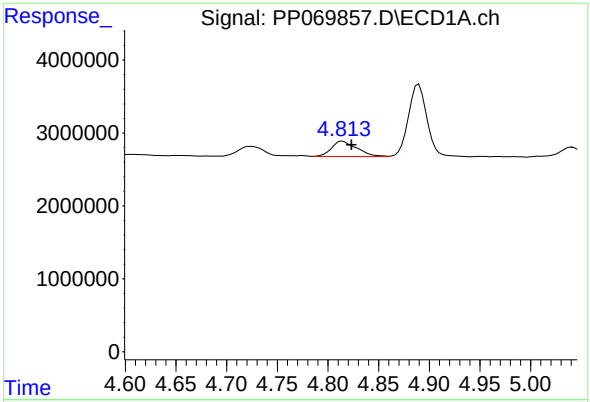
#8 AR-1221-1

R.T.: 4.724 min
Delta R.T.: -0.012 min
Response: 2438962
Conc: 128.23 ng/ml



#8 AR-1221-1

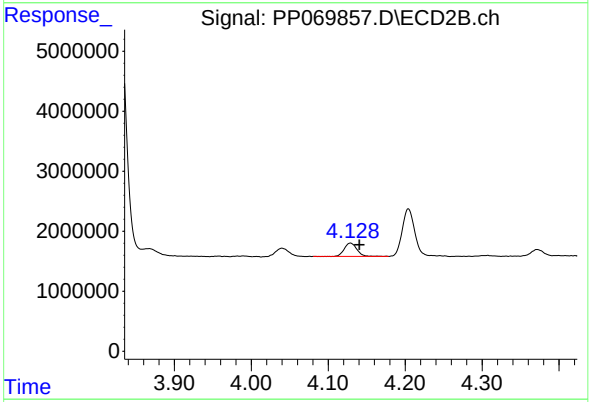
R.T.: 4.040 min
Delta R.T.: -0.014 min
Response: 1776685
Conc: 144.23 ng/ml



#9 AR-1221-2

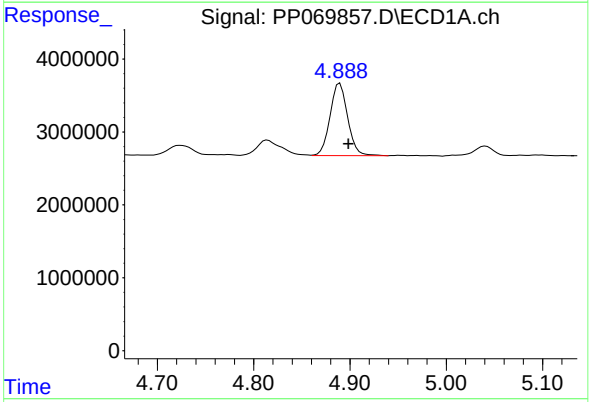
R.T.: 4.815 min
Delta R.T.: -0.009 min
Response: 3599479
Conc: 262.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



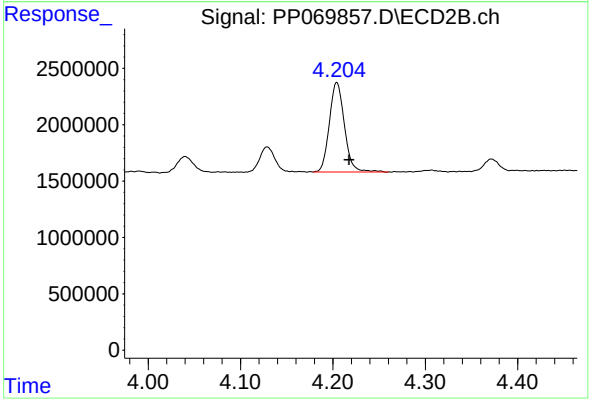
#9 AR-1221-2

R.T.: 4.129 min
Delta R.T.: -0.012 min
Response: 2518842
Conc: 260.12 ng/ml



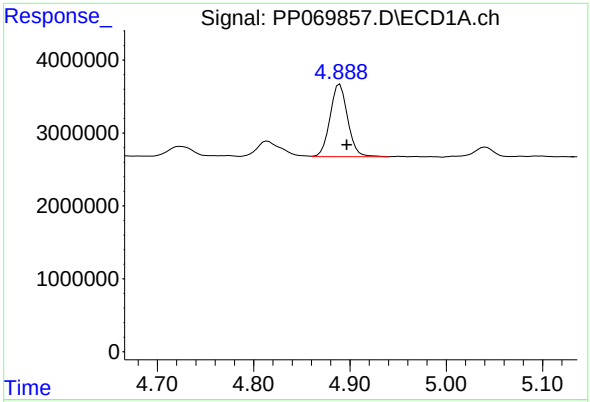
#10 AR-1221-3

R.T.: 4.890 min
Delta R.T.: -0.009 min
Response: 12571352
Conc: 299.72 ng/ml



#10 AR-1221-3

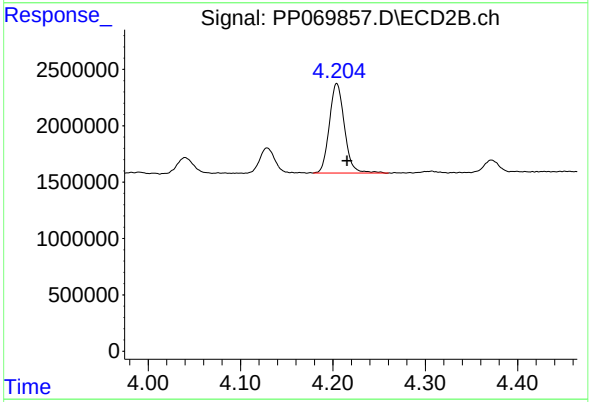
R.T.: 4.204 min
Delta R.T.: -0.013 min
Response: 9020601
Conc: 309.20 ng/ml



#11 AR-1232-1

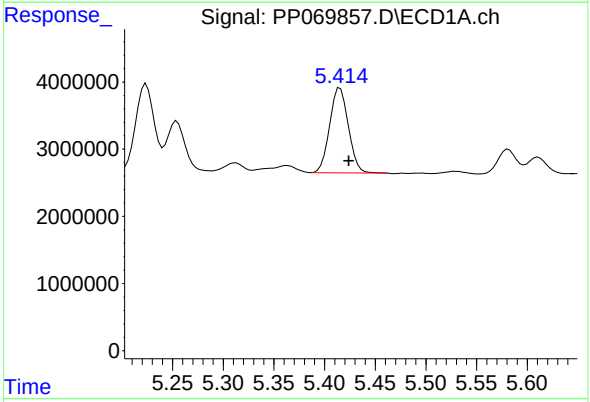
R.T.: 4.890 min
Delta R.T.: -0.007 min
Response: 12571352
Conc: 377.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



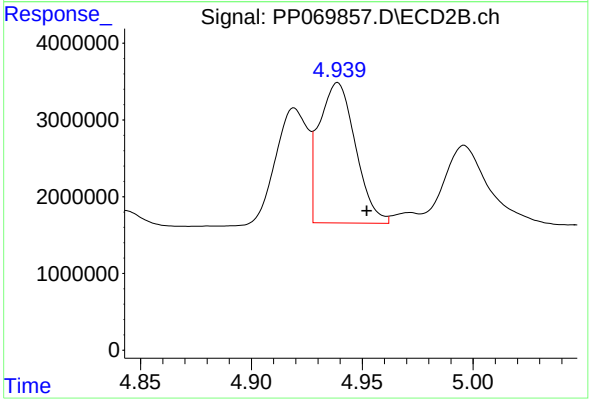
#11 AR-1232-1

R.T.: 4.204 min
Delta R.T.: -0.011 min
Response: 9020601
Conc: 384.19 ng/ml



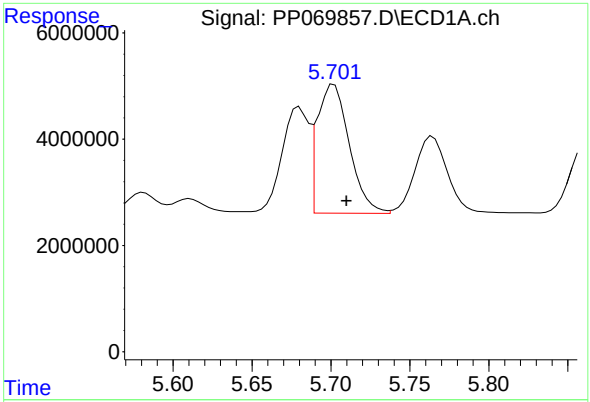
#12 AR-1232-2

R.T.: 5.415 min
Delta R.T.: -0.008 min
Response: 16264233
Conc: 995.24 ng/ml



#12 AR-1232-2

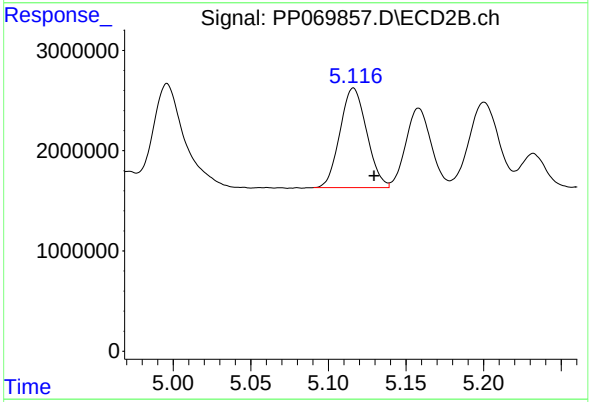
R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 20892241
Conc: 886.32 ng/ml



#13 AR-1232-3

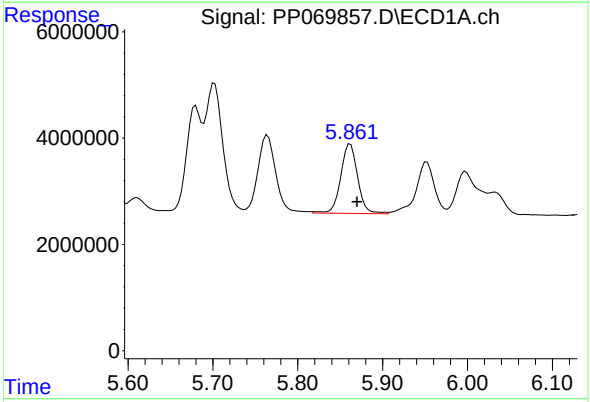
R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 34336024
Conc: 999.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



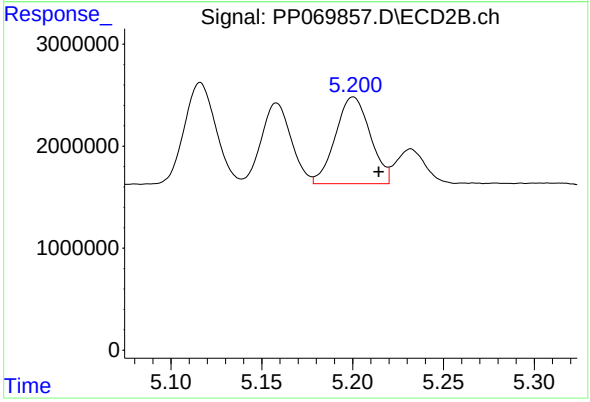
#13 AR-1232-3

R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 11906058
Conc: 919.58 ng/ml



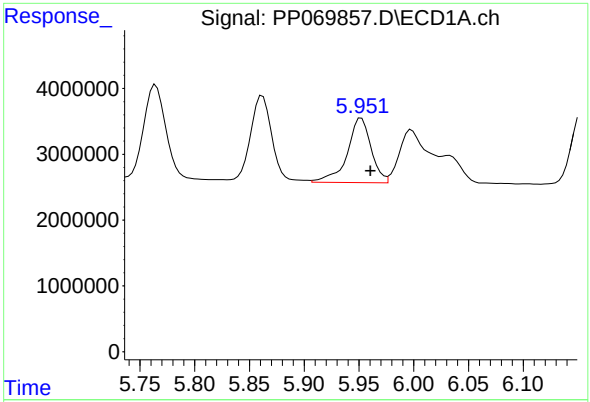
#14 AR-1232-4

R.T.: 5.862 min
Delta R.T.: -0.008 min
Response: 18109375
Conc: 1016.46 ng/ml



#14 AR-1232-4

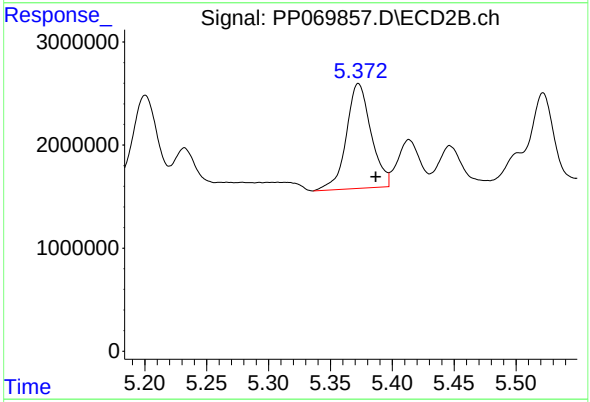
R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 11335451
Conc: 1022.47 ng/ml



#15 AR-1232-5

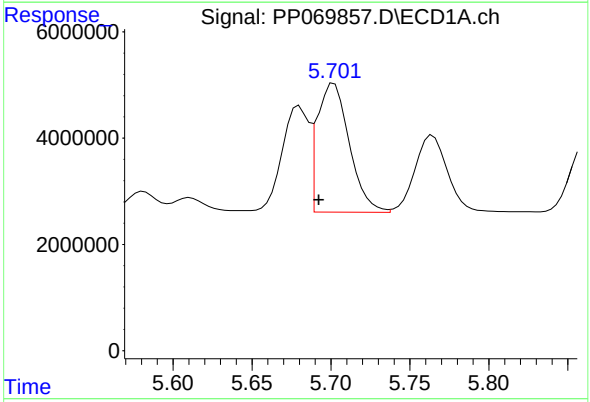
R.T.: 5.952 min
Delta R.T.: -0.008 min
Response: 14862354
Conc: 1296.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



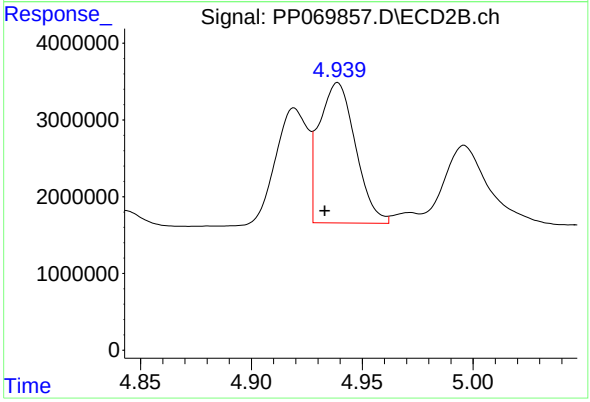
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 14146523
Conc: 1158.57 ng/ml



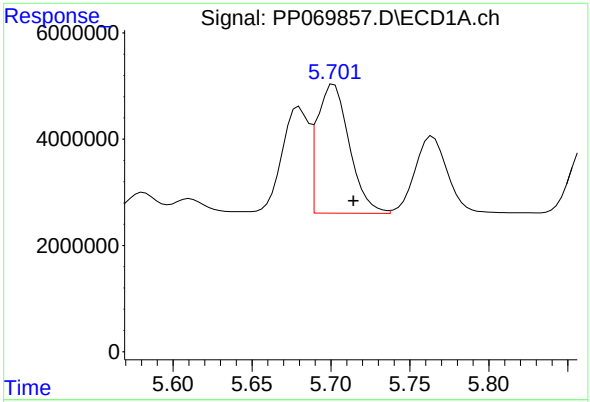
#16 AR-1242-1

R.T.: 5.702 min
Delta R.T.: 0.010 min
Response: 34336024
Conc: 823.30 ng/ml



#16 AR-1242-1

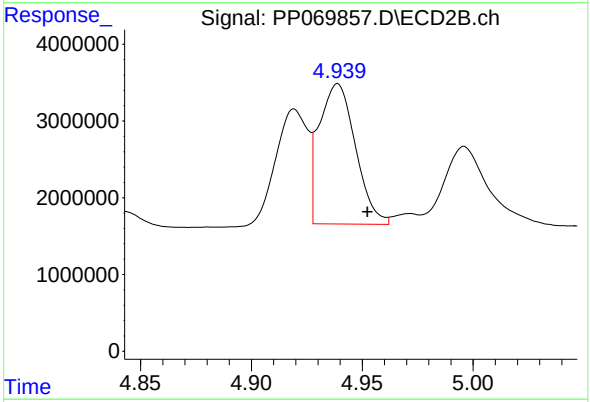
R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 20892241
Conc: 724.62 ng/ml



#17 AR-1242-2

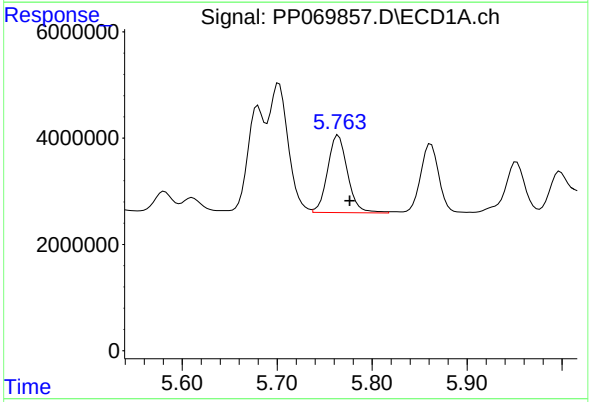
R.T.: 5.702 min
Delta R.T.: -0.012 min
Response: 34336024
Conc: 582.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



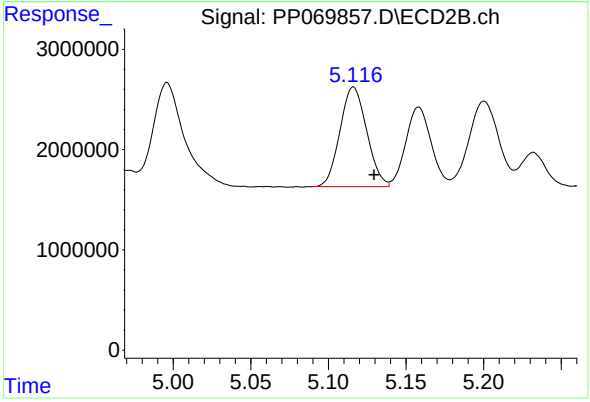
#17 AR-1242-2

R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 20892241
Conc: 530.29 ng/ml



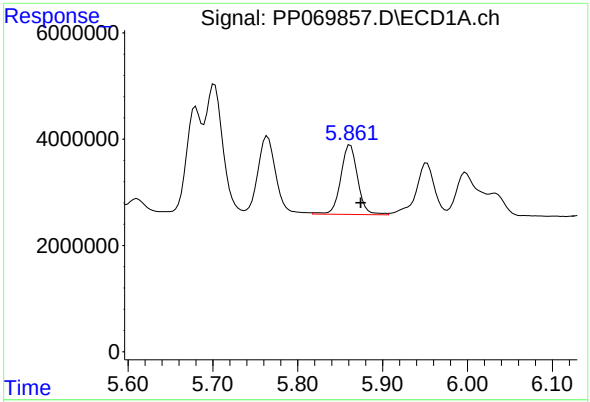
#18 AR-1242-3

R.T.: 5.764 min
Delta R.T.: -0.012 min
Response: 21312002
Conc: 574.47 ng/ml



#18 AR-1242-3

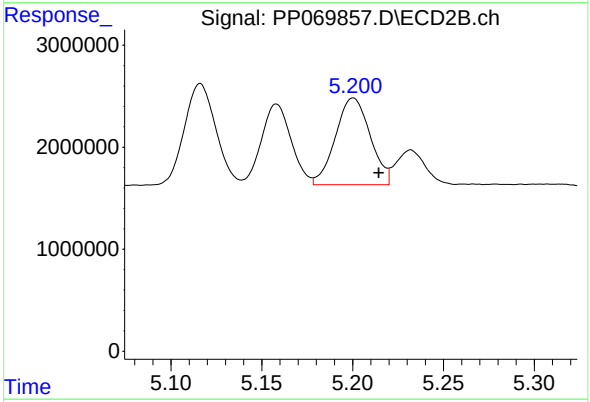
R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 11906058
Conc: 529.06 ng/ml



#19 AR-1242-4

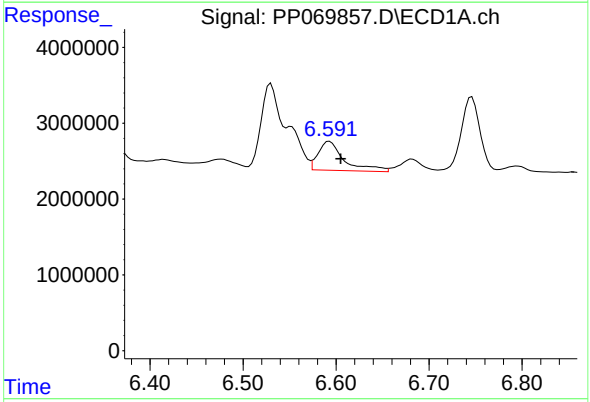
R.T.: 5.862 min
Delta R.T.: -0.012 min
Response: 18109375
Conc: 552.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



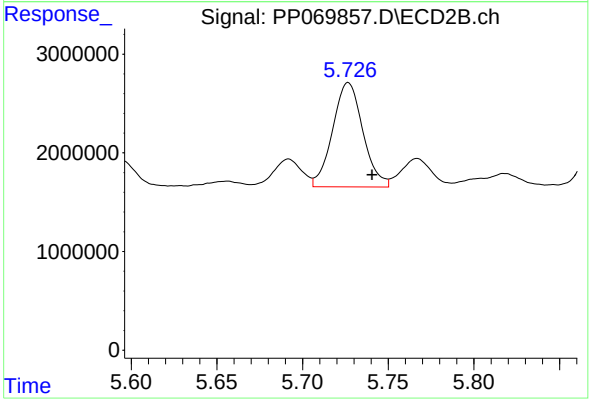
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 11335451
Conc: 525.22 ng/ml



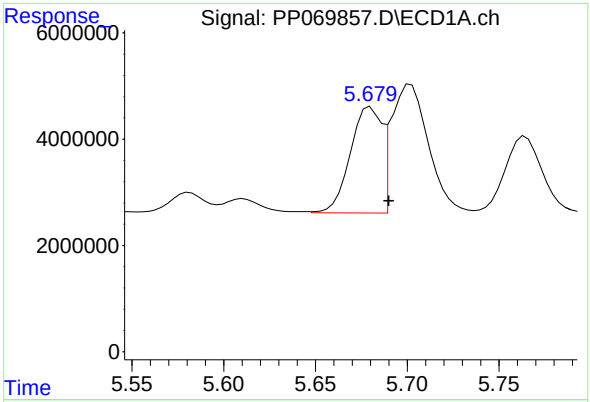
#20 AR-1242-5

R.T.: 6.593 min
Delta R.T.: -0.012 min
Response: 7437703
Conc: 228.26 ng/ml



#20 AR-1242-5

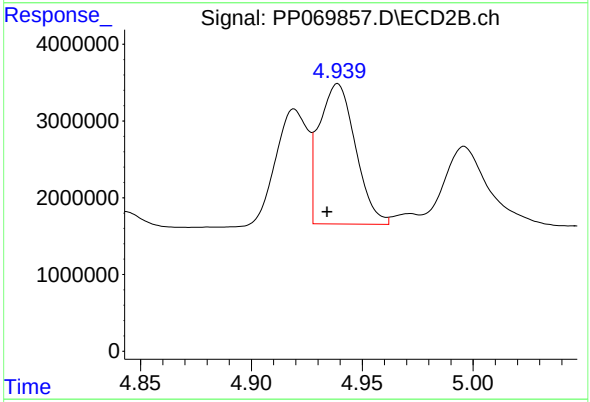
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 13013228
Conc: 452.35 ng/ml



#21 AR-1248-1

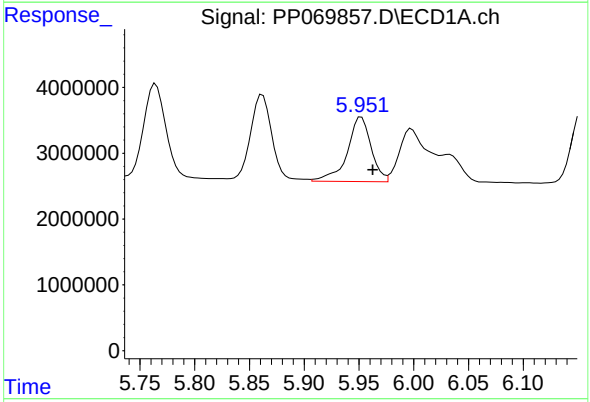
R.T.: 5.680 min
Delta R.T.: -0.010 min
Response: 23688470
Conc: 730.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



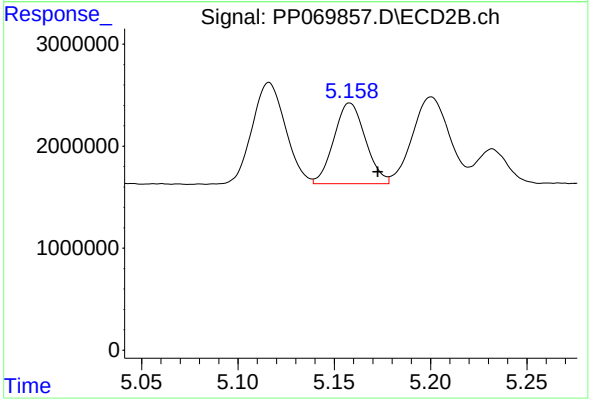
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 20892241
Conc: 949.19 ng/ml



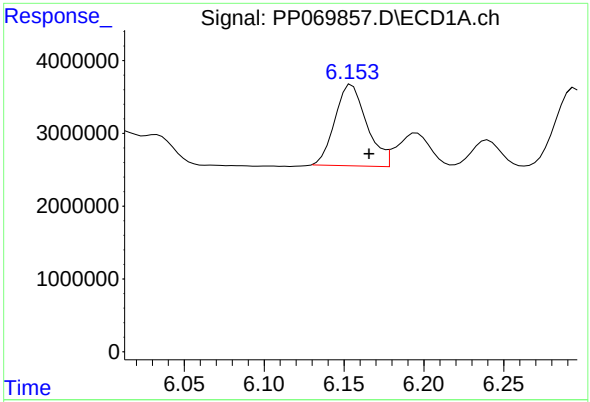
#22 AR-1248-2

R.T.: 5.952 min
Delta R.T.: -0.011 min
Response: 14862354
Conc: 350.14 ng/ml



#22 AR-1248-2

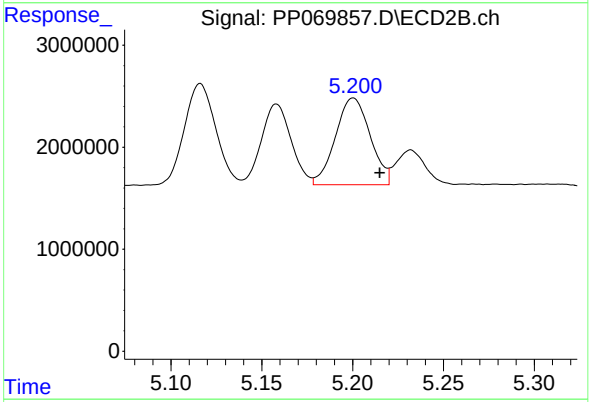
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9018642
Conc: 299.98 ng/ml



#23 AR-1248-3

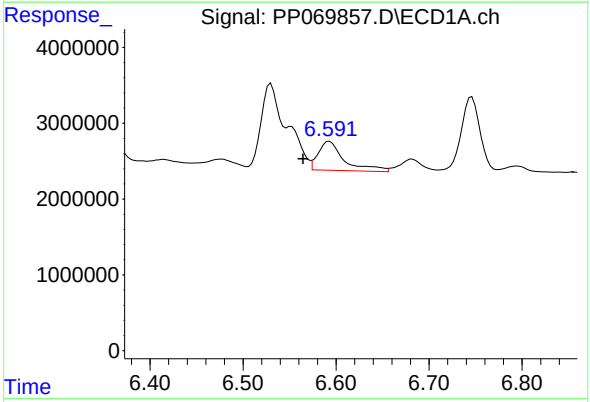
R.T.: 6.155 min
Delta R.T.: -0.011 min
Response: 15454878
Conc: 328.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



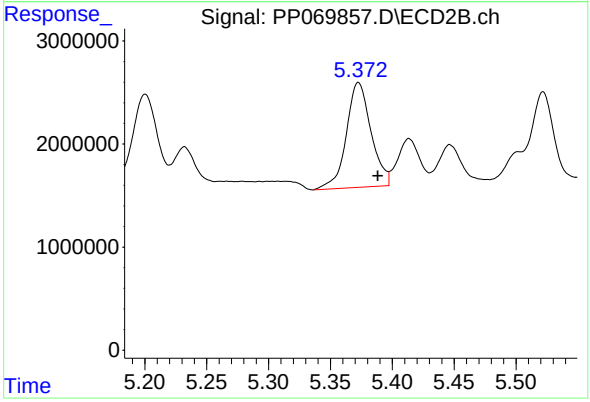
#23 AR-1248-3

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 11335451
Conc: 365.85 ng/ml



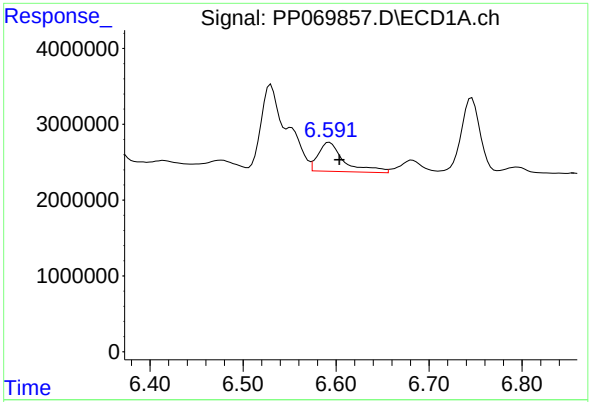
#24 AR-1248-4

R.T.: 6.593 min
Delta R.T.: 0.028 min
Response: 7437703
Conc: 134.93 ng/ml



#24 AR-1248-4

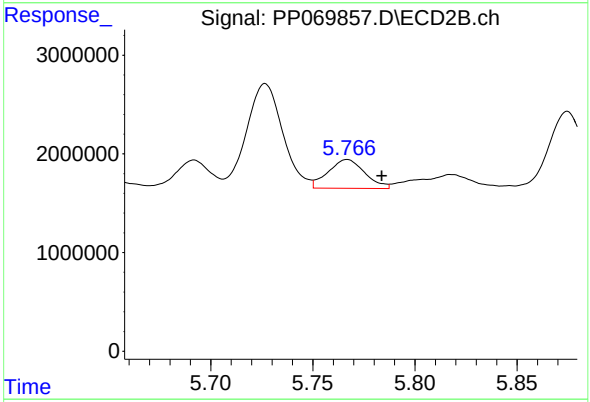
R.T.: 5.373 min
Delta R.T.: -0.016 min
Response: 14146523
Conc: 382.92 ng/ml



#25 AR-1248-5

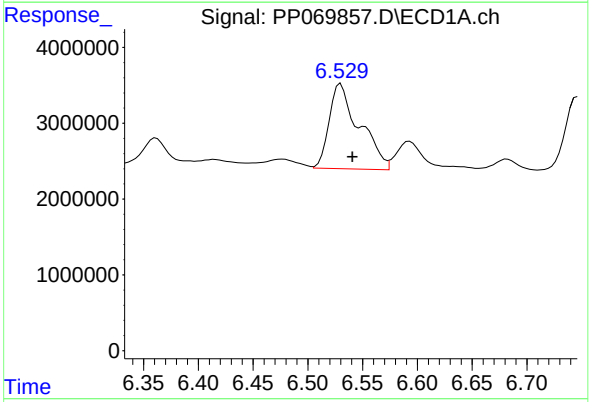
R.T.: 6.593 min
Delta R.T.: -0.011 min
Response: 7437703
Conc: 139.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



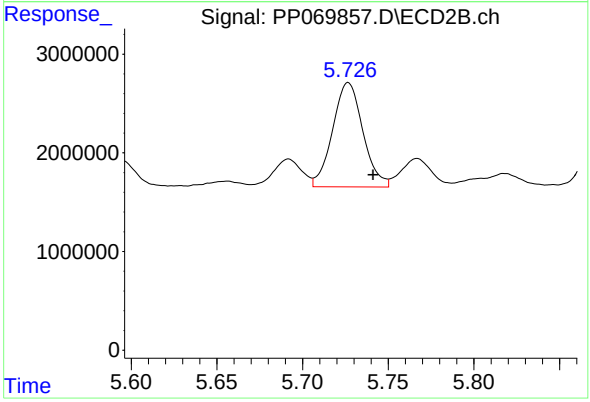
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.017 min
Response: 3647630
Conc: 97.56 ng/ml



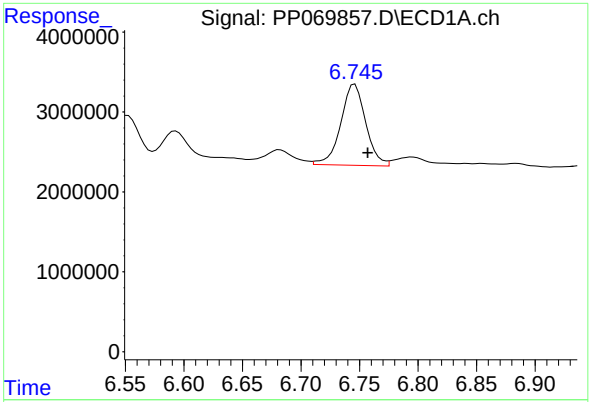
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.011 min
Response: 21525494
Conc: 372.00 ng/ml



#26 AR-1254-1

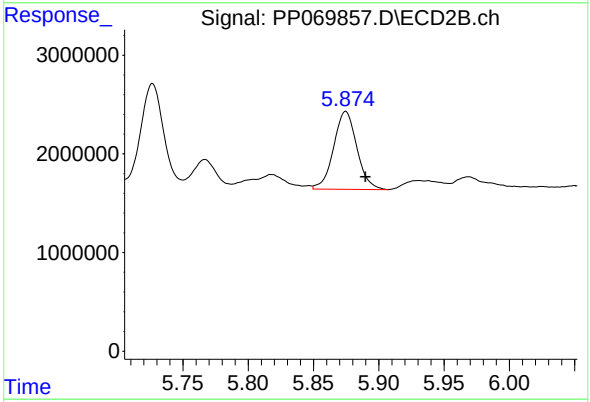
R.T.: 5.727 min
Delta R.T.: -0.015 min
Response: 13013228
Conc: 236.36 ng/ml



#27 AR-1254-2

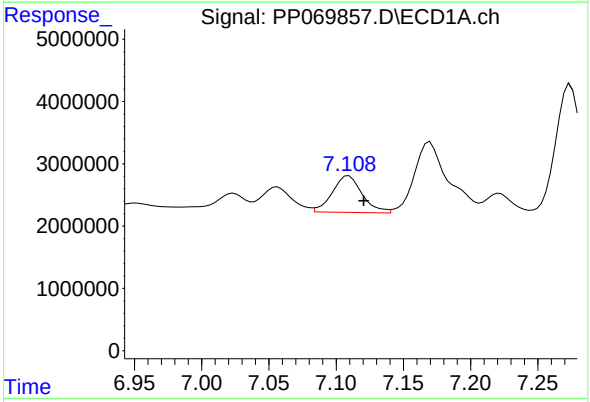
R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 15032649
Conc: 187.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



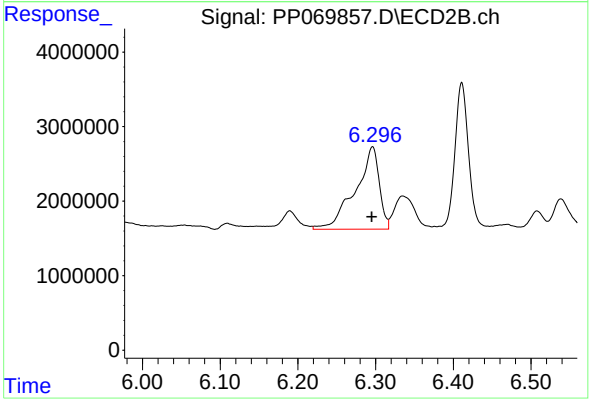
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 9797748
Conc: 202.56 ng/ml



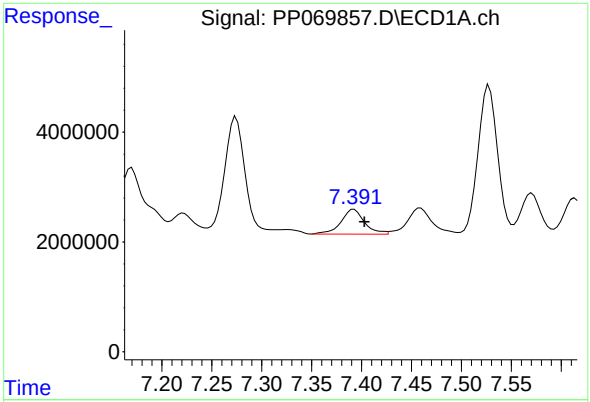
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: -0.011 min
Response: 9057379
Conc: 107.46 ng/ml



#28 AR-1254-3

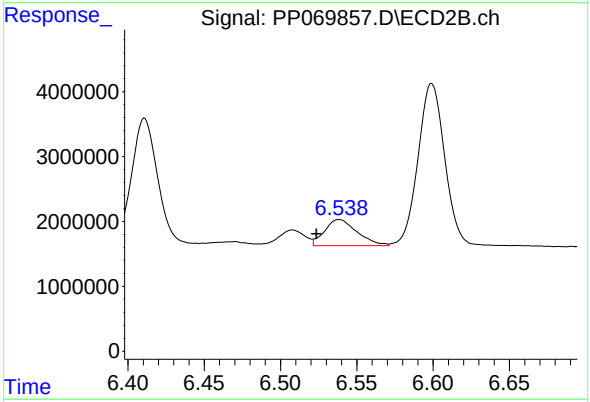
R.T.: 6.296 min
Delta R.T.: 0.001 min
Response: 23647063
Conc: 311.57 ng/ml



#29 AR-1254-4

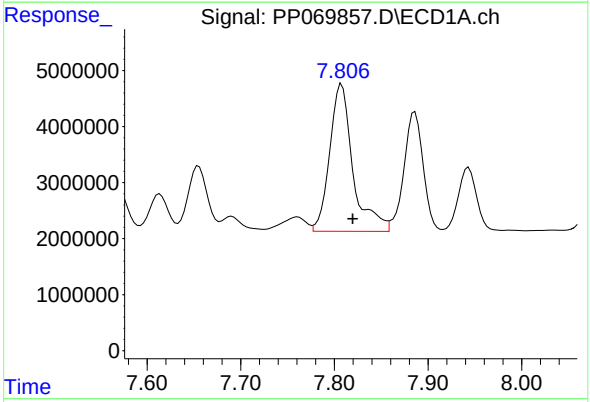
R.T.: 7.392 min
Delta R.T.: -0.010 min
Response: 7354398
Conc: 107.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



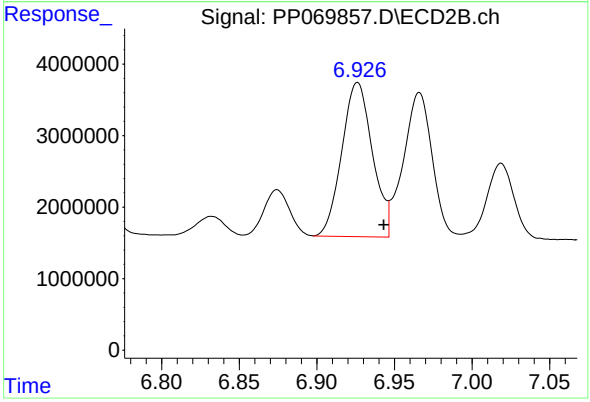
#29 AR-1254-4

R.T.: 6.539 min
Delta R.T.: 0.015 min
Response: 5999085
Conc: 117.06 ng/ml



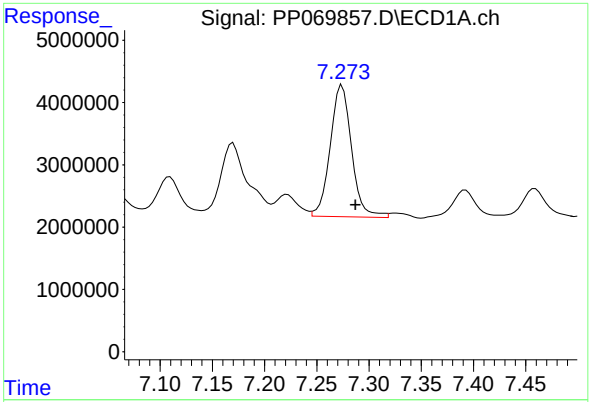
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.012 min
Response: 45369643
Conc: 666.75 ng/ml



#30 AR-1254-5

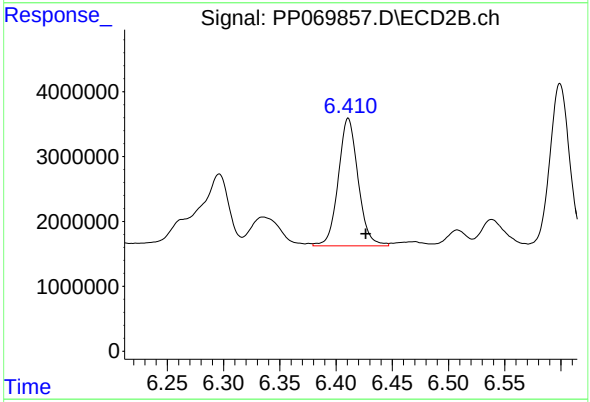
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 29662422
Conc: 445.65 ng/ml



#31 AR-1260-1

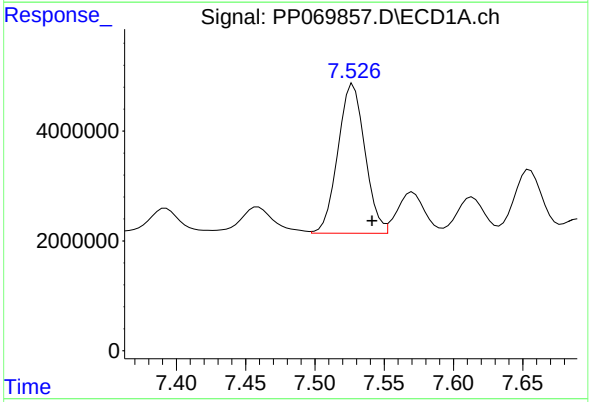
R.T.: 7.274 min
Delta R.T.: -0.013 min
Response: 30046490
Conc: 514.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



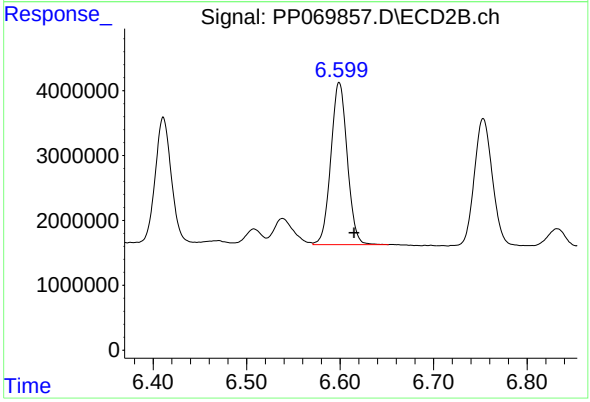
#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.016 min
Response: 24122751
Conc: 500.17 ng/ml



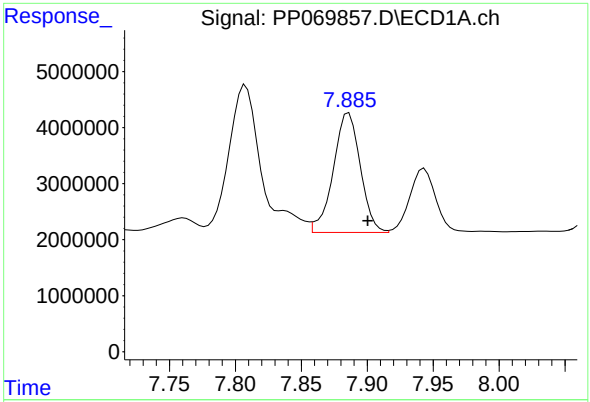
#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: -0.014 min
Response: 37026605
Conc: 475.84 ng/ml



#32 AR-1260-2

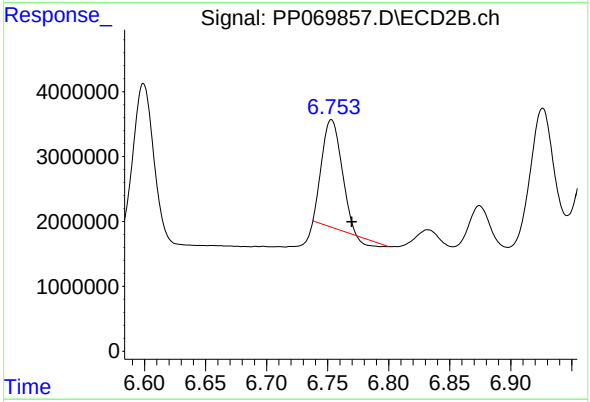
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 30456410
Conc: 496.81 ng/ml



#33 AR-1260-3

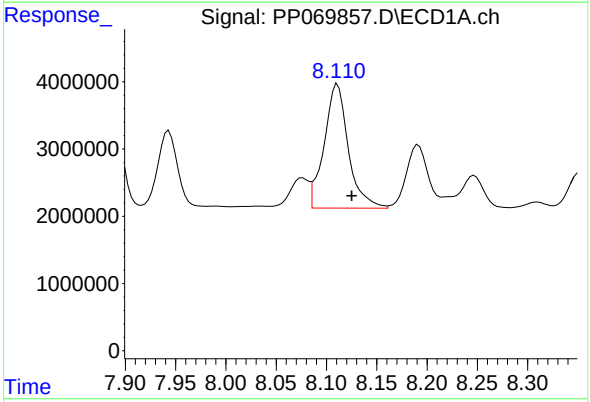
R.T.: 7.886 min
Delta R.T.: -0.014 min
Response: 30518852
Conc: 488.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



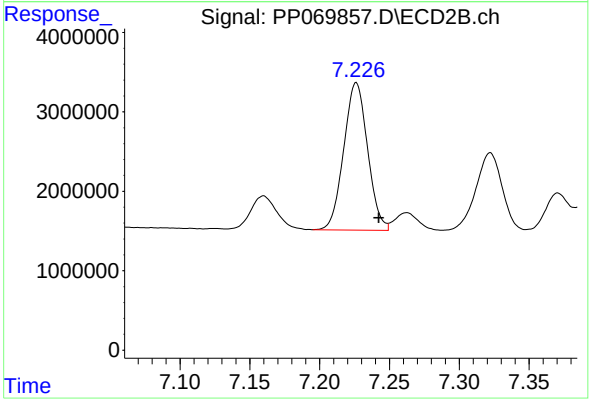
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 17951035
Conc: 298.41 ng/ml



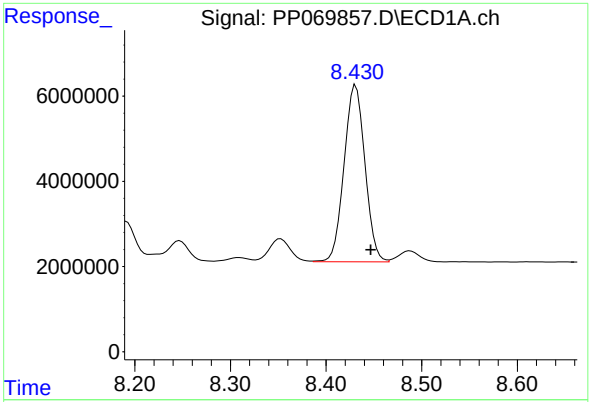
#34 AR-1260-4

R.T.: 8.111 min
Delta R.T.: -0.014 min
Response: 30847543
Conc: 467.55 ng/ml



#34 AR-1260-4

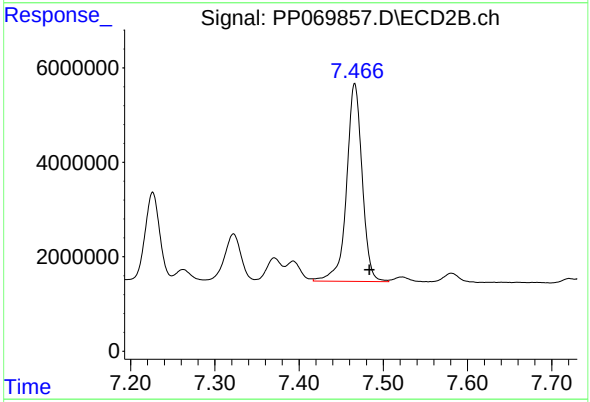
R.T.: 7.226 min
Delta R.T.: -0.016 min
Response: 22074431
Conc: 475.05 ng/ml



#35 AR-1260-5

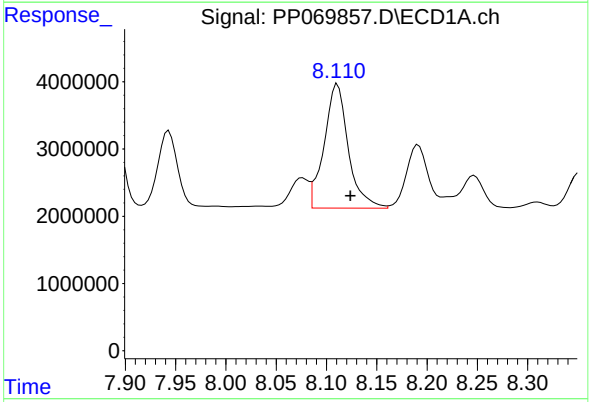
R.T.: 8.431 min
Delta R.T.: -0.016 min
Response: 63097270
Conc: 481.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



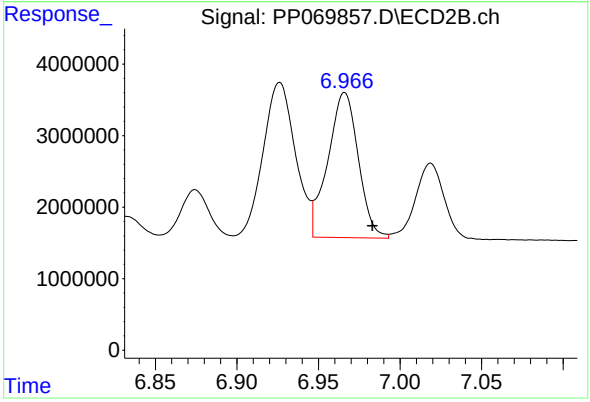
#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.017 min
Response: 53922596
Conc: 485.16 ng/ml



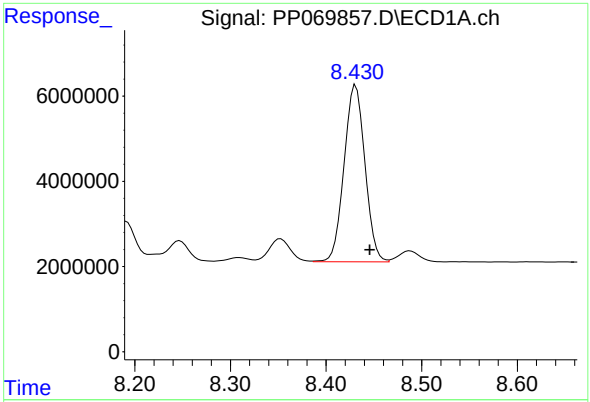
#36 AR-1262-1

R.T.: 8.111 min
Delta R.T.: -0.013 min
Response: 30847543
Conc: 390.38 ng/ml



#36 AR-1262-1

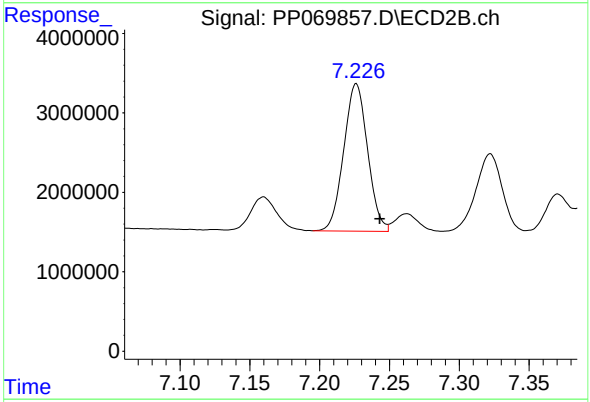
R.T.: 6.966 min
Delta R.T.: -0.017 min
Response: 26325705
Conc: 370.72 ng/ml



#37 AR-1262-2

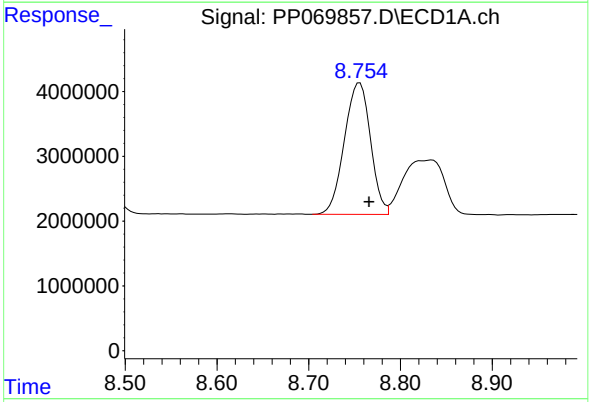
R.T.: 8.431 min
Delta R.T.: -0.015 min
Response: 63097270
Conc: 412.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



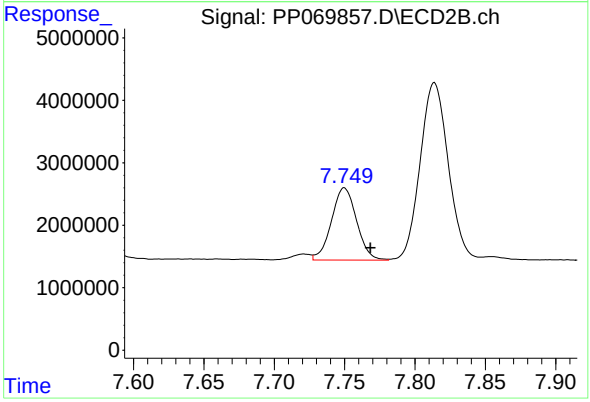
#37 AR-1262-2

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 22074431
Conc: 362.00 ng/ml



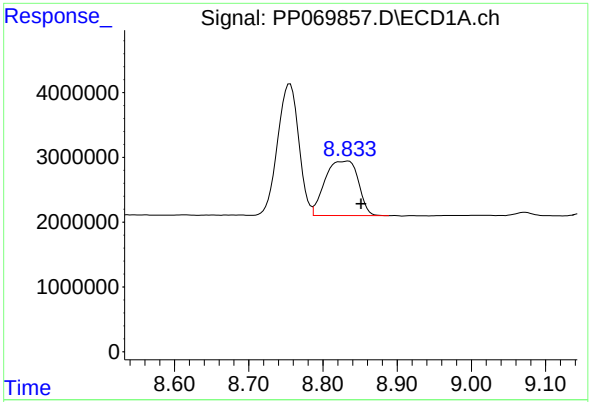
#38 AR-1262-3

R.T.: 8.756 min
Delta R.T.: -0.010 min
Response: 40160485
Conc: 377.88 ng/ml



#38 AR-1262-3

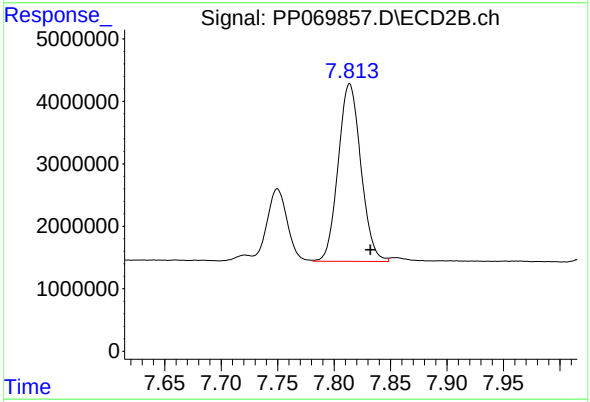
R.T.: 7.750 min
Delta R.T.: -0.019 min
Response: 14378825
Conc: 274.93 ng/ml



#39 AR-1262-4

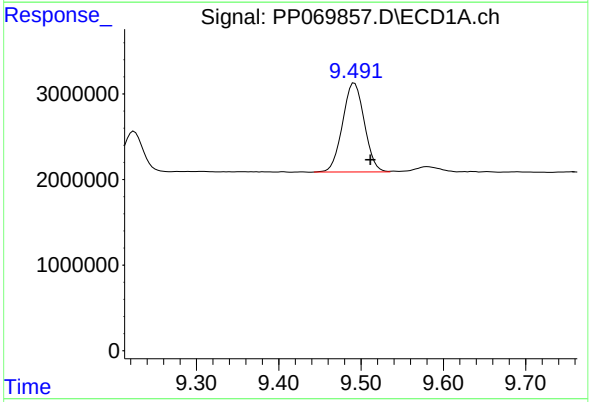
R.T.: 8.834 min
Delta R.T.: -0.017 min
Response: 26215130
Conc: 320.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



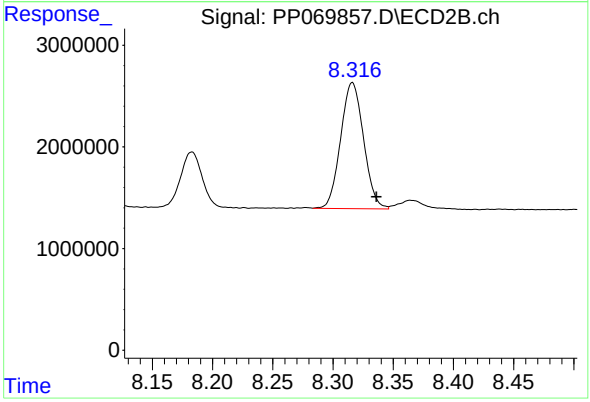
#39 AR-1262-4

R.T.: 7.814 min
Delta R.T.: -0.018 min
Response: 39797228
Conc: 430.54 ng/ml



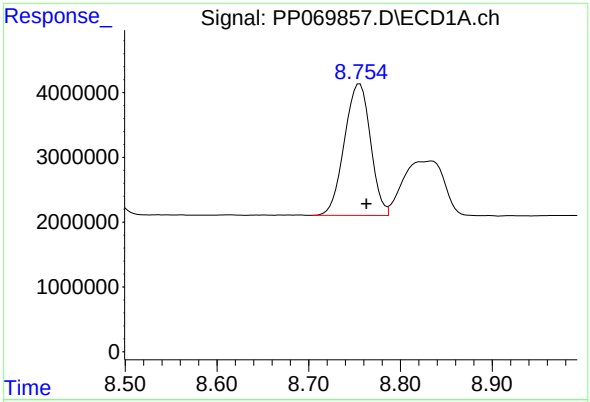
#40 AR-1262-5

R.T.: 9.492 min
Delta R.T.: -0.019 min
Response: 19164402
Conc: 338.53 ng/ml



#40 AR-1262-5

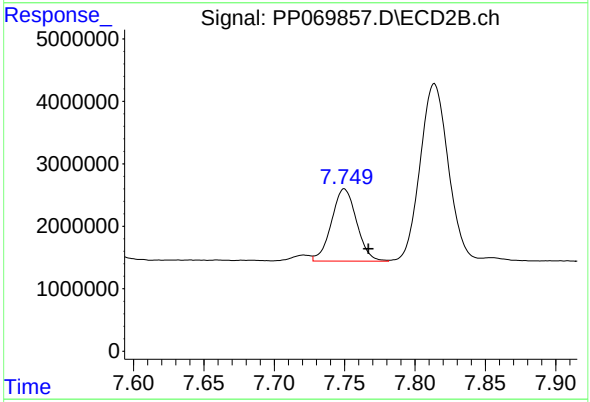
R.T.: 8.316 min
Delta R.T.: -0.020 min
Response: 16453225
Conc: 344.27 ng/ml



#41 AR-1268-1

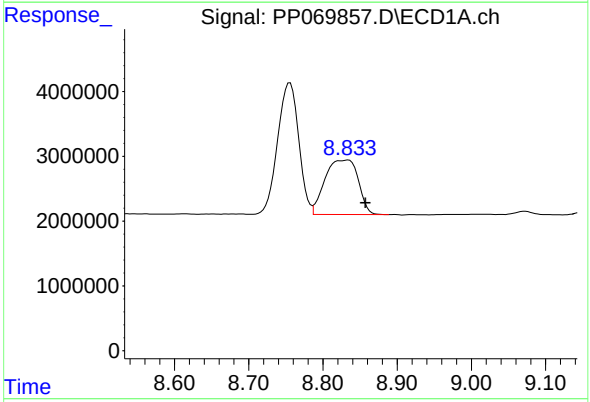
R.T.: 8.756 min
Delta R.T.: -0.007 min
Response: 40160485
Conc: 227.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



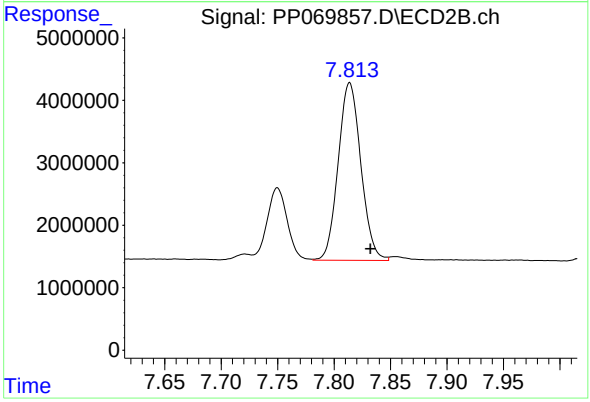
#41 AR-1268-1

R.T.: 7.750 min
Delta R.T.: -0.017 min
Response: 14378825
Conc: 99.08 ng/ml



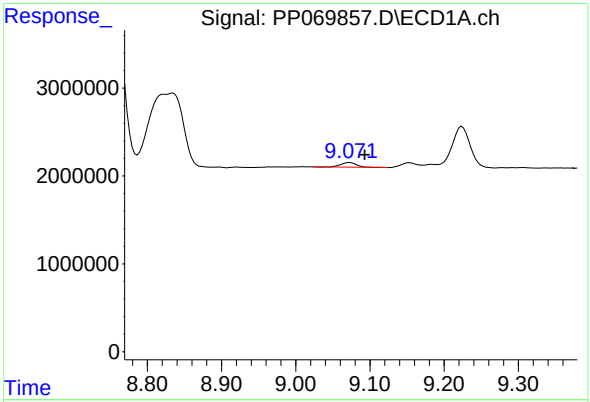
#42 AR-1268-2

R.T.: 8.834 min
Delta R.T.: -0.023 min
Response: 26215130
Conc: 166.58 ng/ml



#42 AR-1268-2

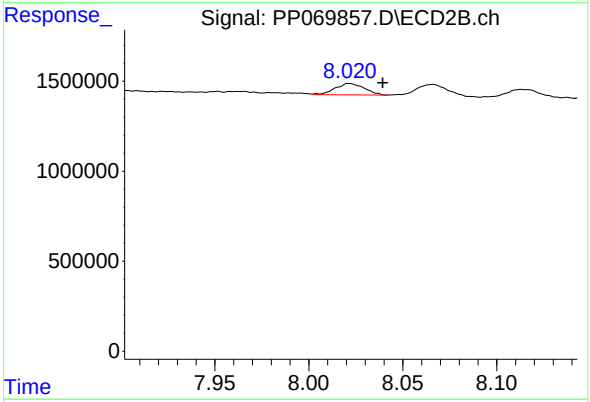
R.T.: 7.814 min
Delta R.T.: -0.018 min
Response: 39797228
Conc: 299.64 ng/ml



#43 AR-1268-3

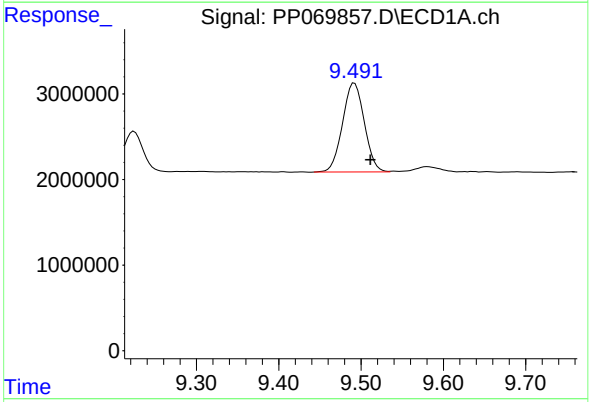
R.T.: 9.073 min
Delta R.T.: -0.020 min
Response: 784852
Conc: 5.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



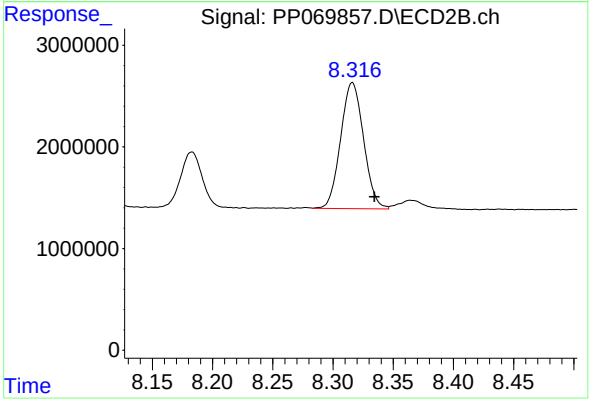
#43 AR-1268-3

R.T.: 8.022 min
Delta R.T.: -0.018 min
Response: 682479
Conc: 6.00 ng/ml



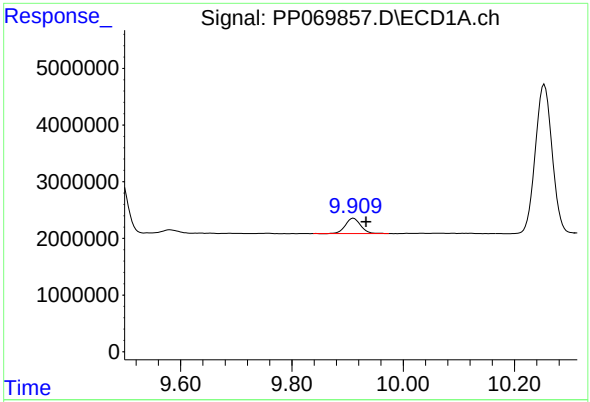
#44 AR-1268-4

R.T.: 9.492 min
Delta R.T.: -0.019 min
Response: 19164402
Conc: 326.36 ng/ml



#44 AR-1268-4

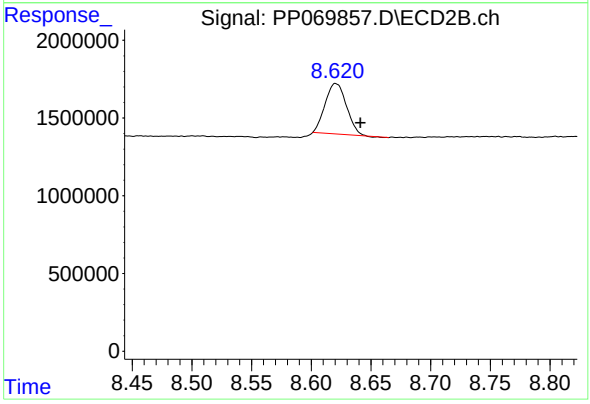
R.T.: 8.316 min
Delta R.T.: -0.018 min
Response: 16453225
Conc: 315.93 ng/ml



#45 AR-1268-5

R.T.: 9.911 min
Delta R.T.: -0.023 min
Response: 5225469
Conc: 13.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.021 min
Response: 4028488
Conc: 11.31 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:23
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:31:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.524	3.830	78093128	44142584	54.554	49.457	
2)	SA Decachlor...	10.250	8.888	56677888	56266174	51.860	50.306	
	Target Compounds							
3)	L1 AR-1016-1	5.702	4.938	1265475	383304	27.313	11.752	#
4)	L1 AR-1016-2	5.702	4.938	1265475	383304	18.644	8.526	#
5)	L1 AR-1016-3	5.758	5.116	981490	275555	23.042	11.074	#
6)	L1 AR-1016-4	5.855	5.158	777036	10073566	22.201	498.783	#
7)	L1 AR-1016-5	6.151	5.373	7483234	9835685	226.363	366.676	#
8)	L2 AR-1221-1	0.000	4.046	0	112976	N.D.	9.172	#
9)	L2 AR-1221-2	4.825	4.133	1237826	831483	90.402	85.867	
10)	L2 AR-1221-3	0.000	4.204	0	217237	N.D.	7.446	#
11)	L3 AR-1232-1	0.000	4.204	0	217237	N.D.	9.252	#
12)	L3 AR-1232-2	0.000	4.938	0	383304	N.D.	16.261	#
13)	L3 AR-1232-3	5.702	5.116	1265475	275555	36.831	21.283	#
14)	L3 AR-1232-4	5.855	5.200	777036	3395998	43.614	306.324	#
15)	L3 AR-1232-5	5.948	5.373	15656368	9835685	1365.887	805.522	#
16)	L4 AR-1242-1	5.702	4.938	1265475	383304	30.343	13.294	#
17)	L4 AR-1242-2	5.702	4.938	1265475	383304	21.452	9.729	#
18)	L4 AR-1242-3	5.758	5.116	981490	275555	26.456	12.245	#
19)	L4 AR-1242-4	5.855	5.200	777036	3395998	23.694	157.351	#
20)	L4 AR-1242-5	6.592	5.727	12052442	27796555	369.885	966.219	#
21)	L5 AR-1248-1	5.702	4.938	1265475	383304	39.011	17.415	#
22)	L5 AR-1248-2	5.948	5.158	15656368	10073566	368.850	335.064	
23)	L5 AR-1248-3	6.151	5.200	7483234	3395998	159.261	109.604	#
24)	L5 AR-1248-4	6.592	5.373	12052442	9835685	218.653	266.234	
25)	L5 AR-1248-5	6.592	5.767	12052442	3920325	225.770	104.851	#
26)	L6 AR-1254-1	6.527	5.727	42179575	27796555	728.947	504.880	#
27)	L6 AR-1254-2	6.742	5.875	43866222	24181699	546.675	499.944	
28)	L6 AR-1254-3	7.105	6.280	43561594	37990877	516.816	500.564	
29)	L6 AR-1254-4	7.387	6.509	35922940	26015860	526.823	507.629	
30)	L6 AR-1254-5	7.833	6.928	5092241	33088182	74.835	497.115	#
31)	L7 AR-1260-1	7.270	6.411	18092381	19670068	309.609	407.843	#
32)	L7 AR-1260-2	7.524	6.599	20710785	17875625	266.161	291.591	
33)	L7 AR-1260-3	7.866	6.752	4583685	10375373	73.316	172.473	#
34)	L7 AR-1260-4	8.090	7.227	13788131	1788797	208.985	38.495	#
35)	L7 AR-1260-5	8.426	7.497	5192732	1306395	39.662	11.754	#
36)	L8 AR-1262-1	8.090	6.998	13788131	3814082	174.493	53.709	#
37)	L8 AR-1262-2	8.426	7.227	5192732	1788797	33.956	29.334	
38)	L8 AR-1262-3	8.755	7.767	4095499	138426	38.535	2.647	#
39)	L8 AR-1262-4	8.798f	7.812	1052481	4388149	12.868	47.472	#
40)	L8 AR-1262-5	0.000	8.317	0	406255	N.D.	8.500	#
41)	L9 AR-1268-1	8.755	7.767	4095499	138426	23.194	0.954	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:23
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:31:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.798f	7.812	1052481	4388149	6.688	33.039 #
43) L9	AR-1268-3	0.000	8.021	0	201708	N.D.	1.773 #
44) L9	AR-1268-4	0.000	8.317	0	406255	N.D.	7.801 #
45) L9	AR-1268-5	0.000	8.623	0	348424	N.D.	0.978 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

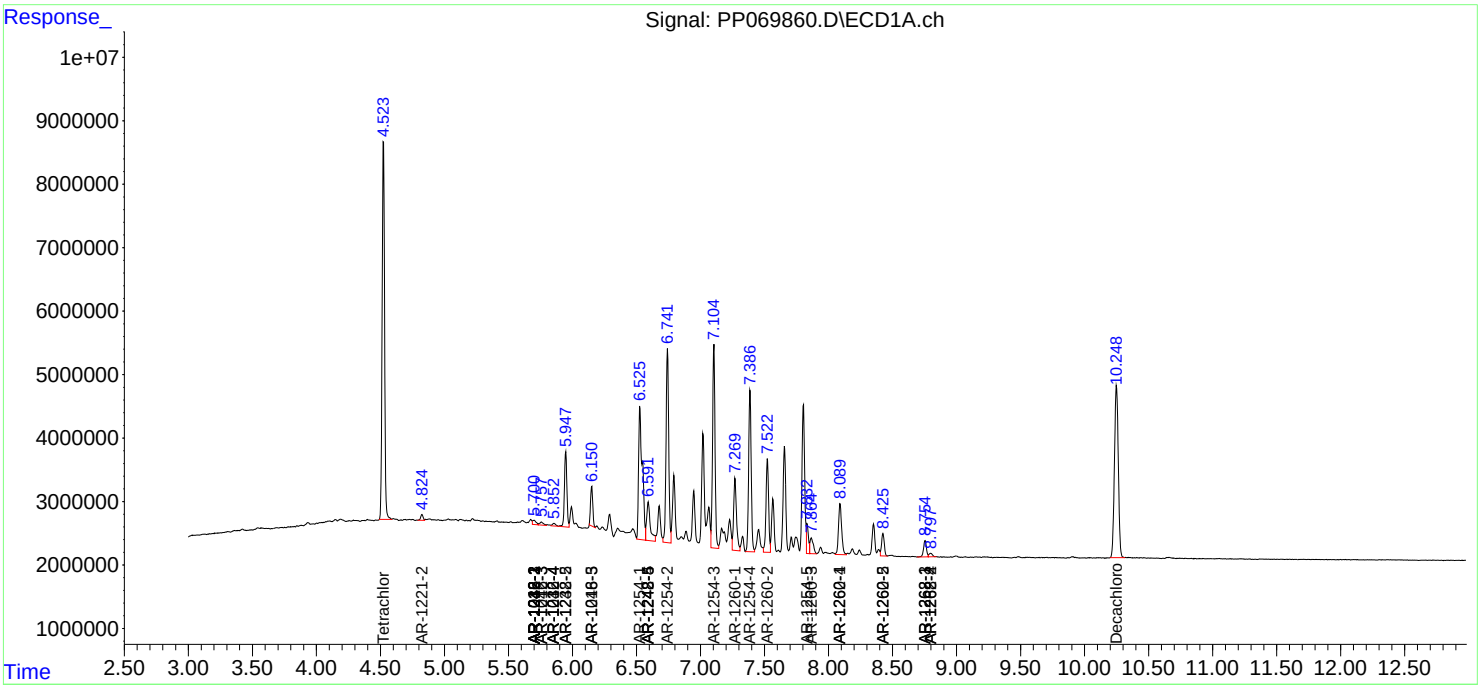
Quantitation Report (Not Reviewed)

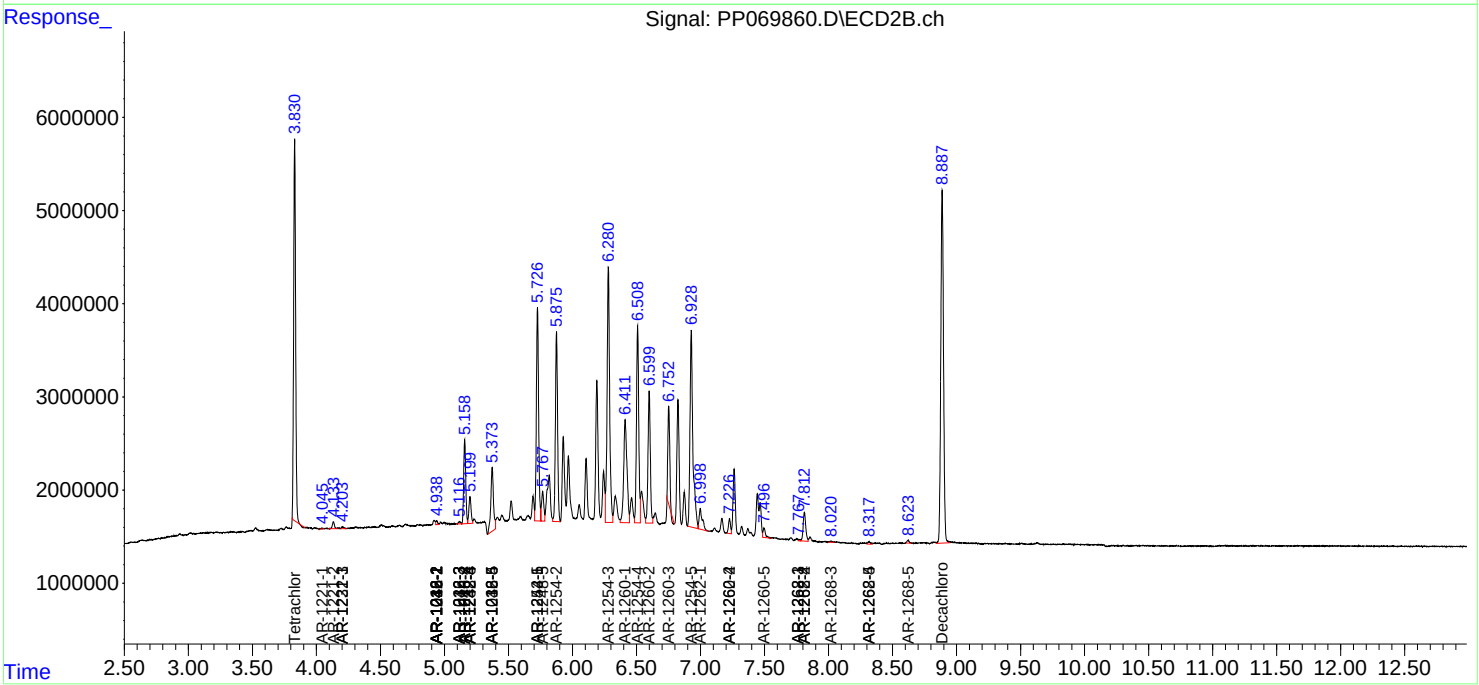
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:23
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

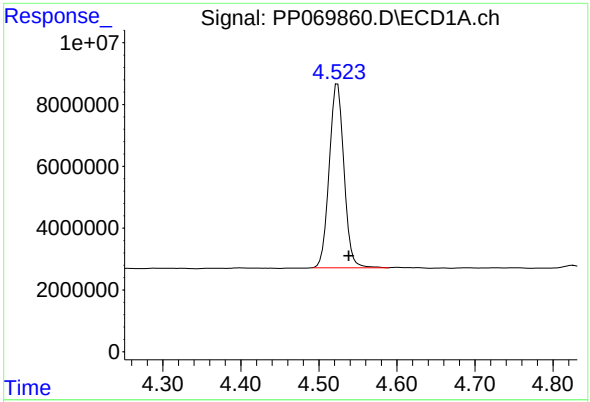
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:31:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



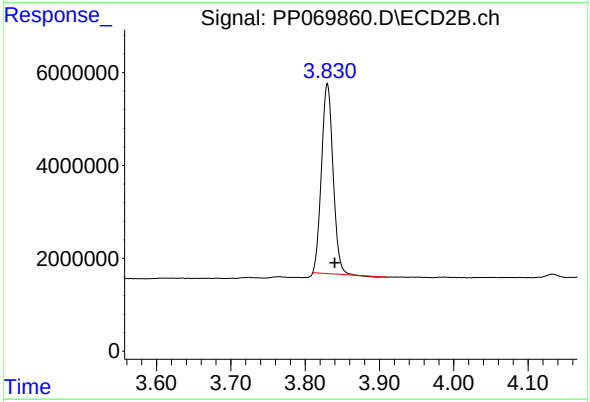




#1 Tetrachloro-m-xylene

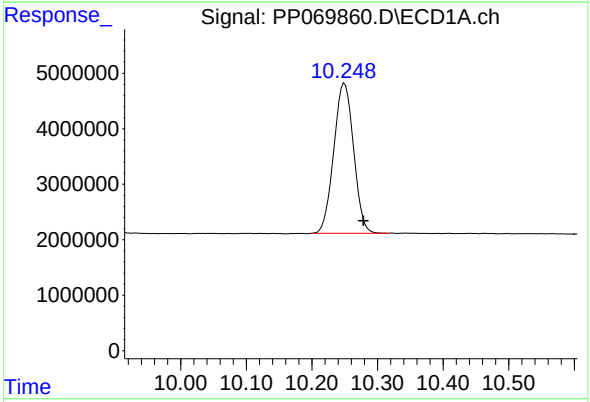
R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 78093128
Conc: 54.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



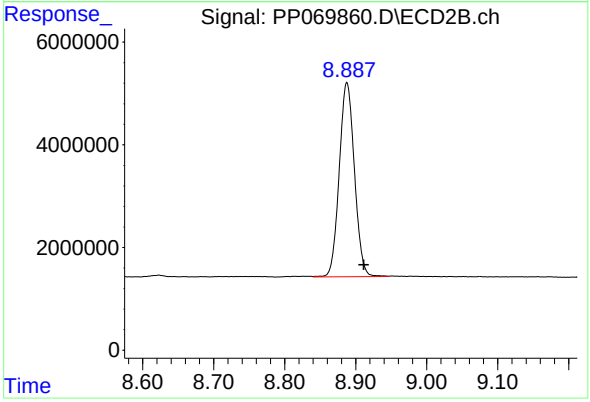
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 44142584
Conc: 49.46 ng/ml



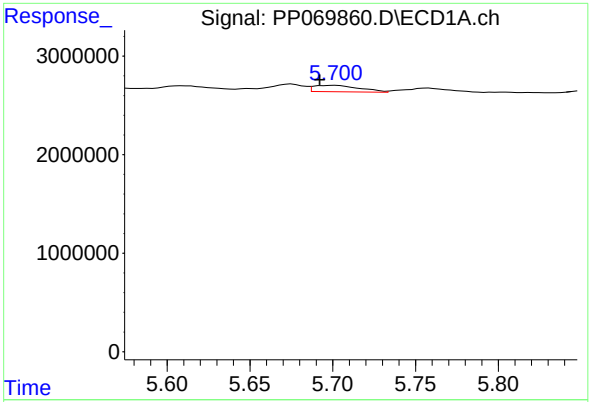
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.029 min
Response: 56677888
Conc: 51.86 ng/ml



#2 Decachlorobiphenyl

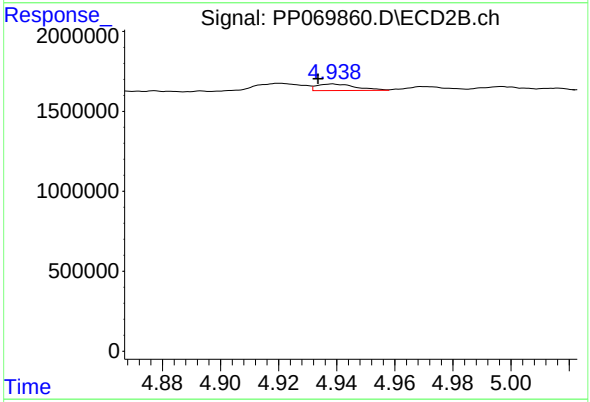
R.T.: 8.888 min
Delta R.T.: -0.024 min
Response: 56266174
Conc: 50.31 ng/ml



#3 AR-1016-1

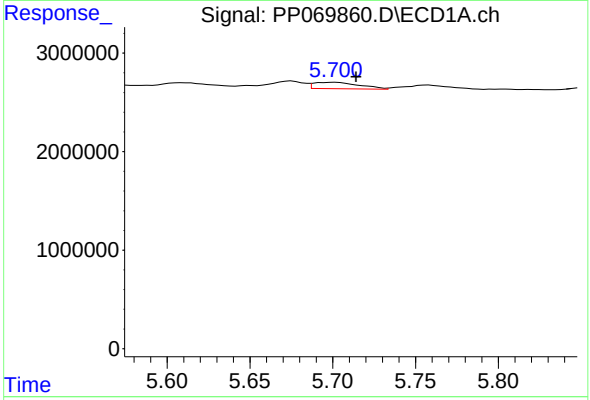
R.T.: 5.702 min
Delta R.T.: 0.009 min
Response: 1265475
Conc: 27.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



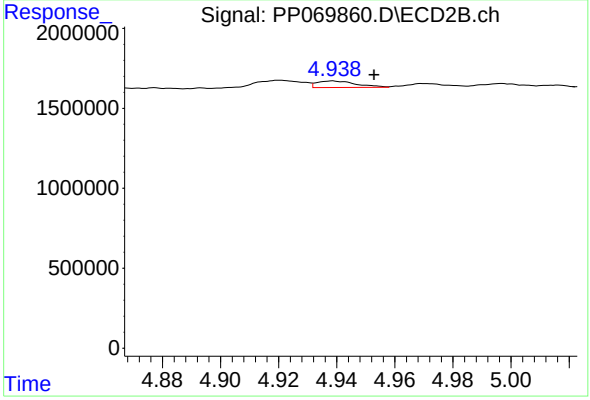
#3 AR-1016-1

R.T.: 4.938 min
Delta R.T.: 0.005 min
Response: 383304
Conc: 11.75 ng/ml



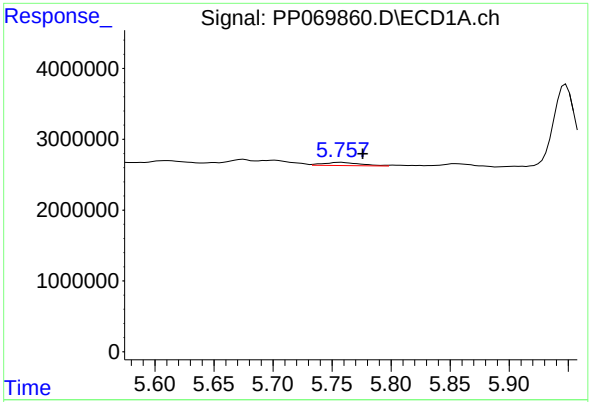
#4 AR-1016-2

R.T.: 5.702 min
Delta R.T.: -0.013 min
Response: 1265475
Conc: 18.64 ng/ml



#4 AR-1016-2

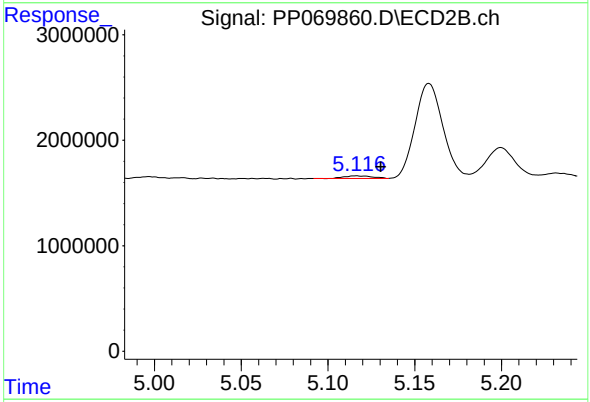
R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 383304
Conc: 8.53 ng/ml



#5 AR-1016-3

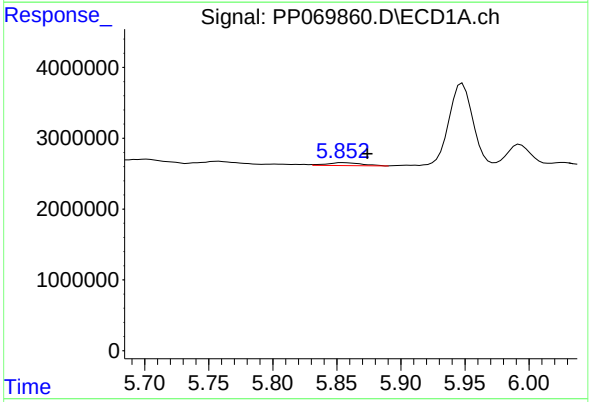
R.T.: 5.758 min
Delta R.T.: -0.018 min
Response: 981490
Conc: 23.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



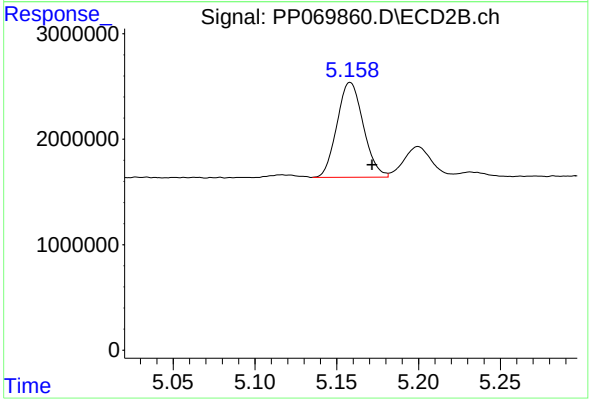
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 275555
Conc: 11.07 ng/ml



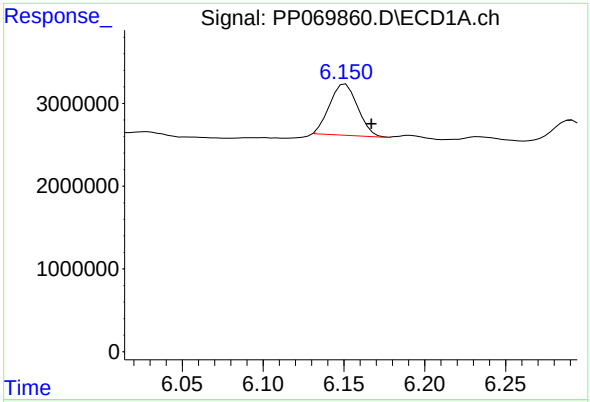
#6 AR-1016-4

R.T.: 5.855 min
Delta R.T.: -0.019 min
Response: 777036
Conc: 22.20 ng/ml



#6 AR-1016-4

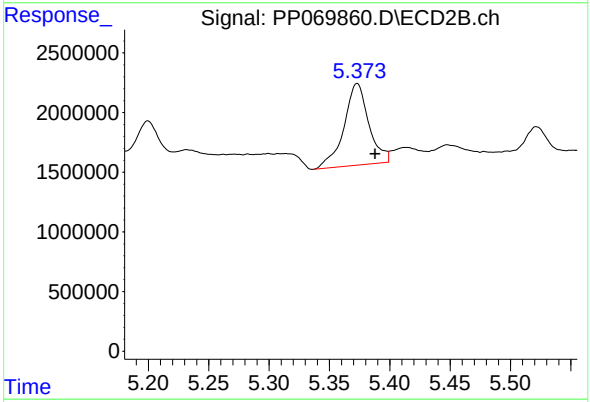
R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 10073566
Conc: 498.78 ng/ml



#7 AR-1016-5

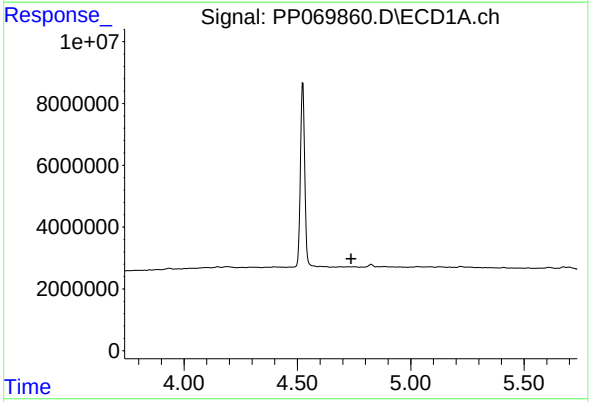
R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 7483234
Conc: 226.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



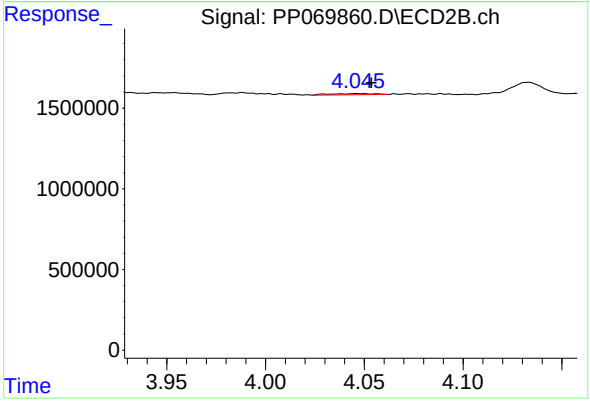
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 9835685
Conc: 366.68 ng/ml



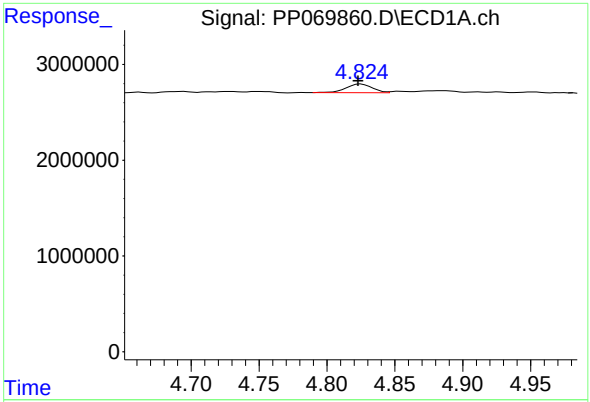
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

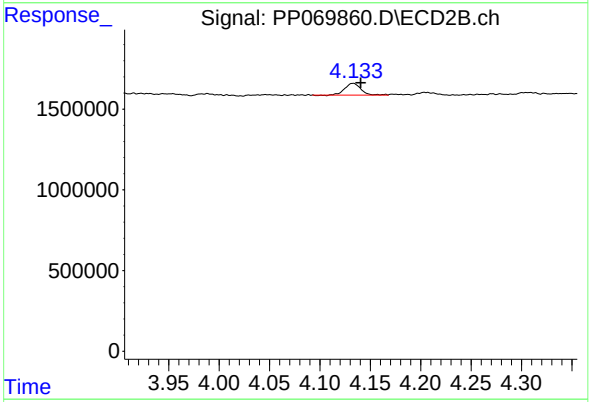
R.T.: 4.046 min
Delta R.T.: -0.008 min
Response: 112976
Conc: 9.17 ng/ml



#9 AR-1221-2

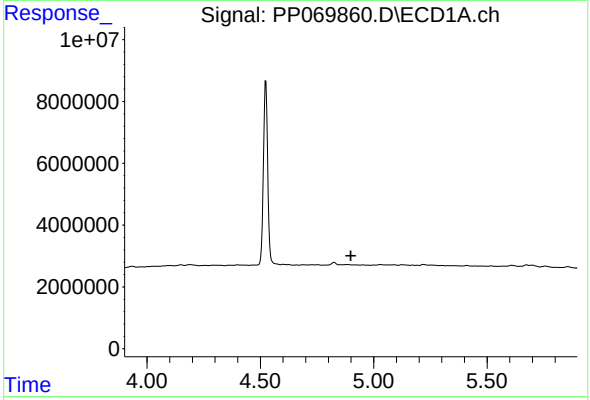
R.T.: 4.825 min
Delta R.T.: 0.002 min
Response: 1237826
Conc: 90.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



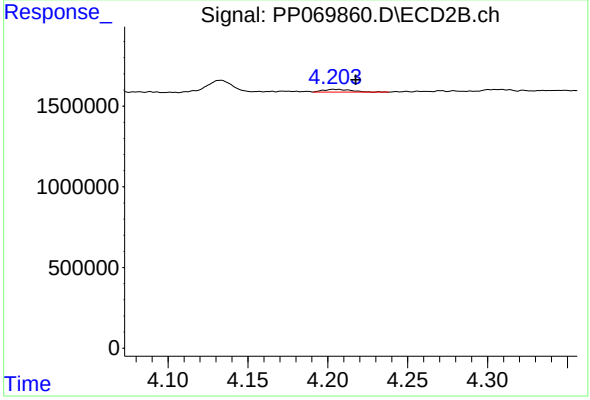
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 831483
Conc: 85.87 ng/ml



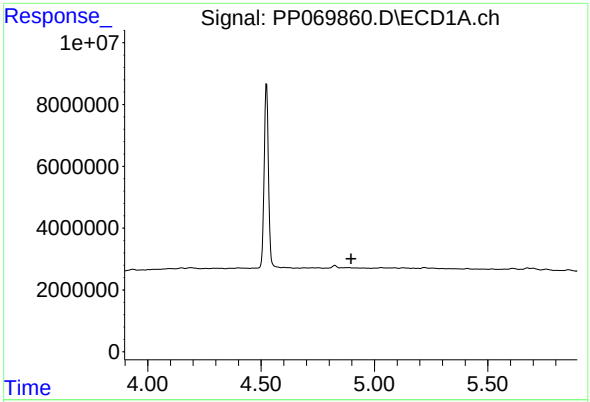
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

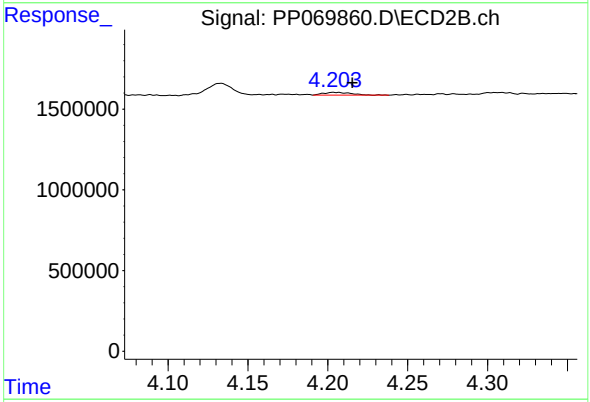
R.T.: 4.204 min
Delta R.T.: -0.014 min
Response: 217237
Conc: 7.45 ng/ml



#11 AR-1232-1

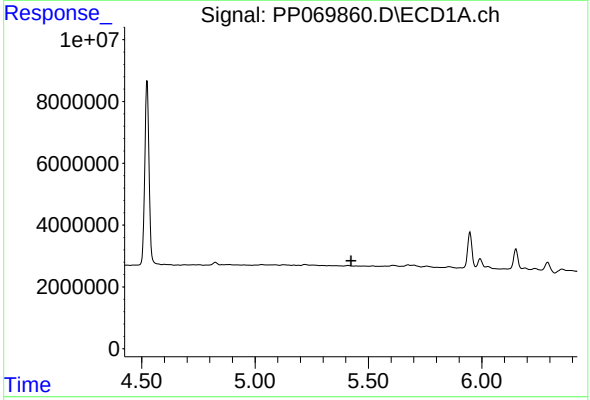
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



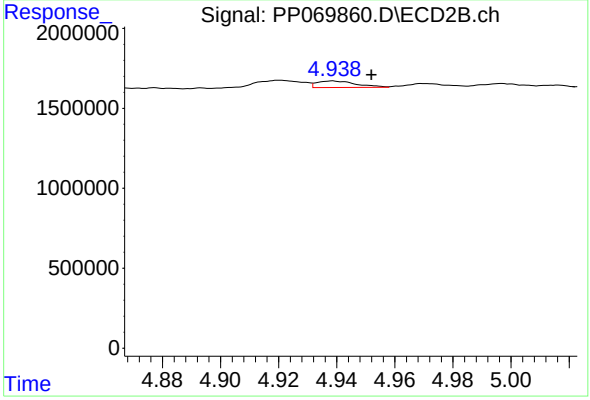
#11 AR-1232-1

R.T.: 4.204 min
Delta R.T.: -0.012 min
Response: 217237
Conc: 9.25 ng/ml



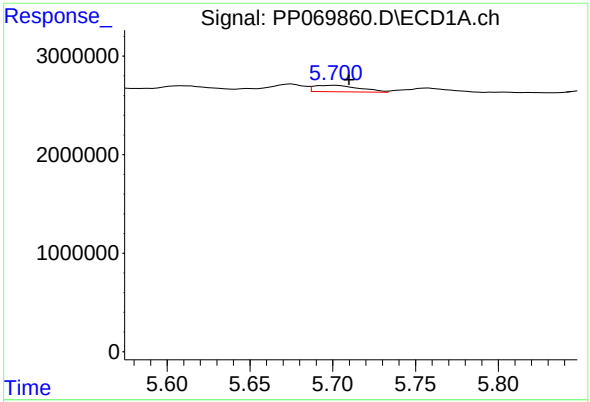
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

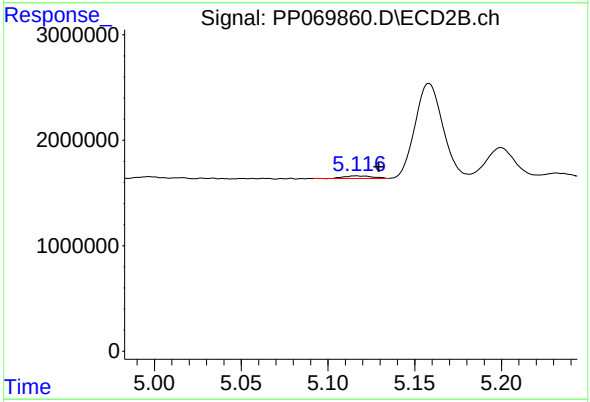
R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 383304
Conc: 16.26 ng/ml



#13 AR-1232-3

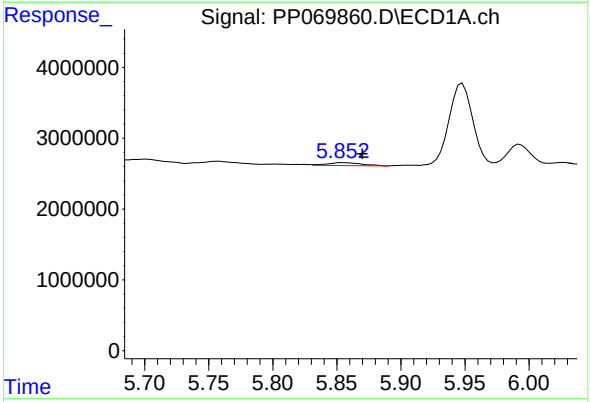
R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 1265475
Conc: 36.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



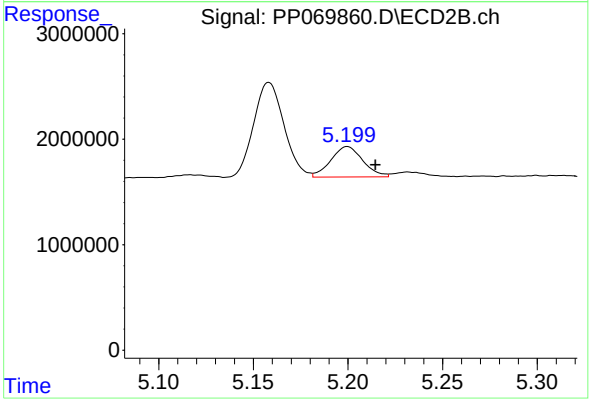
#13 AR-1232-3

R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 275555
Conc: 21.28 ng/ml



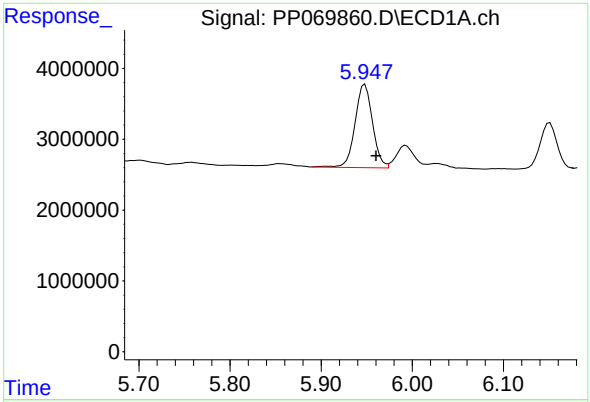
#14 AR-1232-4

R.T.: 5.855 min
Delta R.T.: -0.016 min
Response: 777036
Conc: 43.61 ng/ml



#14 AR-1232-4

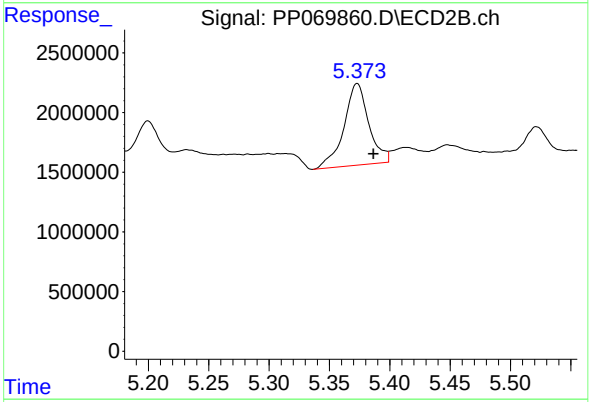
R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 3395998
Conc: 306.32 ng/ml



#15 AR-1232-5

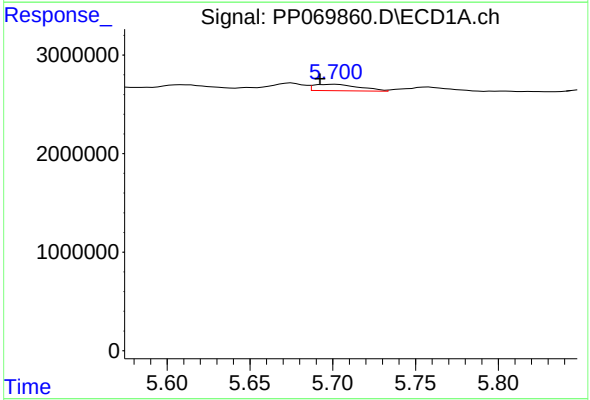
R.T.: 5.948 min
Delta R.T.: -0.012 min
Response: 15656368
Conc: 1365.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



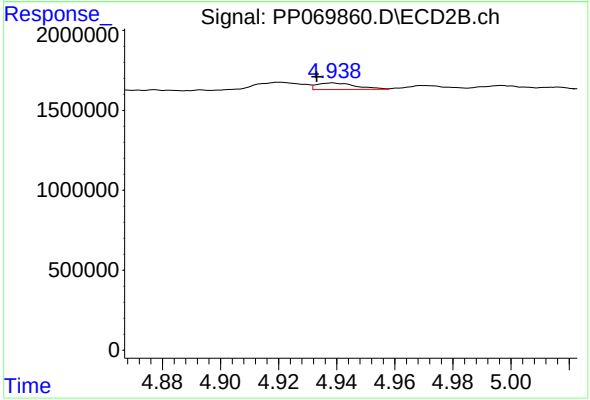
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 9835685
Conc: 805.52 ng/ml



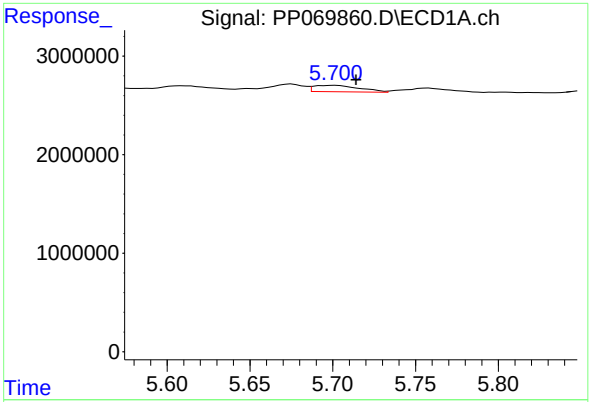
#16 AR-1242-1

R.T.: 5.702 min
Delta R.T.: 0.009 min
Response: 1265475
Conc: 30.34 ng/ml



#16 AR-1242-1

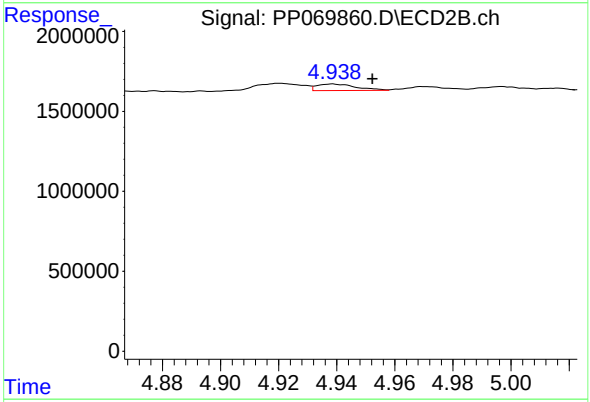
R.T.: 4.938 min
Delta R.T.: 0.005 min
Response: 383304
Conc: 13.29 ng/ml



#17 AR-1242-2

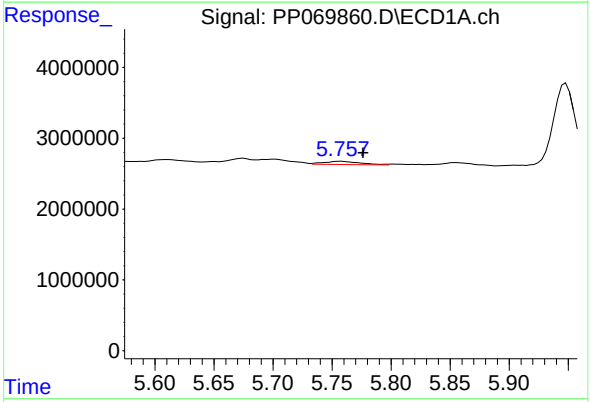
R.T.: 5.702 min
Delta R.T.: -0.013 min
Response: 1265475
Conc: 21.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



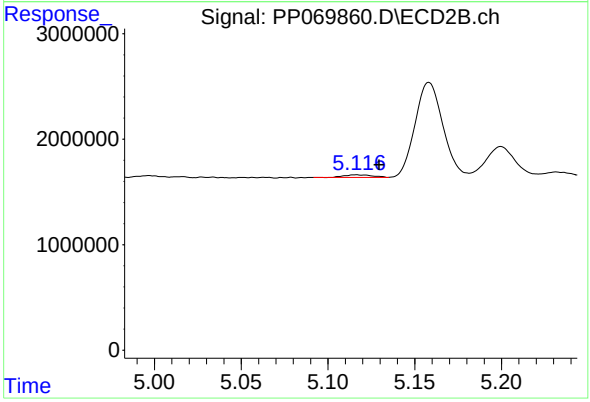
#17 AR-1242-2

R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 383304
Conc: 9.73 ng/ml



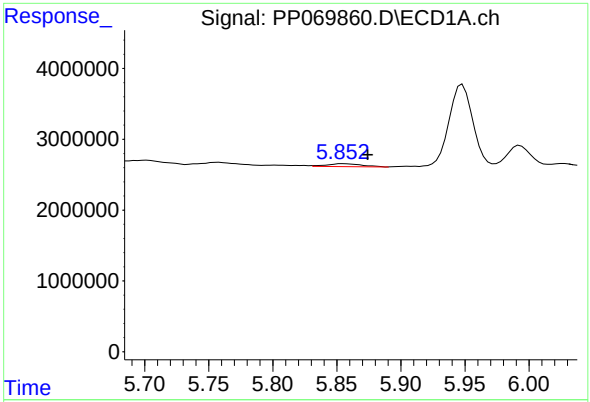
#18 AR-1242-3

R.T.: 5.758 min
Delta R.T.: -0.018 min
Response: 981490
Conc: 26.46 ng/ml



#18 AR-1242-3

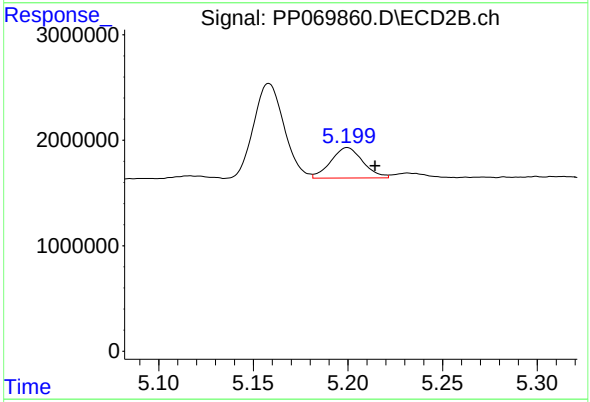
R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 275555
Conc: 12.24 ng/ml



#19 AR-1242-4

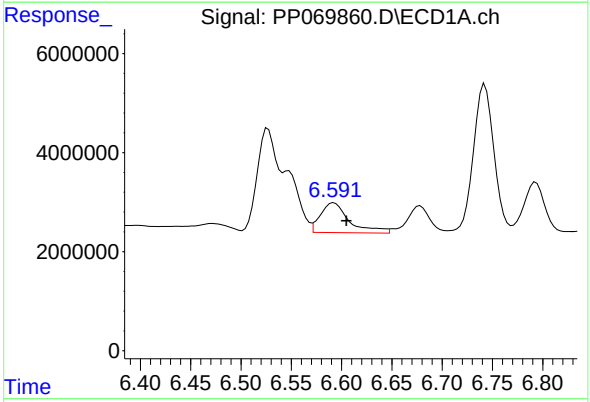
R.T.: 5.855 min
Delta R.T.: -0.020 min
Response: 777036
Conc: 23.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



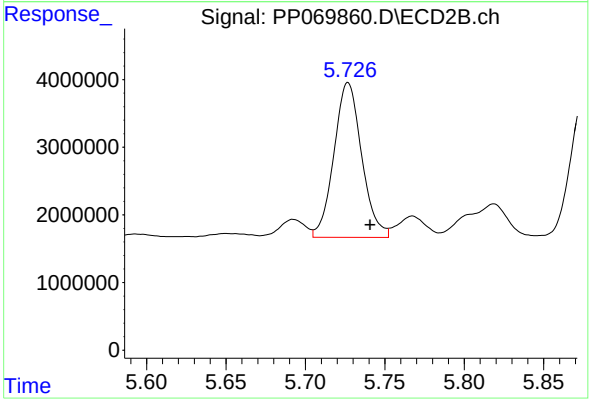
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 3395998
Conc: 157.35 ng/ml



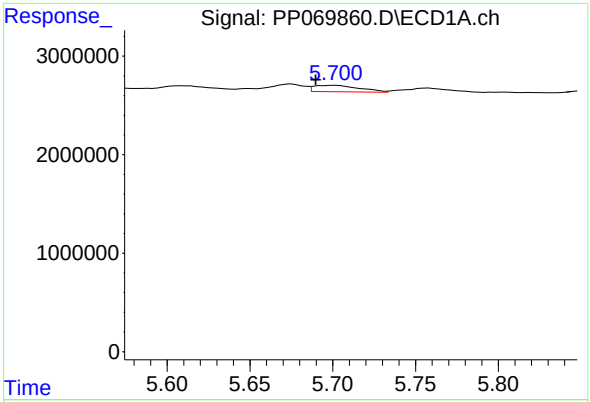
#20 AR-1242-5

R.T.: 6.592 min
Delta R.T.: -0.012 min
Response: 12052442
Conc: 369.88 ng/ml



#20 AR-1242-5

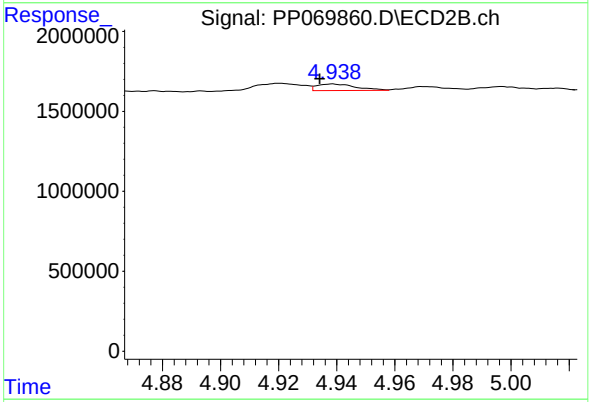
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 27796555
Conc: 966.22 ng/ml



#21 AR-1248-1

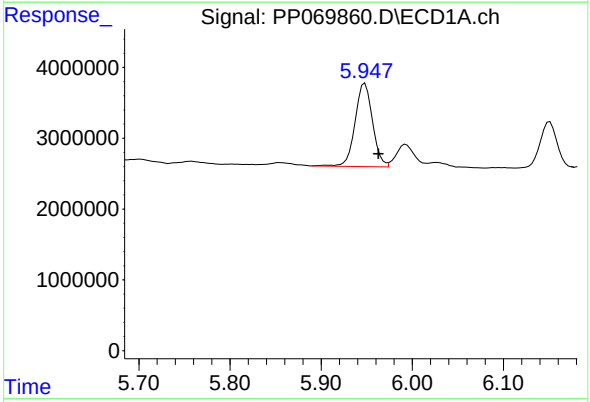
R.T.: 5.702 min
Delta R.T.: 0.012 min
Response: 1265475
Conc: 39.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



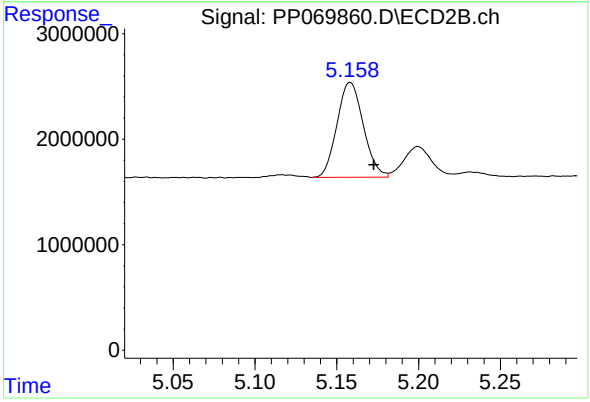
#21 AR-1248-1

R.T.: 4.938 min
Delta R.T.: 0.004 min
Response: 383304
Conc: 17.41 ng/ml



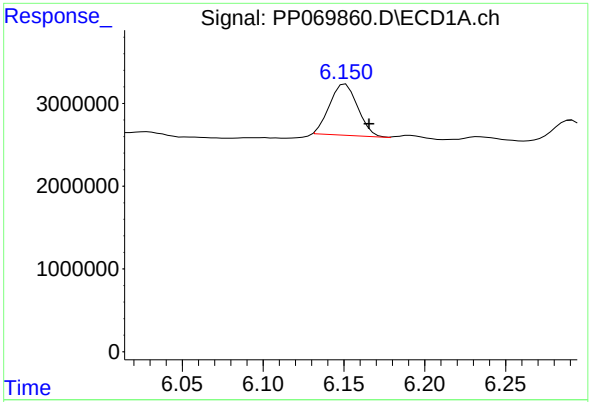
#22 AR-1248-2

R.T.: 5.948 min
Delta R.T.: -0.015 min
Response: 15656368
Conc: 368.85 ng/ml



#22 AR-1248-2

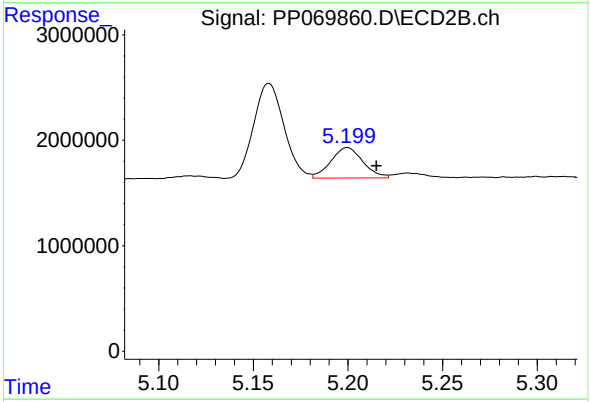
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 10073566
Conc: 335.06 ng/ml



#23 AR-1248-3

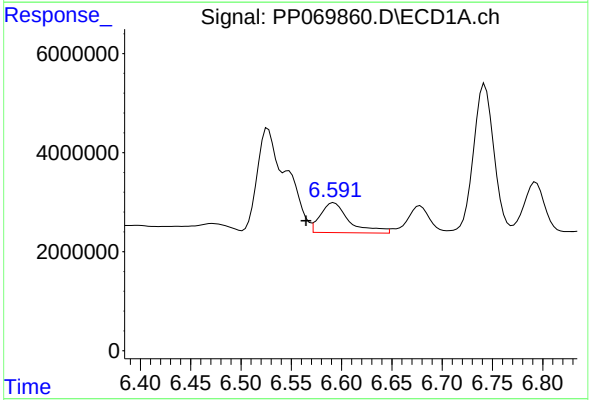
R.T.: 6.151 min
Delta R.T.: -0.015 min
Response: 7483234
Conc: 159.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



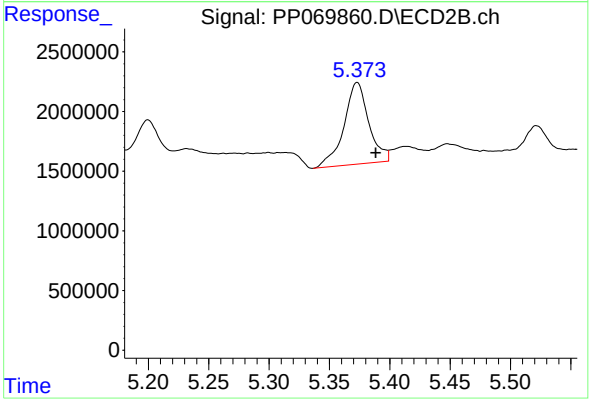
#23 AR-1248-3

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 3395998
Conc: 109.60 ng/ml



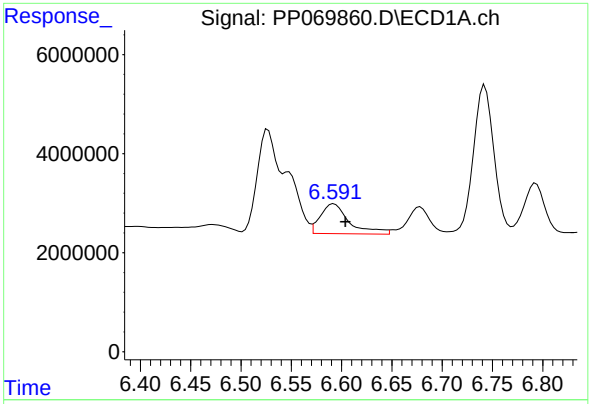
#24 AR-1248-4

R.T.: 6.592 min
Delta R.T.: 0.028 min
Response: 12052442
Conc: 218.65 ng/ml



#24 AR-1248-4

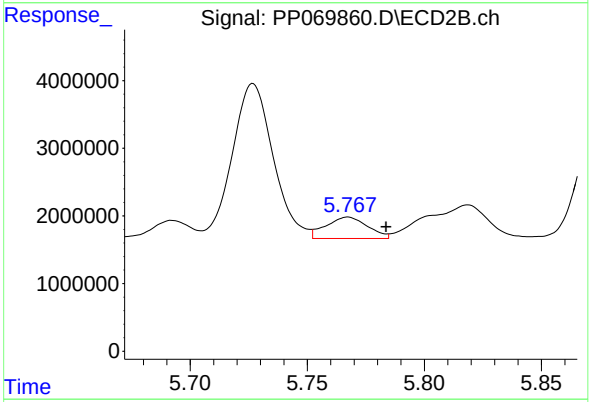
R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 9835685
Conc: 266.23 ng/ml



#25 AR-1248-5

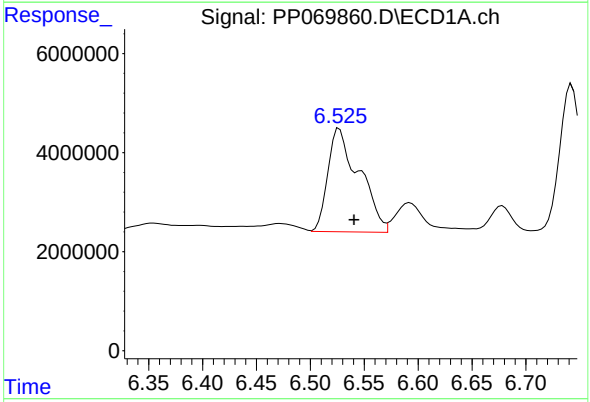
R.T.: 6.592 min
Delta R.T.: -0.011 min
Response: 12052442
Conc: 225.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



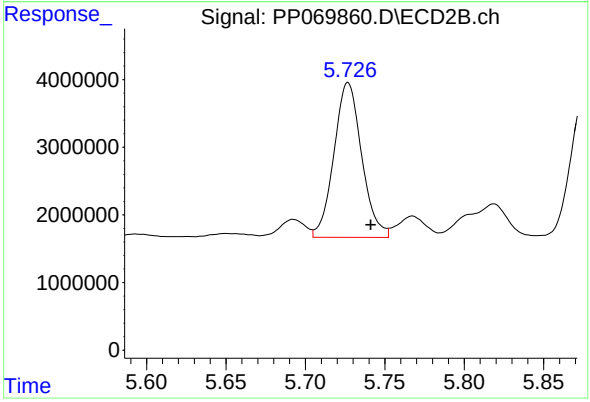
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.016 min
Response: 3920325
Conc: 104.85 ng/ml



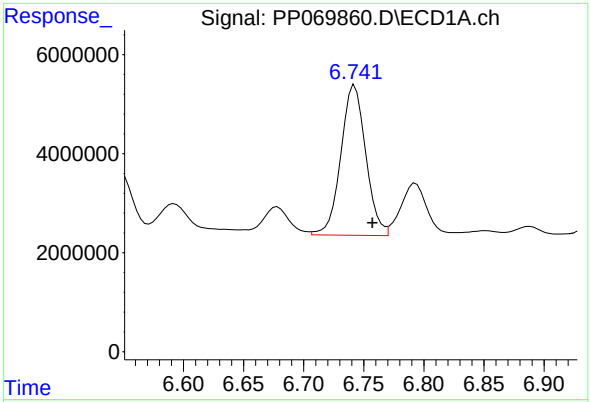
#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: -0.014 min
Response: 42179575
Conc: 728.95 ng/ml



#26 AR-1254-1

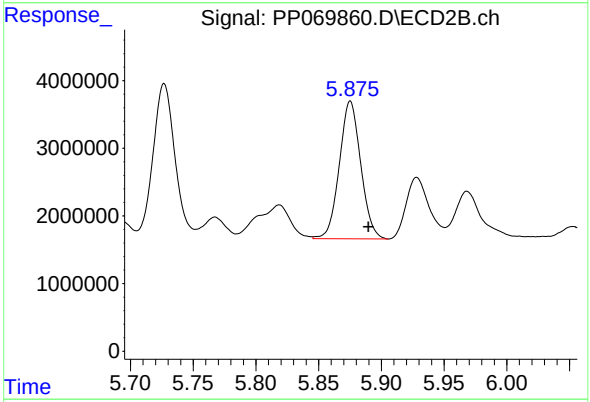
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 27796555
Conc: 504.88 ng/ml



#27 AR-1254-2

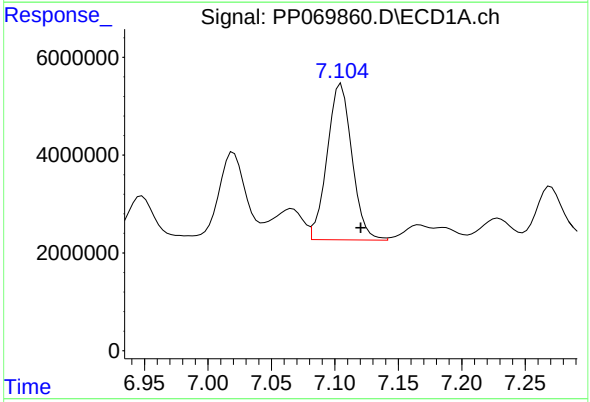
R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 43866222
Conc: 546.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



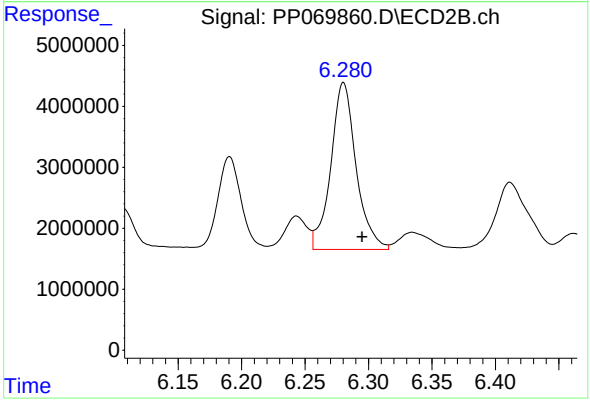
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 24181699
Conc: 499.94 ng/ml



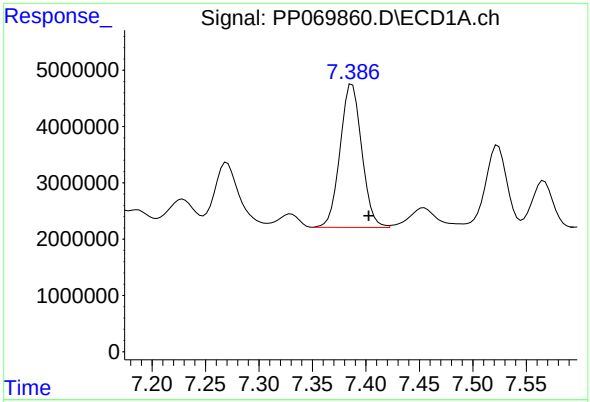
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 43561594
Conc: 516.82 ng/ml



#28 AR-1254-3

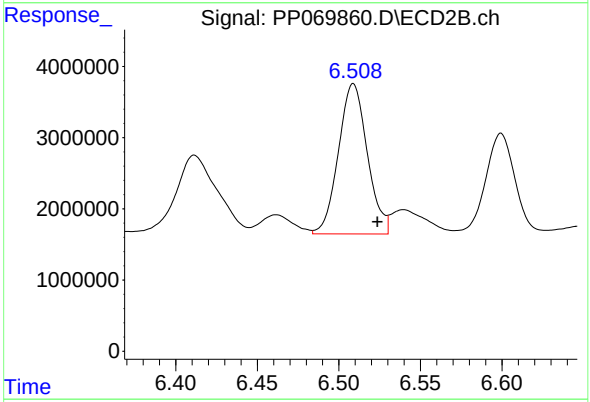
R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 37990877
Conc: 500.56 ng/ml



#29 AR-1254-4

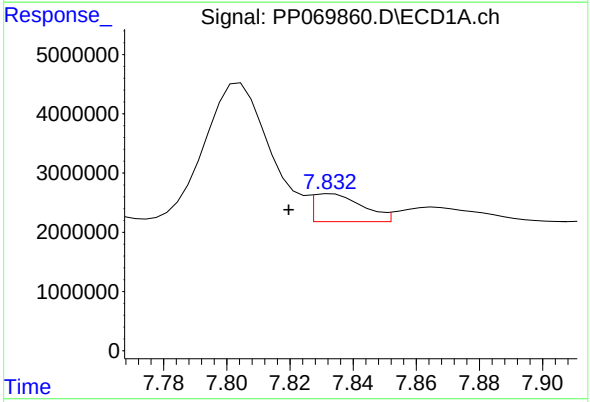
R.T.: 7.387 min
Delta R.T.: -0.016 min
Response: 35922940
Conc: 526.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



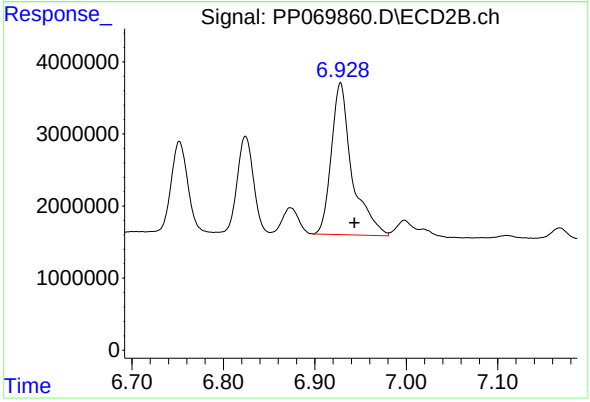
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 26015860
Conc: 507.63 ng/ml



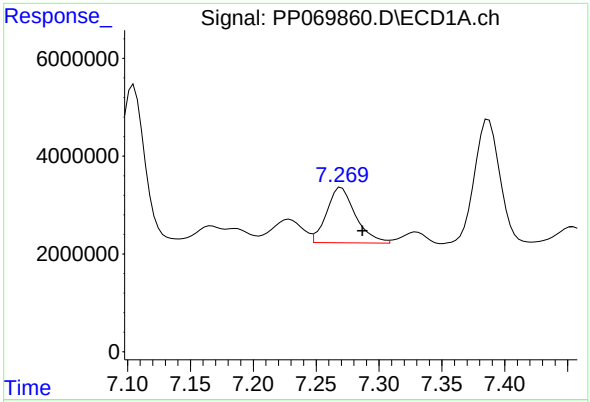
#30 AR-1254-5

R.T.: 7.833 min
Delta R.T.: 0.013 min
Response: 5092241
Conc: 74.84 ng/ml



#30 AR-1254-5

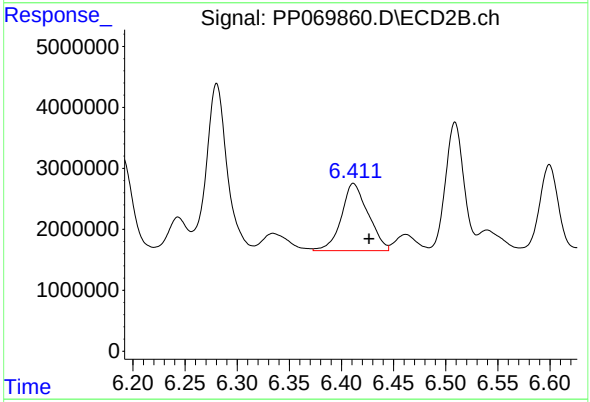
R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 33088182
Conc: 497.11 ng/ml



#31 AR-1260-1

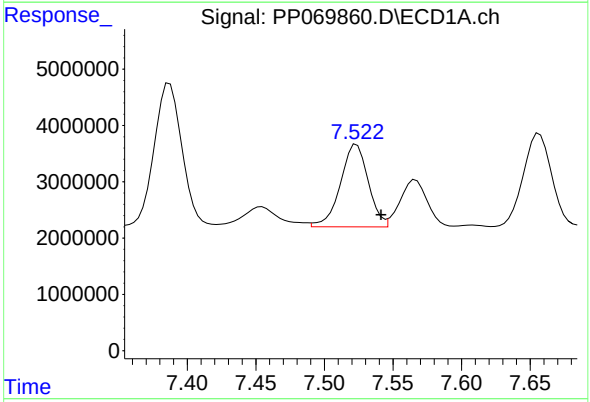
R.T.: 7.270 min
Delta R.T.: -0.017 min
Response: 18092381
Conc: 309.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



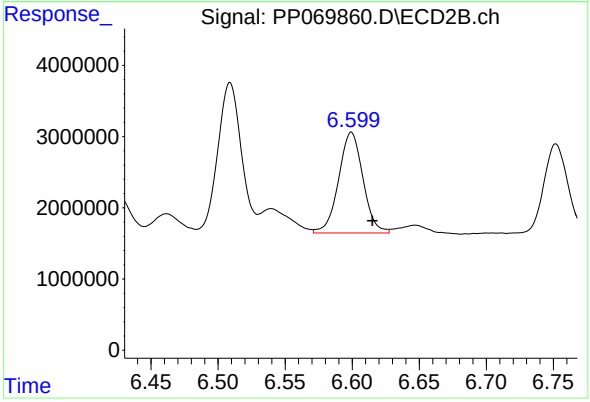
#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.015 min
Response: 19670068
Conc: 407.84 ng/ml



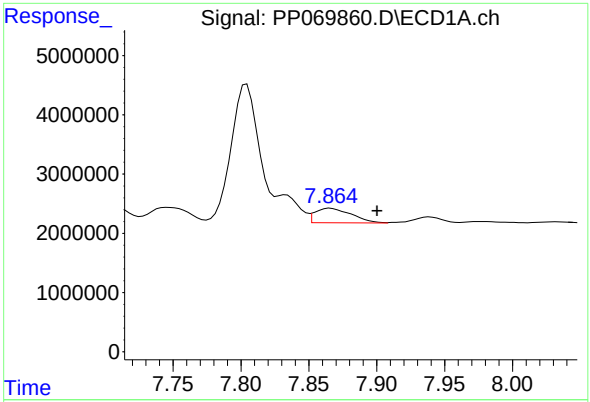
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: -0.018 min
Response: 20710785
Conc: 266.16 ng/ml



#32 AR-1260-2

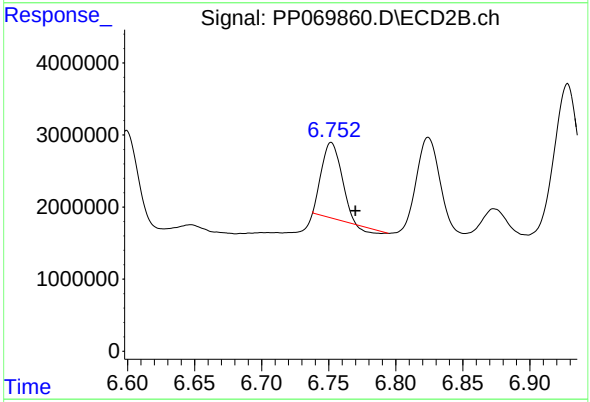
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 17875625
Conc: 291.59 ng/ml



#33 AR-1260-3

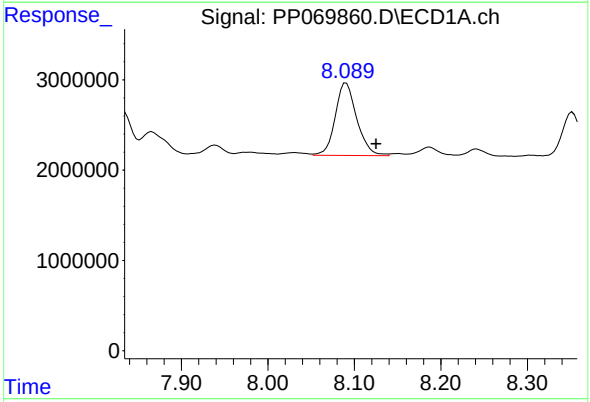
R.T.: 7.866 min
Delta R.T.: -0.034 min
Response: 4583685
Conc: 73.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



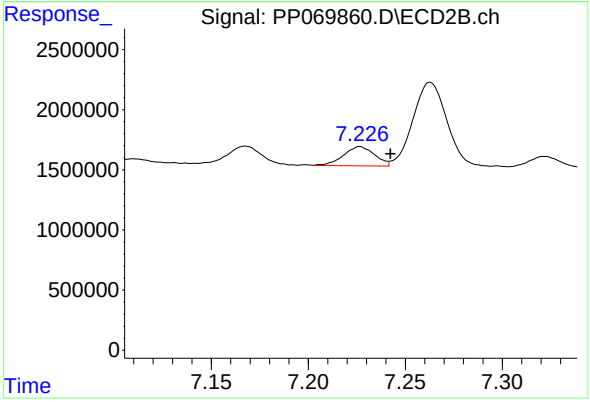
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 10375373
Conc: 172.47 ng/ml



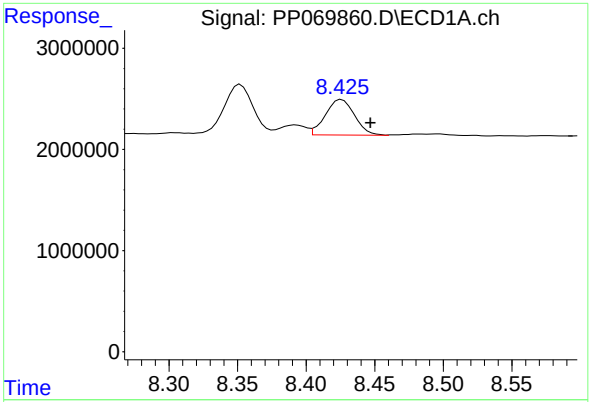
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.035 min
Response: 13788131
Conc: 208.98 ng/ml



#34 AR-1260-4

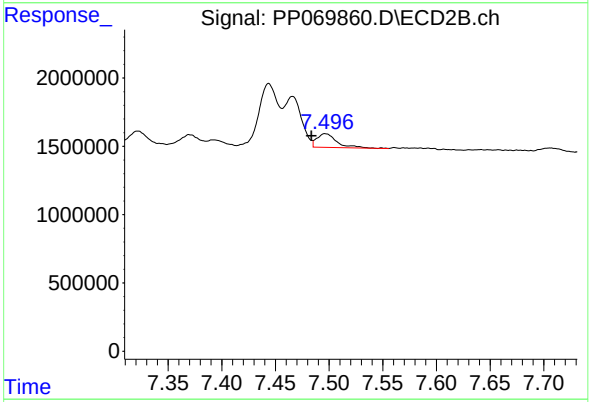
R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 1788797
Conc: 38.50 ng/ml



#35 AR-1260-5

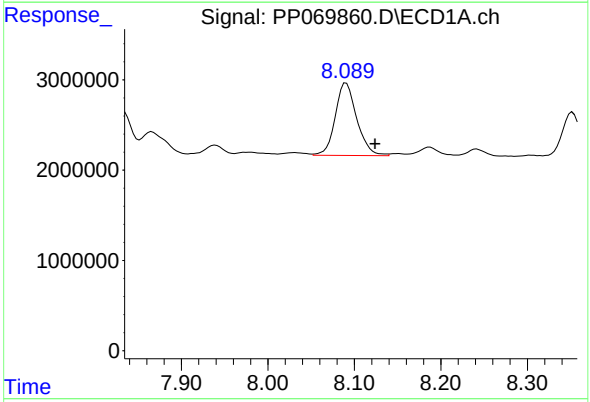
R.T.: 8.426 min
Delta R.T.: -0.021 min
Response: 5192732
Conc: 39.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



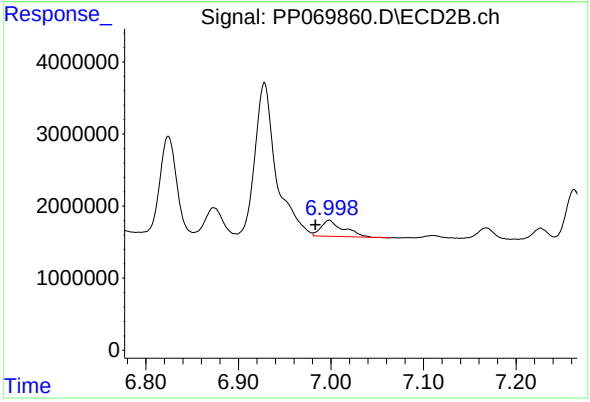
#35 AR-1260-5

R.T.: 7.497 min
Delta R.T.: 0.013 min
Response: 1306395
Conc: 11.75 ng/ml



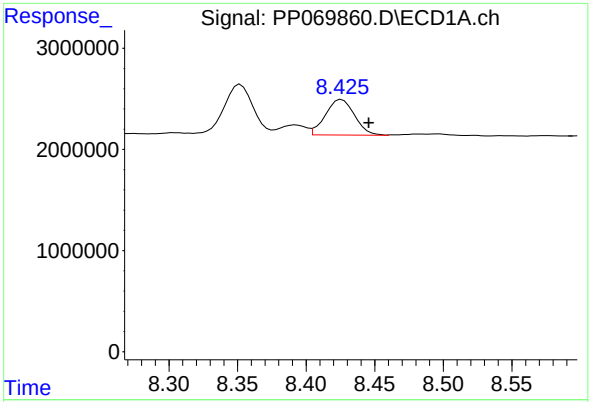
#36 AR-1262-1

R.T.: 8.090 min
Delta R.T.: -0.034 min
Response: 13788131
Conc: 174.49 ng/ml



#36 AR-1262-1

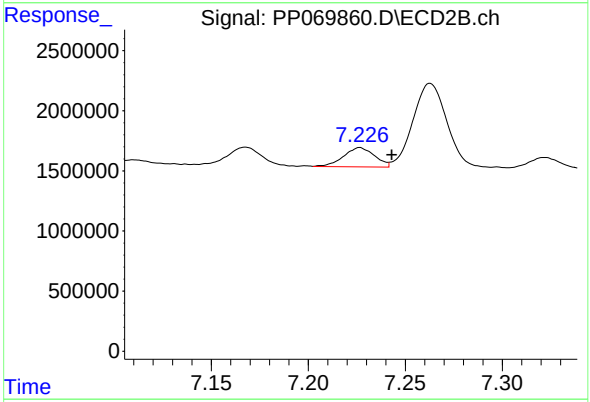
R.T.: 6.998 min
Delta R.T.: 0.015 min
Response: 3814082
Conc: 53.71 ng/ml



#37 AR-1262-2

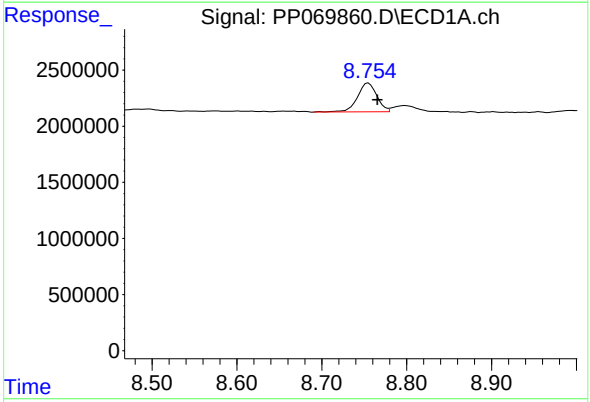
R.T.: 8.426 min
Delta R.T.: -0.020 min
Response: 5192732
Conc: 33.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



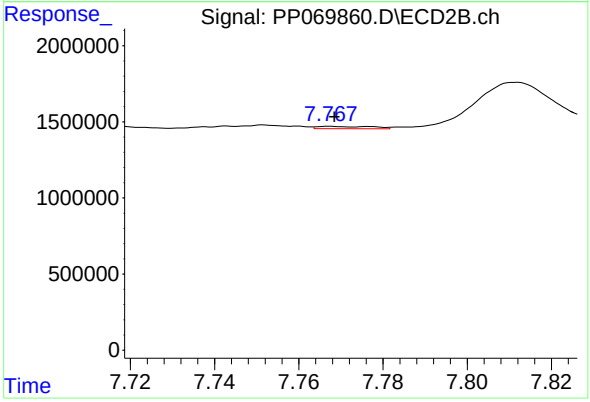
#37 AR-1262-2

R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 1788797
Conc: 29.33 ng/ml



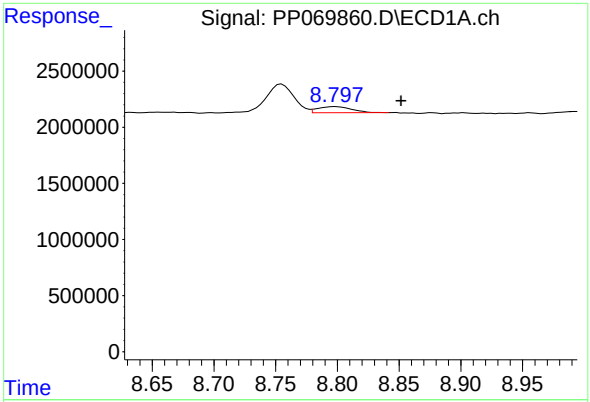
#38 AR-1262-3

R.T.: 8.755 min
Delta R.T.: -0.011 min
Response: 4095499
Conc: 38.54 ng/ml



#38 AR-1262-3

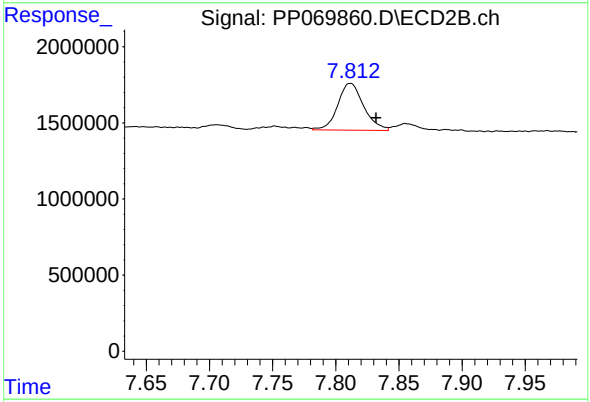
R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 138426
Conc: 2.65 ng/ml



#39 AR-1262-4

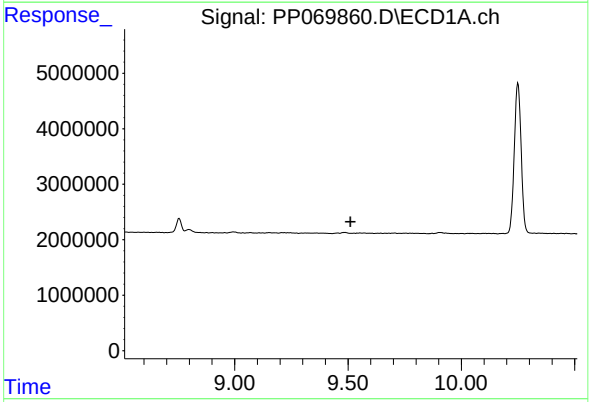
R.T.: 8.798 min
Delta R.T.: -0.053 min
Response: 1052481
Conc: 12.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



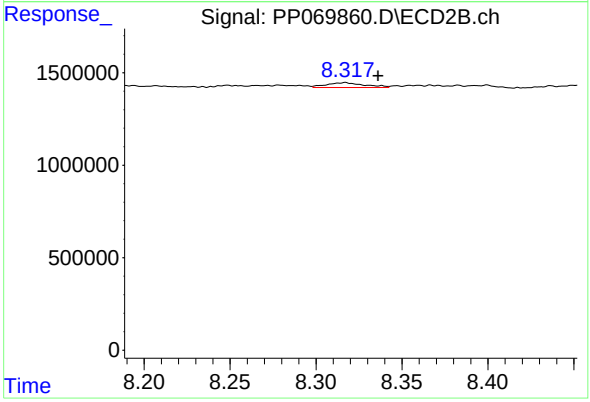
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 4388149
Conc: 47.47 ng/ml



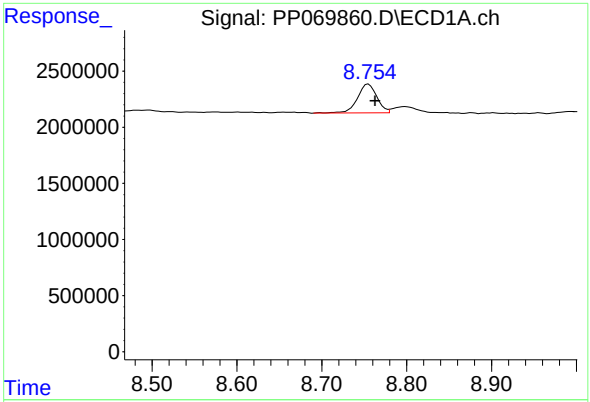
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

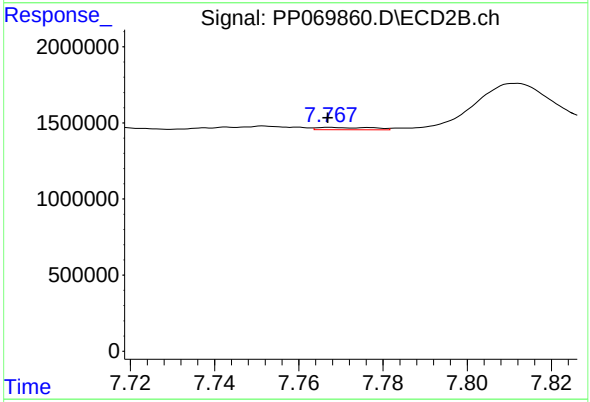
R.T.: 8.317 min
Delta R.T.: -0.019 min
Response: 406255
Conc: 8.50 ng/ml



#41 AR-1268-1

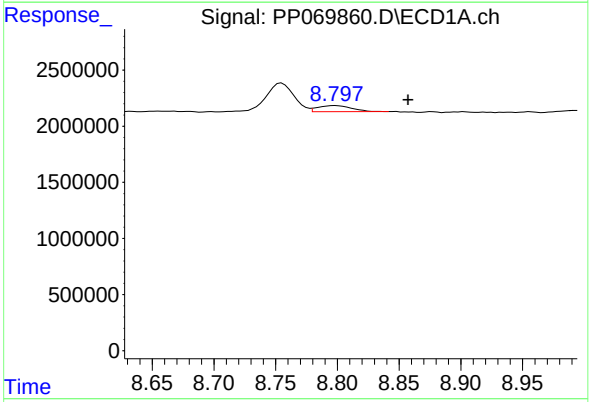
R.T.: 8.755 min
Delta R.T.: -0.008 min
Response: 4095499
Conc: 23.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



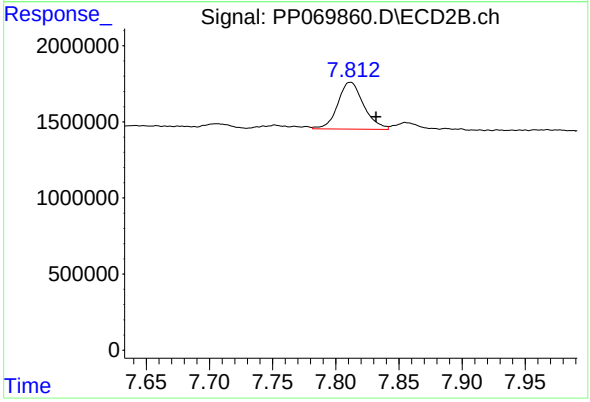
#41 AR-1268-1

R.T.: 7.767 min
Delta R.T.: 0.000 min
Response: 138426
Conc: 0.95 ng/ml



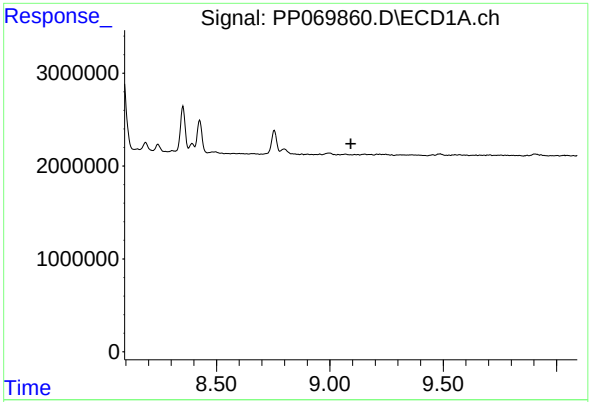
#42 AR-1268-2

R.T.: 8.798 min
Delta R.T.: -0.059 min
Response: 1052481
Conc: 6.69 ng/ml



#42 AR-1268-2

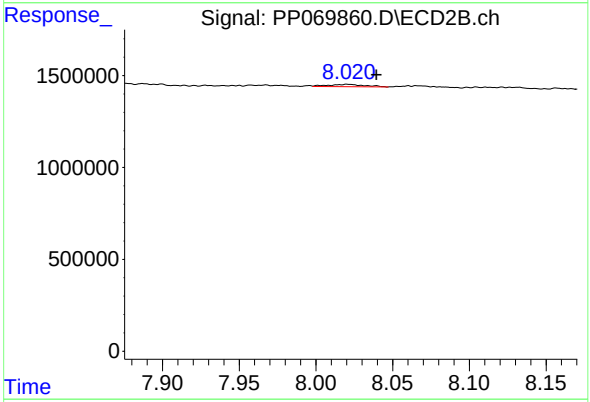
R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 4388149
Conc: 33.04 ng/ml



#43 AR-1268-3

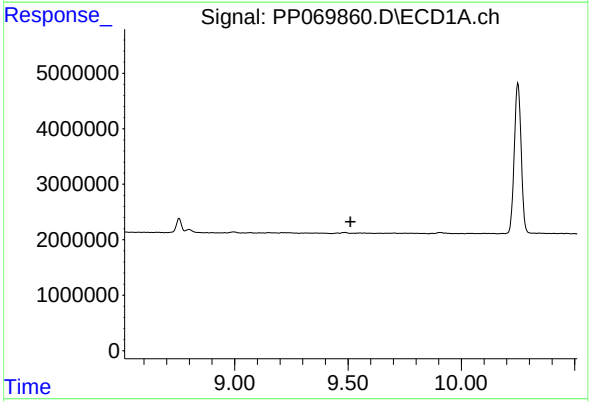
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



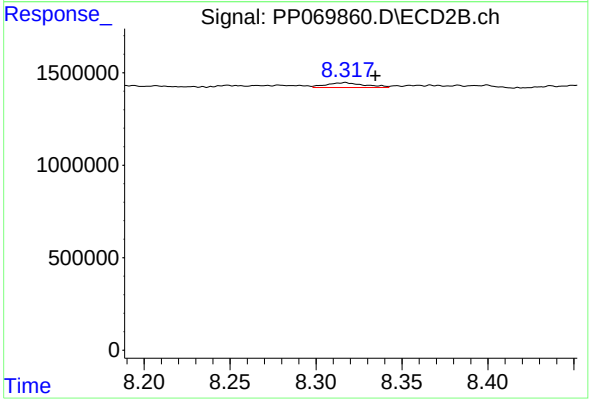
#43 AR-1268-3

R.T.: 8.021 min
Delta R.T.: -0.018 min
Response: 201708
Conc: 1.77 ng/ml



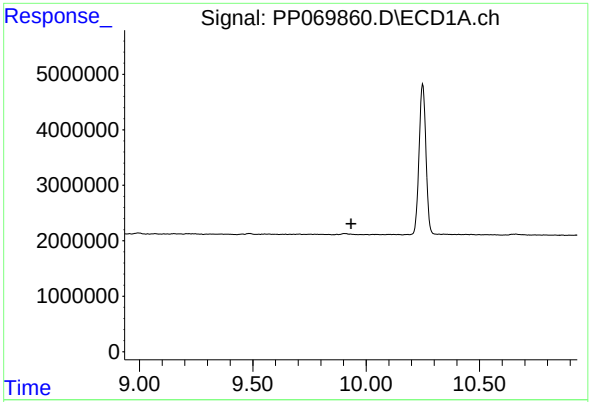
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

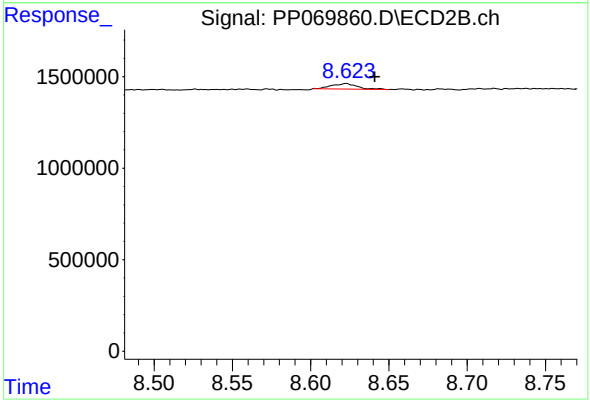
R.T.: 8.317 min
Delta R.T.: -0.018 min
Response: 406255
Conc: 7.80 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 8.623 min
Delta R.T.: -0.018 min
Response: 348424
Conc: 0.98 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:39
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:32:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.527	3.831	33016975	19249980	23.065	21.568	
2)	SA Decachlor...	10.252	8.887	24247523	24764461	22.186	22.141	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.949	0	64241	N.D.	1.970	#
4)	L1 AR-1016-2	0.000	4.949	0	64241	N.D.	1.429	#
5)	L1 AR-1016-3	0.000	5.132	0	499728	N.D.	20.082	#
6)	L1 AR-1016-4	0.000	5.188	0	825323	N.D.	40.865	#
7)	L1 AR-1016-5	0.000	5.389	0	606846	N.D.	22.623	#
8)	L2 AR-1221-1	0.000	4.018f	0	61112	N.D.	4.961	#
9)	L2 AR-1221-2	4.830	4.133	446441	366235	32.605	37.821	
10)	L2 AR-1221-3	4.830f	4.194	446441	108513	10.644	3.720	#
11)	L3 AR-1232-1	4.830f	4.194	446441	108513	13.409	4.622	#
12)	L3 AR-1232-2	0.000	4.949	0	64241	N.D.	2.725	#
13)	L3 AR-1232-3	0.000	5.132	0	499728	N.D.	38.597	#
14)	L3 AR-1232-4	0.000	5.211	0	428545	N.D.	38.655	#
15)	L3 AR-1232-5	6.024f	5.389	591780	606846	51.628	49.699	
16)	L4 AR-1242-1	0.000	4.949	0	64241	N.D.	2.228	#
17)	L4 AR-1242-2	0.000	4.949	0	64241	N.D.	1.631	#
18)	L4 AR-1242-3	0.000	5.132	0	499728	N.D.	22.206	#
19)	L4 AR-1242-4	0.000	5.211	0	428545	N.D.	19.856	#
20)	L4 AR-1242-5	6.601	5.751	814273	1671111	24.990	58.088	#
21)	L5 AR-1248-1	0.000	4.949	0	64241	N.D.	2.919	#
22)	L5 AR-1248-2	6.024f	5.188	591780	825323	13.942	27.452	#
23)	L5 AR-1248-3	0.000	5.211	0	428545	N.D.	13.831	#
24)	L5 AR-1248-4	6.530	5.389	3897985	606846	70.717	16.426	#
25)	L5 AR-1248-5	6.601	5.801	814273	1016303	15.253	27.182	#
26)	L6 AR-1254-1	6.530	5.751	3897985	1671111	67.365	30.353	#
27)	L6 AR-1254-2	0.000	5.866	0	1820770	N.D.	37.643	#
28)	L6 AR-1254-3	7.101	6.281	1936187	1590121	22.971	20.951	
29)	L6 AR-1254-4	7.396	6.529	1444808	335073	21.189	6.538	#
30)	L6 AR-1254-5	0.000	6.966	0	259306	N.D.	3.896	#
31)	L7 AR-1260-1	7.323f	6.421	1768689	465399	30.267	9.650	#
32)	L7 AR-1260-2	7.536	6.649	1035632	156304	13.309	2.550	#
33)	L7 AR-1260-3	0.000	6.757	0	611669	N.D.	10.168	#
34)	L7 AR-1260-4	0.000	7.307f	0	281706	N.D.	6.062	#
36)	L8 AR-1262-1	0.000	6.966	0	259306	N.D.	3.652	#
37)	L8 AR-1262-2	0.000	7.307f	0	281706	N.D.	4.620	#
38)	L8 AR-1262-3	0.000	7.770	0	266244	N.D.	5.091	#
39)	L8 AR-1262-4	0.000	7.854	0	324931	N.D.	3.515	#
40)	L8 AR-1262-5	0.000	8.378f	0	70940	N.D.	1.484	#
41)	L9 AR-1268-1	0.000	7.770	0	266244	N.D.	1.835	#
42)	L9 AR-1268-2	0.000	7.854	0	324931	N.D.	2.446	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:39
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:32:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	0.000	8.378f	0	70940	N.D.	1.362 #
45) L9	AR-1268-5	0.000	8.614	0	127680	N.D.	0.358 #

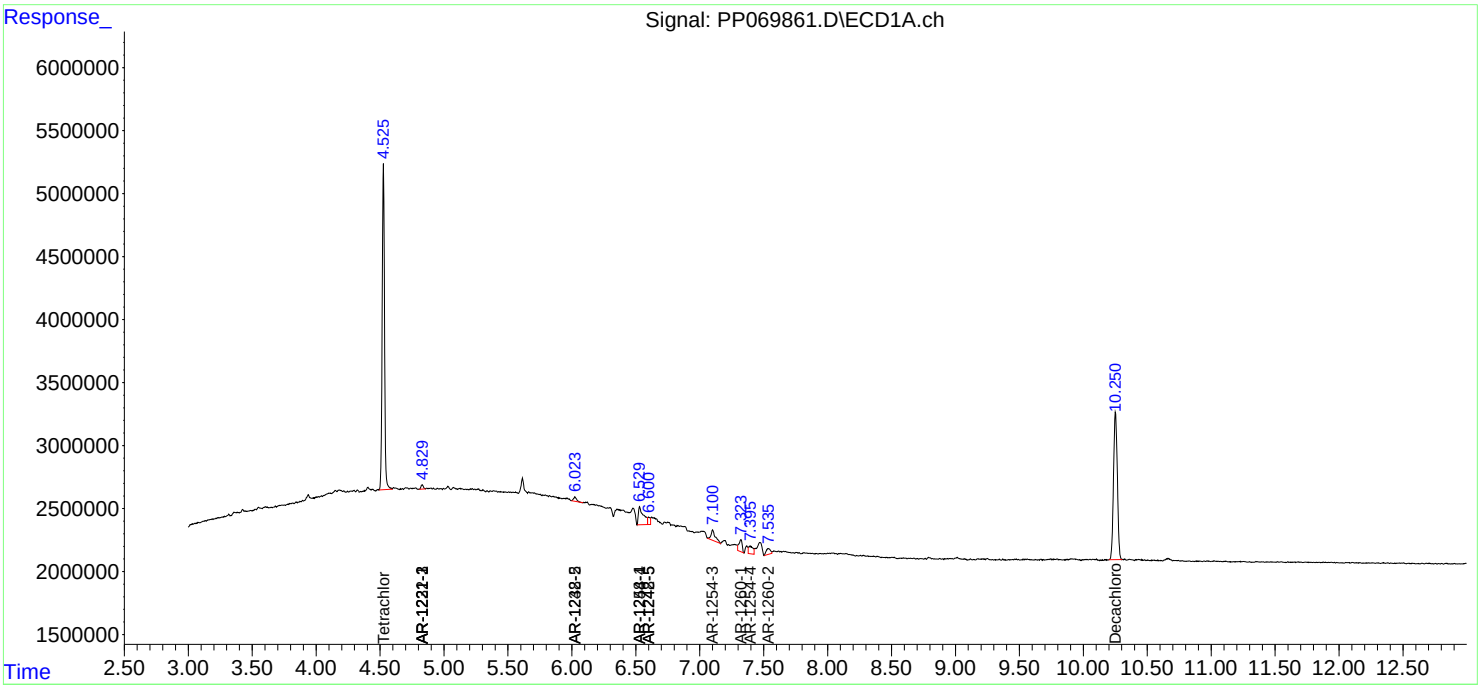
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

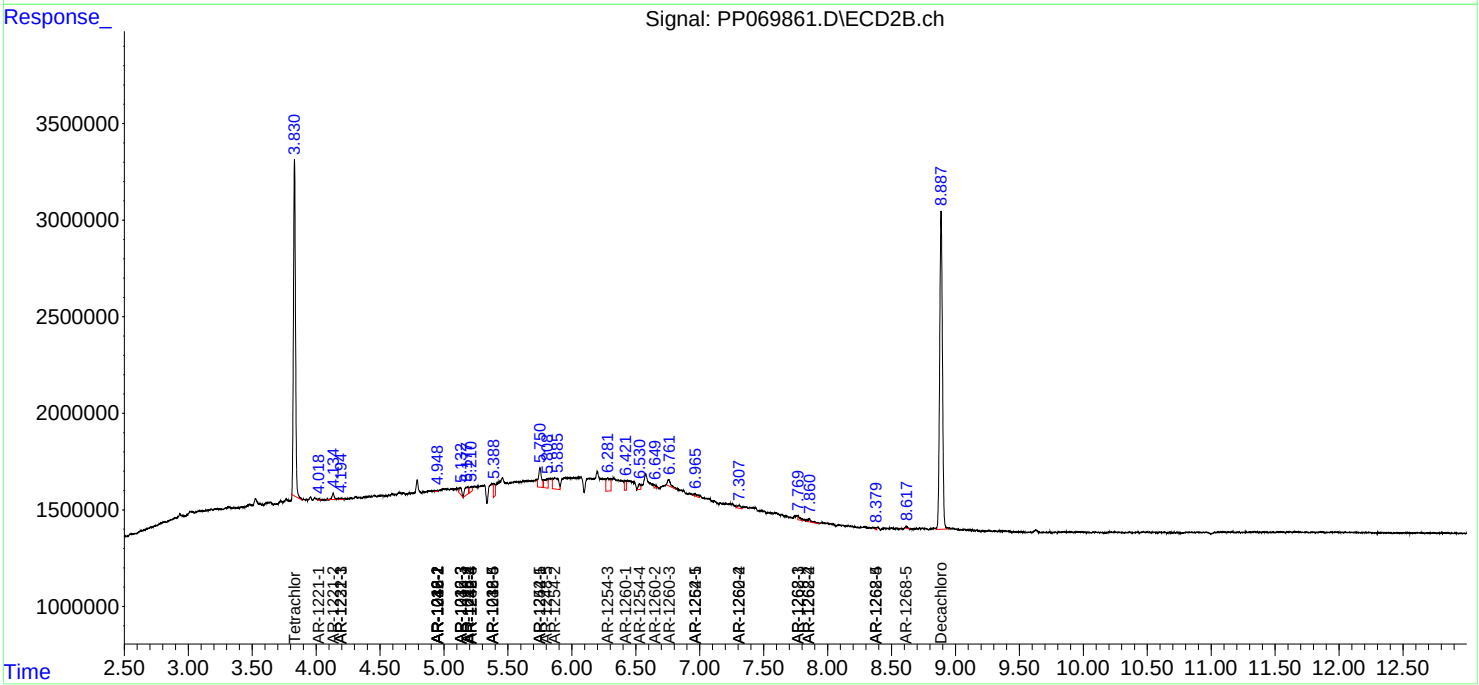
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:39
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

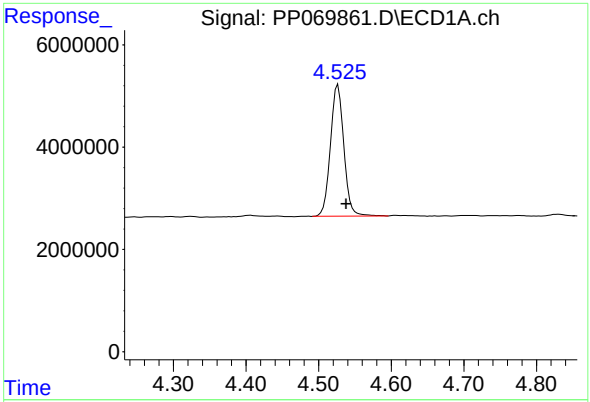
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:32:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



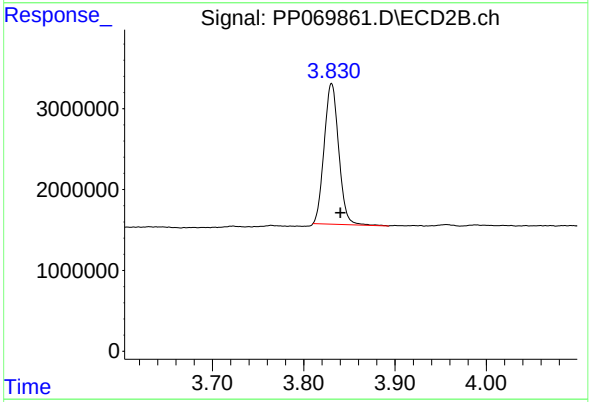




#1 Tetrachloro-m-xylene

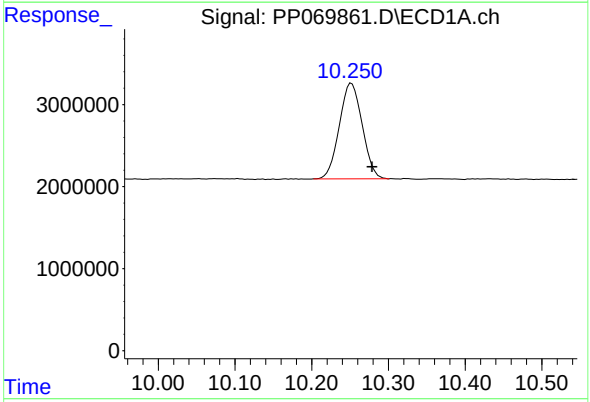
R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 33016975
Conc: 23.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



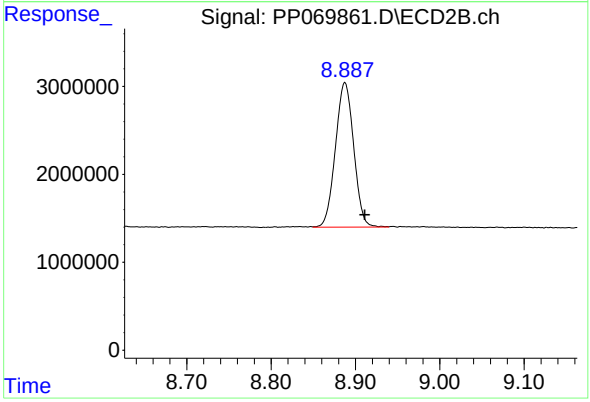
#1 Tetrachloro-m-xylene

R.T.: 3.831 min
Delta R.T.: -0.009 min
Response: 19249980
Conc: 21.57 ng/ml



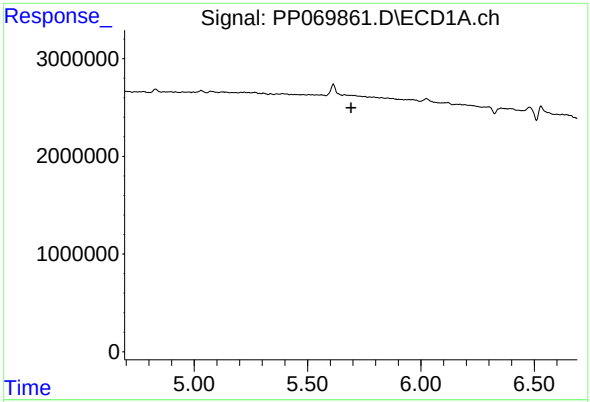
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 24247523
Conc: 22.19 ng/ml



#2 Decachlorobiphenyl

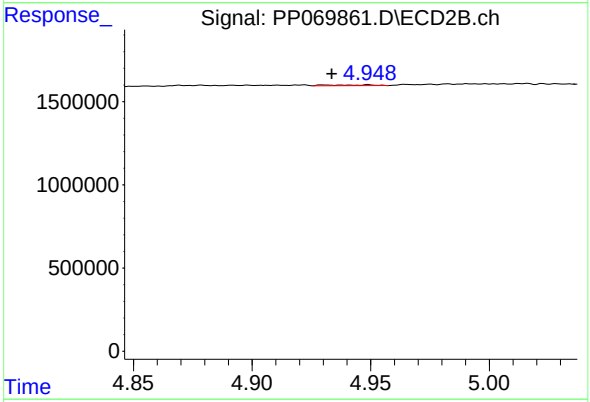
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 24764461
Conc: 22.14 ng/ml



#3 AR-1016-1

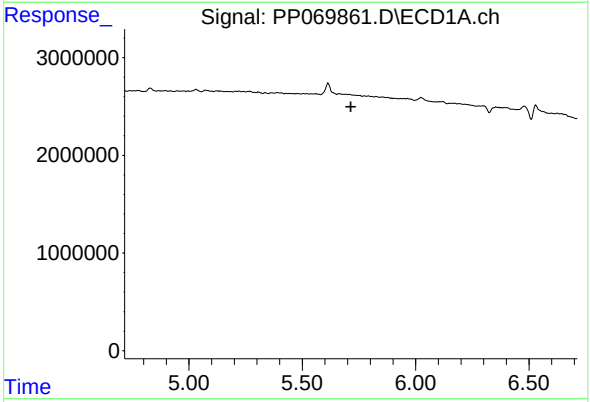
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



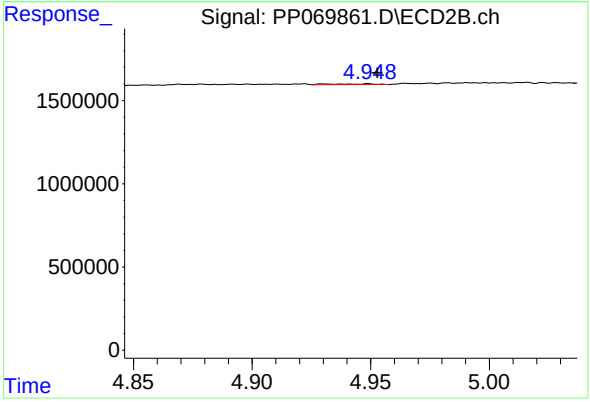
#3 AR-1016-1

R.T.: 4.949 min
Delta R.T.: 0.015 min
Response: 64241
Conc: 1.97 ng/ml



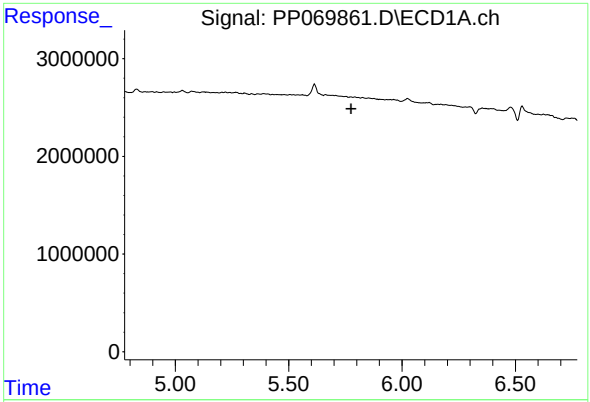
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

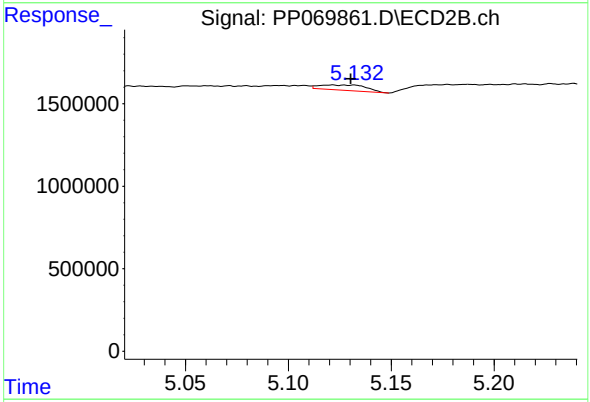
R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 64241
Conc: 1.43 ng/ml



#5 AR-1016-3

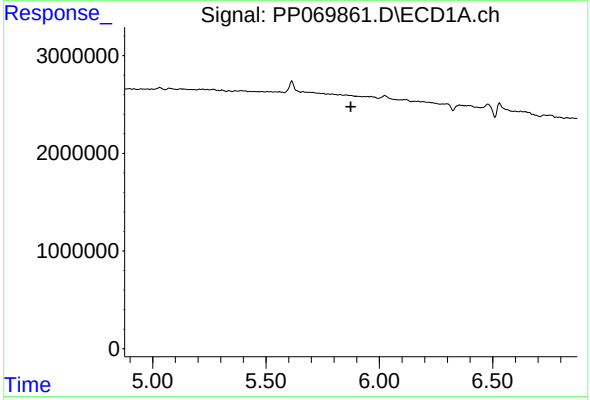
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



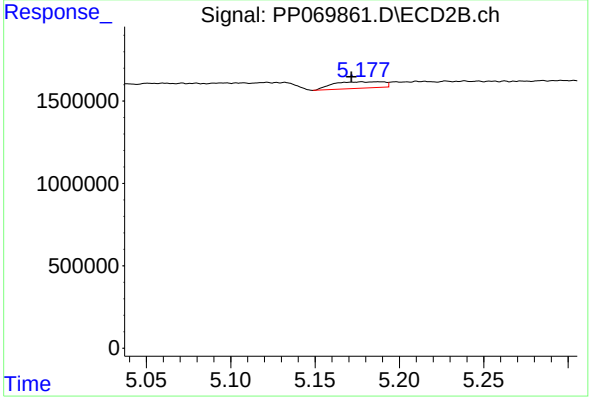
#5 AR-1016-3

R.T.: 5.132 min
Delta R.T.: 0.002 min
Response: 499728
Conc: 20.08 ng/ml



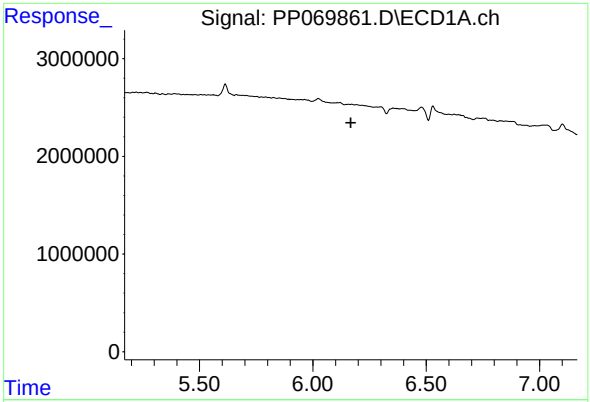
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

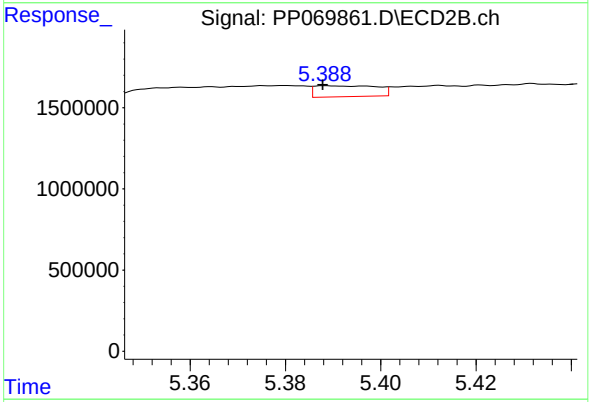
R.T.: 5.188 min
Delta R.T.: 0.016 min
Response: 825323
Conc: 40.87 ng/ml



#7 AR-1016-5

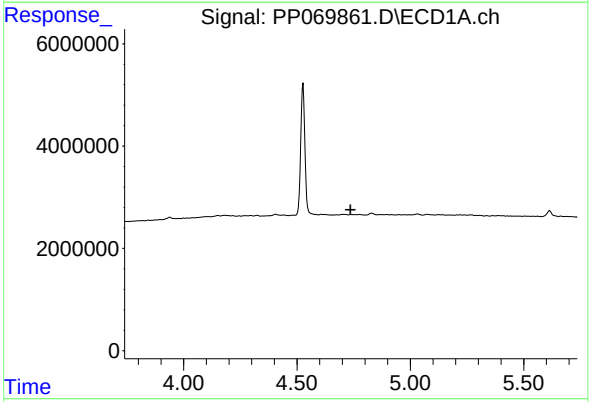
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



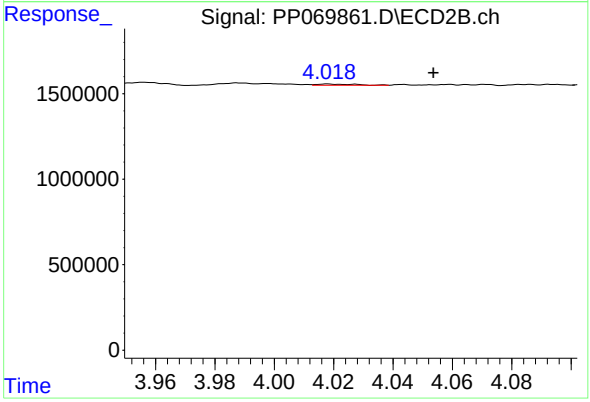
#7 AR-1016-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 606846
Conc: 22.62 ng/ml



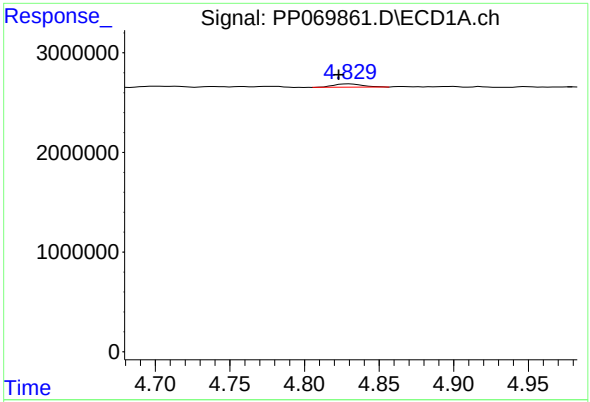
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

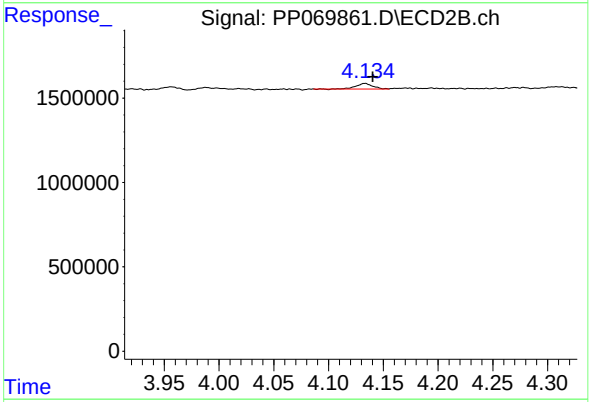
R.T.: 4.018 min
Delta R.T.: -0.035 min
Response: 61112
Conc: 4.96 ng/ml



#9 AR-1221-2

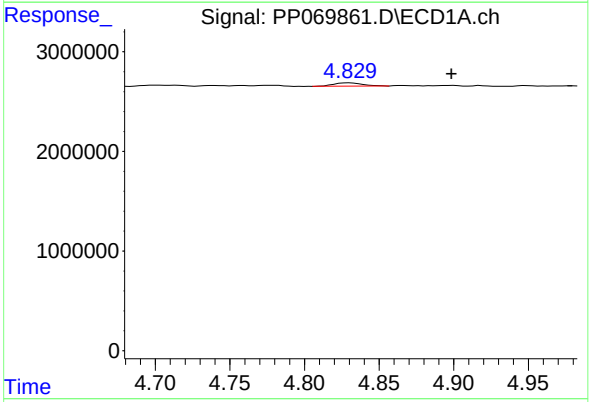
R.T.: 4.830 min
Delta R.T.: 0.007 min
Response: 446441
Conc: 32.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



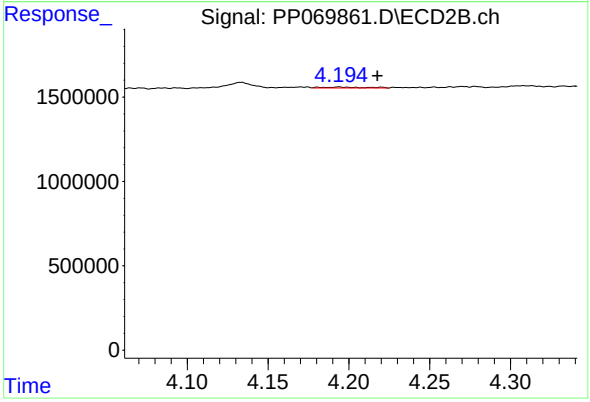
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.007 min
Response: 366235
Conc: 37.82 ng/ml



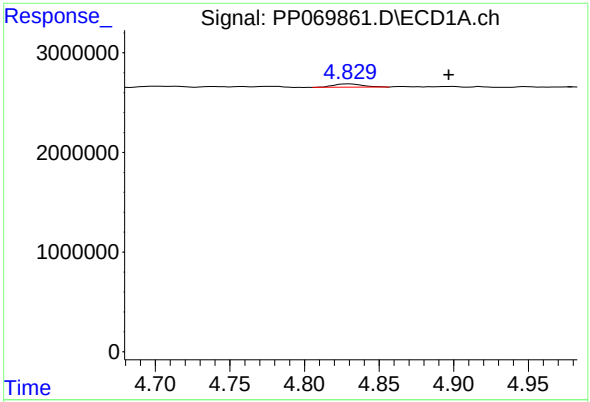
#10 AR-1221-3

R.T.: 4.830 min
Delta R.T.: -0.068 min
Response: 446441
Conc: 10.64 ng/ml



#10 AR-1221-3

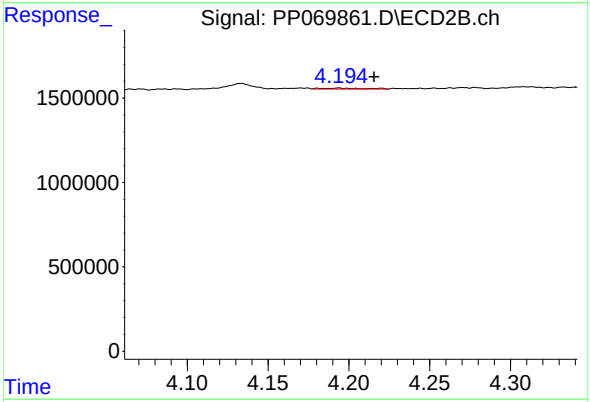
R.T.: 4.194 min
Delta R.T.: -0.024 min
Response: 108513
Conc: 3.72 ng/ml



#11 AR-1232-1

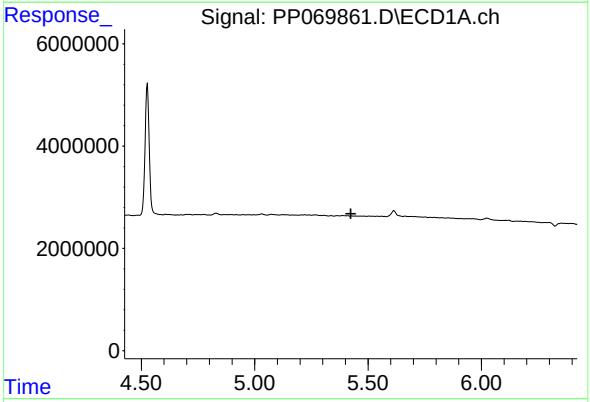
R.T.: 4.830 min
Delta R.T.: -0.067 min
Response: 446441
Conc: 13.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



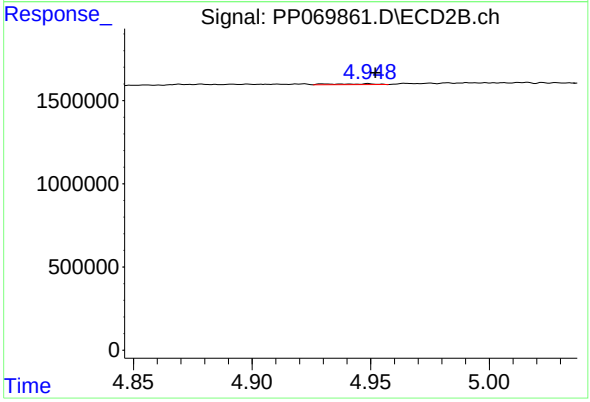
#11 AR-1232-1

R.T.: 4.194 min
Delta R.T.: -0.022 min
Response: 108513
Conc: 4.62 ng/ml



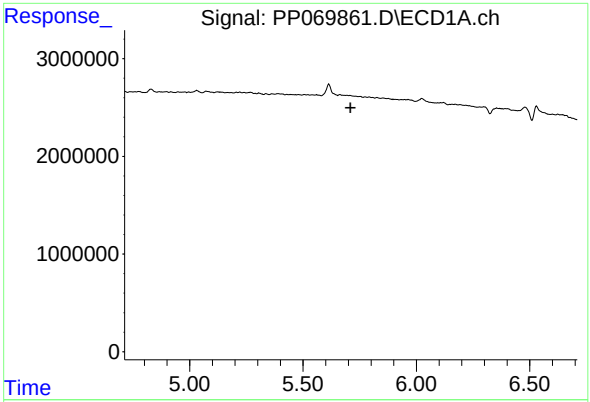
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

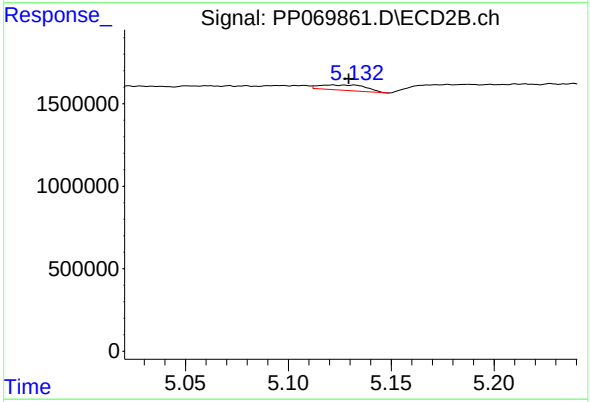
R.T.: 4.949 min
Delta R.T.: -0.003 min
Response: 64241
Conc: 2.73 ng/ml



#13 AR-1232-3

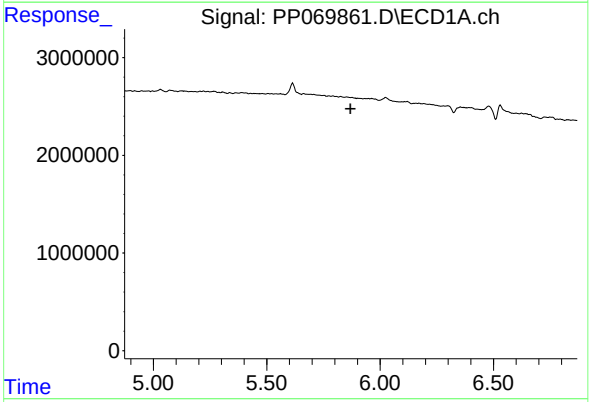
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



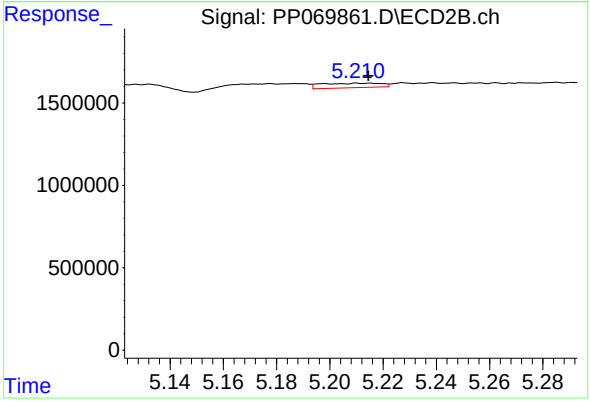
#13 AR-1232-3

R.T.: 5.132 min
Delta R.T.: 0.003 min
Response: 499728
Conc: 38.60 ng/ml



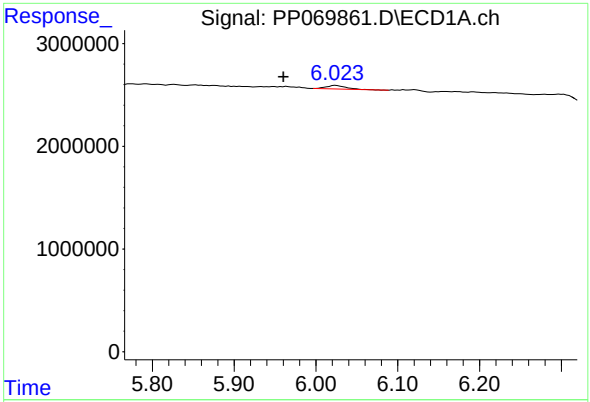
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

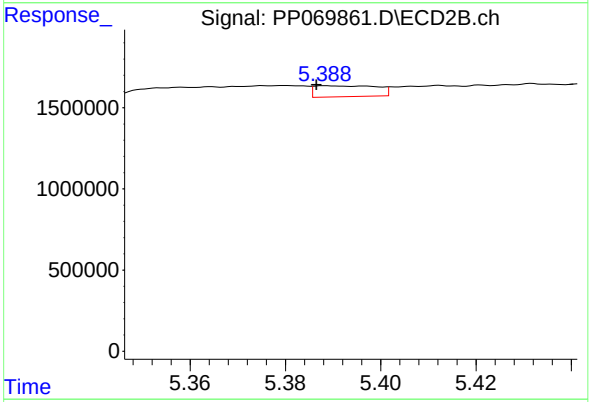
R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 428545
Conc: 38.66 ng/ml



#15 AR-1232-5

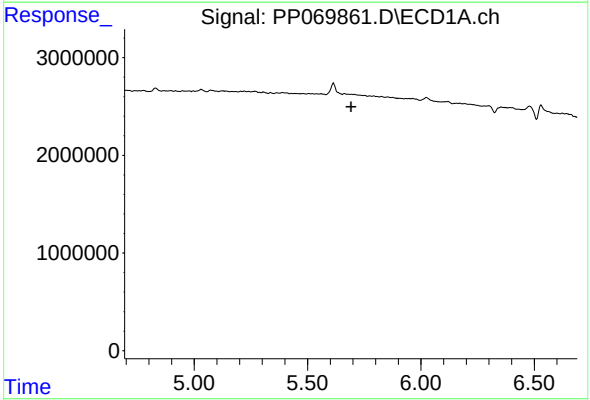
R.T.: 6.024 min
Delta R.T.: 0.064 min
Response: 591780
Conc: 51.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



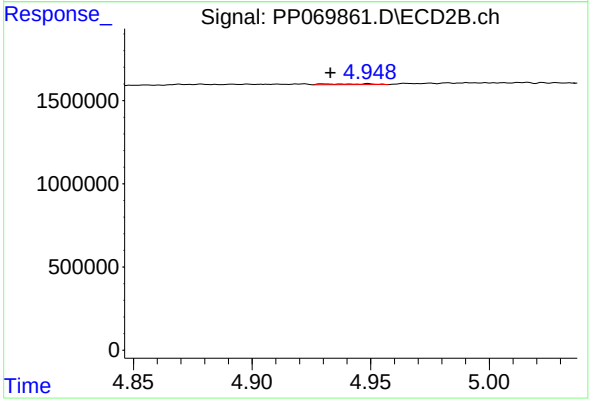
#15 AR-1232-5

R.T.: 5.389 min
Delta R.T.: 0.002 min
Response: 606846
Conc: 49.70 ng/ml



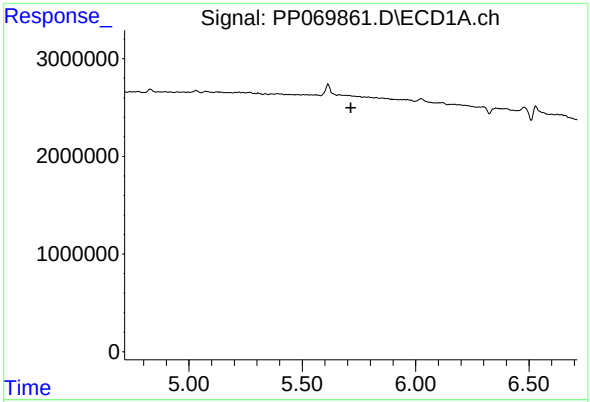
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

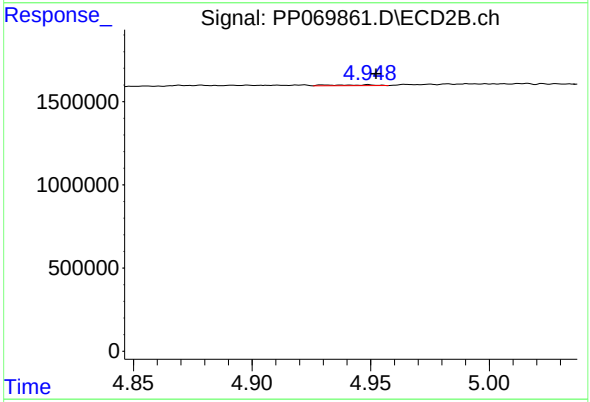
R.T.: 4.949 min
Delta R.T.: 0.016 min
Response: 64241
Conc: 2.23 ng/ml



#17 AR-1242-2

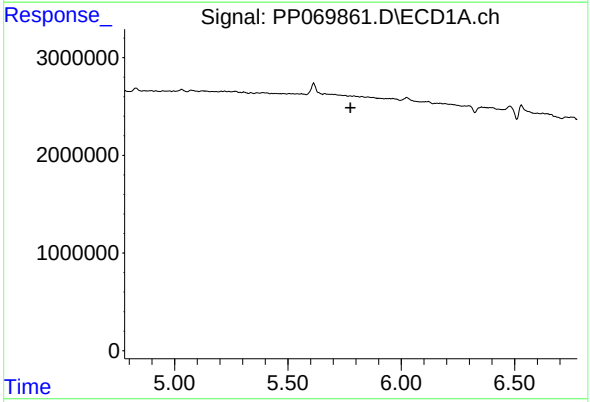
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



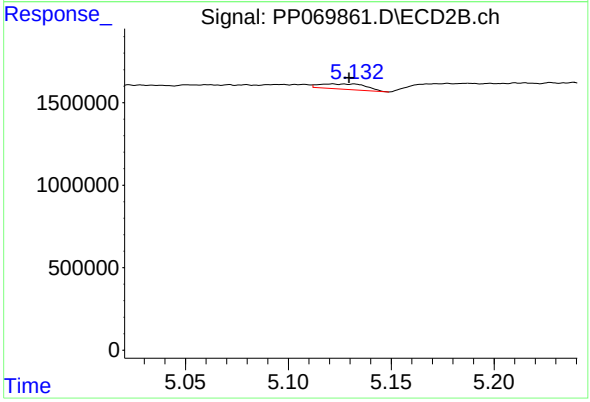
#17 AR-1242-2

R.T.: 4.949 min
Delta R.T.: -0.003 min
Response: 64241
Conc: 1.63 ng/ml



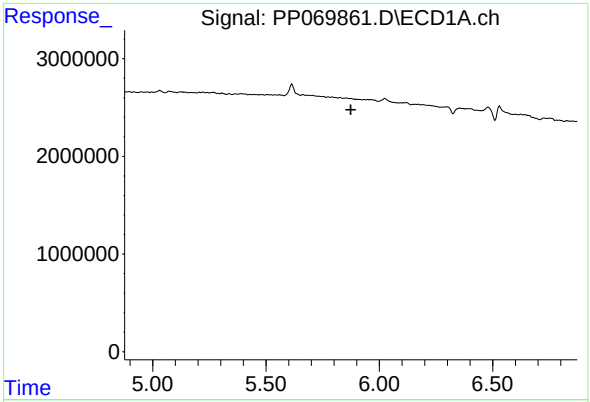
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

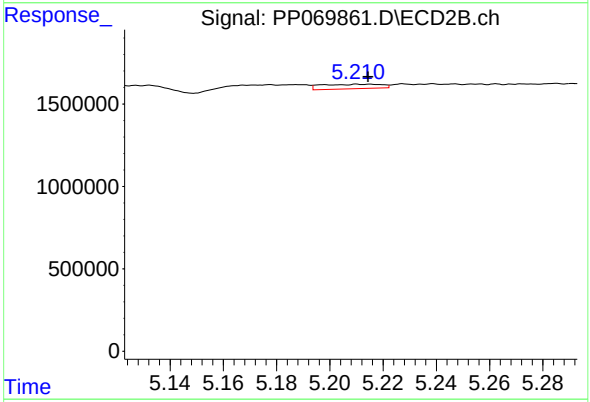
R.T.: 5.132 min
Delta R.T.: 0.002 min
Response: 499728
Conc: 22.21 ng/ml



#19 AR-1242-4

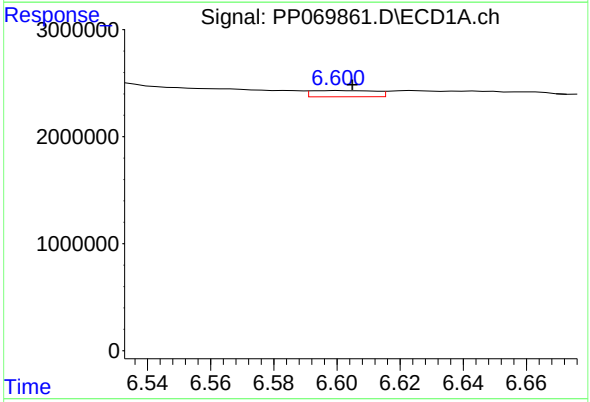
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



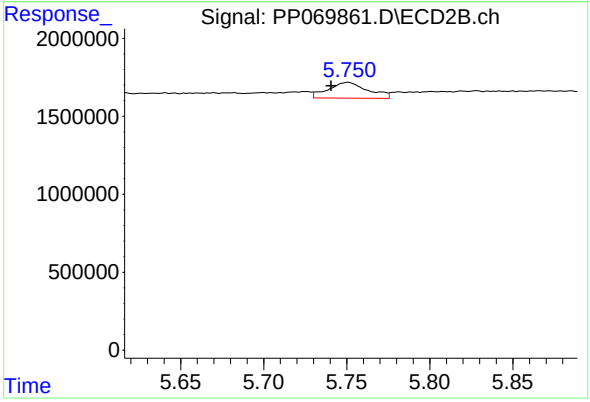
#19 AR-1242-4

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 428545
Conc: 19.86 ng/ml



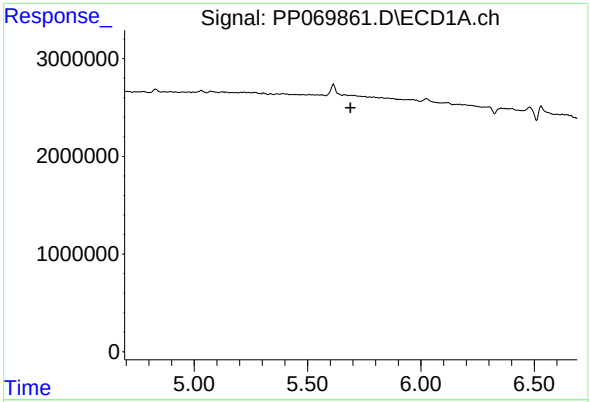
#20 AR-1242-5

R.T.: 6.601 min
Delta R.T.: -0.004 min
Response: 814273
Conc: 24.99 ng/ml



#20 AR-1242-5

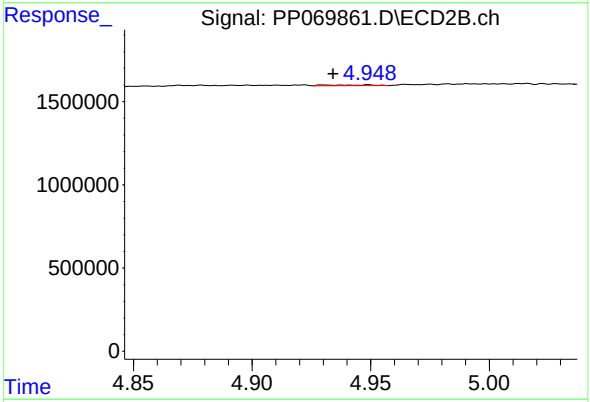
R.T.: 5.751 min
Delta R.T.: 0.010 min
Response: 1671111
Conc: 58.09 ng/ml



#21 AR-1248-1

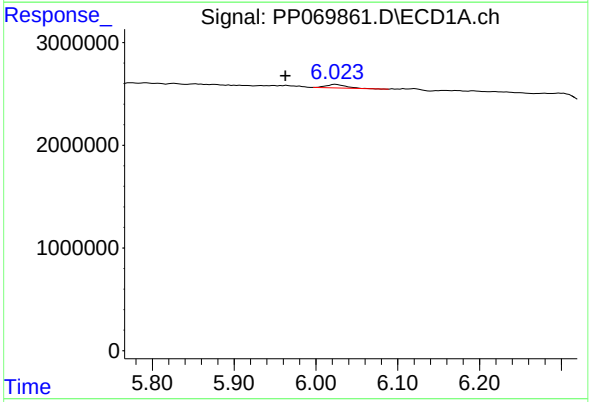
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



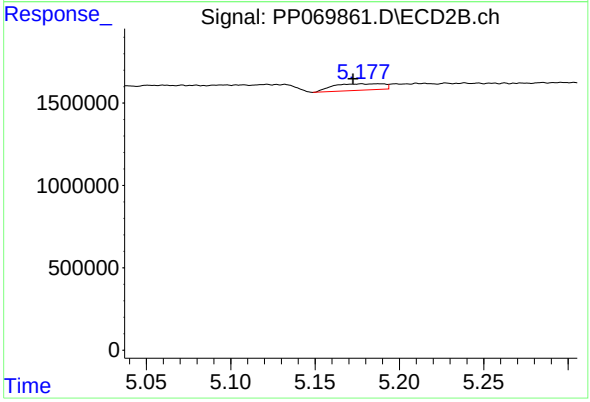
#21 AR-1248-1

R.T.: 4.949 min
Delta R.T.: 0.015 min
Response: 64241
Conc: 2.92 ng/ml



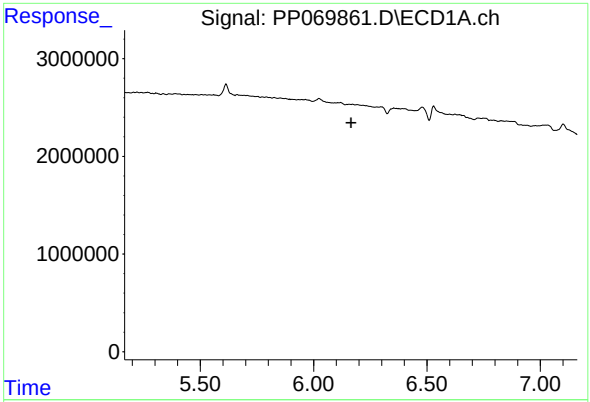
#22 AR-1248-2

R.T.: 6.024 min
Delta R.T.: 0.062 min
Response: 591780
Conc: 13.94 ng/ml



#22 AR-1248-2

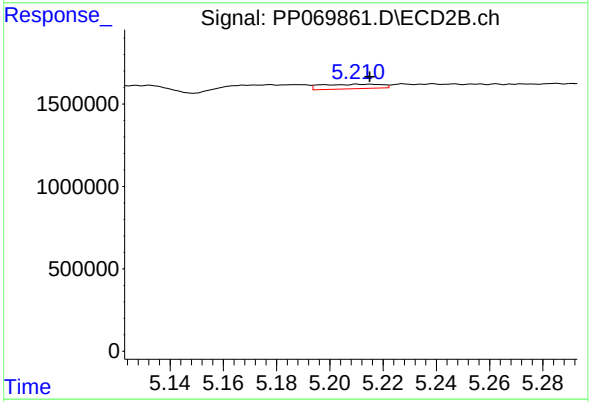
R.T.: 5.188 min
Delta R.T.: 0.015 min
Response: 825323
Conc: 27.45 ng/ml



#23 AR-1248-3

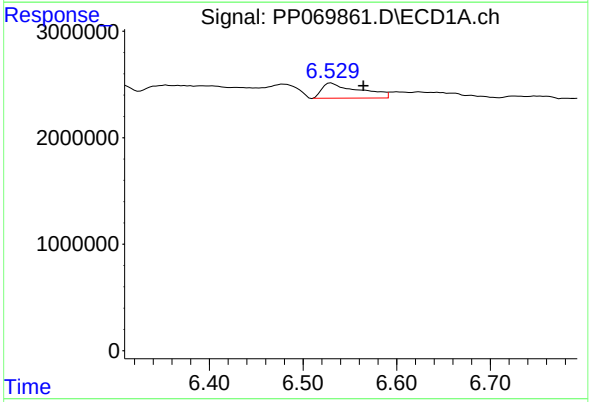
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



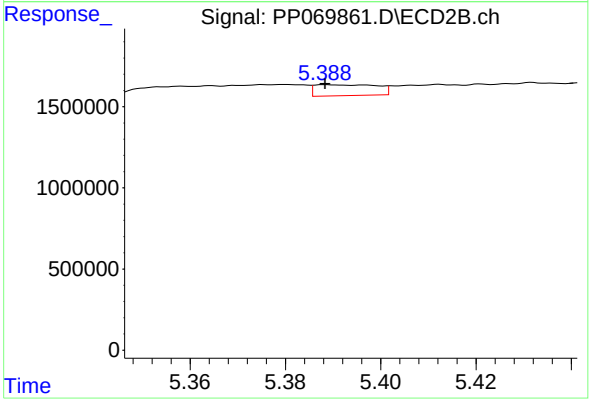
#23 AR-1248-3

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 428545
Conc: 13.83 ng/ml



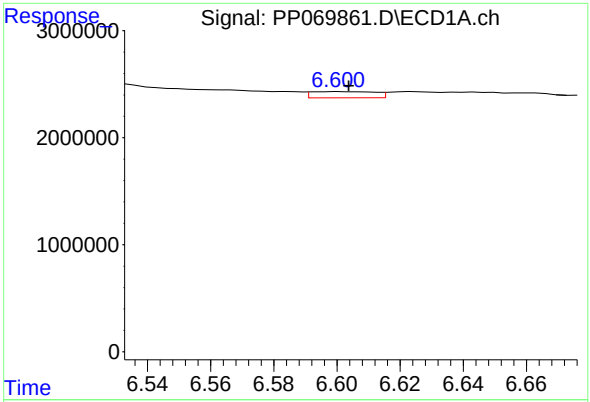
#24 AR-1248-4

R.T.: 6.530 min
Delta R.T.: -0.034 min
Response: 3897985
Conc: 70.72 ng/ml



#24 AR-1248-4

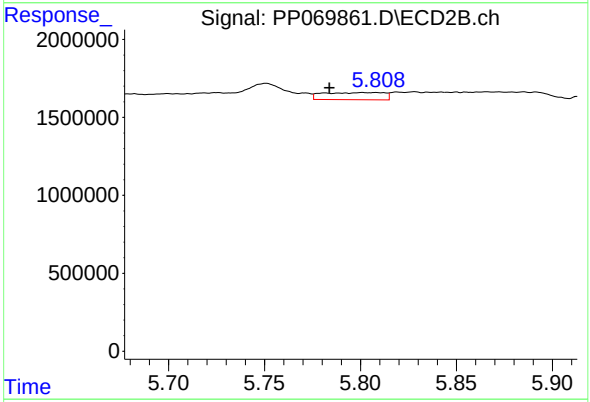
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 606846
Conc: 16.43 ng/ml



#25 AR-1248-5

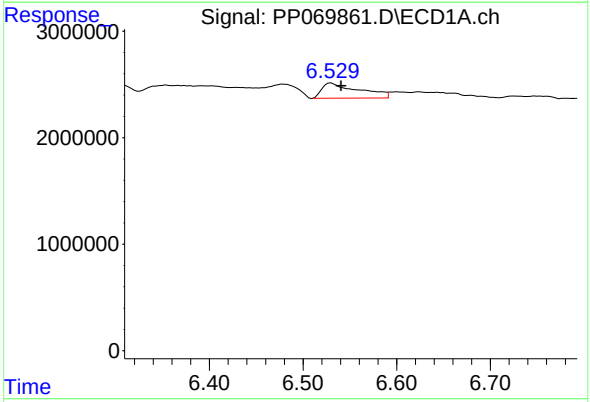
R.T.: 6.601 min
Delta R.T.: -0.003 min
Response: 814273
Conc: 15.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



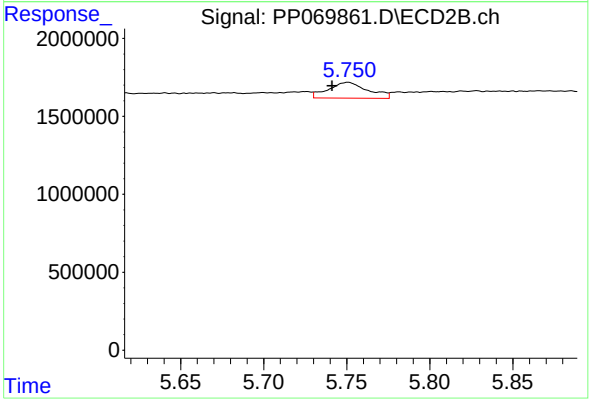
#25 AR-1248-5

R.T.: 5.801 min
Delta R.T.: 0.017 min
Response: 1016303
Conc: 27.18 ng/ml



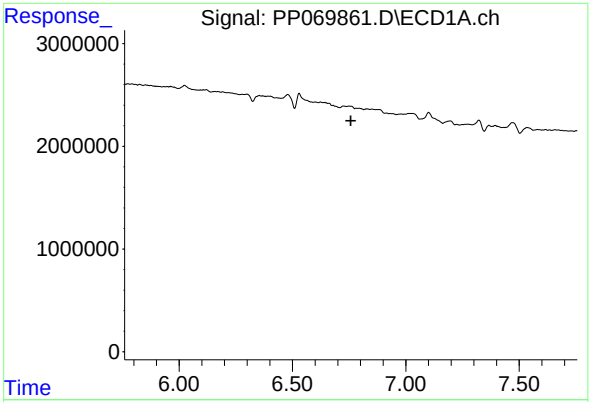
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.011 min
Response: 3897985
Conc: 67.36 ng/ml



#26 AR-1254-1

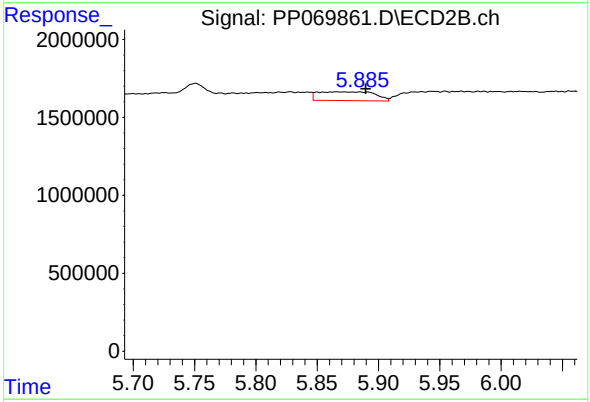
R.T.: 5.751 min
Delta R.T.: 0.009 min
Response: 1671111
Conc: 30.35 ng/ml



#27 AR-1254-2

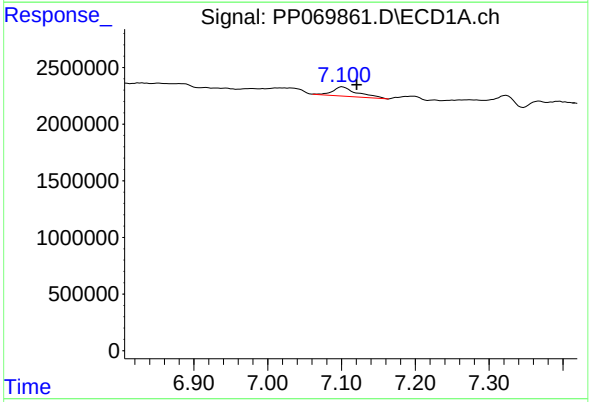
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



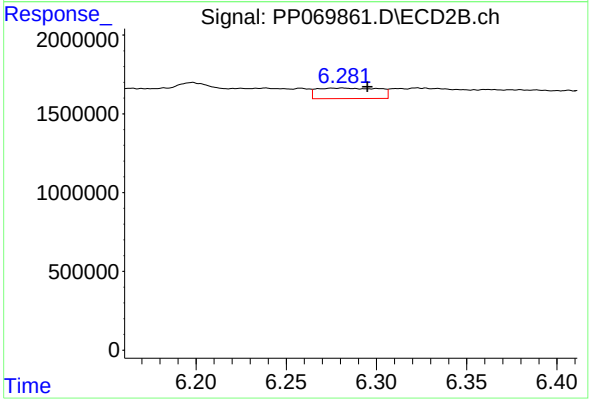
#27 AR-1254-2

R.T.: 5.866 min
Delta R.T.: -0.024 min
Response: 1820770
Conc: 37.64 ng/ml



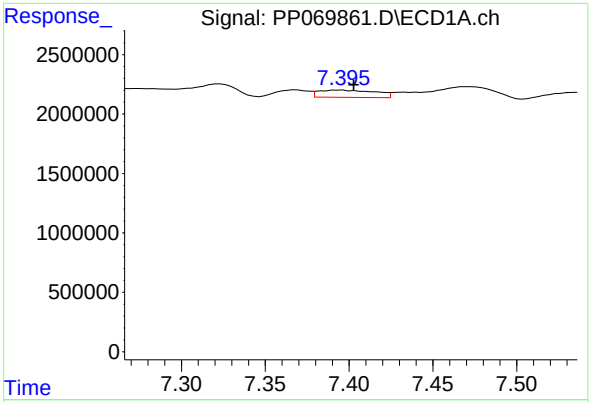
#28 AR-1254-3

R.T.: 7.101 min
Delta R.T.: -0.019 min
Response: 1936187
Conc: 22.97 ng/ml



#28 AR-1254-3

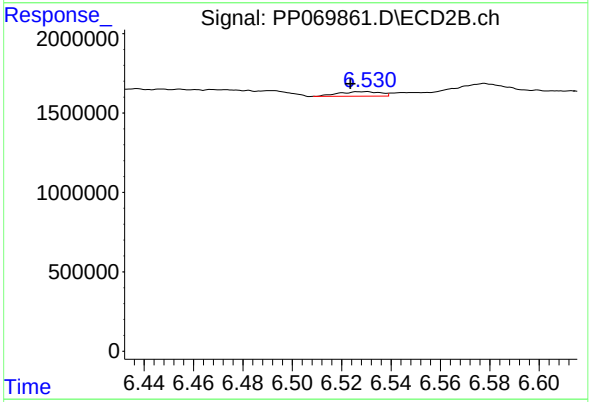
R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 1590121
Conc: 20.95 ng/ml



#29 AR-1254-4

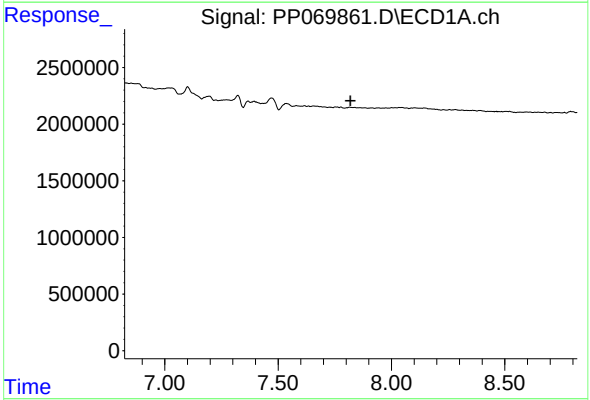
R.T.: 7.396 min
Delta R.T.: -0.007 min
Response: 1444808
Conc: 21.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



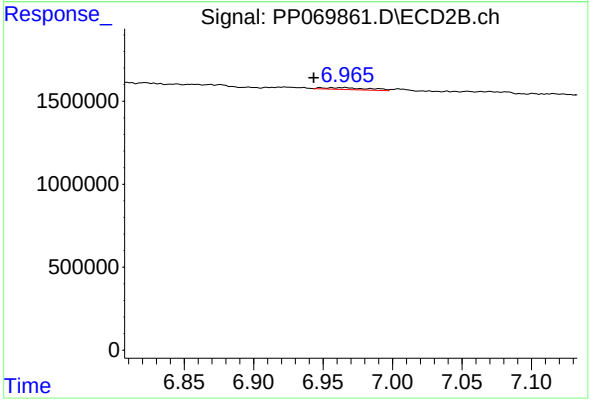
#29 AR-1254-4

R.T.: 6.529 min
Delta R.T.: 0.006 min
Response: 335073
Conc: 6.54 ng/ml



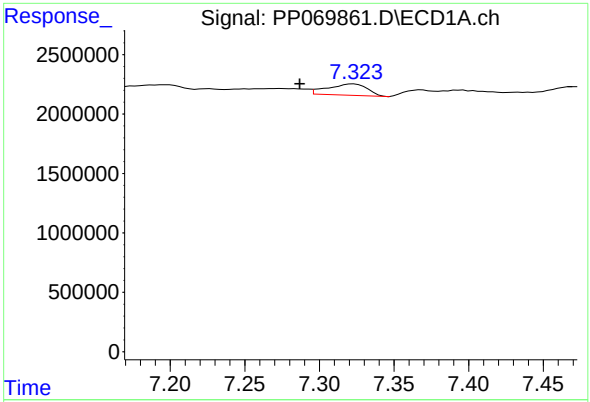
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

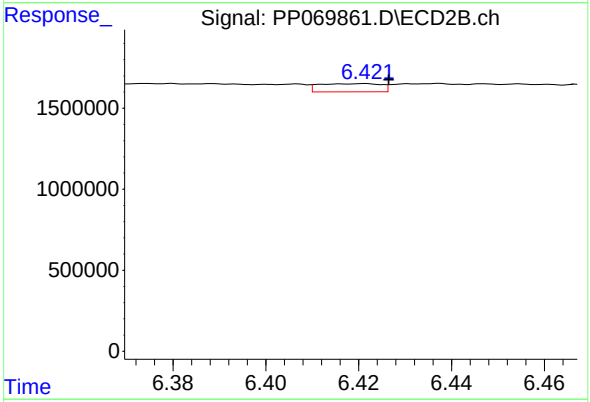
R.T.: 6.966 min
Delta R.T.: 0.023 min
Response: 259306
Conc: 3.90 ng/ml



#31 AR-1260-1

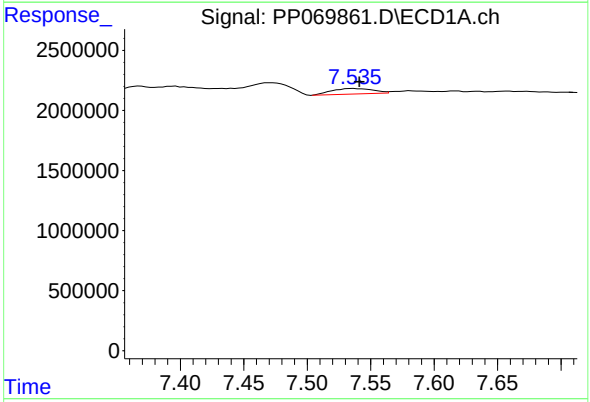
R.T.: 7.323 min
Delta R.T.: 0.036 min
Response: 1768689
Conc: 30.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



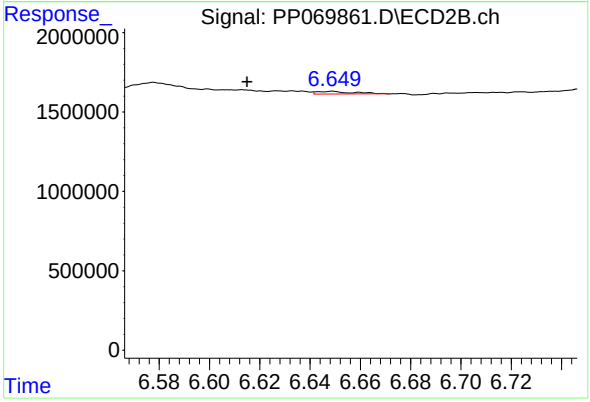
#31 AR-1260-1

R.T.: 6.421 min
Delta R.T.: -0.005 min
Response: 465399
Conc: 9.65 ng/ml



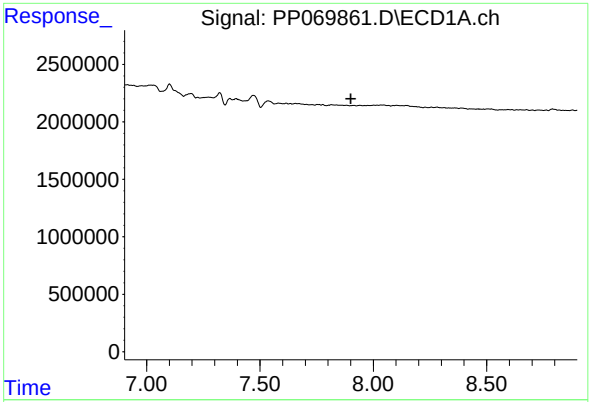
#32 AR-1260-2

R.T.: 7.536 min
Delta R.T.: -0.005 min
Response: 1035632
Conc: 13.31 ng/ml



#32 AR-1260-2

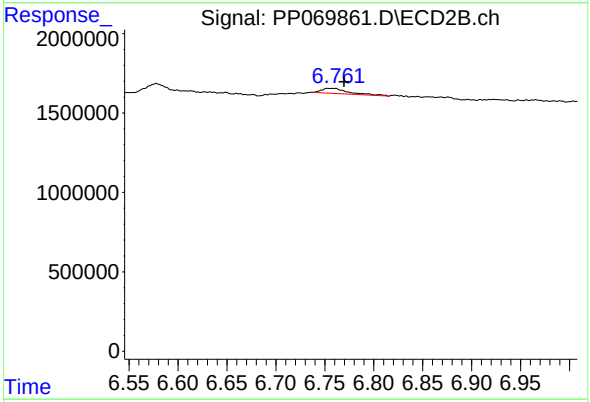
R.T.: 6.649 min
Delta R.T.: 0.034 min
Response: 156304
Conc: 2.55 ng/ml



#33 AR-1260-3

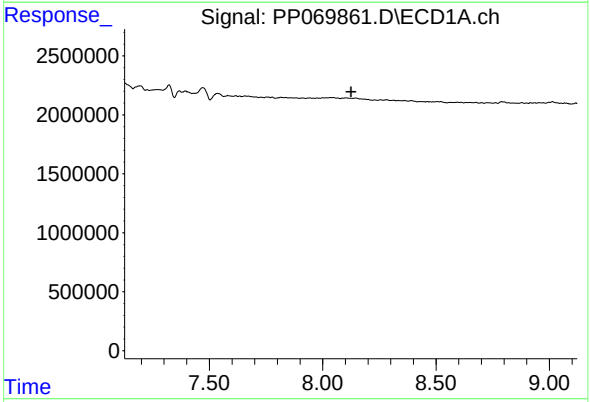
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



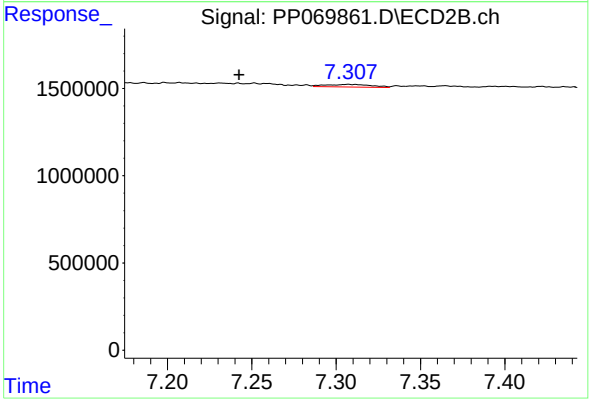
#33 AR-1260-3

R.T.: 6.757 min
Delta R.T.: -0.013 min
Response: 611669
Conc: 10.17 ng/ml



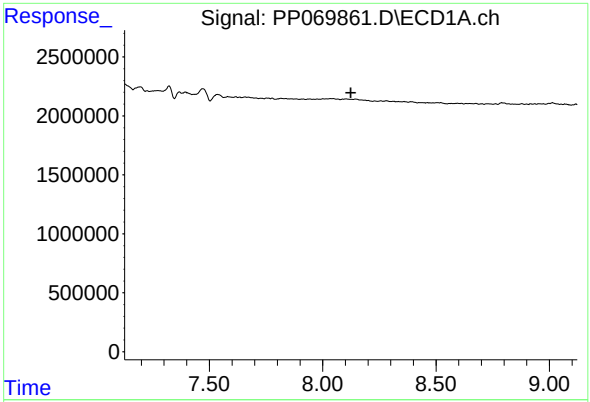
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.125 min
Response: 0
Conc: N.D.



#34 AR-1260-4

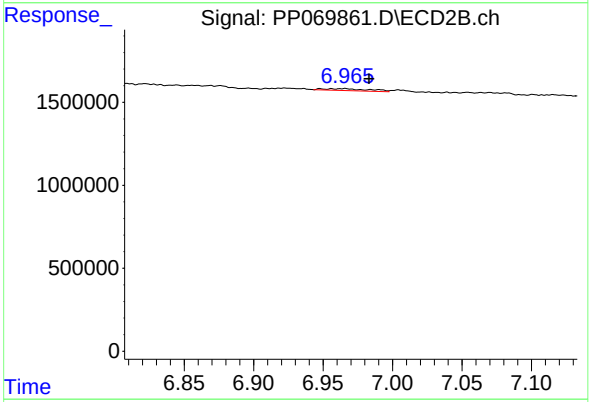
R.T.: 7.307 min
Delta R.T.: 0.065 min
Response: 281706
Conc: 6.06 ng/ml



#36 AR-1262-1

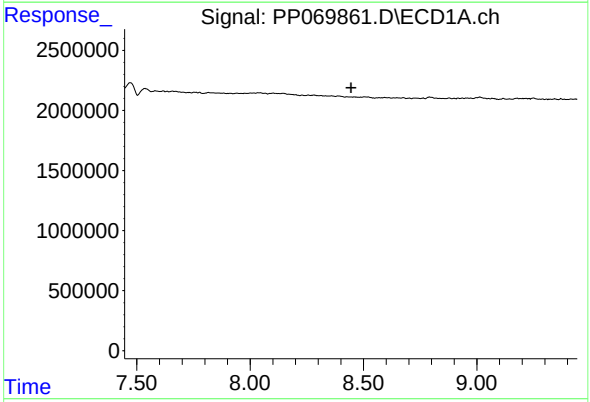
R.T.: 0.000 min
Exp R.T. : 8.124 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



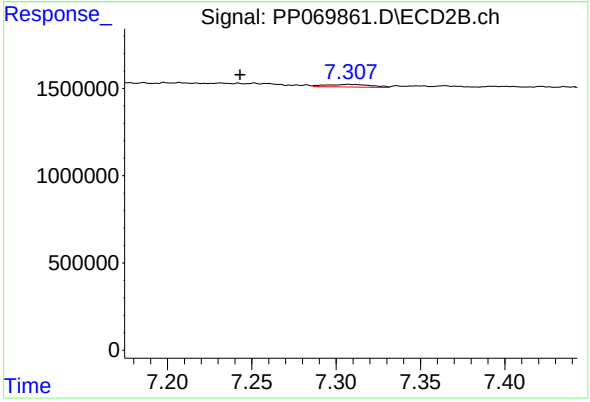
#36 AR-1262-1

R.T.: 6.966 min
Delta R.T.: -0.017 min
Response: 259306
Conc: 3.65 ng/ml



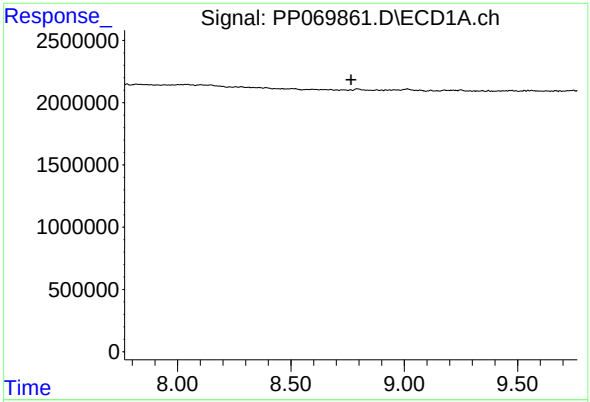
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.



#37 AR-1262-2

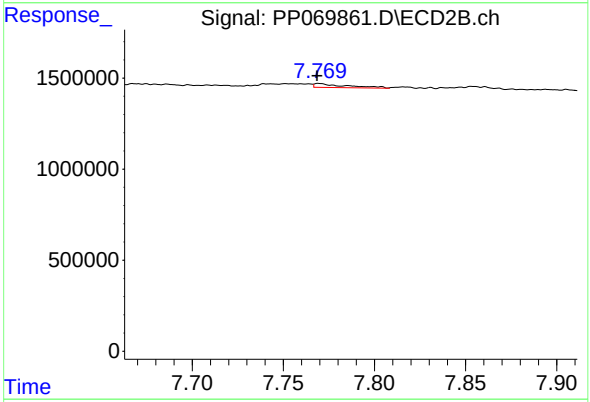
R.T.: 7.307 min
Delta R.T.: 0.064 min
Response: 281706
Conc: 4.62 ng/ml



#38 AR-1262-3

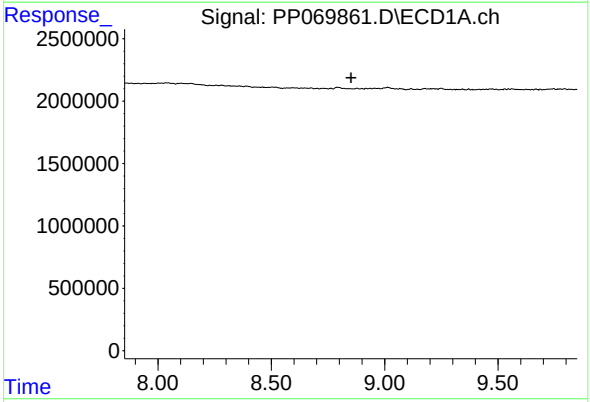
R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



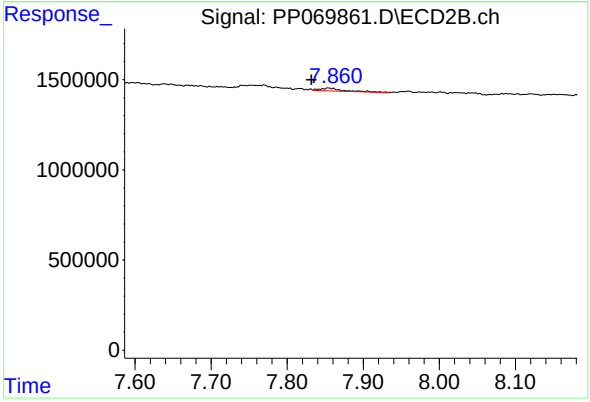
#38 AR-1262-3

R.T.: 7.770 min
Delta R.T.: 0.001 min
Response: 266244
Conc: 5.09 ng/ml



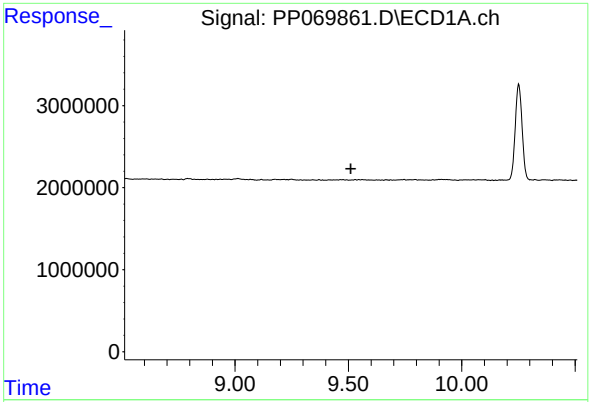
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.



#39 AR-1262-4

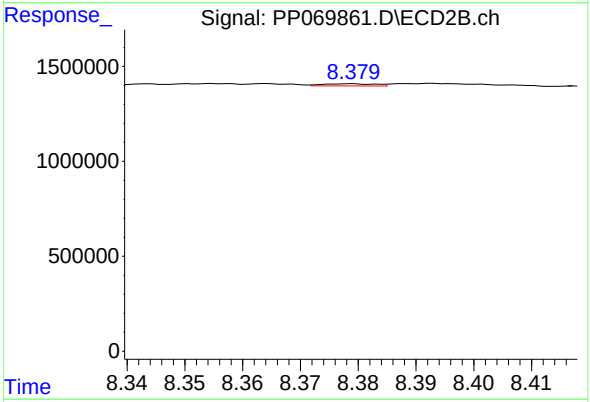
R.T.: 7.854 min
Delta R.T.: 0.022 min
Response: 324931
Conc: 3.52 ng/ml



#40 AR-1262-5

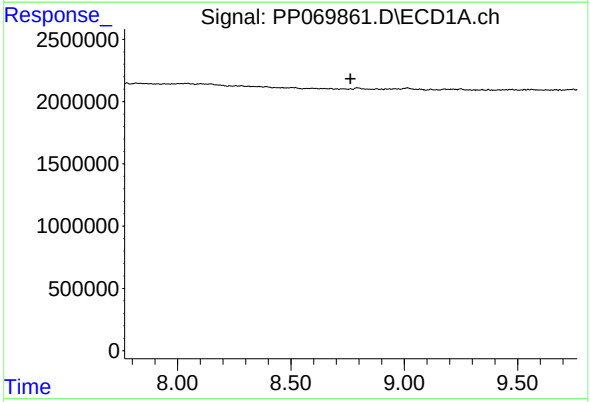
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



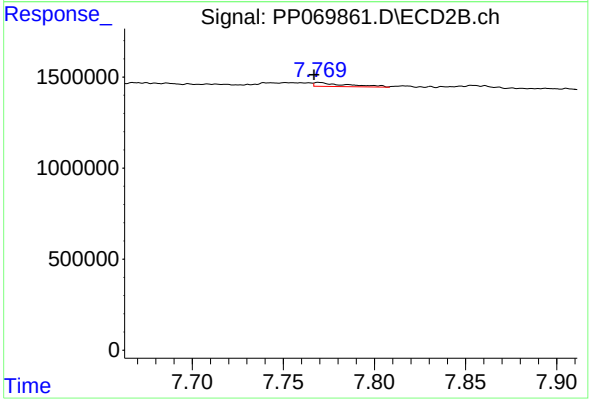
#40 AR-1262-5

R.T.: 8.378 min
Delta R.T.: 0.043 min
Response: 70940
Conc: 1.48 ng/ml



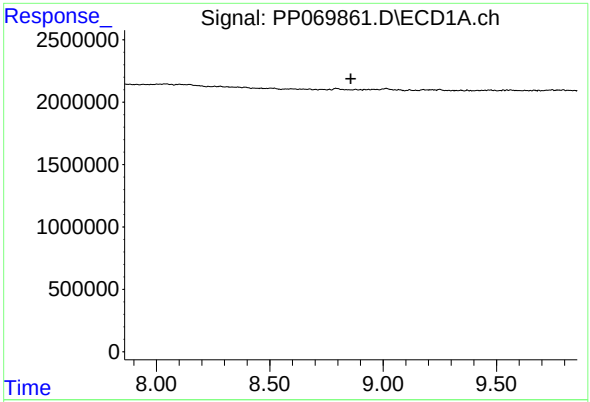
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

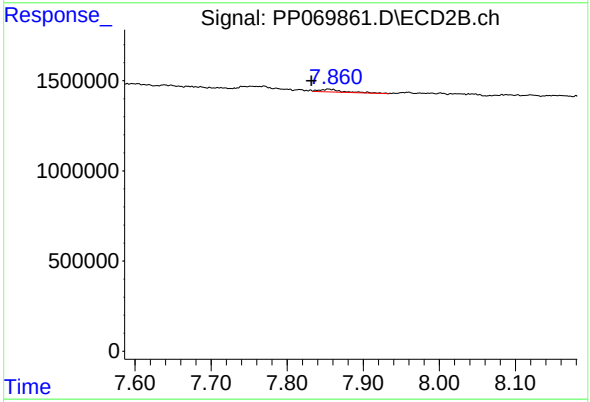
R.T.: 7.770 min
Delta R.T.: 0.003 min
Response: 266244
Conc: 1.83 ng/ml



#42 AR-1268-2

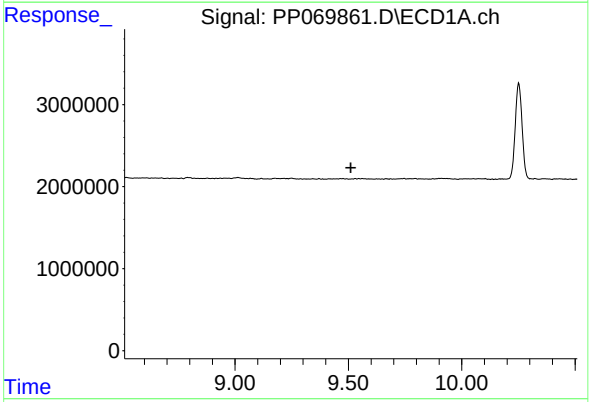
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



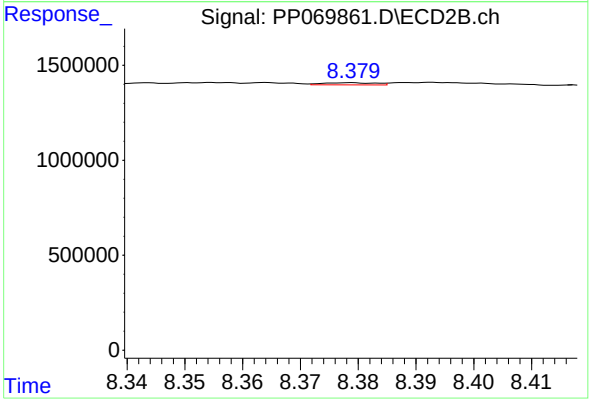
#42 AR-1268-2

R.T.: 7.854 min
Delta R.T.: 0.022 min
Response: 324931
Conc: 2.45 ng/ml



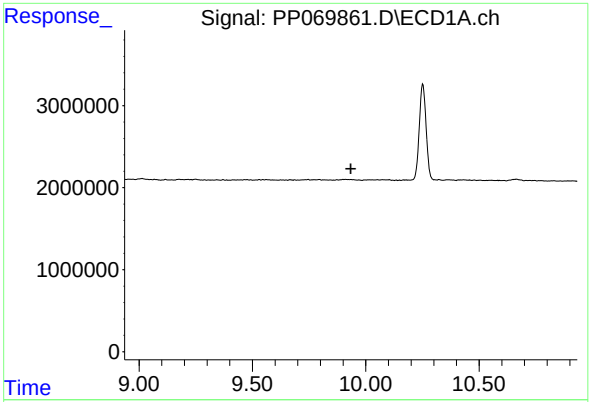
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

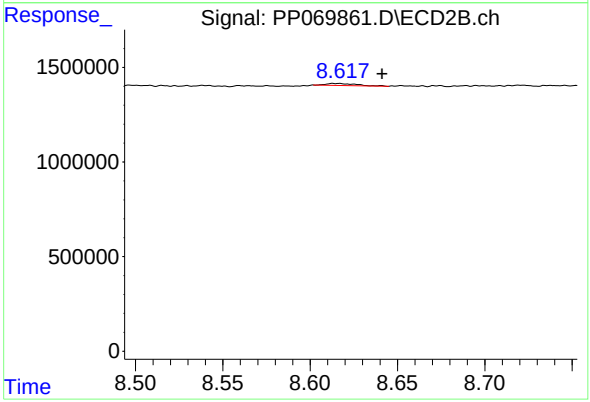
R.T.: 8.378 min
Delta R.T.: 0.044 min
Response: 70940
Conc: 1.36 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.614 min
Delta R.T.: -0.027 min
Response: 127680
Conc: 0.36 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:55
Operator : YP\AJ
Sample : PB166774BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166774BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:32:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.524	3.830	34204298	19708844	23.894	22.082
2)	SA Decachlor...	10.251	8.887	25239161	25535891	23.094	22.831
	Target Compounds						
3)	L1 AR-1016-1	0.000	4.946	0	147321	N.D.	4.517 #
4)	L1 AR-1016-2	0.000	4.946	0	147321	N.D.	3.277 #
5)	L1 AR-1016-3	0.000	5.123	0	54350	N.D.	2.184 #
6)	L1 AR-1016-4	0.000	5.166	0	22837	N.D.	1.131 #
7)	L1 AR-1016-5	0.000	5.403	0	264470	N.D.	9.859 #
8)	L2 AR-1221-1	0.000	4.063	0	31484	N.D.	2.556 #
9)	L2 AR-1221-2	4.827	4.134	475222	398983	34.707	41.203
10)	L2 AR-1221-3	0.000	4.236	0	15168	N.D.	0.520 #
11)	L3 AR-1232-1	4.827f	4.236	475222	15168	14.274	0.646 #
12)	L3 AR-1232-2	0.000	4.946	0	147321	N.D.	6.250 #
13)	L3 AR-1232-3	0.000	5.123	0	54350	N.D.	4.198 #
14)	L3 AR-1232-4	0.000	5.223	0	41930	N.D.	3.782 #
15)	L3 AR-1232-5	0.000	5.403	0	264470	N.D.	21.660 #
16)	L4 AR-1242-1	0.000	4.946	0	147321	N.D.	5.110 #
17)	L4 AR-1242-2	0.000	4.946	0	147321	N.D.	3.739 #
18)	L4 AR-1242-3	0.000	5.123	0	54350	N.D.	2.415 #
19)	L4 AR-1242-4	0.000	5.223	0	41930	N.D.	1.943 #
20)	L4 AR-1242-5	0.000	5.733	0	238509	N.D.	8.291 #
21)	L5 AR-1248-1	0.000	4.946	0	147321	N.D.	6.693 #
22)	L5 AR-1248-2	0.000	5.166	0	22837	N.D.	0.760 #
23)	L5 AR-1248-3	0.000	5.223	0	41930	N.D.	1.353 #
24)	L5 AR-1248-4	0.000	5.403	0	264470	N.D.	7.159 #
25)	L5 AR-1248-5	0.000	5.764	0	471093	N.D.	12.600 #
26)	L6 AR-1254-1	0.000	5.733	0	238509	N.D.	4.332 #
27)	L6 AR-1254-2	0.000	5.880	0	477506	N.D.	9.872 #
28)	L6 AR-1254-3	0.000	6.292	0	1147432	N.D.	15.118 #
29)	L6 AR-1254-4	7.469f	6.580f	1120841	281424	16.438	5.491 #
32)	L7 AR-1260-2	0.000	6.597	0	415408	N.D.	6.776 #
33)	L7 AR-1260-3	0.000	6.756	0	616835	N.D.	10.254 #
35)	L7 AR-1260-5	0.000	7.418f	0	43258	N.D.	0.389 #
40)	L8 AR-1262-5	0.000	8.323	0	39167	N.D.	0.820 #
44)	L9 AR-1268-4	0.000	8.323	0	39167	N.D.	0.752 #
45)	L9 AR-1268-5	0.000	8.625	0	121392	N.D.	0.341 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

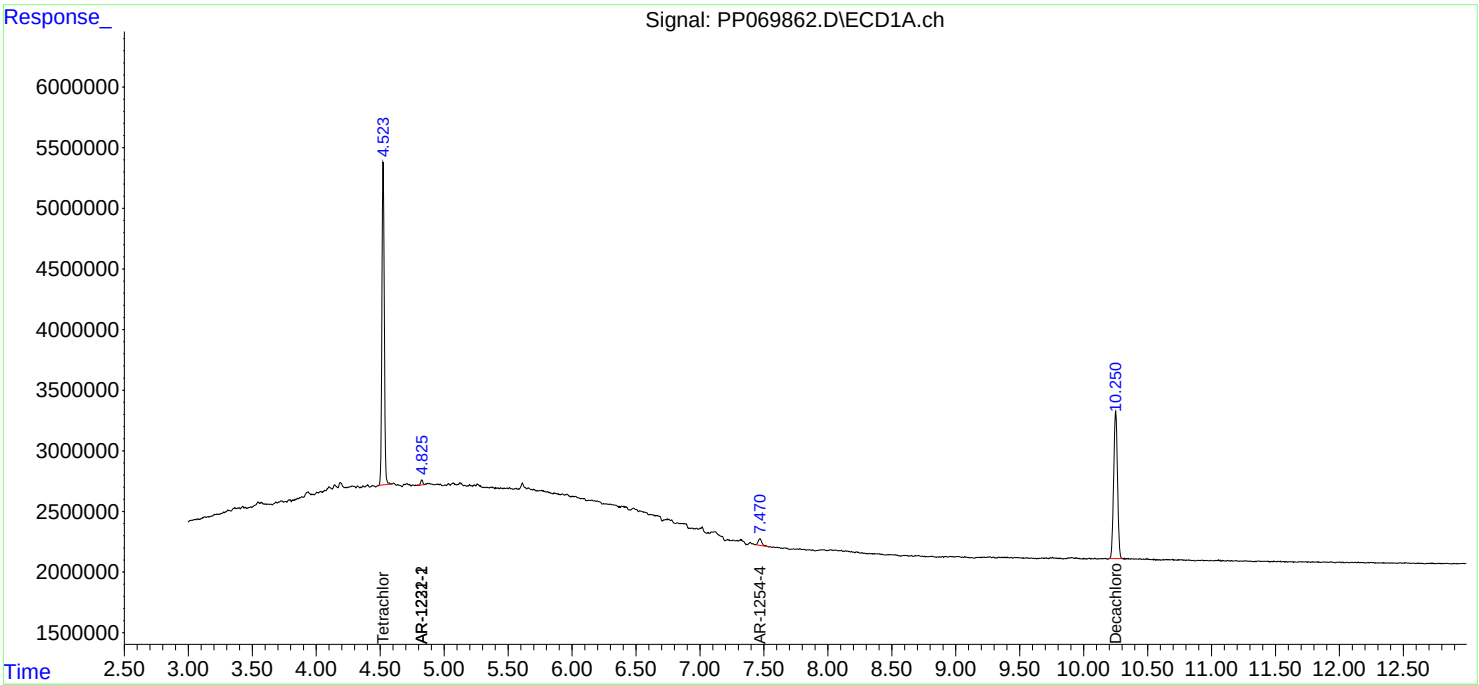
Quantitation Report (Not Reviewed)

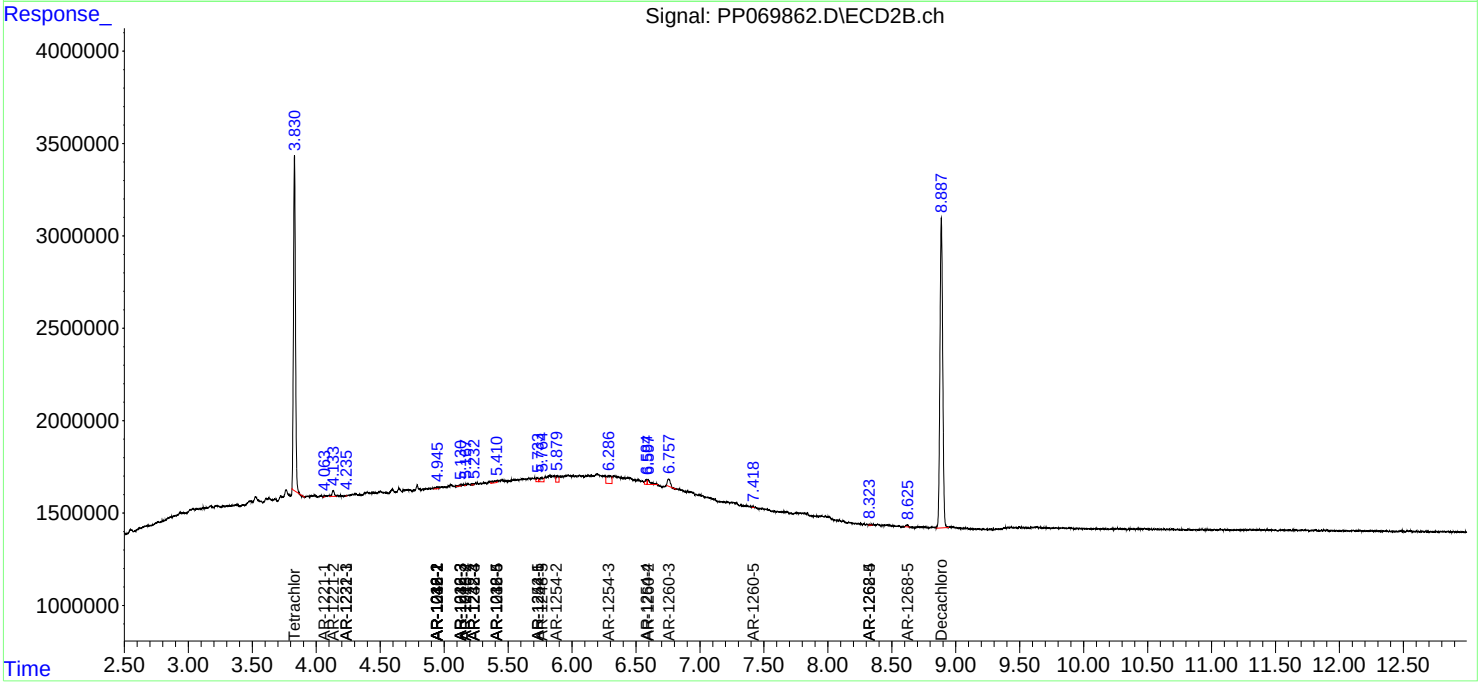
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 21:55
Operator : YP\AJ
Sample : PB166774BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

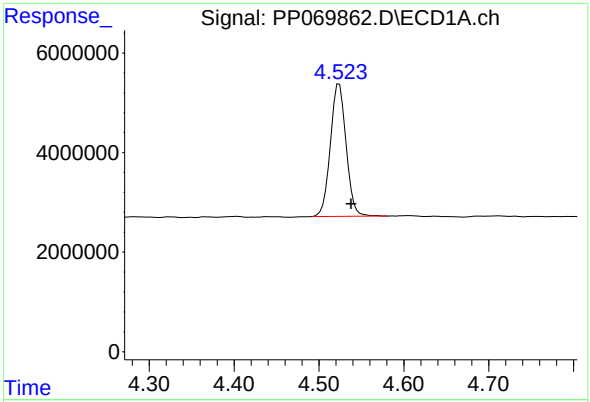
Instrument :
ECD_P
ClientSampleId :
PB166774BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:32:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



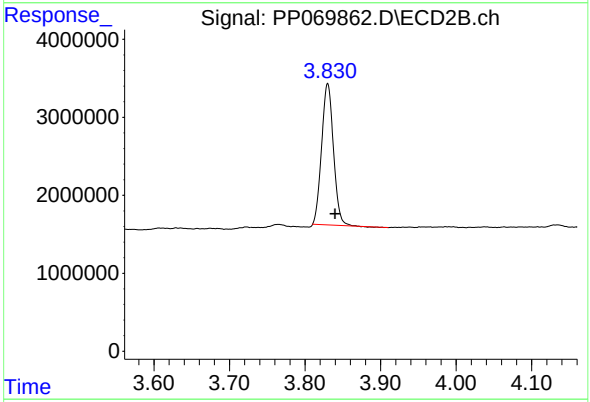




#1 Tetrachloro-m-xylene

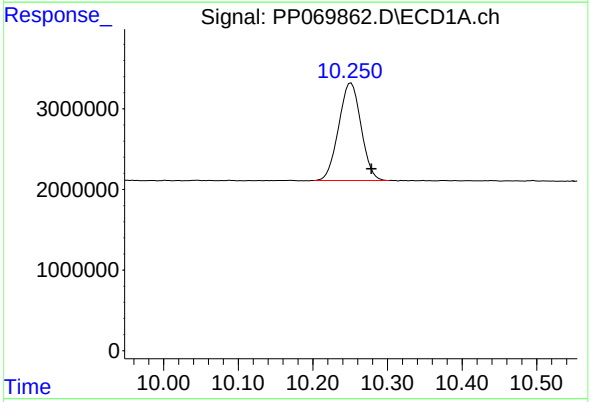
R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 34204298
Conc: 23.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BL



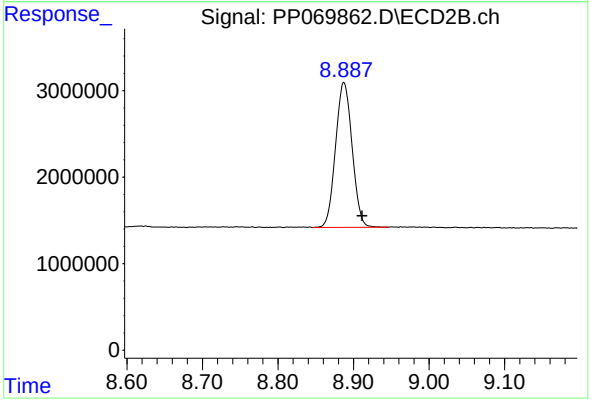
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 19708844
Conc: 22.08 ng/ml



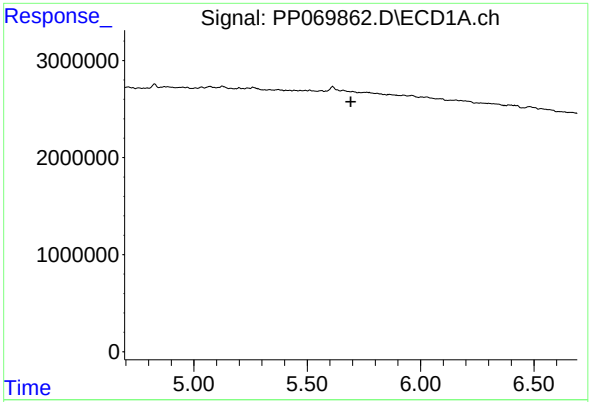
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.027 min
Response: 25239161
Conc: 23.09 ng/ml



#2 Decachlorobiphenyl

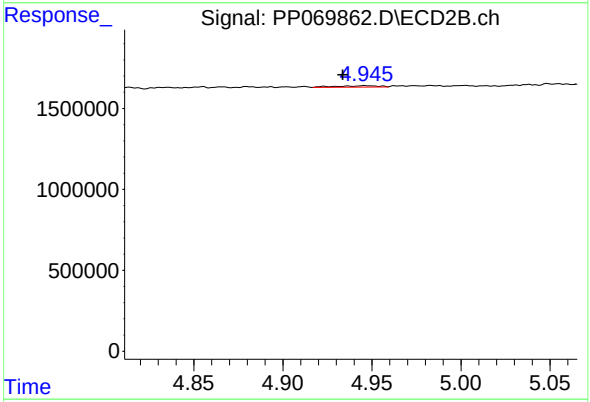
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 25535891
Conc: 22.83 ng/ml



#3 AR-1016-1

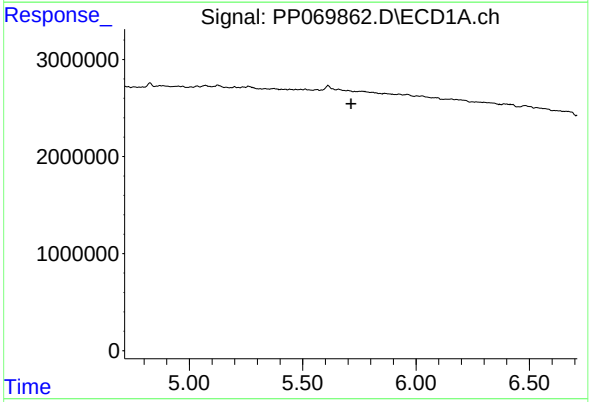
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166774BL



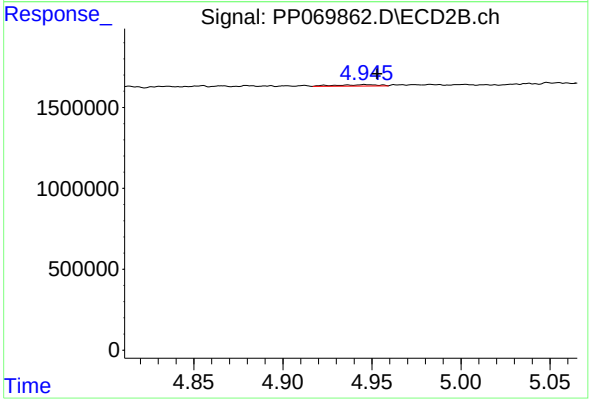
#3 AR-1016-1

R.T.: 4.946 min
Delta R.T.: 0.013 min
Response: 147321
Conc: 4.52 ng/ml



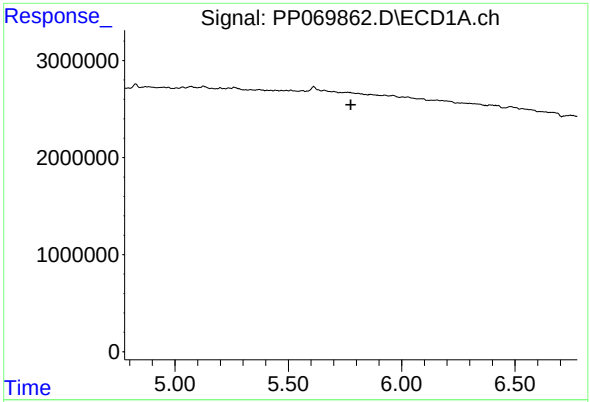
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

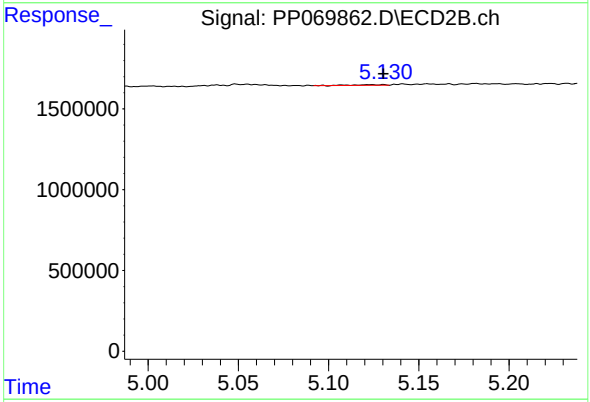
R.T.: 4.946 min
Delta R.T.: -0.007 min
Response: 147321
Conc: 3.28 ng/ml



#5 AR-1016-3

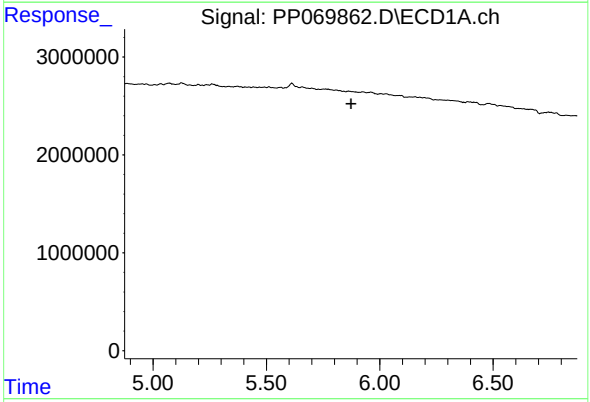
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166774BL



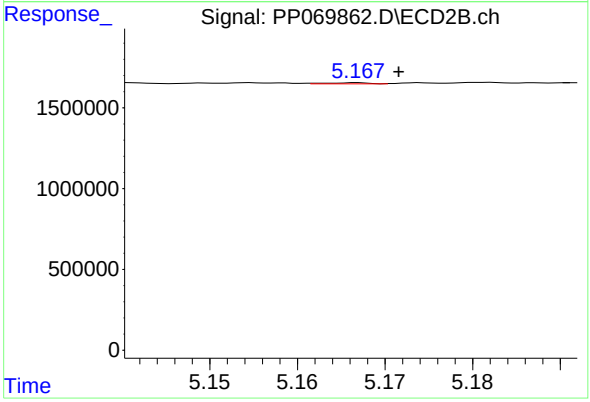
#5 AR-1016-3

R.T.: 5.123 min
Delta R.T.: -0.007 min
Response: 54350
Conc: 2.18 ng/ml



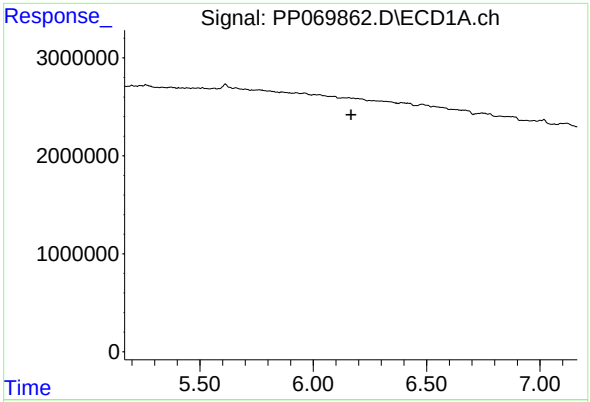
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

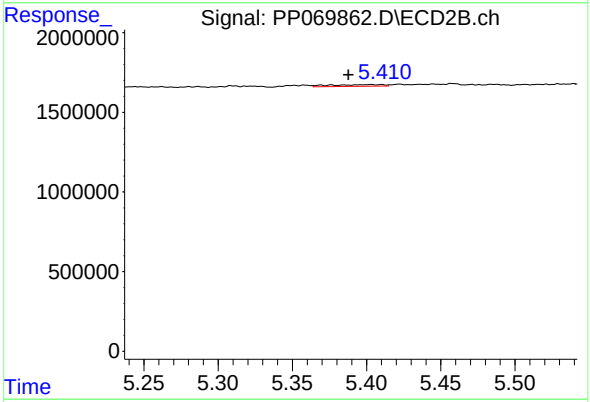
R.T.: 5.166 min
Delta R.T.: -0.005 min
Response: 22837
Conc: 1.13 ng/ml



#7 AR-1016-5

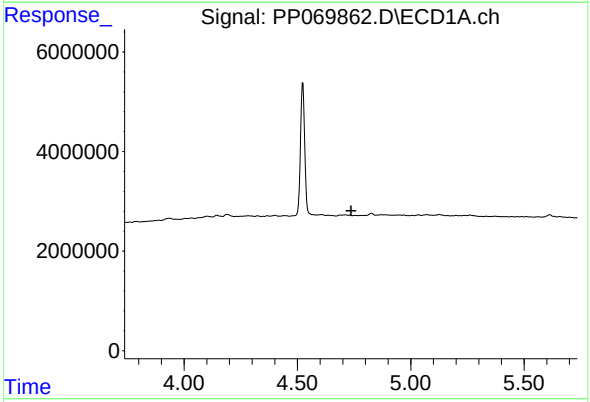
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166774BL



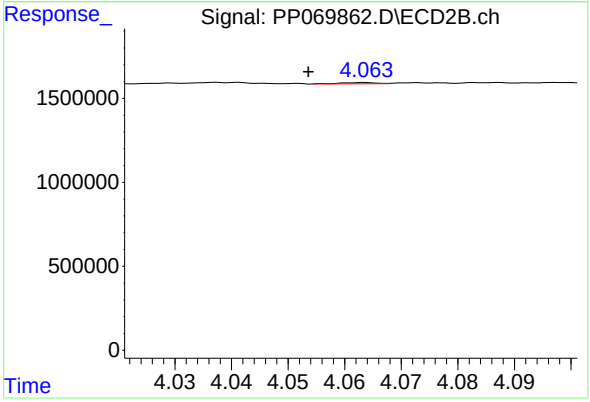
#7 AR-1016-5

R.T.: 5.403 min
Delta R.T.: 0.015 min
Response: 264470
Conc: 9.86 ng/ml



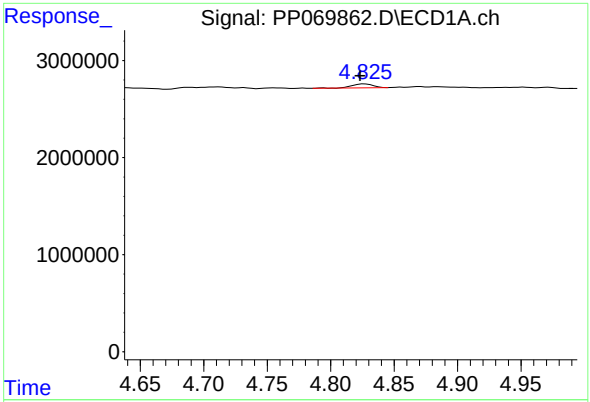
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

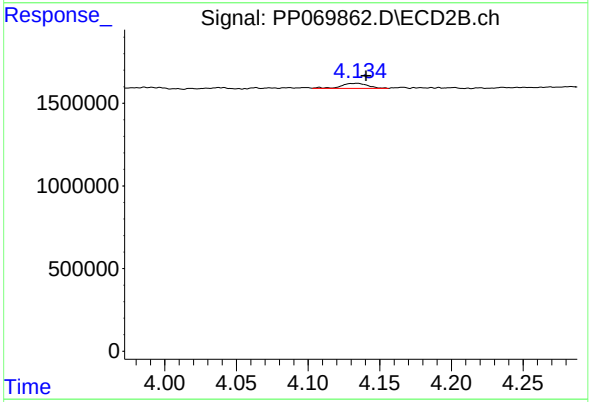
R.T.: 4.063 min
Delta R.T.: 0.010 min
Response: 31484
Conc: 2.56 ng/ml



#9 AR-1221-2

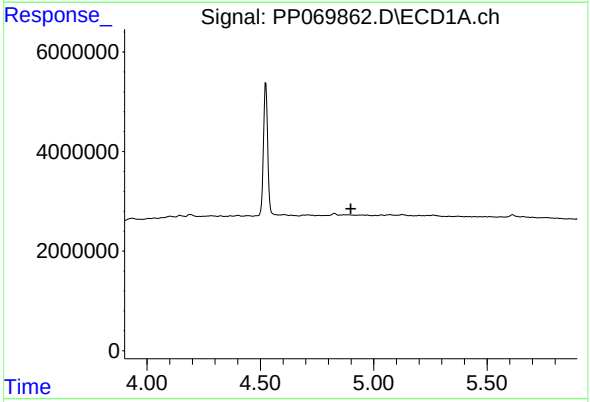
R.T.: 4.827 min
Delta R.T.: 0.004 min
Response: 475222
Conc: 34.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BL



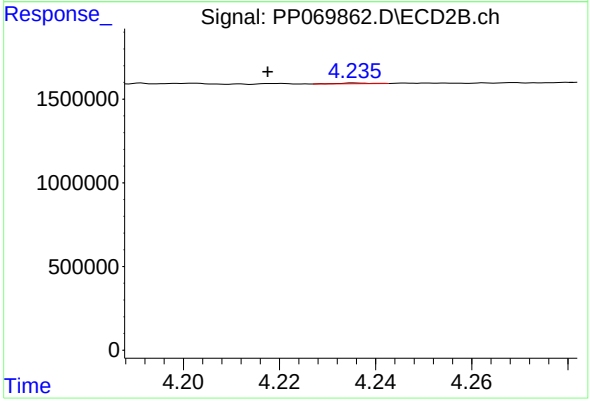
#9 AR-1221-2

R.T.: 4.134 min
Delta R.T.: -0.006 min
Response: 398983
Conc: 41.20 ng/ml



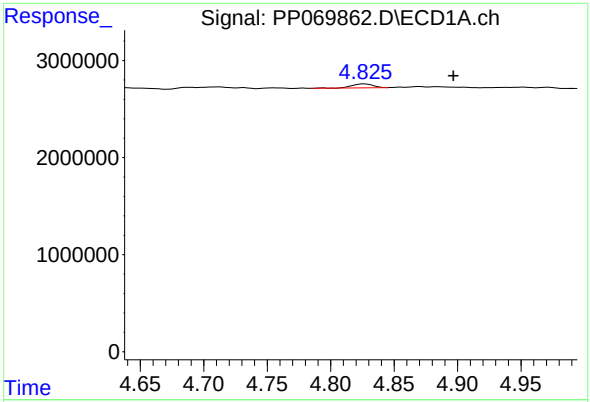
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

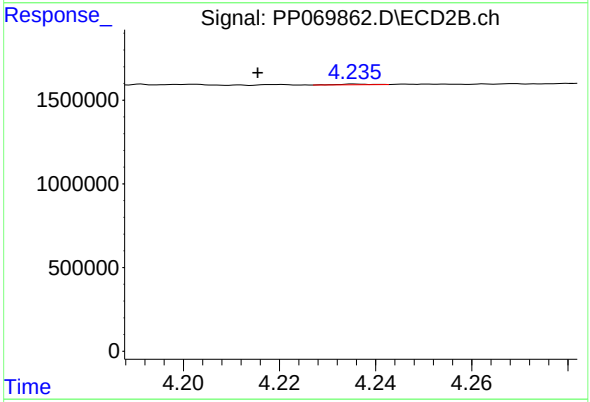
R.T.: 4.236 min
Delta R.T.: 0.018 min
Response: 15168
Conc: 0.52 ng/ml



#11 AR-1232-1

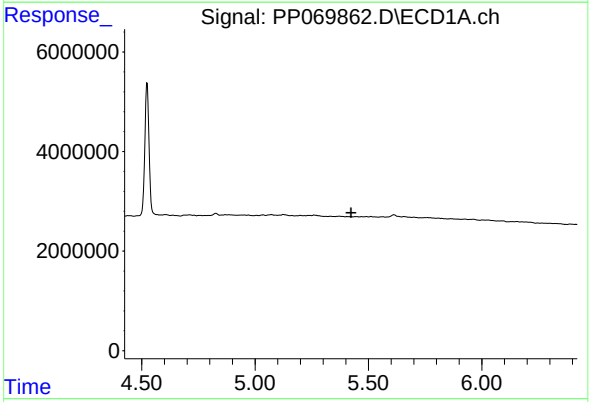
R.T.: 4.827 min
Delta R.T.: -0.070 min
Response: 475222
Conc: 14.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BL



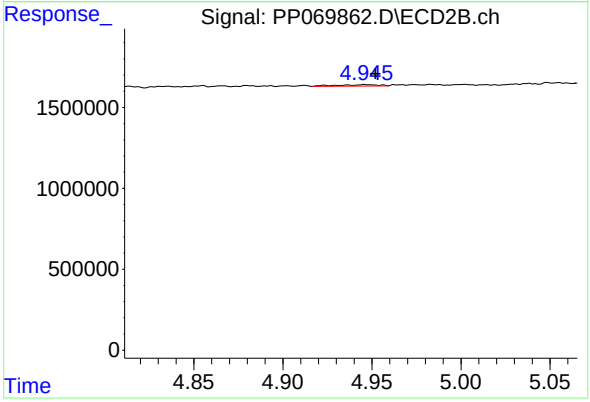
#11 AR-1232-1

R.T.: 4.236 min
Delta R.T.: 0.020 min
Response: 15168
Conc: 0.65 ng/ml



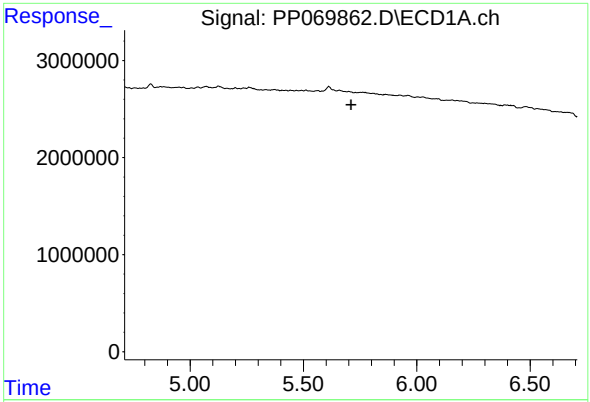
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

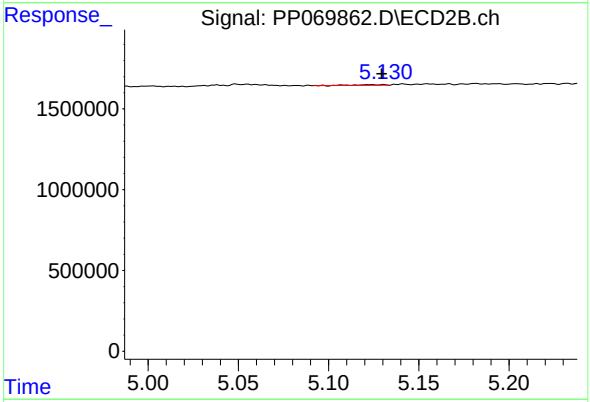
R.T.: 4.946 min
Delta R.T.: -0.006 min
Response: 147321
Conc: 6.25 ng/ml



#13 AR-1232-3

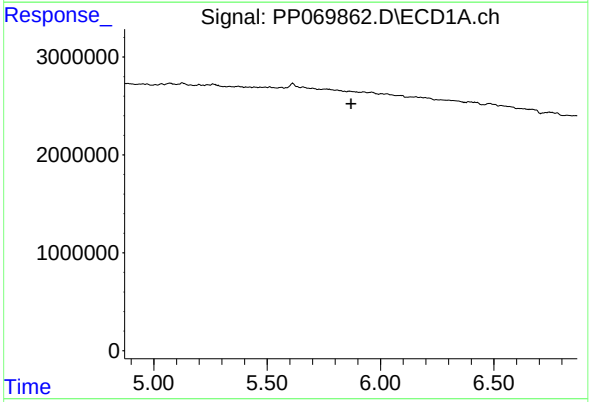
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166774BL



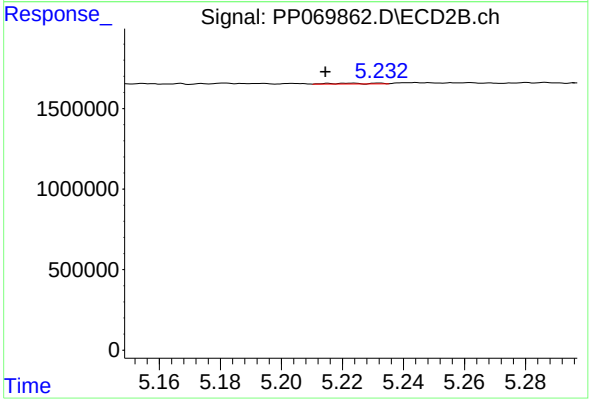
#13 AR-1232-3

R.T.: 5.123 min
Delta R.T.: -0.006 min
Response: 54350
Conc: 4.20 ng/ml



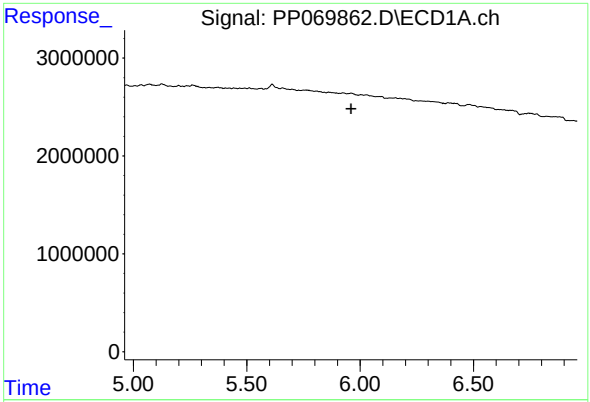
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

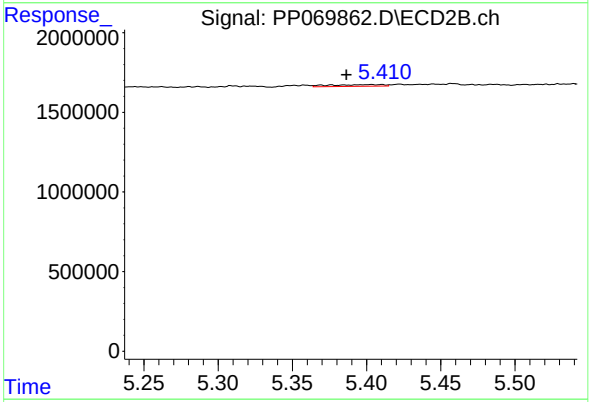
R.T.: 5.223 min
Delta R.T.: 0.008 min
Response: 41930
Conc: 3.78 ng/ml



#15 AR-1232-5

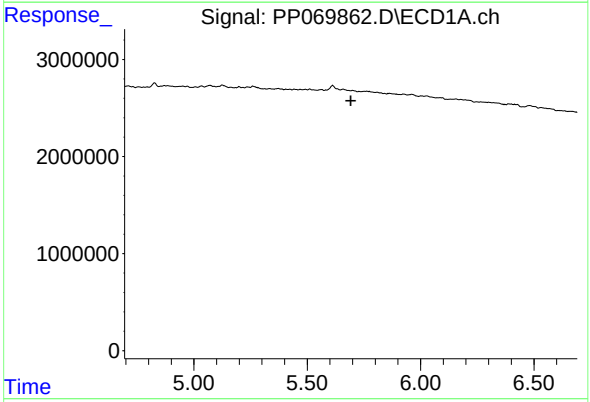
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166774BL



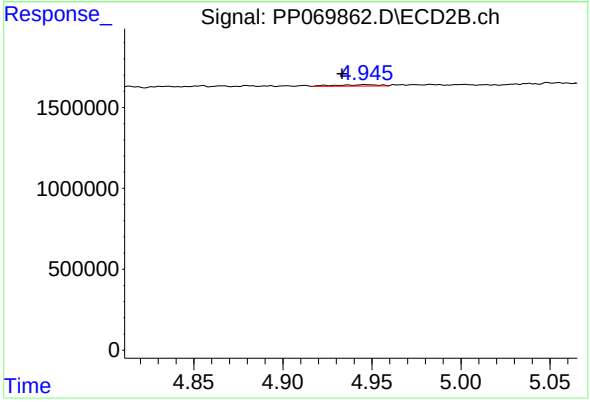
#15 AR-1232-5

R.T.: 5.403 min
Delta R.T.: 0.016 min
Response: 264470
Conc: 21.66 ng/ml



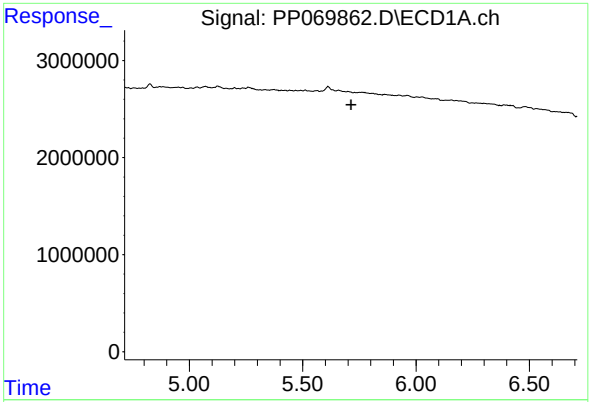
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

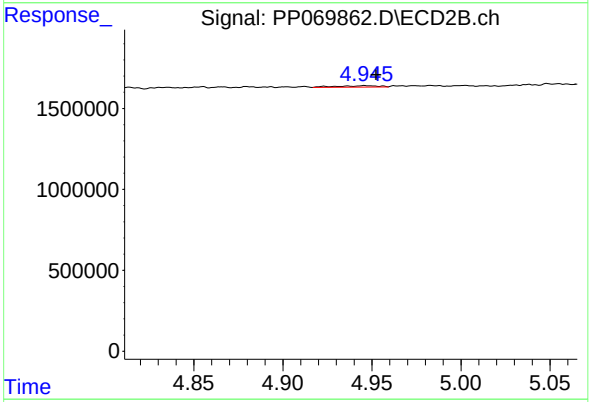
R.T.: 4.946 min
Delta R.T.: 0.013 min
Response: 147321
Conc: 5.11 ng/ml



#17 AR-1242-2

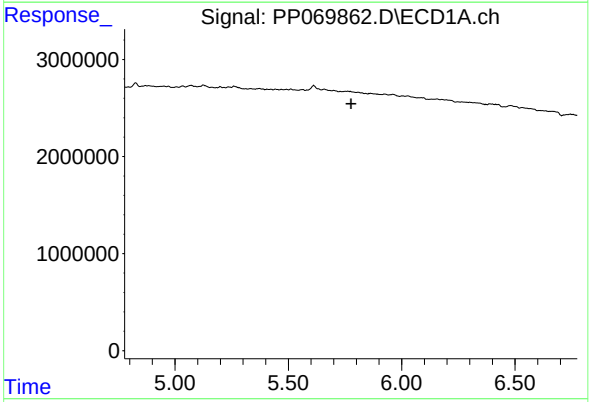
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166774BL



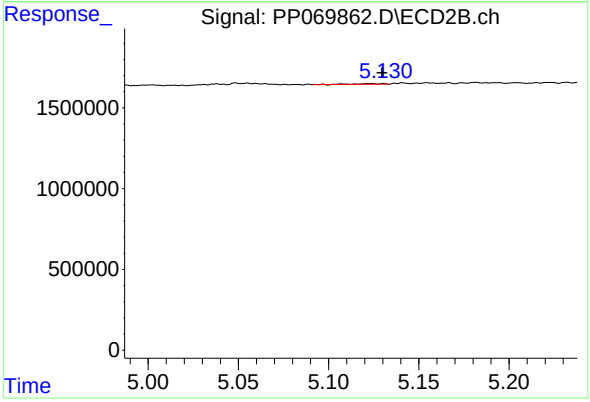
#17 AR-1242-2

R.T.: 4.946 min
Delta R.T.: -0.006 min
Response: 147321
Conc: 3.74 ng/ml



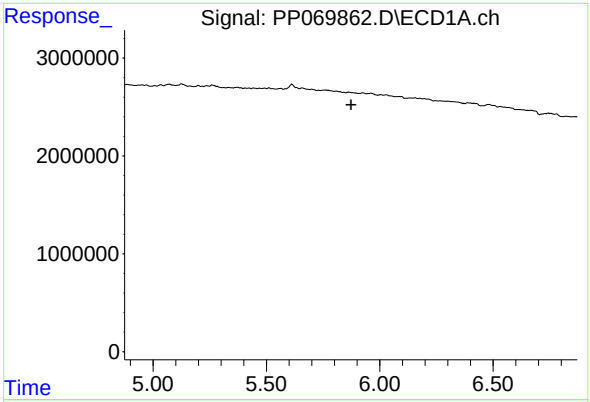
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

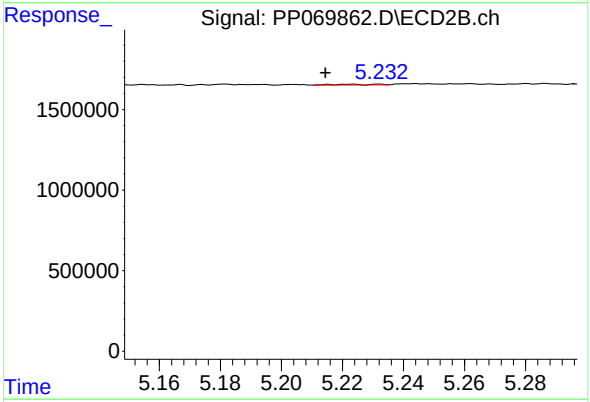
R.T.: 5.123 min
Delta R.T.: -0.006 min
Response: 54350
Conc: 2.42 ng/ml



#19 AR-1242-4

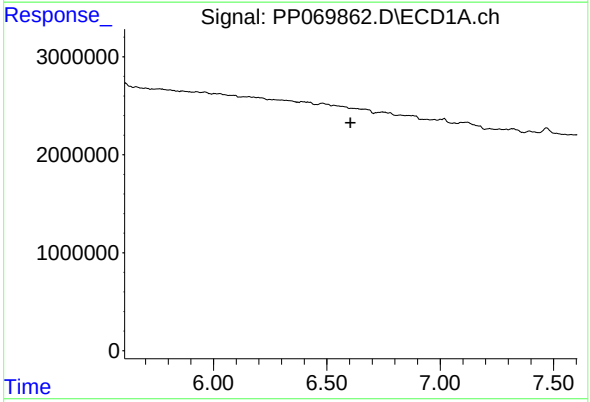
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166774BL



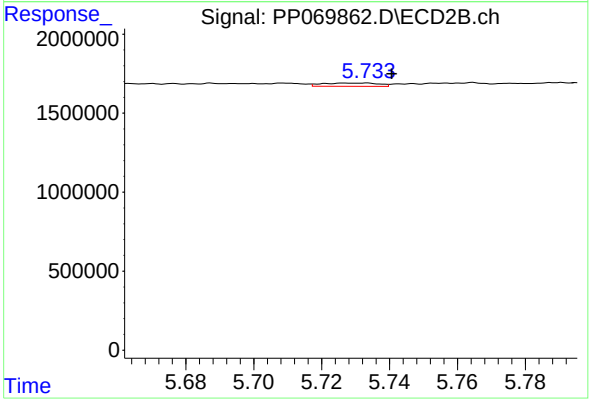
#19 AR-1242-4

R.T.: 5.223 min
Delta R.T.: 0.008 min
Response: 41930
Conc: 1.94 ng/ml



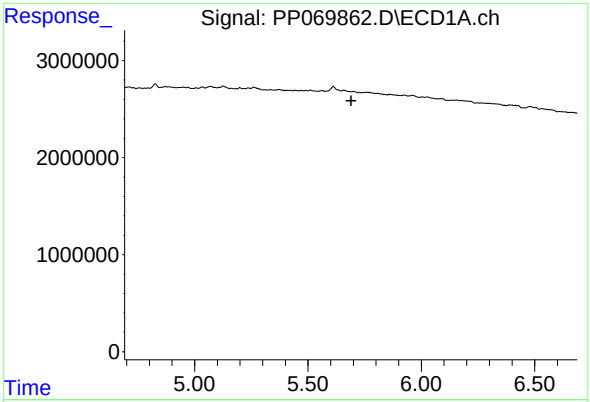
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

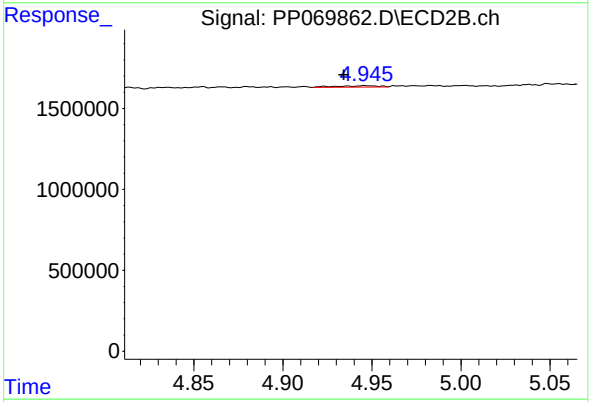
R.T.: 5.733 min
Delta R.T.: -0.008 min
Response: 238509
Conc: 8.29 ng/ml



#21 AR-1248-1

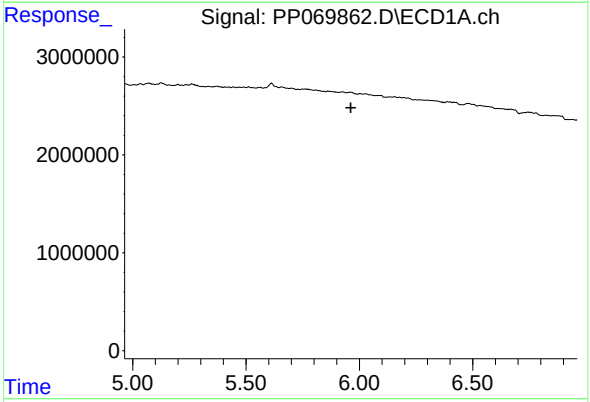
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166774BL



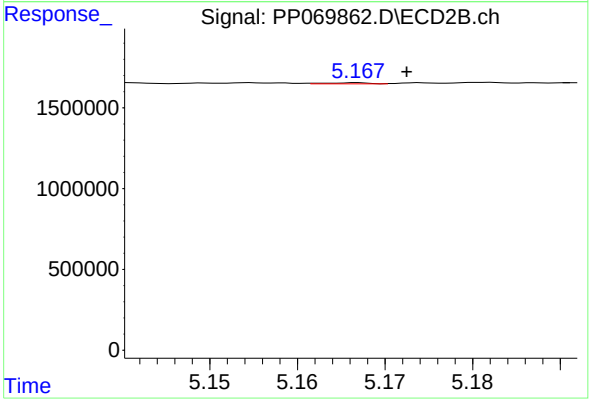
#21 AR-1248-1

R.T.: 4.946 min
Delta R.T.: 0.012 min
Response: 147321
Conc: 6.69 ng/ml



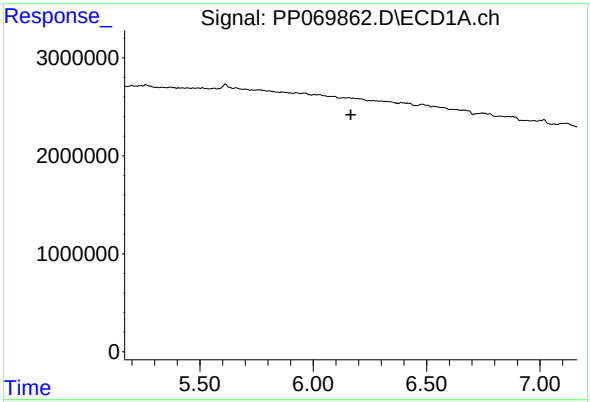
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

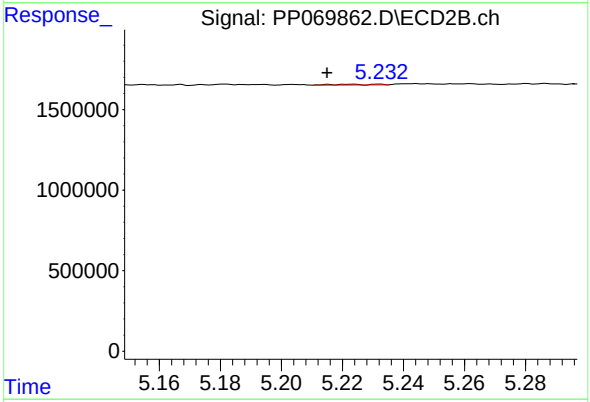
R.T.: 5.166 min
Delta R.T.: -0.006 min
Response: 22837
Conc: 0.76 ng/ml



#23 AR-1248-3

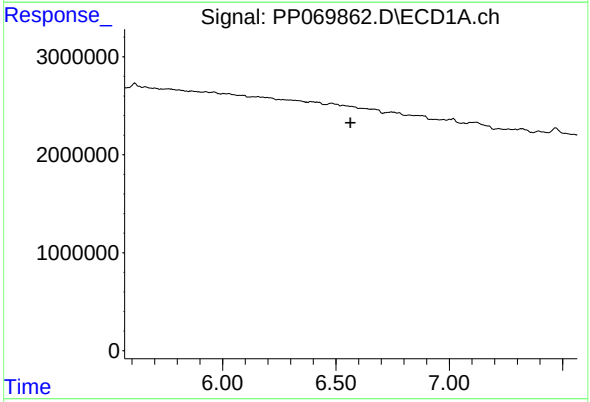
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166774BL



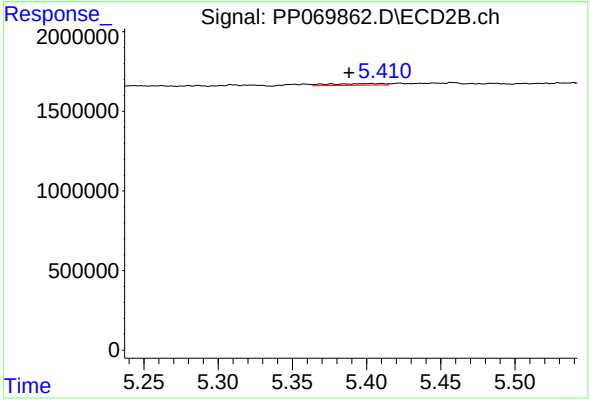
#23 AR-1248-3

R.T.: 5.223 min
Delta R.T.: 0.008 min
Response: 41930
Conc: 1.35 ng/ml



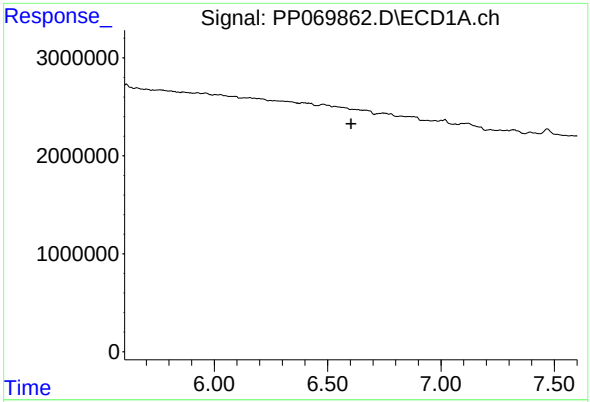
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



#24 AR-1248-4

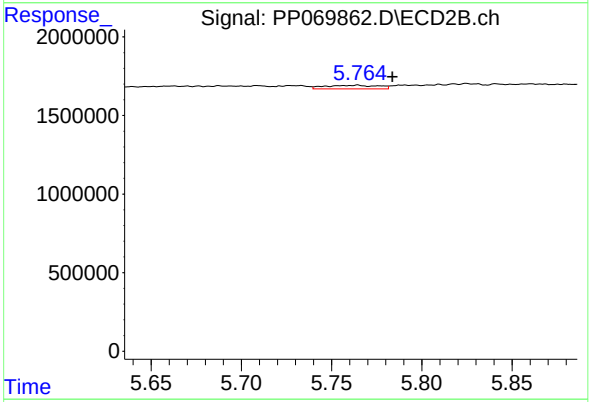
R.T.: 5.403 min
Delta R.T.: 0.015 min
Response: 264470
Conc: 7.16 ng/ml



#25 AR-1248-5

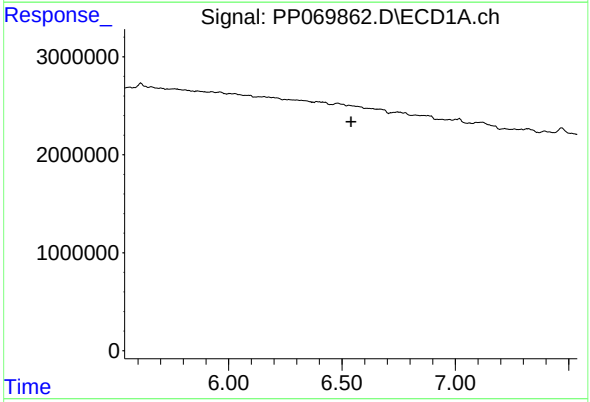
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166774BL



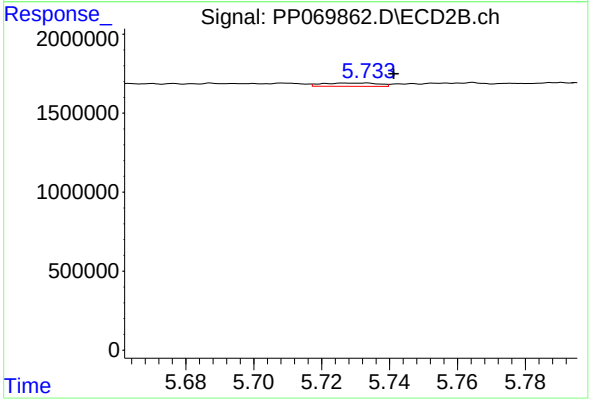
#25 AR-1248-5

R.T.: 5.764 min
Delta R.T.: -0.019 min
Response: 471093
Conc: 12.60 ng/ml



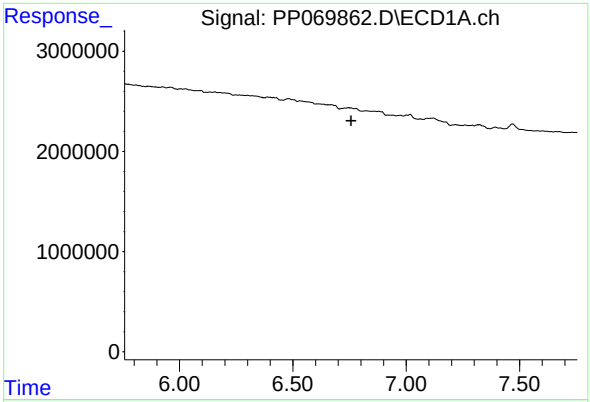
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.541 min
Response: 0
Conc: N.D.



#26 AR-1254-1

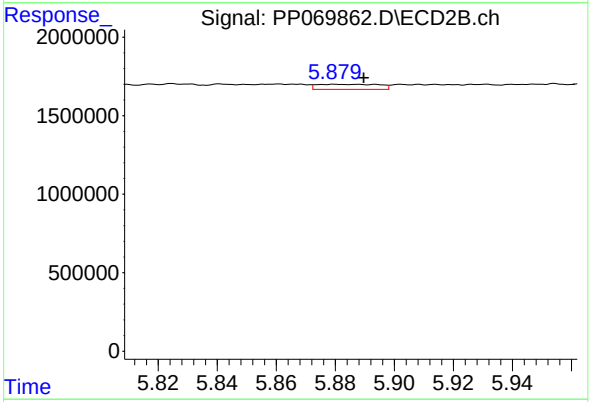
R.T.: 5.733 min
Delta R.T.: -0.009 min
Response: 238509
Conc: 4.33 ng/ml



#27 AR-1254-2

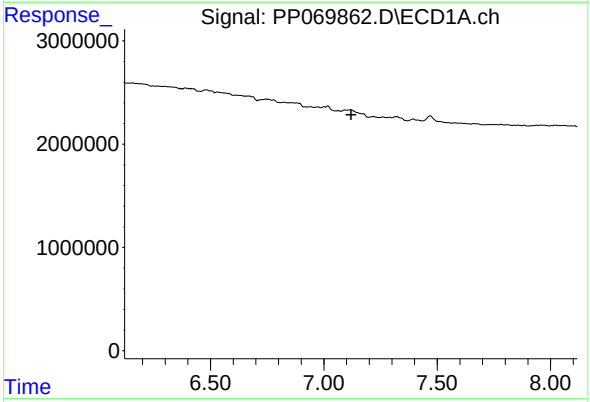
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166774BL



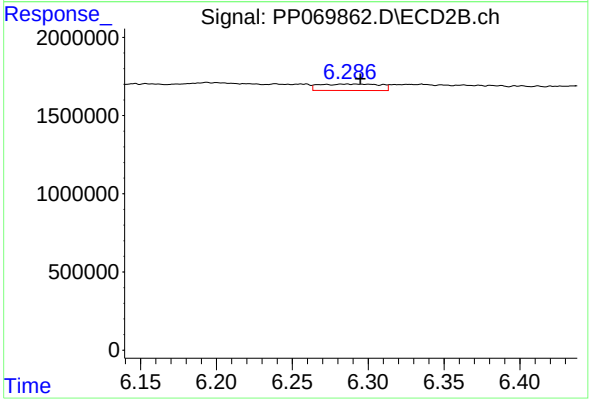
#27 AR-1254-2

R.T.: 5.880 min
Delta R.T.: -0.010 min
Response: 477506
Conc: 9.87 ng/ml



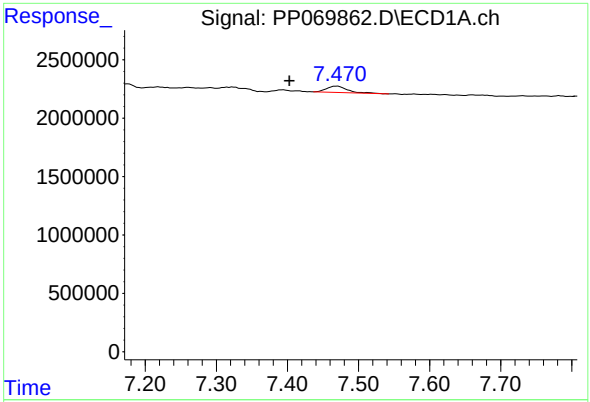
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.120 min
Response: 0
Conc: N.D.



#28 AR-1254-3

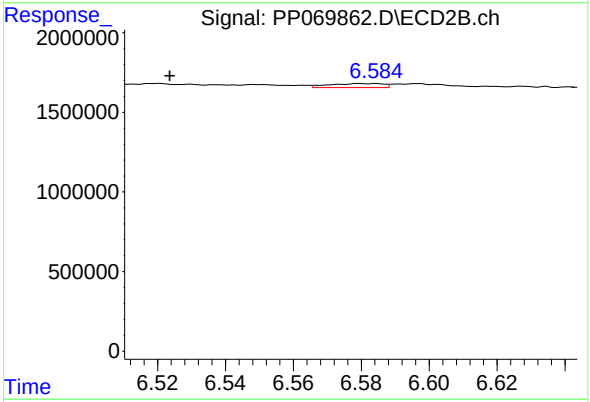
R.T.: 6.292 min
Delta R.T.: -0.003 min
Response: 1147432
Conc: 15.12 ng/ml



#29 AR-1254-4

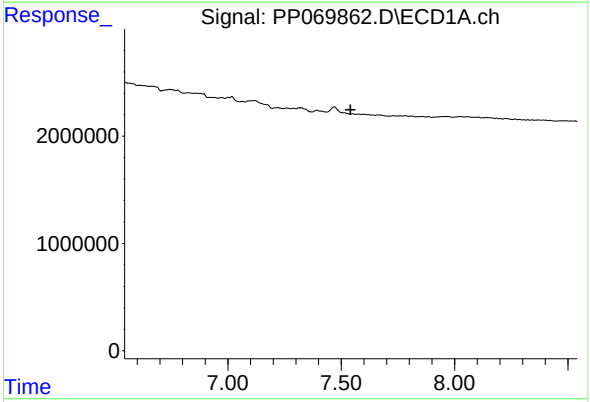
R.T.: 7.469 min
Delta R.T.: 0.067 min
Response: 1120841
Conc: 16.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BL



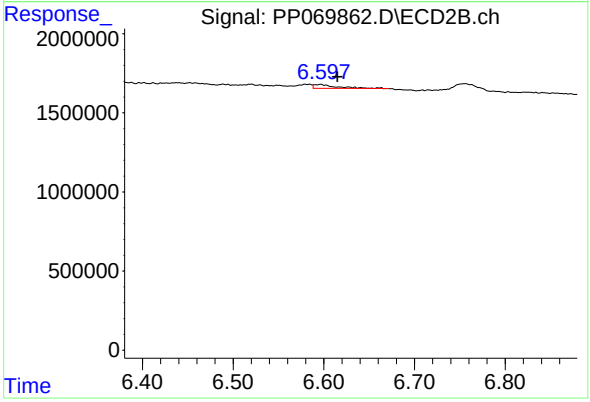
#29 AR-1254-4

R.T.: 6.580 min
Delta R.T.: 0.056 min
Response: 281424
Conc: 5.49 ng/ml



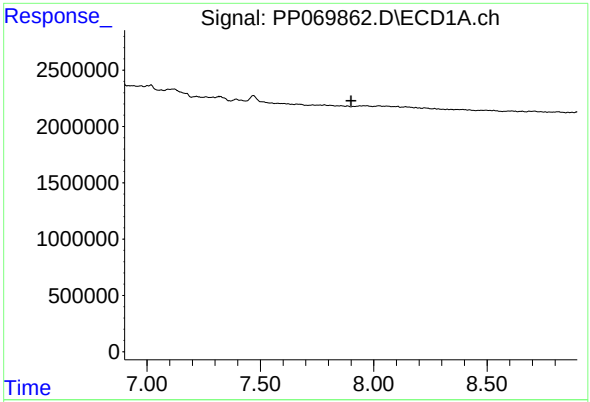
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#32 AR-1260-2

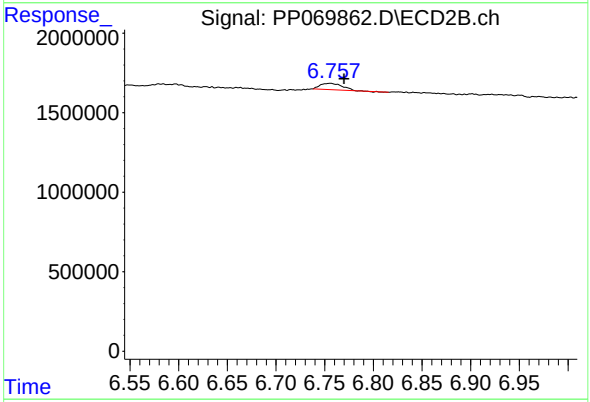
R.T.: 6.597 min
Delta R.T.: -0.018 min
Response: 415408
Conc: 6.78 ng/ml



#33 AR-1260-3

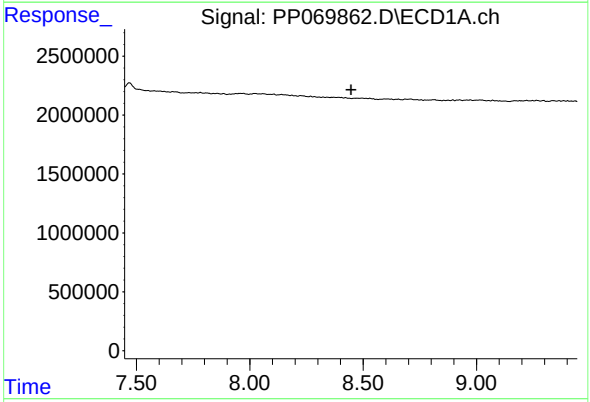
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166774BL



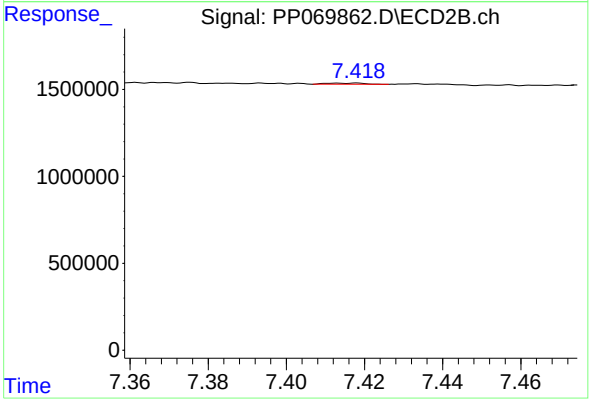
#33 AR-1260-3

R.T.: 6.756 min
Delta R.T.: -0.014 min
Response: 616835
Conc: 10.25 ng/ml



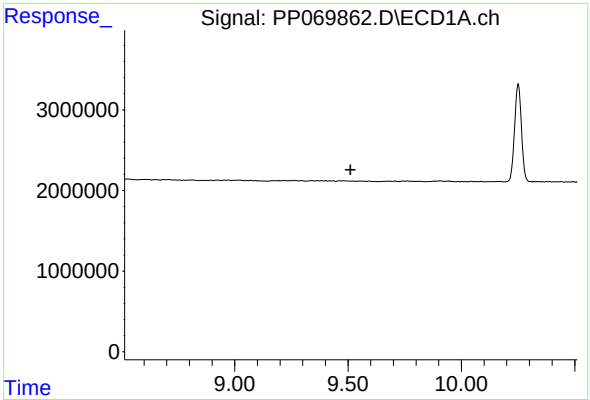
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.447 min
Response: 0
Conc: N.D.



#35 AR-1260-5

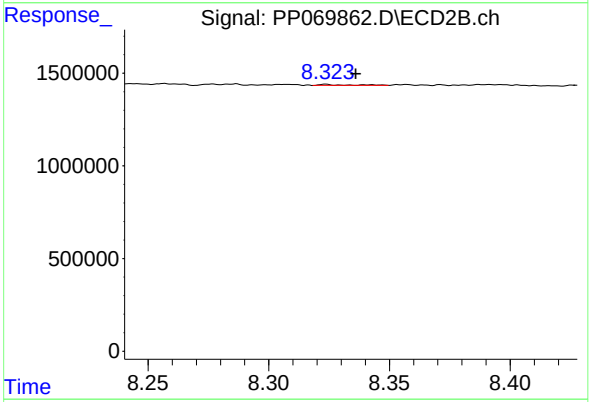
R.T.: 7.418 min
Delta R.T.: -0.066 min
Response: 43258
Conc: 0.39 ng/ml



#40 AR-1262-5

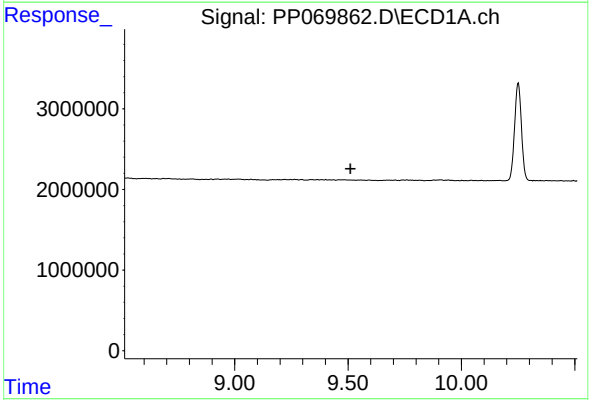
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166774BL



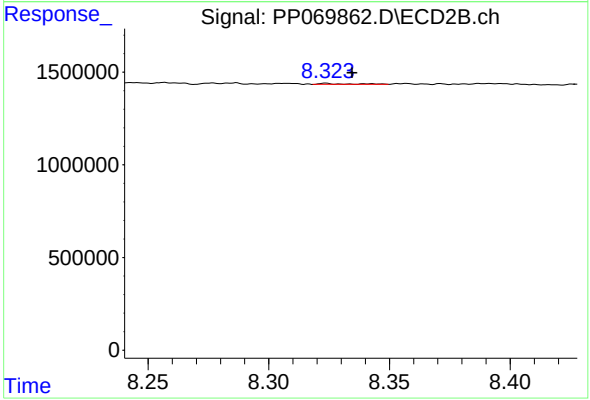
#40 AR-1262-5

R.T.: 8.323 min
Delta R.T.: -0.013 min
Response: 39167
Conc: 0.82 ng/ml



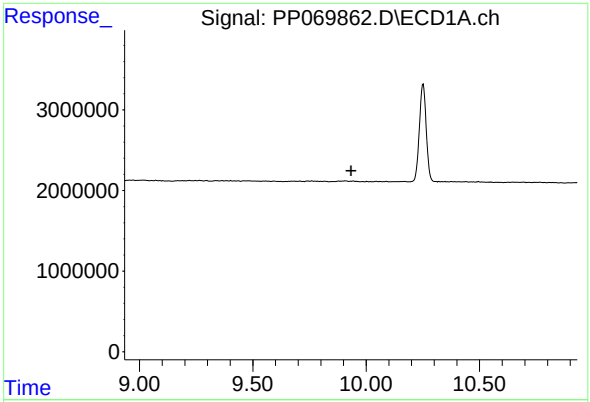
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

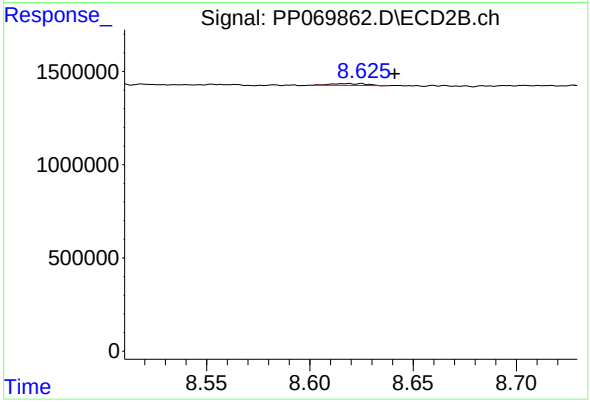
R.T.: 8.323 min
Delta R.T.: -0.011 min
Response: 39167
Conc: 0.75 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PB166774BL



#45 AR-1268-5

R.T.: 8.625 min
Delta R.T.: -0.016 min
Response: 121392
Conc: 0.34 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 22:11
Operator : YP\AJ
Sample : PB166774BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166774BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:33:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.524	3.830	35329935	20770076	24.681	23.271	
2)	SA Decachlor...	10.250	8.888	27654805	26715342	25.304	23.885	
	Target Compounds							
3)	L1 AR-1016-1	5.698	4.939	33575023	20393971	724.646	625.294	
4)	L1 AR-1016-2	5.698	4.939	33575023	20393971	494.644	453.618	
5)	L1 AR-1016-3	5.761	5.117	20116220	11550075	472.249	464.157	
6)	L1 AR-1016-4	5.858	5.158	16935542	9156400	483.866	453.371	
7)	L1 AR-1016-5	6.151	5.374	12662668	11741722	383.038	437.734	
8)	L2 AR-1221-1	4.720	4.041	2125967	1546092	111.778	125.515	
9)	L2 AR-1221-2	4.811	4.129	3013982	2036032	220.119	210.261	
10)	L2 AR-1221-3	4.886	4.205	11840874	8288881	282.306	284.117	
11)	L3 AR-1232-1	4.886	4.205	11840874	8288881	355.650	353.026	
12)	L3 AR-1232-2	5.412	4.939	15764831	20393971	964.681	865.186	
13)	L3 AR-1232-3	5.698	5.117	33575023	11550075	977.184	892.088	
14)	L3 AR-1232-4	5.858	5.201	16935542	11022544	950.570	994.248	
15)	L3 AR-1232-5	5.948	5.374	13907791	11741722	1213.338	961.623	
16)	L4 AR-1242-1	5.698	4.939	33575023	20393971	805.055	707.337	
17)	L4 AR-1242-2	5.698	4.939	33575023	20393971	569.156	517.643	
18)	L4 AR-1242-3	5.761	5.117	20116220	11550075	542.236	513.244	
19)	L4 AR-1242-4	5.858	5.201	16935542	11022544	516.412	510.723	
20)	L4 AR-1242-5	6.589	5.727	3017624	9839440	92.610	342.023	#
21)	L5 AR-1248-1	5.698	4.939	33575023	20393971	1035.018	926.554	
22)	L5 AR-1248-2	5.948	5.158	13907791	9156400	327.655	304.558	
23)	L5 AR-1248-3	6.151	5.201	12662668	11022544	269.492	355.746	#
24)	L5 AR-1248-4	6.589	5.374	3017624	11741722	54.745	317.827	#
25)	L5 AR-1248-5	6.589	5.768	3017624	1701533	56.527	45.508	
26)	L6 AR-1254-1	6.526	5.727	14826061	9839440	256.224	178.718	#
27)	L6 AR-1254-2	6.742	5.875	14443853	10316519	180.004	213.289	
28)	L6 AR-1254-3	7.106	6.296	7267258	18396822	86.219	242.395	#
29)	L6 AR-1254-4	7.389	6.509	5025376	2458346	73.699	47.968	#
30)	L6 AR-1254-5	7.804	6.927	45843233	31897901	673.708	479.232	#
31)	L7 AR-1260-1	7.271	6.412	28340087	24022046	484.974	498.078	
32)	L7 AR-1260-2	7.524	6.599	36465138	30469913	468.626	497.032	
33)	L7 AR-1260-3	7.883	6.753	25110721	18381324	401.648	305.559	
34)	L7 AR-1260-4	8.107	7.226	27405456	19368864	415.380	416.824	
35)	L7 AR-1260-5	8.427	7.466	54755742	47572584	418.219	428.022	
36)	L8 AR-1262-1	8.107	6.966	27405456	22754445	346.824	320.426	
37)	L8 AR-1262-2	8.427	7.226	54755742	19368864	358.060	317.629	
38)	L8 AR-1262-3	8.752	7.751	34675651	10769755	326.268	205.926	#
39)	L8 AR-1262-4	8.816f	7.813	19577705	34207724	239.357	370.067	#
40)	L8 AR-1262-5	9.489	8.316	13641268	12099285	240.968	253.164	
41)	L9 AR-1268-1	8.752	7.751	34675651	10769755	196.375	74.212	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 22:11
Operator : YP\AJ
Sample : PB166774BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB166774BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:33:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.816f	7.813	19577705	34207724	124.404	257.558 #
43) L9	AR-1268-3	9.069	8.022	1084718	889750	8.111	7.823
44) L9	AR-1268-4	9.489	8.316	13641268	12099285	232.307	232.330
45) L9	AR-1268-5	9.909	8.620	4381123	3727360	11.502	10.465

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

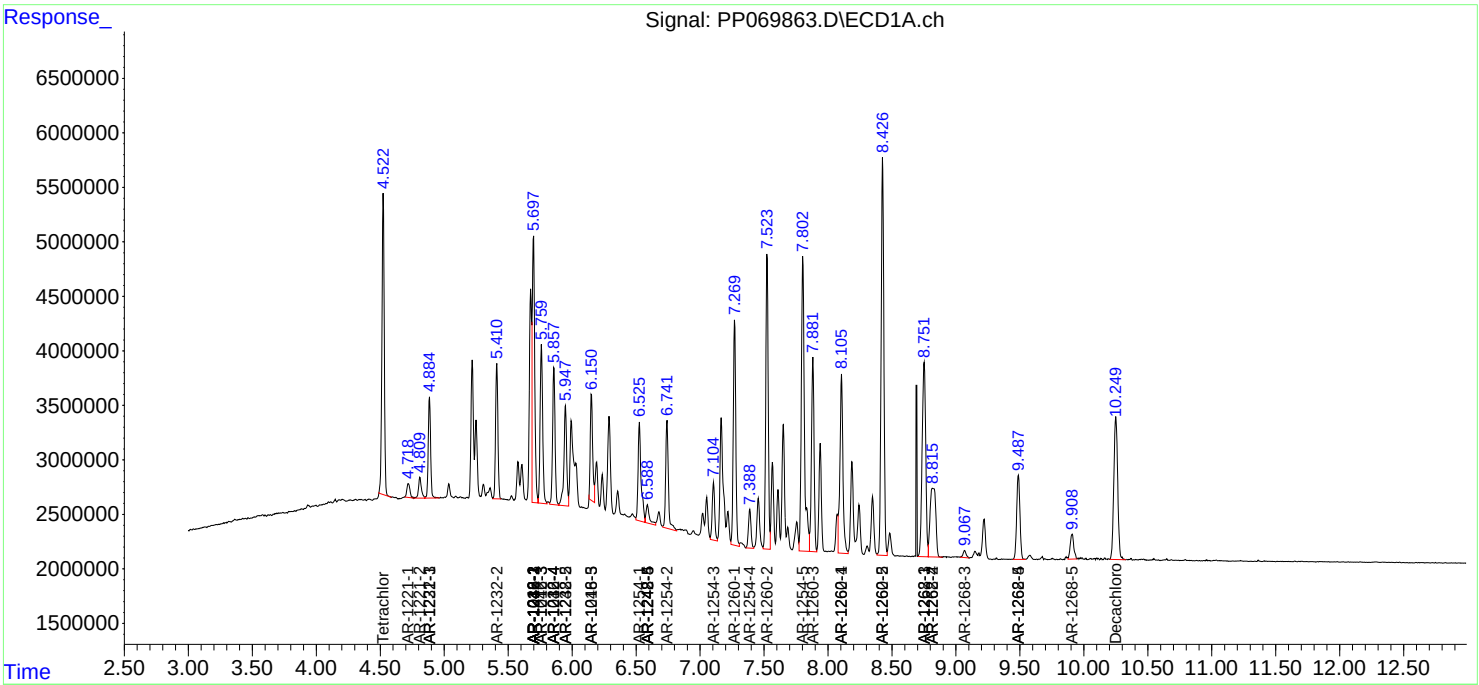
Quantitation Report (Not Reviewed)

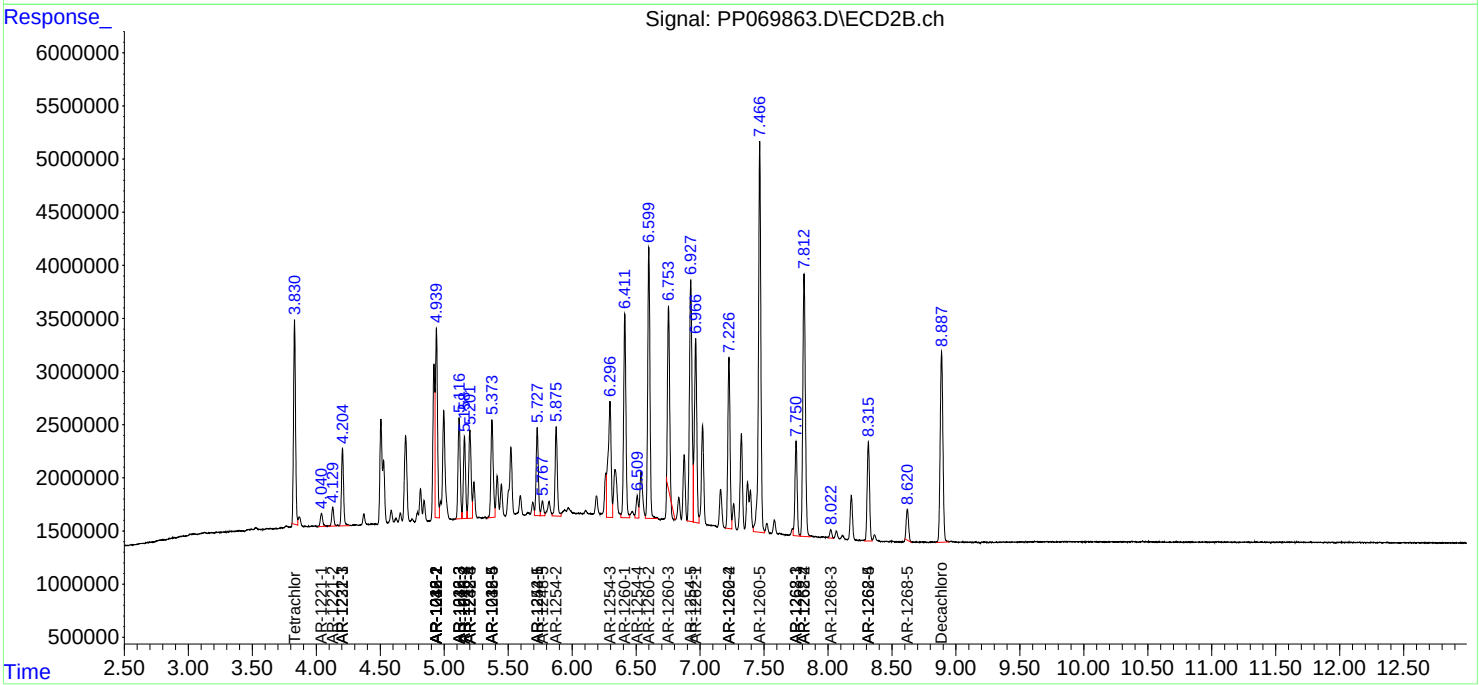
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069863.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 22:11
Operator : YP\AJ
Sample : PB166774BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

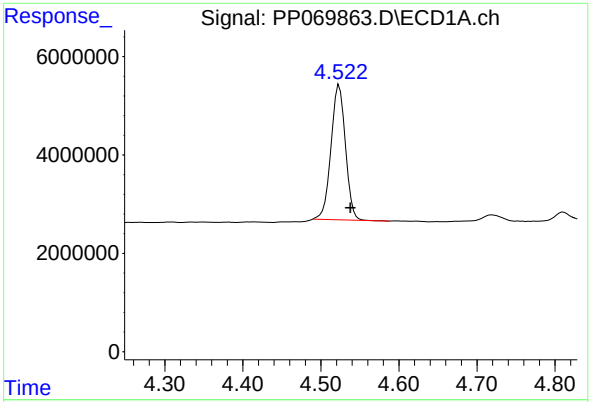
Instrument :
ECD_P
ClientSampleId :
PB166774BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:33:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



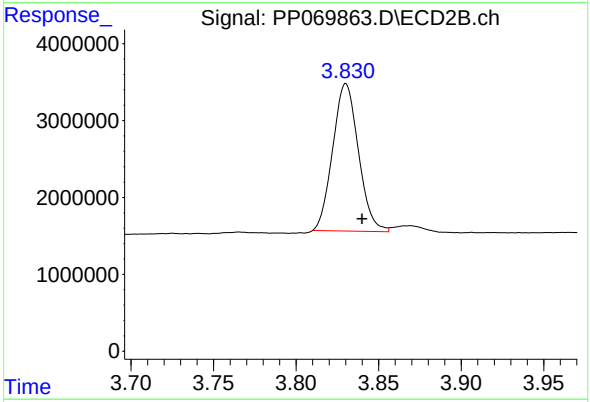




#1 Tetrachloro-m-xylene

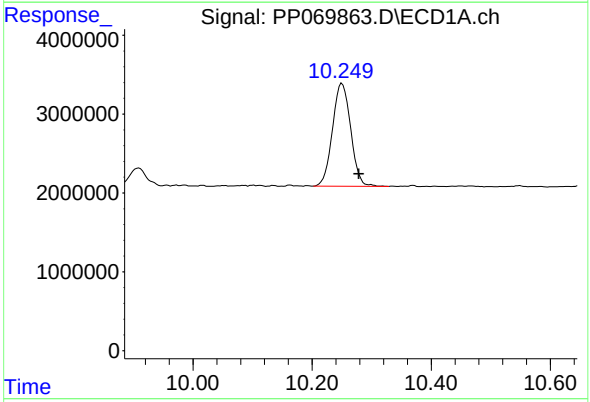
R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 35329935
Conc: 24.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



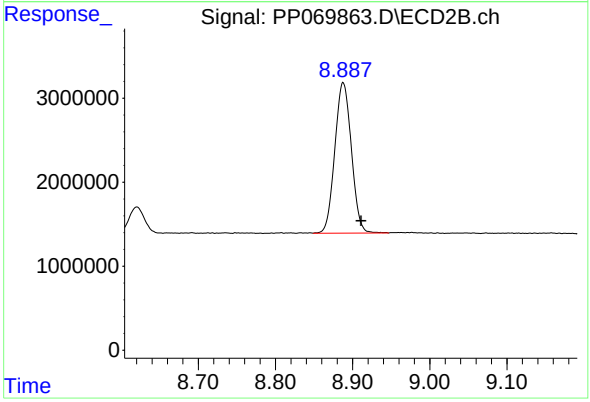
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 20770076
Conc: 23.27 ng/ml



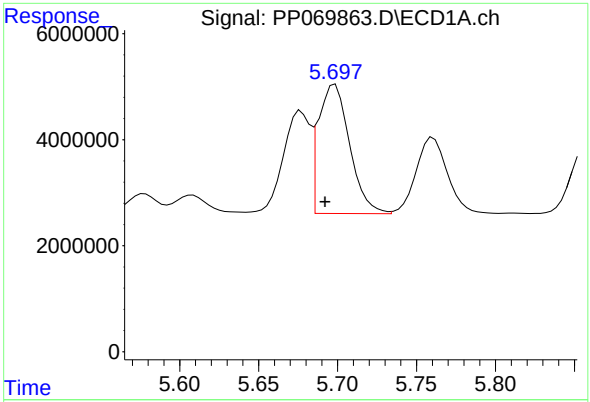
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.028 min
Response: 27654805
Conc: 25.30 ng/ml



#2 Decachlorobiphenyl

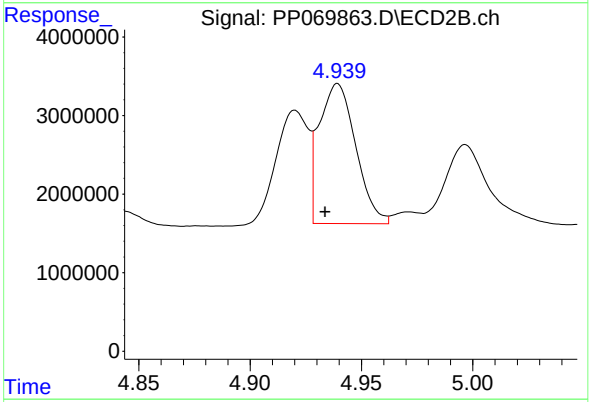
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 26715342
Conc: 23.89 ng/ml



#3 AR-1016-1

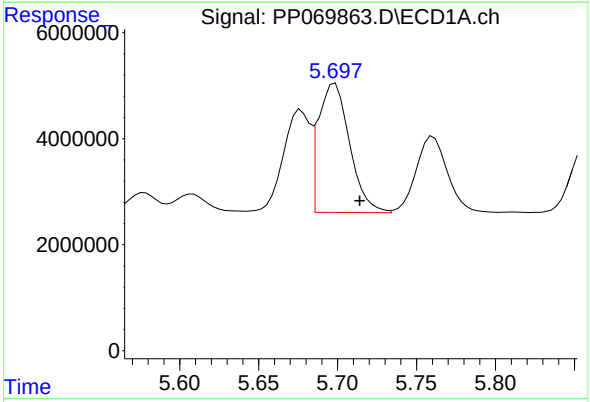
R.T.: 5.698 min
Delta R.T.: 0.006 min
Response: 33575023
Conc: 724.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



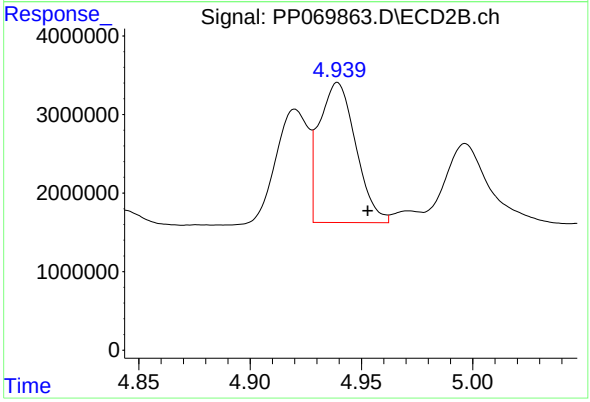
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 20393971
Conc: 625.29 ng/ml



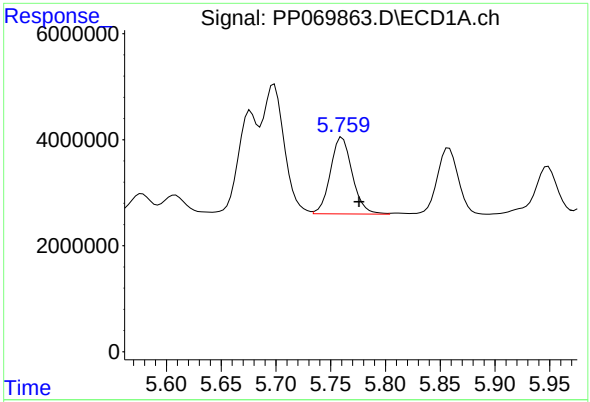
#4 AR-1016-2

R.T.: 5.698 min
Delta R.T.: -0.016 min
Response: 33575023
Conc: 494.64 ng/ml



#4 AR-1016-2

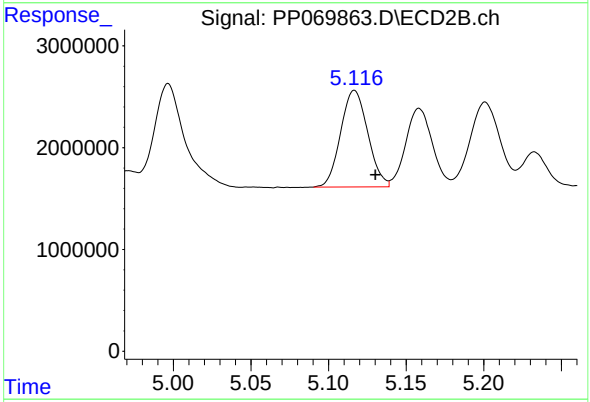
R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 20393971
Conc: 453.62 ng/ml



#5 AR-1016-3

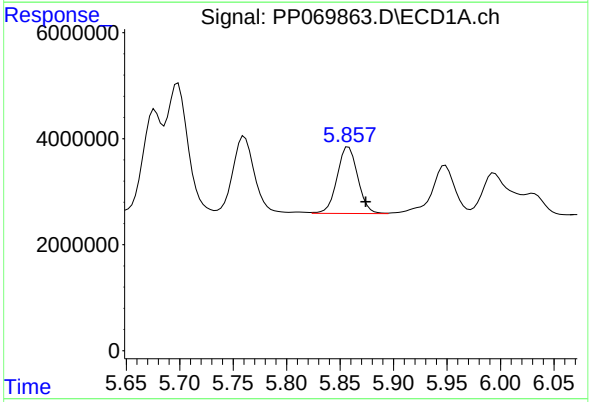
R.T.: 5.761 min
Delta R.T.: -0.016 min
Response: 20116220
Conc: 472.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



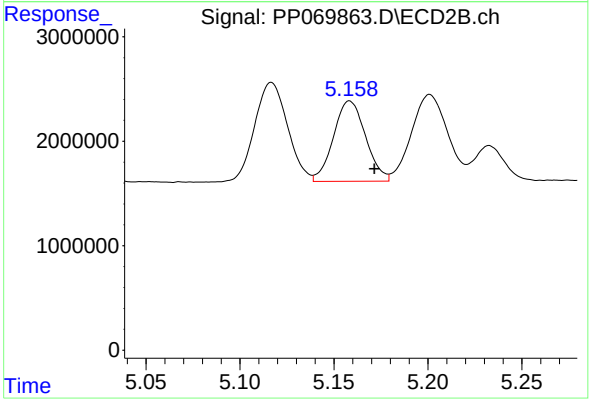
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.014 min
Response: 11550075
Conc: 464.16 ng/ml



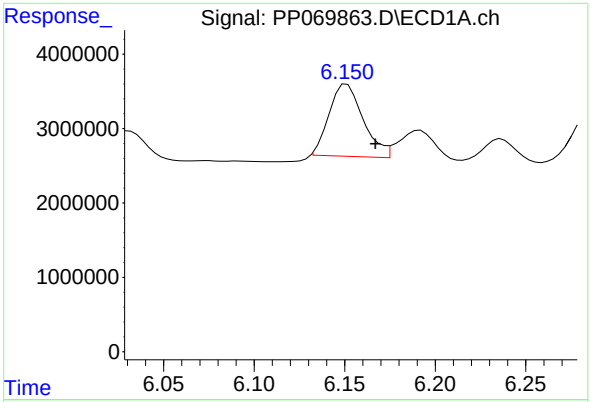
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: -0.016 min
Response: 16935542
Conc: 483.87 ng/ml



#6 AR-1016-4

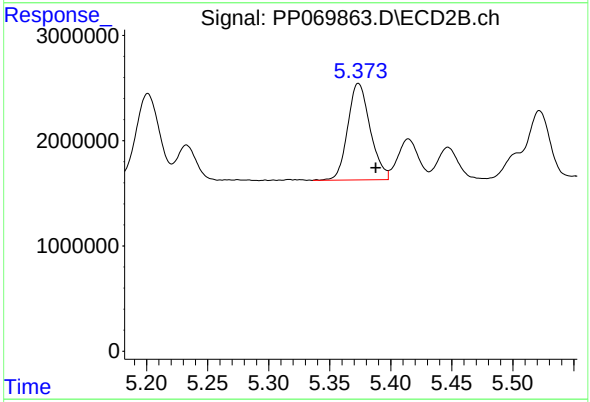
R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 9156400
Conc: 453.37 ng/ml



#7 AR-1016-5

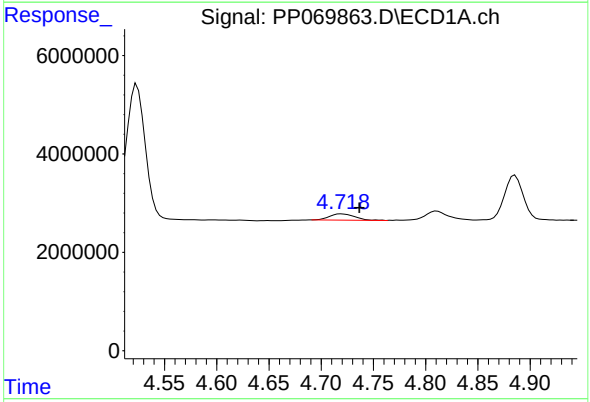
R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 12662668
Conc: 383.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



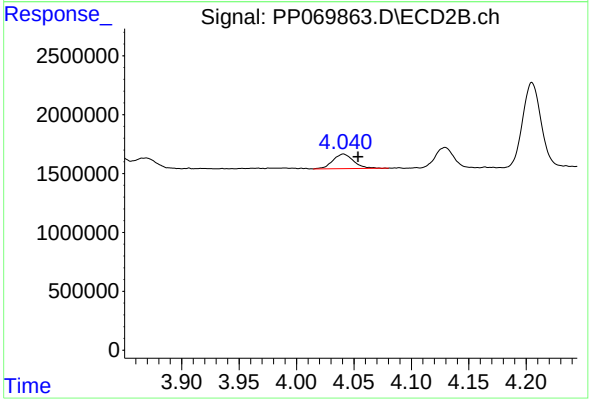
#7 AR-1016-5

R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 11741722
Conc: 437.73 ng/ml



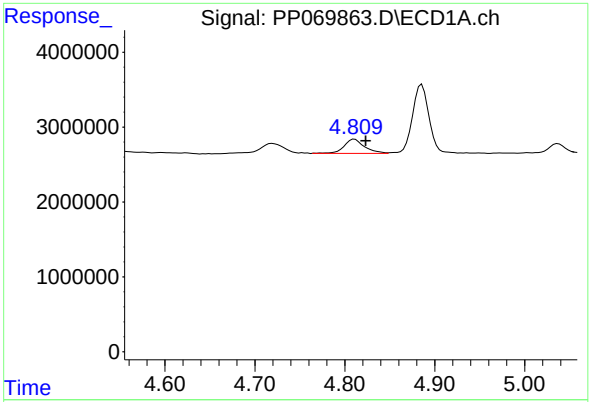
#8 AR-1221-1

R.T.: 4.720 min
Delta R.T.: -0.017 min
Response: 2125967
Conc: 111.78 ng/ml



#8 AR-1221-1

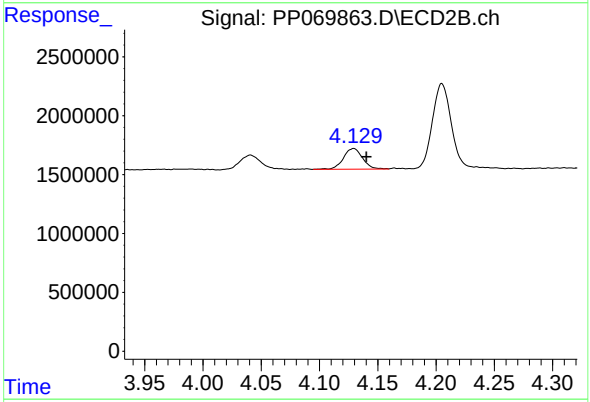
R.T.: 4.041 min
Delta R.T.: -0.013 min
Response: 1546092
Conc: 125.51 ng/ml



#9 AR-1221-2

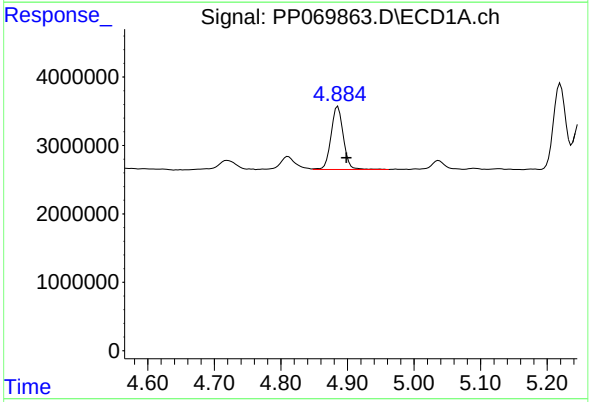
R.T.: 4.811 min
Delta R.T.: -0.012 min
Response: 3013982
Conc: 220.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



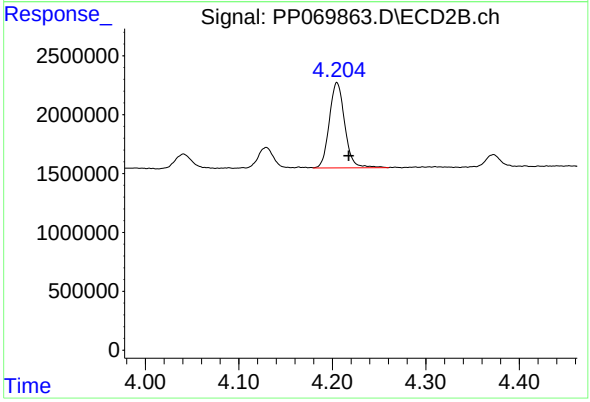
#9 AR-1221-2

R.T.: 4.129 min
Delta R.T.: -0.011 min
Response: 2036032
Conc: 210.26 ng/ml



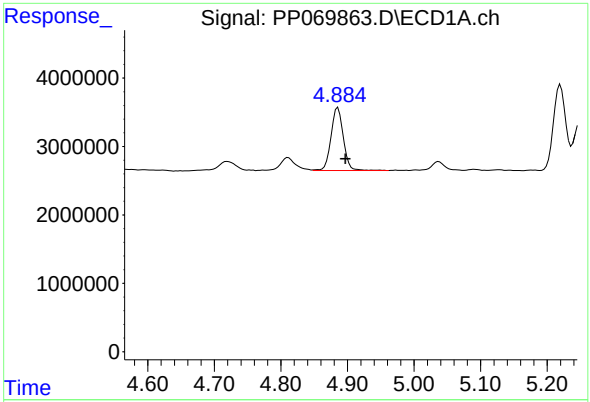
#10 AR-1221-3

R.T.: 4.886 min
Delta R.T.: -0.013 min
Response: 11840874
Conc: 282.31 ng/ml



#10 AR-1221-3

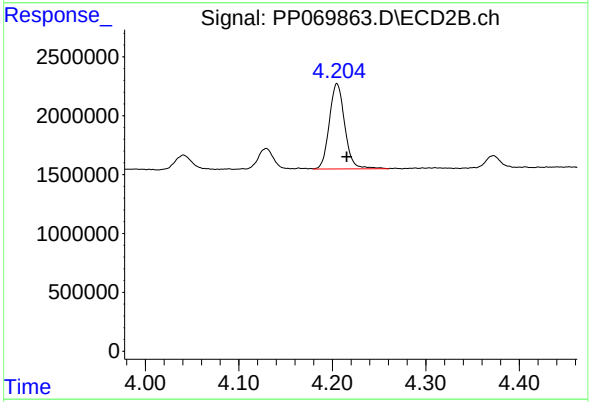
R.T.: 4.205 min
Delta R.T.: -0.013 min
Response: 8288881
Conc: 284.12 ng/ml



#11 AR-1232-1

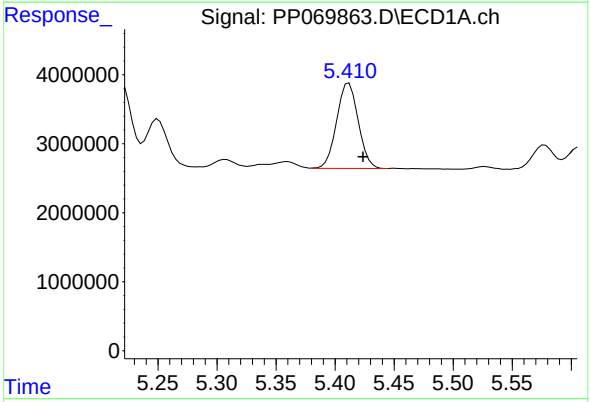
R.T.: 4.886 min
Delta R.T.: -0.011 min
Response: 11840874
Conc: 355.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



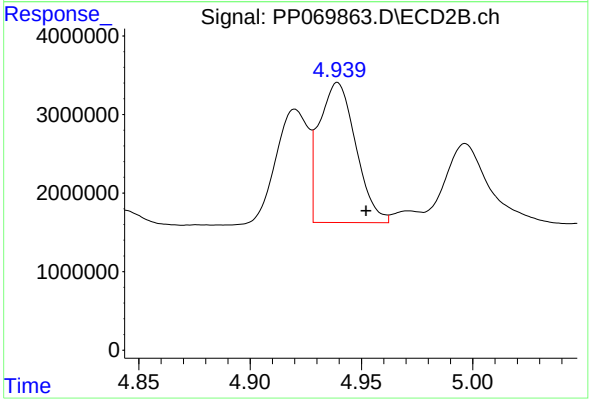
#11 AR-1232-1

R.T.: 4.205 min
Delta R.T.: -0.010 min
Response: 8288881
Conc: 353.03 ng/ml



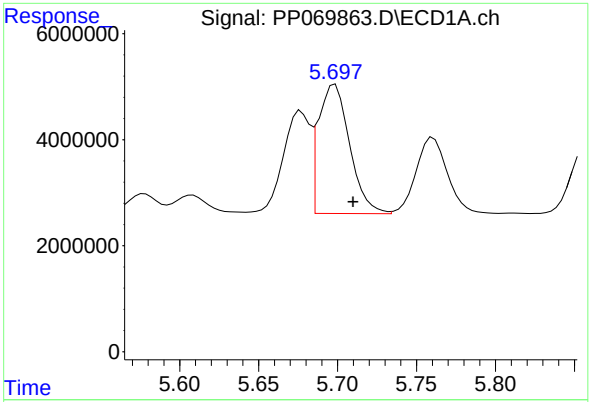
#12 AR-1232-2

R.T.: 5.412 min
Delta R.T.: -0.012 min
Response: 15764831
Conc: 964.68 ng/ml



#12 AR-1232-2

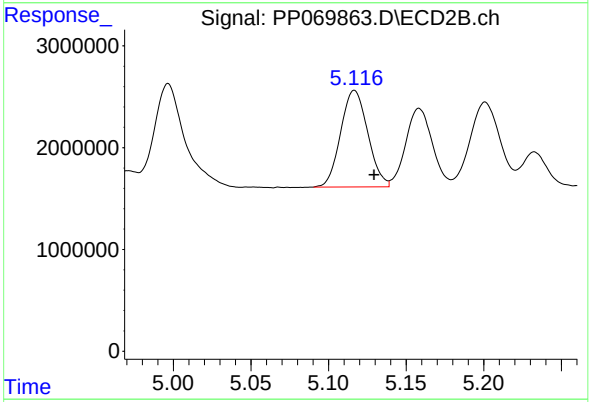
R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 20393971
Conc: 865.19 ng/ml



#13 AR-1232-3

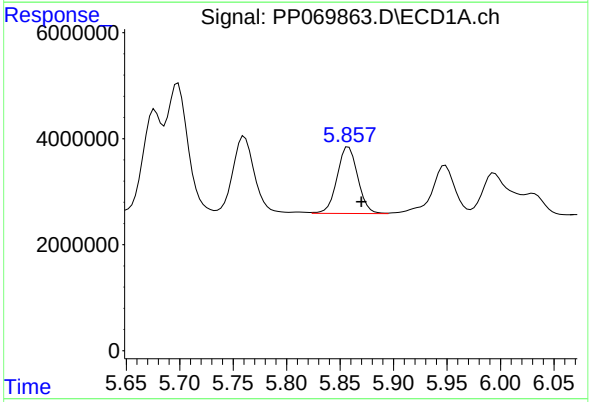
R.T.: 5.698 min
Delta R.T.: -0.011 min
Response: 33575023
Conc: 977.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



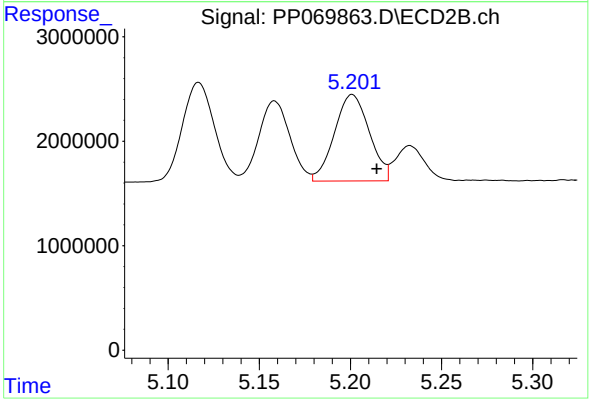
#13 AR-1232-3

R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 11550075
Conc: 892.09 ng/ml



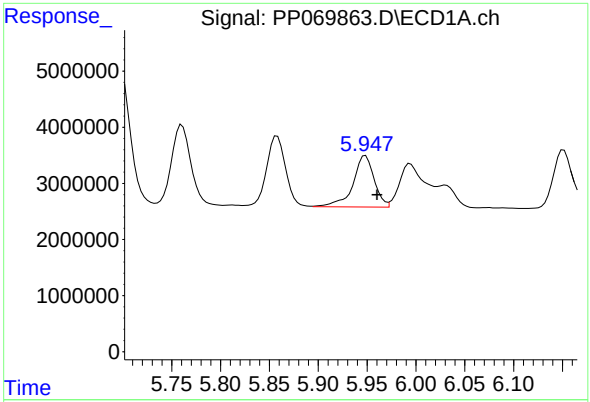
#14 AR-1232-4

R.T.: 5.858 min
Delta R.T.: -0.012 min
Response: 16935542
Conc: 950.57 ng/ml



#14 AR-1232-4

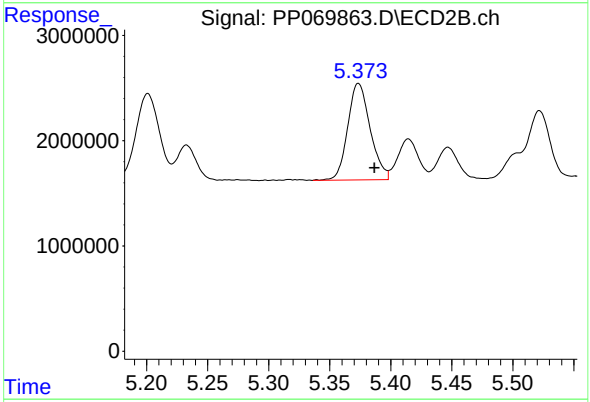
R.T.: 5.201 min
Delta R.T.: -0.013 min
Response: 11022544
Conc: 994.25 ng/ml



#15 AR-1232-5

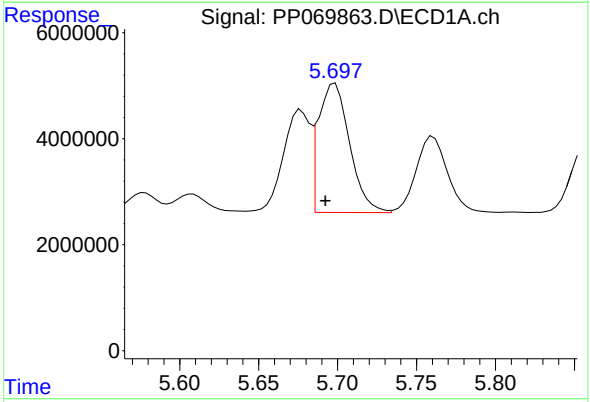
R.T.: 5.948 min
Delta R.T.: -0.012 min
Response: 13907791
Conc: 1213.34 ng/m

Instrument :
ECD_P
ClientSampleId :
PB166774BS



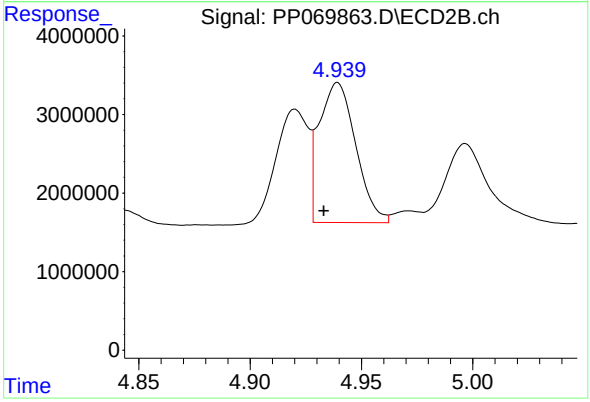
#15 AR-1232-5

R.T.: 5.374 min
Delta R.T.: -0.013 min
Response: 11741722
Conc: 961.62 ng/ml



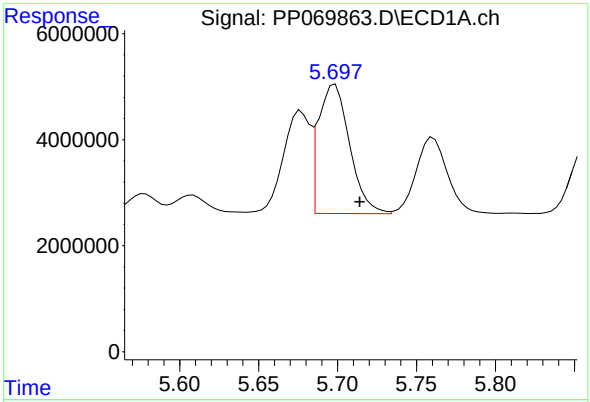
#16 AR-1242-1

R.T.: 5.698 min
Delta R.T.: 0.006 min
Response: 33575023
Conc: 805.05 ng/ml



#16 AR-1242-1

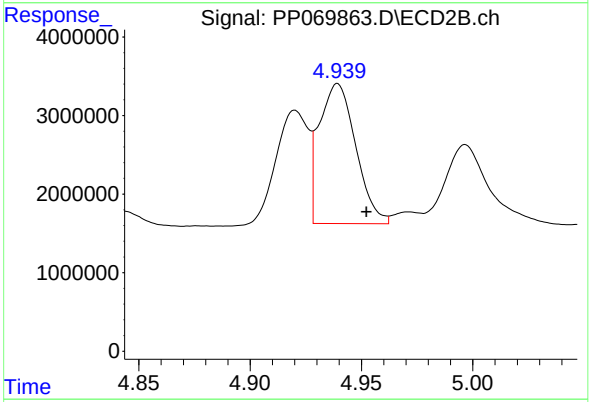
R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 20393971
Conc: 707.34 ng/ml



#17 AR-1242-2

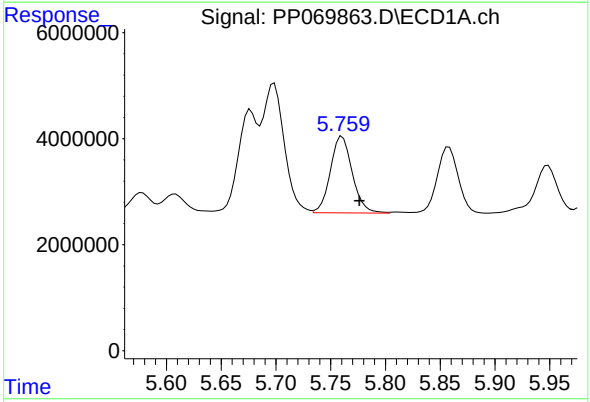
R.T.: 5.698 min
Delta R.T.: -0.016 min
Response: 33575023
Conc: 569.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



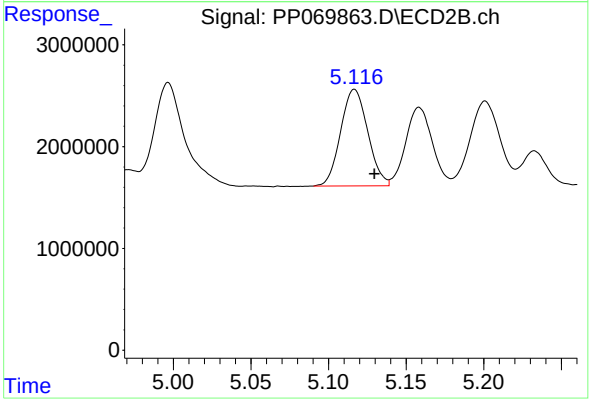
#17 AR-1242-2

R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 20393971
Conc: 517.64 ng/ml



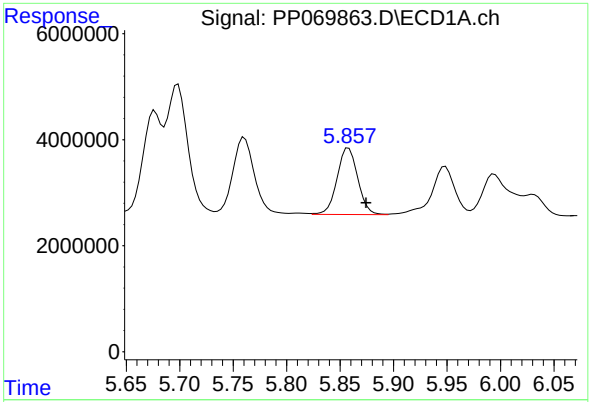
#18 AR-1242-3

R.T.: 5.761 min
Delta R.T.: -0.016 min
Response: 20116220
Conc: 542.24 ng/ml



#18 AR-1242-3

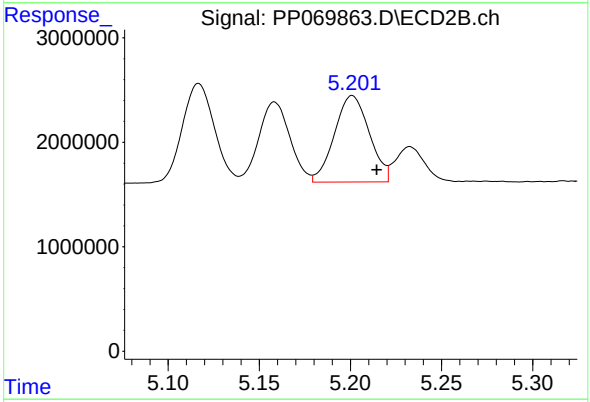
R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 11550075
Conc: 513.24 ng/ml



#19 AR-1242-4

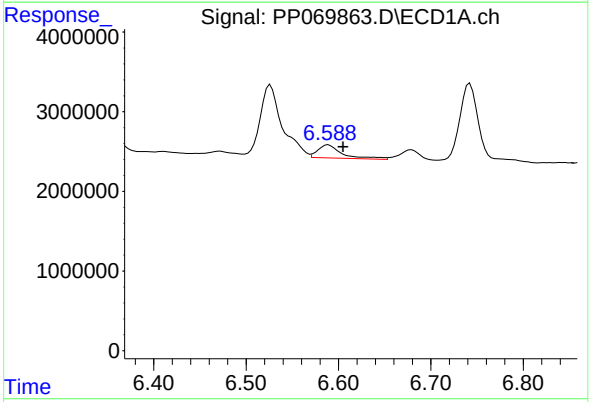
R.T.: 5.858 min
Delta R.T.: -0.016 min
Response: 16935542
Conc: 516.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



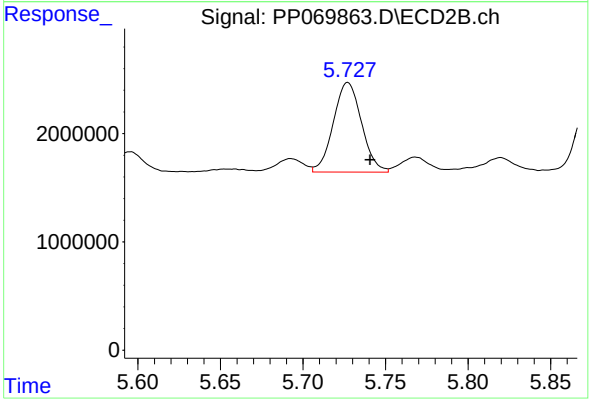
#19 AR-1242-4

R.T.: 5.201 min
Delta R.T.: -0.013 min
Response: 11022544
Conc: 510.72 ng/ml



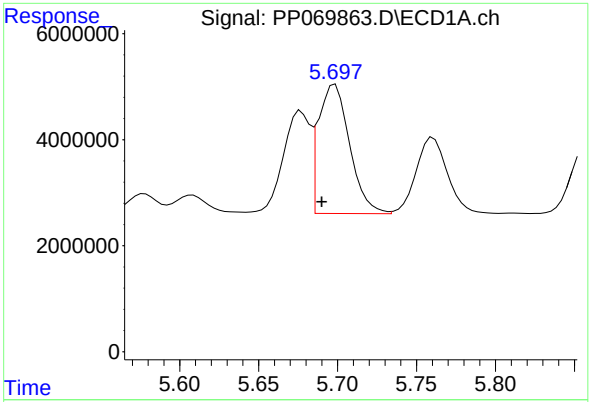
#20 AR-1242-5

R.T.: 6.589 min
Delta R.T.: -0.016 min
Response: 3017624
Conc: 92.61 ng/ml



#20 AR-1242-5

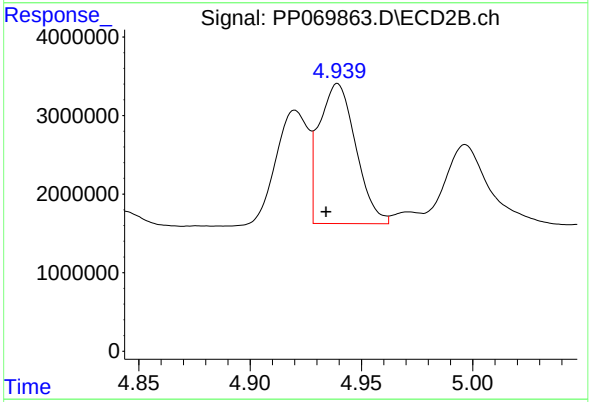
R.T.: 5.727 min
Delta R.T.: -0.013 min
Response: 9839440
Conc: 342.02 ng/ml



#21 AR-1248-1

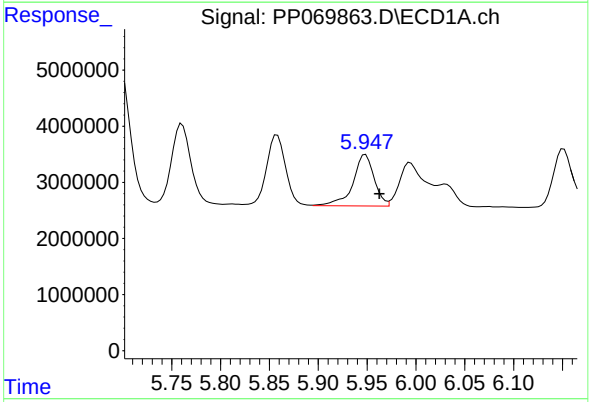
R.T.: 5.698 min
Delta R.T.: 0.009 min
Response: 33575023
Conc: 1035.02 ng/m

Instrument :
ECD_P
ClientSampleId :
PB166774BS



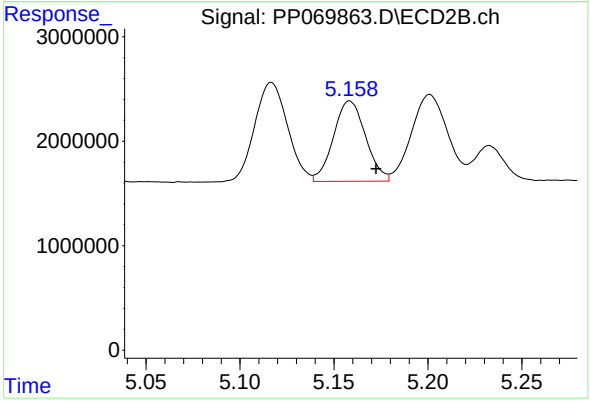
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 20393971
Conc: 926.55 ng/ml



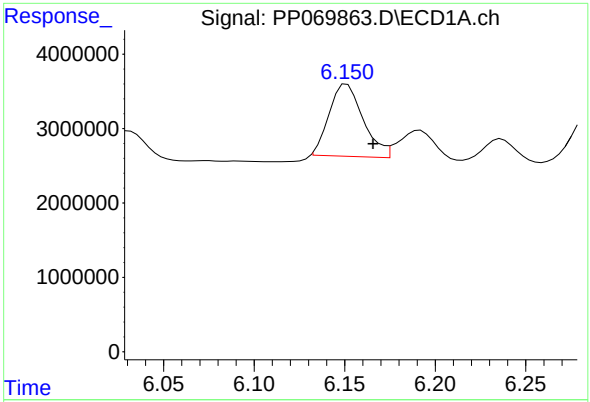
#22 AR-1248-2

R.T.: 5.948 min
Delta R.T.: -0.014 min
Response: 13907791
Conc: 327.66 ng/ml



#22 AR-1248-2

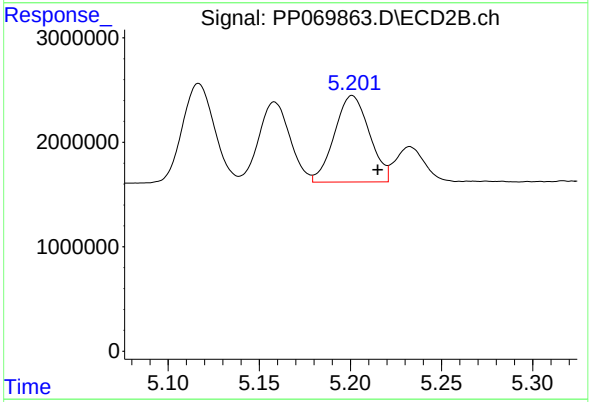
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9156400
Conc: 304.56 ng/ml



#23 AR-1248-3

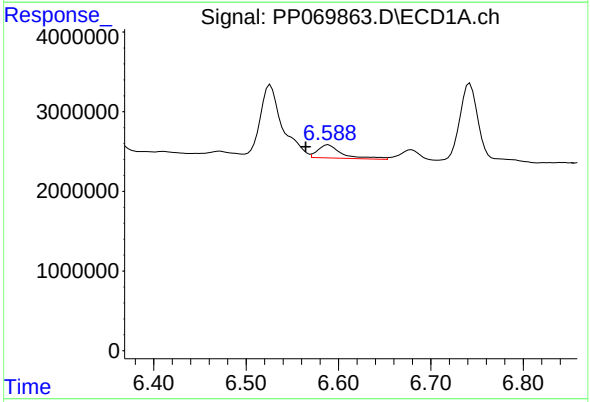
R.T.: 6.151 min
Delta R.T.: -0.014 min
Response: 12662668
Conc: 269.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



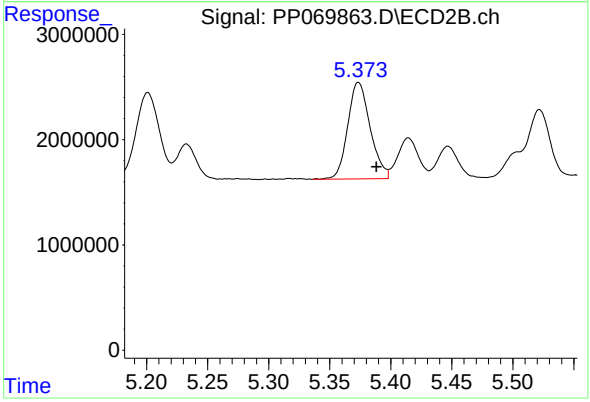
#23 AR-1248-3

R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 11022544
Conc: 355.75 ng/ml



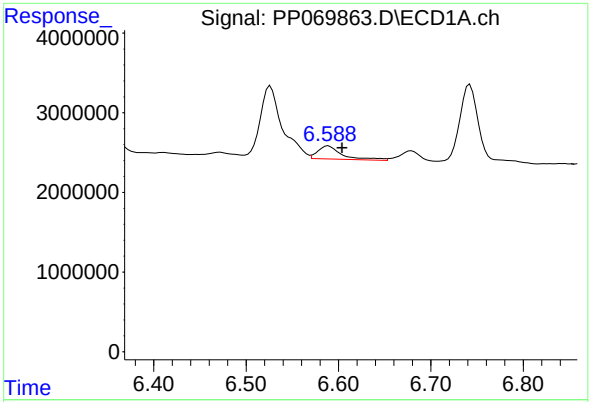
#24 AR-1248-4

R.T.: 6.589 min
Delta R.T.: 0.024 min
Response: 3017624
Conc: 54.75 ng/ml



#24 AR-1248-4

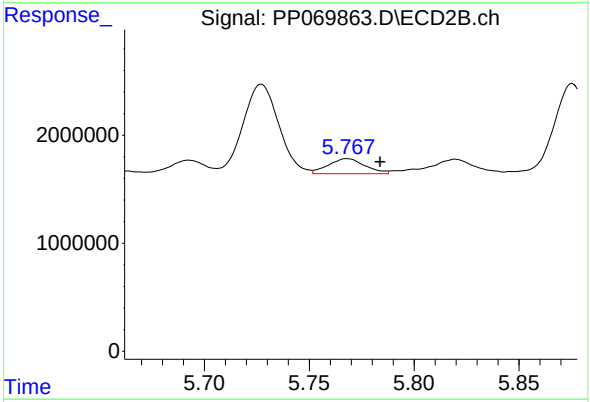
R.T.: 5.374 min
Delta R.T.: -0.015 min
Response: 11741722
Conc: 317.83 ng/ml



#25 AR-1248-5

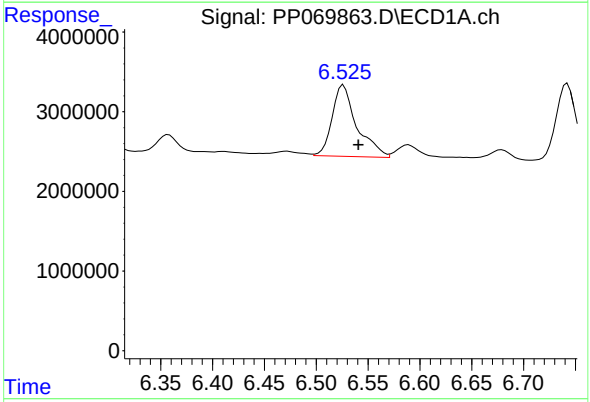
R.T.: 6.589 min
Delta R.T.: -0.015 min
Response: 3017624
Conc: 56.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



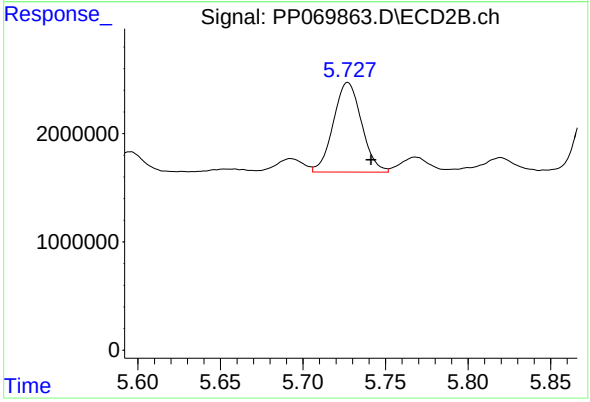
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.016 min
Response: 1701533
Conc: 45.51 ng/ml



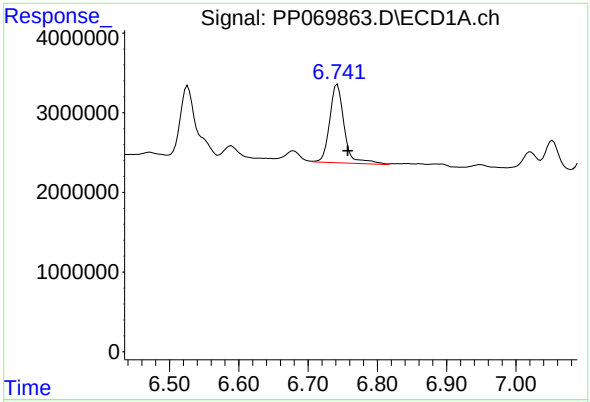
#26 AR-1254-1

R.T.: 6.526 min
Delta R.T.: -0.014 min
Response: 14826061
Conc: 256.22 ng/ml



#26 AR-1254-1

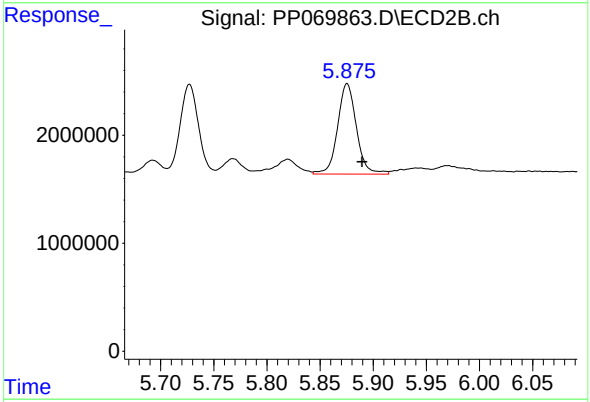
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 9839440
Conc: 178.72 ng/ml



#27 AR-1254-2

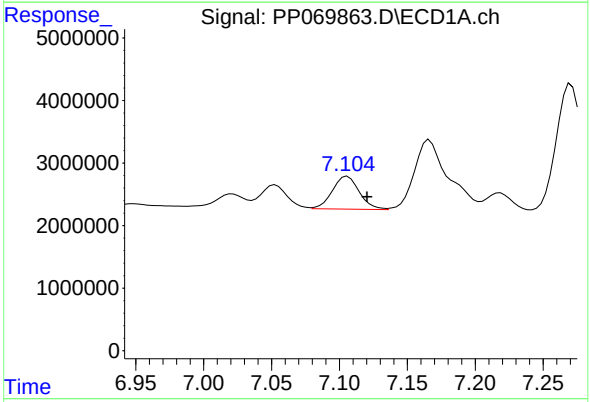
R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 14443853
Conc: 180.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



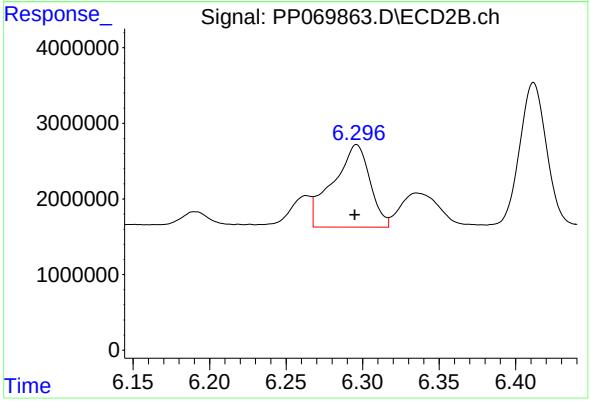
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 10316519
Conc: 213.29 ng/ml



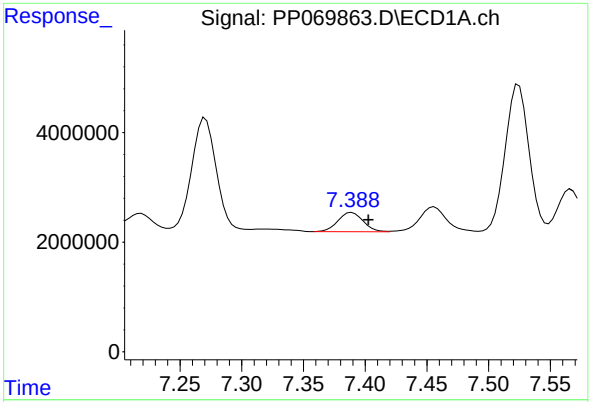
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.015 min
Response: 7267258
Conc: 86.22 ng/ml



#28 AR-1254-3

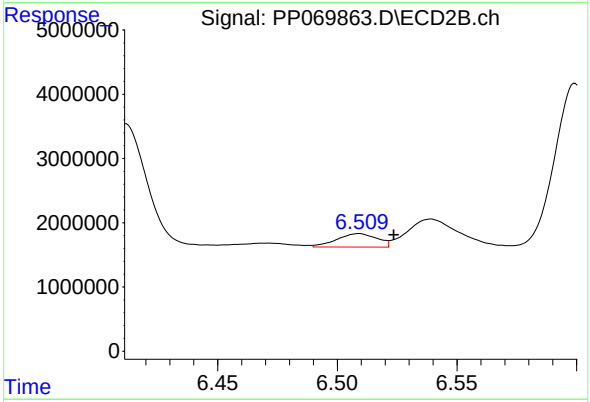
R.T.: 6.296 min
Delta R.T.: 0.001 min
Response: 18396822
Conc: 242.39 ng/ml



#29 AR-1254-4

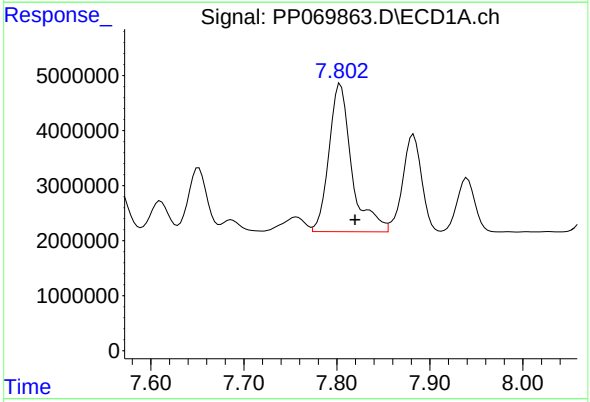
R.T.: 7.389 min
Delta R.T.: -0.013 min
Response: 5025376
Conc: 73.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



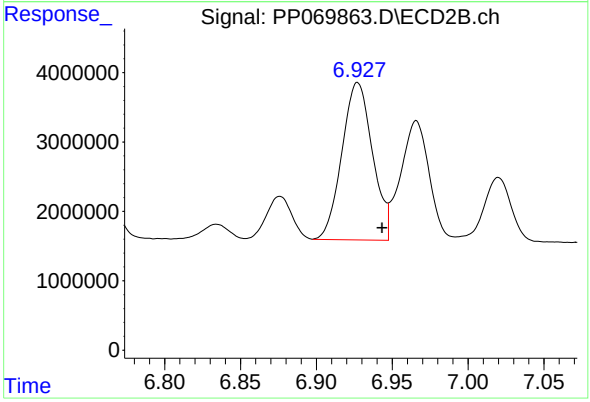
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.014 min
Response: 2458346
Conc: 47.97 ng/ml



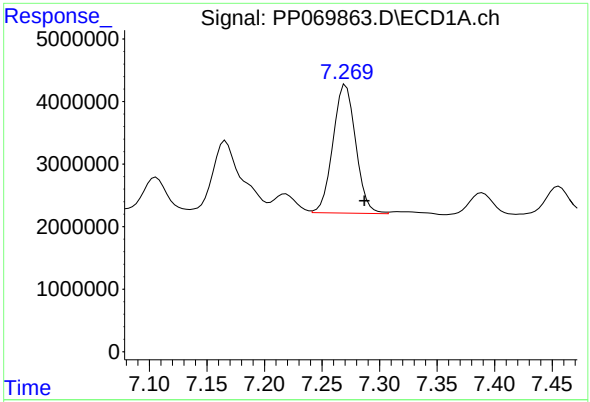
#30 AR-1254-5

R.T.: 7.804 min
Delta R.T.: -0.016 min
Response: 45843233
Conc: 673.71 ng/ml



#30 AR-1254-5

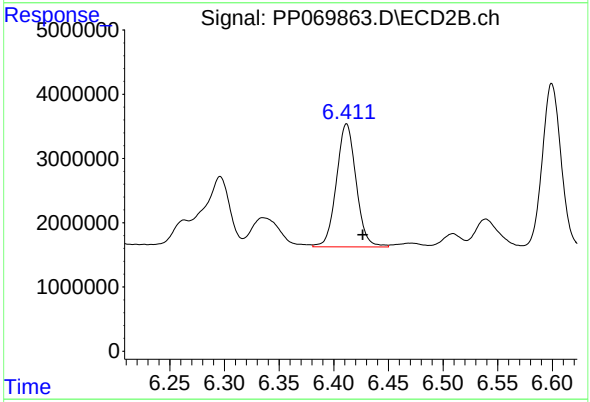
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 31897901
Conc: 479.23 ng/ml



#31 AR-1260-1

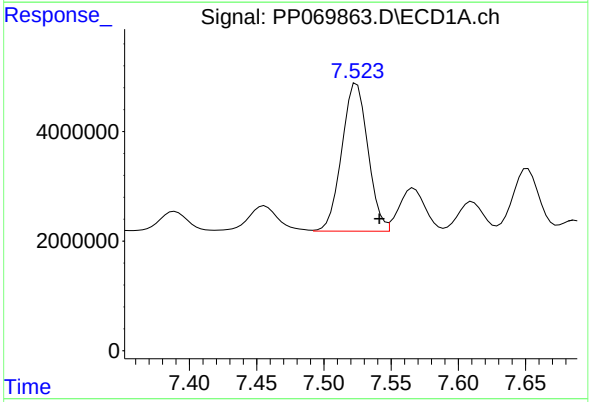
R.T.: 7.271 min
Delta R.T.: -0.016 min
Response: 28340087
Conc: 484.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



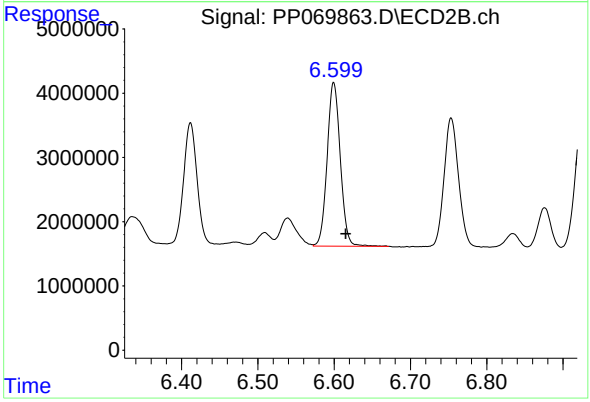
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 24022046
Conc: 498.08 ng/ml



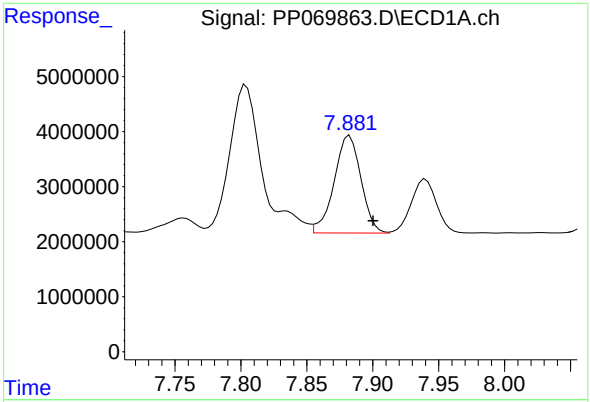
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: -0.017 min
Response: 36465138
Conc: 468.63 ng/ml



#32 AR-1260-2

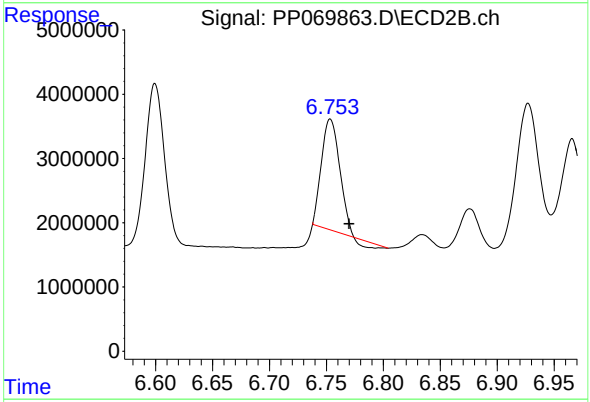
R.T.: 6.599 min
Delta R.T.: -0.015 min
Response: 30469913
Conc: 497.03 ng/ml



#33 AR-1260-3

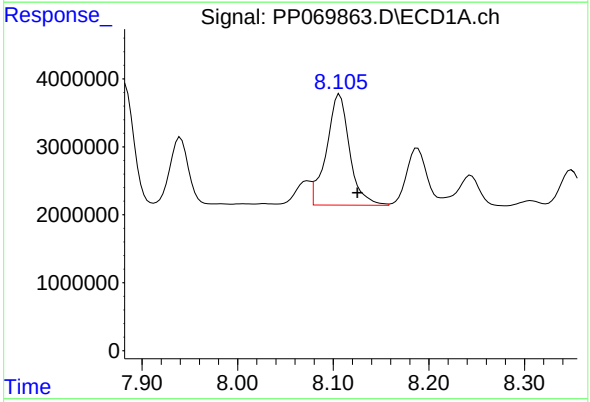
R.T.: 7.883 min
Delta R.T.: -0.018 min
Response: 25110721
Conc: 401.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



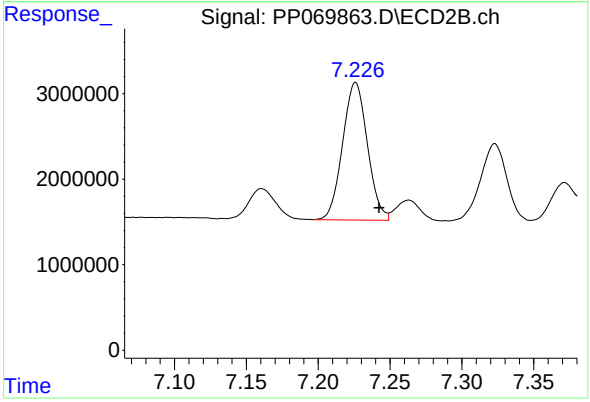
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.016 min
Response: 18381324
Conc: 305.56 ng/ml



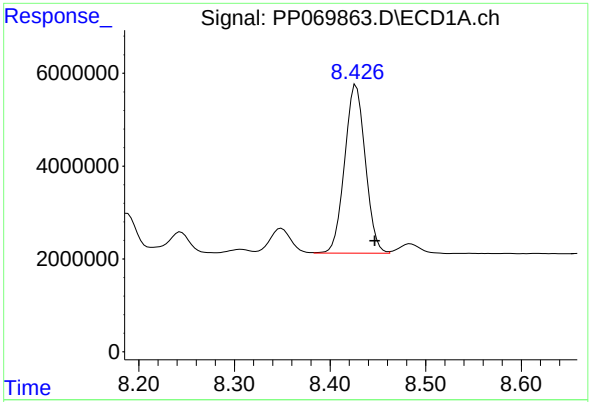
#34 AR-1260-4

R.T.: 8.107 min
Delta R.T.: -0.019 min
Response: 27405456
Conc: 415.38 ng/ml



#34 AR-1260-4

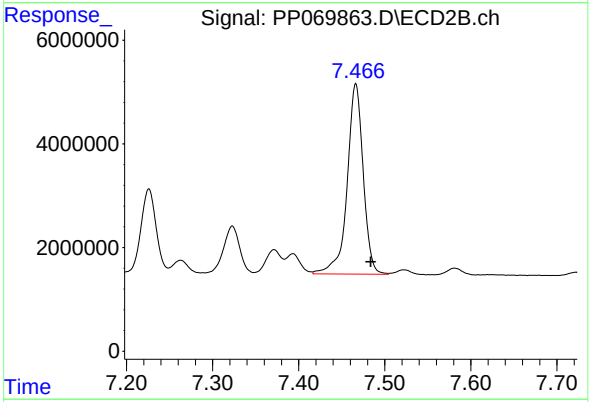
R.T.: 7.226 min
Delta R.T.: -0.016 min
Response: 19368864
Conc: 416.82 ng/ml



#35 AR-1260-5

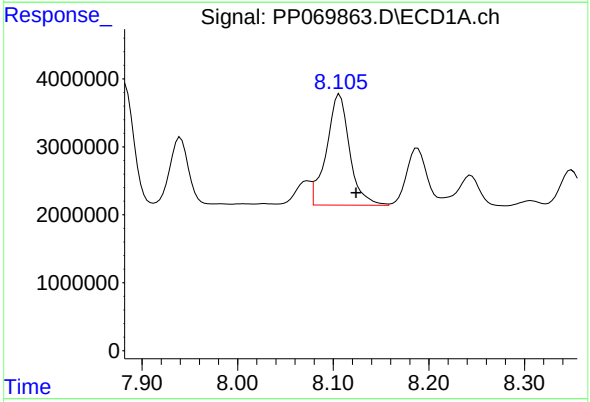
R.T.: 8.427 min
Delta R.T.: -0.020 min
Response: 54755742
Conc: 418.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



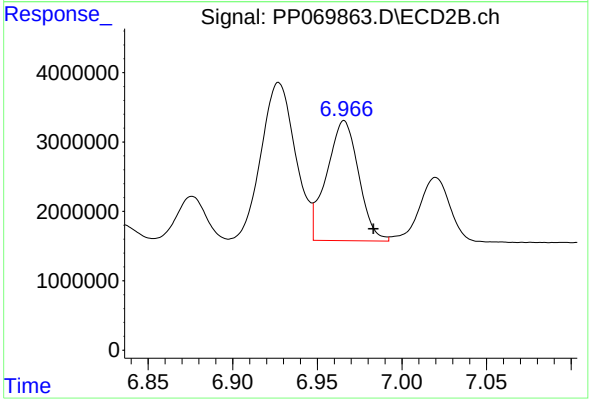
#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.017 min
Response: 47572584
Conc: 428.02 ng/ml



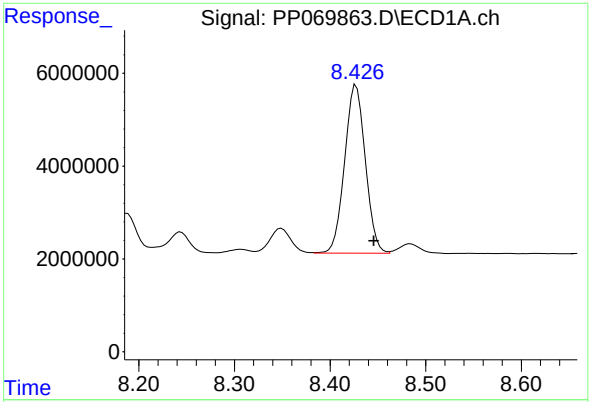
#36 AR-1262-1

R.T.: 8.107 min
Delta R.T.: -0.017 min
Response: 27405456
Conc: 346.82 ng/ml



#36 AR-1262-1

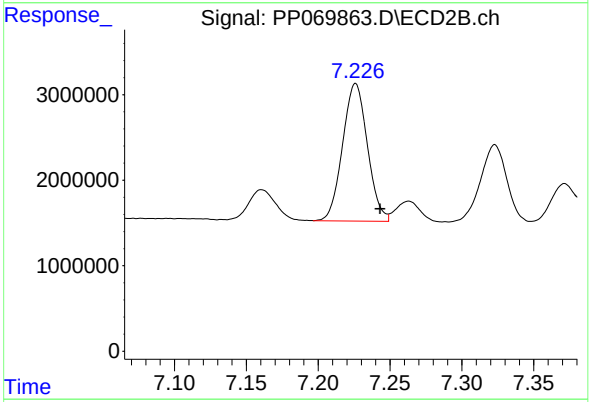
R.T.: 6.966 min
Delta R.T.: -0.017 min
Response: 22754445
Conc: 320.43 ng/ml



#37 AR-1262-2

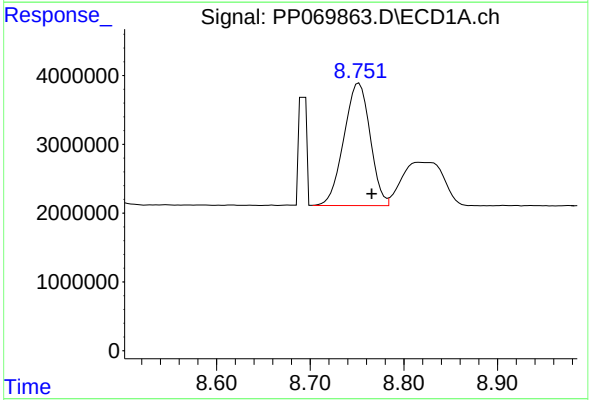
R.T.: 8.427 min
Delta R.T.: -0.018 min
Response: 54755742
Conc: 358.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



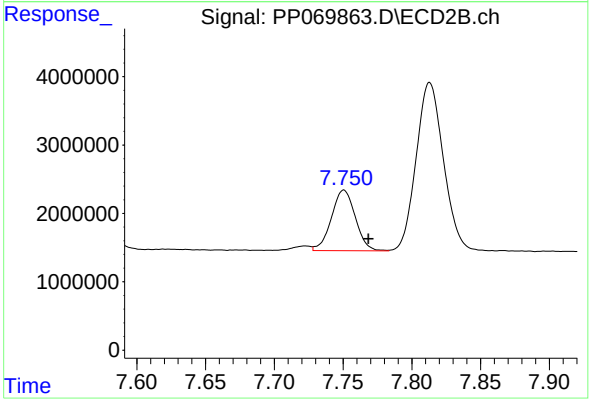
#37 AR-1262-2

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 19368864
Conc: 317.63 ng/ml



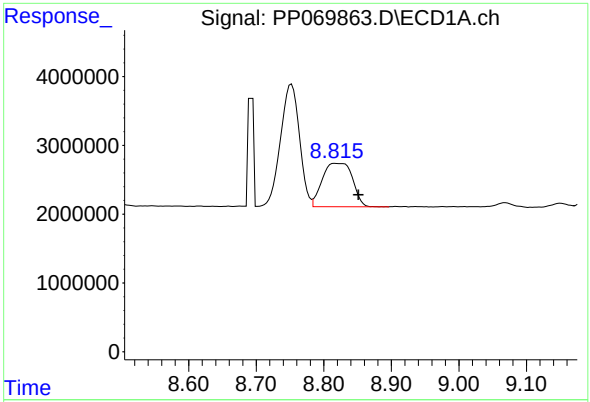
#38 AR-1262-3

R.T.: 8.752 min
Delta R.T.: -0.014 min
Response: 34675651
Conc: 326.27 ng/ml



#38 AR-1262-3

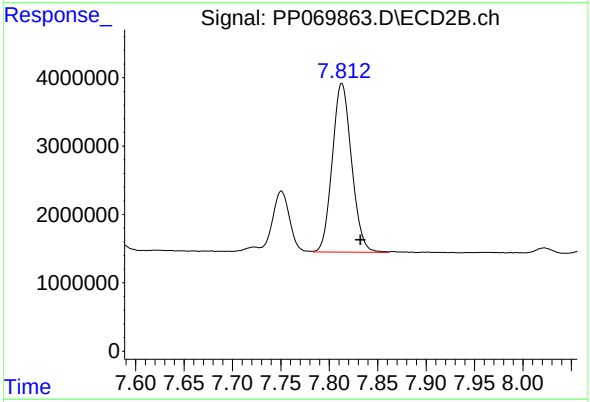
R.T.: 7.751 min
Delta R.T.: -0.018 min
Response: 10769755
Conc: 205.93 ng/ml



#39 AR-1262-4

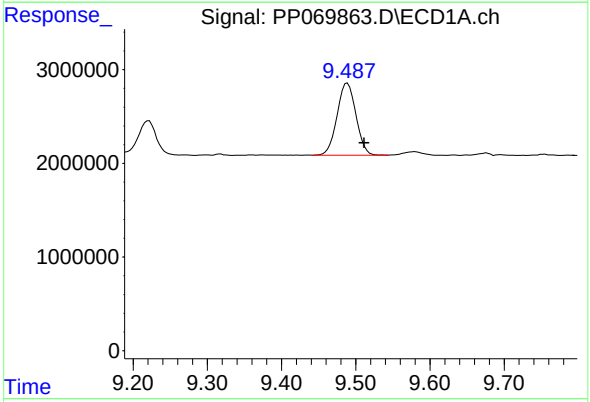
R.T.: 8.816 min
Delta R.T.: -0.035 min
Response: 19577705
Conc: 239.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



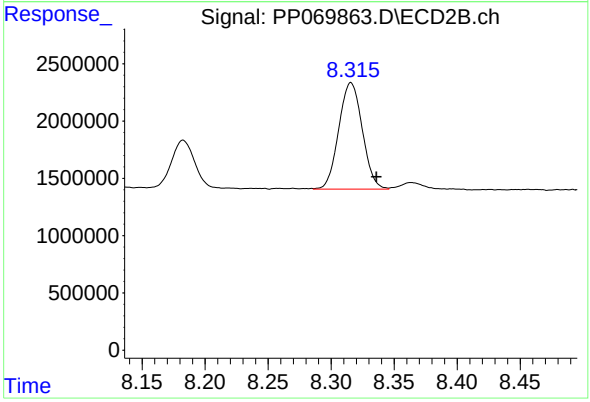
#39 AR-1262-4

R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 34207724
Conc: 370.07 ng/ml



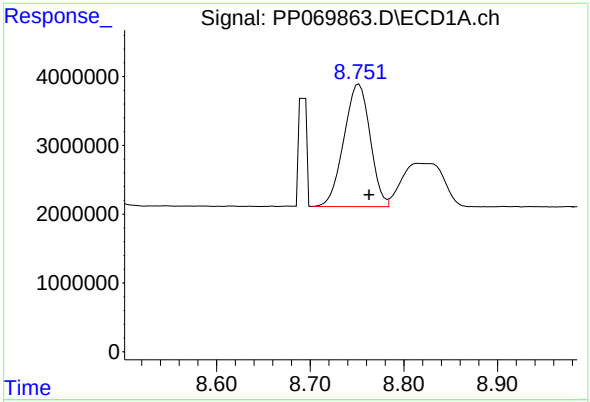
#40 AR-1262-5

R.T.: 9.489 min
Delta R.T.: -0.023 min
Response: 13641268
Conc: 240.97 ng/ml



#40 AR-1262-5

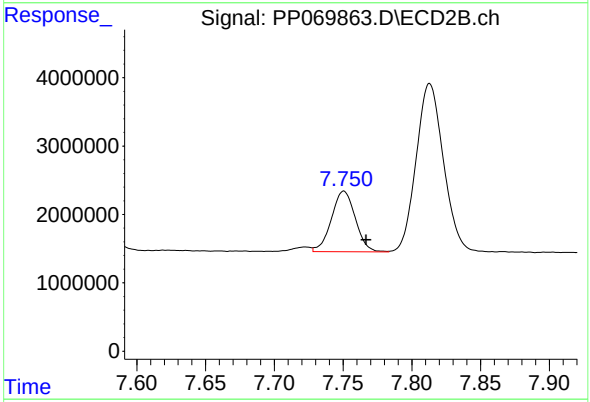
R.T.: 8.316 min
Delta R.T.: -0.020 min
Response: 12099285
Conc: 253.16 ng/ml



#41 AR-1268-1

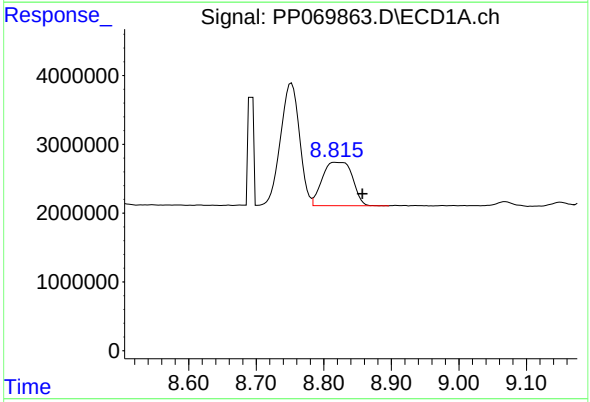
R.T.: 8.752 min
Delta R.T.: -0.011 min
Response: 34675651
Conc: 196.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



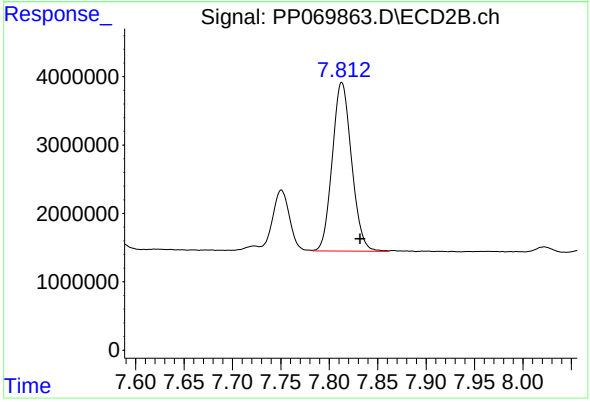
#41 AR-1268-1

R.T.: 7.751 min
Delta R.T.: -0.016 min
Response: 10769755
Conc: 74.21 ng/ml



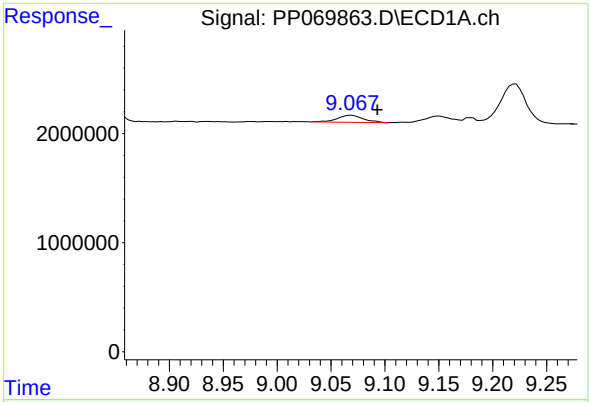
#42 AR-1268-2

R.T.: 8.816 min
Delta R.T.: -0.041 min
Response: 19577705
Conc: 124.40 ng/ml



#42 AR-1268-2

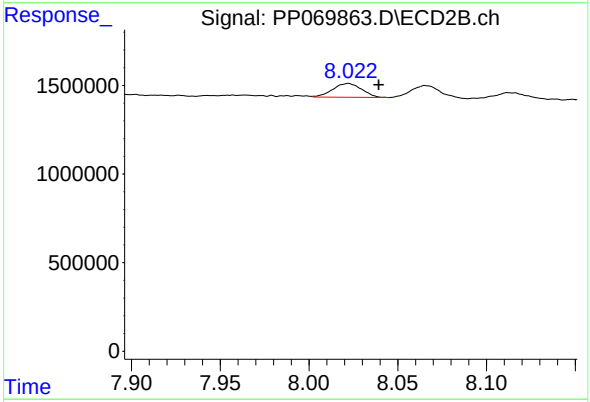
R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 34207724
Conc: 257.56 ng/ml



#43 AR-1268-3

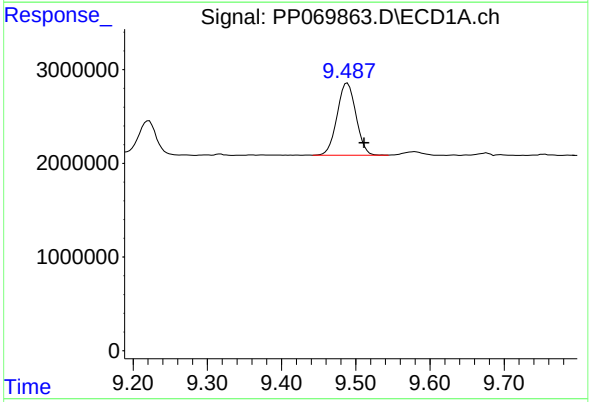
R.T.: 9.069 min
Delta R.T.: -0.024 min
Response: 1084718
Conc: 8.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



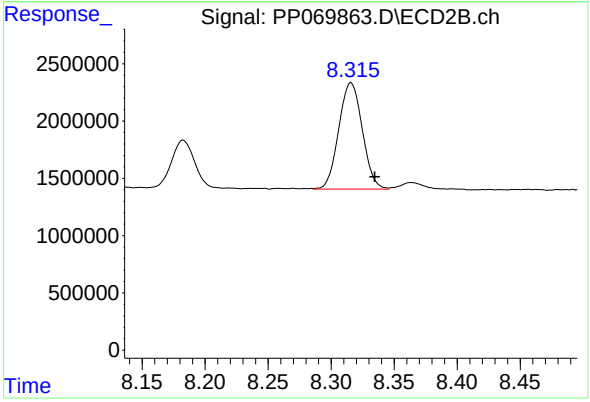
#43 AR-1268-3

R.T.: 8.022 min
Delta R.T.: -0.017 min
Response: 889750
Conc: 7.82 ng/ml



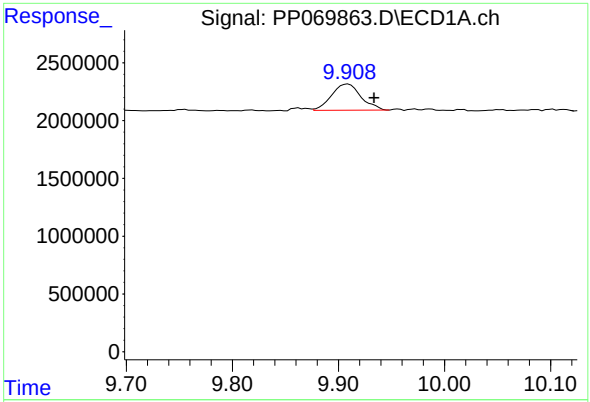
#44 AR-1268-4

R.T.: 9.489 min
Delta R.T.: -0.023 min
Response: 13641268
Conc: 232.31 ng/ml



#44 AR-1268-4

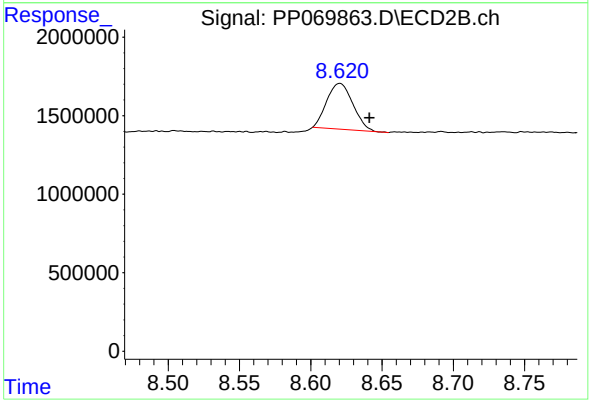
R.T.: 8.316 min
Delta R.T.: -0.019 min
Response: 12099285
Conc: 232.33 ng/ml



#45 AR-1268-5

R.T.: 9.909 min
Delta R.T.: -0.024 min
Response: 4381123
Conc: 11.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB166774BS



#45 AR-1268-5

R.T.: 8.620 min
Delta R.T.: -0.021 min
Response: 3727360
Conc: 10.46 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 22:44
Operator : YP\AJ
Sample : Q1383-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:34:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.830	36701229	20753764	25.639	23.253	
2)	SA Decachlor...	10.253	8.888	23545929	23968208	21.544	21.429	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.948	0	72186	N.D.	2.213	#
4)	L1 AR-1016-2	0.000	4.948	0	72186	N.D.	1.606	#
5)	L1 AR-1016-3	0.000	5.118	0	95809	N.D.	3.850	#
6)	L1 AR-1016-4	0.000	5.160	0	581814	N.D.	28.808	#
7)	L1 AR-1016-5	0.000	5.395	0	111063	N.D.	4.140	#
8)	L2 AR-1221-1	0.000	4.047	0	41244	N.D.	3.348	#
9)	L2 AR-1221-2	4.829	4.133	528579	636579	38.604	65.739	#
10)	L2 AR-1221-3	4.829f	4.210	528579	58888	12.602	2.019	#
11)	L3 AR-1232-1	4.829f	4.210	528579	58888	15.876	2.508	#
12)	L3 AR-1232-2	5.380f	4.948	401638	72186	24.577	3.062	#
13)	L3 AR-1232-3	0.000	5.118	0	95809	N.D.	7.400	#
14)	L3 AR-1232-4	0.000	5.227	0	162616	N.D.	14.668	#
15)	L3 AR-1232-5	5.951	5.395	441518	111063	38.519	9.096	#
16)	L4 AR-1242-1	0.000	4.948	0	72186	N.D.	2.504	#
17)	L4 AR-1242-2	0.000	4.948	0	72186	N.D.	1.832	#
18)	L4 AR-1242-3	0.000	5.118	0	95809	N.D.	4.257	#
19)	L4 AR-1242-4	0.000	5.227	0	162616	N.D.	7.535	#
20)	L4 AR-1242-5	6.553f	5.727	1149148	1574808	35.267	54.741	#
21)	L5 AR-1248-1	0.000	4.948	0	72186	N.D.	3.280	#
22)	L5 AR-1248-2	5.951	5.160	441518	581814	10.402	19.352	#
23)	L5 AR-1248-3	0.000	5.227	0	162616	N.D.	5.248	#
24)	L5 AR-1248-4	6.553	5.395	1149148	111063	20.848	3.006	#
25)	L5 AR-1248-5	6.553f	5.768	1149148	646246	21.526	17.284	
26)	L6 AR-1254-1	6.529	5.727	1554095	1574808	26.858	28.604	
27)	L6 AR-1254-2	6.745	5.875	2614446	2094167	32.582	43.296	#
28)	L6 AR-1254-3	7.108	6.279	2624303	3134970	31.135	41.306	#
29)	L6 AR-1254-4	7.391	6.508	2022006	2029033	29.653	39.591	#
30)	L6 AR-1254-5	7.808	6.927	1250929	1948125	18.384	29.269	#
31)	L7 AR-1260-1	7.272	6.412	961679	1971266	16.457	40.873	#
32)	L7 AR-1260-2	7.527	6.599	1088311	1068663	13.986	17.432	
33)	L7 AR-1260-3	0.000	6.753	0	917157	N.D.	15.246	#
34)	L7 AR-1260-4	8.092	7.262	1092221	450543	16.555	9.696	#
35)	L7 AR-1260-5	8.394f	7.463	296610	258701	2.265	2.328	
36)	L8 AR-1262-1	8.092	6.927f	1092221	1948125	13.822	27.433	#
37)	L8 AR-1262-2	8.394f	7.262	296610	450543	1.940	7.388	#
38)	L8 AR-1262-3	0.000	7.748	0	120313	N.D.	2.300	#
39)	L8 AR-1262-4	0.000	7.813	0	686585	N.D.	7.428	#
40)	L8 AR-1262-5	0.000	8.386f	0	18783	N.D.	0.393	#
41)	L9 AR-1268-1	0.000	7.748	0	120313	N.D.	0.829	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 22:44
Operator : YP\AJ
Sample : Q1383-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:34:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.813	0	686585	N.D.	5.169 #
44) L9	AR-1268-4	0.000	8.386f	0	18783	N.D.	0.361 #
45) L9	AR-1268-5	0.000	8.619	0	206381	N.D.	0.579 #

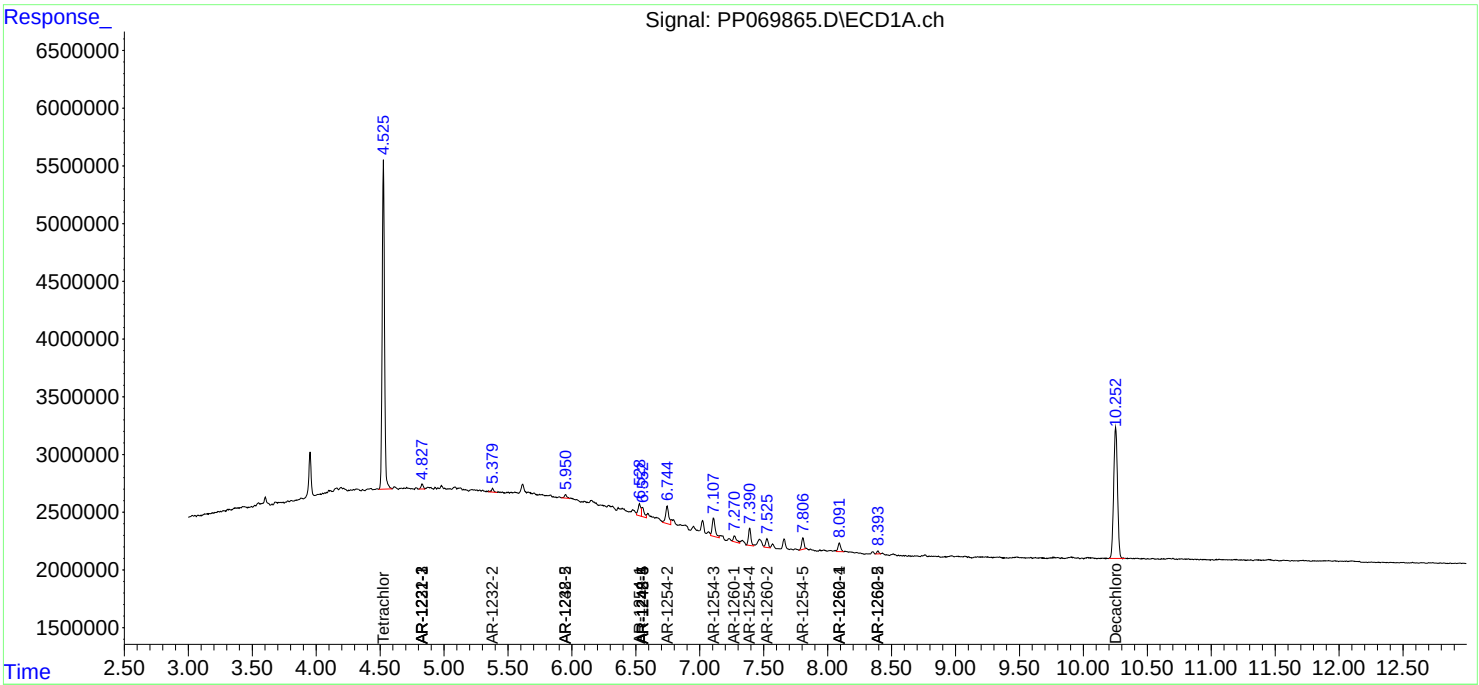
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

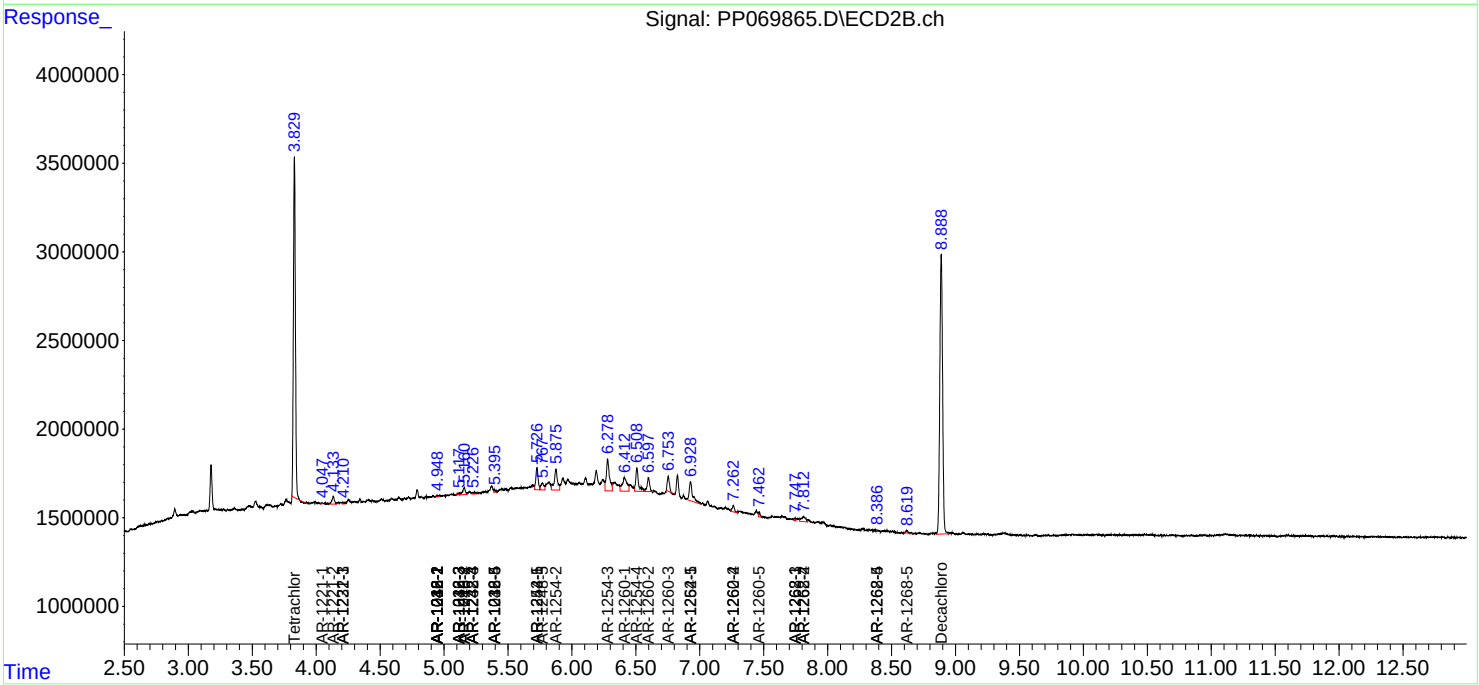
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 22:44
Operator : YP\AJ
Sample : Q1383-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

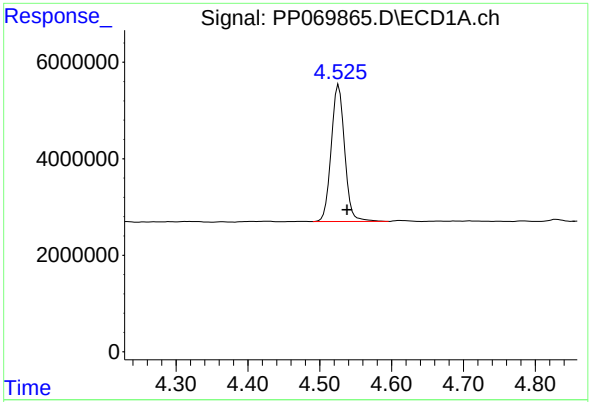
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:34:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



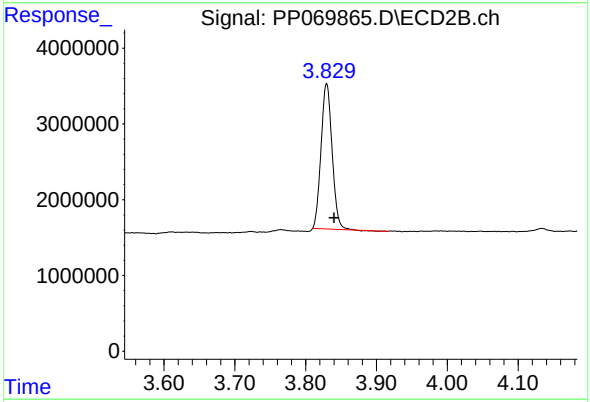




#1 Tetrachloro-m-xylene

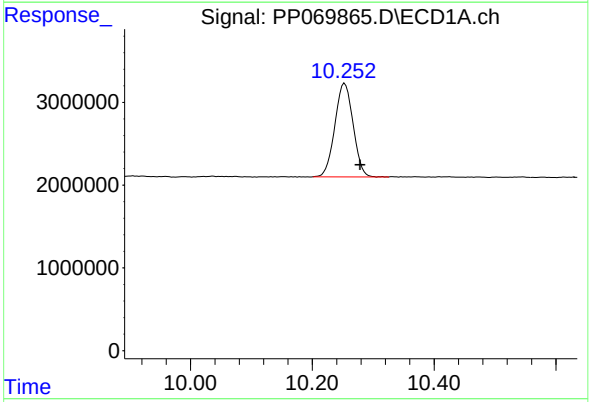
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 36701229
Conc: 25.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



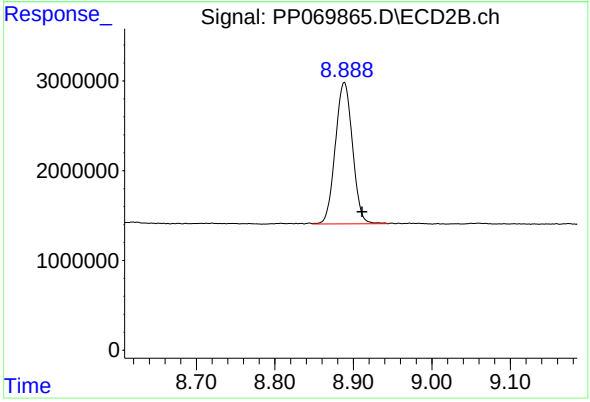
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 20753764
Conc: 23.25 ng/ml



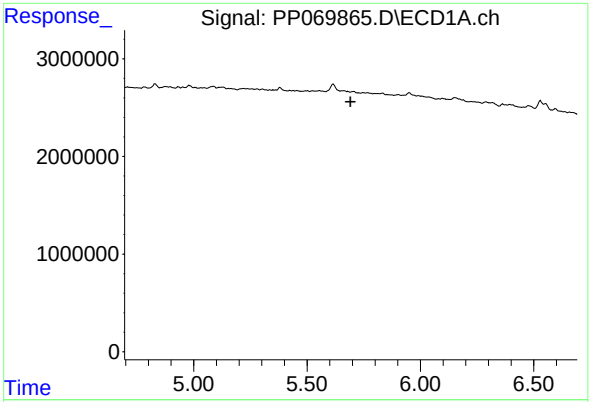
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.025 min
Response: 23545929
Conc: 21.54 ng/ml



#2 Decachlorobiphenyl

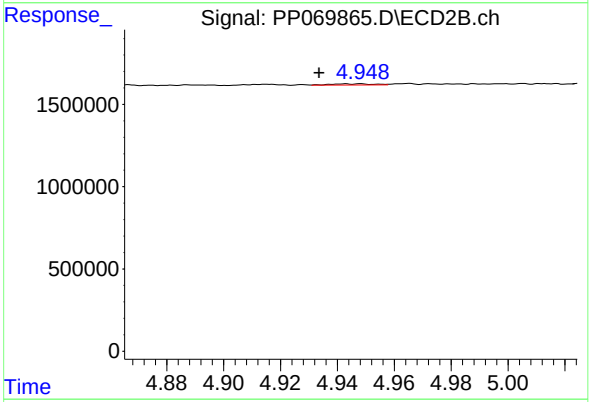
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 23968208
Conc: 21.43 ng/ml



#3 AR-1016-1

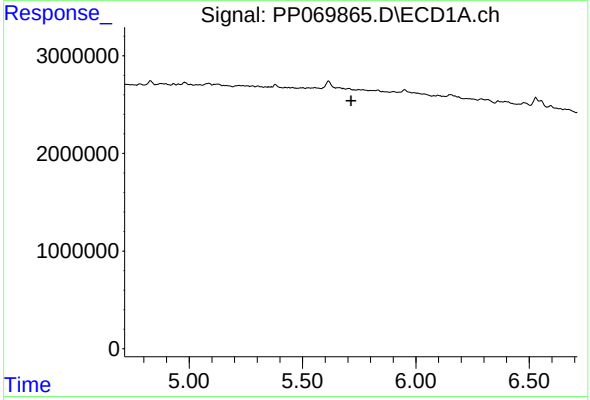
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



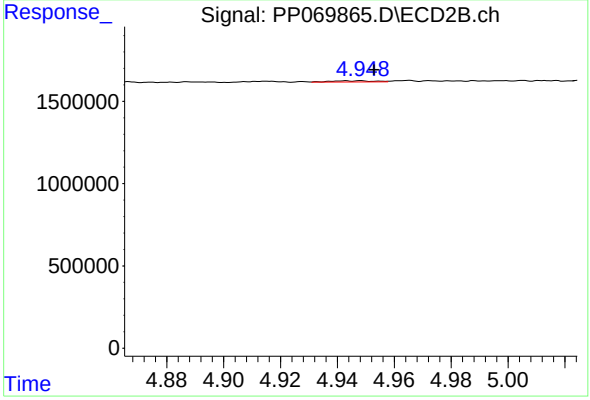
#3 AR-1016-1

R.T.: 4.948 min
Delta R.T.: 0.015 min
Response: 72186
Conc: 2.21 ng/ml



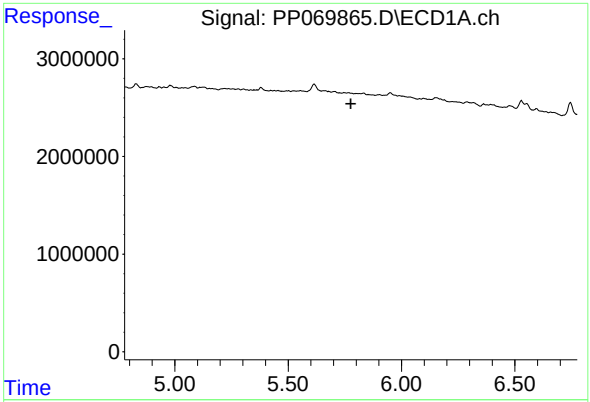
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

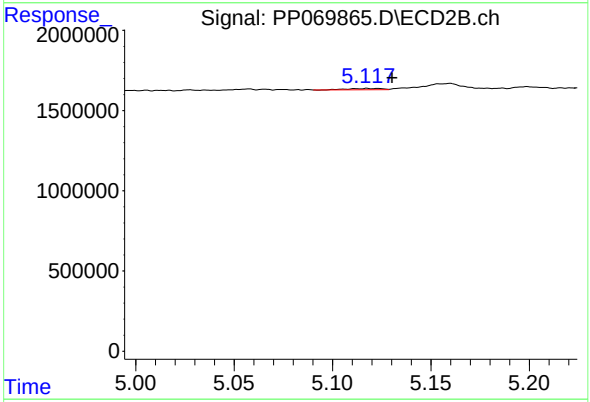
R.T.: 4.948 min
Delta R.T.: -0.005 min
Response: 72186
Conc: 1.61 ng/ml



#5 AR-1016-3

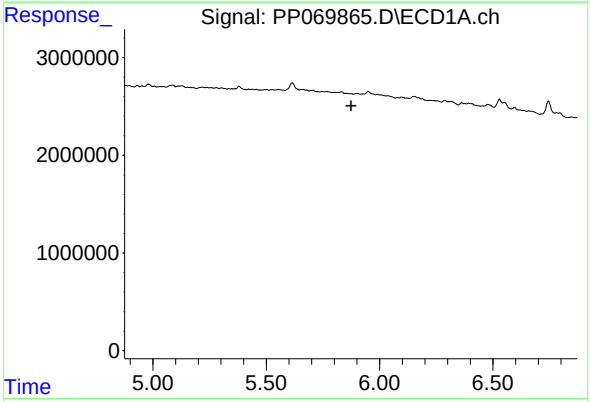
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



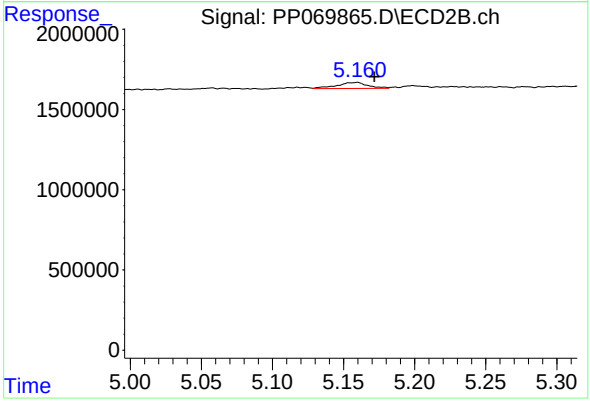
#5 AR-1016-3

R.T.: 5.118 min
Delta R.T.: -0.013 min
Response: 95809
Conc: 3.85 ng/ml



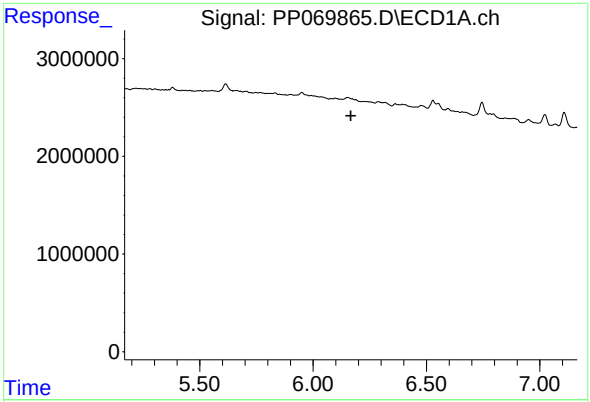
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

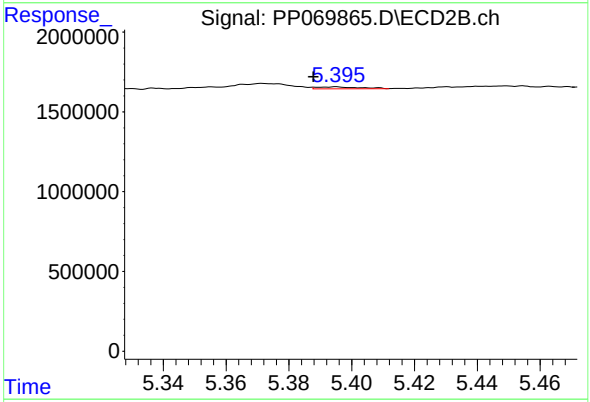
R.T.: 5.160 min
Delta R.T.: -0.012 min
Response: 581814
Conc: 28.81 ng/ml



#7 AR-1016-5

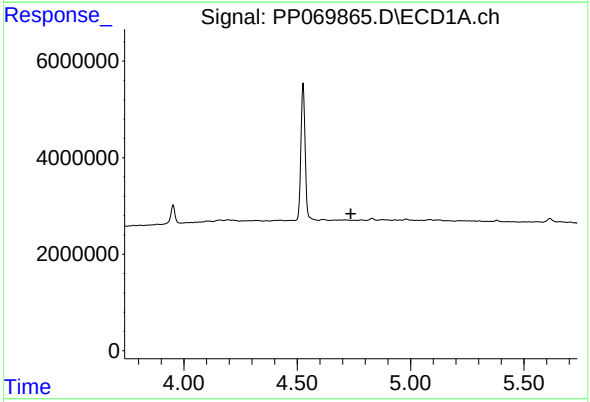
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



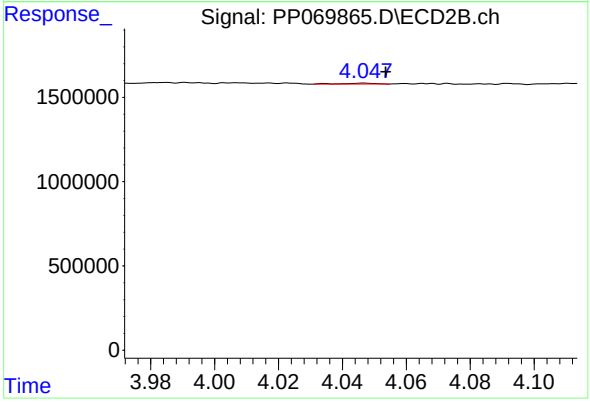
#7 AR-1016-5

R.T.: 5.395 min
Delta R.T.: 0.007 min
Response: 111063
Conc: 4.14 ng/ml



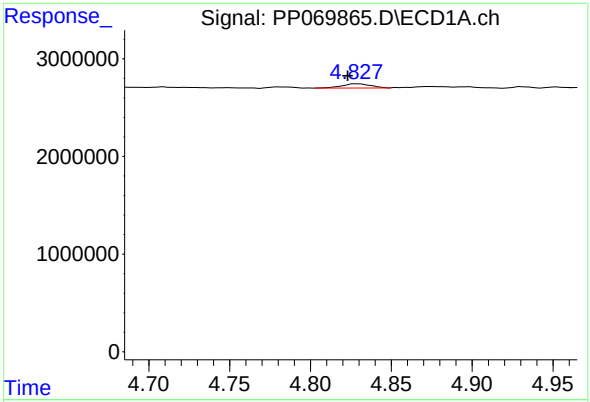
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

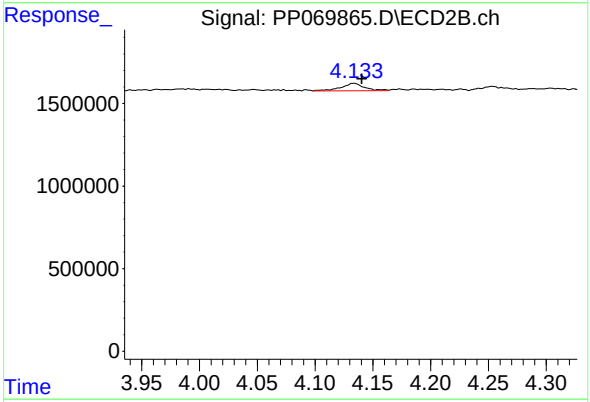
R.T.: 4.047 min
Delta R.T.: -0.007 min
Response: 41244
Conc: 3.35 ng/ml



#9 AR-1221-2

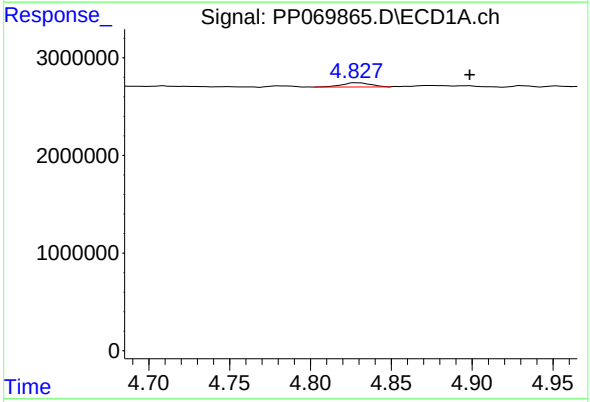
R.T.: 4.829 min
Delta R.T.: 0.006 min
Response: 528579
Conc: 38.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



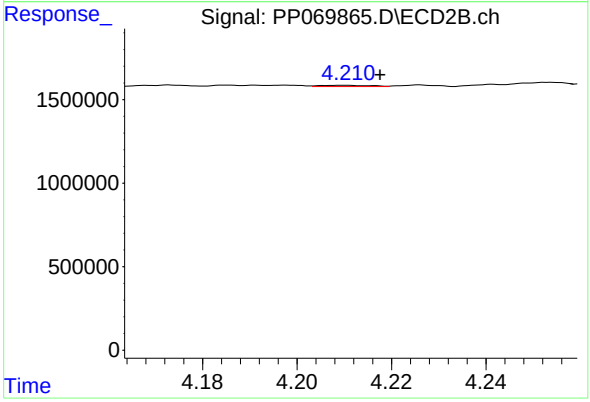
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.007 min
Response: 636579
Conc: 65.74 ng/ml



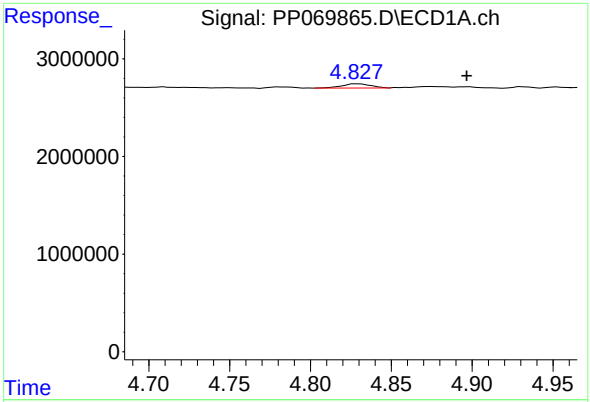
#10 AR-1221-3

R.T.: 4.829 min
Delta R.T.: -0.069 min
Response: 528579
Conc: 12.60 ng/ml



#10 AR-1221-3

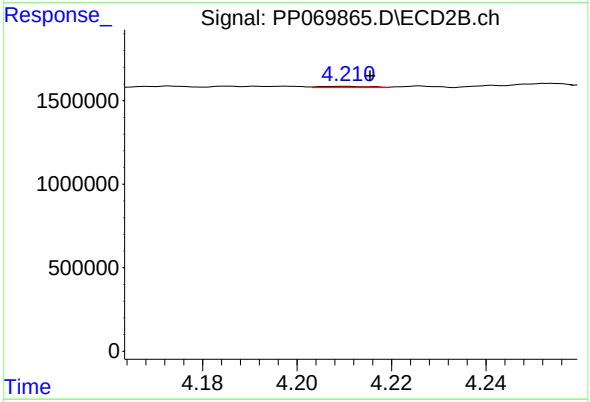
R.T.: 4.210 min
Delta R.T.: -0.008 min
Response: 58888
Conc: 2.02 ng/ml



#11 AR-1232-1

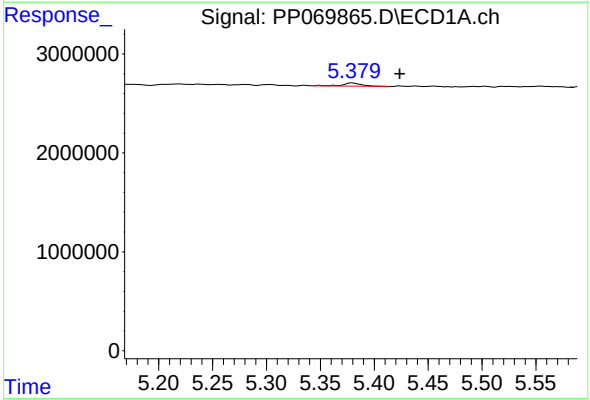
R.T.: 4.829 min
Delta R.T.: -0.068 min
Response: 528579
Conc: 15.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



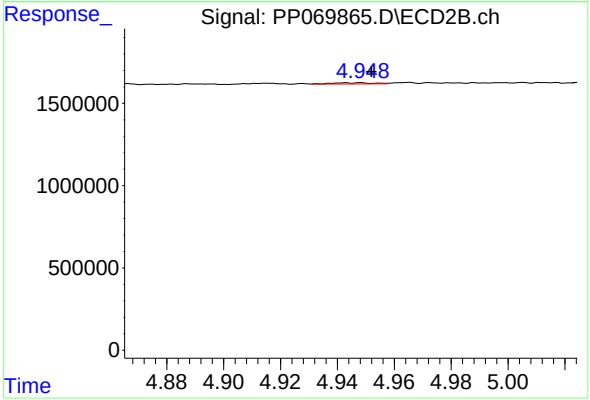
#11 AR-1232-1

R.T.: 4.210 min
Delta R.T.: -0.006 min
Response: 58888
Conc: 2.51 ng/ml



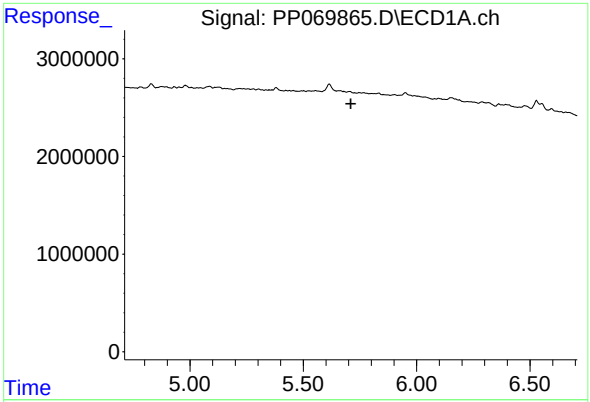
#12 AR-1232-2

R.T.: 5.380 min
Delta R.T.: -0.043 min
Response: 401638
Conc: 24.58 ng/ml



#12 AR-1232-2

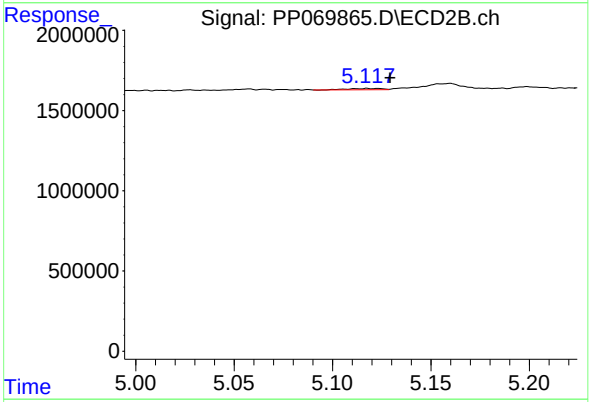
R.T.: 4.948 min
Delta R.T.: -0.004 min
Response: 72186
Conc: 3.06 ng/ml



#13 AR-1232-3

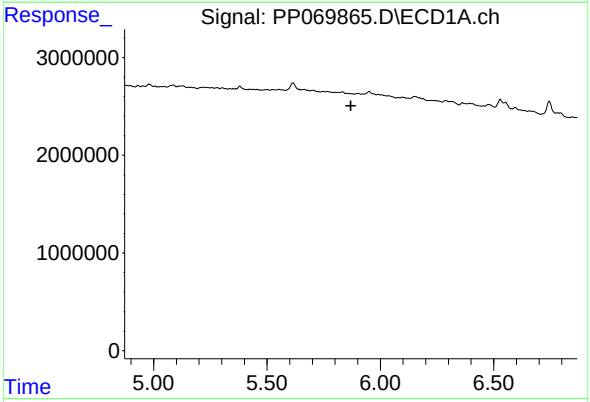
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



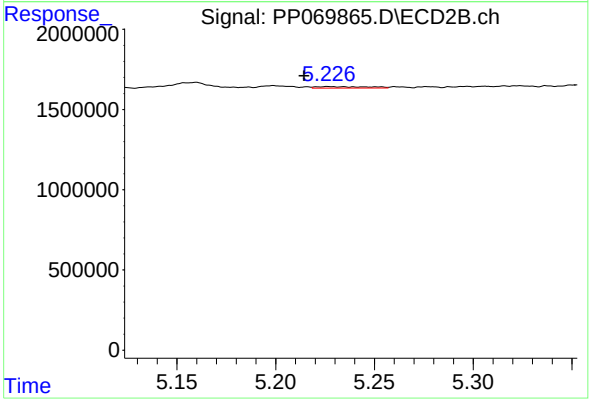
#13 AR-1232-3

R.T.: 5.118 min
Delta R.T.: -0.012 min
Response: 95809
Conc: 7.40 ng/ml



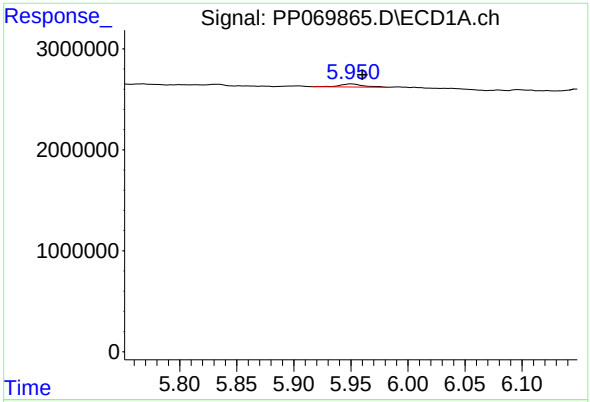
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

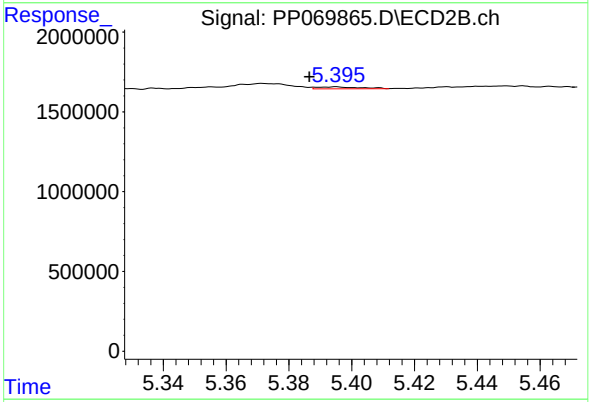
R.T.: 5.227 min
Delta R.T.: 0.012 min
Response: 162616
Conc: 14.67 ng/ml



#15 AR-1232-5

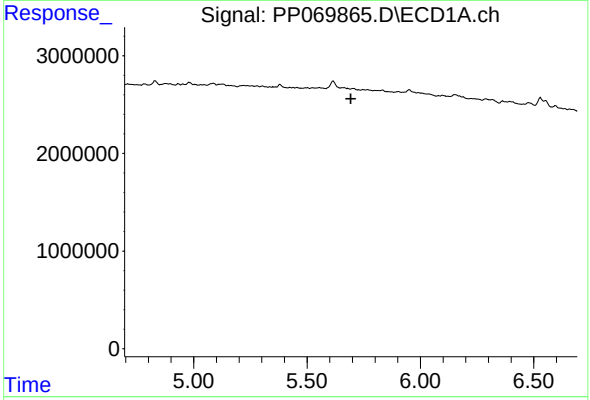
R.T.: 5.951 min
Delta R.T.: -0.009 min
Response: 441518
Conc: 38.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



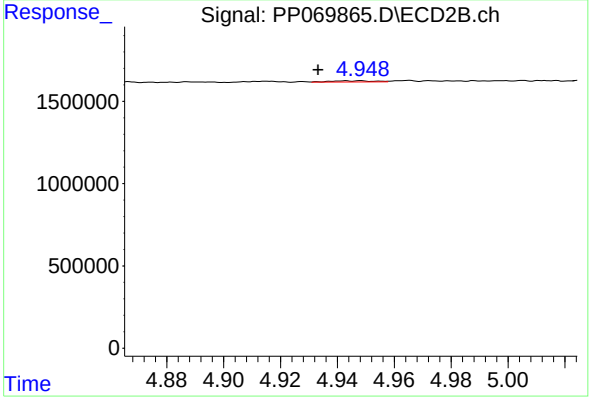
#15 AR-1232-5

R.T.: 5.395 min
Delta R.T.: 0.008 min
Response: 111063
Conc: 9.10 ng/ml



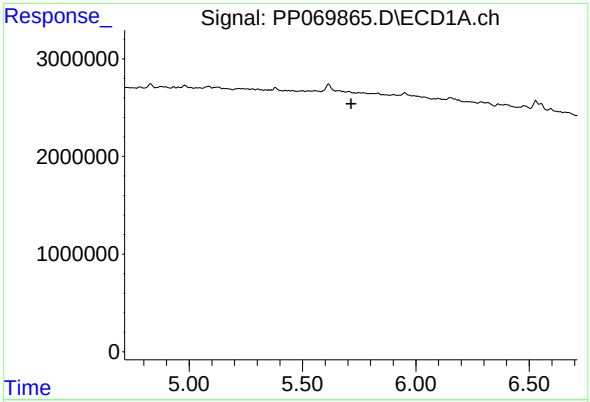
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

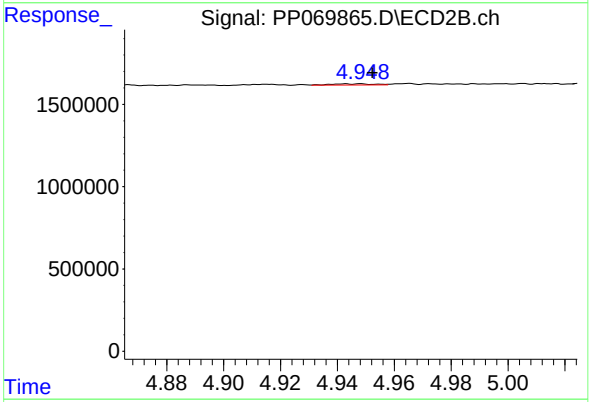
R.T.: 4.948 min
Delta R.T.: 0.015 min
Response: 72186
Conc: 2.50 ng/ml



#17 AR-1242-2

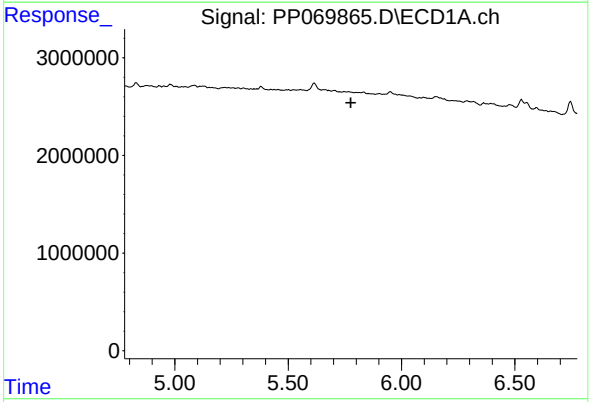
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



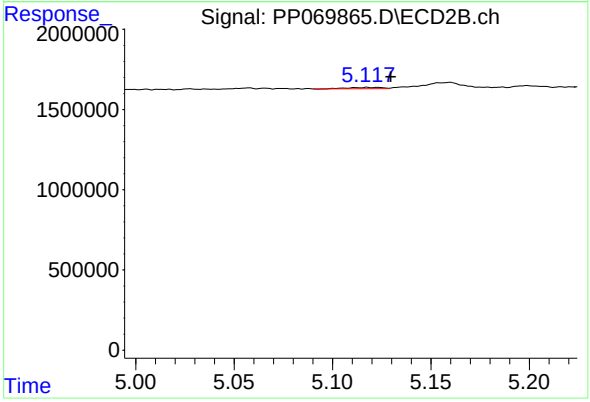
#17 AR-1242-2

R.T.: 4.948 min
Delta R.T.: -0.004 min
Response: 72186
Conc: 1.83 ng/ml



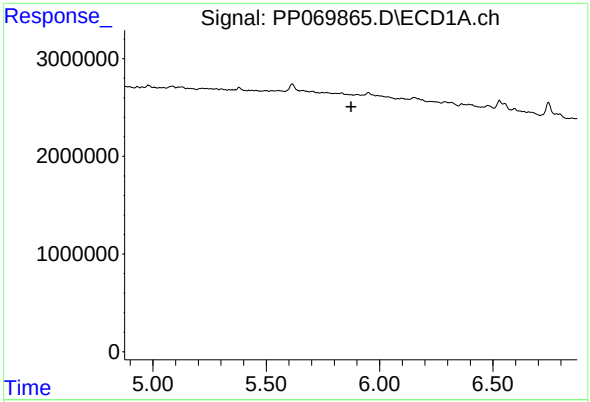
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

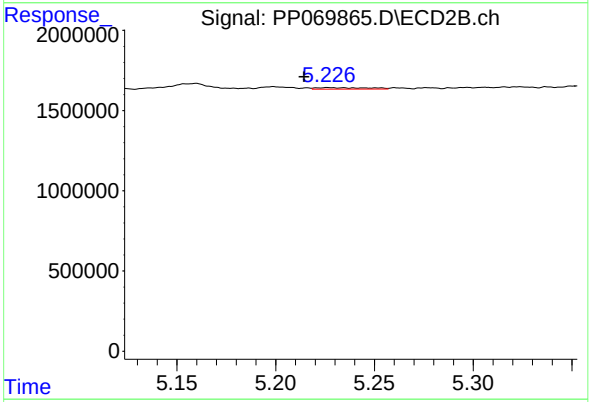
R.T.: 5.118 min
Delta R.T.: -0.012 min
Response: 95809
Conc: 4.26 ng/ml



#19 AR-1242-4

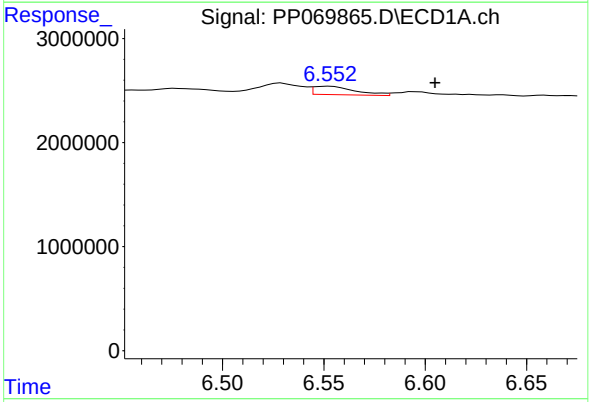
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



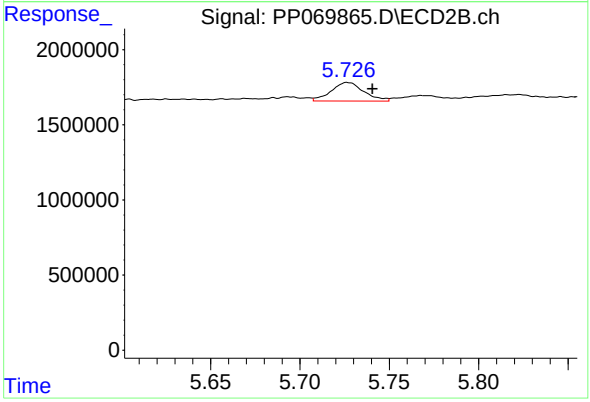
#19 AR-1242-4

R.T.: 5.227 min
Delta R.T.: 0.012 min
Response: 162616
Conc: 7.53 ng/ml



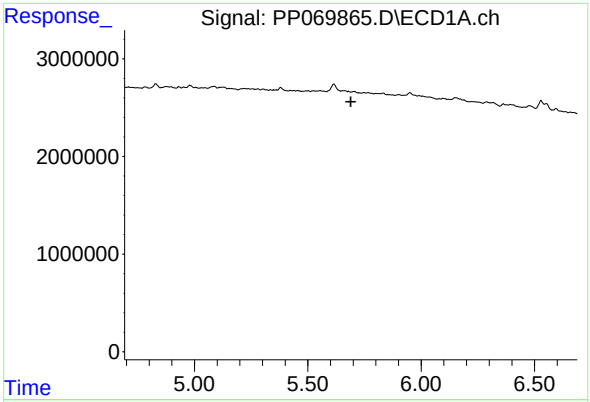
#20 AR-1242-5

R.T.: 6.553 min
Delta R.T.: -0.052 min
Response: 1149148
Conc: 35.27 ng/ml



#20 AR-1242-5

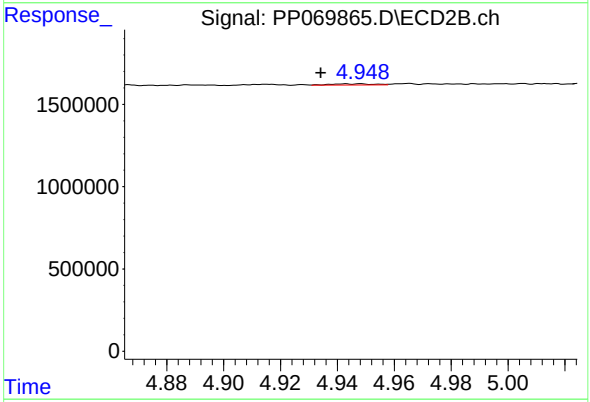
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 1574808
Conc: 54.74 ng/ml



#21 AR-1248-1

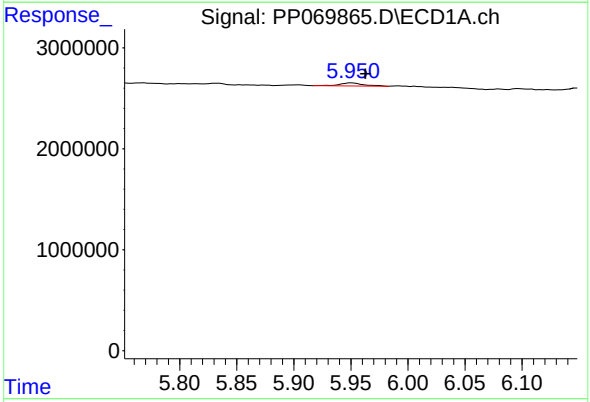
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



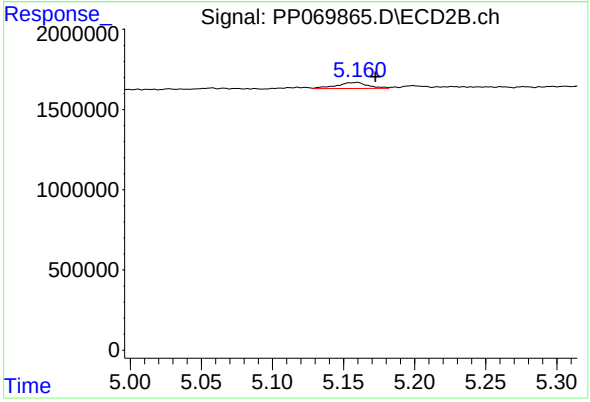
#21 AR-1248-1

R.T.: 4.948 min
Delta R.T.: 0.014 min
Response: 72186
Conc: 3.28 ng/ml



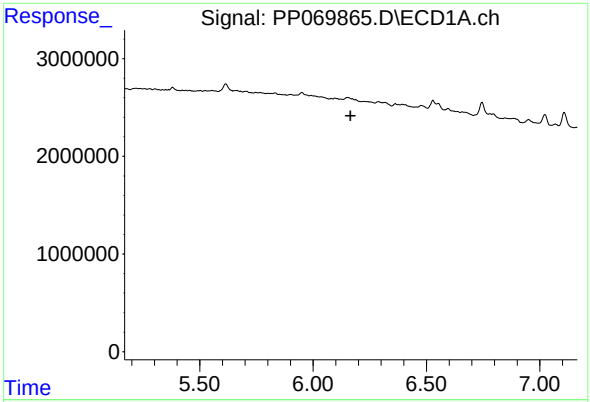
#22 AR-1248-2

R.T.: 5.951 min
Delta R.T.: -0.012 min
Response: 441518
Conc: 10.40 ng/ml



#22 AR-1248-2

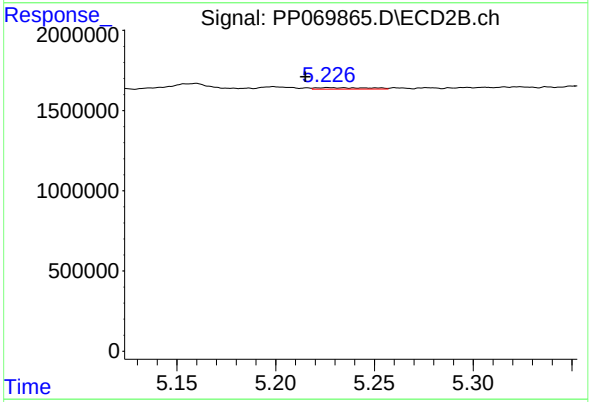
R.T.: 5.160 min
Delta R.T.: -0.013 min
Response: 581814
Conc: 19.35 ng/ml



#23 AR-1248-3

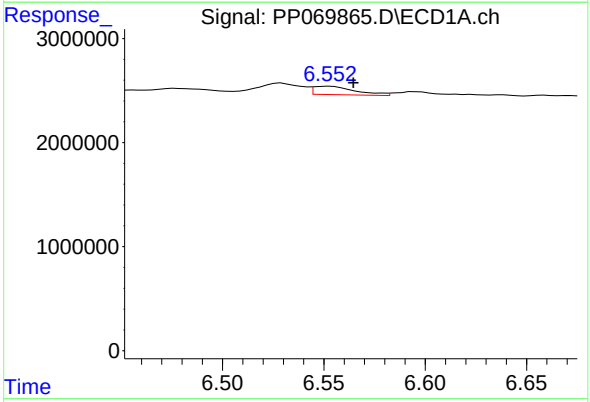
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



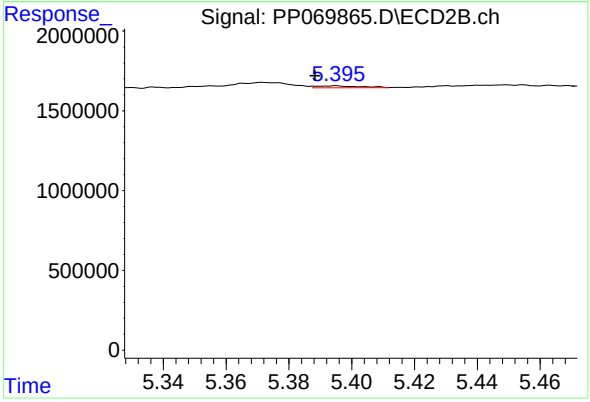
#23 AR-1248-3

R.T.: 5.227 min
Delta R.T.: 0.012 min
Response: 162616
Conc: 5.25 ng/ml



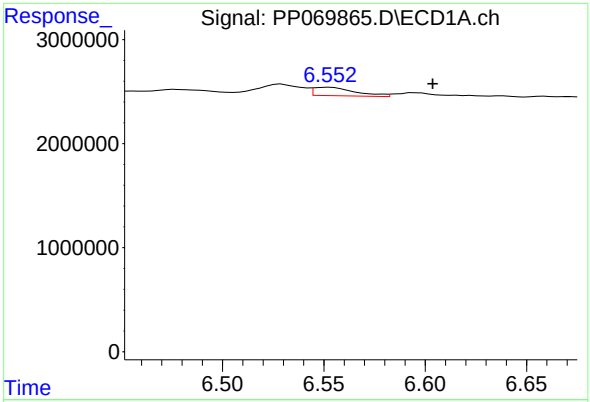
#24 AR-1248-4

R.T.: 6.553 min
Delta R.T.: -0.012 min
Response: 1149148
Conc: 20.85 ng/ml



#24 AR-1248-4

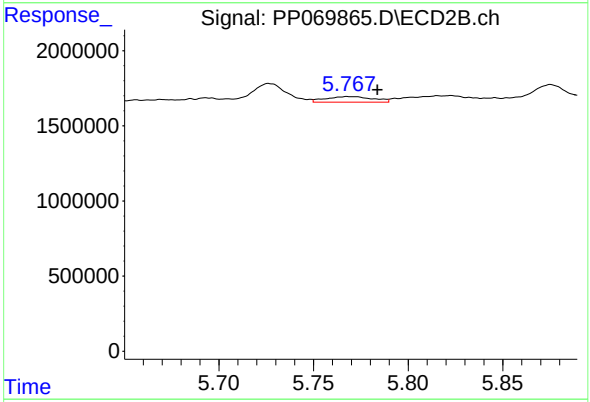
R.T.: 5.395 min
Delta R.T.: 0.007 min
Response: 111063
Conc: 3.01 ng/ml



#25 AR-1248-5

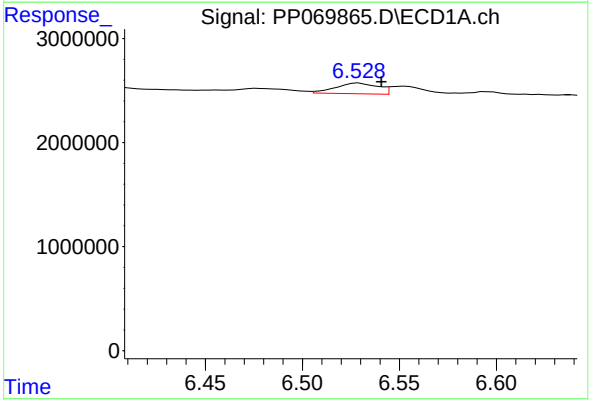
R.T.: 6.553 min
Delta R.T.: -0.051 min
Response: 1149148
Conc: 21.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



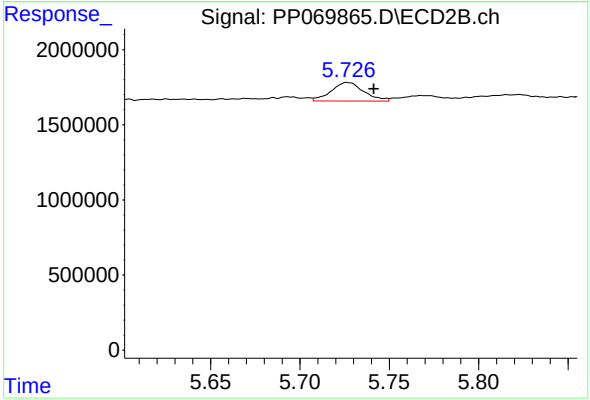
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.015 min
Response: 646246
Conc: 17.28 ng/ml



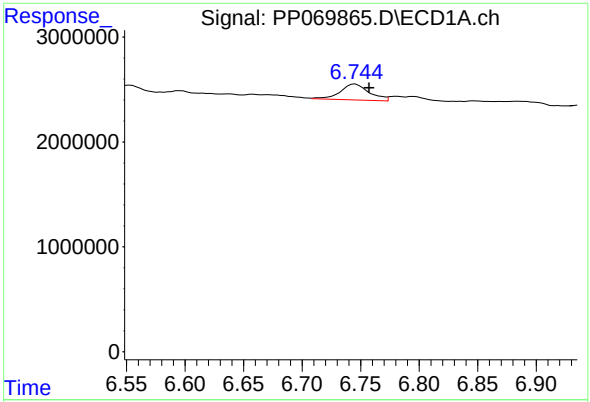
#26 AR-1254-1

R.T.: 6.529 min
Delta R.T.: -0.011 min
Response: 1554095
Conc: 26.86 ng/ml



#26 AR-1254-1

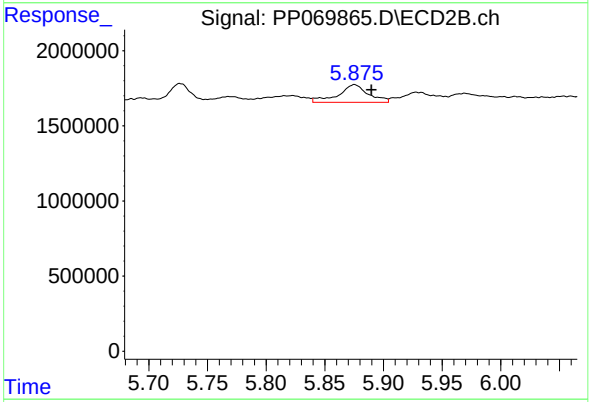
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 1574808
Conc: 28.60 ng/ml



#27 AR-1254-2

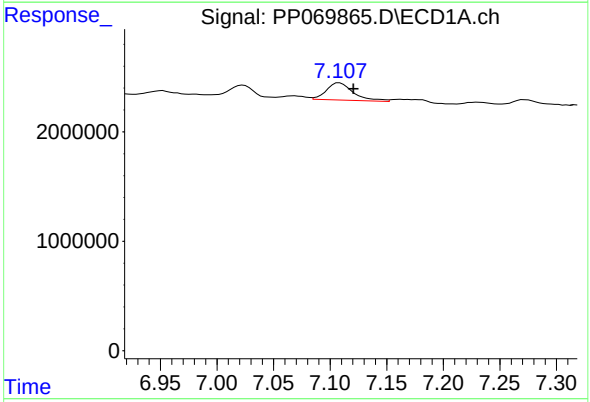
R.T.: 6.745 min
Delta R.T.: -0.012 min
Response: 2614446
Conc: 32.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



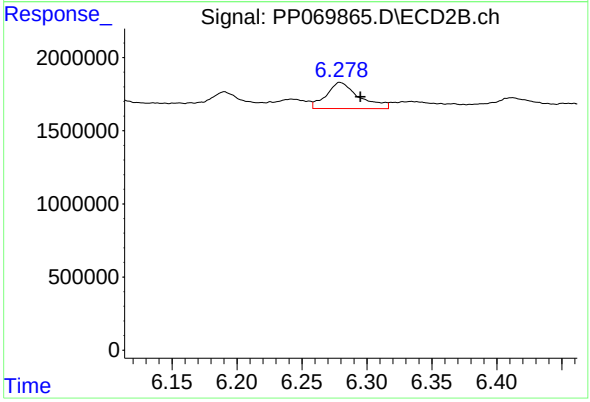
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 2094167
Conc: 43.30 ng/ml



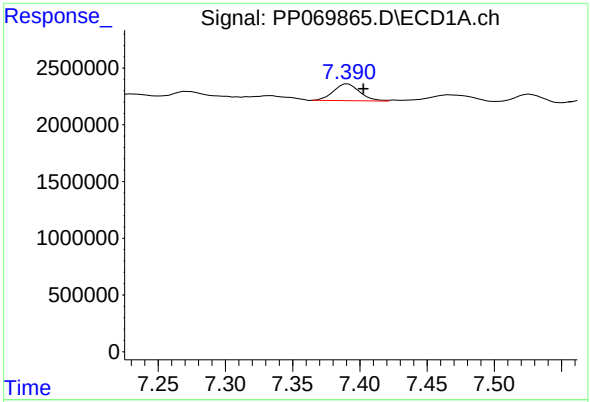
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: -0.012 min
Response: 2624303
Conc: 31.13 ng/ml



#28 AR-1254-3

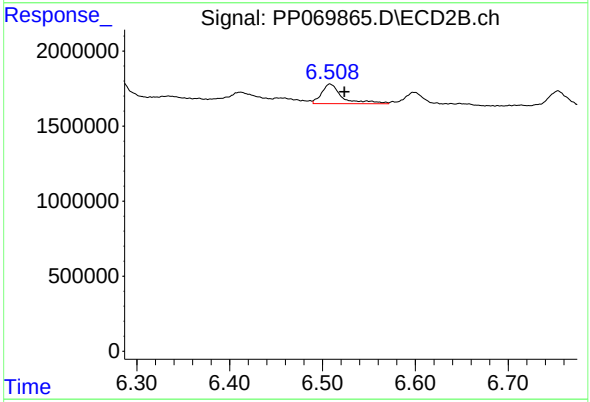
R.T.: 6.279 min
Delta R.T.: -0.015 min
Response: 3134970
Conc: 41.31 ng/ml



#29 AR-1254-4

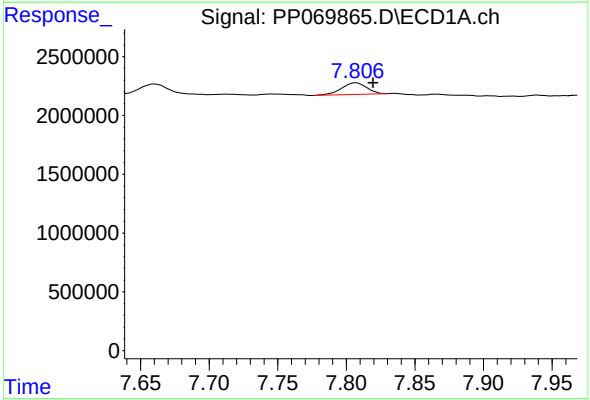
R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 2022006
Conc: 29.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



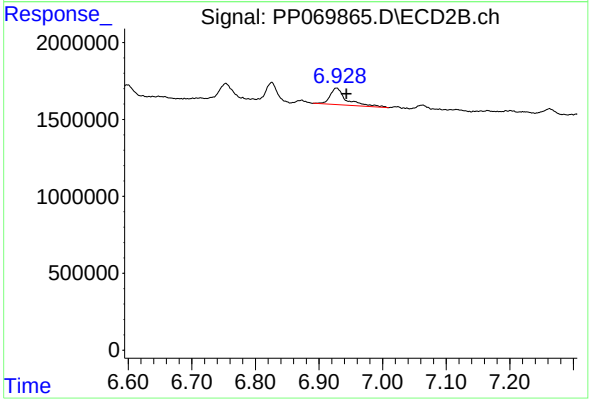
#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 2029033
Conc: 39.59 ng/ml



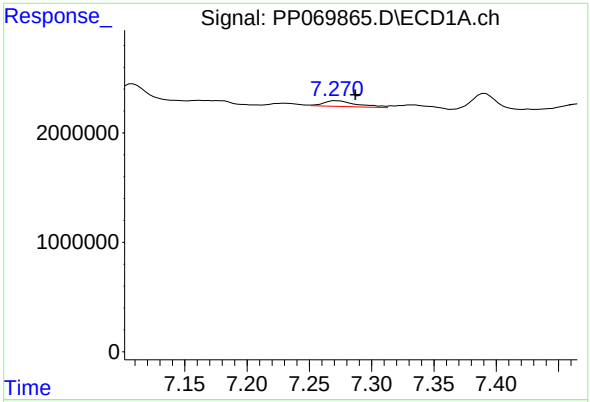
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.012 min
Response: 1250929
Conc: 18.38 ng/ml



#30 AR-1254-5

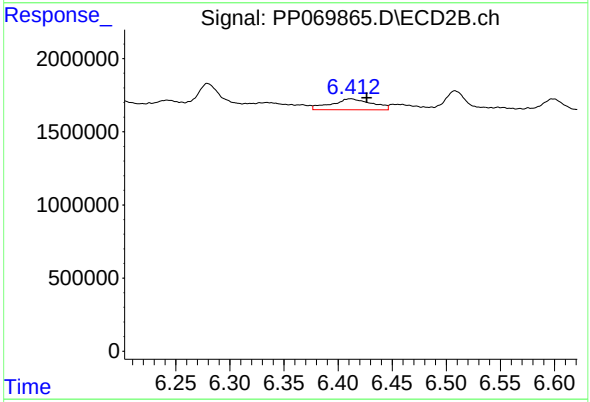
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 1948125
Conc: 29.27 ng/ml



#31 AR-1260-1

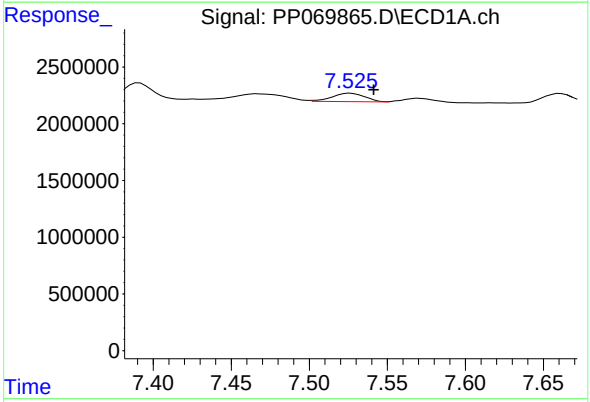
R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 961679
Conc: 16.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



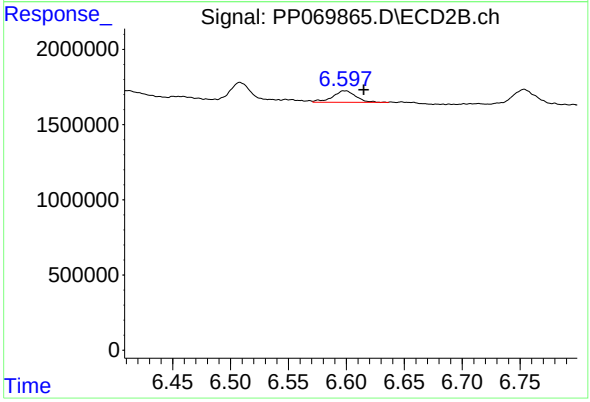
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 1971266
Conc: 40.87 ng/ml



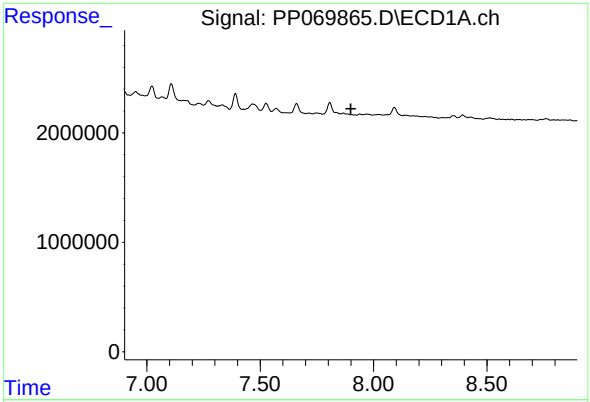
#32 AR-1260-2

R.T.: 7.527 min
Delta R.T.: -0.015 min
Response: 1088311
Conc: 13.99 ng/ml



#32 AR-1260-2

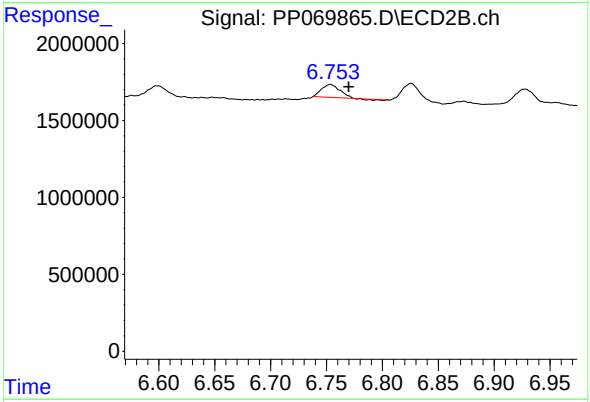
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 1068663
Conc: 17.43 ng/ml



#33 AR-1260-3

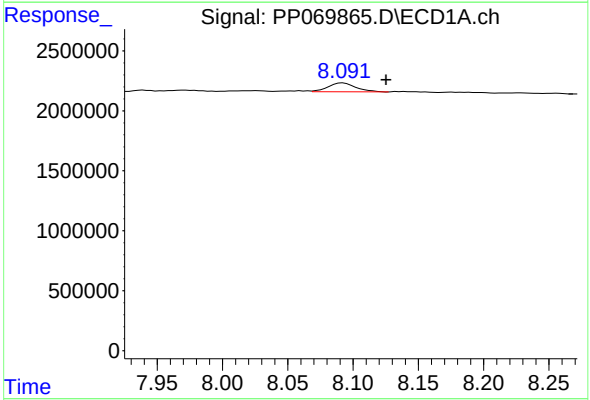
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



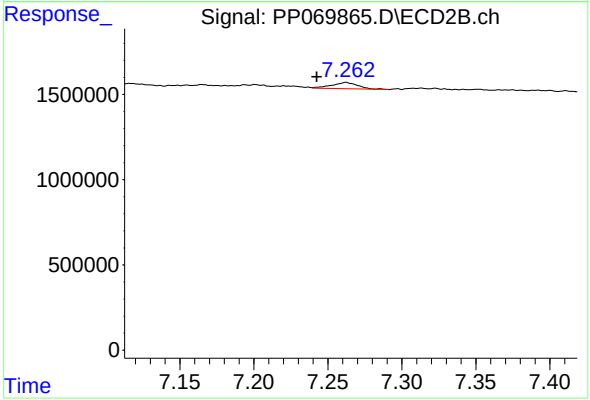
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.016 min
Response: 917157
Conc: 15.25 ng/ml



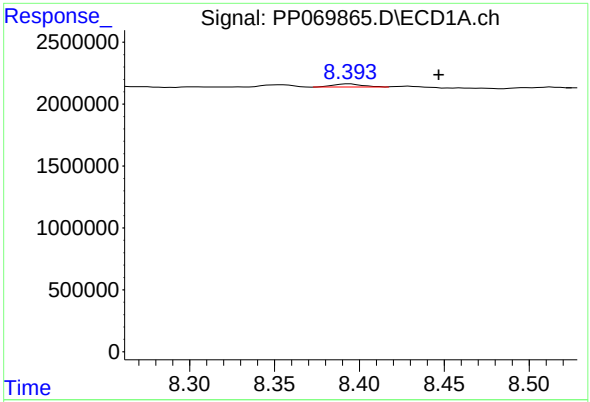
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.033 min
Response: 1092221
Conc: 16.55 ng/ml



#34 AR-1260-4

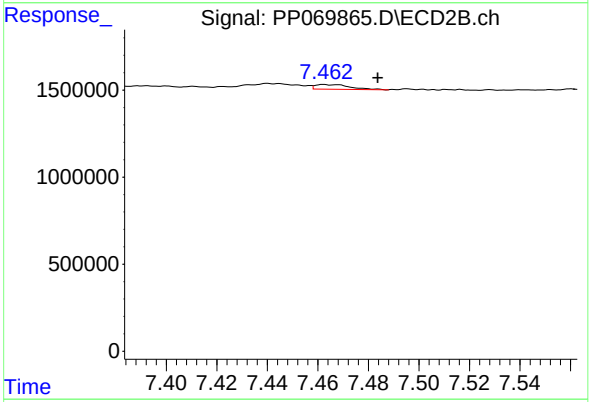
R.T.: 7.262 min
Delta R.T.: 0.020 min
Response: 450543
Conc: 9.70 ng/ml



#35 AR-1260-5

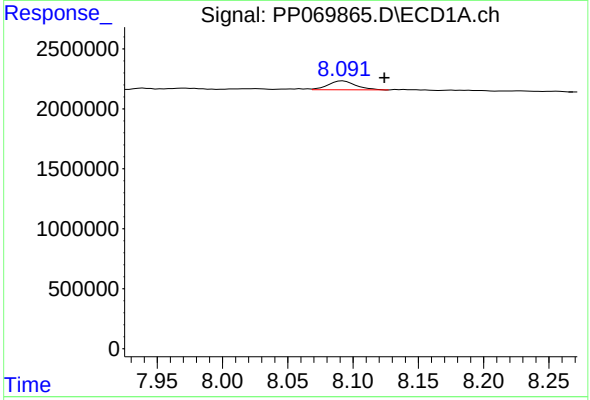
R.T.: 8.394 min
Delta R.T.: -0.053 min
Response: 296610
Conc: 2.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



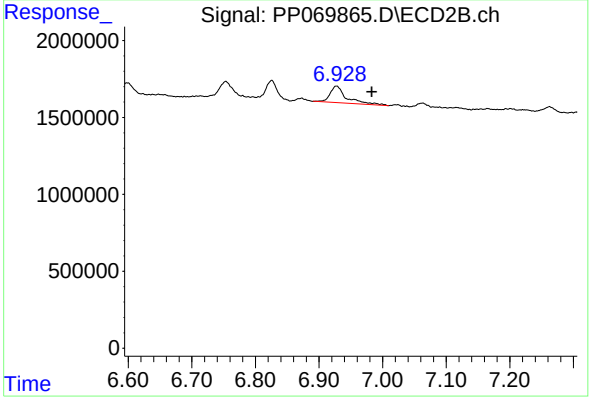
#35 AR-1260-5

R.T.: 7.463 min
Delta R.T.: -0.021 min
Response: 258701
Conc: 2.33 ng/ml



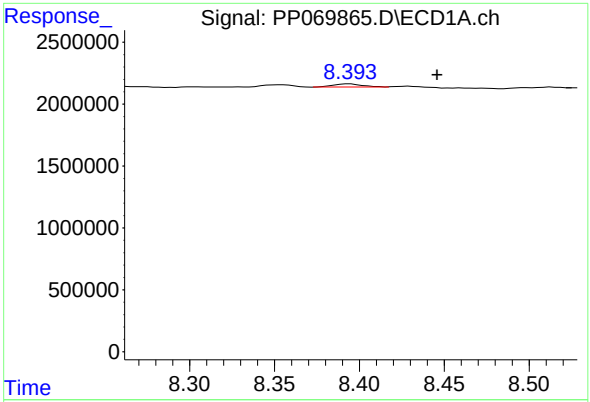
#36 AR-1262-1

R.T.: 8.092 min
Delta R.T.: -0.032 min
Response: 1092221
Conc: 13.82 ng/ml



#36 AR-1262-1

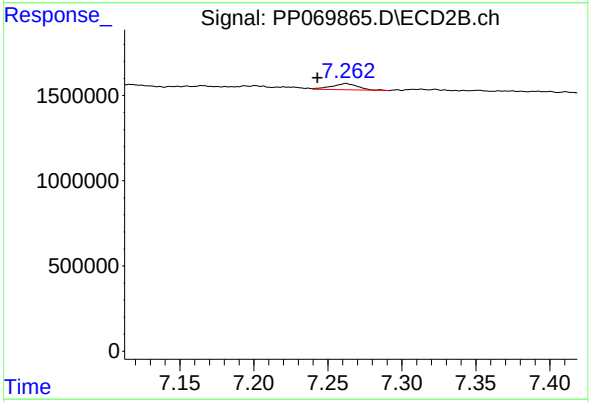
R.T.: 6.927 min
Delta R.T.: -0.056 min
Response: 1948125
Conc: 27.43 ng/ml



#37 AR-1262-2

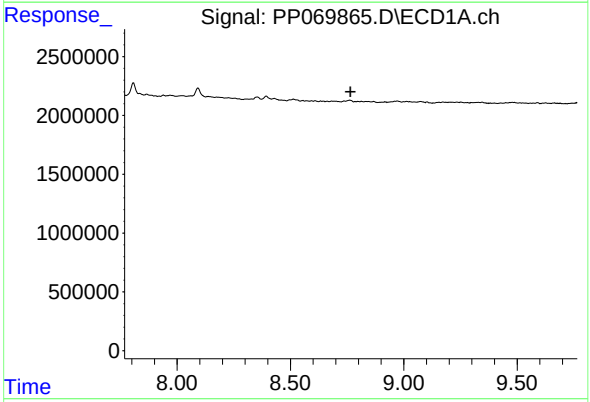
R.T.: 8.394 min
Delta R.T.: -0.052 min
Response: 296610
Conc: 1.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



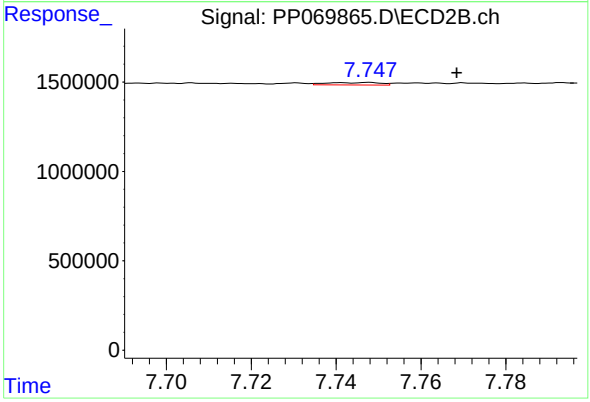
#37 AR-1262-2

R.T.: 7.262 min
Delta R.T.: 0.019 min
Response: 450543
Conc: 7.39 ng/ml



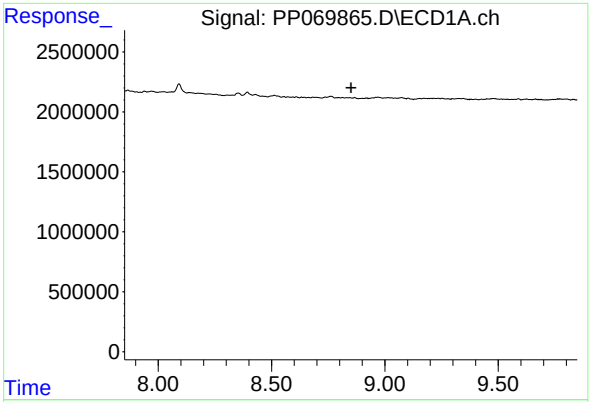
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

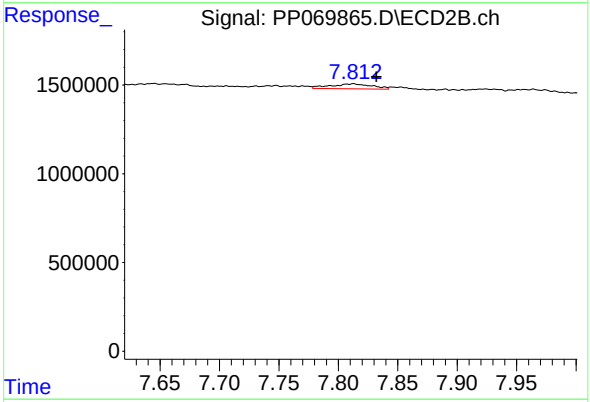
R.T.: 7.748 min
Delta R.T.: -0.021 min
Response: 120313
Conc: 2.30 ng/ml



#39 AR-1262-4

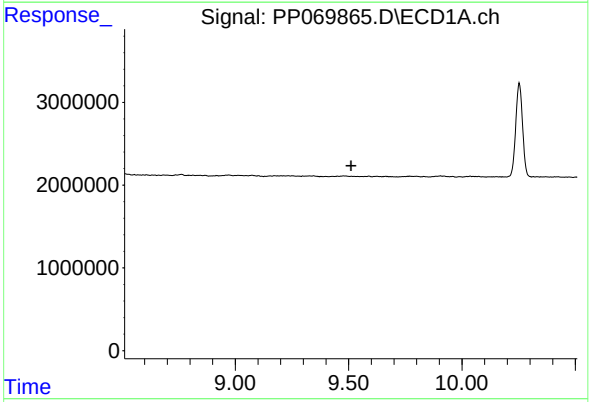
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



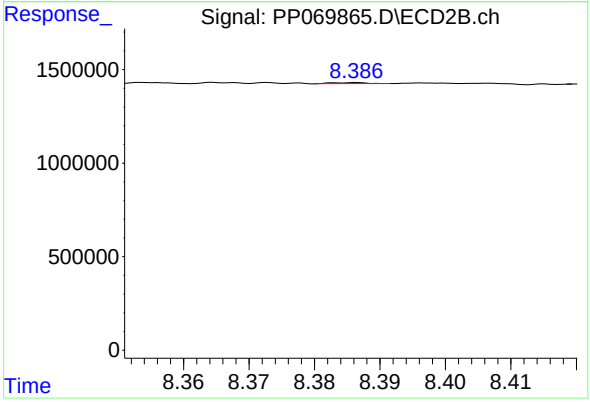
#39 AR-1262-4

R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 686585
Conc: 7.43 ng/ml



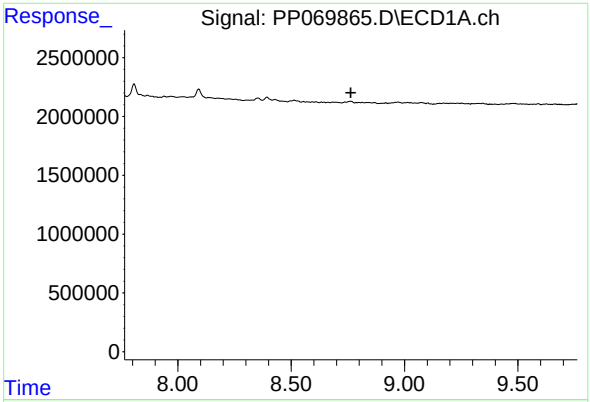
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

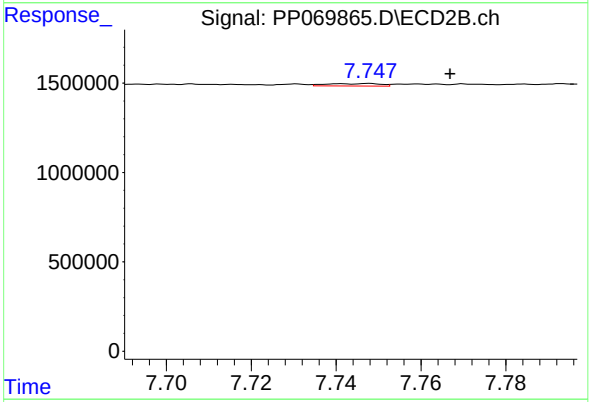
R.T.: 8.386 min
Delta R.T.: 0.050 min
Response: 18783
Conc: 0.39 ng/ml



#41 AR-1268-1

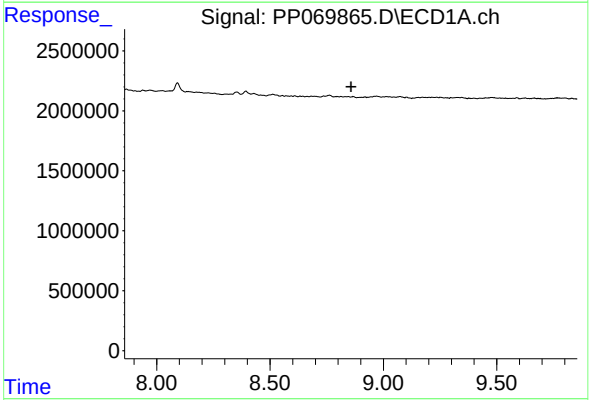
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



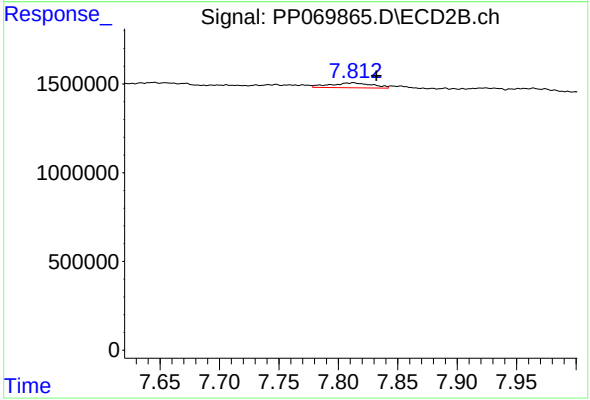
#41 AR-1268-1

R.T.: 7.748 min
Delta R.T.: -0.019 min
Response: 120313
Conc: 0.83 ng/ml



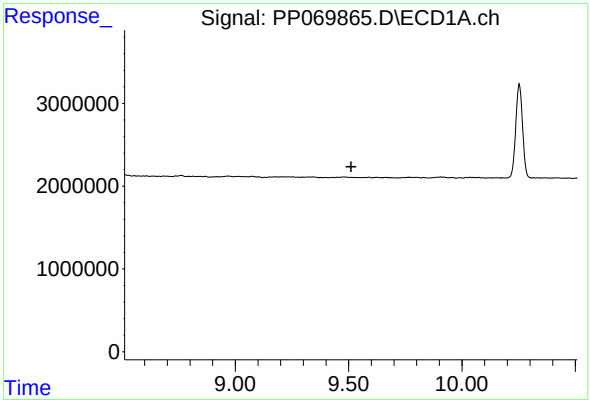
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

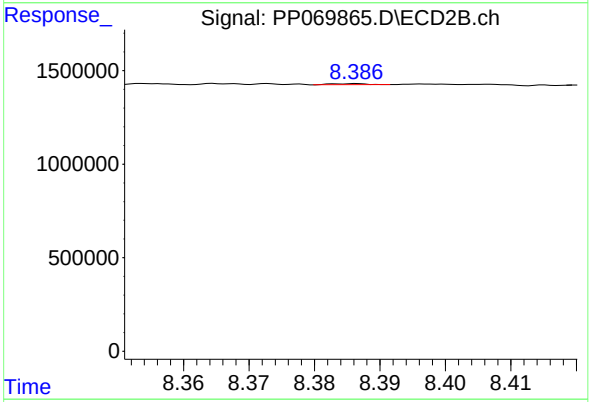
R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 686585
Conc: 5.17 ng/ml



#44 AR-1268-4

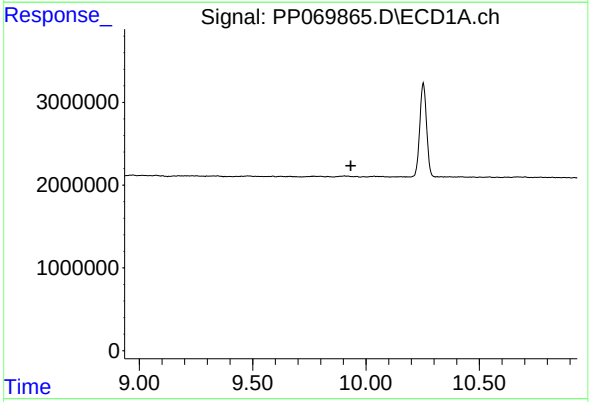
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725



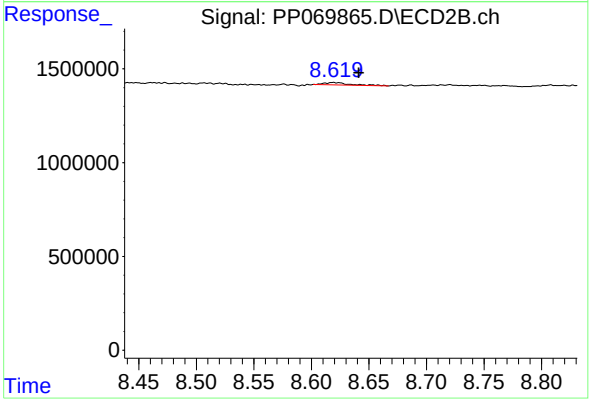
#44 AR-1268-4

R.T.: 8.386 min
Delta R.T.: 0.051 min
Response: 18783
Conc: 0.36 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.619 min
Delta R.T.: -0.022 min
Response: 206381
Conc: 0.58 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 23:00
Operator : YP\AJ
Sample : Q1383-01MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:34:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.829	34125127	20406456	23.839	22.863	
2)	SA Decachlor...	10.248	8.888	22392144	22680923	20.489	20.278	
	Target Compounds							
3)	L1 AR-1016-1	5.697	4.939	35786202	21611449	772.370	662.622	
4)	L1 AR-1016-2	5.697	4.939	35786202	21611449	527.220	480.699	
5)	L1 AR-1016-3	5.760	5.117	21692342	12489769	509.251	501.920	
6)	L1 AR-1016-4	5.857	5.158	18590336	9861989	531.145	488.307	
7)	L1 AR-1016-5	6.150	5.373	14143125	12615528	427.821	470.309	
8)	L2 AR-1221-1	4.720	4.039	2326131	1770120	122.303	143.702	
9)	L2 AR-1221-2	4.809	4.129	2910590	2403902	212.568	248.250	
10)	L2 AR-1221-3	4.885	4.204	12873219	8863080	306.919	303.799	
11)	L3 AR-1232-1	4.885	4.204	12873219	8863080	386.657	377.482	
12)	L3 AR-1232-2	5.411	4.939	17473607	21611449	1069.245	916.836	
13)	L3 AR-1232-3	5.697	5.117	35786202	12489769	1041.539	964.666	
14)	L3 AR-1232-4	5.857	5.201	18590336	11881043	1043.451	1071.686	
15)	L3 AR-1232-5	5.947	5.373	14977985	12615528	1306.704	1033.186	
16)	L4 AR-1242-1	5.697	4.939	35786202	21611449	858.074	749.564	
17)	L4 AR-1242-2	5.697	4.939	35786202	21611449	606.639	548.545	
18)	L4 AR-1242-3	5.760	5.117	21692342	12489769	584.721	555.000	
19)	L4 AR-1242-4	5.857	5.201	18590336	11881043	566.871	550.501	
20)	L4 AR-1242-5	6.588	5.727	2865557	10584021	87.943	367.905	#
21)	L5 AR-1248-1	5.697	4.939	35786202	21611449	1103.182	981.867	
22)	L5 AR-1248-2	5.947	5.158	14977985	9861989	352.868	328.027	
23)	L5 AR-1248-3	6.150	5.201	14143125	11881043	301.000	383.454	#
24)	L5 AR-1248-4	6.588	5.373	2865557	12615528	51.986	341.480	#
25)	L5 AR-1248-5	6.588	5.767	2865557	1865662	53.678	49.898	
26)	L6 AR-1254-1	6.525	5.727	15630524	10584021	270.127	192.242	#
27)	L6 AR-1254-2	6.741	5.875	14320842	10920602	178.471	225.778	#
28)	L6 AR-1254-3	7.104	6.296	7175098	24322536	85.126	320.472	#
29)	L6 AR-1254-4	7.387	6.539	5230198	7131082	76.703	139.144	#
30)	L6 AR-1254-5	7.802	6.927	47544300	33704013	698.707	506.367	#
31)	L7 AR-1260-1	7.269	6.411	28830840	26134221	493.372	541.872	
32)	L7 AR-1260-2	7.523	6.599	38015259	32788627	488.547	534.856	
33)	L7 AR-1260-3	7.881	6.753	25822098	18102628	413.026	300.926	#
34)	L7 AR-1260-4	8.105	7.225	32593429	20885158	494.014	449.455	
35)	L7 AR-1260-5	8.426	7.466	56299064	52081009	430.007	468.586	
36)	L8 AR-1262-1	8.105	6.966	32593429	24075471	412.480	339.028	
37)	L8 AR-1262-2	8.426	7.225	56299064	20885158	368.152	342.495	
38)	L8 AR-1262-3	8.751	7.749	35947039	11298669	338.230	216.039	#
39)	L8 AR-1262-4	8.827	7.812	8874394	35975247	108.498	389.189	#
40)	L8 AR-1262-5	9.487	8.316	14143776	12526579	249.845	262.105	
41)	L9 AR-1268-1	8.751	7.749	35947039	11298669	203.575	77.856	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 23:00
Operator : YP\AJ
Sample : Q1383-01MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:34:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.827	7.812	8874394	35975247	56.391	270.866 #
43) L9	AR-1268-3	9.067	8.021	1187663	989531	8.881	8.700
44) L9	AR-1268-4	9.487	8.316	14143776	12526579	240.865	240.535
45) L9	AR-1268-5	9.906	8.621	4468500	4001920	11.732	11.236

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

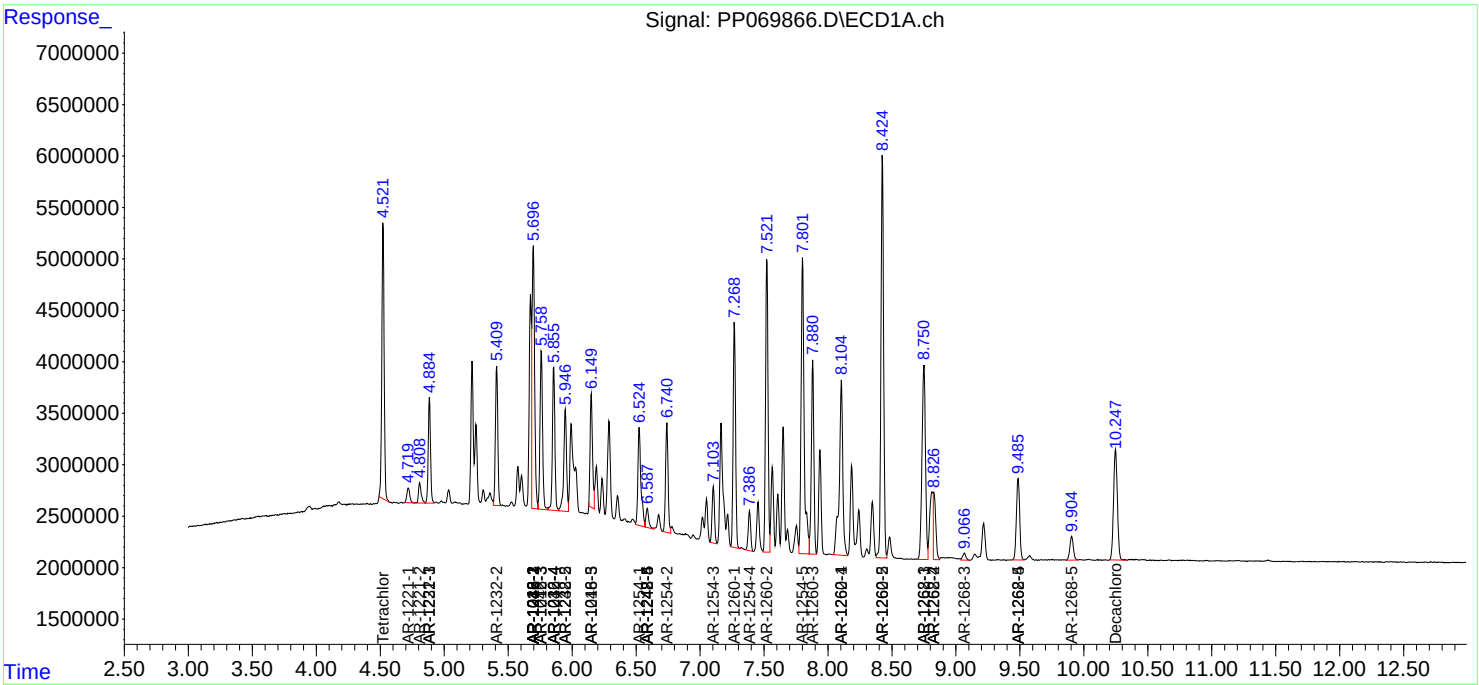
Quantitation Report (Not Reviewed)

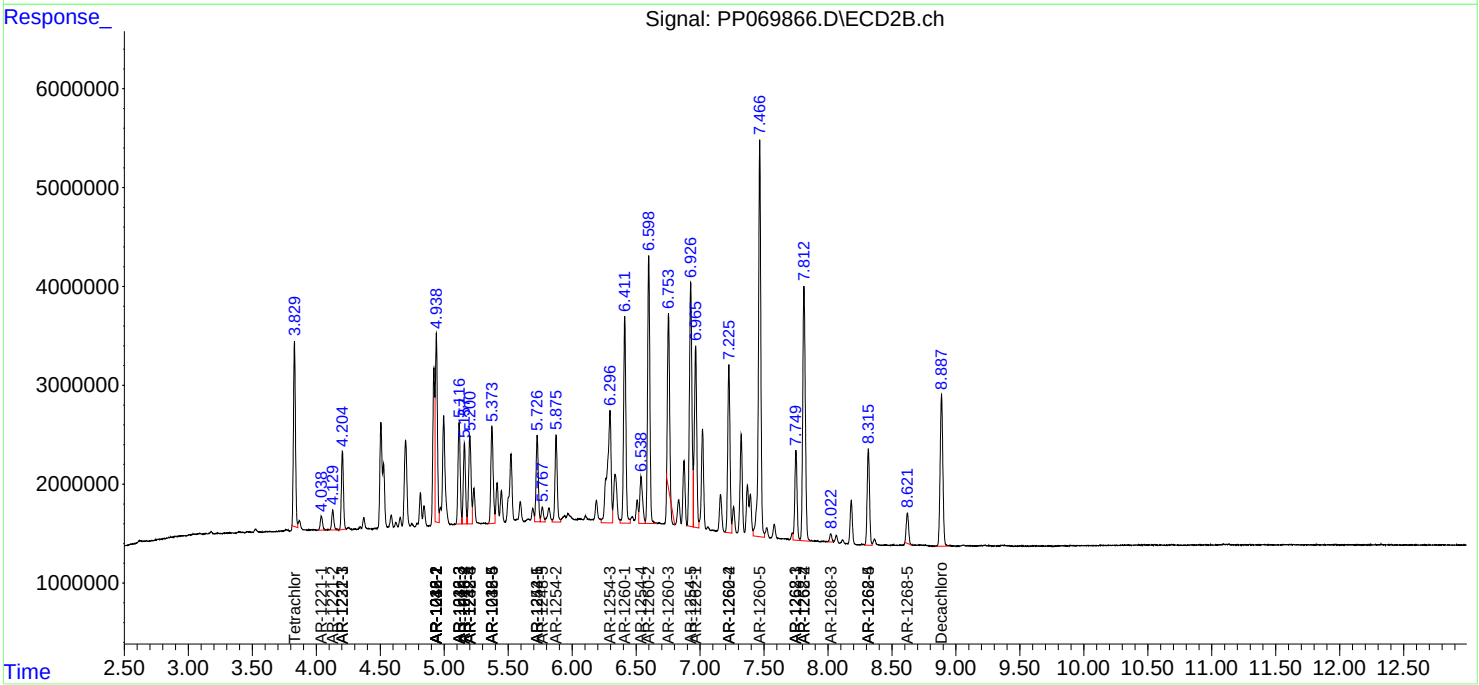
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 23:00
Operator : YP\AJ
Sample : Q1383-01MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

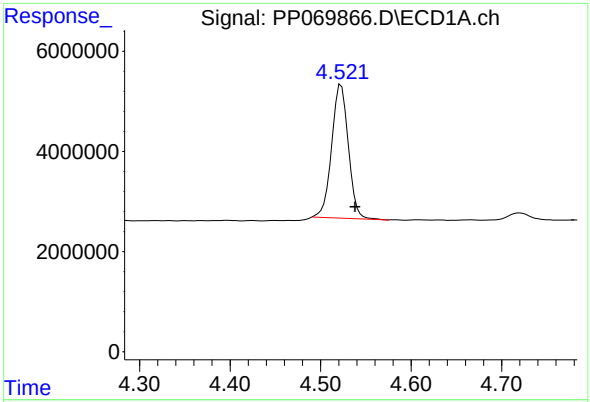
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:34:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



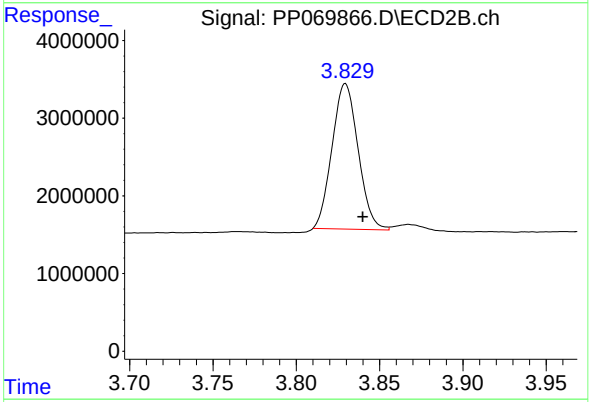




#1 Tetrachloro-m-xylene

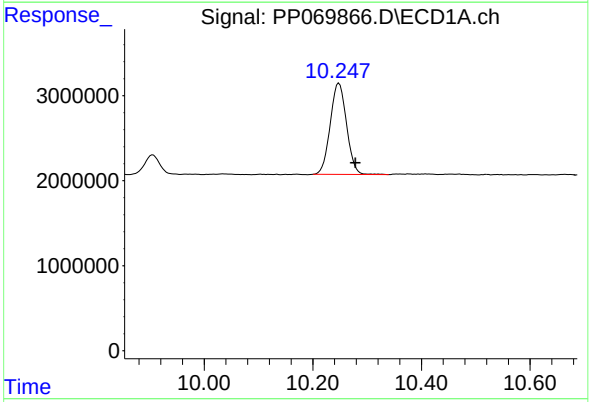
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 34125127
Conc: 23.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



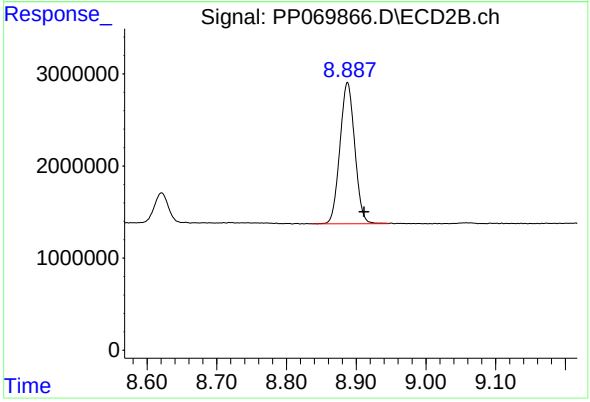
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.010 min
Response: 20406456
Conc: 22.86 ng/ml



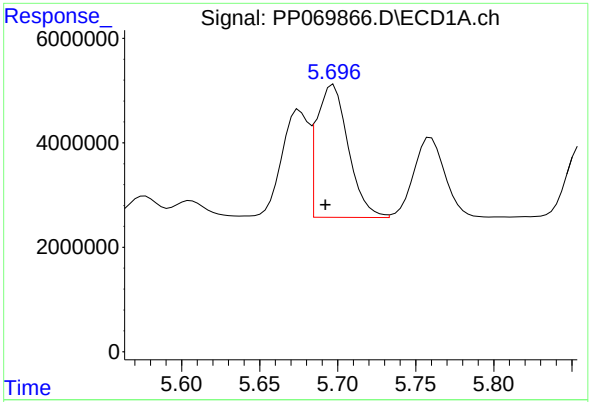
#2 Decachlorobiphenyl

R.T.: 10.248 min
Delta R.T.: -0.030 min
Response: 22392144
Conc: 20.49 ng/ml



#2 Decachlorobiphenyl

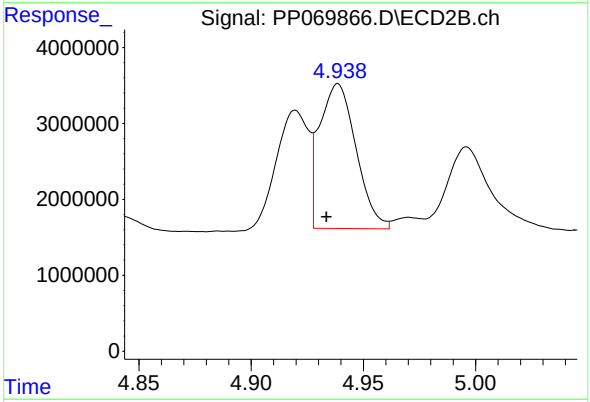
R.T.: 8.888 min
Delta R.T.: -0.024 min
Response: 22680923
Conc: 20.28 ng/ml



#3 AR-1016-1

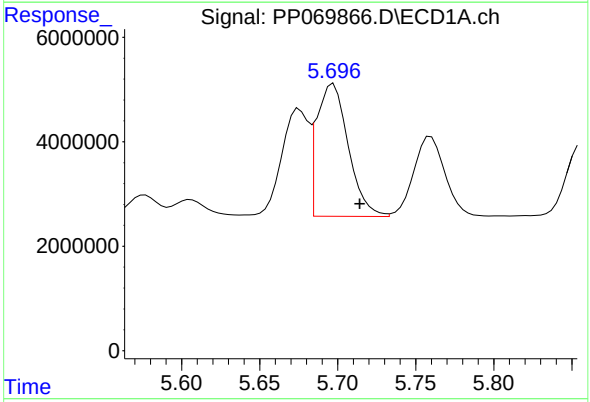
R.T.: 5.697 min
Delta R.T.: 0.005 min
Response: 35786202
Conc: 772.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



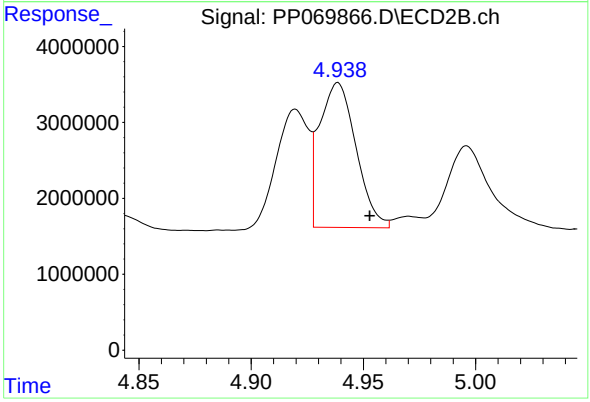
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 21611449
Conc: 662.62 ng/ml



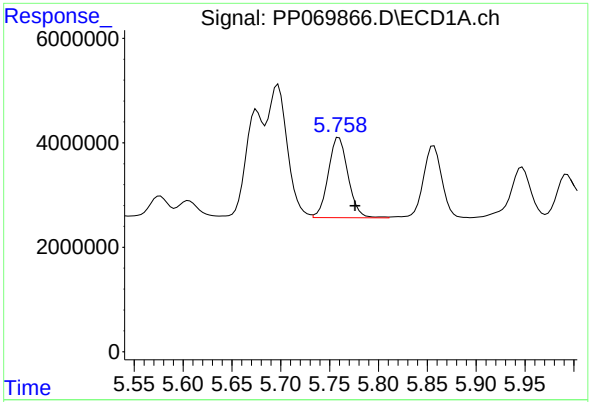
#4 AR-1016-2

R.T.: 5.697 min
Delta R.T.: -0.017 min
Response: 35786202
Conc: 527.22 ng/ml



#4 AR-1016-2

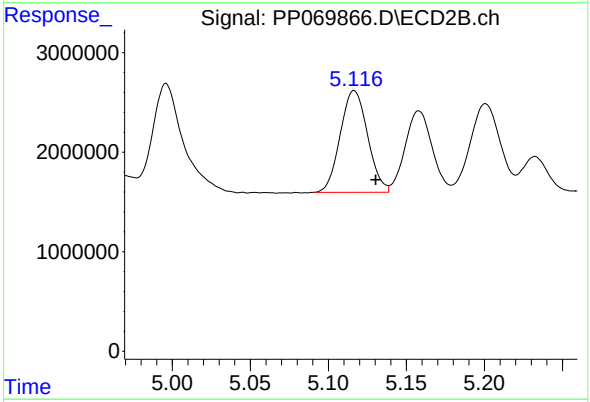
R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 21611449
Conc: 480.70 ng/ml



#5 AR-1016-3

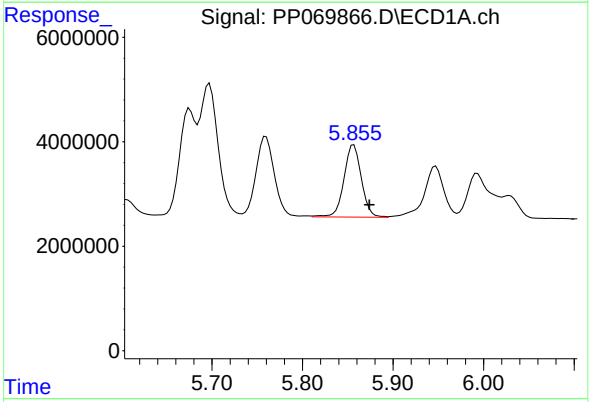
R.T.: 5.760 min
Delta R.T.: -0.016 min
Response: 21692342
Conc: 509.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



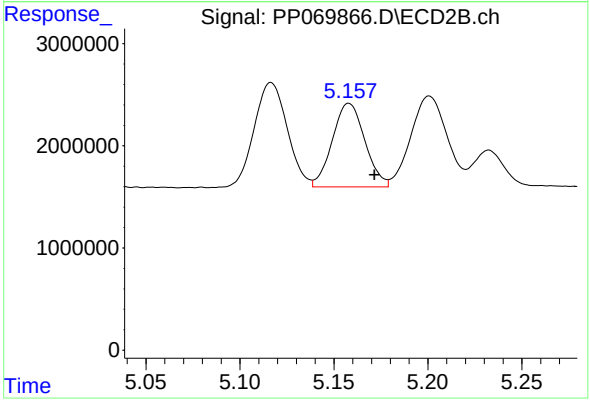
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.014 min
Response: 12489769
Conc: 501.92 ng/ml



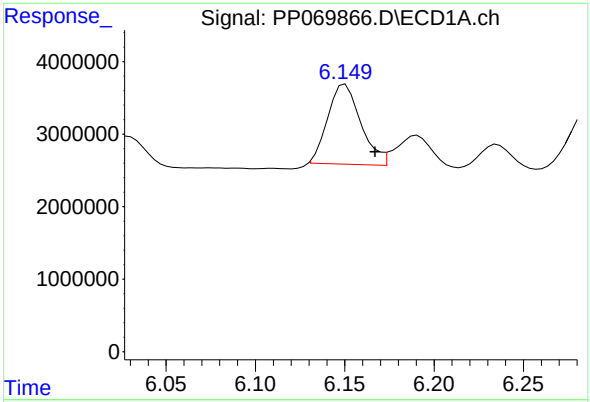
#6 AR-1016-4

R.T.: 5.857 min
Delta R.T.: -0.017 min
Response: 18590336
Conc: 531.15 ng/ml



#6 AR-1016-4

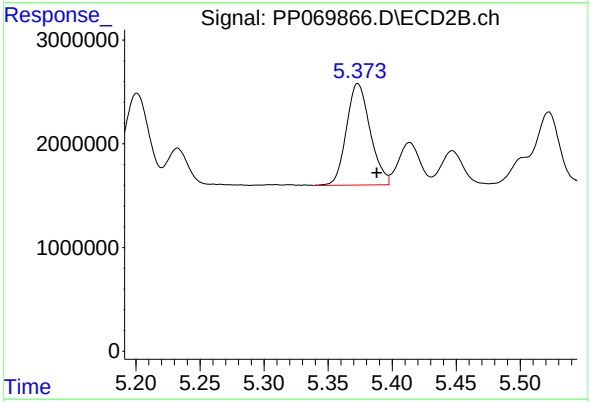
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9861989
Conc: 488.31 ng/ml



#7 AR-1016-5

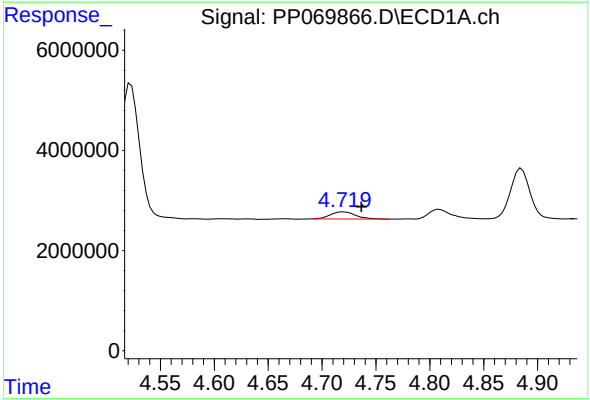
R.T.: 6.150 min
Delta R.T.: -0.017 min
Response: 14143125
Conc: 427.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



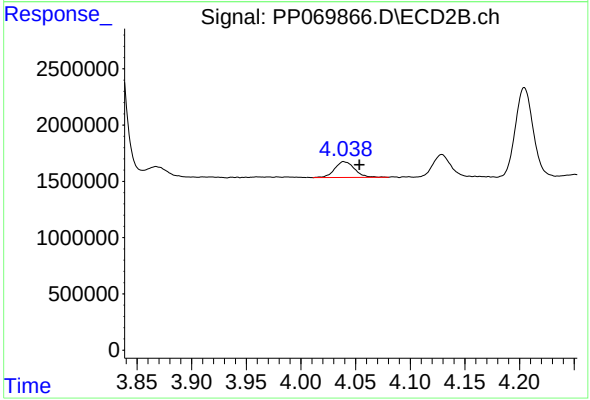
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 12615528
Conc: 470.31 ng/ml



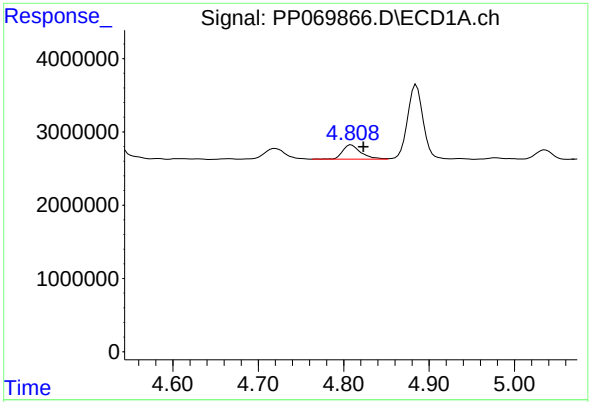
#8 AR-1221-1

R.T.: 4.720 min
Delta R.T.: -0.017 min
Response: 2326131
Conc: 122.30 ng/ml



#8 AR-1221-1

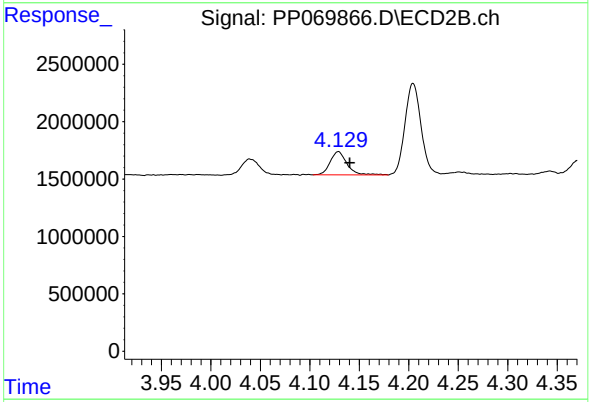
R.T.: 4.039 min
Delta R.T.: -0.014 min
Response: 1770120
Conc: 143.70 ng/ml



#9 AR-1221-2

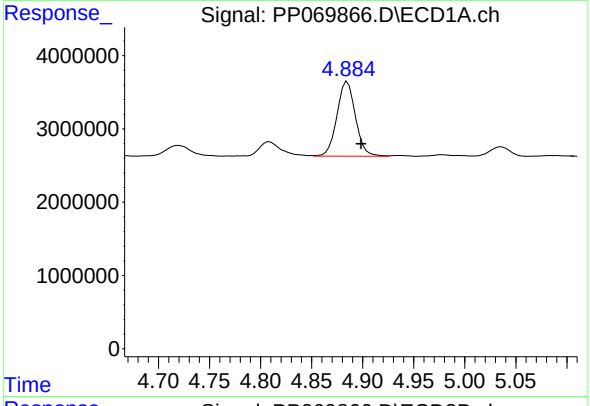
R.T.: 4.809 min
Delta R.T.: -0.014 min
Response: 2910590
Conc: 212.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



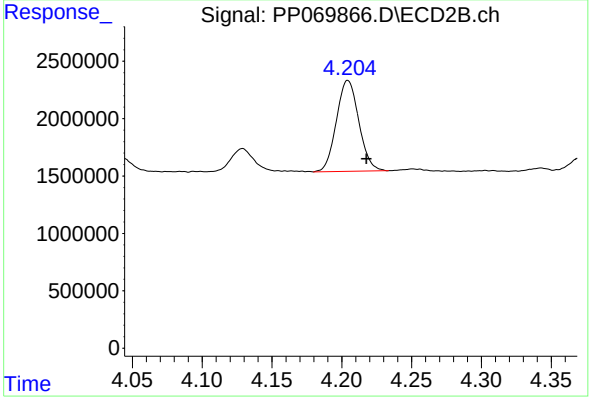
#9 AR-1221-2

R.T.: 4.129 min
Delta R.T.: -0.012 min
Response: 2403902
Conc: 248.25 ng/ml



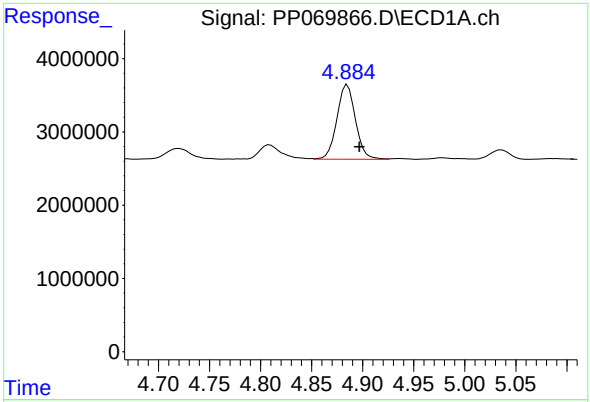
#10 AR-1221-3

R.T.: 4.885 min
Delta R.T.: -0.014 min
Response: 12873219
Conc: 306.92 ng/ml



#10 AR-1221-3

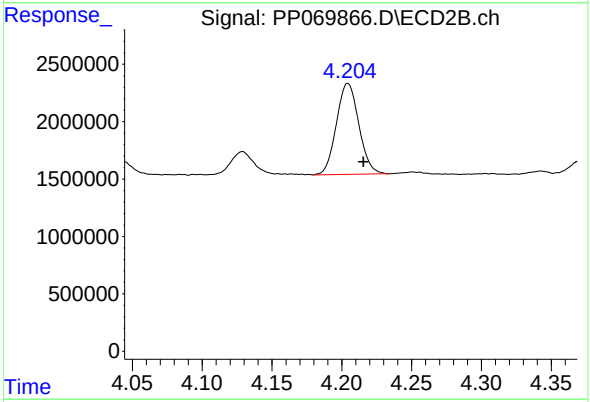
R.T.: 4.204 min
Delta R.T.: -0.013 min
Response: 8863080
Conc: 303.80 ng/ml



#11 AR-1232-1

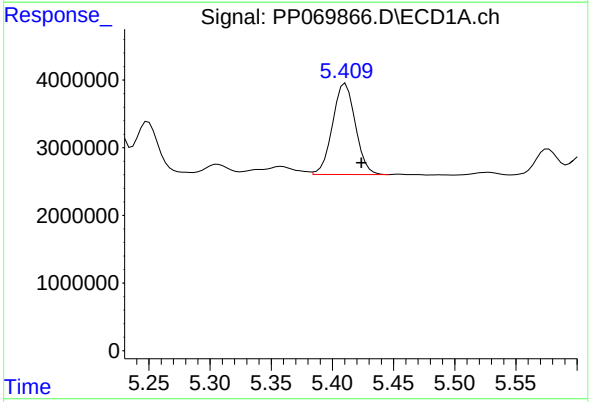
R.T.: 4.885 min
Delta R.T.: -0.012 min
Response: 12873219
Conc: 386.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



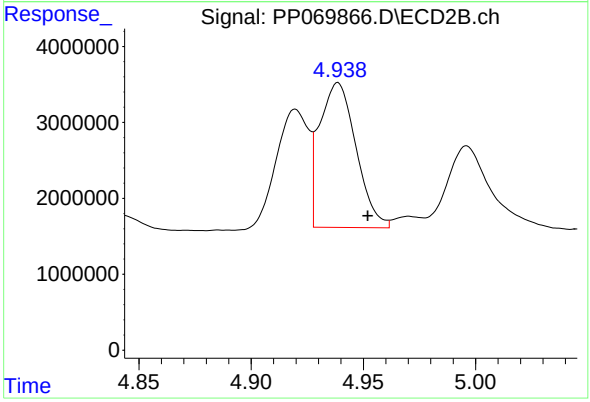
#11 AR-1232-1

R.T.: 4.204 min
Delta R.T.: -0.011 min
Response: 8863080
Conc: 377.48 ng/ml



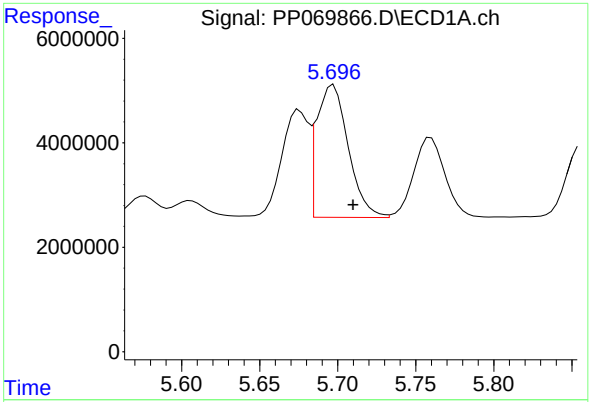
#12 AR-1232-2

R.T.: 5.411 min
Delta R.T.: -0.013 min
Response: 17473607
Conc: 1069.24 ng/ml



#12 AR-1232-2

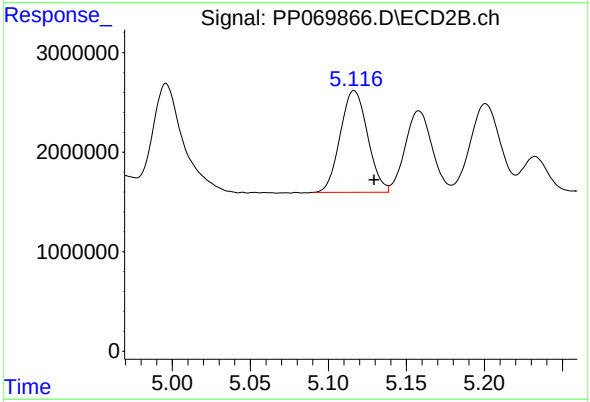
R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 21611449
Conc: 916.84 ng/ml



#13 AR-1232-3

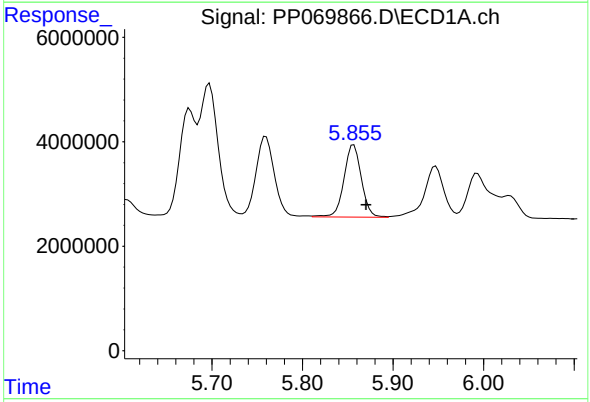
R.T.: 5.697 min
Delta R.T.: -0.013 min
Response: 35786202
Conc: 1041.54 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



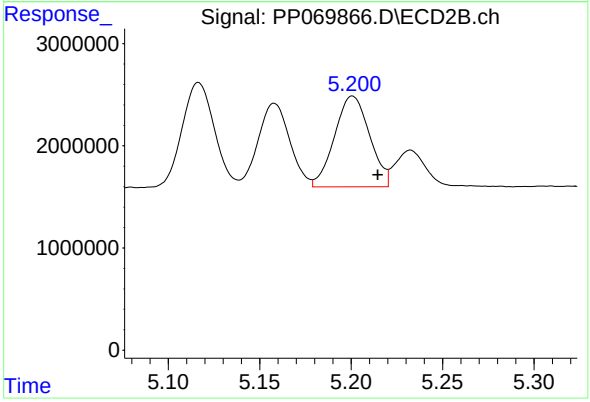
#13 AR-1232-3

R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 12489769
Conc: 964.67 ng/ml



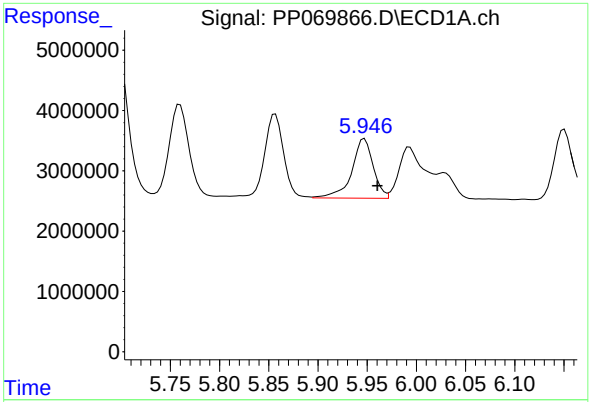
#14 AR-1232-4

R.T.: 5.857 min
Delta R.T.: -0.013 min
Response: 18590336
Conc: 1043.45 ng/ml



#14 AR-1232-4

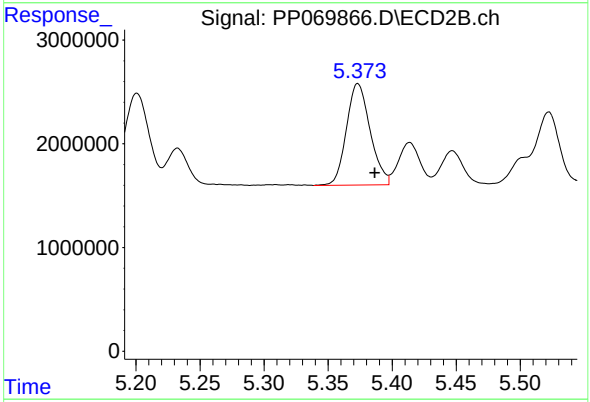
R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 11881043
Conc: 1071.69 ng/ml



#15 AR-1232-5

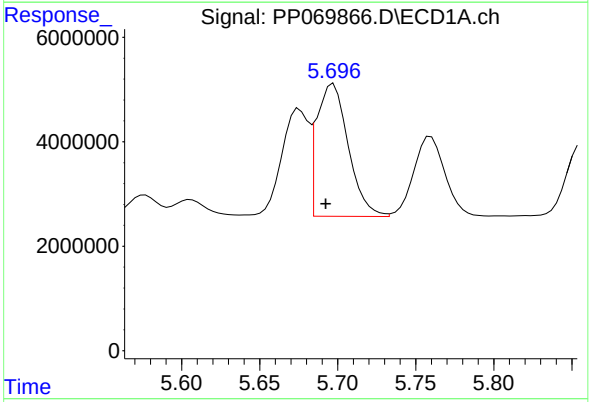
R.T.: 5.947 min
Delta R.T.: -0.013 min
Response: 14977985
Conc: 1306.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



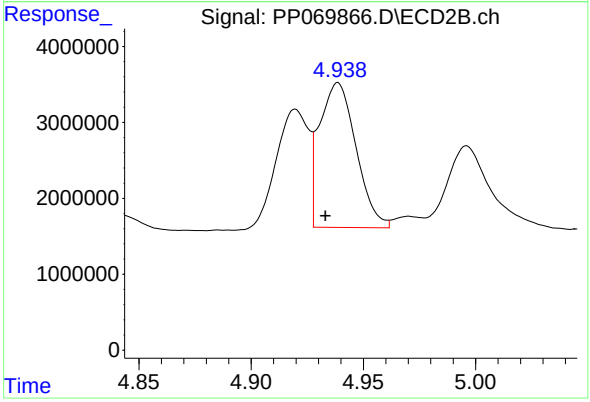
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.013 min
Response: 12615528
Conc: 1033.19 ng/ml



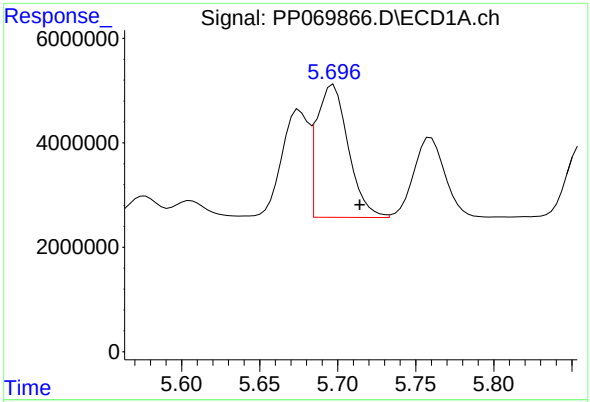
#16 AR-1242-1

R.T.: 5.697 min
Delta R.T.: 0.005 min
Response: 35786202
Conc: 858.07 ng/ml



#16 AR-1242-1

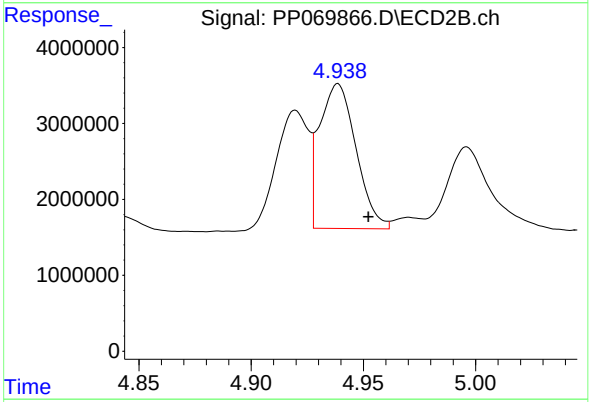
R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 21611449
Conc: 749.56 ng/ml



#17 AR-1242-2

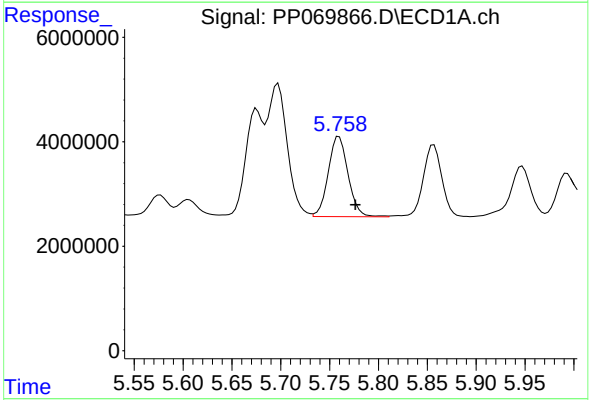
R.T.: 5.697 min
Delta R.T.: -0.017 min
Response: 35786202
Conc: 606.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



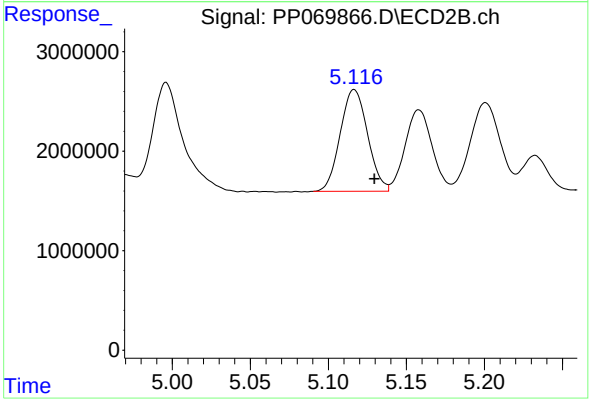
#17 AR-1242-2

R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 21611449
Conc: 548.55 ng/ml



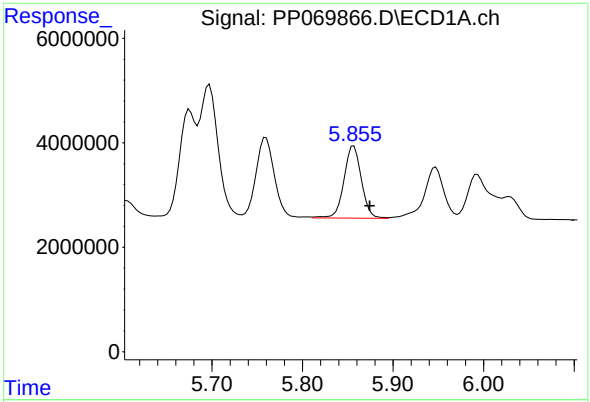
#18 AR-1242-3

R.T.: 5.760 min
Delta R.T.: -0.017 min
Response: 21692342
Conc: 584.72 ng/ml



#18 AR-1242-3

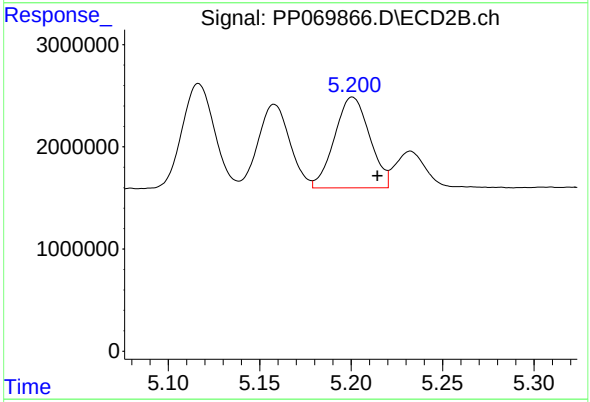
R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 12489769
Conc: 555.00 ng/ml



#19 AR-1242-4

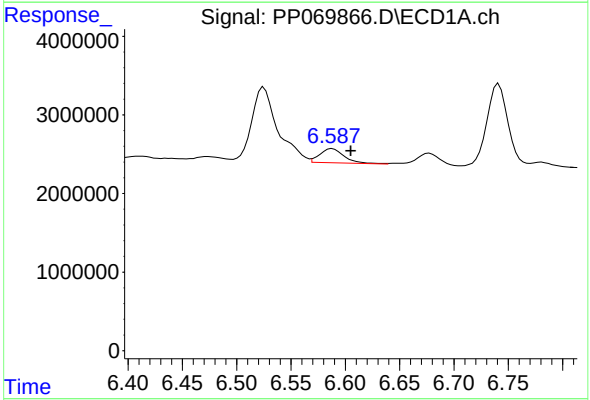
R.T.: 5.857 min
Delta R.T.: -0.017 min
Response: 18590336
Conc: 566.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



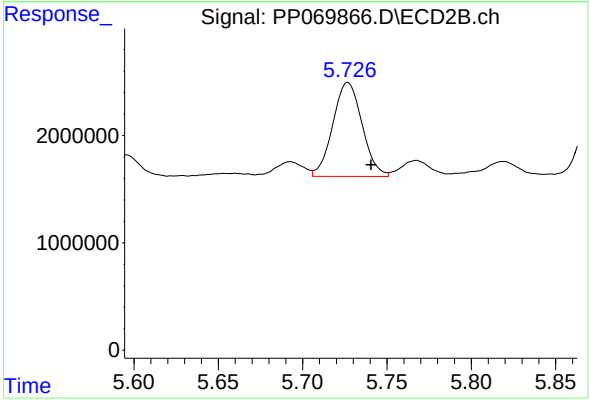
#19 AR-1242-4

R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 11881043
Conc: 550.50 ng/ml



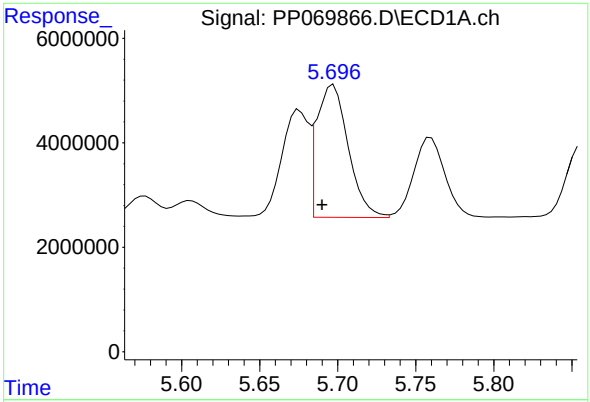
#20 AR-1242-5

R.T.: 6.588 min
Delta R.T.: -0.017 min
Response: 2865557
Conc: 87.94 ng/ml



#20 AR-1242-5

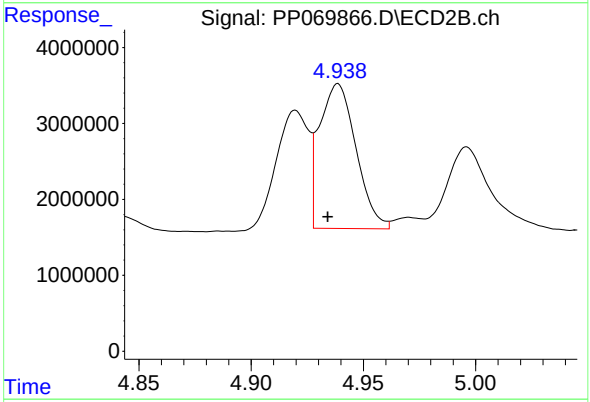
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 10584021
Conc: 367.90 ng/ml



#21 AR-1248-1

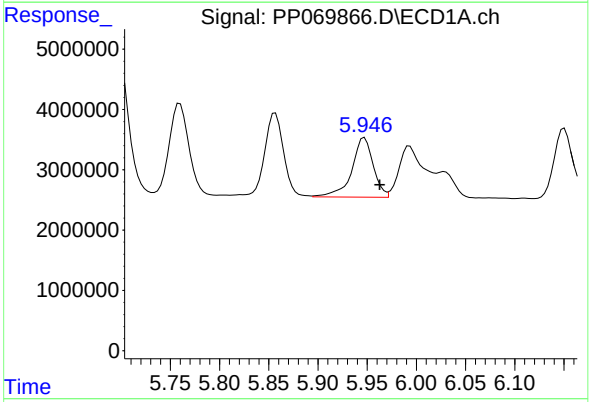
R.T.: 5.697 min
Delta R.T.: 0.007 min
Response: 35786202
Conc: 1103.18 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



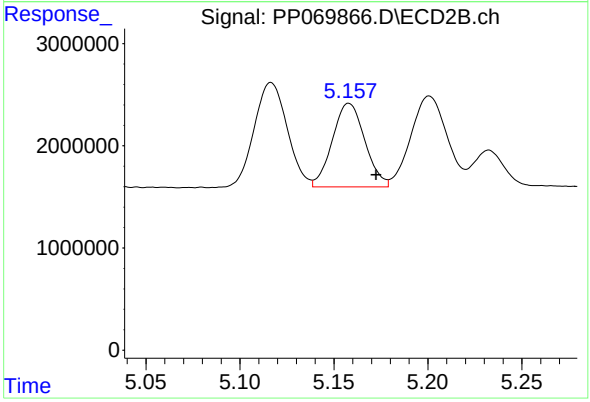
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 21611449
Conc: 981.87 ng/ml



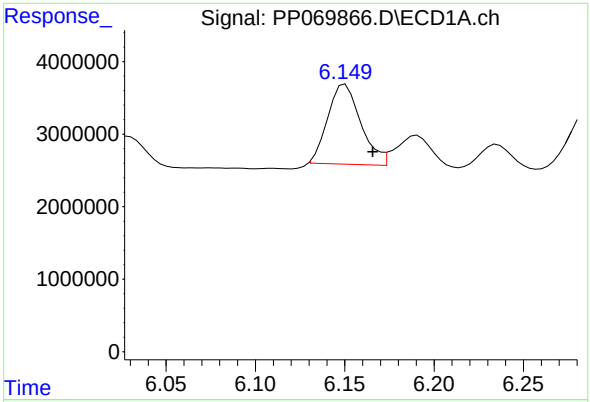
#22 AR-1248-2

R.T.: 5.947 min
Delta R.T.: -0.016 min
Response: 14977985
Conc: 352.87 ng/ml



#22 AR-1248-2

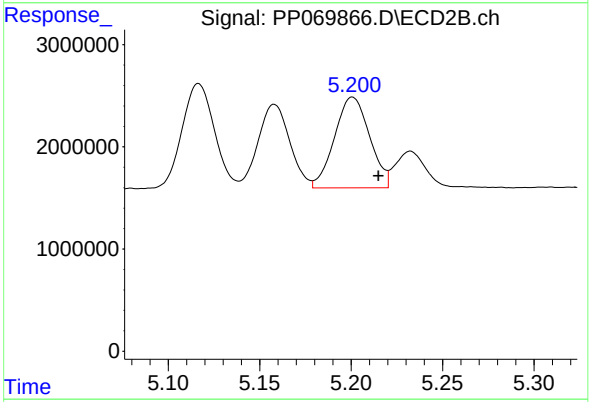
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9861989
Conc: 328.03 ng/ml



#23 AR-1248-3

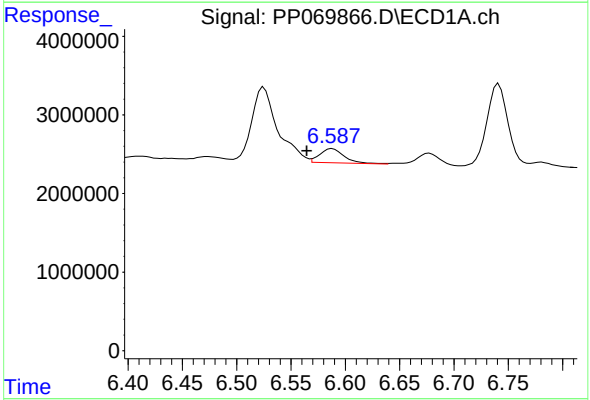
R.T.: 6.150 min
Delta R.T.: -0.015 min
Response: 14143125
Conc: 301.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



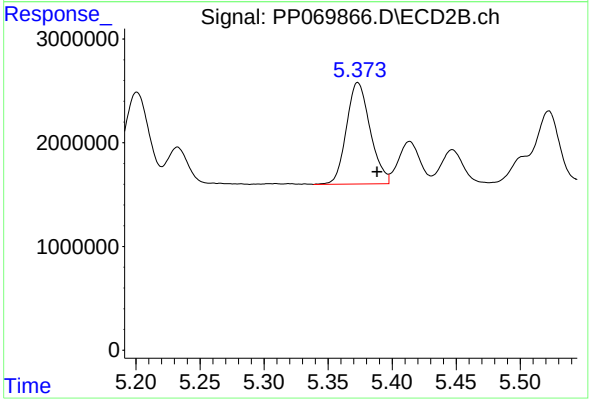
#23 AR-1248-3

R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 11881043
Conc: 383.45 ng/ml



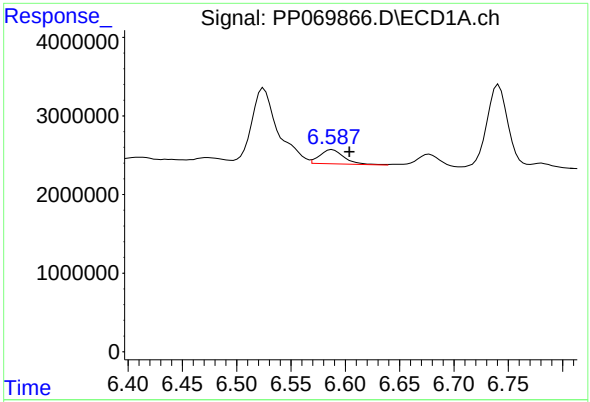
#24 AR-1248-4

R.T.: 6.588 min
Delta R.T.: 0.024 min
Response: 2865557
Conc: 51.99 ng/ml



#24 AR-1248-4

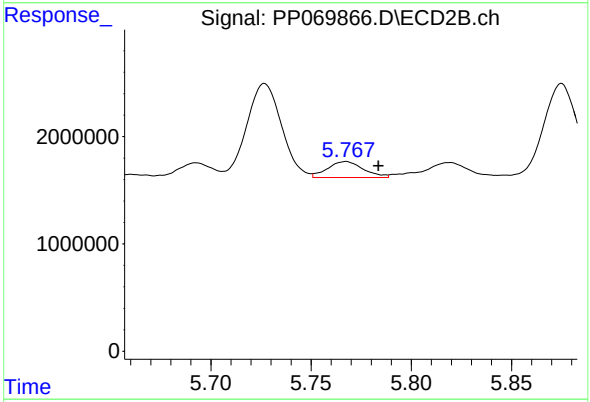
R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 12615528
Conc: 341.48 ng/ml



#25 AR-1248-5

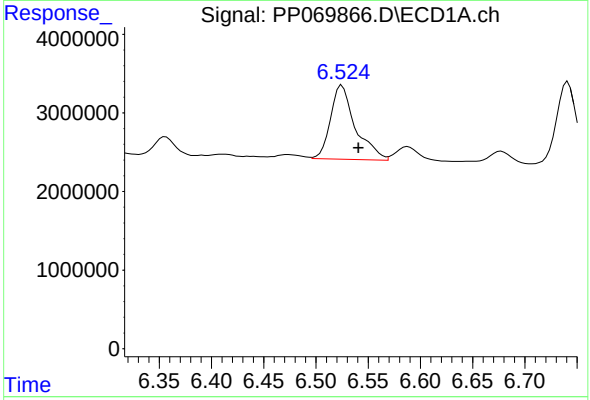
R.T.: 6.588 min
Delta R.T.: -0.016 min
Response: 2865557
Conc: 53.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



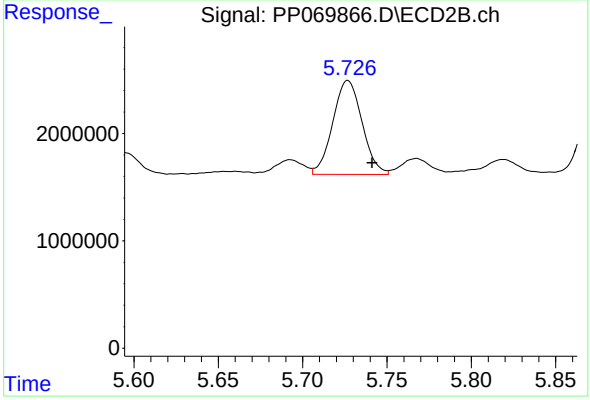
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.016 min
Response: 1865662
Conc: 49.90 ng/ml



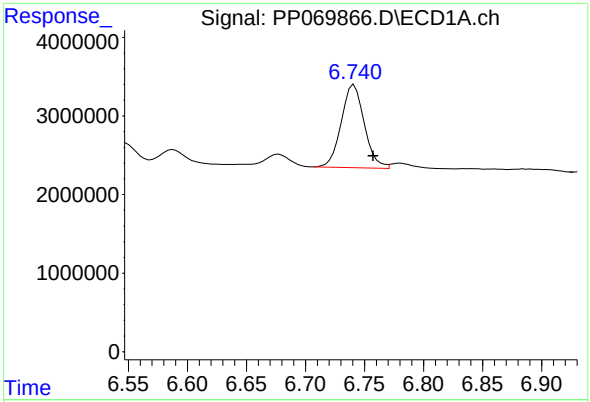
#26 AR-1254-1

R.T.: 6.525 min
Delta R.T.: -0.016 min
Response: 15630524
Conc: 270.13 ng/ml



#26 AR-1254-1

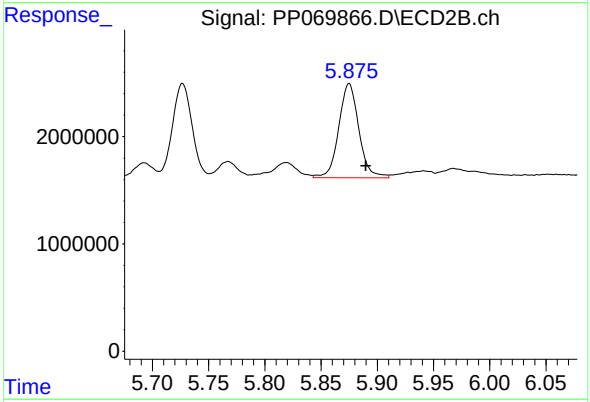
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 10584021
Conc: 192.24 ng/ml



#27 AR-1254-2

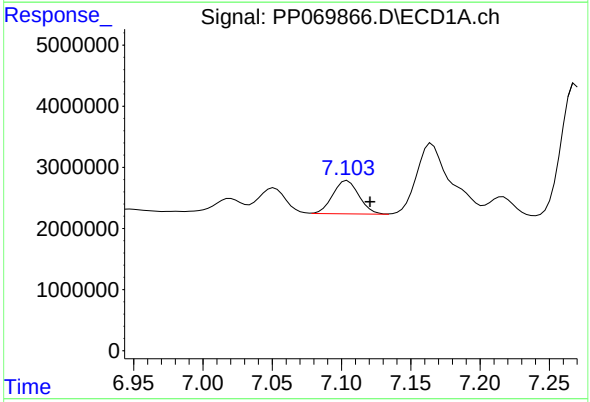
R.T.: 6.741 min
Delta R.T.: -0.016 min
Response: 14320842
Conc: 178.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



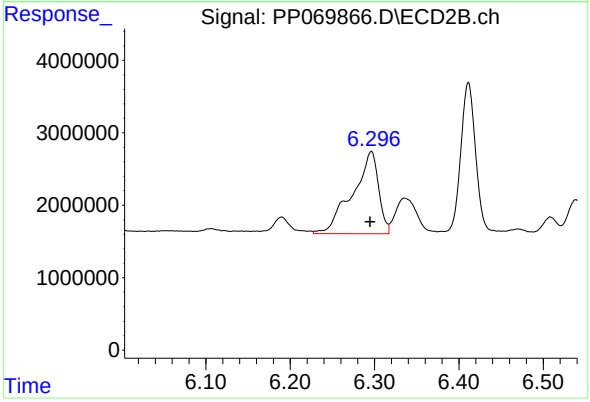
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 10920602
Conc: 225.78 ng/ml



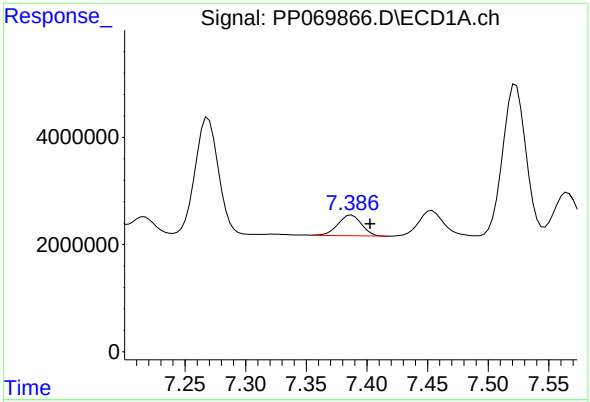
#28 AR-1254-3

R.T.: 7.104 min
Delta R.T.: -0.016 min
Response: 7175098
Conc: 85.13 ng/ml



#28 AR-1254-3

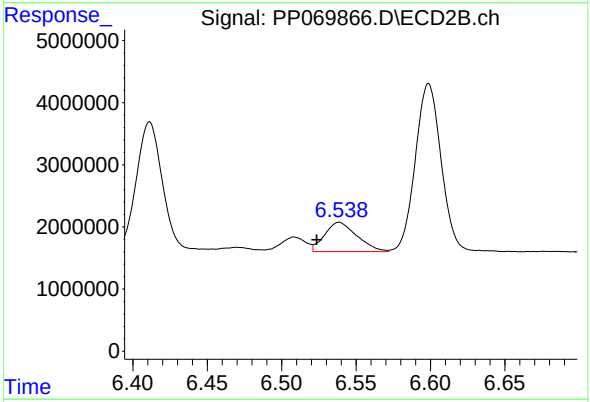
R.T.: 6.296 min
Delta R.T.: 0.001 min
Response: 24322536
Conc: 320.47 ng/ml



#29 AR-1254-4

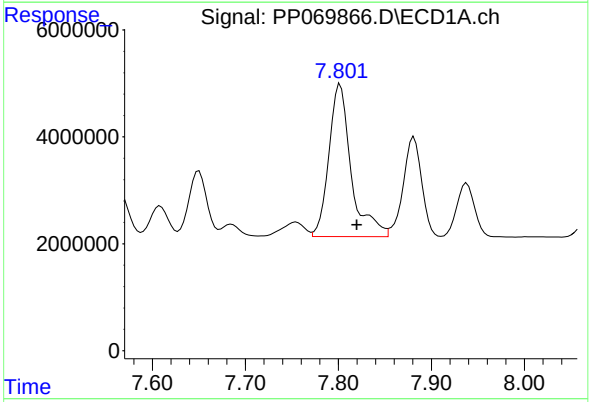
R.T.: 7.387 min
Delta R.T.: -0.015 min
Response: 5230198
Conc: 76.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



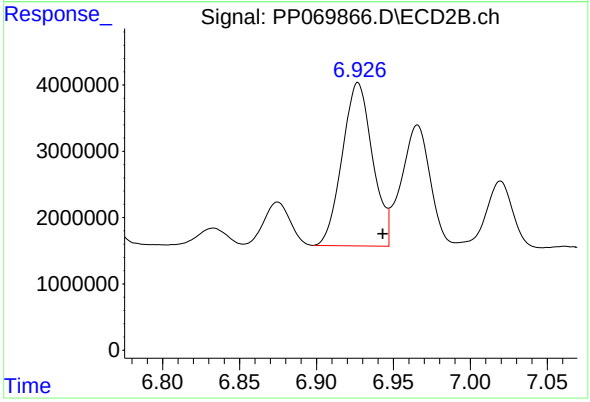
#29 AR-1254-4

R.T.: 6.539 min
Delta R.T.: 0.015 min
Response: 7131082
Conc: 139.14 ng/ml



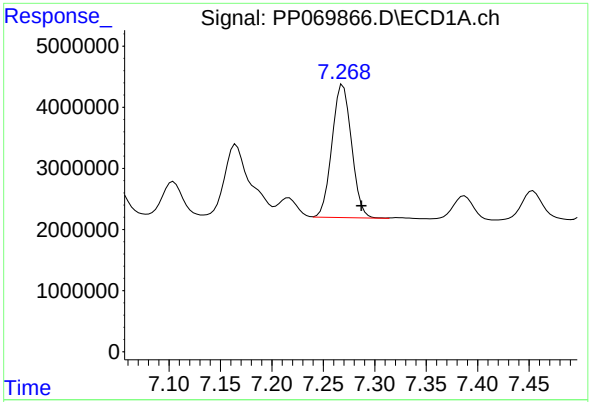
#30 AR-1254-5

R.T.: 7.802 min
Delta R.T.: -0.018 min
Response: 47544300
Conc: 698.71 ng/ml



#30 AR-1254-5

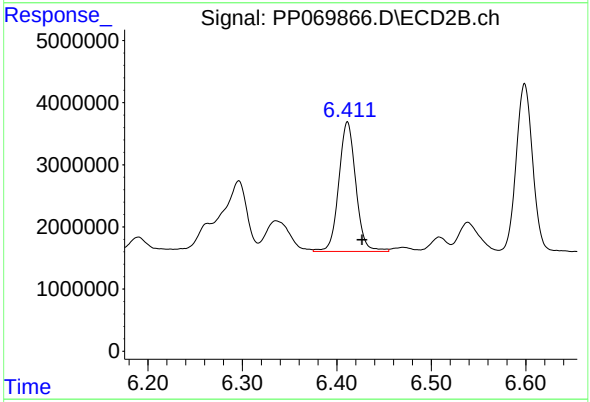
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 33704013
Conc: 506.37 ng/ml



#31 AR-1260-1

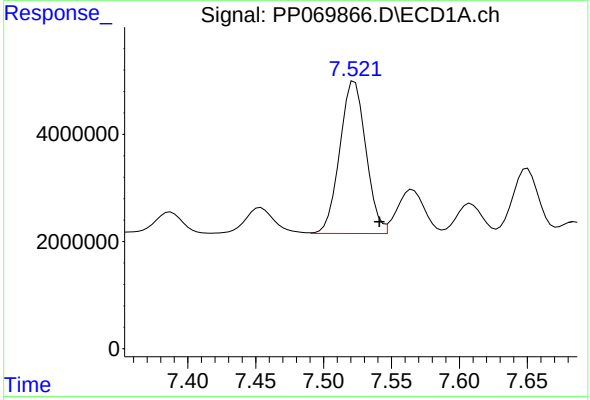
R.T.: 7.269 min
Delta R.T.: -0.018 min
Response: 28830840
Conc: 493.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



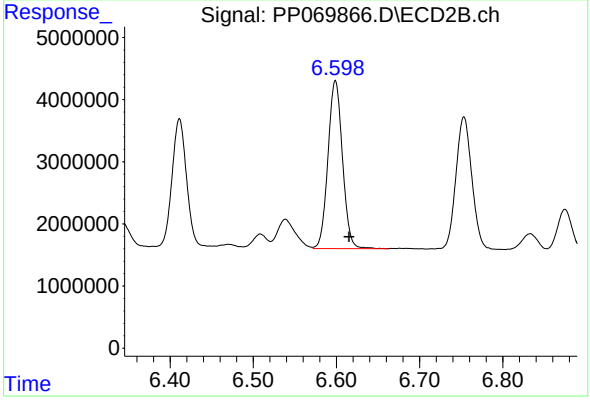
#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.015 min
Response: 26134221
Conc: 541.87 ng/ml



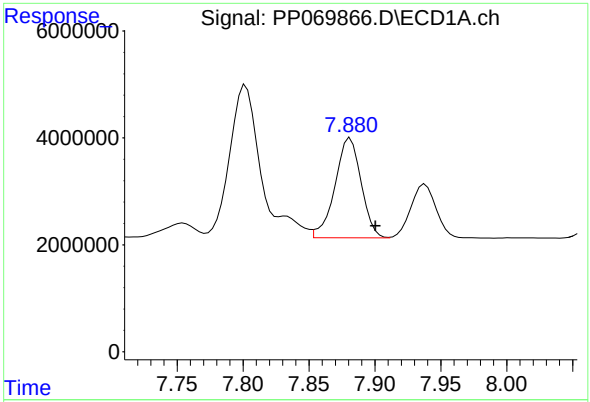
#32 AR-1260-2

R.T.: 7.523 min
Delta R.T.: -0.018 min
Response: 38015259
Conc: 488.55 ng/ml



#32 AR-1260-2

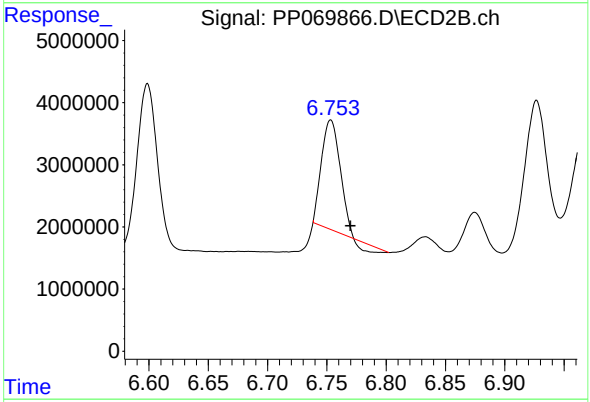
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 32788627
Conc: 534.86 ng/ml



#33 AR-1260-3

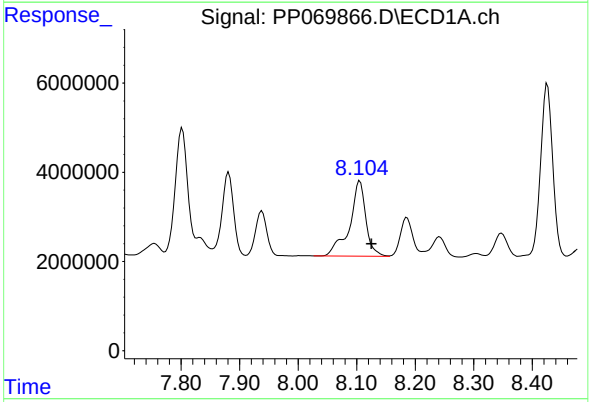
R.T.: 7.881 min
Delta R.T.: -0.019 min
Response: 25822098
Conc: 413.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



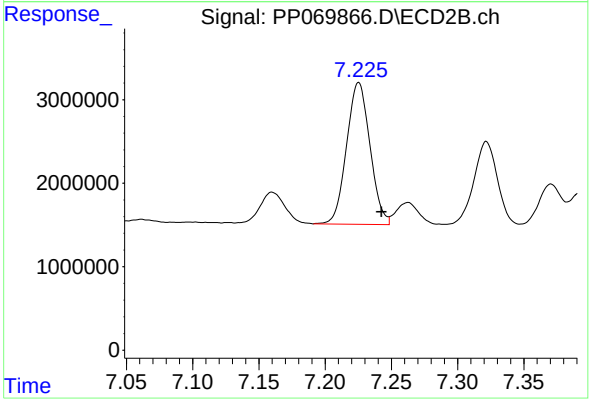
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 18102628
Conc: 300.93 ng/ml



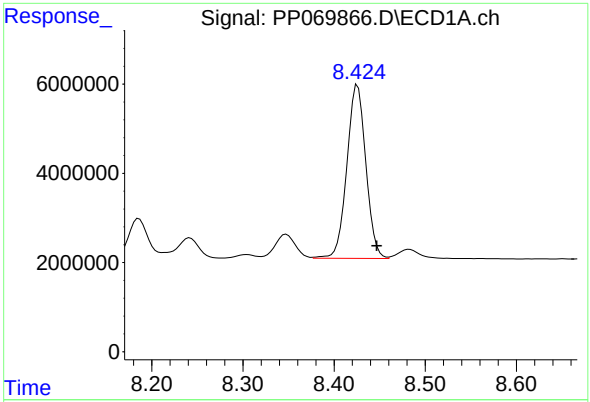
#34 AR-1260-4

R.T.: 8.105 min
Delta R.T.: -0.020 min
Response: 32593429
Conc: 494.01 ng/ml



#34 AR-1260-4

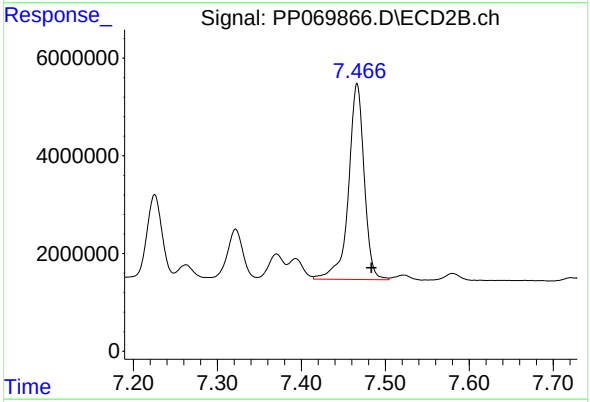
R.T.: 7.225 min
Delta R.T.: -0.017 min
Response: 20885158
Conc: 449.46 ng/ml



#35 AR-1260-5

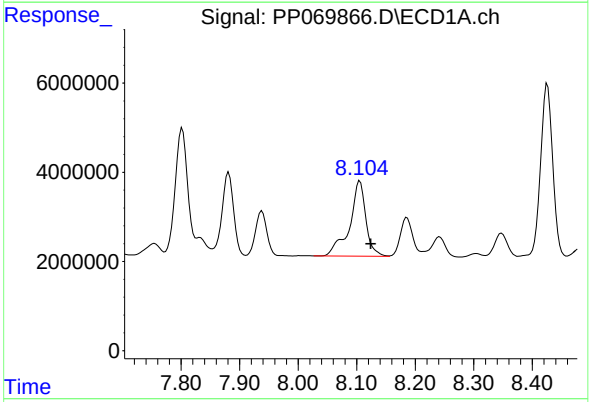
R.T.: 8.426 min
Delta R.T.: -0.021 min
Response: 56299064
Conc: 430.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



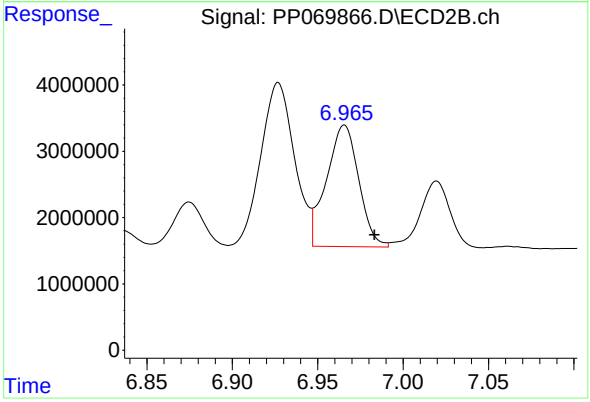
#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.017 min
Response: 52081009
Conc: 468.59 ng/ml



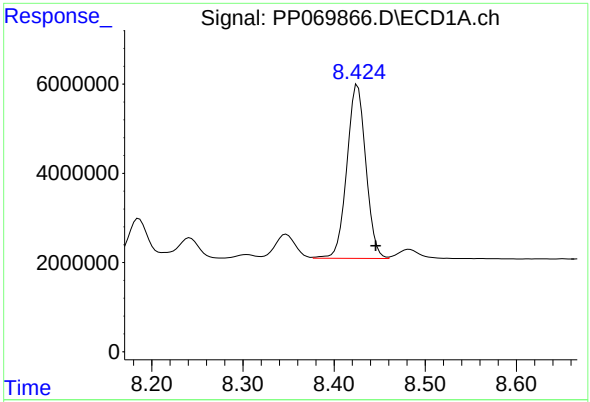
#36 AR-1262-1

R.T.: 8.105 min
Delta R.T.: -0.019 min
Response: 32593429
Conc: 412.48 ng/ml



#36 AR-1262-1

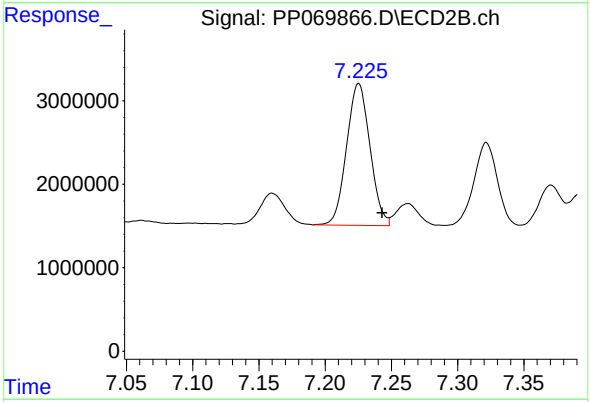
R.T.: 6.966 min
Delta R.T.: -0.017 min
Response: 24075471
Conc: 339.03 ng/ml



#37 AR-1262-2

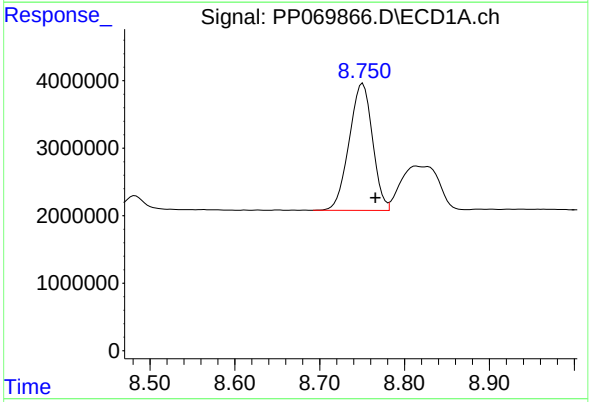
R.T.: 8.426 min
Delta R.T.: -0.020 min
Response: 56299064
Conc: 368.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



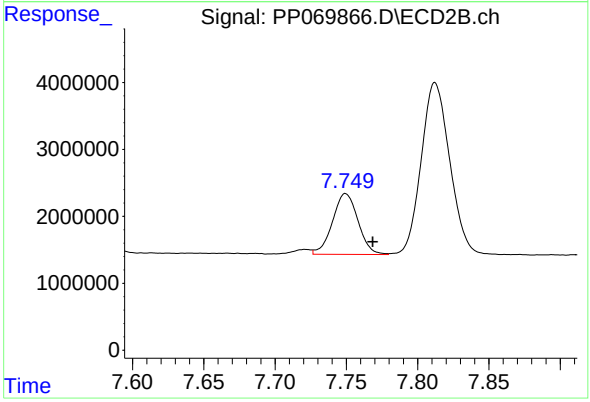
#37 AR-1262-2

R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 20885158
Conc: 342.49 ng/ml



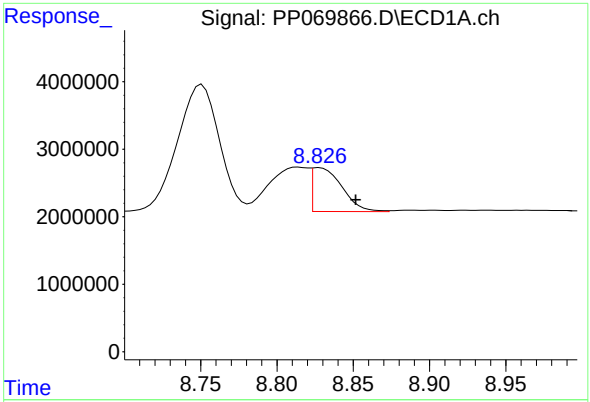
#38 AR-1262-3

R.T.: 8.751 min
Delta R.T.: -0.015 min
Response: 35947039
Conc: 338.23 ng/ml



#38 AR-1262-3

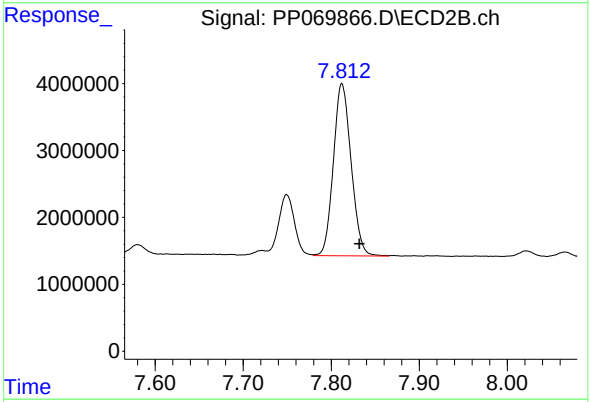
R.T.: 7.749 min
Delta R.T.: -0.019 min
Response: 11298669
Conc: 216.04 ng/ml



#39 AR-1262-4

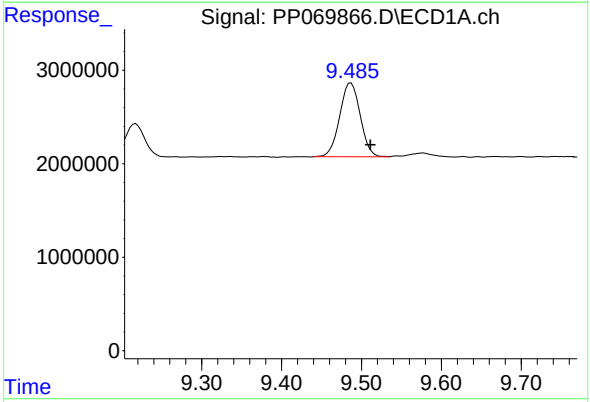
R.T.: 8.827 min
Delta R.T.: -0.024 min
Response: 8874394
Conc: 108.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



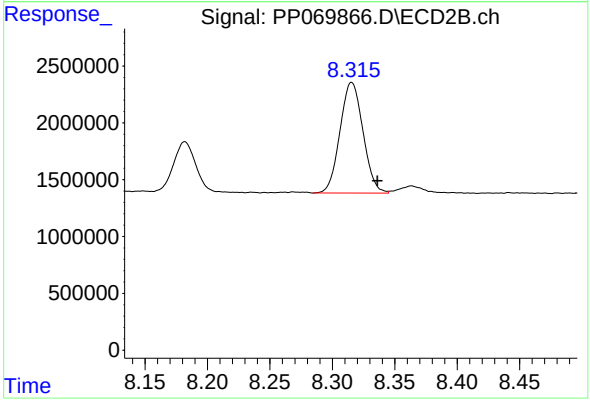
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 35975247
Conc: 389.19 ng/ml



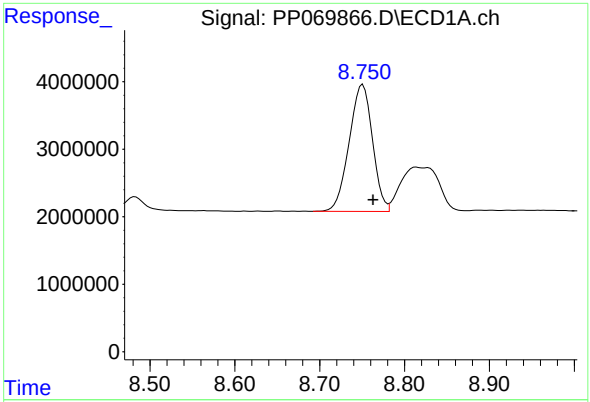
#40 AR-1262-5

R.T.: 9.487 min
Delta R.T.: -0.024 min
Response: 14143776
Conc: 249.85 ng/ml



#40 AR-1262-5

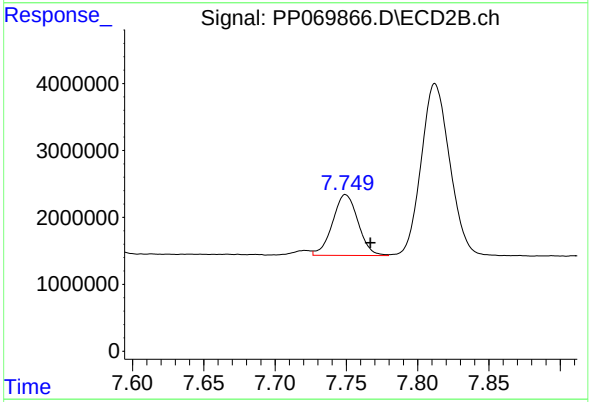
R.T.: 8.316 min
Delta R.T.: -0.020 min
Response: 12526579
Conc: 262.10 ng/ml



#41 AR-1268-1

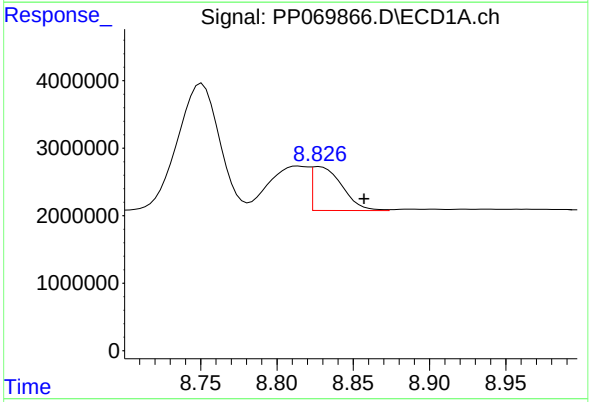
R.T.: 8.751 min
Delta R.T.: -0.012 min
Response: 35947039
Conc: 203.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



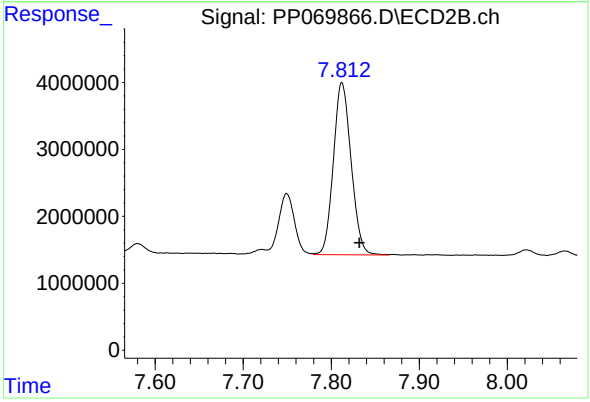
#41 AR-1268-1

R.T.: 7.749 min
Delta R.T.: -0.017 min
Response: 11298669
Conc: 77.86 ng/ml



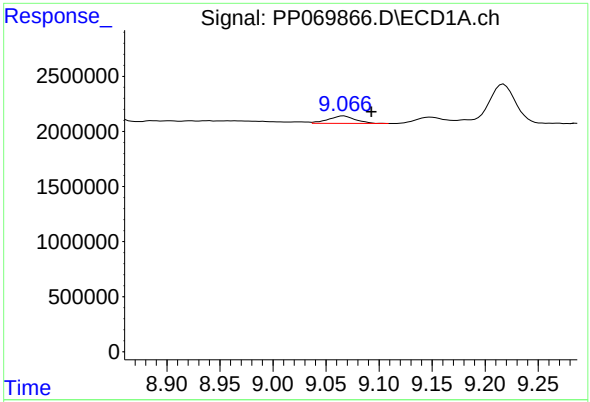
#42 AR-1268-2

R.T.: 8.827 min
Delta R.T.: -0.030 min
Response: 8874394
Conc: 56.39 ng/ml



#42 AR-1268-2

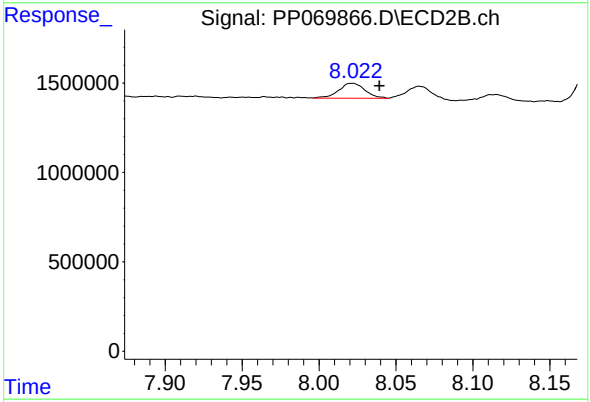
R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 35975247
Conc: 270.87 ng/ml



#43 AR-1268-3

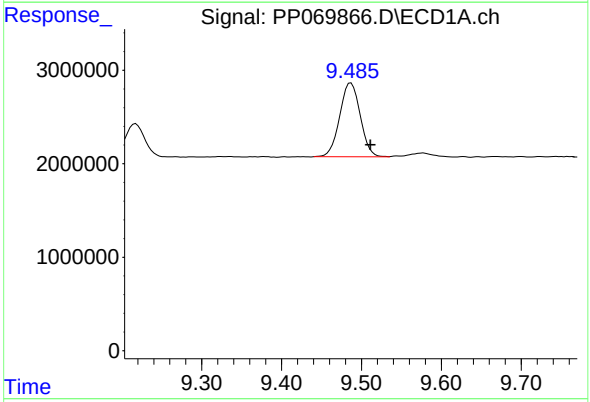
R.T.: 9.067 min
Delta R.T.: -0.026 min
Response: 1187663
Conc: 8.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



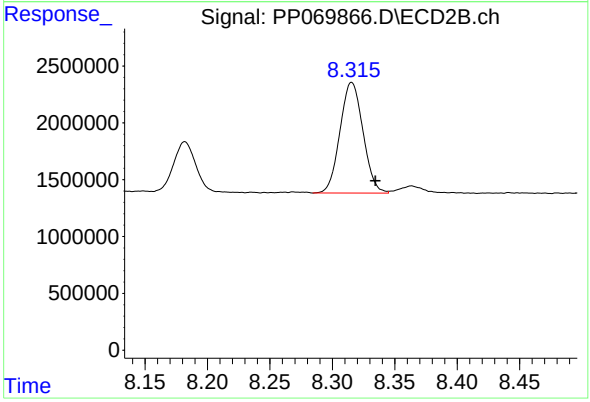
#43 AR-1268-3

R.T.: 8.021 min
Delta R.T.: -0.018 min
Response: 989531
Conc: 8.70 ng/ml



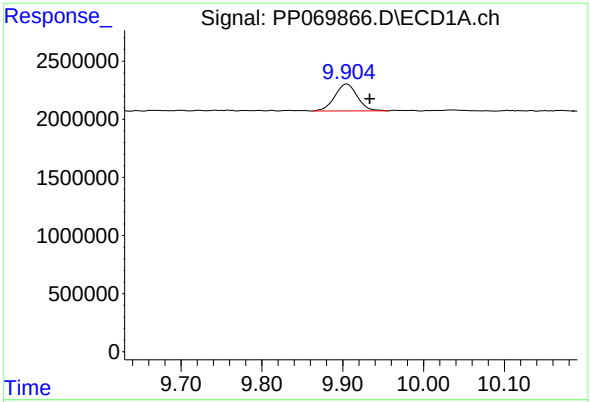
#44 AR-1268-4

R.T.: 9.487 min
Delta R.T.: -0.025 min
Response: 14143776
Conc: 240.86 ng/ml



#44 AR-1268-4

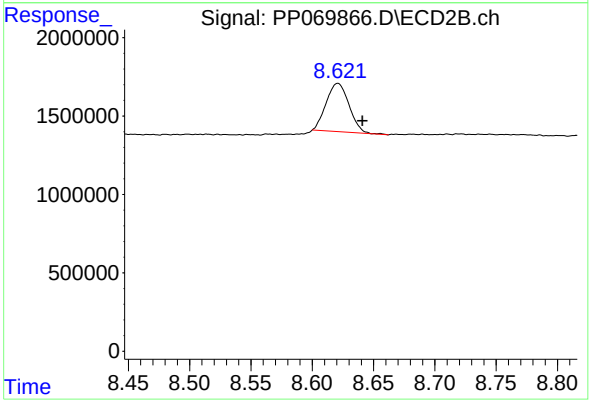
R.T.: 8.316 min
Delta R.T.: -0.019 min
Response: 12526579
Conc: 240.54 ng/ml



#45 AR-1268-5

R.T.: 9.906 min
Delta R.T.: -0.028 min
Response: 4468500
Conc: 11.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MS



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.020 min
Response: 4001920
Conc: 11.24 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 23:16
Operator : YP\AJ
Sample : Q1383-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:35:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.830	36630655	20788800	25.589	23.292	
2)	SA Decachlor...	10.251	8.887	23348099	23813366	21.363	21.291	
	Target Compounds							
3)	L1 AR-1016-1	5.700	4.939	33804377	20600404	729.596	631.623	
4)	L1 AR-1016-2	5.700	4.939	33804377	20600404	498.023	458.210	
5)	L1 AR-1016-3	5.763	5.117	20246471	11640390	475.307	467.786	
6)	L1 AR-1016-4	5.860	5.158	17419228	9228852	497.686	456.958	
7)	L1 AR-1016-5	6.153	5.374	14531013	11776407	439.554	439.027	
8)	L2 AR-1221-1	4.722	4.040	2022481	1554564	106.337	126.202	
9)	L2 AR-1221-2	4.812	4.129	2793912	2177637	204.047	224.884	
10)	L2 AR-1221-3	4.888	4.205	12109189	8278660	288.703	283.767	
11)	L3 AR-1232-1	4.888	4.205	12109189	8278660	363.709	352.591	
12)	L3 AR-1232-2	5.414	4.939	16195225	20600404	991.018	873.944	
13)	L3 AR-1232-3	5.700	5.117	33804377	11640390	983.859	899.063	
14)	L3 AR-1232-4	5.860	5.201	17419228	11148536	977.719	1005.613	
15)	L3 AR-1232-5	5.951	5.374	14345725	11776407	1251.544	964.463	
16)	L4 AR-1242-1	5.700	4.939	33804377	20600404	810.554	714.497	
17)	L4 AR-1242-2	5.700	4.939	33804377	20600404	573.044	522.883	
18)	L4 AR-1242-3	5.763	5.117	20246471	11640390	545.747	517.257	
19)	L4 AR-1242-4	5.860	5.201	17419228	11148536	531.160	516.561	
20)	L4 AR-1242-5	6.591	5.727	2769128	9806280	84.983	340.870	#
21)	L5 AR-1248-1	5.700	4.939	33804377	20600404	1042.089	935.933	
22)	L5 AR-1248-2	5.951	5.158	14345725	9228852	337.973	306.968	
23)	L5 AR-1248-3	6.153	5.201	14531013	11148536	309.255	359.812	
24)	L5 AR-1248-4	6.591	5.374	2769128	11776407	50.237	318.766	#
25)	L5 AR-1248-5	6.591	5.768	2769128	1706623	51.872	45.645	
26)	L6 AR-1254-1	6.528	5.727	14591368	9806280	252.168	178.115	#
27)	L6 AR-1254-2	6.744	5.875	13172728	9958016	164.163	205.877	#
28)	L6 AR-1254-3	7.108	6.296	6665190	17932329	79.076	236.275	#
29)	L6 AR-1254-4	7.392	6.508	5019570	2476140	73.614	48.315	#
30)	L6 AR-1254-5	7.806	6.927	39975367	31806805	587.474	477.863	
31)	L7 AR-1260-1	7.273	6.411	26665879	23841527	456.324	494.335	
32)	L7 AR-1260-2	7.526	6.599	35079268	30024592	450.816	489.768	
33)	L7 AR-1260-3	7.885	6.753	23939740	17135339	382.918	284.846	#
34)	L7 AR-1260-4	8.109	7.226	30888088	19419626	468.166	417.917	
35)	L7 AR-1260-5	8.430	7.466	52424522	49056468	400.414	441.373	
36)	L8 AR-1262-1	8.109	6.966	30888088	22702223	390.898	319.690	
37)	L8 AR-1262-2	8.430	7.226	52424522	19419626	342.816	318.462	
38)	L8 AR-1262-3	8.755	7.750	33341362	10578356	313.713	202.266	#
39)	L8 AR-1262-4	8.819	7.813	19137199	33689827	233.971	364.465	#
40)	L8 AR-1262-5	9.491	8.316	13039671	11790864	230.341	246.711	
41)	L9 AR-1268-1	8.755	7.750	33341362	10578356	188.819	72.893	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 23:16
Operator : YP\AJ
Sample : Q1383-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:35:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.819f	7.813	19137199	33689827	121.605	253.659 #
43) L9	AR-1268-3	9.071	8.022	1161648	886581	8.687	7.795
44) L9	AR-1268-4	9.491	8.316	13039671	11790864	222.062	226.408
45) L9	AR-1268-5	9.909	8.621	4193381	3690960	11.009	10.363

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

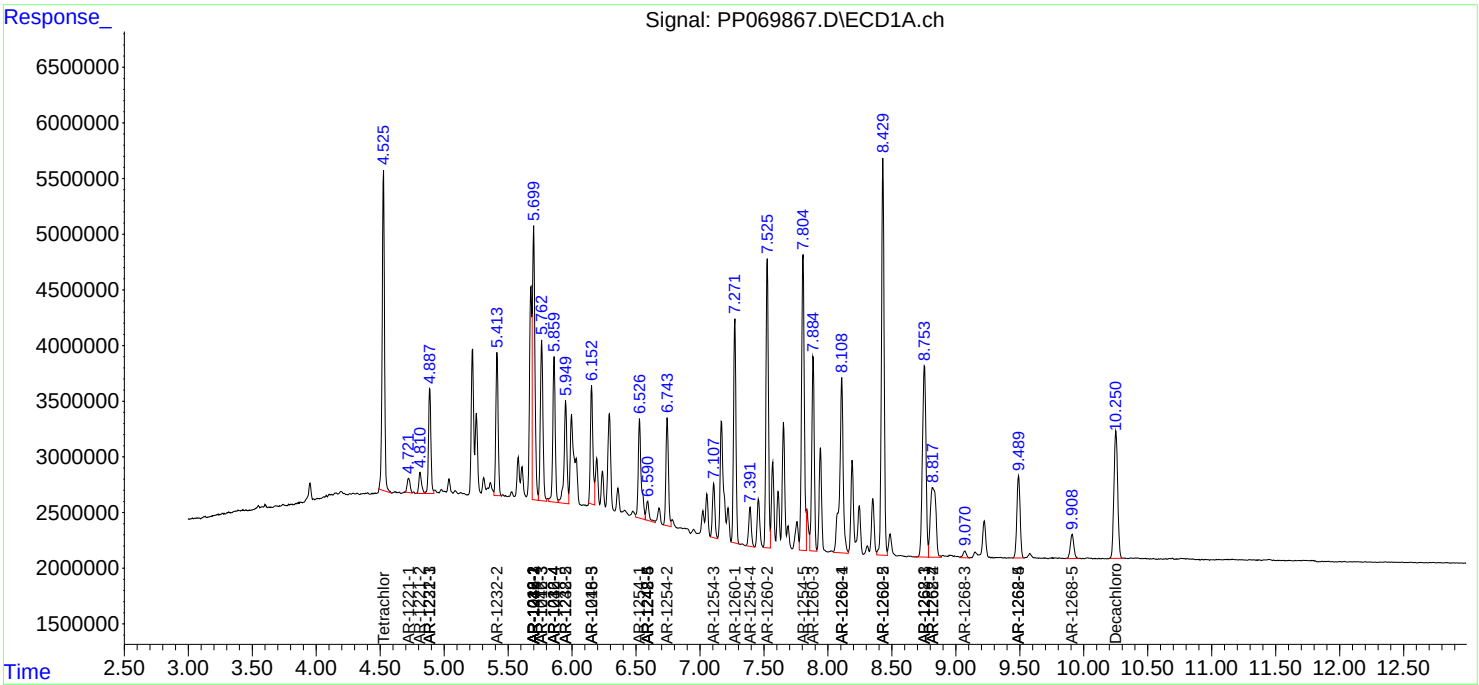
Quantitation Report (Not Reviewed)

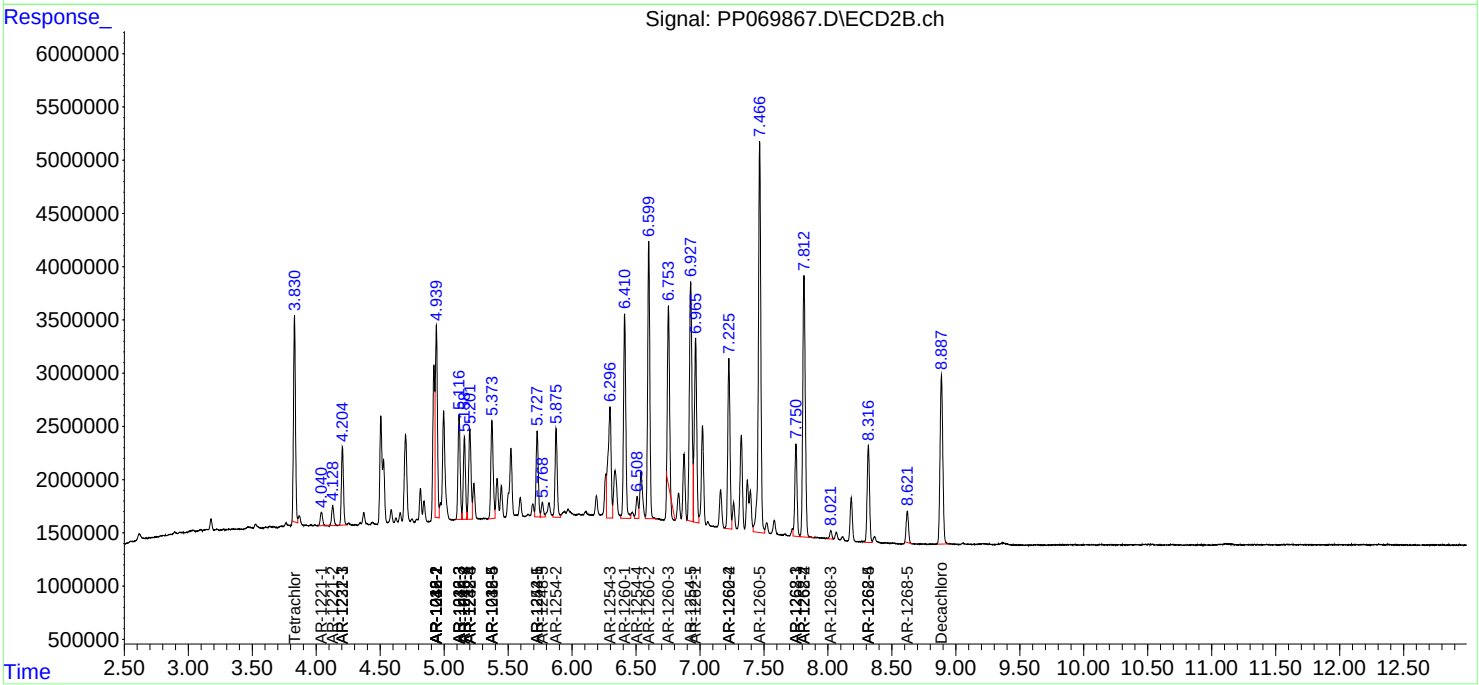
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Feb 2025 23:16
Operator : YP\AJ
Sample : Q1383-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

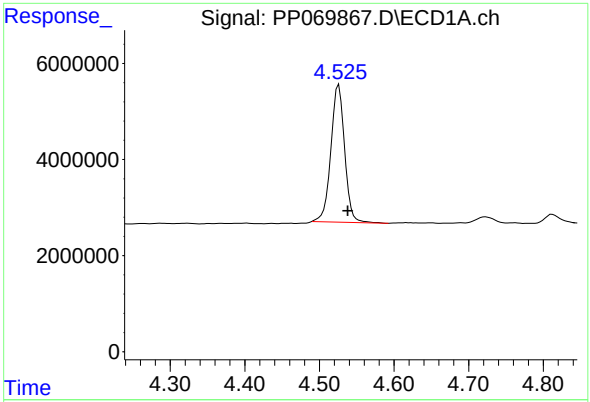
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:35:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



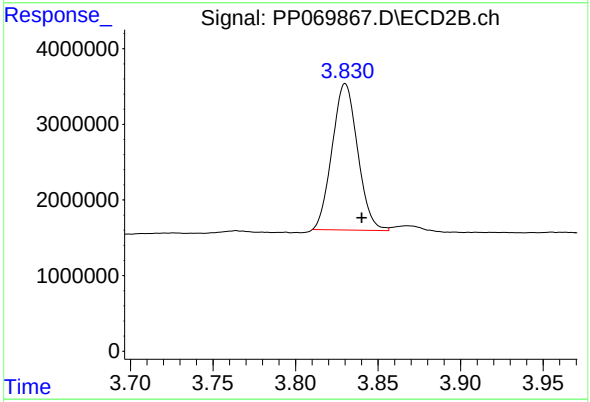




#1 Tetrachloro-m-xylene

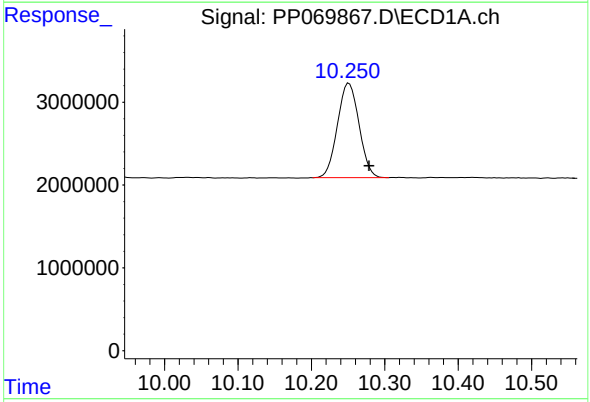
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 36630655
Conc: 25.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



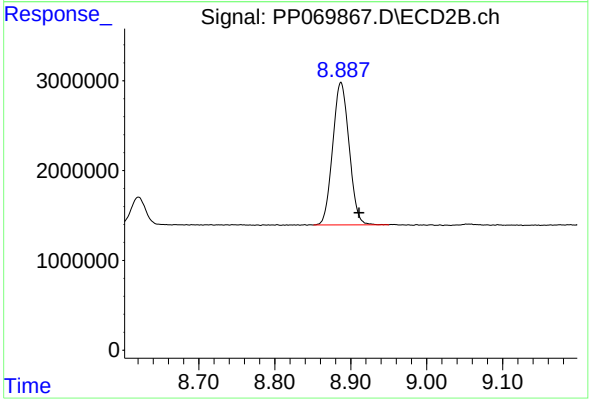
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 20788800
Conc: 23.29 ng/ml



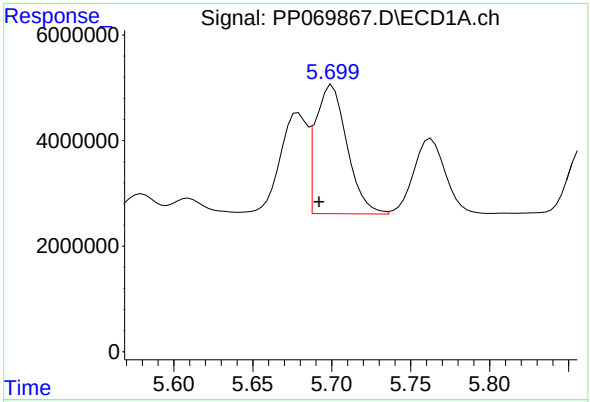
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.027 min
Response: 23348099
Conc: 21.36 ng/ml



#2 Decachlorobiphenyl

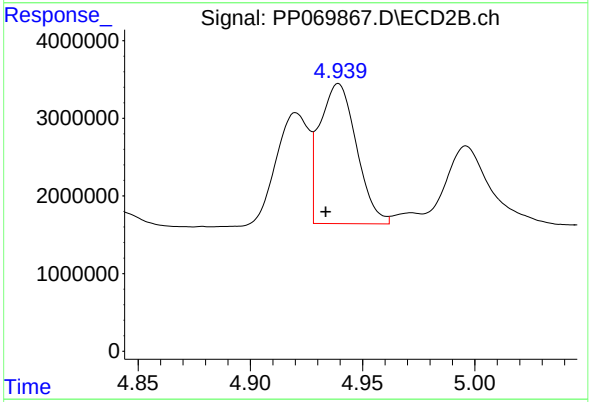
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 23813366
Conc: 21.29 ng/ml



#3 AR-1016-1

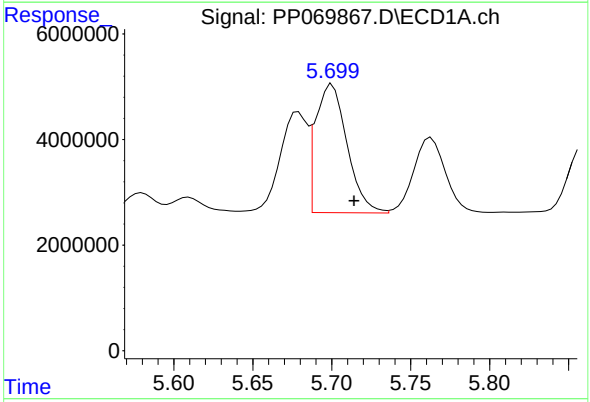
R.T.: 5.700 min
Delta R.T.: 0.008 min
Response: 33804377
Conc: 729.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



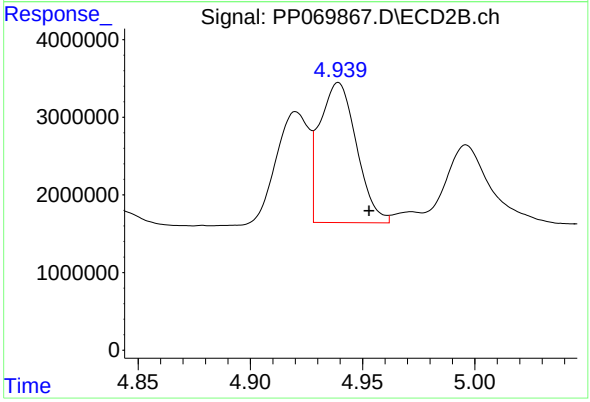
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 20600404
Conc: 631.62 ng/ml



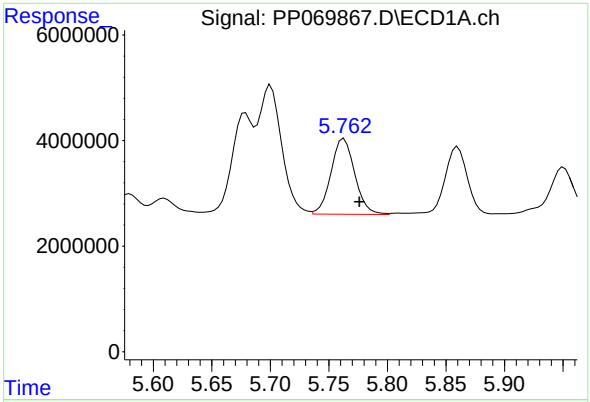
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 33804377
Conc: 498.02 ng/ml



#4 AR-1016-2

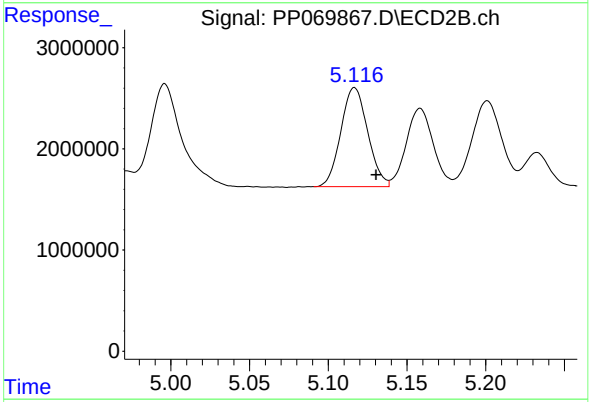
R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 20600404
Conc: 458.21 ng/ml



#5 AR-1016-3

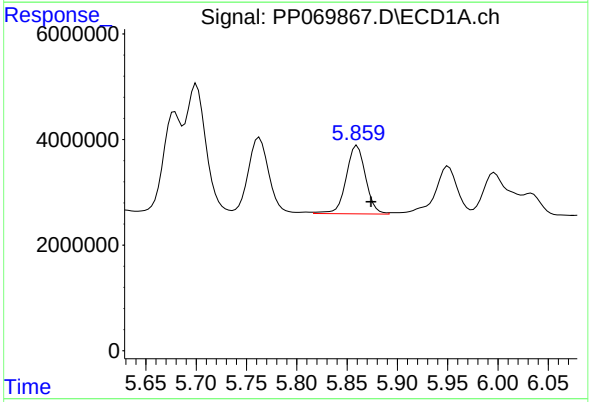
R.T.: 5.763 min
Delta R.T.: -0.013 min
Response: 20246471
Conc: 475.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



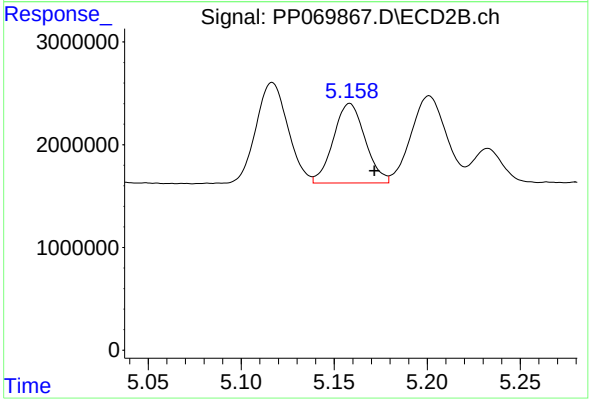
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.014 min
Response: 11640390
Conc: 467.79 ng/ml



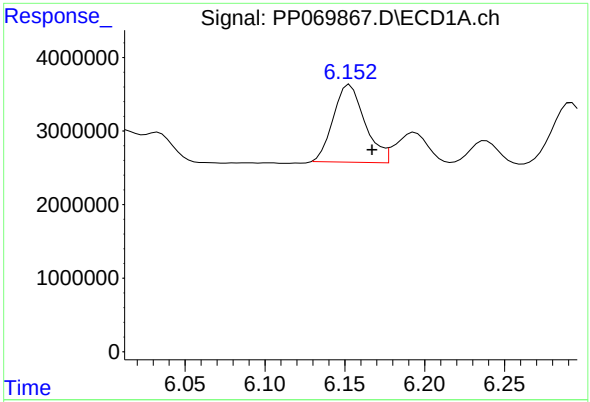
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.014 min
Response: 17419228
Conc: 497.69 ng/ml



#6 AR-1016-4

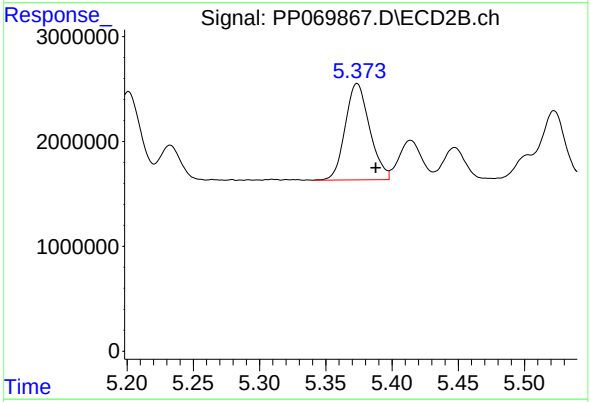
R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 9228852
Conc: 456.96 ng/ml



#7 AR-1016-5

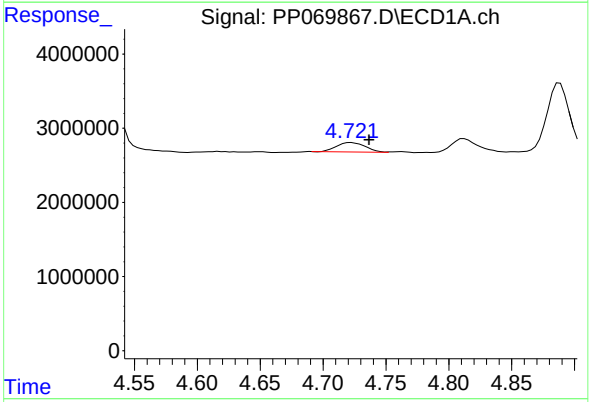
R.T.: 6.153 min
Delta R.T.: -0.014 min
Response: 14531013
Conc: 439.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



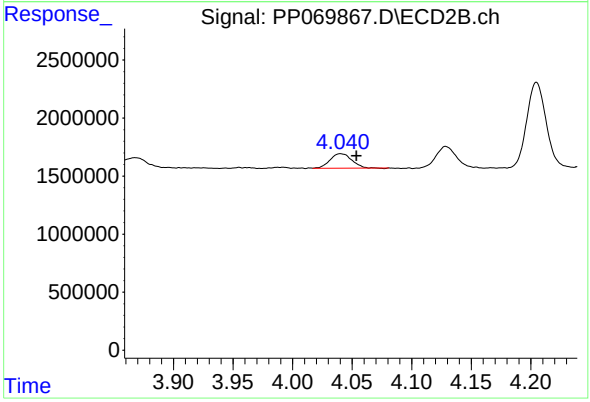
#7 AR-1016-5

R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 11776407
Conc: 439.03 ng/ml



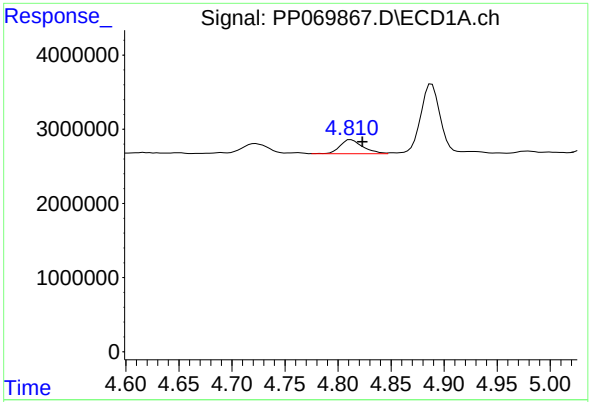
#8 AR-1221-1

R.T.: 4.722 min
Delta R.T.: -0.014 min
Response: 2022481
Conc: 106.34 ng/ml



#8 AR-1221-1

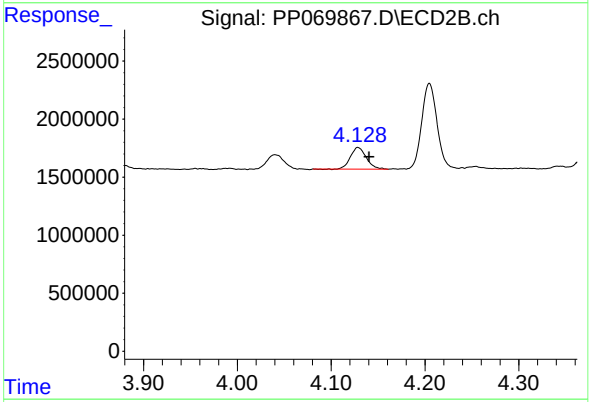
R.T.: 4.040 min
Delta R.T.: -0.013 min
Response: 1554564
Conc: 126.20 ng/ml



#9 AR-1221-2

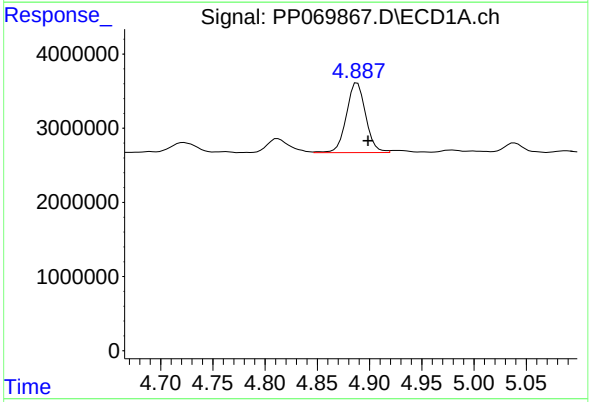
R.T.: 4.812 min
Delta R.T.: -0.011 min
Response: 2793912
Conc: 204.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



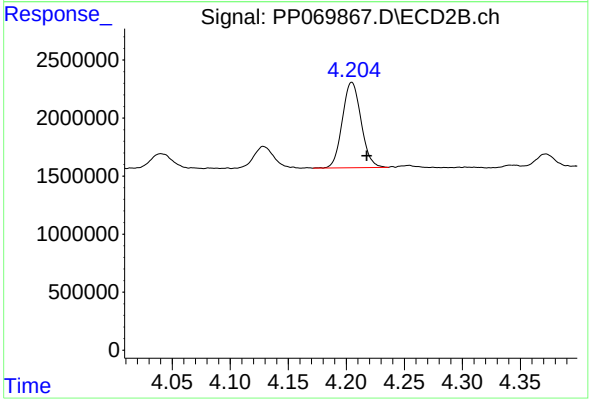
#9 AR-1221-2

R.T.: 4.129 min
Delta R.T.: -0.012 min
Response: 2177637
Conc: 224.88 ng/ml



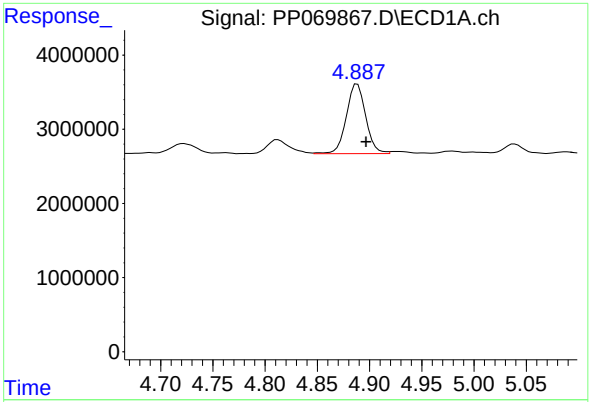
#10 AR-1221-3

R.T.: 4.888 min
Delta R.T.: -0.010 min
Response: 12109189
Conc: 288.70 ng/ml



#10 AR-1221-3

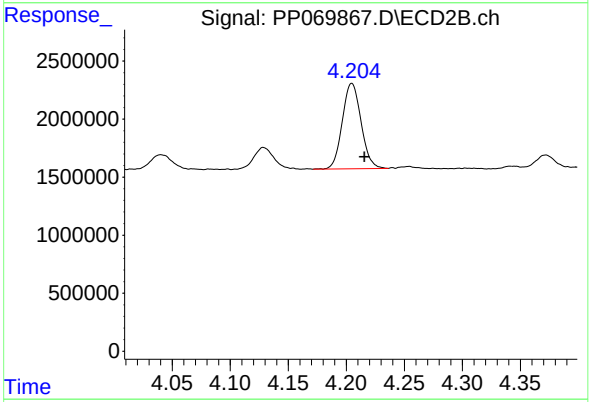
R.T.: 4.205 min
Delta R.T.: -0.013 min
Response: 8278660
Conc: 283.77 ng/ml



#11 AR-1232-1

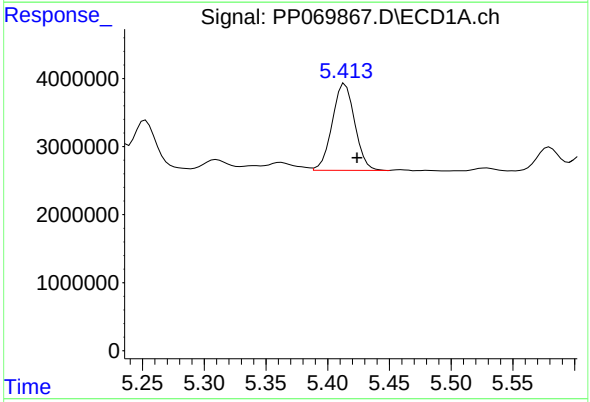
R.T.: 4.888 min
Delta R.T.: -0.008 min
Response: 12109189
Conc: 363.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



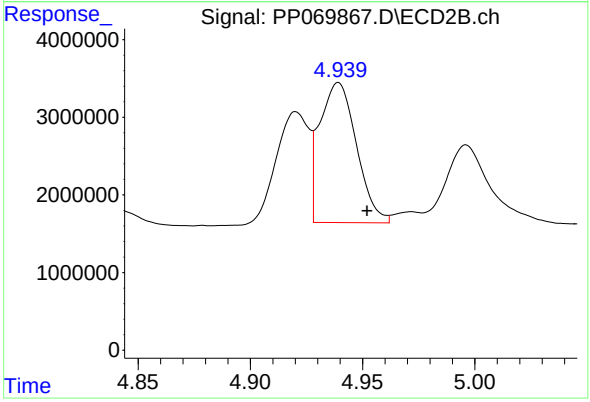
#11 AR-1232-1

R.T.: 4.205 min
Delta R.T.: -0.011 min
Response: 8278660
Conc: 352.59 ng/ml



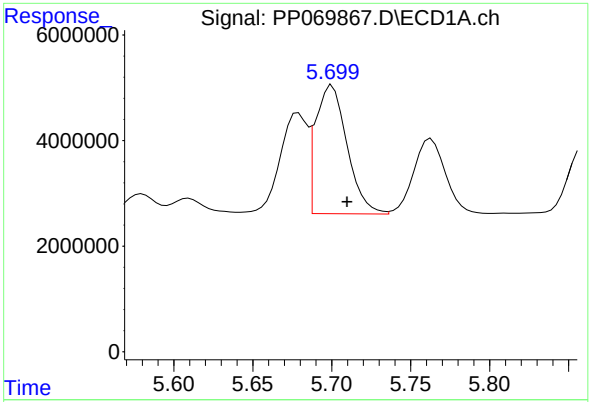
#12 AR-1232-2

R.T.: 5.414 min
Delta R.T.: -0.010 min
Response: 16195225
Conc: 991.02 ng/ml



#12 AR-1232-2

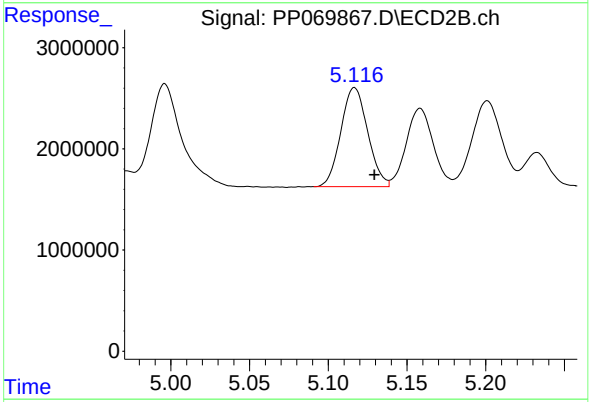
R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 20600404
Conc: 873.94 ng/ml



#13 AR-1232-3

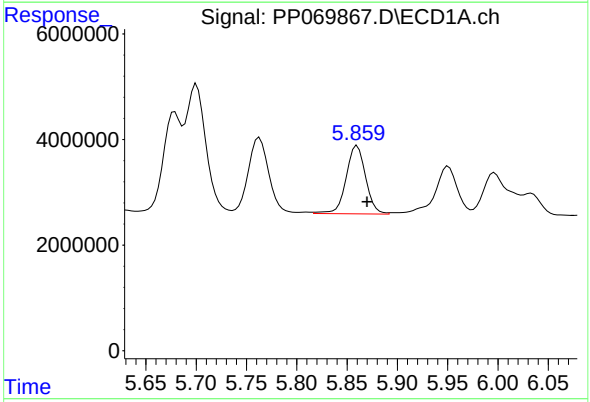
R.T.: 5.700 min
Delta R.T.: -0.009 min
Response: 33804377
Conc: 983.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



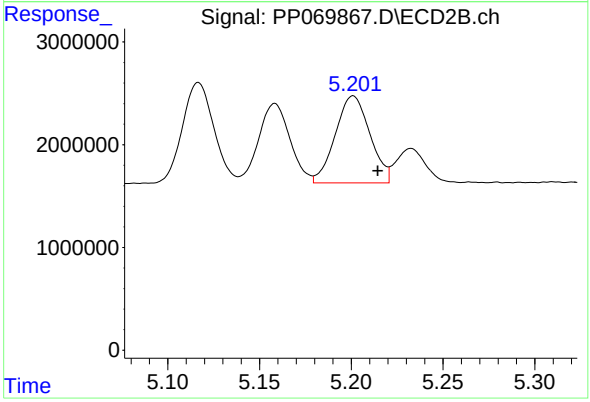
#13 AR-1232-3

R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 11640390
Conc: 899.06 ng/ml



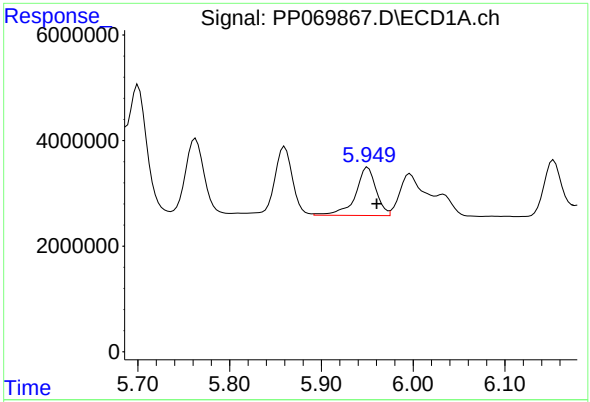
#14 AR-1232-4

R.T.: 5.860 min
Delta R.T.: -0.010 min
Response: 17419228
Conc: 977.72 ng/ml



#14 AR-1232-4

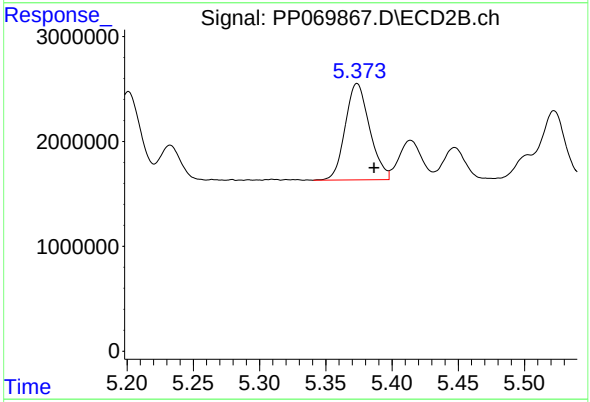
R.T.: 5.201 min
Delta R.T.: -0.013 min
Response: 11148536
Conc: 1005.61 ng/ml



#15 AR-1232-5

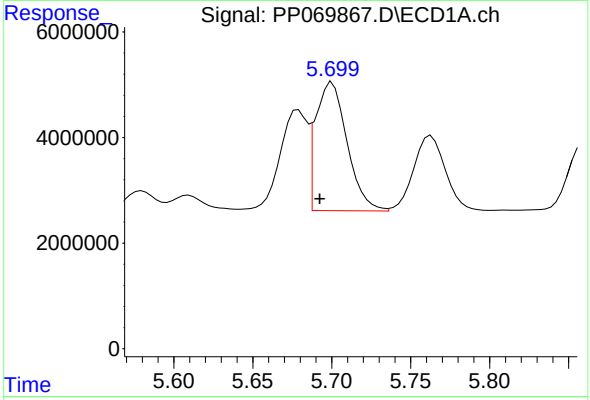
R.T.: 5.951 min
Delta R.T.: -0.010 min
Response: 14345725
Conc: 1251.54 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



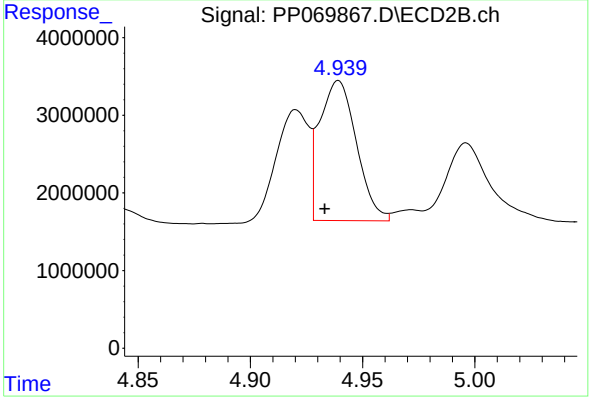
#15 AR-1232-5

R.T.: 5.374 min
Delta R.T.: -0.013 min
Response: 11776407
Conc: 964.46 ng/ml



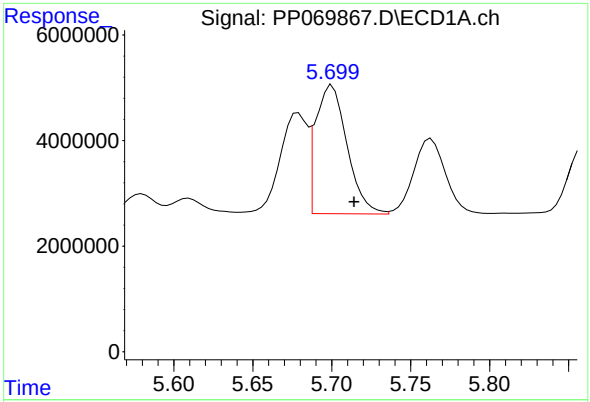
#16 AR-1242-1

R.T.: 5.700 min
Delta R.T.: 0.008 min
Response: 33804377
Conc: 810.55 ng/ml



#16 AR-1242-1

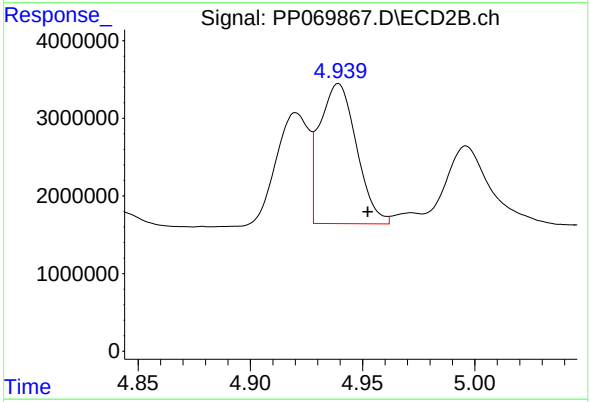
R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 20600404
Conc: 714.50 ng/ml



#17 AR-1242-2

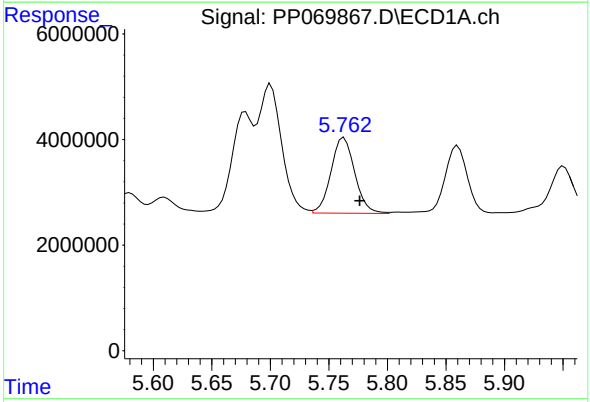
R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 33804377
Conc: 573.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



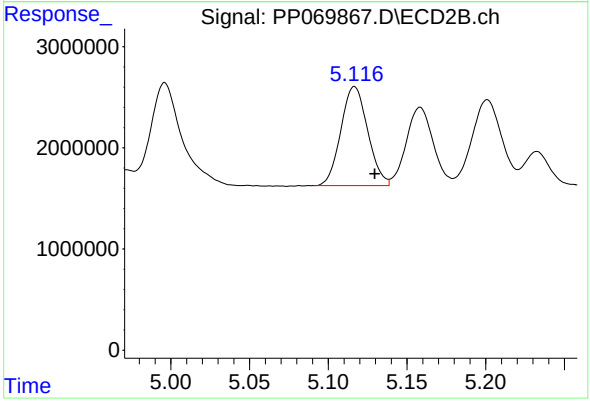
#17 AR-1242-2

R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 20600404
Conc: 522.88 ng/ml



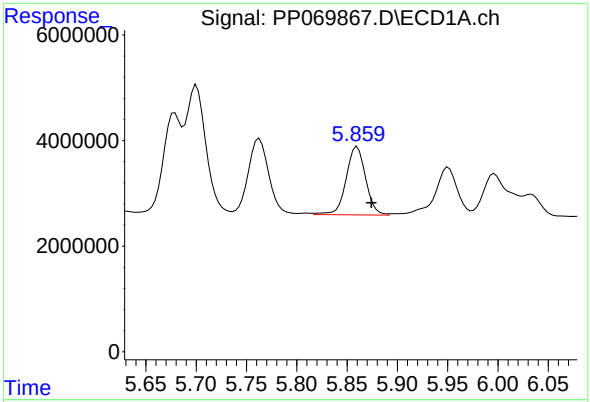
#18 AR-1242-3

R.T.: 5.763 min
Delta R.T.: -0.013 min
Response: 20246471
Conc: 545.75 ng/ml



#18 AR-1242-3

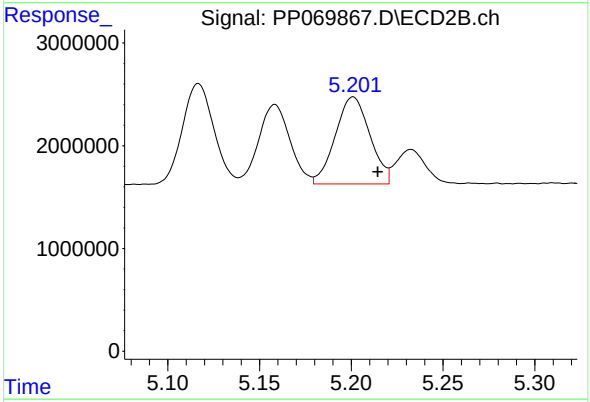
R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 11640390
Conc: 517.26 ng/ml



#19 AR-1242-4

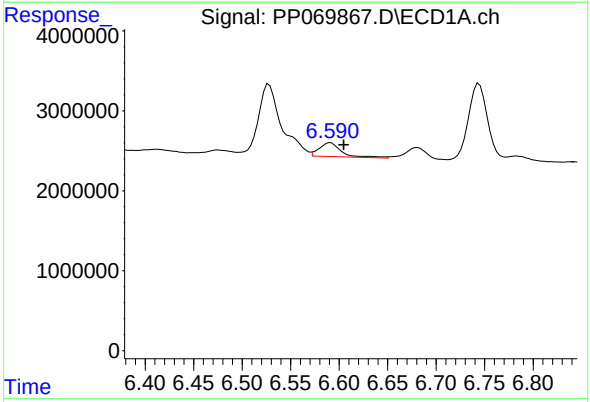
R.T.: 5.860 min
Delta R.T.: -0.014 min
Response: 17419228
Conc: 531.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



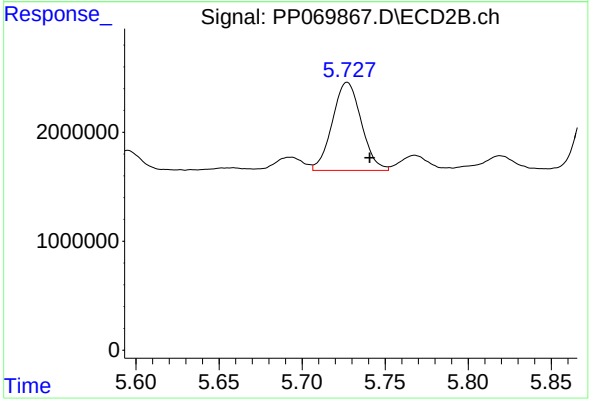
#19 AR-1242-4

R.T.: 5.201 min
Delta R.T.: -0.013 min
Response: 11148536
Conc: 516.56 ng/ml



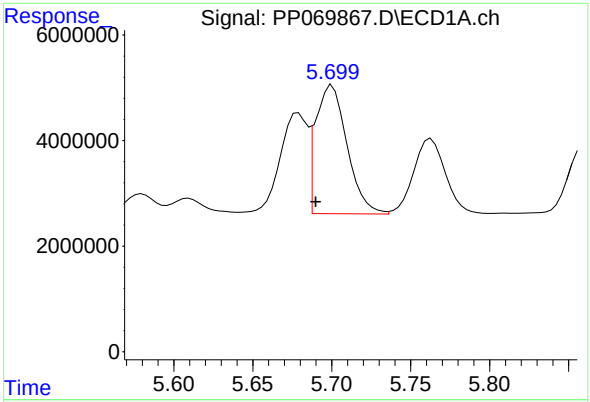
#20 AR-1242-5

R.T.: 6.591 min
Delta R.T.: -0.014 min
Response: 2769128
Conc: 84.98 ng/ml



#20 AR-1242-5

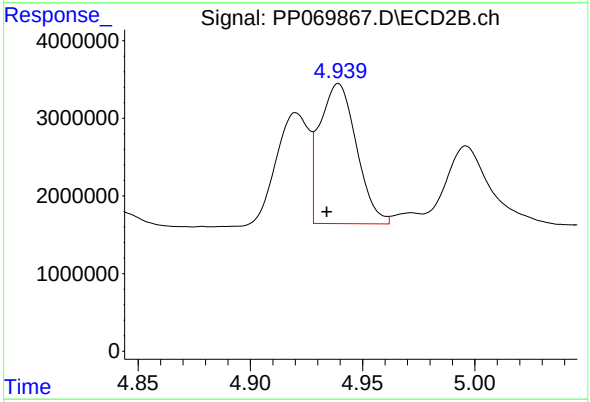
R.T.: 5.727 min
Delta R.T.: -0.013 min
Response: 9806280
Conc: 340.87 ng/ml



#21 AR-1248-1

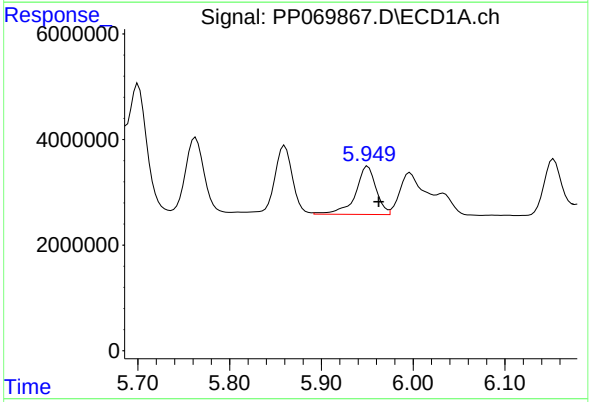
R.T.: 5.700 min
Delta R.T.: 0.011 min
Response: 33804377
Conc: 1042.09 ng/m

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



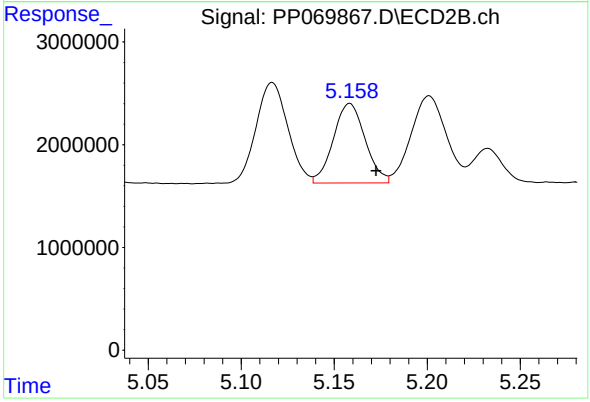
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 20600404
Conc: 935.93 ng/ml



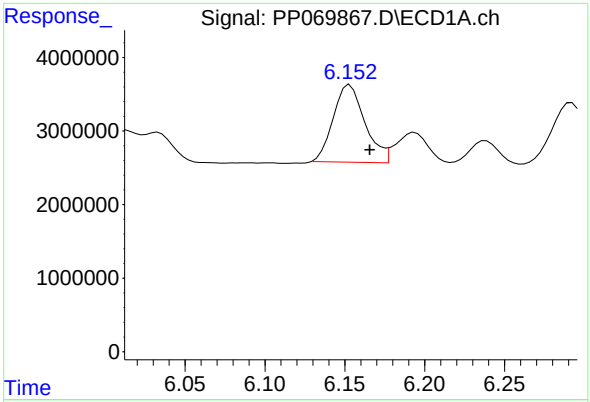
#22 AR-1248-2

R.T.: 5.951 min
Delta R.T.: -0.012 min
Response: 14345725
Conc: 337.97 ng/ml



#22 AR-1248-2

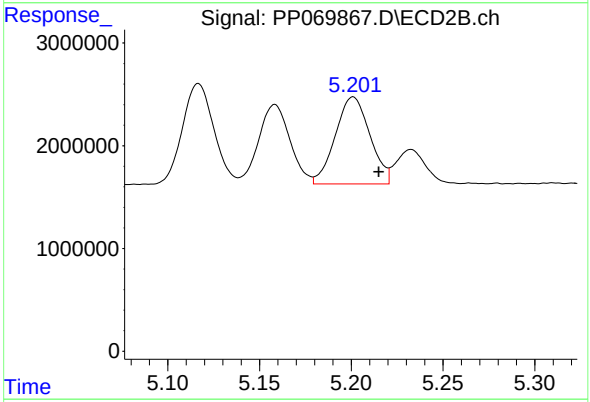
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9228852
Conc: 306.97 ng/ml



#23 AR-1248-3

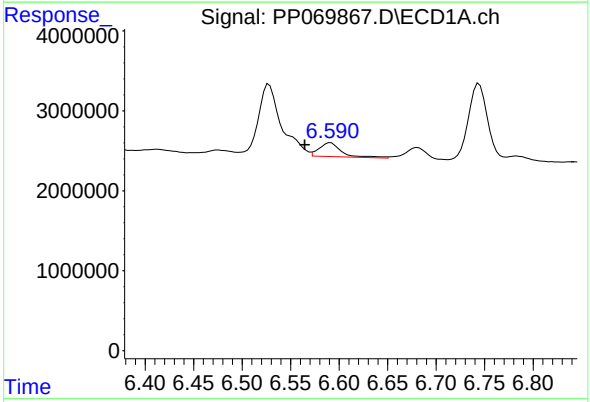
R.T.: 6.153 min
Delta R.T.: -0.012 min
Response: 14531013
Conc: 309.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



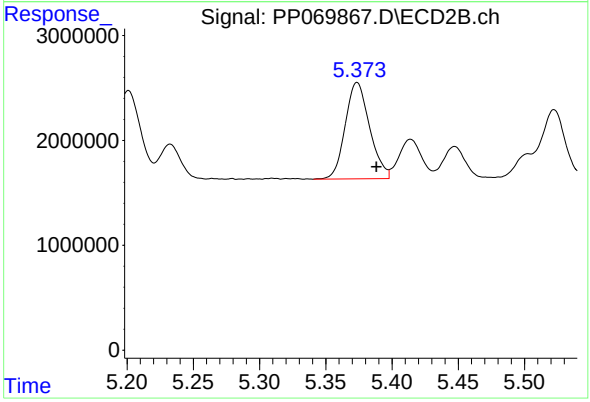
#23 AR-1248-3

R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 11148536
Conc: 359.81 ng/ml



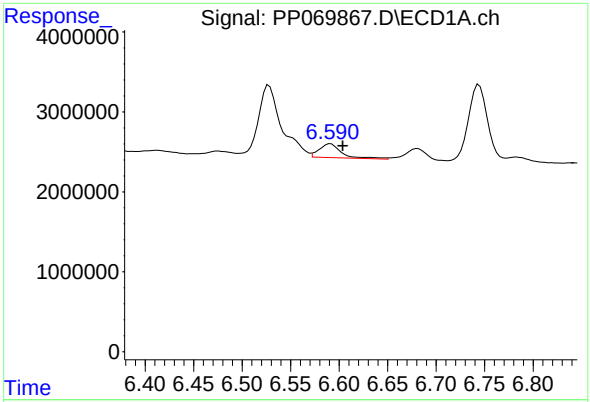
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: 0.027 min
Response: 2769128
Conc: 50.24 ng/ml



#24 AR-1248-4

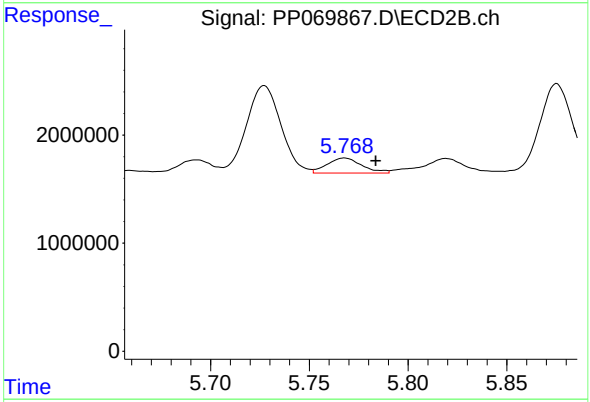
R.T.: 5.374 min
Delta R.T.: -0.015 min
Response: 11776407
Conc: 318.77 ng/ml



#25 AR-1248-5

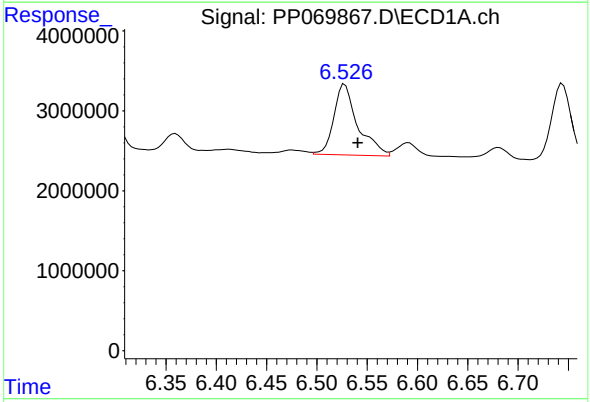
R.T.: 6.591 min
Delta R.T.: -0.012 min
Response: 2769128
Conc: 51.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



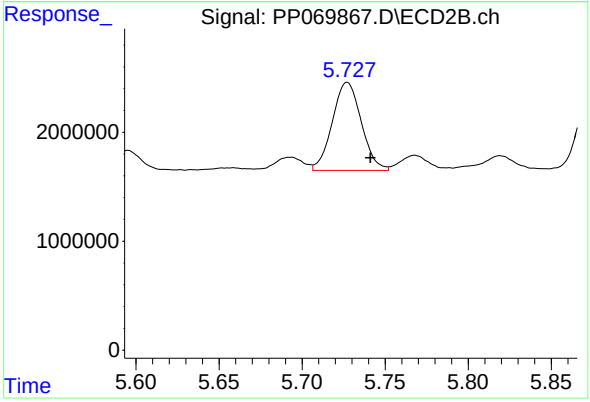
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.016 min
Response: 1706623
Conc: 45.64 ng/ml



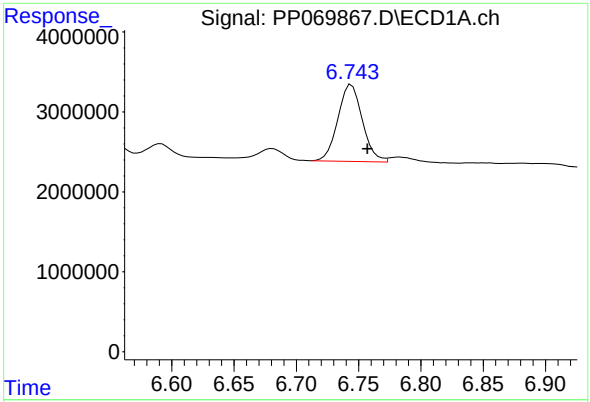
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.013 min
Response: 14591368
Conc: 252.17 ng/ml



#26 AR-1254-1

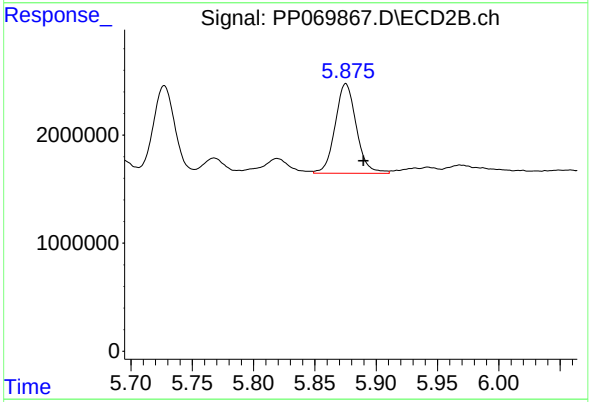
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 9806280
Conc: 178.12 ng/ml



#27 AR-1254-2

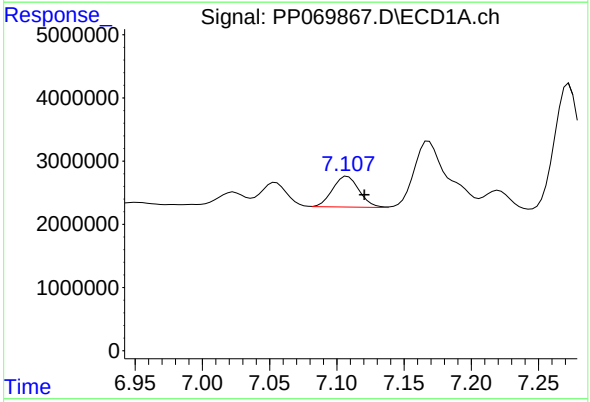
R.T.: 6.744 min
Delta R.T.: -0.013 min
Response: 13172728
Conc: 164.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



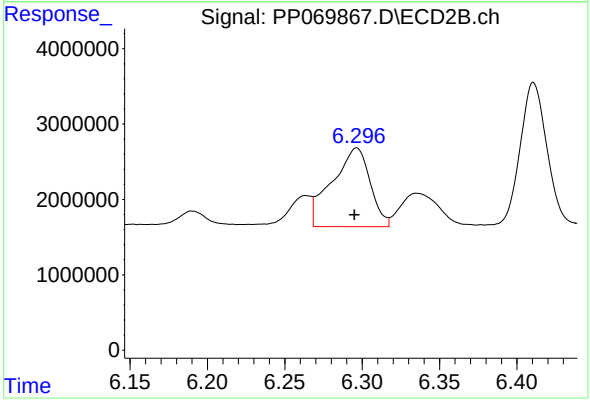
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 9958016
Conc: 205.88 ng/ml



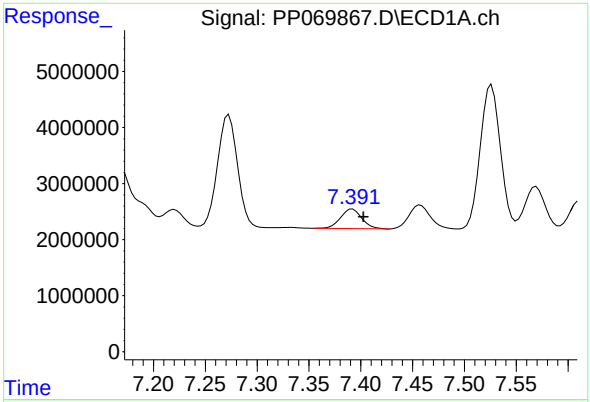
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: -0.013 min
Response: 6665190
Conc: 79.08 ng/ml



#28 AR-1254-3

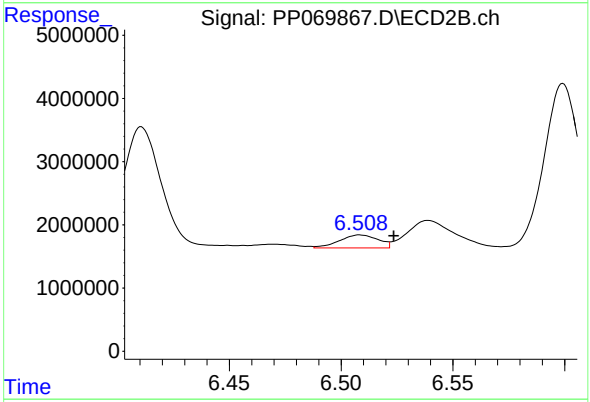
R.T.: 6.296 min
Delta R.T.: 0.002 min
Response: 17932329
Conc: 236.27 ng/ml



#29 AR-1254-4

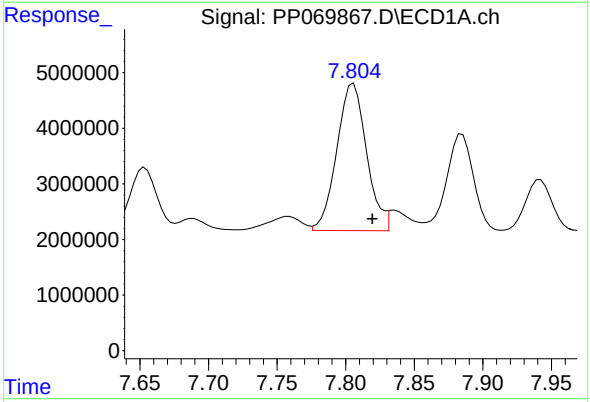
R.T.: 7.392 min
Delta R.T.: -0.011 min
Response: 5019570
Conc: 73.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



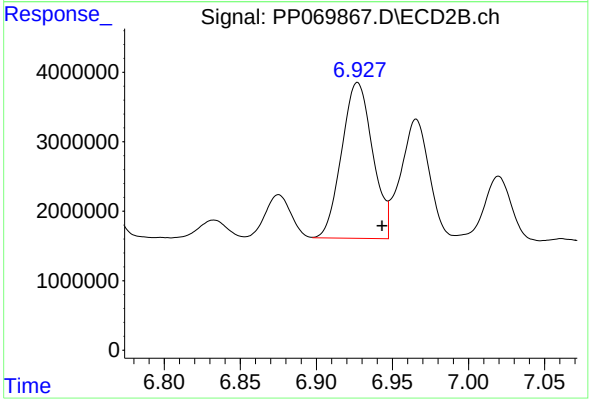
#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 2476140
Conc: 48.32 ng/ml



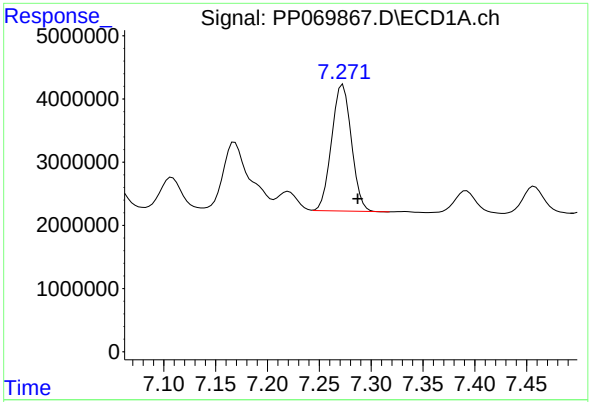
#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.014 min
Response: 39975367
Conc: 587.47 ng/ml



#30 AR-1254-5

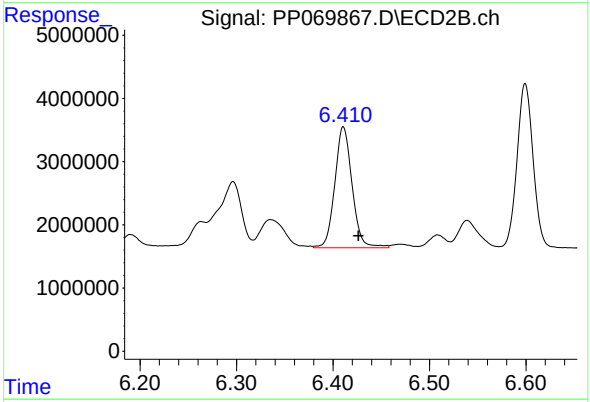
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 31806805
Conc: 477.86 ng/ml



#31 AR-1260-1

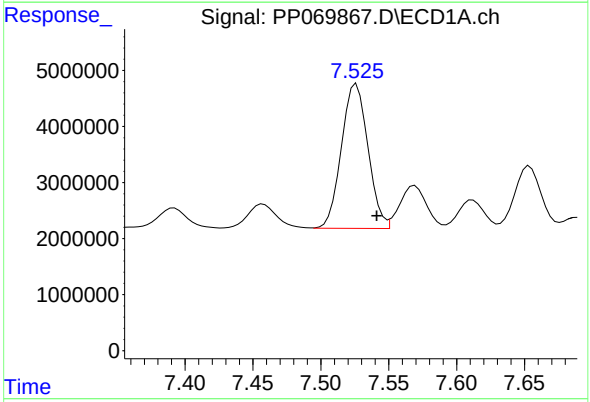
R.T.: 7.273 min
Delta R.T.: -0.014 min
Response: 26665879
Conc: 456.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



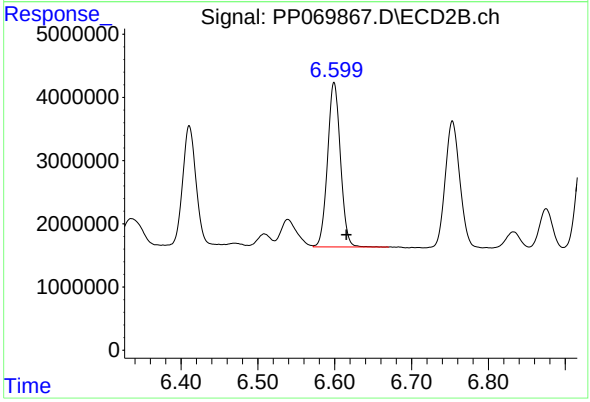
#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.016 min
Response: 23841527
Conc: 494.33 ng/ml



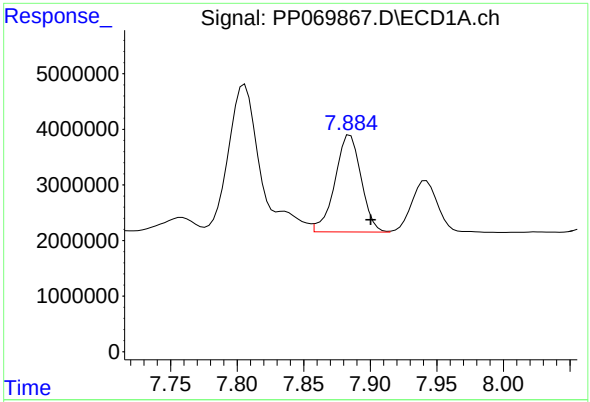
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.015 min
Response: 35079268
Conc: 450.82 ng/ml



#32 AR-1260-2

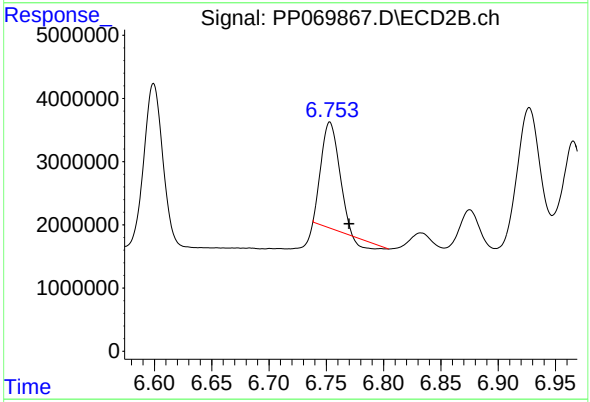
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 30024592
Conc: 489.77 ng/ml



#33 AR-1260-3

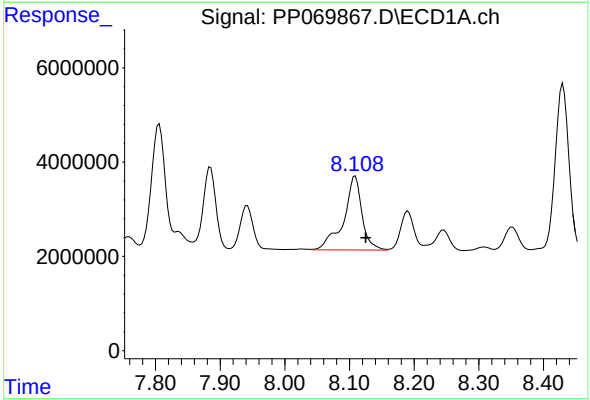
R.T.: 7.885 min
Delta R.T.: -0.015 min
Response: 23939740
Conc: 382.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



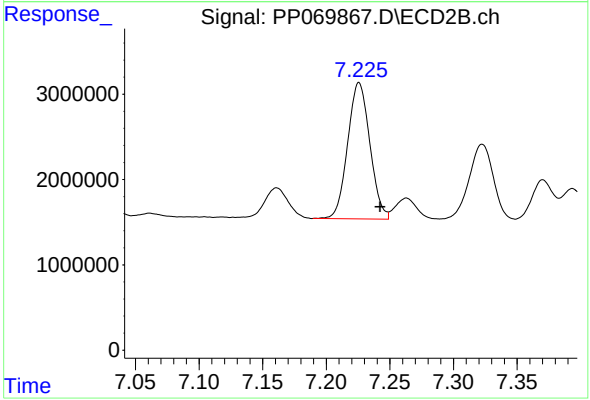
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 17135339
Conc: 284.85 ng/ml



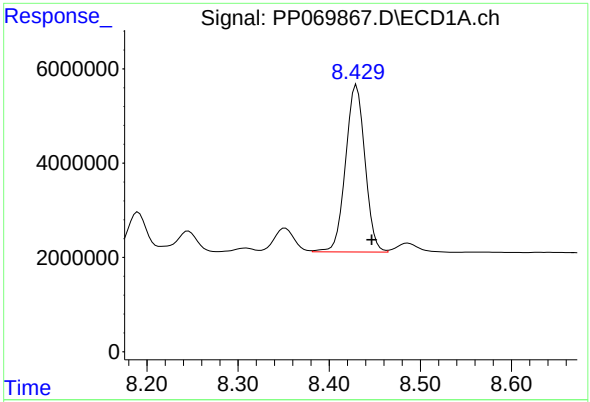
#34 AR-1260-4

R.T.: 8.109 min
Delta R.T.: -0.016 min
Response: 30888088
Conc: 468.17 ng/ml



#34 AR-1260-4

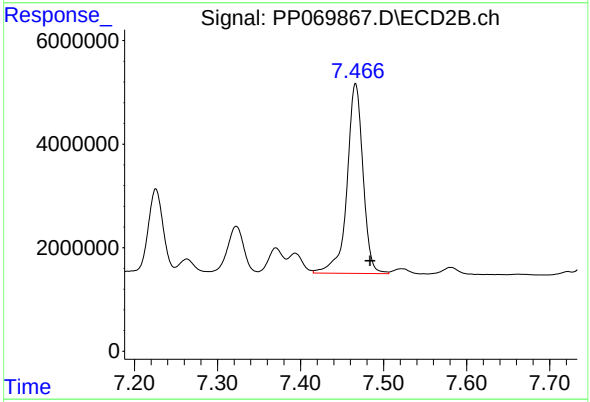
R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 19419626
Conc: 417.92 ng/ml



#35 AR-1260-5

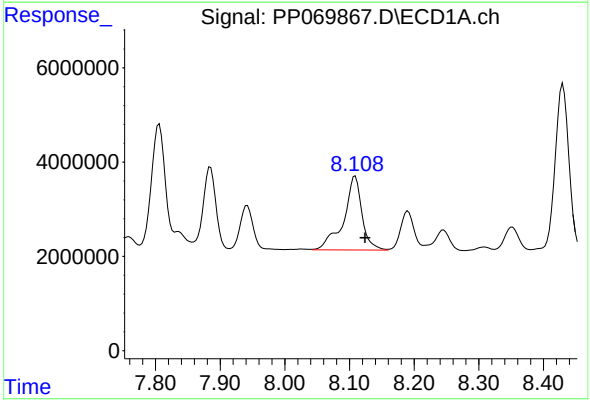
R.T.: 8.430 min
Delta R.T.: -0.017 min
Response: 52424522
Conc: 400.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



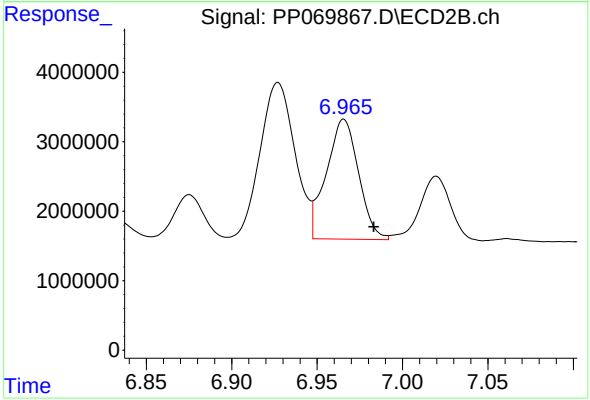
#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.017 min
Response: 49056468
Conc: 441.37 ng/ml



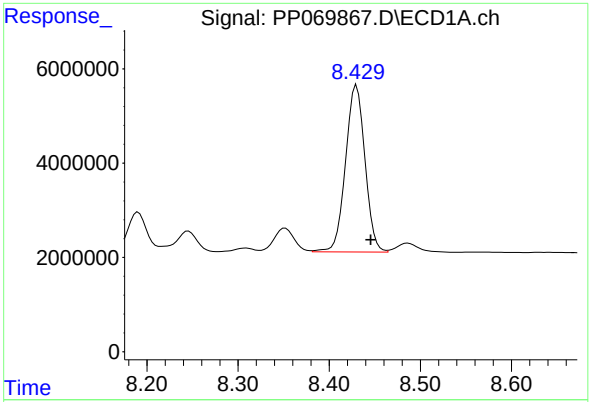
#36 AR-1262-1

R.T.: 8.109 min
Delta R.T.: -0.015 min
Response: 30888088
Conc: 390.90 ng/ml



#36 AR-1262-1

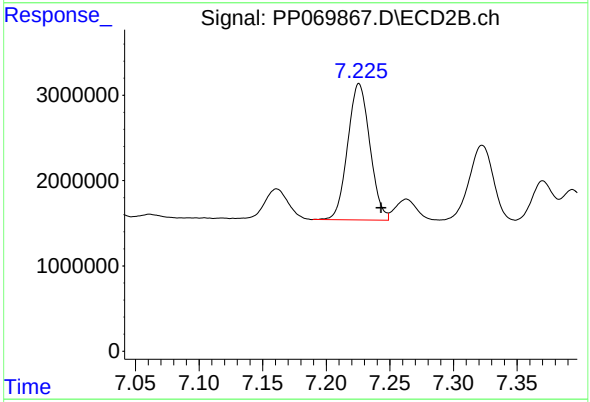
R.T.: 6.966 min
Delta R.T.: -0.017 min
Response: 22702223
Conc: 319.69 ng/ml



#37 AR-1262-2

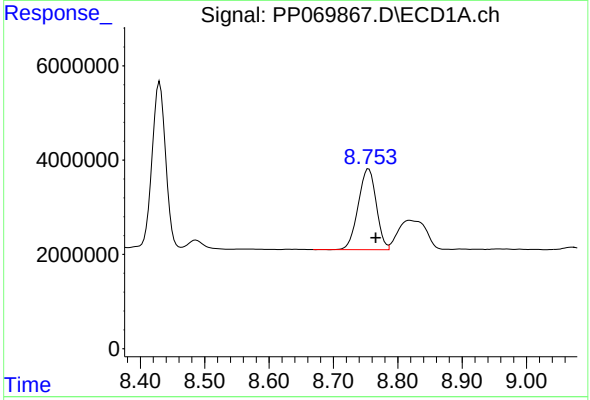
R.T.: 8.430 min
Delta R.T.: -0.016 min
Response: 52424522
Conc: 342.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



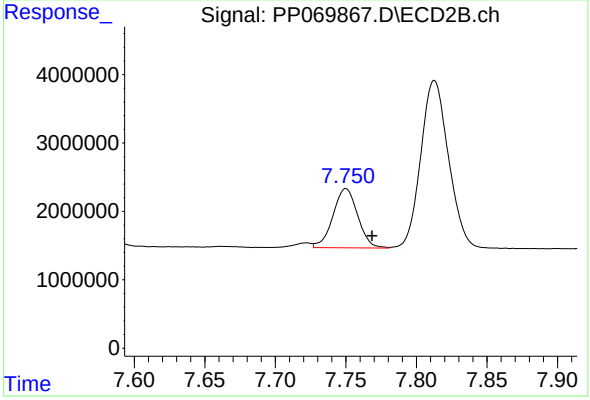
#37 AR-1262-2

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 19419626
Conc: 318.46 ng/ml



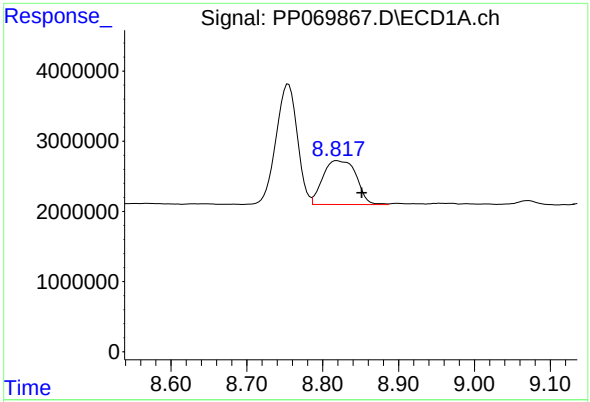
#38 AR-1262-3

R.T.: 8.755 min
Delta R.T.: -0.011 min
Response: 33341362
Conc: 313.71 ng/ml



#38 AR-1262-3

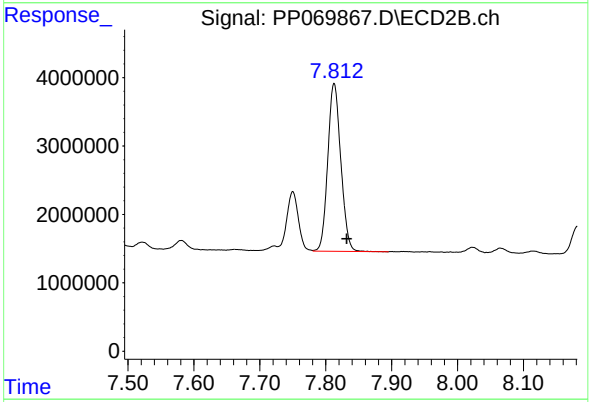
R.T.: 7.750 min
Delta R.T.: -0.018 min
Response: 10578356
Conc: 202.27 ng/ml



#39 AR-1262-4

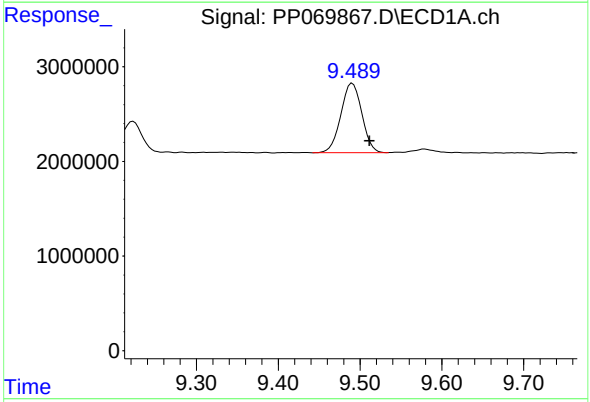
R.T.: 8.819 min
Delta R.T.: -0.033 min
Response: 19137199
Conc: 233.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



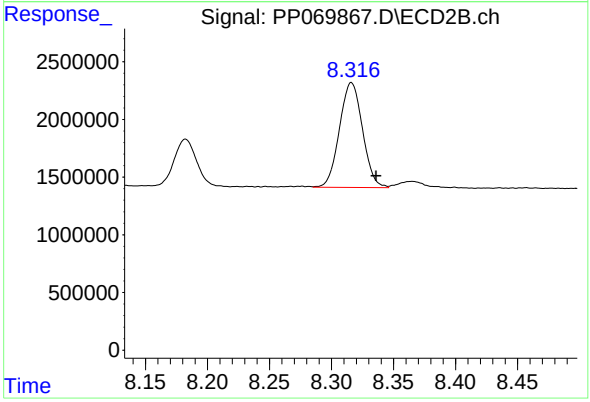
#39 AR-1262-4

R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 33689827
Conc: 364.46 ng/ml



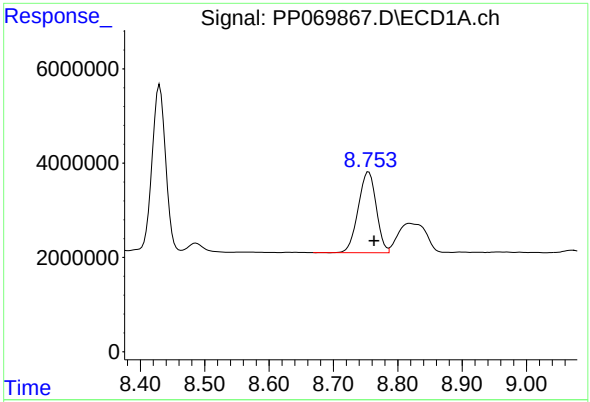
#40 AR-1262-5

R.T.: 9.491 min
Delta R.T.: -0.021 min
Response: 13039671
Conc: 230.34 ng/ml



#40 AR-1262-5

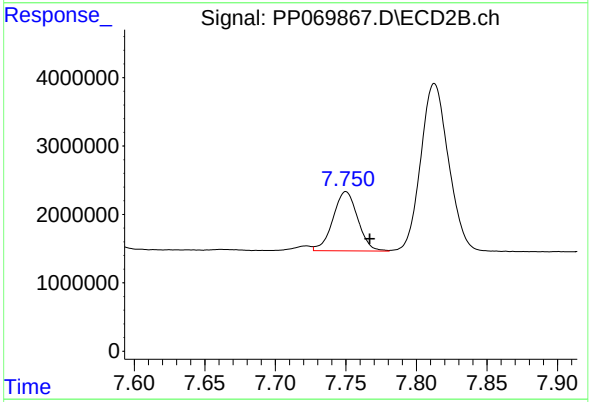
R.T.: 8.316 min
Delta R.T.: -0.020 min
Response: 11790864
Conc: 246.71 ng/ml



#41 AR-1268-1

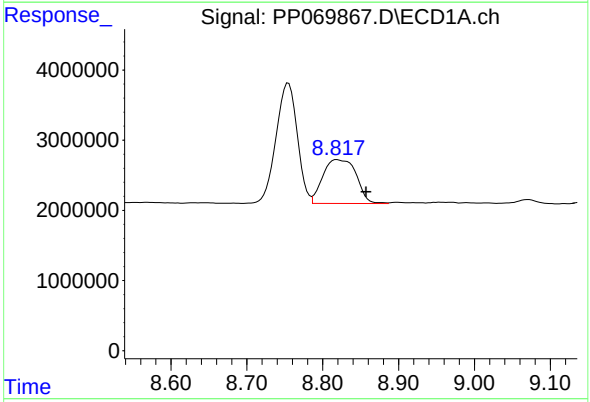
R.T.: 8.755 min
Delta R.T.: -0.008 min
Response: 33341362
Conc: 188.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



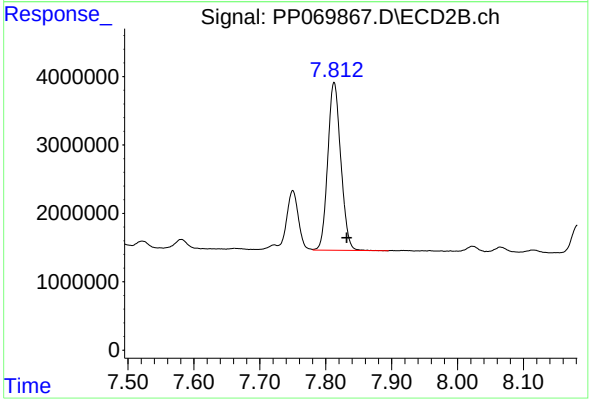
#41 AR-1268-1

R.T.: 7.750 min
Delta R.T.: -0.017 min
Response: 10578356
Conc: 72.89 ng/ml



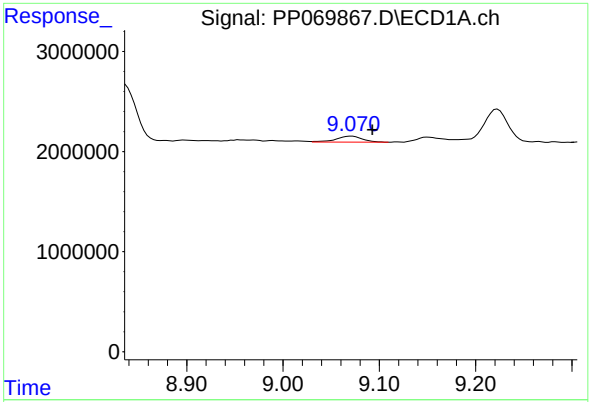
#42 AR-1268-2

R.T.: 8.819 min
Delta R.T.: -0.038 min
Response: 19137199
Conc: 121.61 ng/ml



#42 AR-1268-2

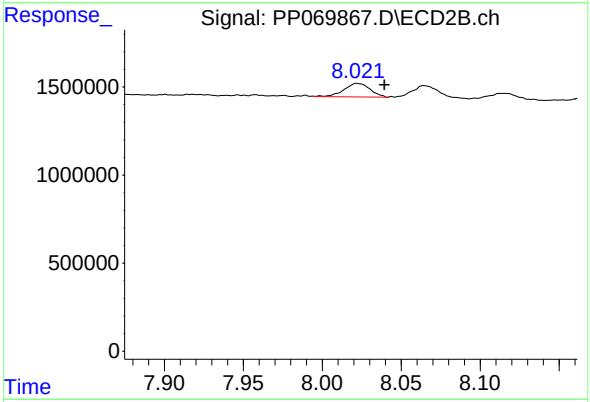
R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 33689827
Conc: 253.66 ng/ml



#43 AR-1268-3

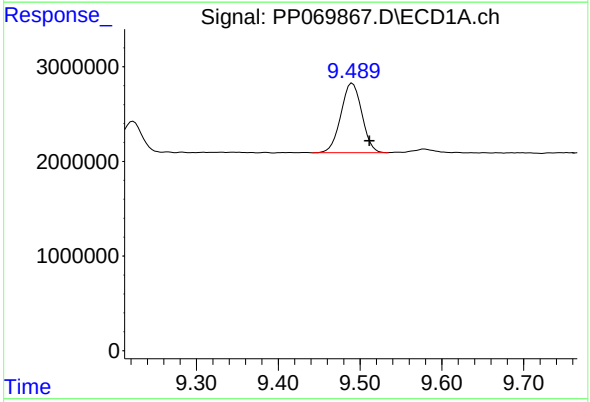
R.T.: 9.071 min
Delta R.T.: -0.022 min
Response: 1161648
Conc: 8.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



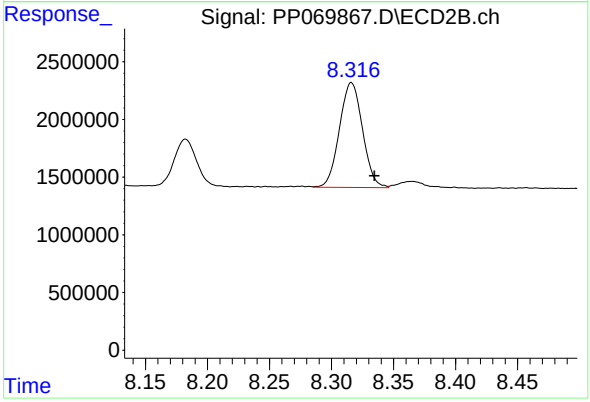
#43 AR-1268-3

R.T.: 8.022 min
Delta R.T.: -0.017 min
Response: 886581
Conc: 7.79 ng/ml



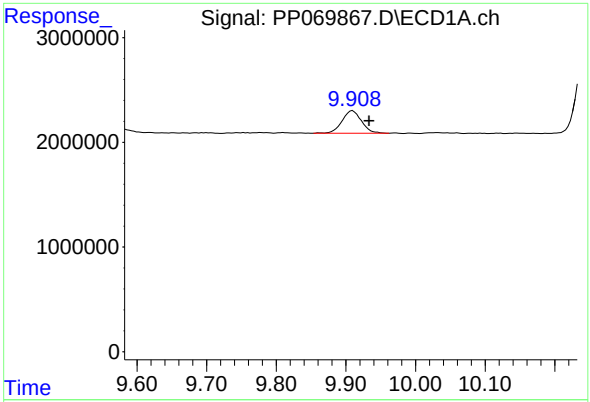
#44 AR-1268-4

R.T.: 9.491 min
Delta R.T.: -0.021 min
Response: 13039671
Conc: 222.06 ng/ml



#44 AR-1268-4

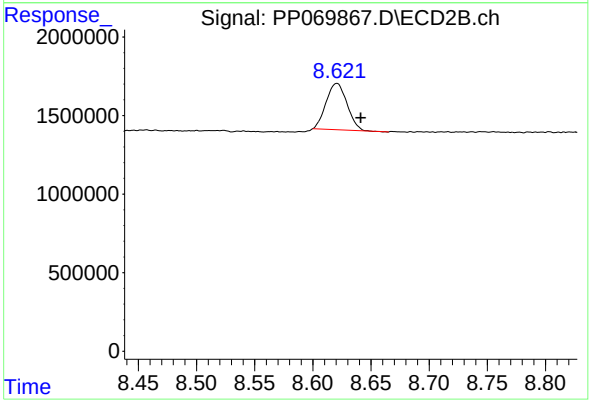
R.T.: 8.316 min
Delta R.T.: -0.018 min
Response: 11790864
Conc: 226.41 ng/ml



#45 AR-1268-5

R.T.: 9.909 min
Delta R.T.: -0.024 min
Response: 4193381
Conc: 11.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-11-021725MSD



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.020 min
Response: 3690960
Conc: 10.36 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069871.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 00:21
Operator : YP\AJ
Sample : Q1383-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:37:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.524	3.829	38066491	20774115	26.592	23.275	
2)	SA Decachlor...	10.252	8.887	26084782	26344483	23.868	23.554	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.937	0	212229	N.D.	6.507	#
4)	L1 AR-1016-2	0.000	4.937	0	212229	N.D.	4.721	#
5)	L1 AR-1016-3	0.000	5.113	0	28927	N.D.	1.162	#
6)	L1 AR-1016-4	0.000	5.157	0	999469	N.D.	49.488	#
7)	L1 AR-1016-5	6.150	5.371	830297	1260340	25.116	46.986	#
8)	L2 AR-1221-1	0.000	4.048	0	44795	N.D.	3.637	#
9)	L2 AR-1221-2	4.826	4.133	608155	652171	44.415	67.350	#
10)	L2 AR-1221-3	0.000	4.211	0	59041	N.D.	2.024	#
11)	L3 AR-1232-1	0.000	4.211	0	59041	N.D.	2.515	#
12)	L3 AR-1232-2	5.379f	4.937	538329	212229	32.941	9.004	#
13)	L3 AR-1232-3	0.000	5.113	0	28927	N.D.	2.234	#
14)	L3 AR-1232-4	0.000	5.199	0	359583	N.D.	32.435	#
15)	L3 AR-1232-5	5.948	5.371	1281029	1260340	111.759	103.219	
16)	L4 AR-1242-1	0.000	4.937	0	212229	N.D.	7.361	#
17)	L4 AR-1242-2	0.000	4.937	0	212229	N.D.	5.387	#
18)	L4 AR-1242-3	0.000	5.113	0	28927	N.D.	1.285	#
19)	L4 AR-1242-4	0.000	5.199	0	359583	N.D.	16.661	#
20)	L4 AR-1242-5	6.589	5.726	1655787	3488659	50.815	121.267	#
21)	L5 AR-1248-1	0.000	4.937	0	212229	N.D.	9.642	#
22)	L5 AR-1248-2	5.948	5.157	1281029	999469	30.180	33.244	
23)	L5 AR-1248-3	6.150	5.231	830297	77764	17.671	2.510	#
24)	L5 AR-1248-4	6.548	5.371	2122767	1260340	38.511	34.115	
25)	L5 AR-1248-5	6.589	5.767	1655787	845041	31.017	22.601	#
26)	L6 AR-1254-1	6.548	5.726	2122767	3488659	36.686	63.366	#
27)	L6 AR-1254-2	6.743	5.874	4920553	3501614	61.322	72.394	
28)	L6 AR-1254-3	7.105	6.279	4571916	5283049	54.241	69.609	#
29)	L6 AR-1254-4	7.388	6.538	4399277	581236	64.517	11.341	#
30)	L6 AR-1254-5	7.805	6.926	3323579	3511924	48.843	52.763	
31)	L7 AR-1260-1	7.270	6.410	1338008	2890562	22.897	59.933	#
32)	L7 AR-1260-2	7.524	6.598	2159913	2087423	27.758	34.051	
33)	L7 AR-1260-3	0.000	6.751	0	1042786	N.D.	17.335	#
34)	L7 AR-1260-4	8.090f	7.224	1765197	202853	26.755	4.365	#
35)	L7 AR-1260-5	8.391f	7.463	342464	288473	2.616	2.595	
36)	L8 AR-1262-1	8.090	6.994	1765197	444762	22.339	6.263	#
37)	L8 AR-1262-2	8.391f	7.224	342464	202853	2.239	3.327	#
38)	L8 AR-1262-3	0.000	7.809f	0	459340	N.D.	8.783	#
39)	L8 AR-1262-4	0.000	7.809	0	459340	N.D.	4.969	#
40)	L8 AR-1262-5	0.000	8.270f	0	102288	N.D.	2.140	#
41)	L9 AR-1268-1	0.000	7.809f	0	459340	N.D.	3.165	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069871.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 00:21
Operator : YP\AJ
Sample : Q1383-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:37:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.809	0	459340	N.D.	3.458 #
44) L9	AR-1268-4	0.000	8.270f	0	102288	N.D.	1.964 #
45) L9	AR-1268-5	0.000	8.615	0	155969	N.D.	0.438 #

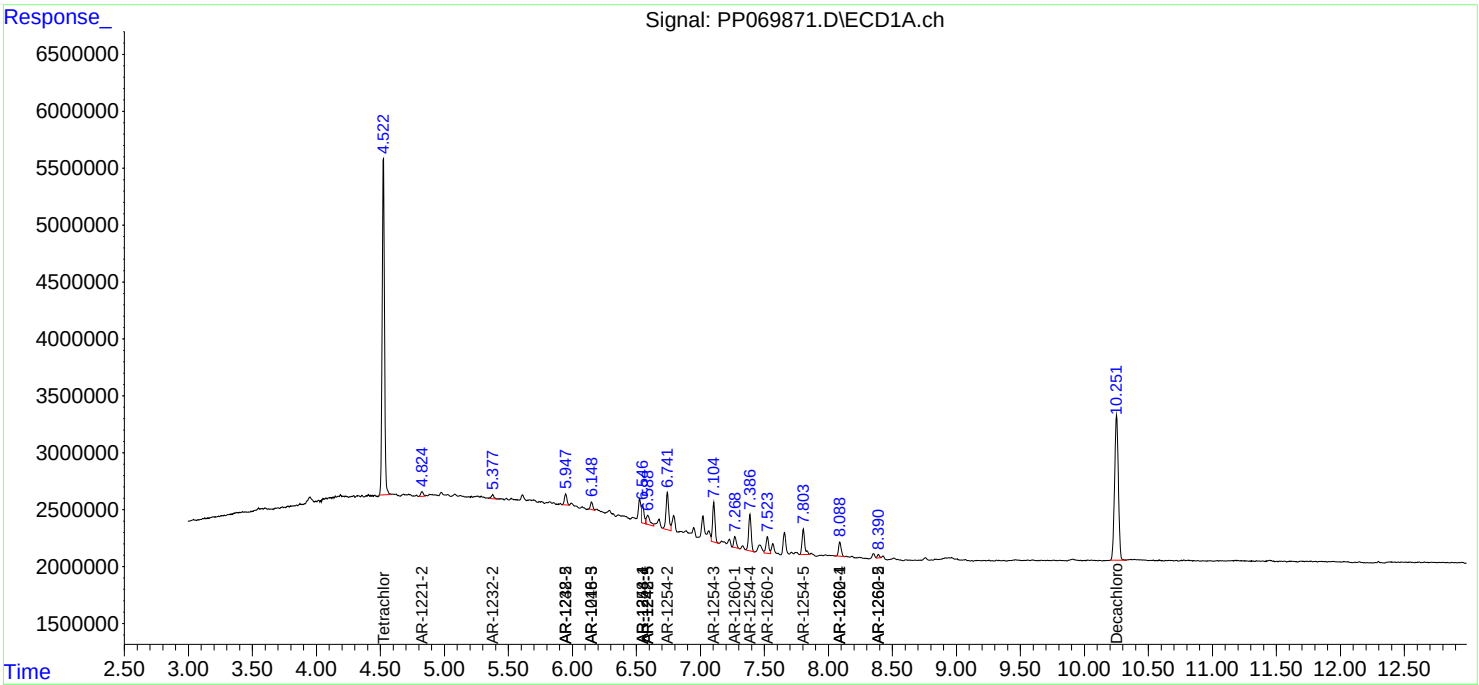
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

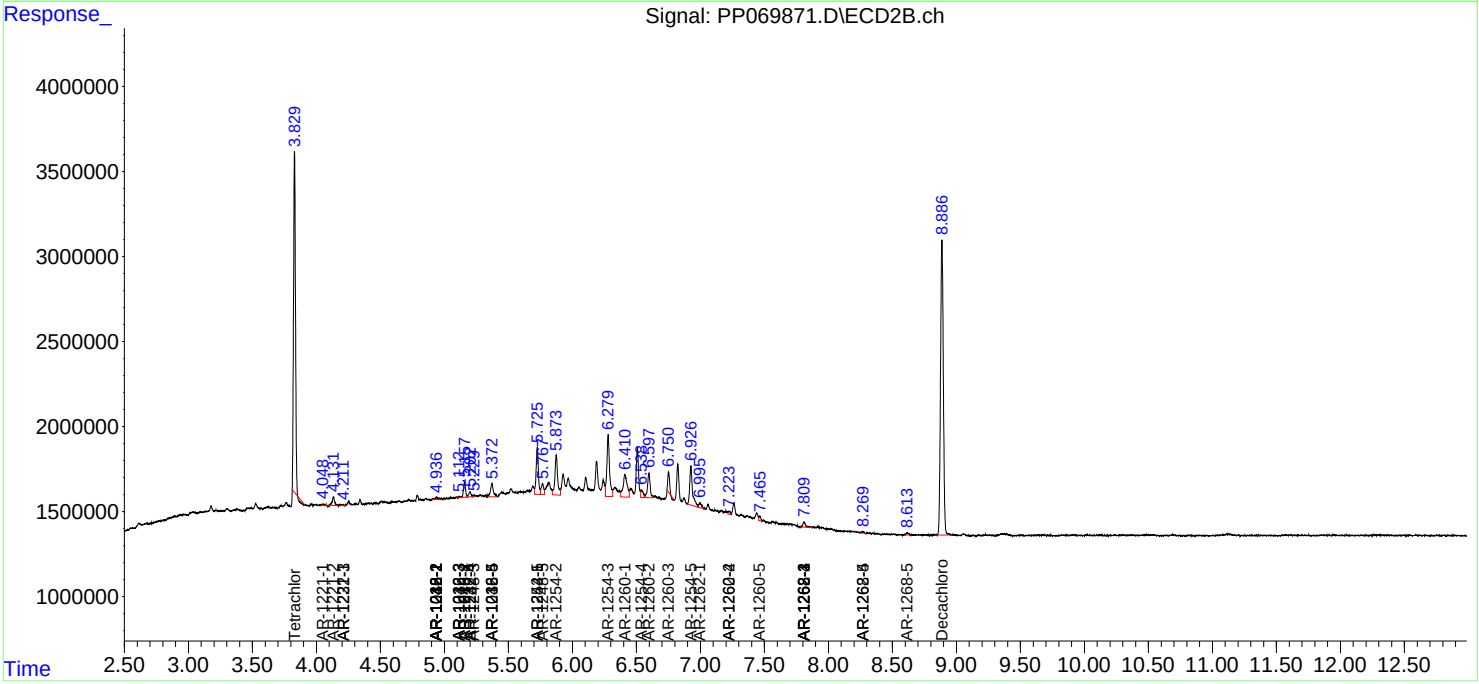
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069871.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 00:21
Operator : YP\AJ
Sample : Q1383-09
Misc :
ALS Vial : 36 Sample Multiplier: 1

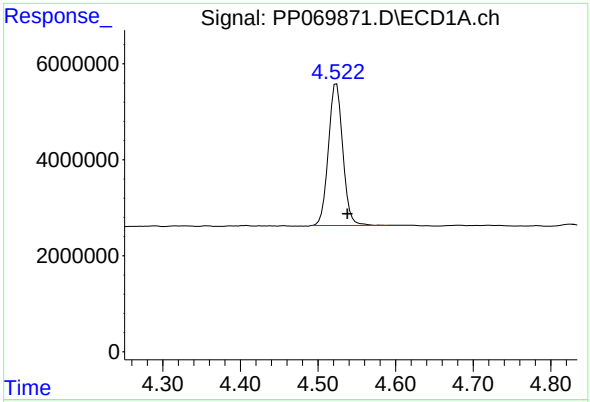
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:37:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



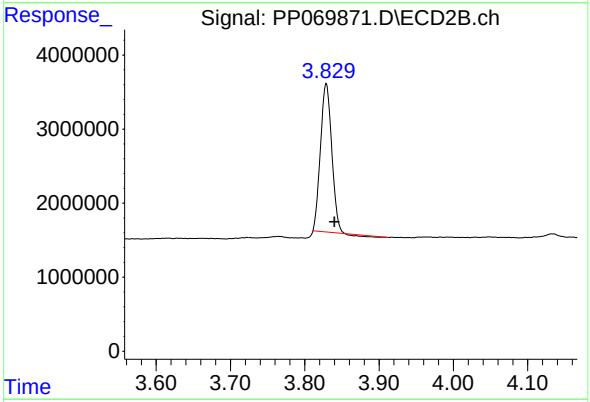




#1 Tetrachloro-m-xylene

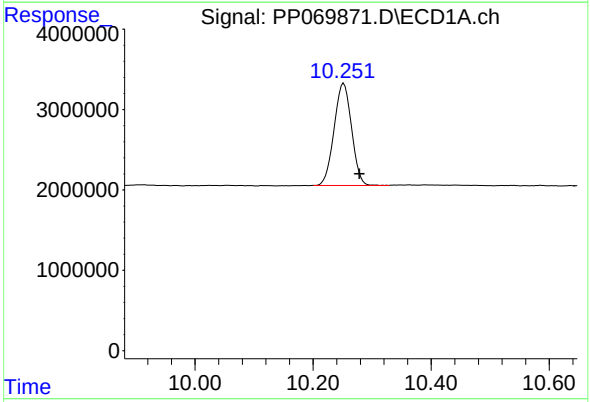
R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 38066491
Conc: 26.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



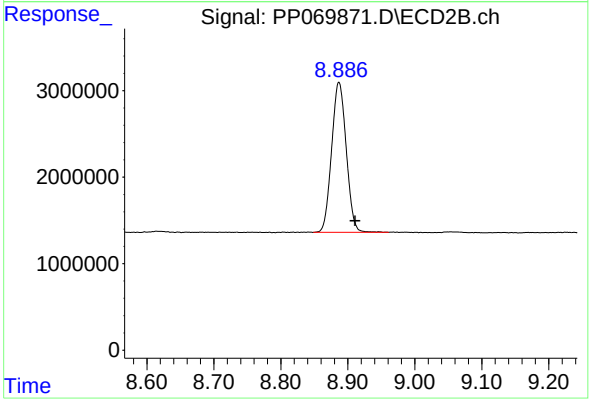
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 20774115
Conc: 23.28 ng/ml



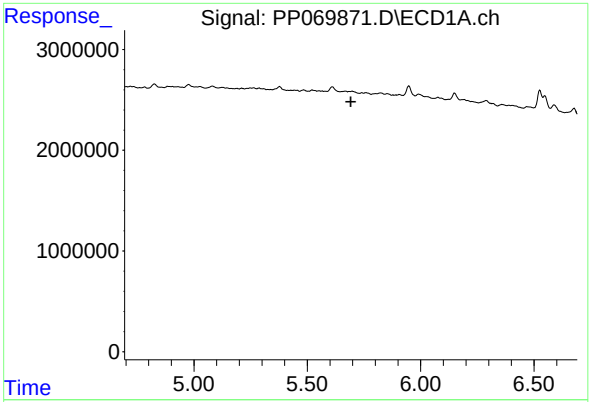
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 26084782
Conc: 23.87 ng/ml



#2 Decachlorobiphenyl

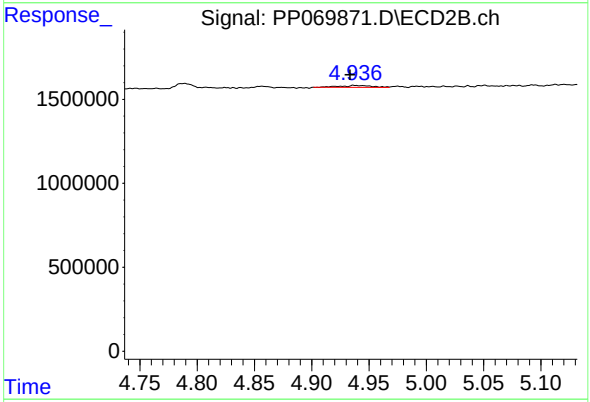
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26344483
Conc: 23.55 ng/ml



#3 AR-1016-1

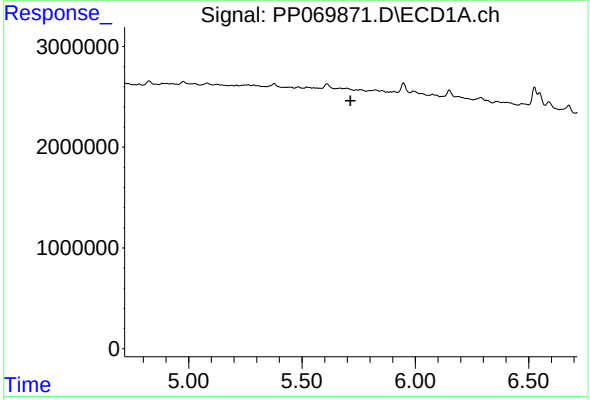
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



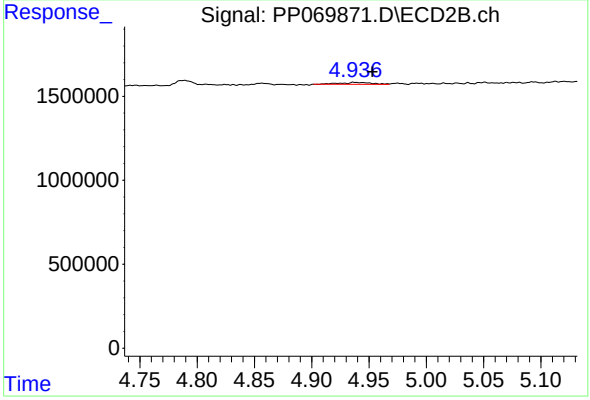
#3 AR-1016-1

R.T.: 4.937 min
Delta R.T.: 0.003 min
Response: 212229
Conc: 6.51 ng/ml



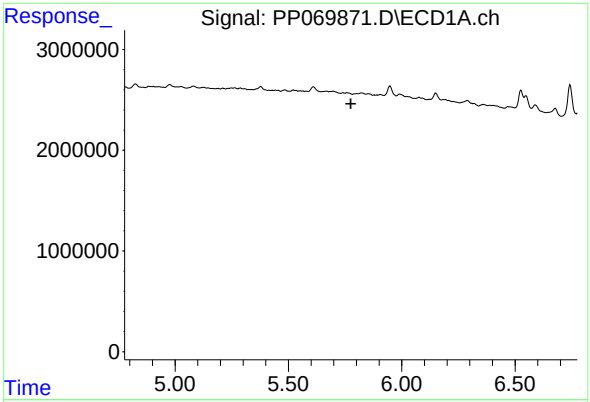
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

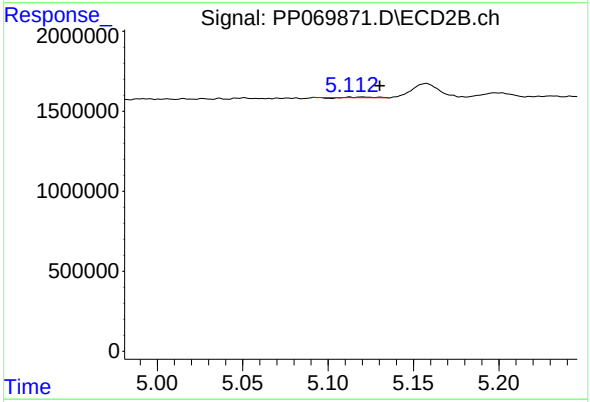
R.T.: 4.937 min
Delta R.T.: -0.016 min
Response: 212229
Conc: 4.72 ng/ml



#5 AR-1016-3

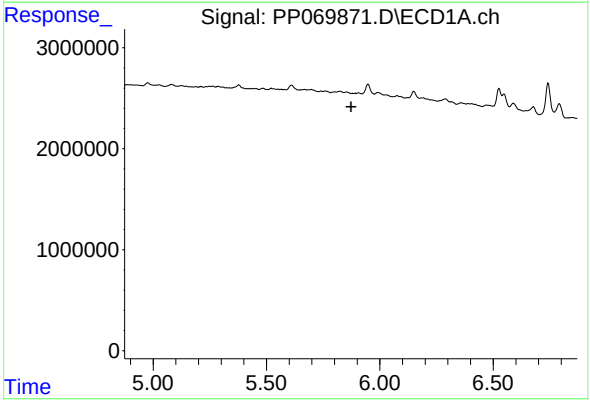
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



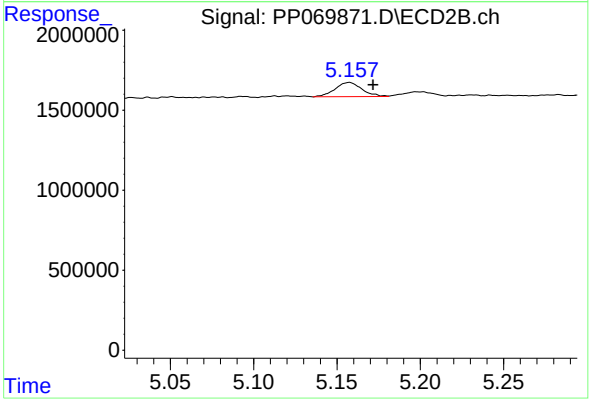
#5 AR-1016-3

R.T.: 5.113 min
Delta R.T.: -0.018 min
Response: 28927
Conc: 1.16 ng/ml



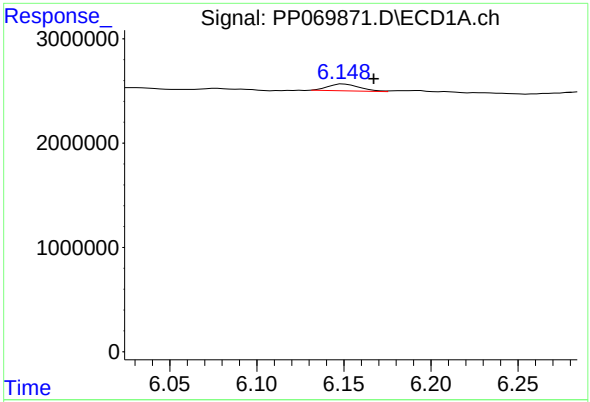
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

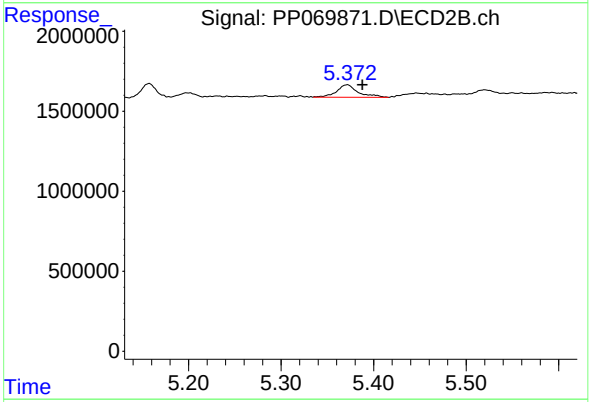
R.T.: 5.157 min
Delta R.T.: -0.014 min
Response: 999469
Conc: 49.49 ng/ml



#7 AR-1016-5

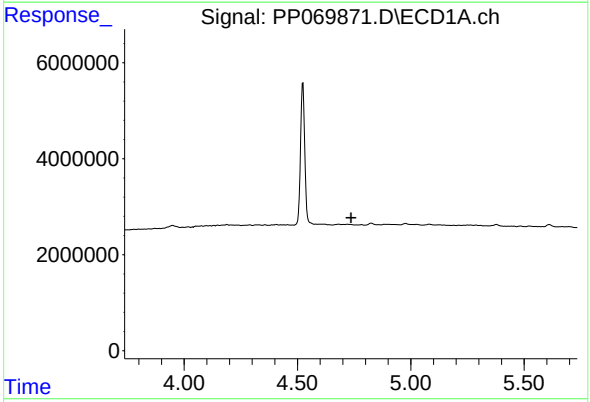
R.T.: 6.150 min
Delta R.T.: -0.017 min
Response: 830297
Conc: 25.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



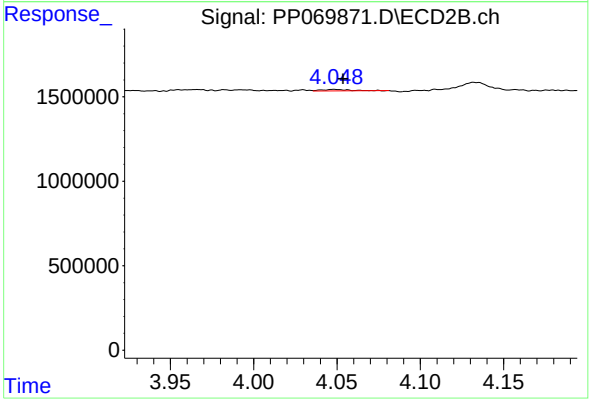
#7 AR-1016-5

R.T.: 5.371 min
Delta R.T.: -0.016 min
Response: 1260340
Conc: 46.99 ng/ml



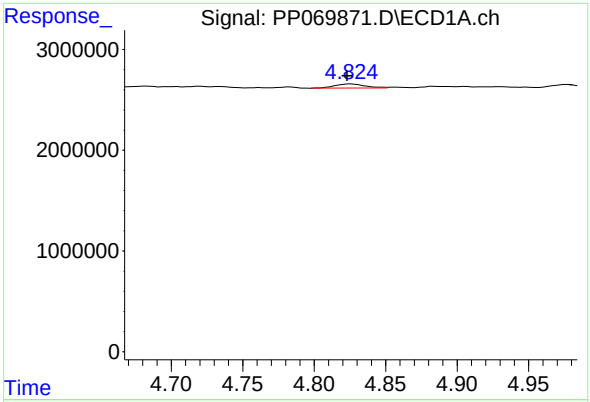
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

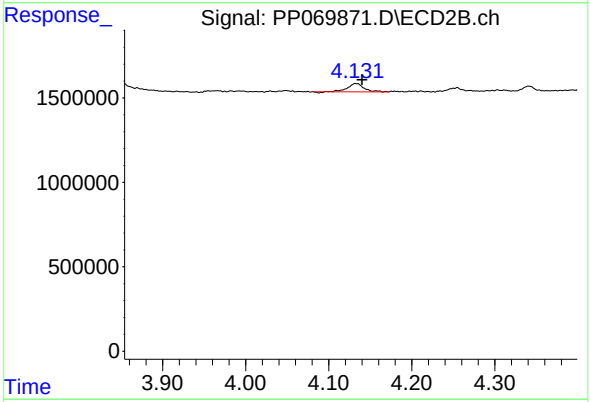
R.T.: 4.048 min
Delta R.T.: -0.005 min
Response: 44795
Conc: 3.64 ng/ml



#9 AR-1221-2

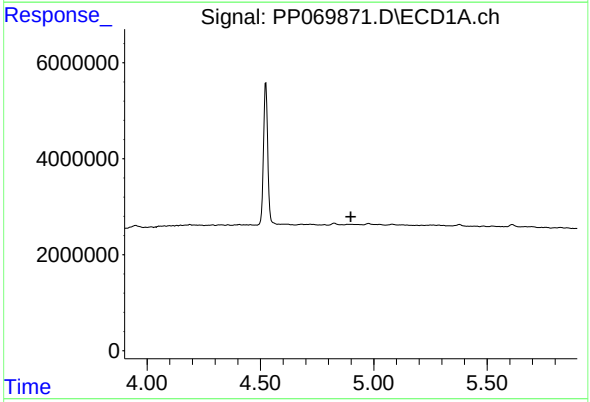
R.T.: 4.826 min
Delta R.T.: 0.003 min
Response: 608155
Conc: 44.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



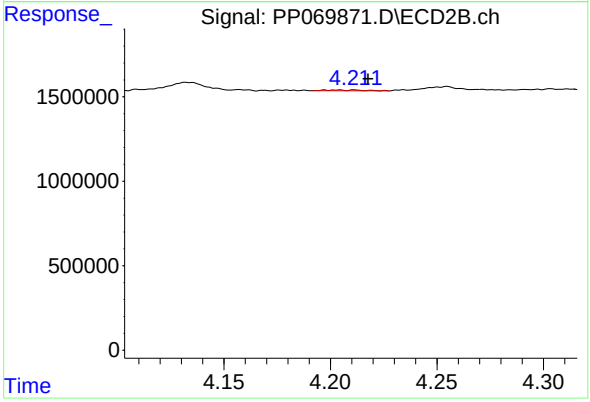
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 652171
Conc: 67.35 ng/ml



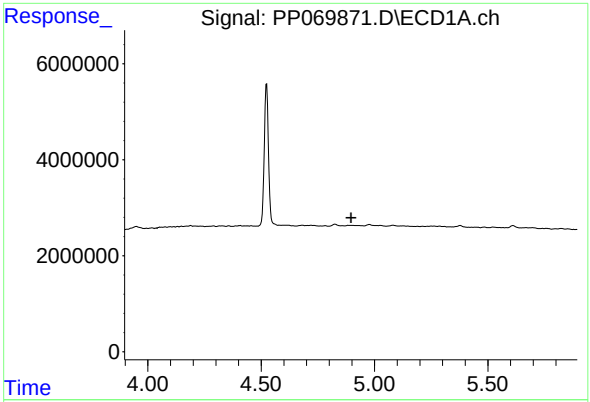
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

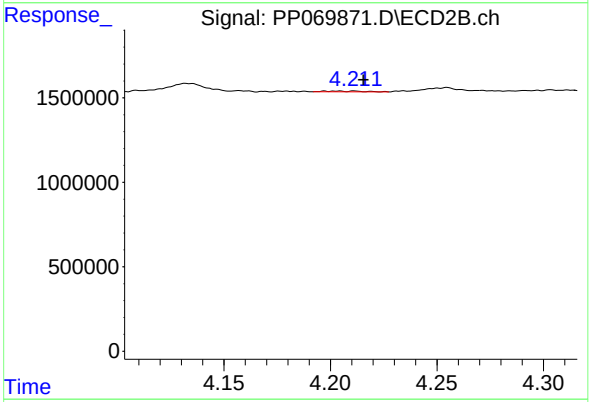
R.T.: 4.211 min
Delta R.T.: -0.006 min
Response: 59041
Conc: 2.02 ng/ml



#11 AR-1232-1

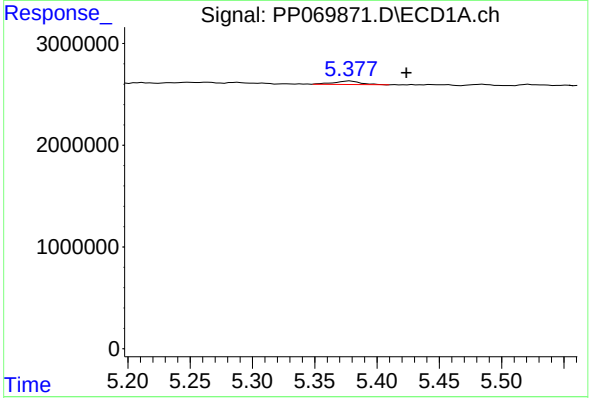
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



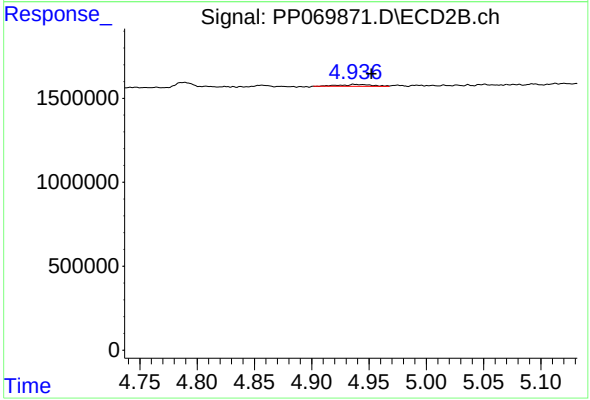
#11 AR-1232-1

R.T.: 4.211 min
Delta R.T.: -0.004 min
Response: 59041
Conc: 2.51 ng/ml



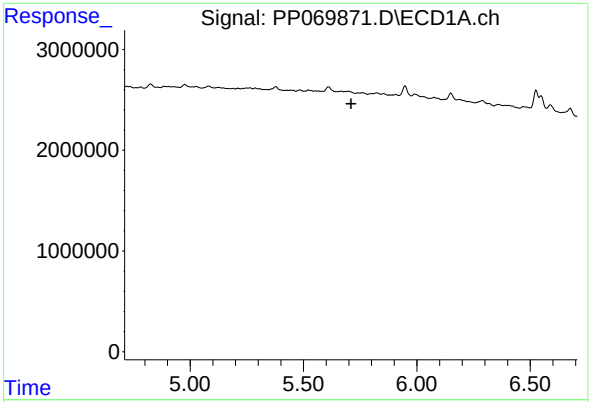
#12 AR-1232-2

R.T.: 5.379 min
Delta R.T.: -0.045 min
Response: 538329
Conc: 32.94 ng/ml



#12 AR-1232-2

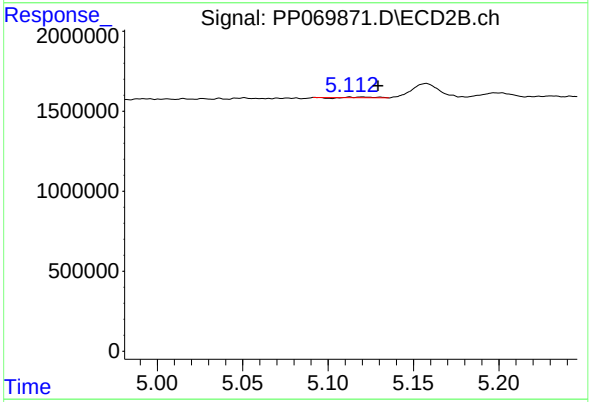
R.T.: 4.937 min
Delta R.T.: -0.015 min
Response: 212229
Conc: 9.00 ng/ml



#13 AR-1232-3

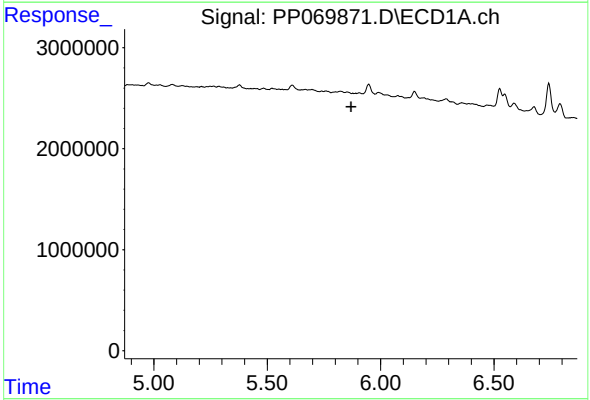
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



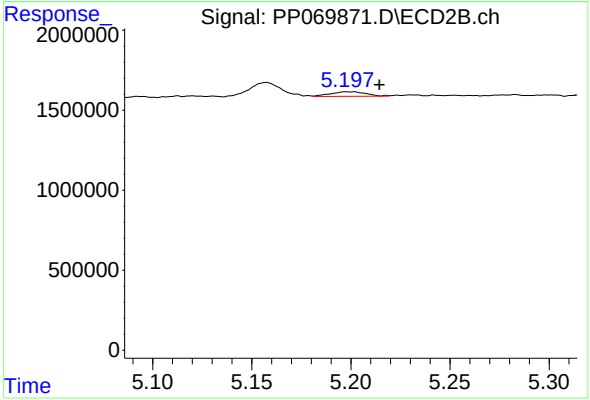
#13 AR-1232-3

R.T.: 5.113 min
Delta R.T.: -0.017 min
Response: 28927
Conc: 2.23 ng/ml



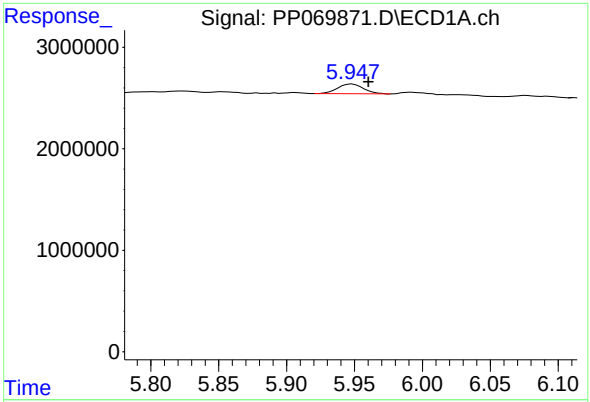
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

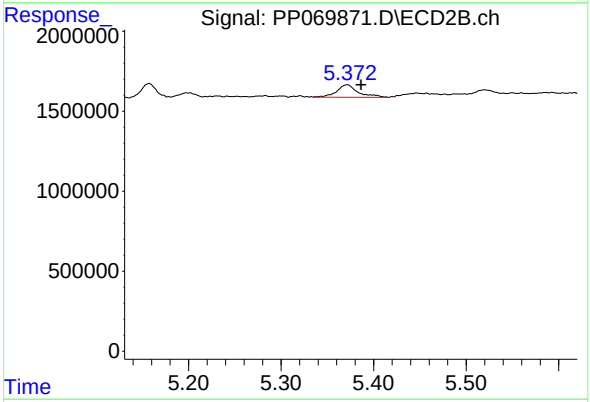
R.T.: 5.199 min
Delta R.T.: -0.016 min
Response: 359583
Conc: 32.43 ng/ml



#15 AR-1232-5

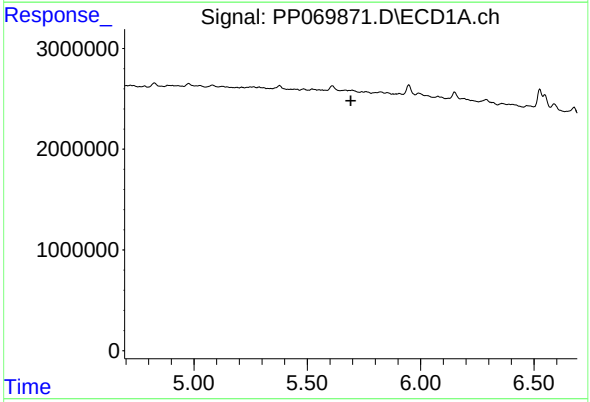
R.T.: 5.948 min
Delta R.T.: -0.012 min
Response: 1281029
Conc: 111.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



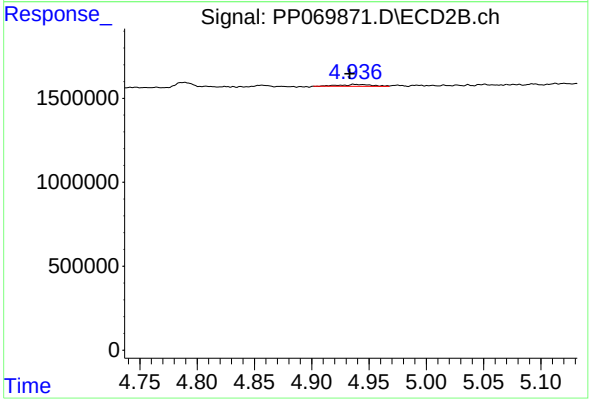
#15 AR-1232-5

R.T.: 5.371 min
Delta R.T.: -0.015 min
Response: 1260340
Conc: 103.22 ng/ml



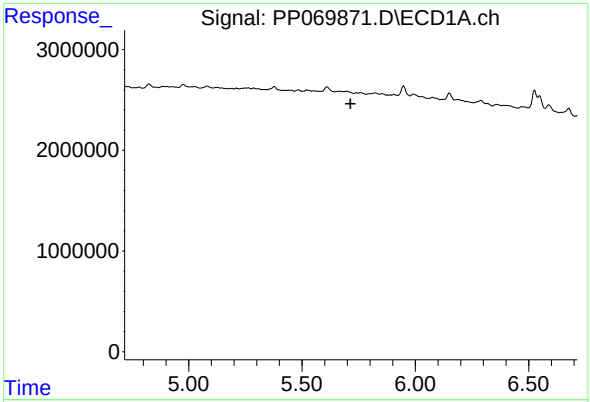
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

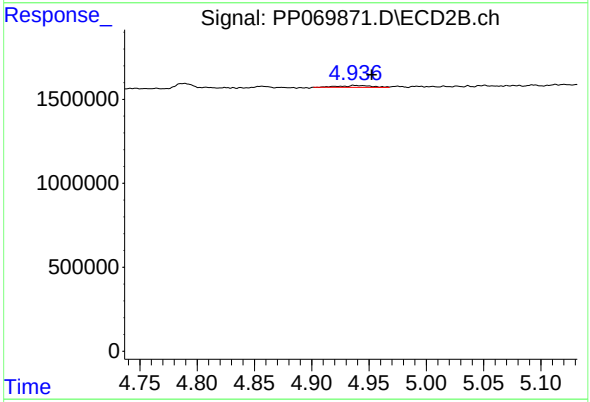
R.T.: 4.937 min
Delta R.T.: 0.004 min
Response: 212229
Conc: 7.36 ng/ml



#17 AR-1242-2

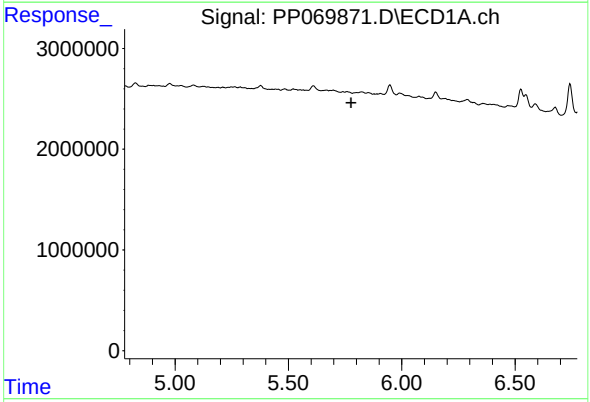
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



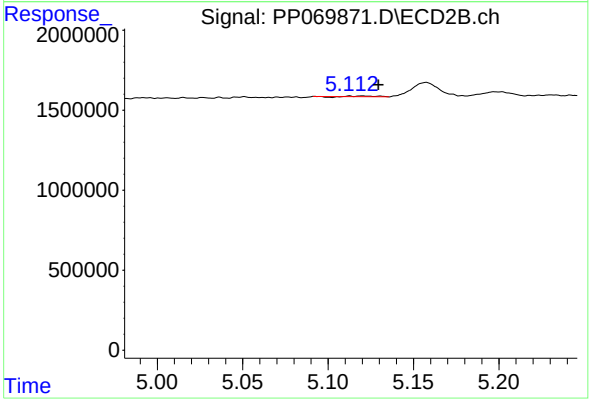
#17 AR-1242-2

R.T.: 4.937 min
Delta R.T.: -0.015 min
Response: 212229
Conc: 5.39 ng/ml



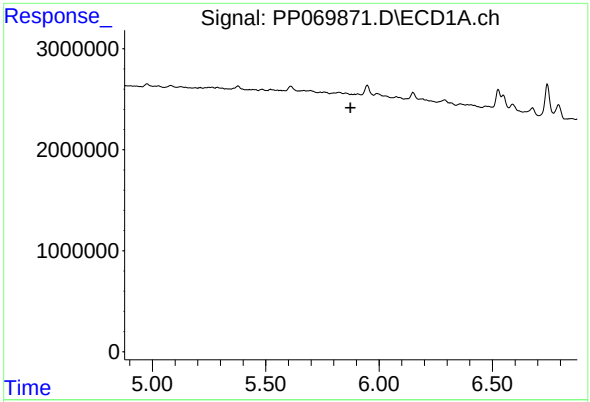
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

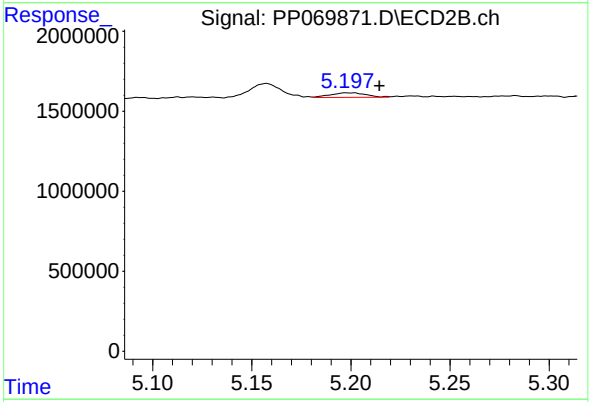
R.T.: 5.113 min
Delta R.T.: -0.017 min
Response: 28927
Conc: 1.29 ng/ml



#19 AR-1242-4

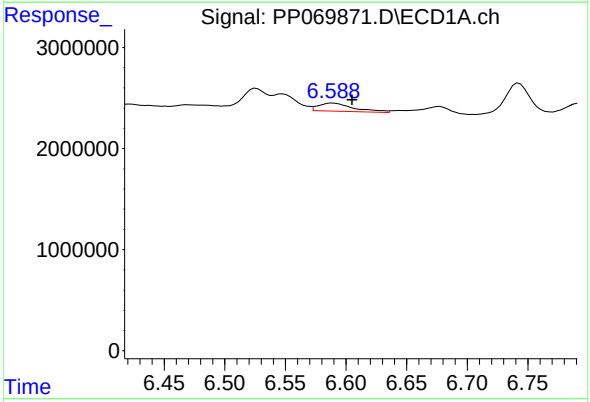
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



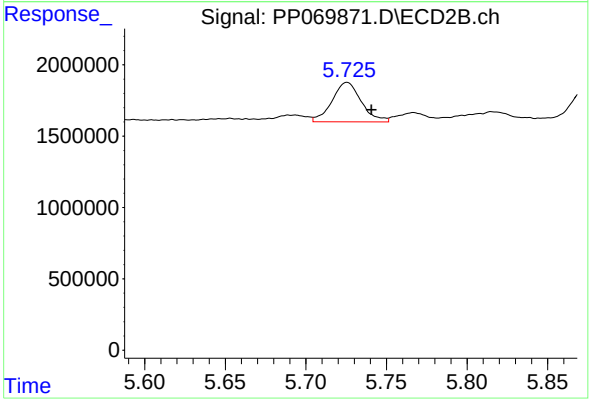
#19 AR-1242-4

R.T.: 5.199 min
Delta R.T.: -0.016 min
Response: 359583
Conc: 16.66 ng/ml



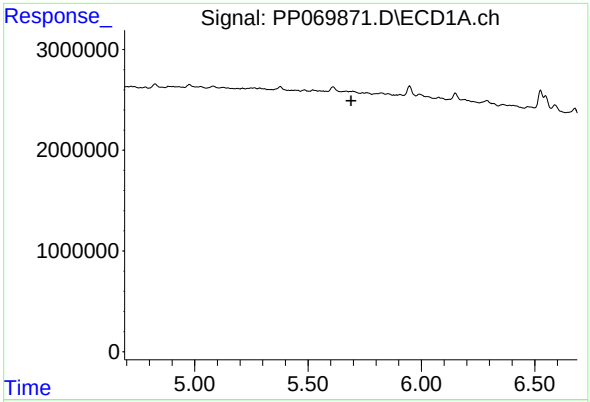
#20 AR-1242-5

R.T.: 6.589 min
Delta R.T.: -0.016 min
Response: 1655787
Conc: 50.82 ng/ml



#20 AR-1242-5

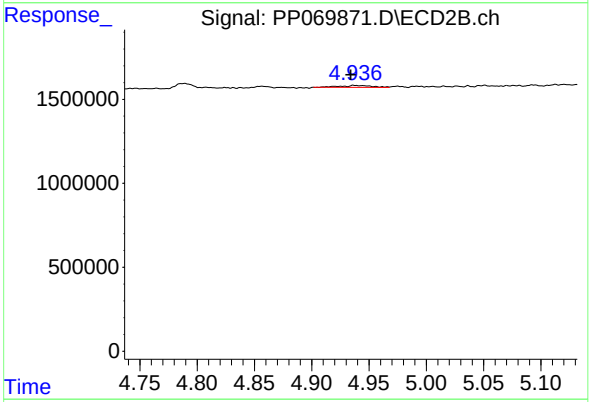
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 3488659
Conc: 121.27 ng/ml



#21 AR-1248-1

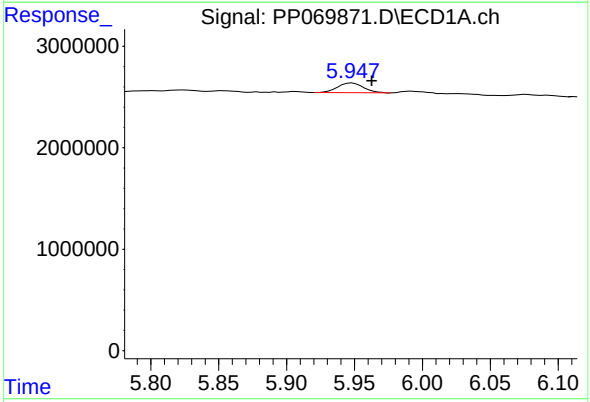
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



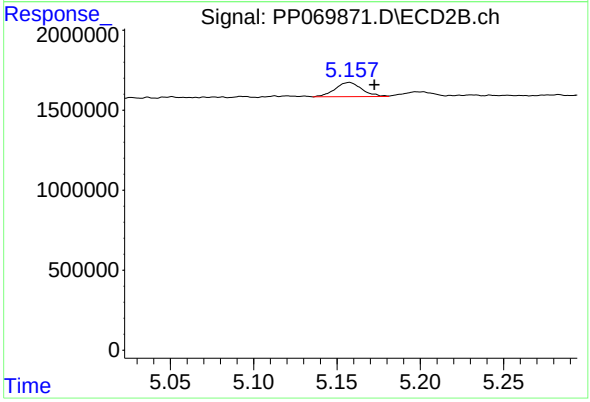
#21 AR-1248-1

R.T.: 4.937 min
Delta R.T.: 0.003 min
Response: 212229
Conc: 9.64 ng/ml



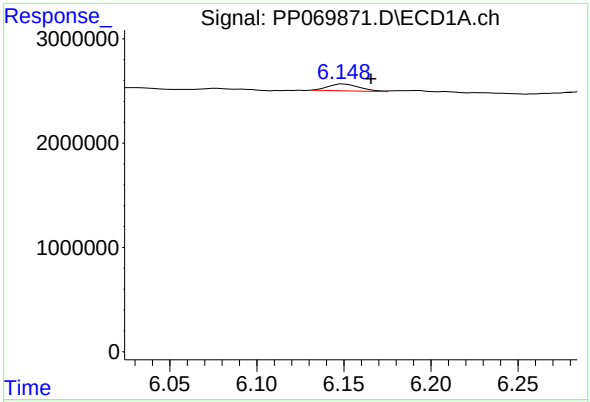
#22 AR-1248-2

R.T.: 5.948 min
Delta R.T.: -0.015 min
Response: 1281029
Conc: 30.18 ng/ml



#22 AR-1248-2

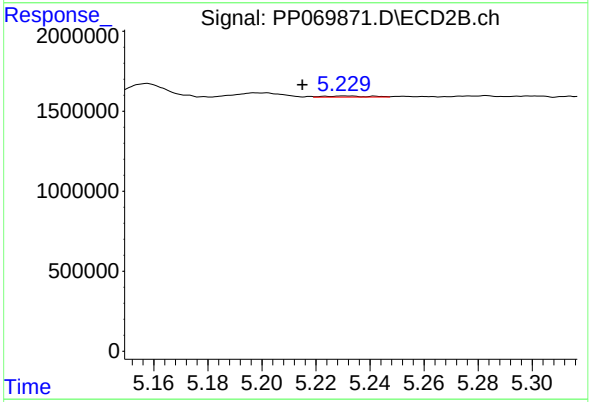
R.T.: 5.157 min
Delta R.T.: -0.015 min
Response: 999469
Conc: 33.24 ng/ml



#23 AR-1248-3

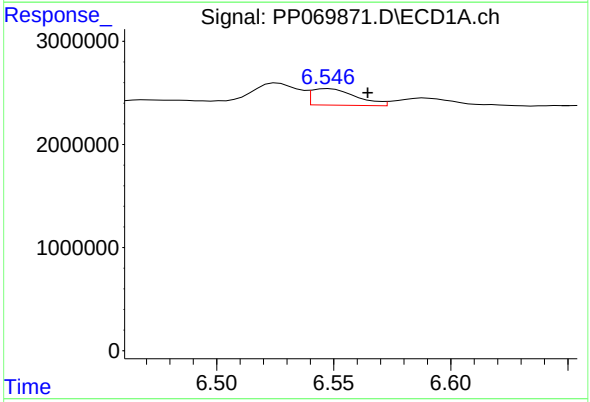
R.T.: 6.150 min
Delta R.T.: -0.016 min
Response: 830297
Conc: 17.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



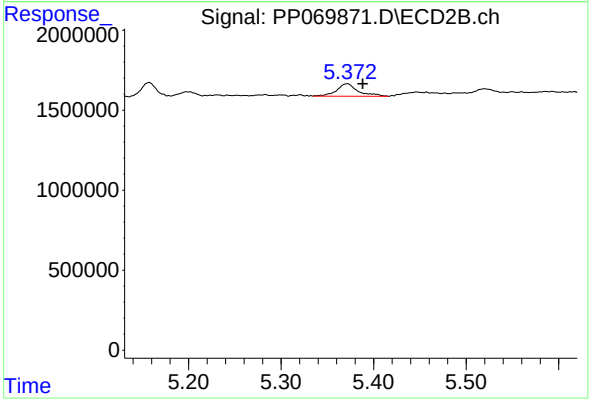
#23 AR-1248-3

R.T.: 5.231 min
Delta R.T.: 0.015 min
Response: 77764
Conc: 2.51 ng/ml



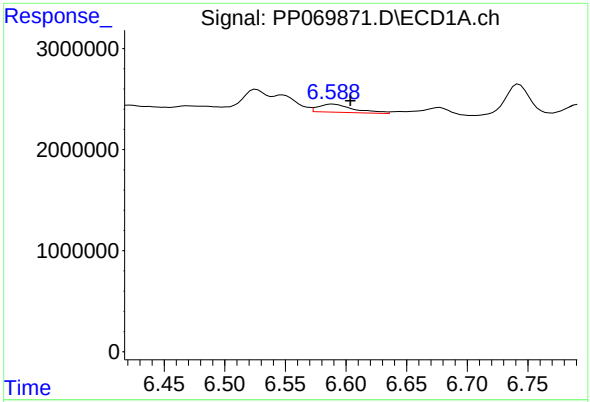
#24 AR-1248-4

R.T.: 6.548 min
Delta R.T.: -0.017 min
Response: 2122767
Conc: 38.51 ng/ml



#24 AR-1248-4

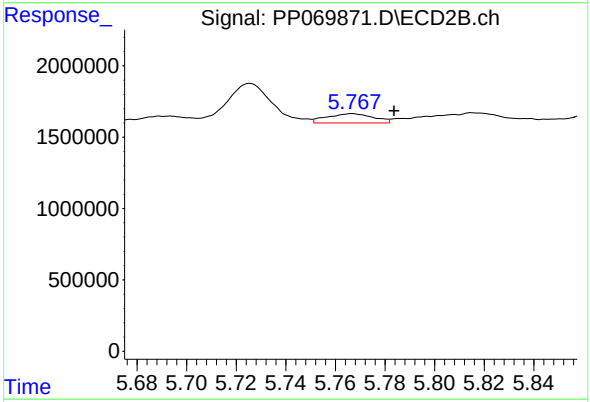
R.T.: 5.371 min
Delta R.T.: -0.017 min
Response: 1260340
Conc: 34.12 ng/ml



#25 AR-1248-5

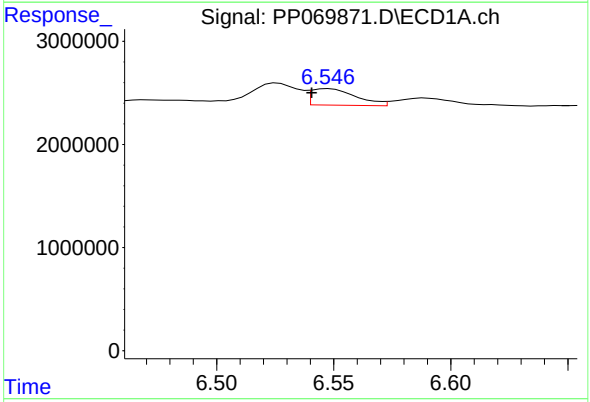
R.T.: 6.589 min
Delta R.T.: -0.015 min
Response: 1655787
Conc: 31.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



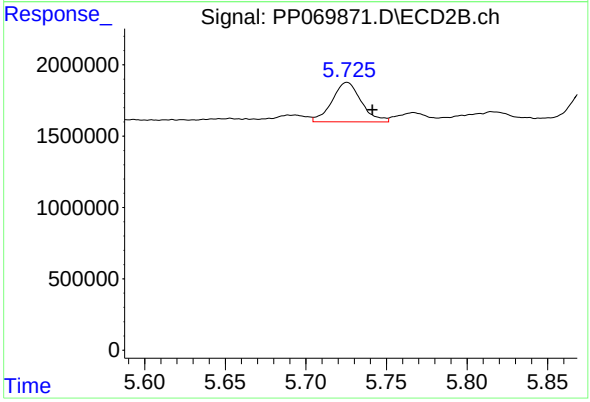
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.017 min
Response: 845041
Conc: 22.60 ng/ml



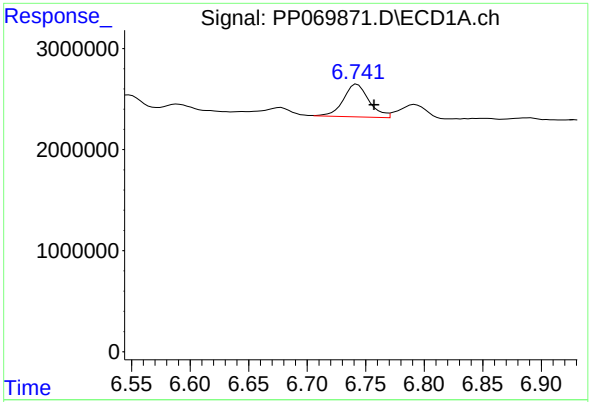
#26 AR-1254-1

R.T.: 6.548 min
Delta R.T.: 0.007 min
Response: 2122767
Conc: 36.69 ng/ml



#26 AR-1254-1

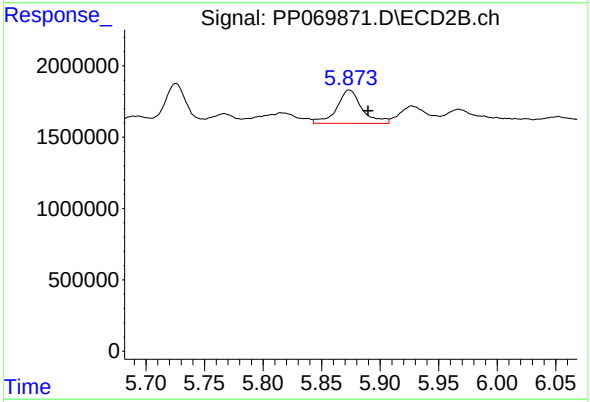
R.T.: 5.726 min
Delta R.T.: -0.016 min
Response: 3488659
Conc: 63.37 ng/ml



#27 AR-1254-2

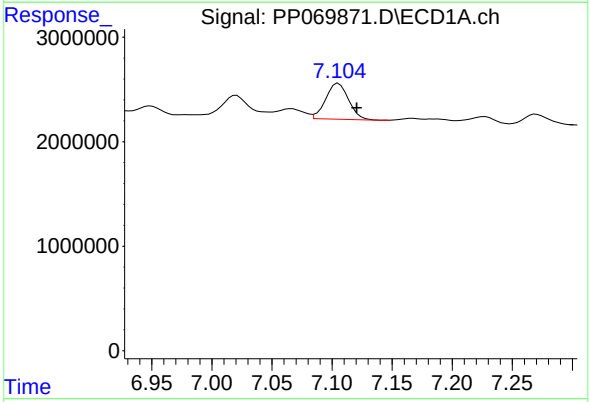
R.T.: 6.743 min
Delta R.T.: -0.015 min
Response: 4920553
Conc: 61.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



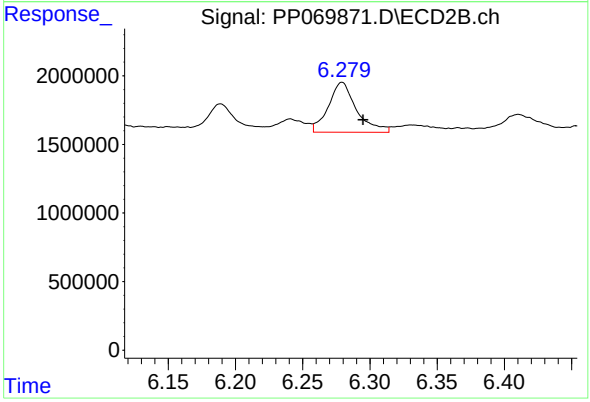
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 3501614
Conc: 72.39 ng/ml



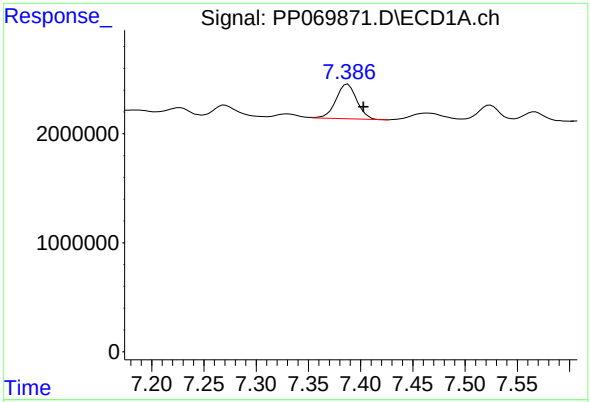
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 4571916
Conc: 54.24 ng/ml



#28 AR-1254-3

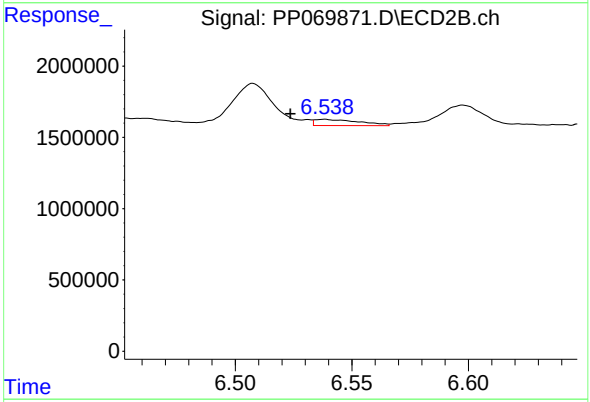
R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 5283049
Conc: 69.61 ng/ml



#29 AR-1254-4

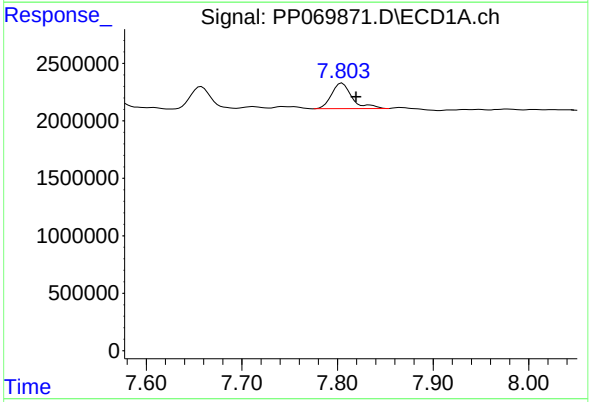
R.T.: 7.388 min
Delta R.T.: -0.015 min
Response: 4399277
Conc: 64.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



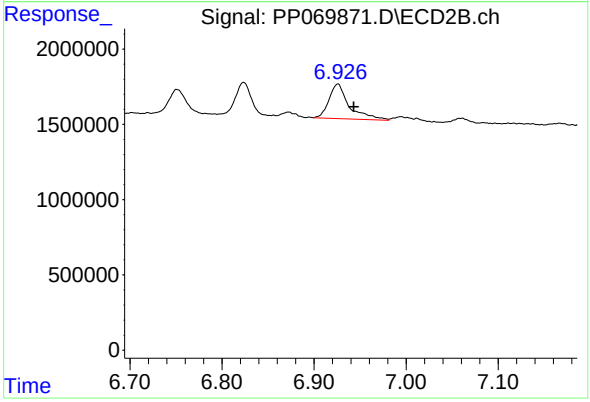
#29 AR-1254-4

R.T.: 6.538 min
Delta R.T.: 0.014 min
Response: 581236
Conc: 11.34 ng/ml



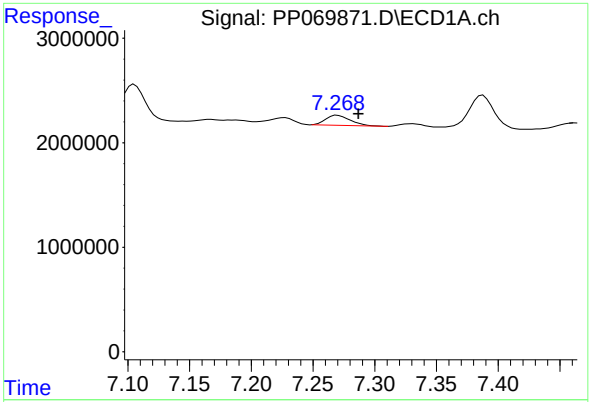
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.015 min
Response: 3323579
Conc: 48.84 ng/ml



#30 AR-1254-5

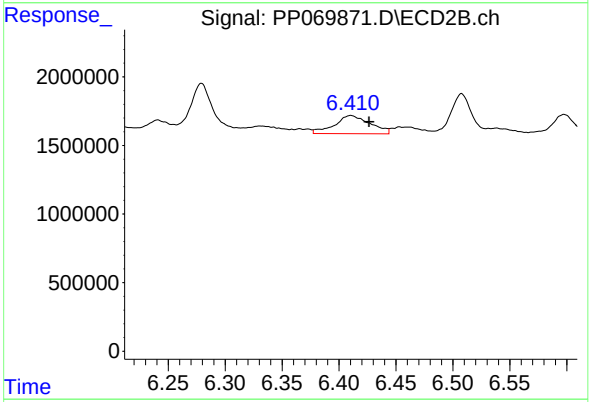
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 3511924
Conc: 52.76 ng/ml



#31 AR-1260-1

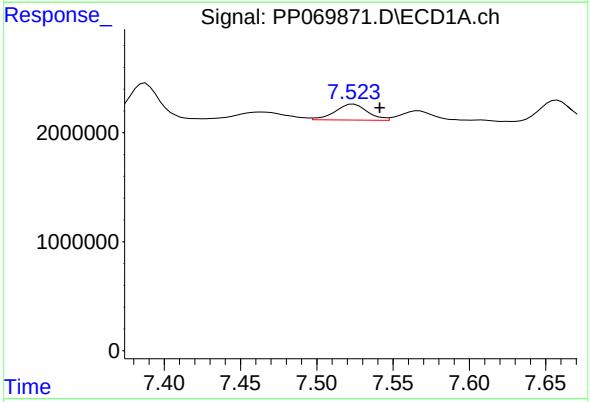
R.T.: 7.270 min
Delta R.T.: -0.017 min
Response: 1338008
Conc: 22.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



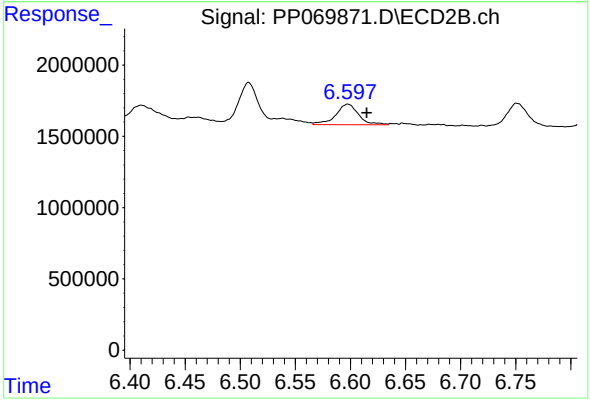
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.016 min
Response: 2890562
Conc: 59.93 ng/ml



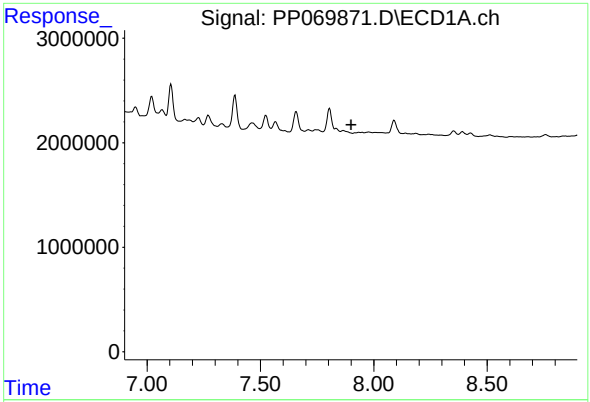
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: -0.017 min
Response: 2159913
Conc: 27.76 ng/ml



#32 AR-1260-2

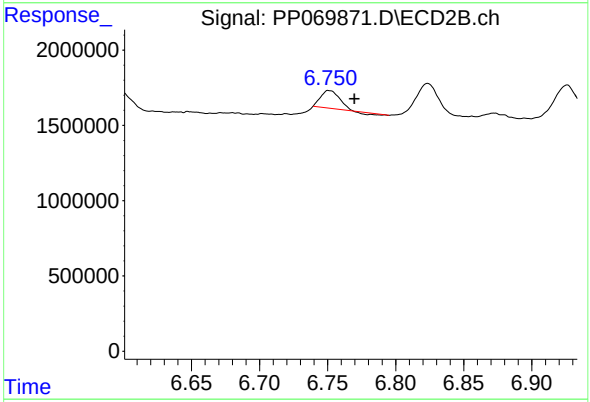
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 2087423
Conc: 34.05 ng/ml



#33 AR-1260-3

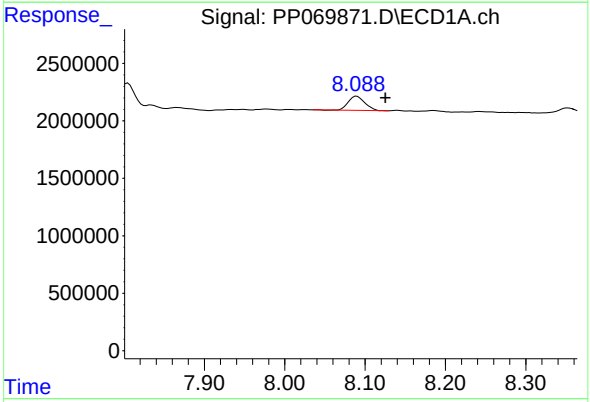
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



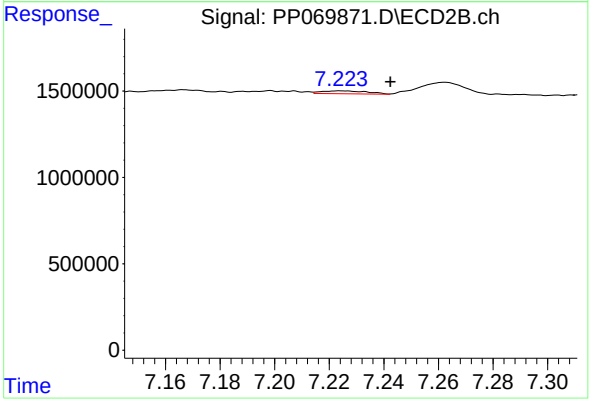
#33 AR-1260-3

R.T.: 6.751 min
Delta R.T.: -0.019 min
Response: 1042786
Conc: 17.33 ng/ml



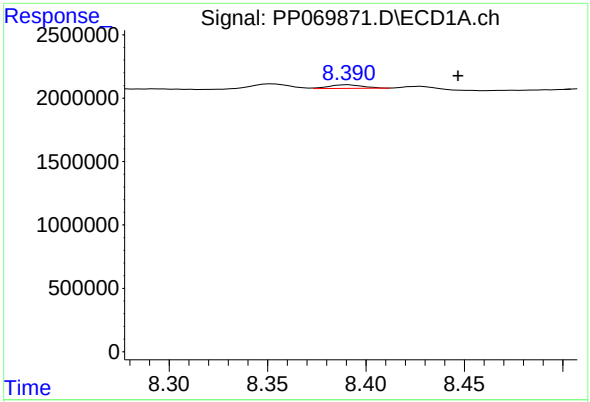
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.036 min
Response: 1765197
Conc: 26.75 ng/ml



#34 AR-1260-4

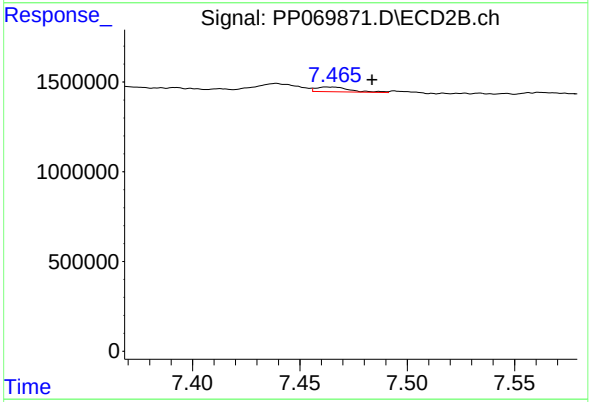
R.T.: 7.224 min
Delta R.T.: -0.018 min
Response: 202853
Conc: 4.37 ng/ml



#35 AR-1260-5

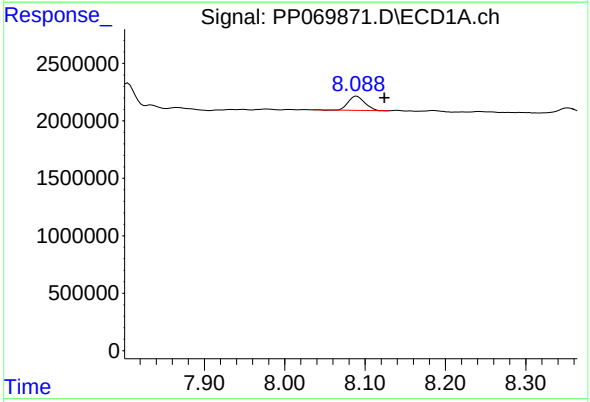
R.T.: 8.391 min
Delta R.T.: -0.056 min
Response: 342464
Conc: 2.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



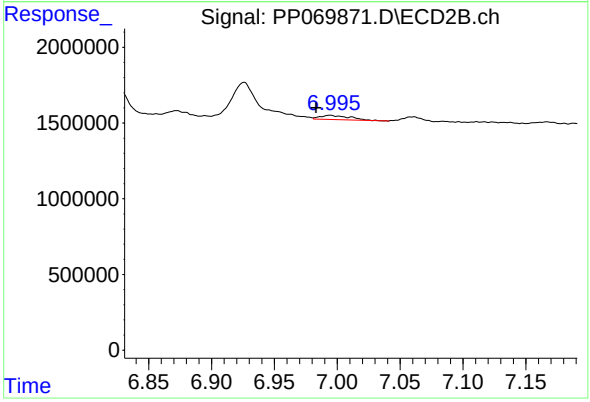
#35 AR-1260-5

R.T.: 7.463 min
Delta R.T.: -0.020 min
Response: 288473
Conc: 2.60 ng/ml



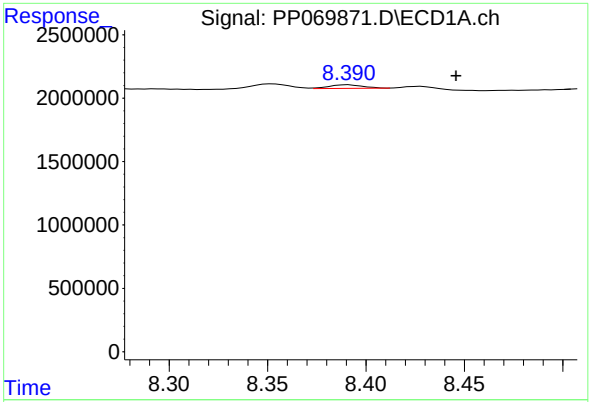
#36 AR-1262-1

R.T.: 8.090 min
Delta R.T.: -0.034 min
Response: 1765197
Conc: 22.34 ng/ml



#36 AR-1262-1

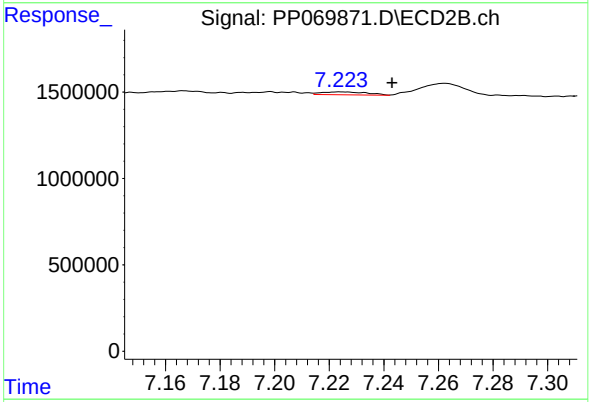
R.T.: 6.994 min
Delta R.T.: 0.011 min
Response: 444762
Conc: 6.26 ng/ml



#37 AR-1262-2

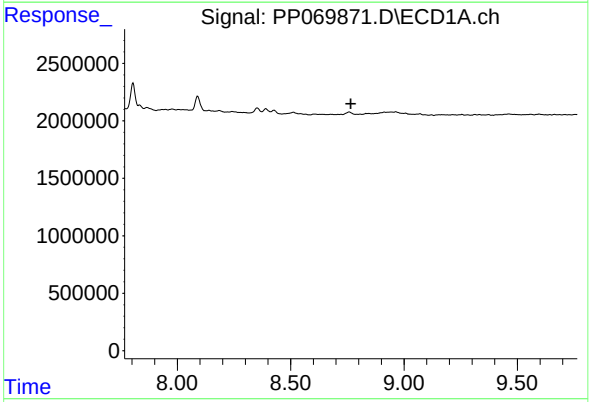
R.T.: 8.391 min
Delta R.T.: -0.055 min
Response: 342464
Conc: 2.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



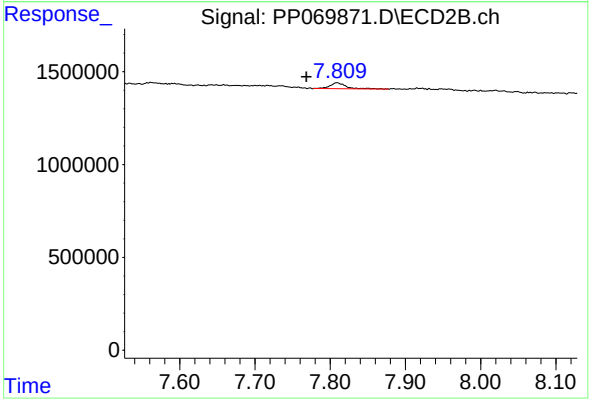
#37 AR-1262-2

R.T.: 7.224 min
Delta R.T.: -0.019 min
Response: 202853
Conc: 3.33 ng/ml



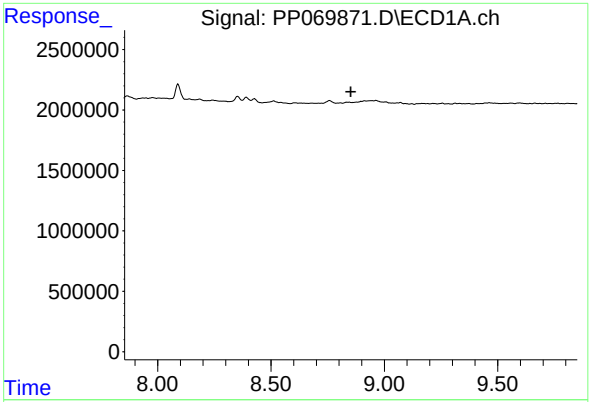
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

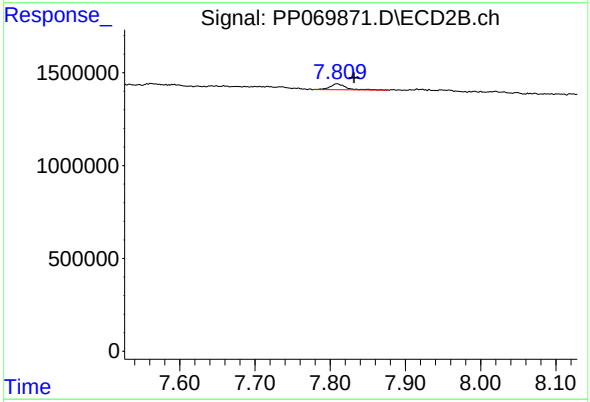
R.T.: 7.809 min
Delta R.T.: 0.041 min
Response: 459340
Conc: 8.78 ng/ml



#39 AR-1262-4

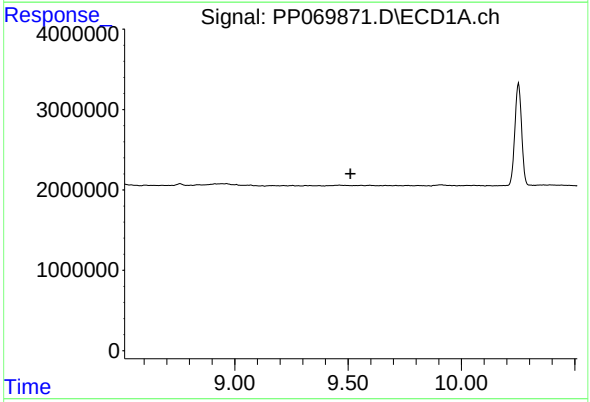
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



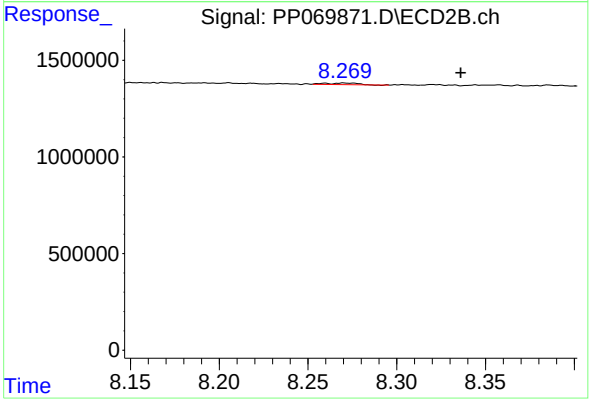
#39 AR-1262-4

R.T.: 7.809 min
Delta R.T.: -0.023 min
Response: 459340
Conc: 4.97 ng/ml



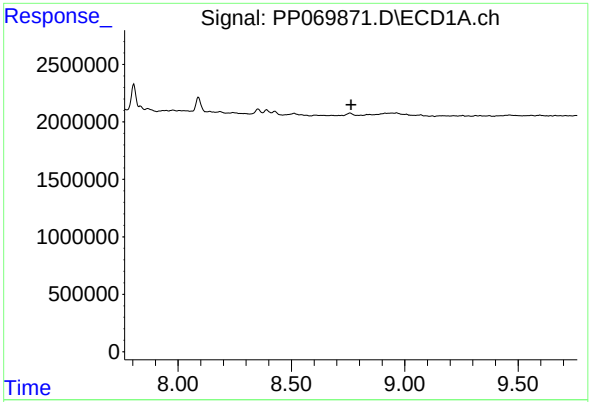
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

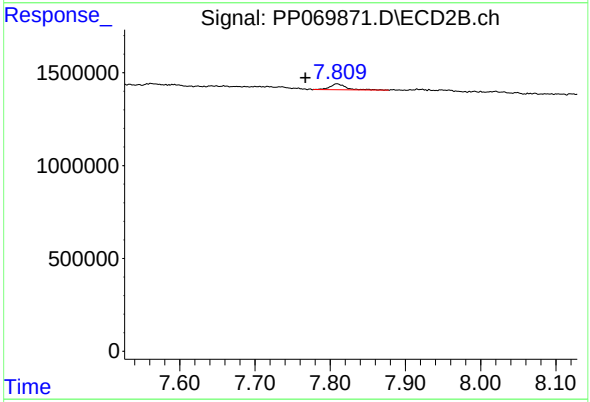
R.T.: 8.270 min
Delta R.T.: -0.066 min
Response: 102288
Conc: 2.14 ng/ml



#41 AR-1268-1

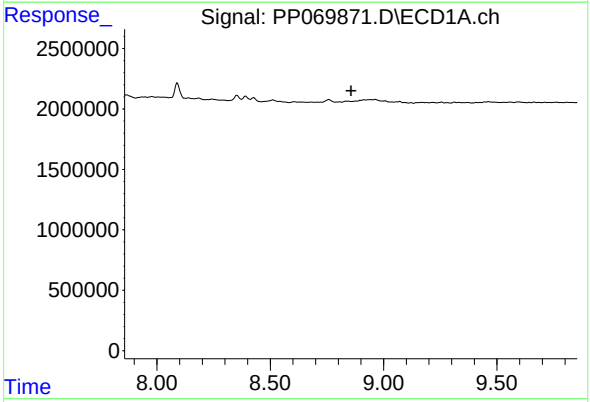
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



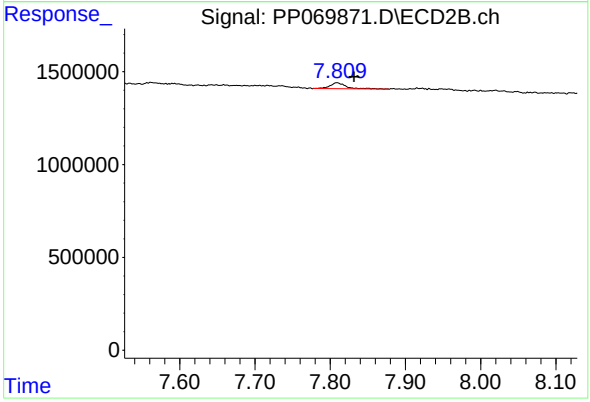
#41 AR-1268-1

R.T.: 7.809 min
Delta R.T.: 0.042 min
Response: 459340
Conc: 3.17 ng/ml



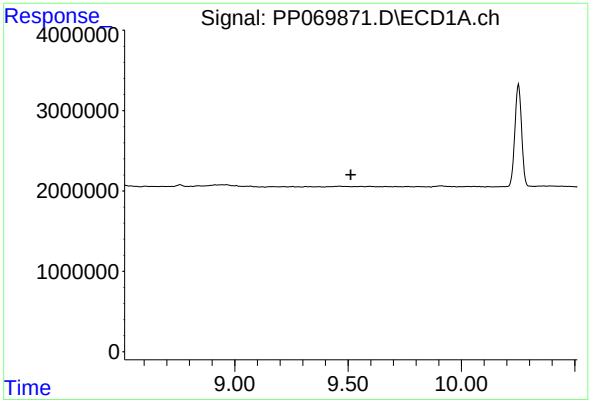
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

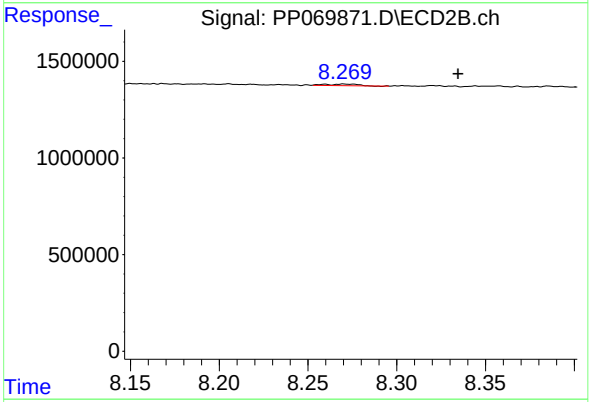
R.T.: 7.809 min
Delta R.T.: -0.023 min
Response: 459340
Conc: 3.46 ng/ml



#44 AR-1268-4

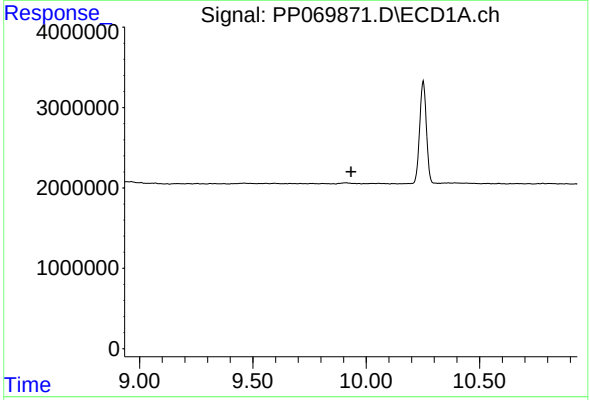
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725



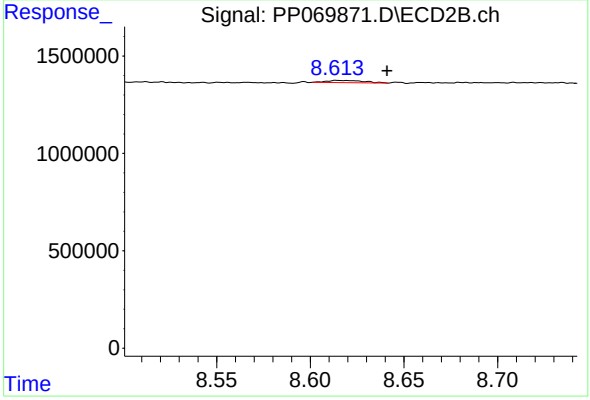
#44 AR-1268-4

R.T.: 8.270 min
Delta R.T.: -0.064 min
Response: 102288
Conc: 1.96 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.615 min
Delta R.T.: -0.026 min
Response: 155969
Conc: 0.44 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 01:26
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:37:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.830	74113207	42122449	51.774	47.194	
2)	SA Decachlor...	10.254	8.889	56340029	55854656	51.551	49.938	
	Target Compounds							
3)	L1 AR-1016-1	5.701	4.940	34827716	21202001	751.683	650.068	
4)	L1 AR-1016-2	5.701	4.940	34827716	21202001	513.099	471.591	
5)	L1 AR-1016-3	5.763	5.117	21367432	11973227	501.623	481.162	
6)	L1 AR-1016-4	5.860	5.159	17853174	9013444	510.084	446.292	
7)	L1 AR-1016-5	6.153	5.374	15417585	14970234	466.372	558.093	
8)	L2 AR-1221-1	4.722	4.040	2449794	1637348	128.804	132.923	
9)	L2 AR-1221-2	4.814	4.129	3633095	2654521	265.335	274.132	
10)	L2 AR-1221-3	4.888	4.205	12901080	8965359	307.583	307.305	
11)	L3 AR-1232-1	4.888	4.205	12901080	8965359	387.494	381.838	
12)	L3 AR-1232-2	5.414	4.940	16643552	21202001	1018.452	899.466	
13)	L3 AR-1232-3	5.701	5.117	34827716	11973227	1013.643	924.770	
14)	L3 AR-1232-4	5.860	5.201	17853174	11438511	1002.075	1031.769	
15)	L3 AR-1232-5	5.951	5.374	14990948	14970234	1307.835	1226.031	
16)	L4 AR-1242-1	5.701	4.940	34827716	21202001	835.091	735.363	
17)	L4 AR-1242-2	5.701	4.940	34827716	21202001	590.391	538.153	
18)	L4 AR-1242-3	5.763	5.117	21367432	11973227	575.963	532.047	
19)	L4 AR-1242-4	5.860	5.201	17853174	11438511	544.393	529.996	
20)	L4 AR-1242-5	6.592	5.727	8536071	13552930	261.969	471.105	#
21)	L5 AR-1248-1	5.679	4.940	23873091	21202001	735.937	963.265	#
22)	L5 AR-1248-2	5.951	5.159	14990948	9013444	353.174	299.803	
23)	L5 AR-1248-3	6.153	5.201	15417585	11438511	328.123	369.171	
24)	L5 AR-1248-4	6.551	5.374	6677305	14970234	121.138	405.218	#
25)	L5 AR-1248-5	6.592	5.768	8536071	3954271	159.900	105.759	#
26)	L6 AR-1254-1	6.551	5.727	6677305	13552930	115.397	246.167	#
27)	L6 AR-1254-2	6.745	5.876	16236137	10673006	202.340	220.659	
28)	L6 AR-1254-3	7.108	6.297	9844856	25831293	116.800	340.351	#
29)	L6 AR-1254-4	7.391	6.509	8319122	3401829	122.003	66.378	#
30)	L6 AR-1254-5	7.806	6.927	47180425	32089305	693.359	482.108	#
31)	L7 AR-1260-1	7.272	6.411	30523109	26193979	522.332	543.111	
32)	L7 AR-1260-2	7.527	6.599	38638235	33309928	496.553	543.359	
33)	L7 AR-1260-3	7.885	6.754	31985389	21268352	511.609	353.551	#
34)	L7 AR-1260-4	8.109	7.226	32253570	23911137	488.863	514.575	
35)	L7 AR-1260-5	8.431	7.466	65095190	59716390	497.191	537.283	
36)	L8 AR-1262-1	8.109	6.967	32253570	28695860	408.179	404.092	
37)	L8 AR-1262-2	8.431	7.226	65095190	23911137	425.672	392.118	
38)	L8 AR-1262-3	8.754	7.750	41368475	15538881	389.241	297.115	
39)	L8 AR-1262-4	8.821	7.813	26818302	43254384	327.880	467.936	#
40)	L8 AR-1262-5	9.491	8.317	19593993	18030020	346.121	377.258	
41)	L9 AR-1268-1	8.754	7.750	41368475	15538881	234.278	107.075	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 01:26
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:37:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.821f	7.813	26818302	43254384	170.414	325.673 #
43) L9	AR-1268-3	9.071	8.022	924148	827443	6.911	7.275
44) L9	AR-1268-4	9.491	8.317	19593993	18030020	333.681	346.212
45) L9	AR-1268-5	9.911	8.621	5444802	4915234	14.295	13.800

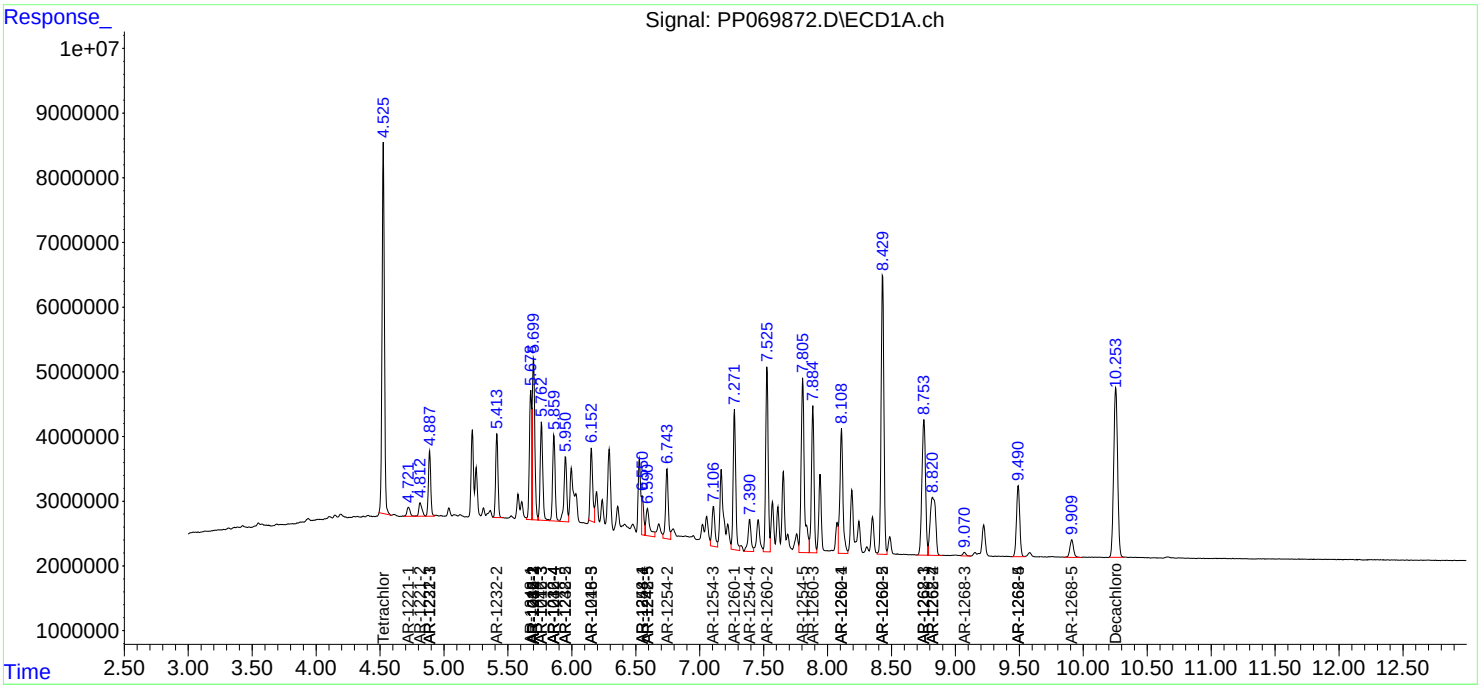
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

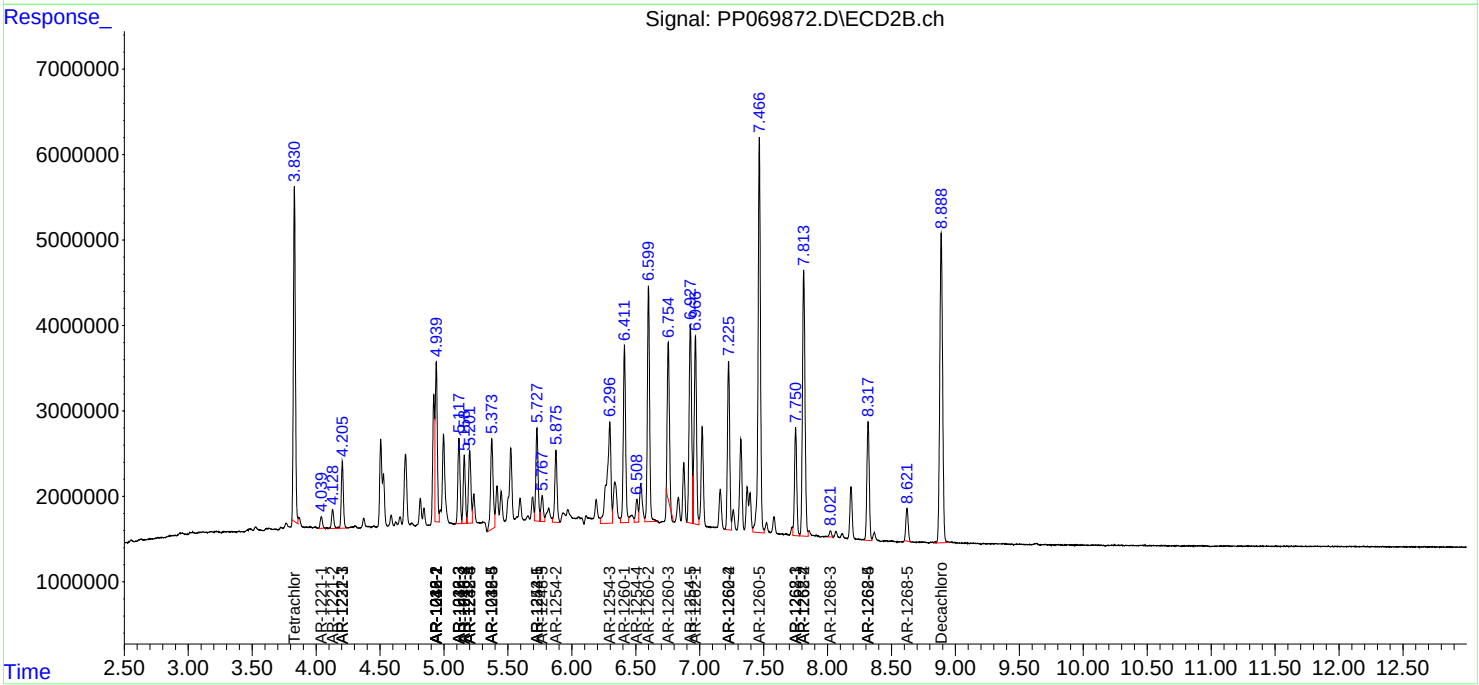
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 01:26
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

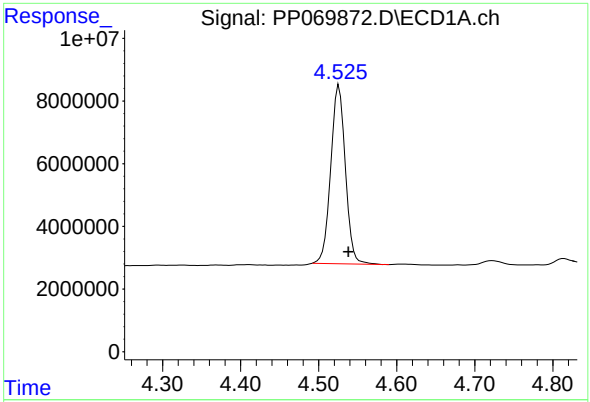
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:37:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



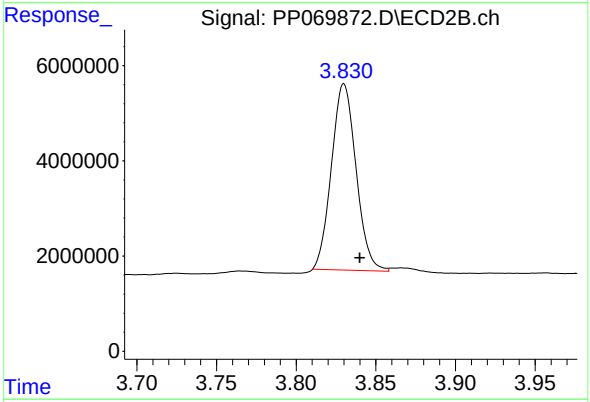




#1 Tetrachloro-m-xylene

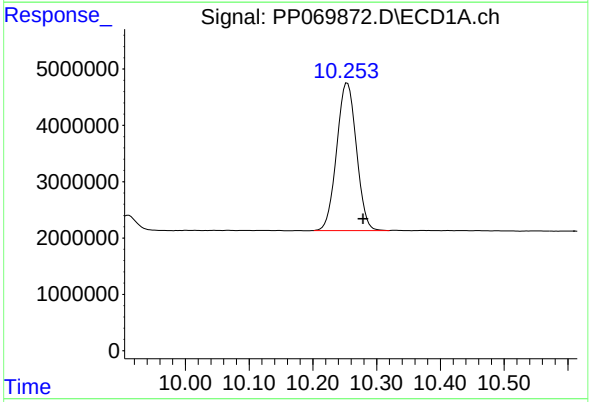
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 74113207
Conc: 51.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



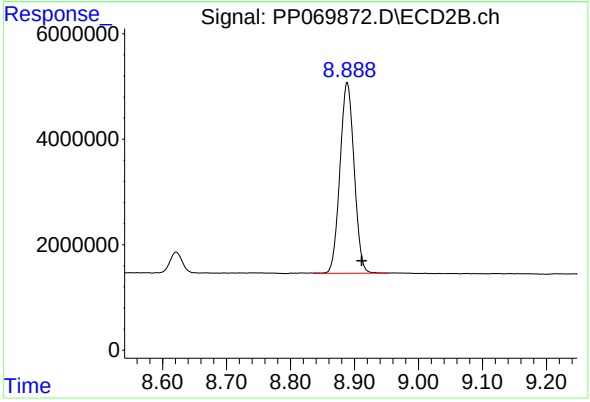
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 42122449
Conc: 47.19 ng/ml



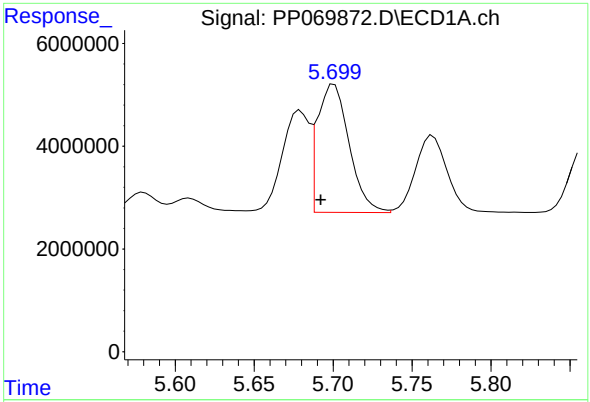
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.024 min
Response: 56340029
Conc: 51.55 ng/ml



#2 Decachlorobiphenyl

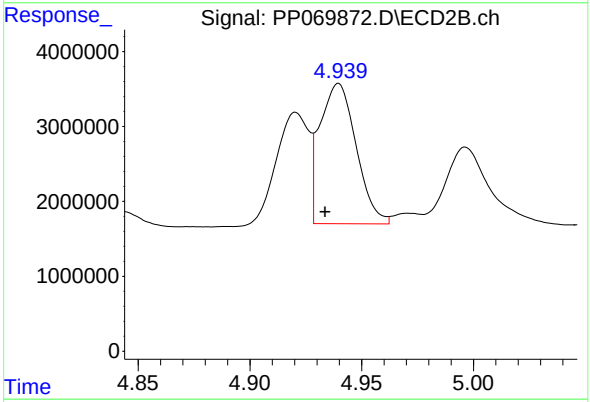
R.T.: 8.889 min
Delta R.T.: -0.023 min
Response: 55854656
Conc: 49.94 ng/ml



#3 AR-1016-1

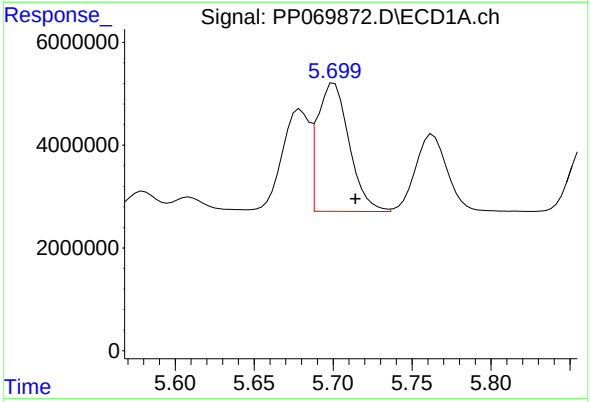
R.T.: 5.701 min
Delta R.T.: 0.009 min
Response: 34827716
Conc: 751.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



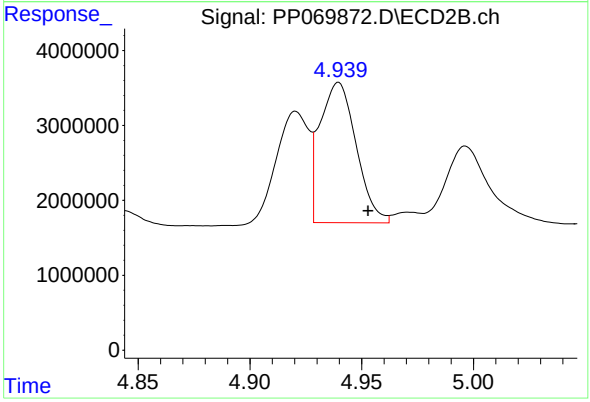
#3 AR-1016-1

R.T.: 4.940 min
Delta R.T.: 0.006 min
Response: 21202001
Conc: 650.07 ng/ml



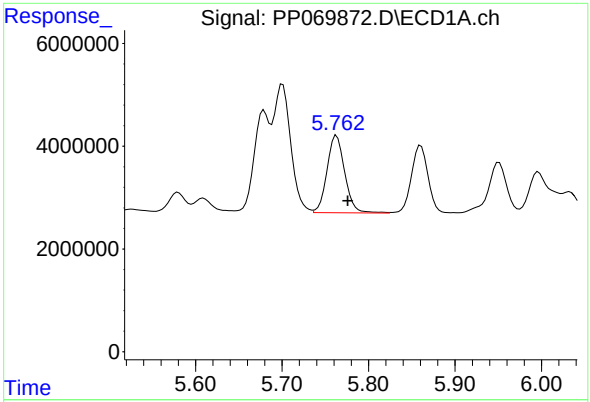
#4 AR-1016-2

R.T.: 5.701 min
Delta R.T.: -0.013 min
Response: 34827716
Conc: 513.10 ng/ml



#4 AR-1016-2

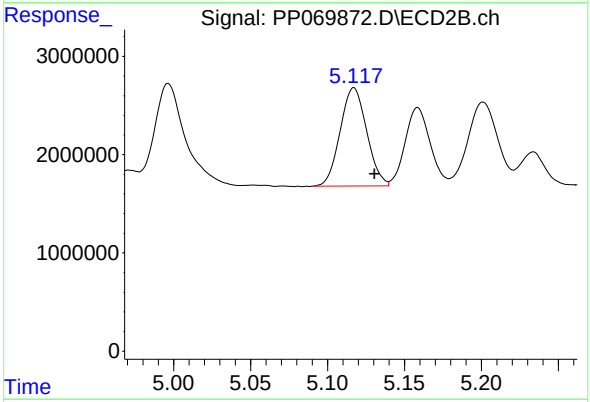
R.T.: 4.940 min
Delta R.T.: -0.013 min
Response: 21202001
Conc: 471.59 ng/ml



#5 AR-1016-3

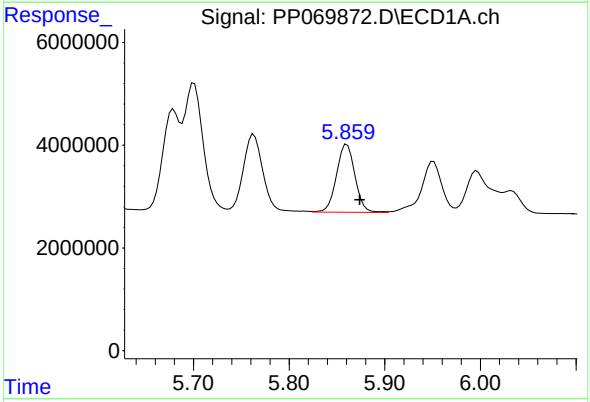
R.T.: 5.763 min
Delta R.T.: -0.013 min
Response: 21367432
Conc: 501.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



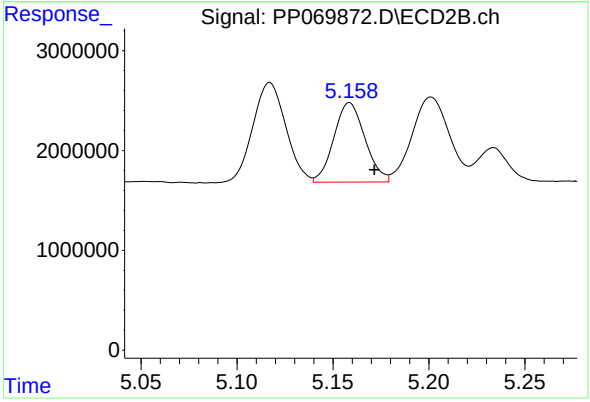
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 11973227
Conc: 481.16 ng/ml



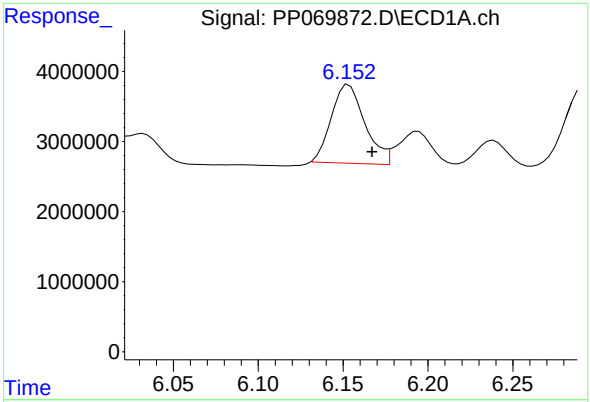
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.013 min
Response: 17853174
Conc: 510.08 ng/ml



#6 AR-1016-4

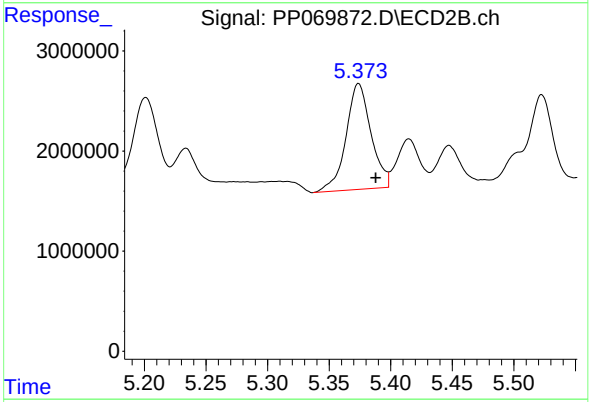
R.T.: 5.159 min
Delta R.T.: -0.013 min
Response: 9013444
Conc: 446.29 ng/ml



#7 AR-1016-5

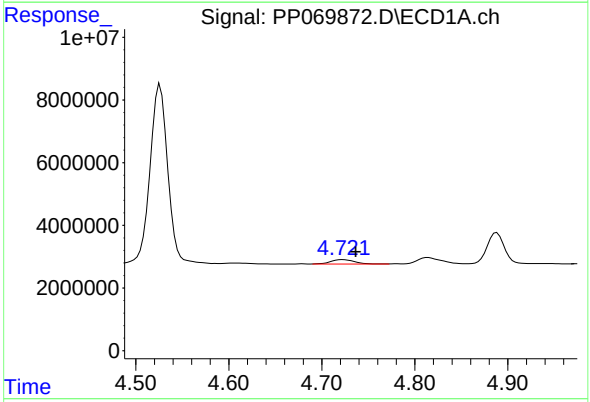
R.T.: 6.153 min
Delta R.T.: -0.014 min
Response: 15417585
Conc: 466.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



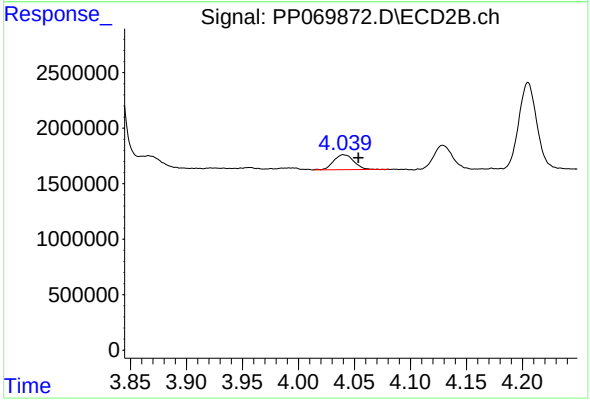
#7 AR-1016-5

R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 14970234
Conc: 558.09 ng/ml



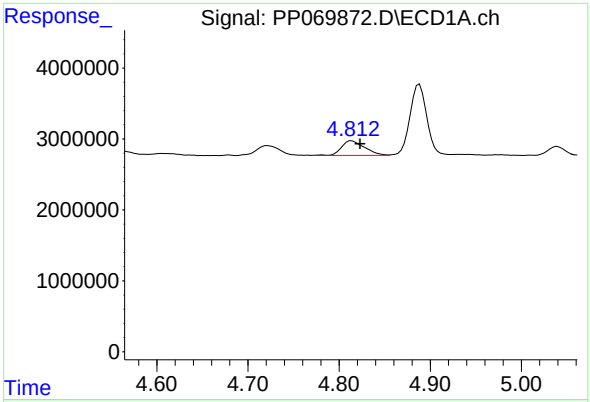
#8 AR-1221-1

R.T.: 4.722 min
Delta R.T.: -0.014 min
Response: 2449794
Conc: 128.80 ng/ml



#8 AR-1221-1

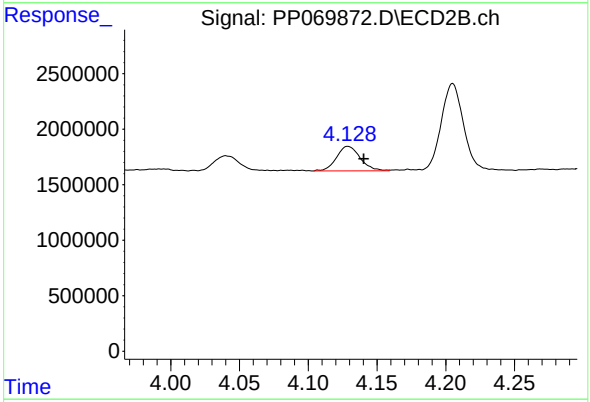
R.T.: 4.040 min
Delta R.T.: -0.013 min
Response: 1637348
Conc: 132.92 ng/ml



#9 AR-1221-2

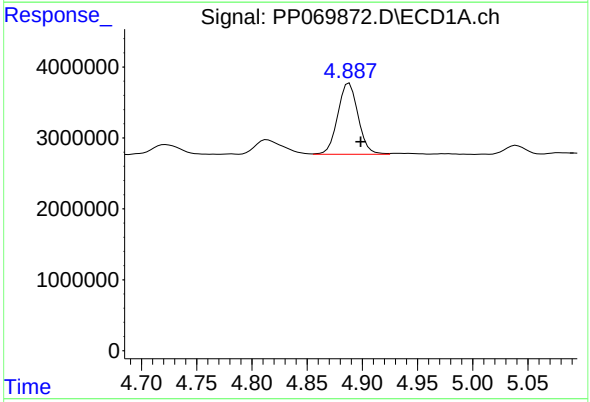
R.T.: 4.814 min
Delta R.T.: -0.009 min
Response: 3633095
Conc: 265.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



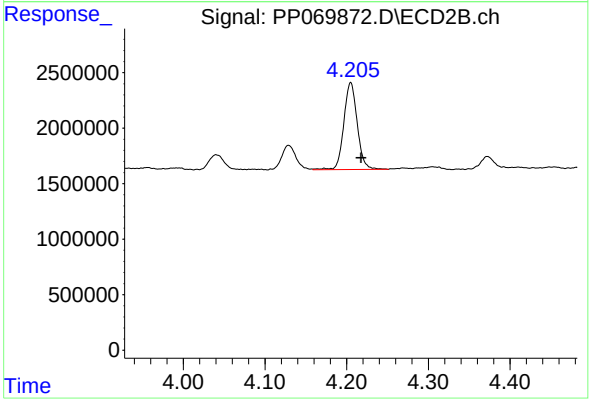
#9 AR-1221-2

R.T.: 4.129 min
Delta R.T.: -0.012 min
Response: 2654521
Conc: 274.13 ng/ml



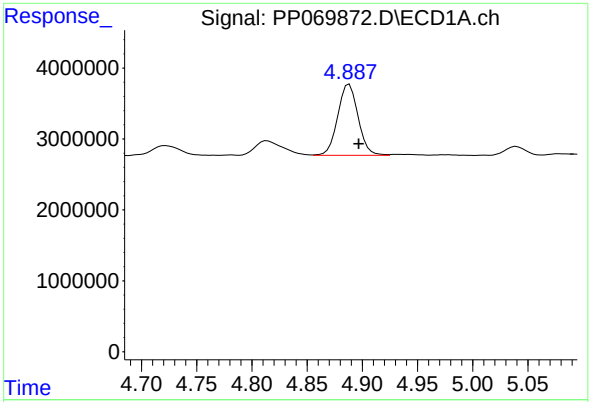
#10 AR-1221-3

R.T.: 4.888 min
Delta R.T.: -0.010 min
Response: 12901080
Conc: 307.58 ng/ml



#10 AR-1221-3

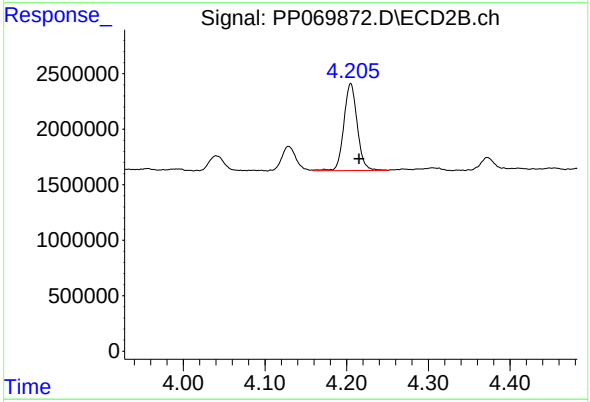
R.T.: 4.205 min
Delta R.T.: -0.013 min
Response: 8965359
Conc: 307.30 ng/ml



#11 AR-1232-1

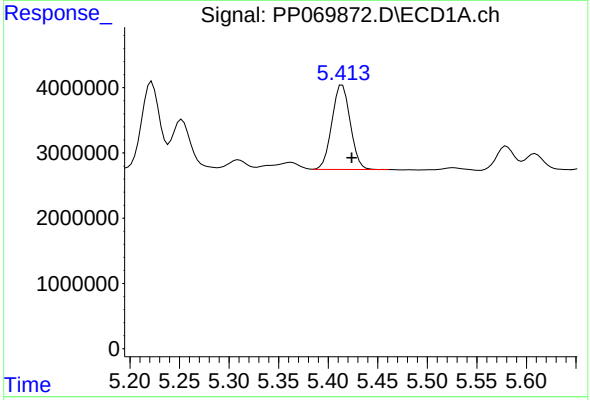
R.T.: 4.888 min
Delta R.T.: -0.009 min
Response: 12901080
Conc: 387.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



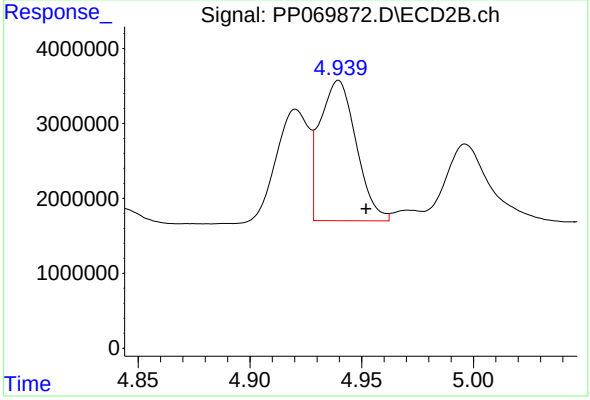
#11 AR-1232-1

R.T.: 4.205 min
Delta R.T.: -0.010 min
Response: 8965359
Conc: 381.84 ng/ml



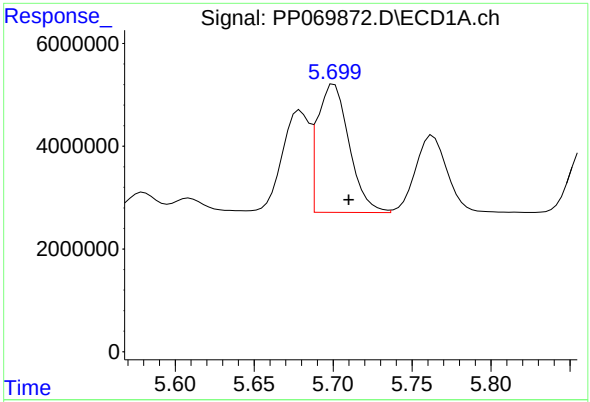
#12 AR-1232-2

R.T.: 5.414 min
Delta R.T.: -0.009 min
Response: 16643552
Conc: 1018.45 ng/ml



#12 AR-1232-2

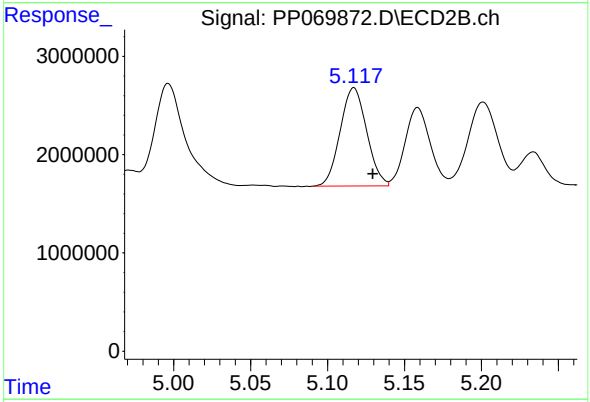
R.T.: 4.940 min
Delta R.T.: -0.012 min
Response: 21202001
Conc: 899.47 ng/ml



#13 AR-1232-3

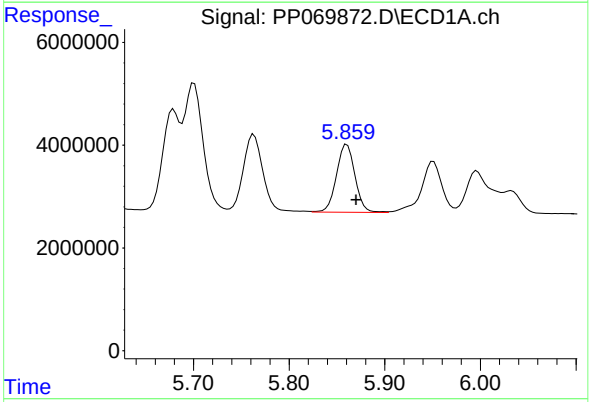
R.T.: 5.701 min
Delta R.T.: -0.009 min
Response: 34827716
Conc: 1013.64 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



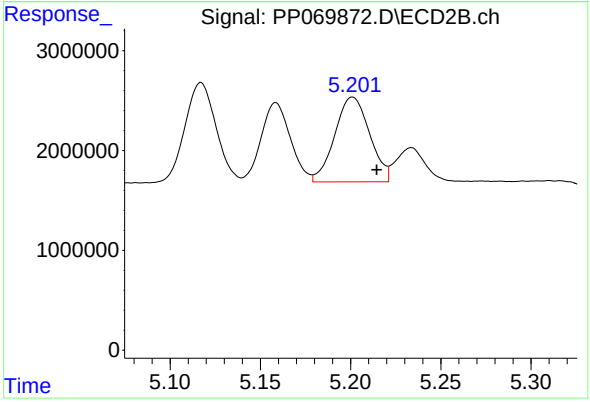
#13 AR-1232-3

R.T.: 5.117 min
Delta R.T.: -0.012 min
Response: 11973227
Conc: 924.77 ng/ml



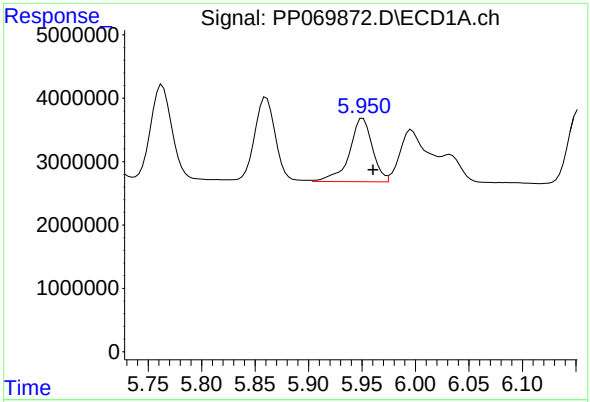
#14 AR-1232-4

R.T.: 5.860 min
Delta R.T.: -0.010 min
Response: 17853174
Conc: 1002.08 ng/ml



#14 AR-1232-4

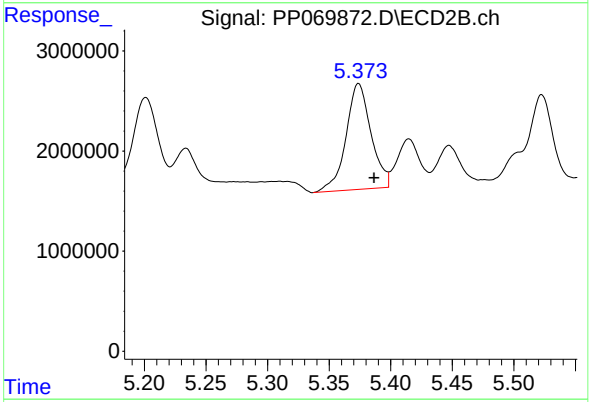
R.T.: 5.201 min
Delta R.T.: -0.013 min
Response: 11438511
Conc: 1031.77 ng/ml



#15 AR-1232-5

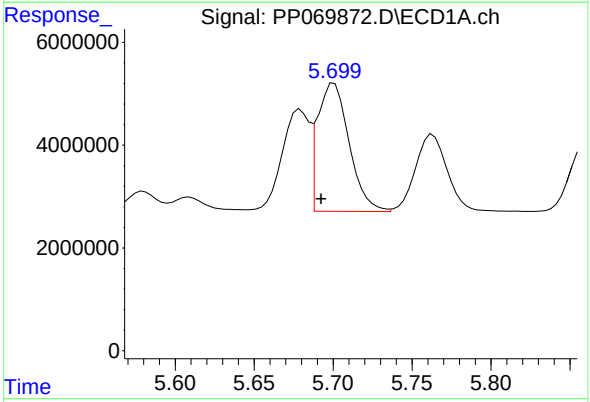
R.T.: 5.951 min
Delta R.T.: -0.009 min
Response: 14990948
Conc: 1307.83 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



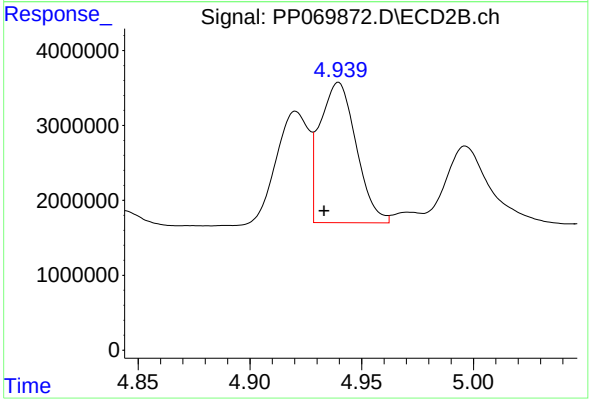
#15 AR-1232-5

R.T.: 5.374 min
Delta R.T.: -0.013 min
Response: 14970234
Conc: 1226.03 ng/ml



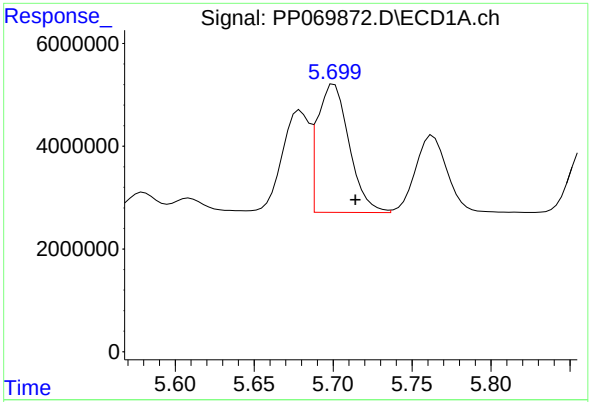
#16 AR-1242-1

R.T.: 5.701 min
Delta R.T.: 0.008 min
Response: 34827716
Conc: 835.09 ng/ml



#16 AR-1242-1

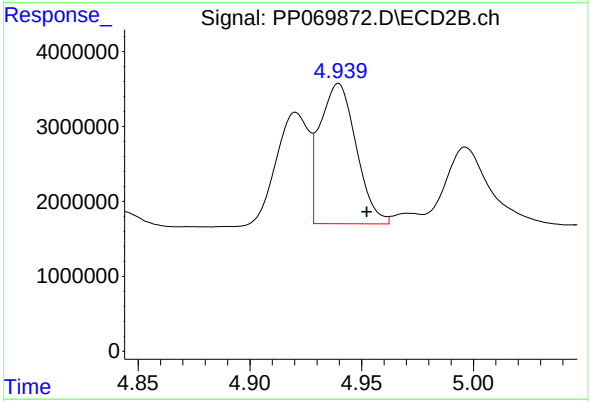
R.T.: 4.940 min
Delta R.T.: 0.007 min
Response: 21202001
Conc: 735.36 ng/ml



#17 AR-1242-2

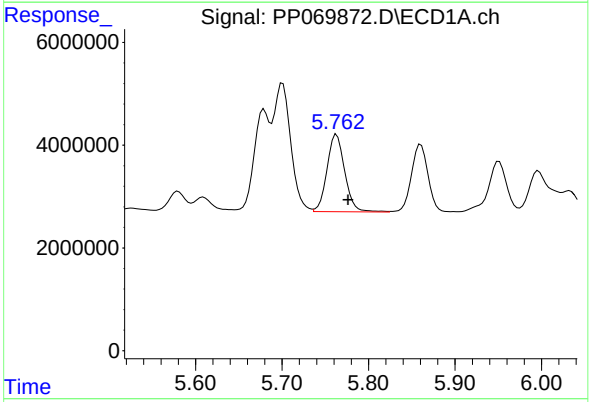
R.T.: 5.701 min
Delta R.T.: -0.013 min
Response: 34827716
Conc: 590.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



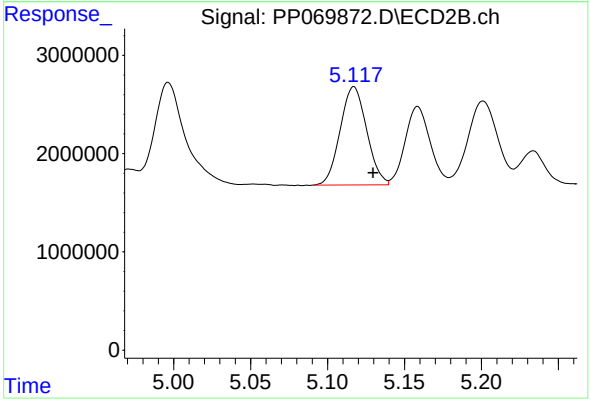
#17 AR-1242-2

R.T.: 4.940 min
Delta R.T.: -0.013 min
Response: 21202001
Conc: 538.15 ng/ml



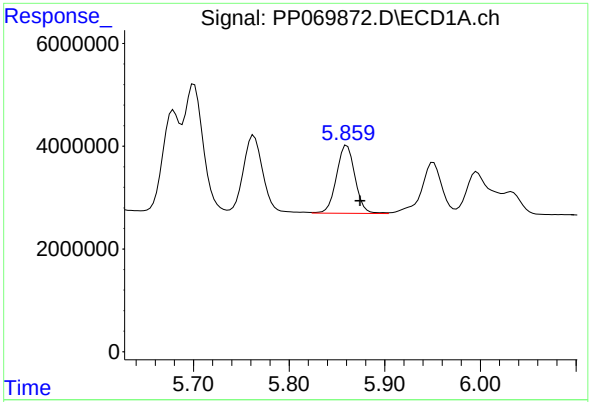
#18 AR-1242-3

R.T.: 5.763 min
Delta R.T.: -0.013 min
Response: 21367432
Conc: 575.96 ng/ml



#18 AR-1242-3

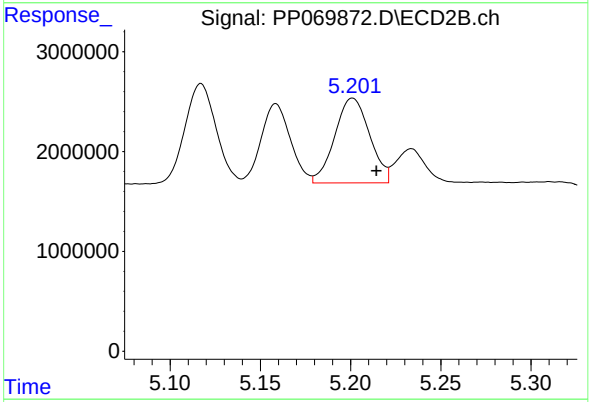
R.T.: 5.117 min
Delta R.T.: -0.012 min
Response: 11973227
Conc: 532.05 ng/ml



#19 AR-1242-4

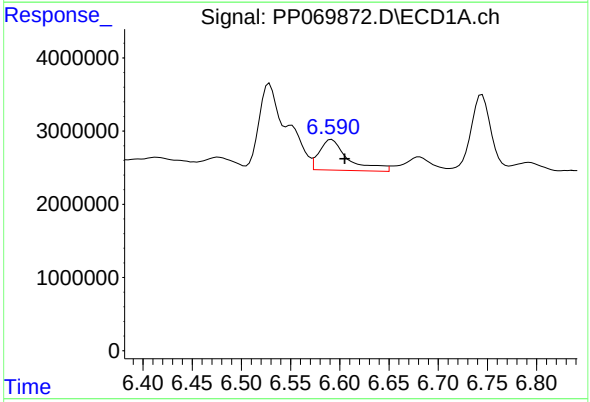
R.T.: 5.860 min
Delta R.T.: -0.014 min
Response: 17853174
Conc: 544.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



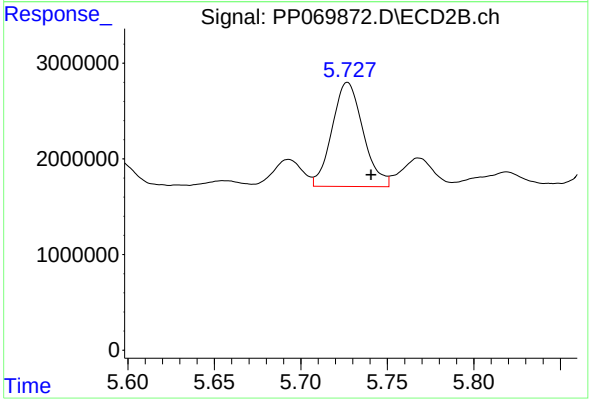
#19 AR-1242-4

R.T.: 5.201 min
Delta R.T.: -0.013 min
Response: 11438511
Conc: 530.00 ng/ml



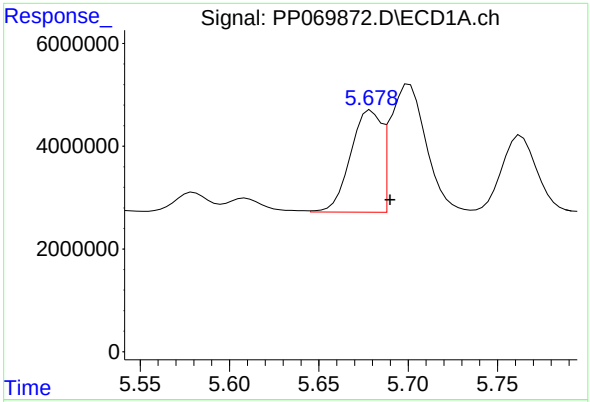
#20 AR-1242-5

R.T.: 6.592 min
Delta R.T.: -0.013 min
Response: 8536071
Conc: 261.97 ng/ml



#20 AR-1242-5

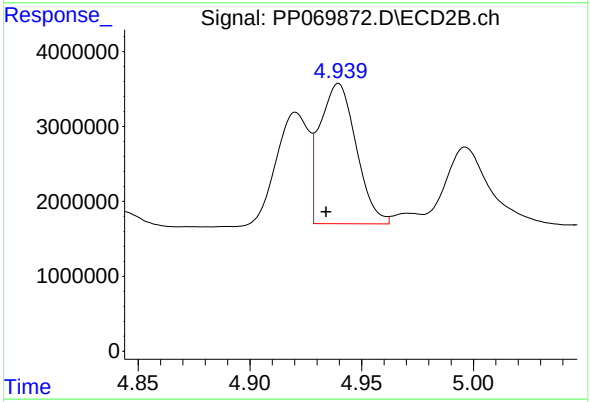
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 13552930
Conc: 471.11 ng/ml



#21 AR-1248-1

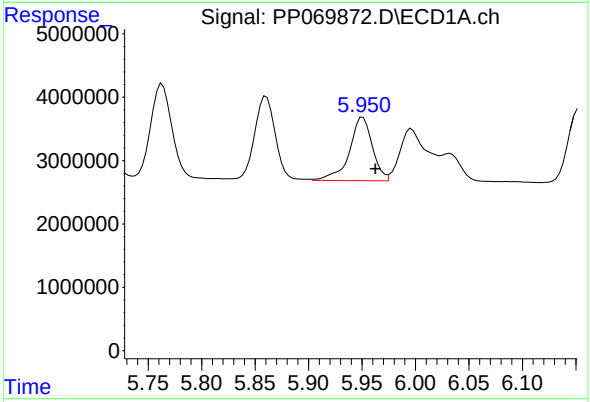
R.T.: 5.679 min
Delta R.T.: -0.011 min
Response: 23873091
Conc: 735.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



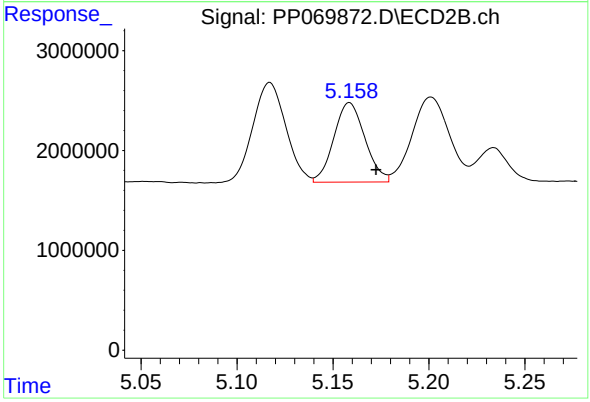
#21 AR-1248-1

R.T.: 4.940 min
Delta R.T.: 0.006 min
Response: 21202001
Conc: 963.26 ng/ml



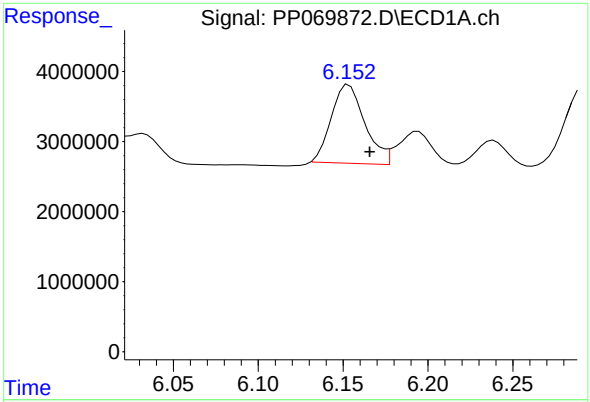
#22 AR-1248-2

R.T.: 5.951 min
Delta R.T.: -0.012 min
Response: 14990948
Conc: 353.17 ng/ml



#22 AR-1248-2

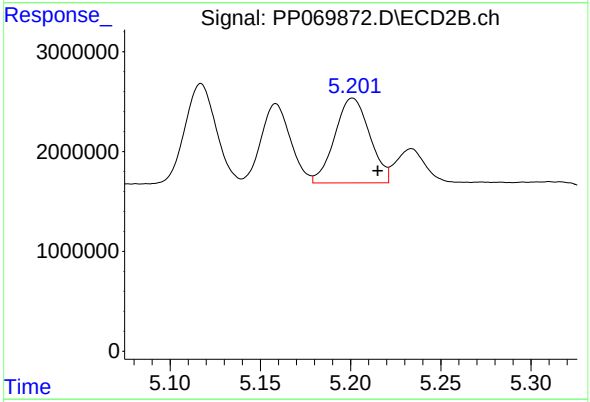
R.T.: 5.159 min
Delta R.T.: -0.014 min
Response: 9013444
Conc: 299.80 ng/ml



#23 AR-1248-3

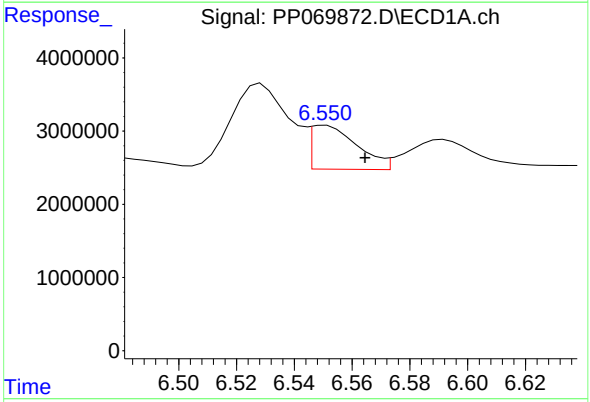
R.T.: 6.153 min
Delta R.T.: -0.012 min
Response: 15417585
Conc: 328.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



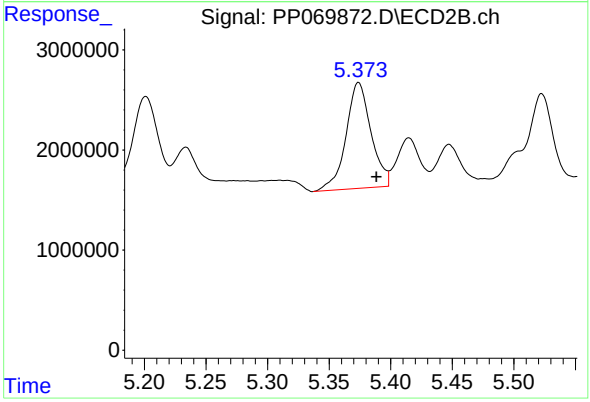
#23 AR-1248-3

R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 11438511
Conc: 369.17 ng/ml



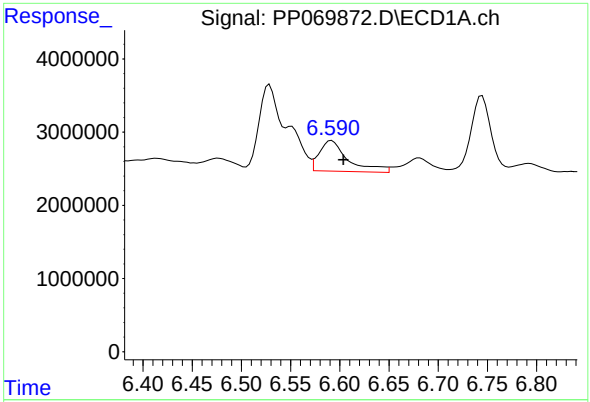
#24 AR-1248-4

R.T.: 6.551 min
Delta R.T.: -0.014 min
Response: 6677305
Conc: 121.14 ng/ml



#24 AR-1248-4

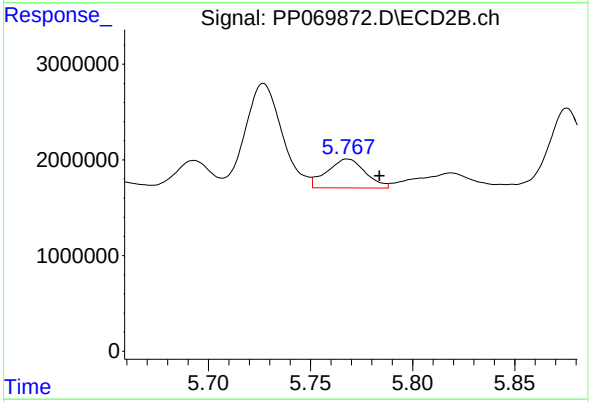
R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 14970234
Conc: 405.22 ng/ml



#25 AR-1248-5

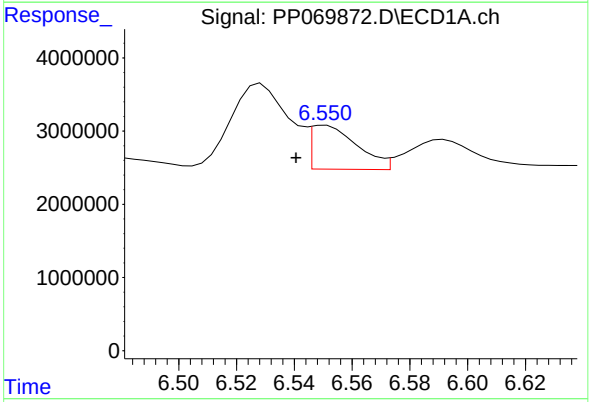
R.T.: 6.592 min
Delta R.T.: -0.012 min
Response: 8536071
Conc: 159.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



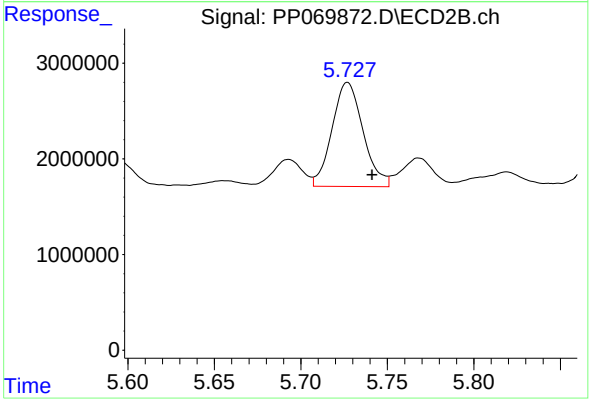
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.016 min
Response: 3954271
Conc: 105.76 ng/ml



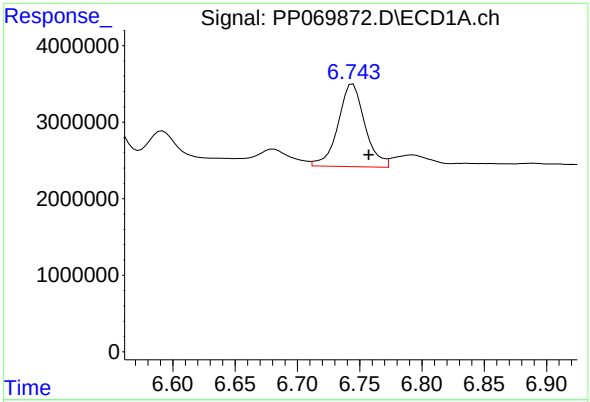
#26 AR-1254-1

R.T.: 6.551 min
Delta R.T.: 0.010 min
Response: 6677305
Conc: 115.40 ng/ml



#26 AR-1254-1

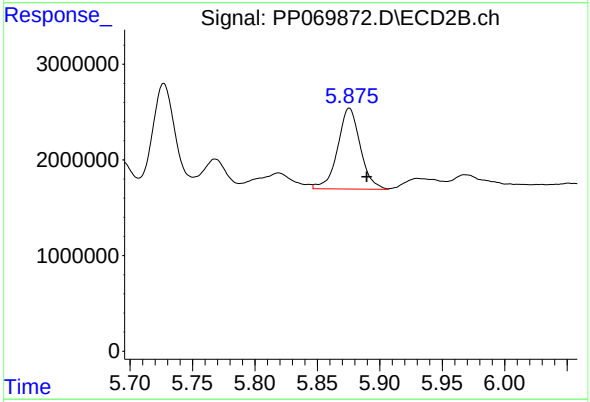
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 13552930
Conc: 246.17 ng/ml



#27 AR-1254-2

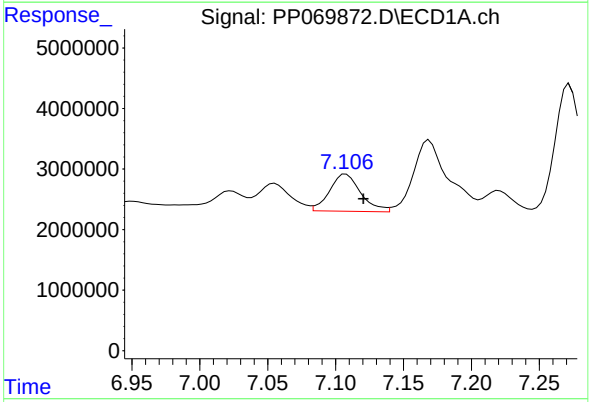
R.T.: 6.745 min
Delta R.T.: -0.013 min
Response: 16236137
Conc: 202.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



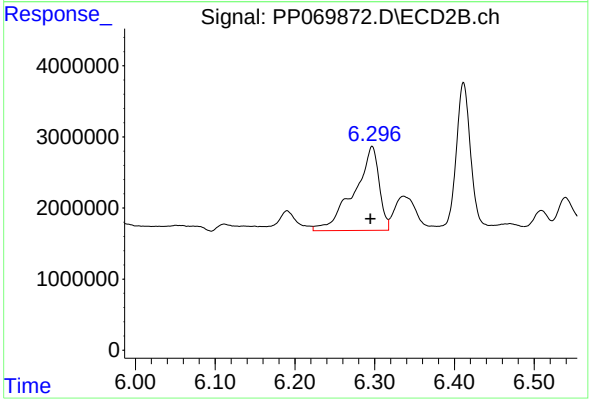
#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 10673006
Conc: 220.66 ng/ml



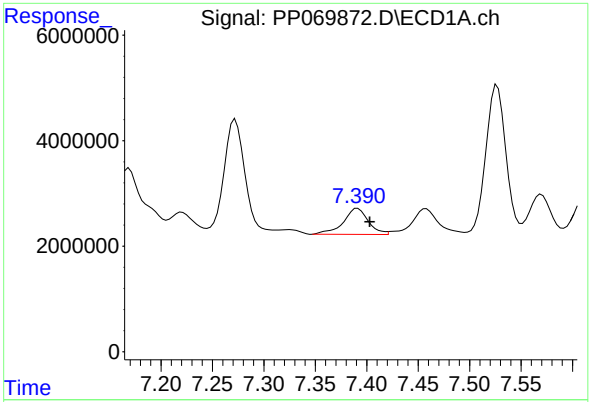
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: -0.013 min
Response: 9844856
Conc: 116.80 ng/ml



#28 AR-1254-3

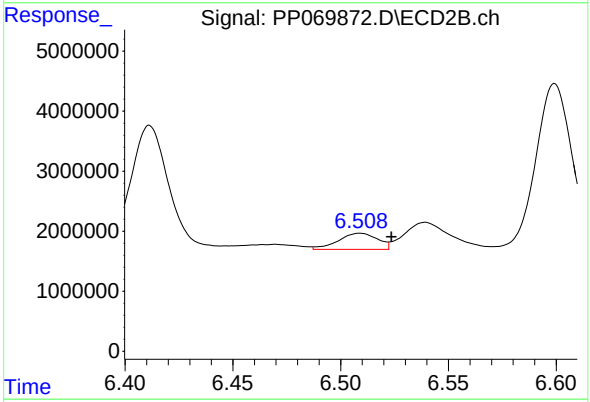
R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 25831293
Conc: 340.35 ng/ml



#29 AR-1254-4

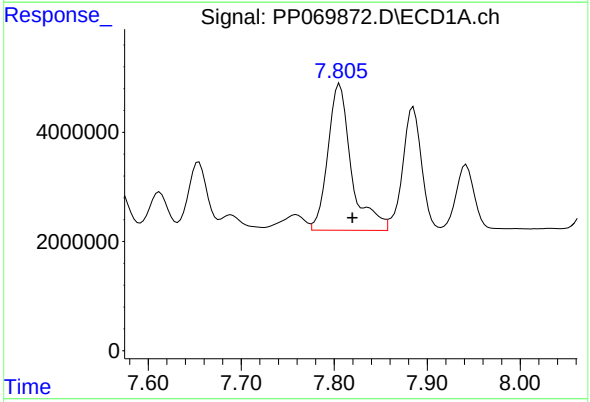
R.T.: 7.391 min
Delta R.T.: -0.012 min
Response: 8319122
Conc: 122.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



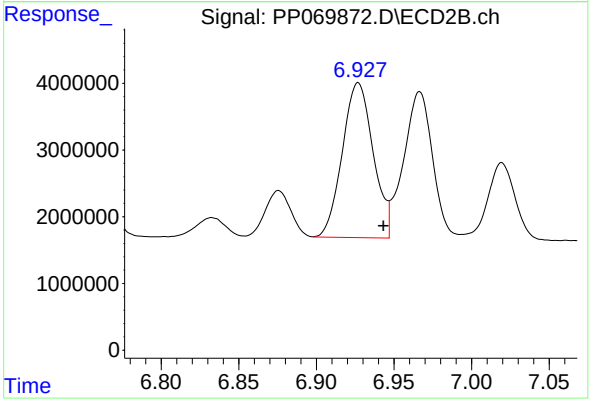
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 3401829
Conc: 66.38 ng/ml



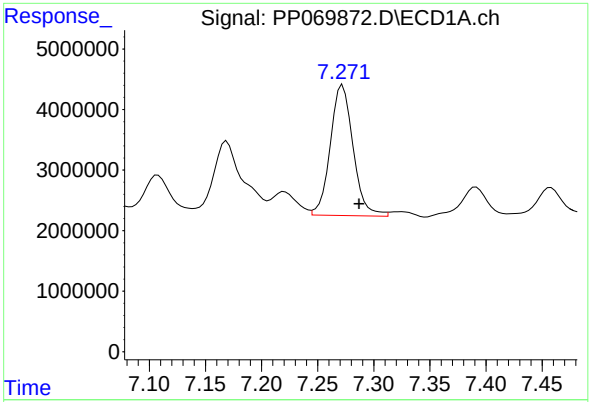
#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.014 min
Response: 47180425
Conc: 693.36 ng/ml



#30 AR-1254-5

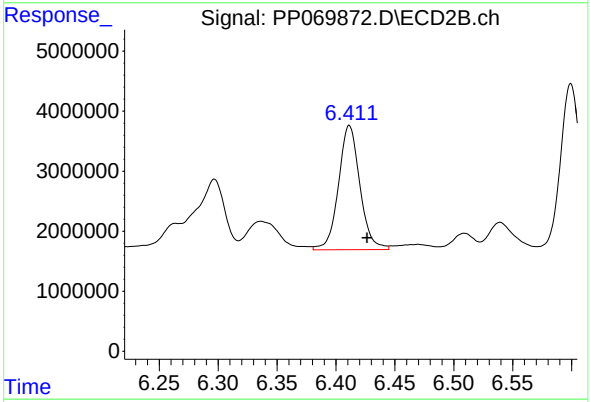
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 32089305
Conc: 482.11 ng/ml



#31 AR-1260-1

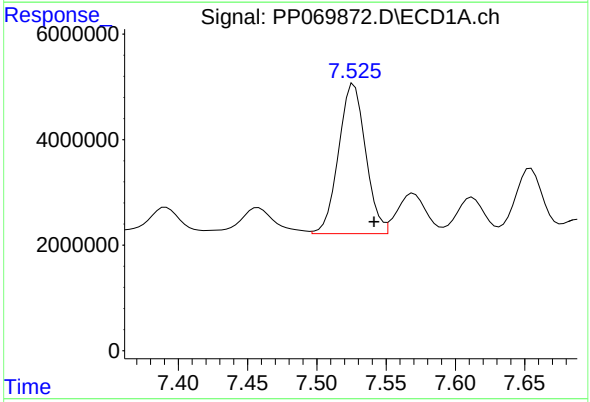
R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 30523109
Conc: 522.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



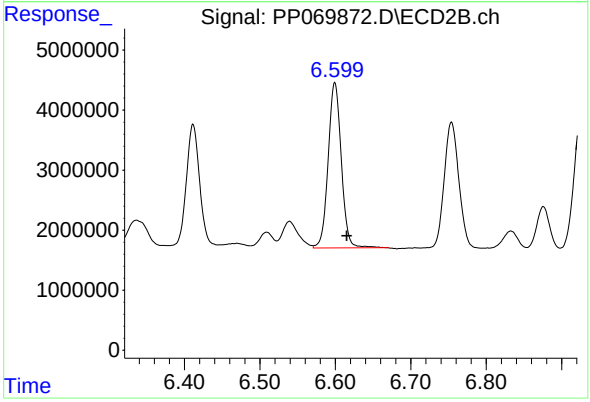
#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.015 min
Response: 26193979
Conc: 543.11 ng/ml



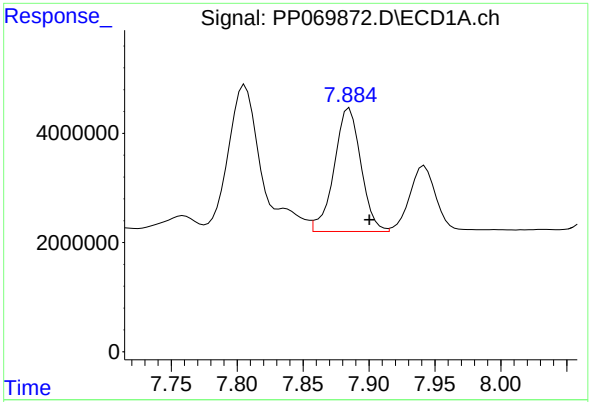
#32 AR-1260-2

R.T.: 7.527 min
Delta R.T.: -0.014 min
Response: 38638235
Conc: 496.55 ng/ml



#32 AR-1260-2

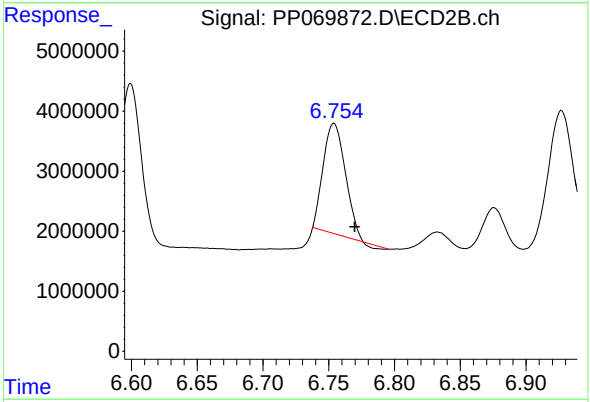
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 33309928
Conc: 543.36 ng/ml



#33 AR-1260-3

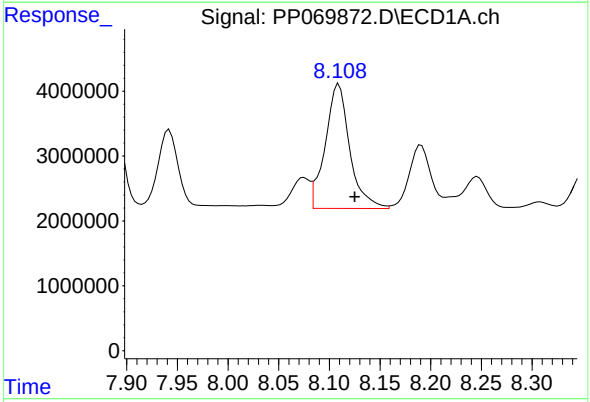
R.T.: 7.885 min
Delta R.T.: -0.015 min
Response: 31985389
Conc: 511.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



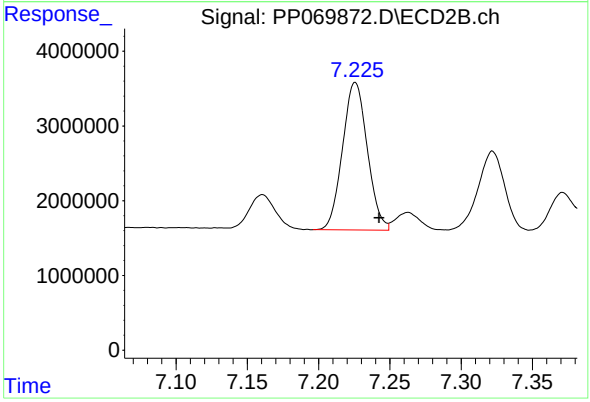
#33 AR-1260-3

R.T.: 6.754 min
Delta R.T.: -0.016 min
Response: 21268352
Conc: 353.55 ng/ml



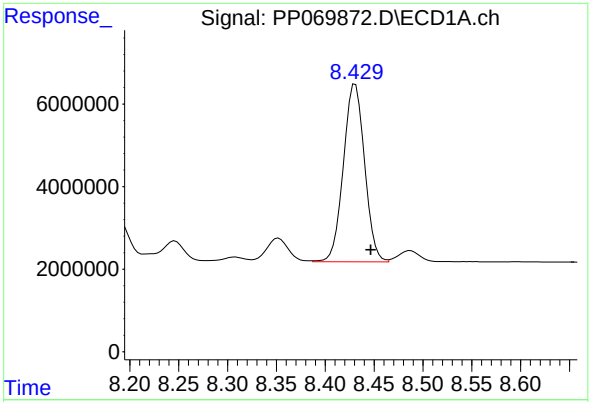
#34 AR-1260-4

R.T.: 8.109 min
Delta R.T.: -0.016 min
Response: 32253570
Conc: 488.86 ng/ml



#34 AR-1260-4

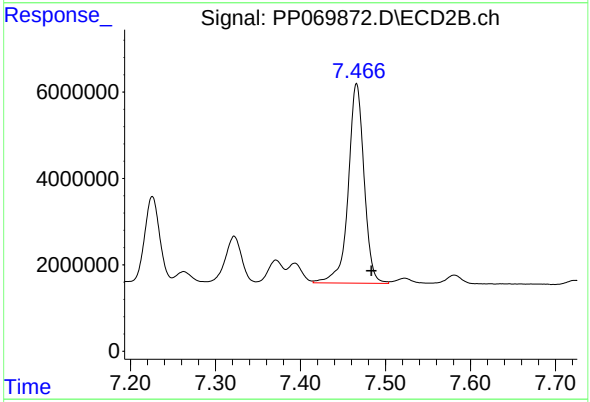
R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 23911137
Conc: 514.58 ng/ml



#35 AR-1260-5

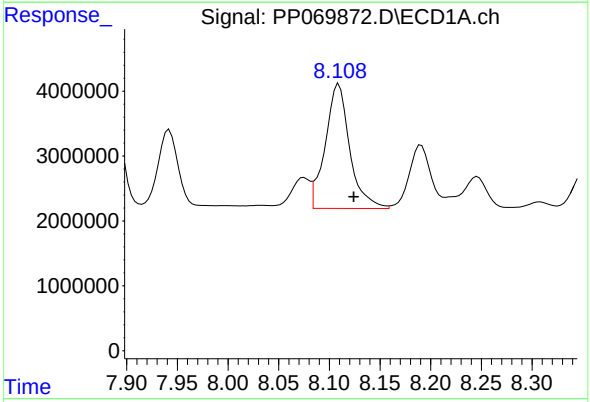
R.T.: 8.431 min
Delta R.T.: -0.016 min
Response: 65095190
Conc: 497.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



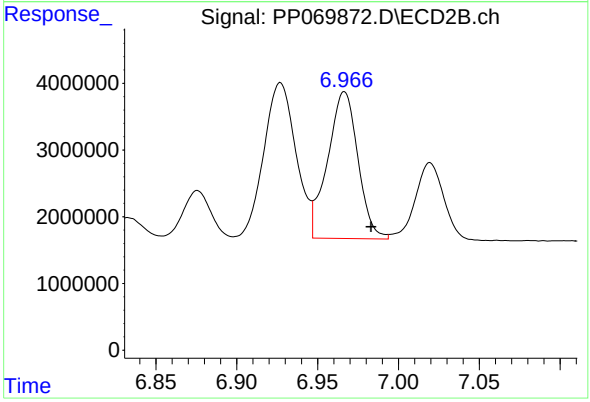
#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.018 min
Response: 59716390
Conc: 537.28 ng/ml



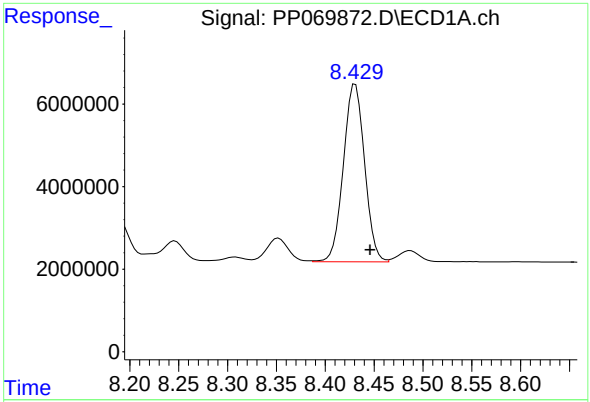
#36 AR-1262-1

R.T.: 8.109 min
Delta R.T.: -0.015 min
Response: 32253570
Conc: 408.18 ng/ml



#36 AR-1262-1

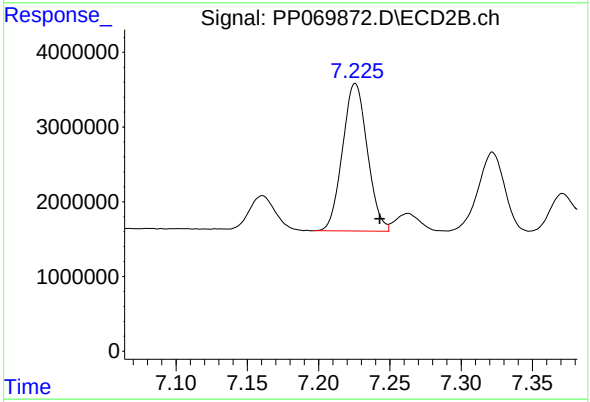
R.T.: 6.967 min
Delta R.T.: -0.016 min
Response: 28695860
Conc: 404.09 ng/ml



#37 AR-1262-2

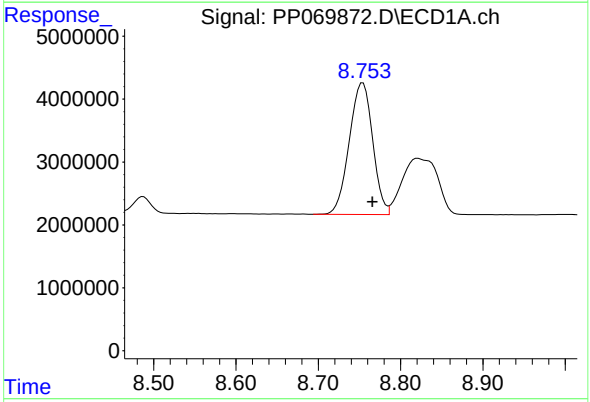
R.T.: 8.431 min
Delta R.T.: -0.015 min
Response: 65095190
Conc: 425.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



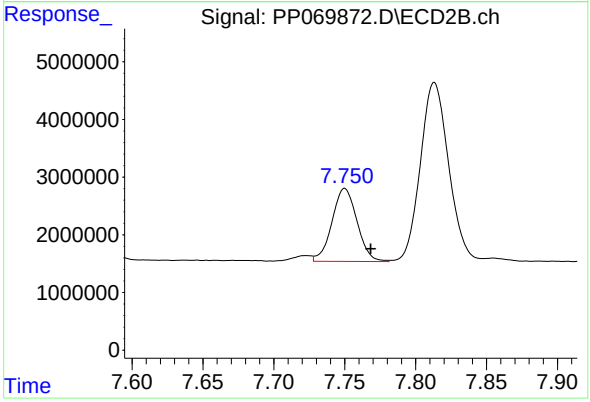
#37 AR-1262-2

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 23911137
Conc: 392.12 ng/ml



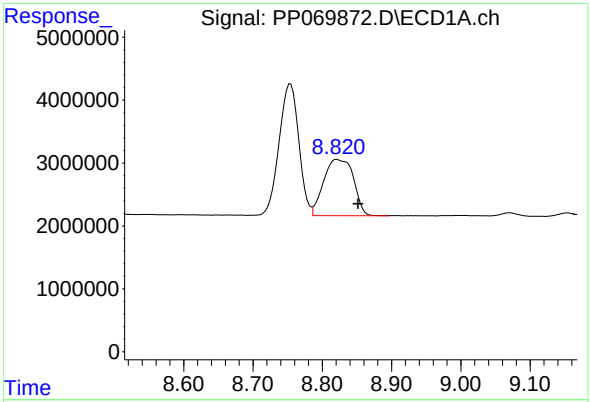
#38 AR-1262-3

R.T.: 8.754 min
Delta R.T.: -0.011 min
Response: 41368475
Conc: 389.24 ng/ml



#38 AR-1262-3

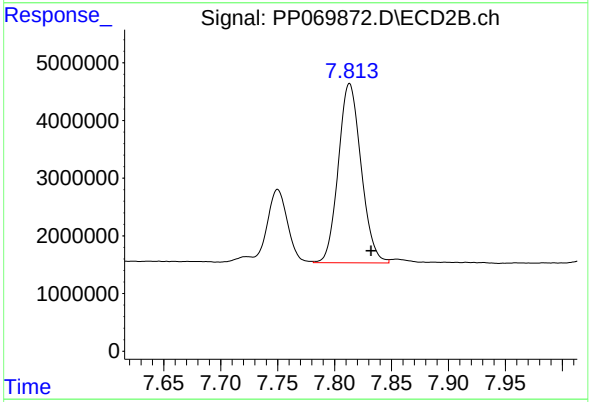
R.T.: 7.750 min
Delta R.T.: -0.018 min
Response: 15538881
Conc: 297.12 ng/ml



#39 AR-1262-4

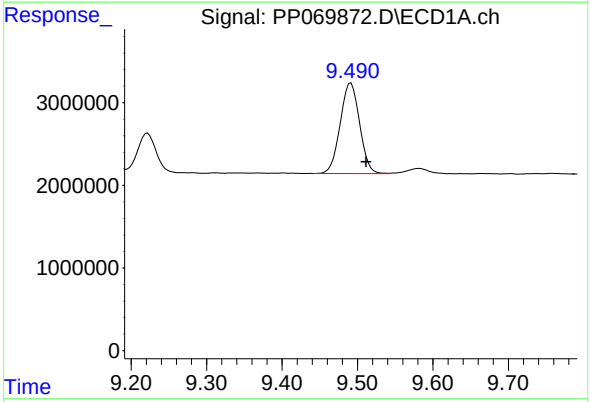
R.T.: 8.821 min
Delta R.T.: -0.030 min
Response: 26818302
Conc: 327.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



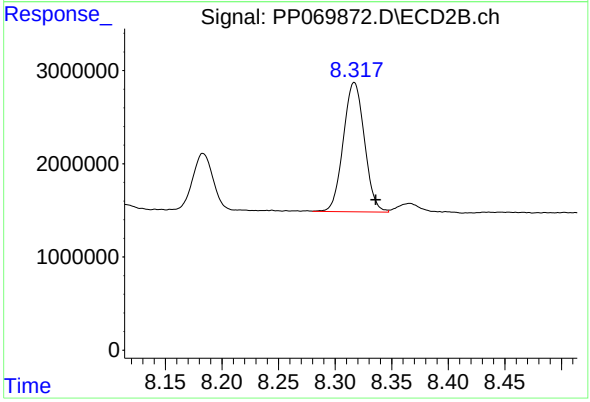
#39 AR-1262-4

R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 43254384
Conc: 467.94 ng/ml



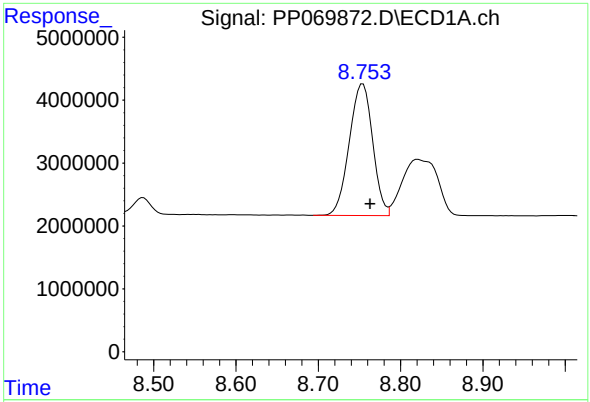
#40 AR-1262-5

R.T.: 9.491 min
Delta R.T.: -0.020 min
Response: 19593993
Conc: 346.12 ng/ml



#40 AR-1262-5

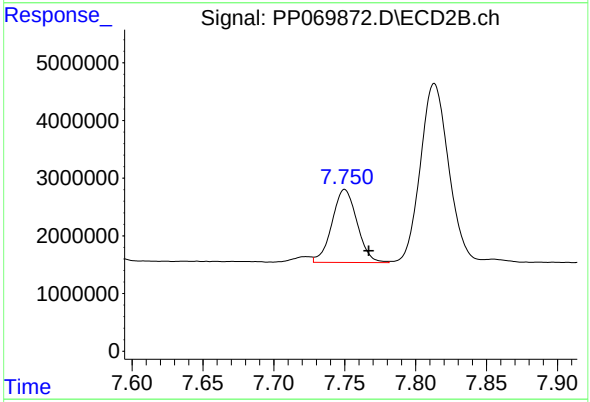
R.T.: 8.317 min
Delta R.T.: -0.019 min
Response: 18030020
Conc: 377.26 ng/ml



#41 AR-1268-1

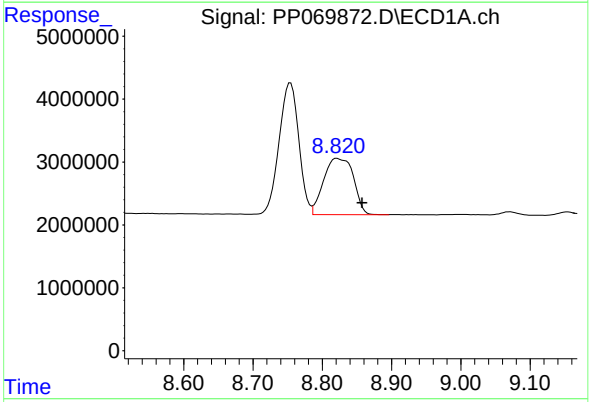
R.T.: 8.754 min
Delta R.T.: -0.009 min
Response: 41368475
Conc: 234.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



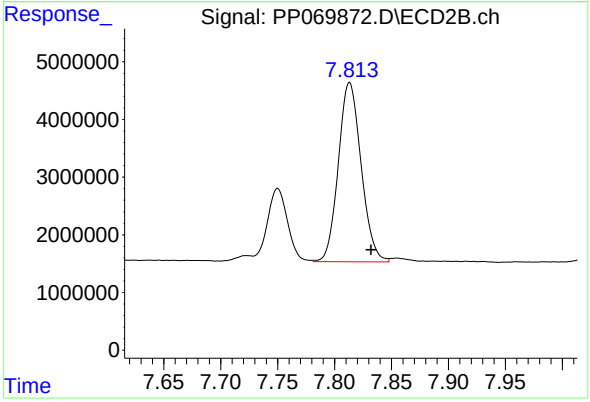
#41 AR-1268-1

R.T.: 7.750 min
Delta R.T.: -0.017 min
Response: 15538881
Conc: 107.07 ng/ml



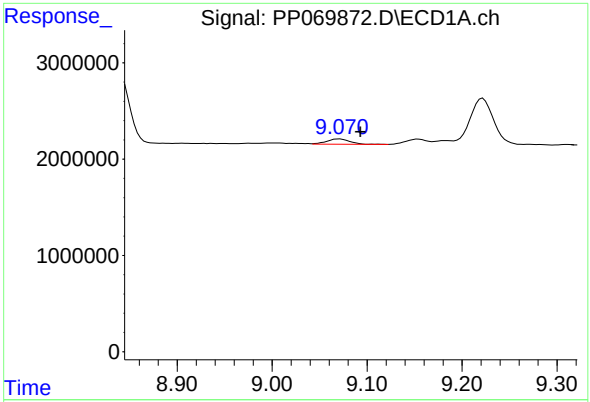
#42 AR-1268-2

R.T.: 8.821 min
Delta R.T.: -0.036 min
Response: 26818302
Conc: 170.41 ng/ml



#42 AR-1268-2

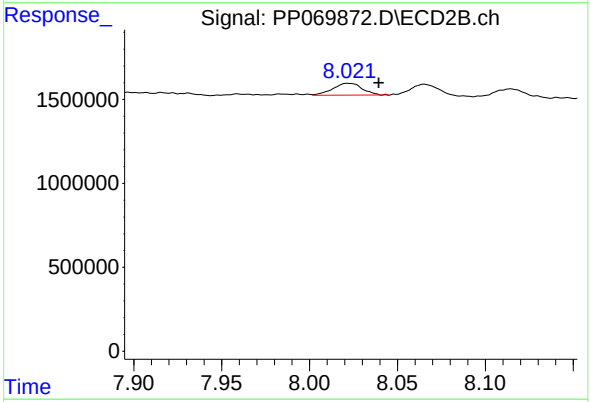
R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 43254384
Conc: 325.67 ng/ml



#43 AR-1268-3

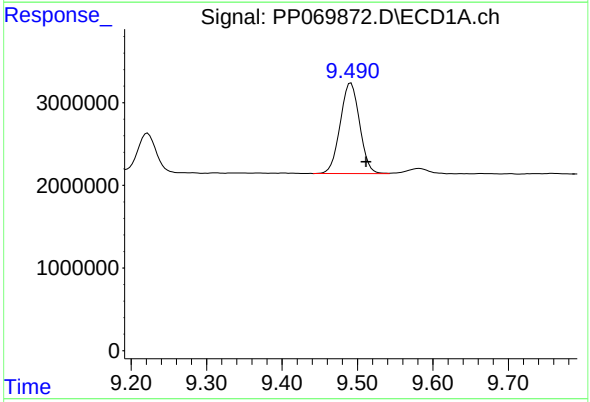
R.T.: 9.071 min
Delta R.T.: -0.022 min
Response: 924148
Conc: 6.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



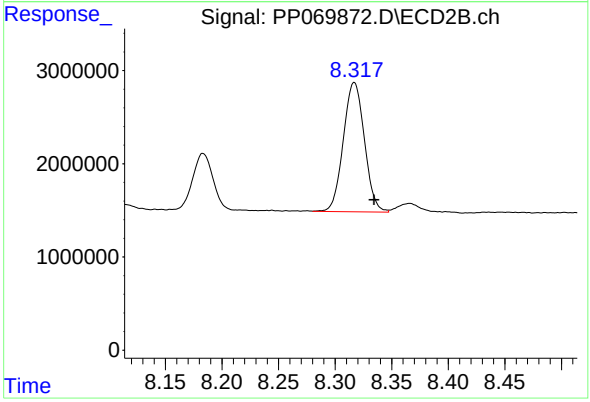
#43 AR-1268-3

R.T.: 8.022 min
Delta R.T.: -0.017 min
Response: 827443
Conc: 7.27 ng/ml



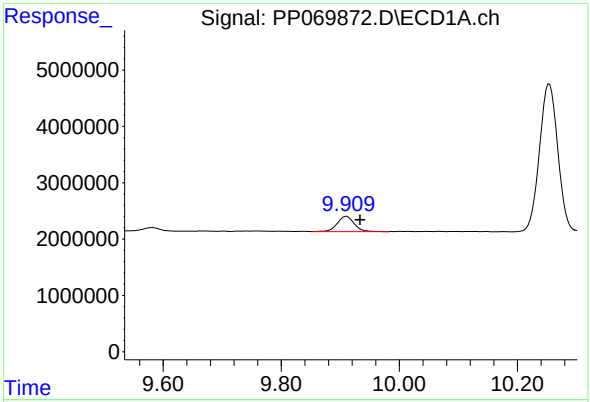
#44 AR-1268-4

R.T.: 9.491 min
Delta R.T.: -0.020 min
Response: 19593993
Conc: 333.68 ng/ml



#44 AR-1268-4

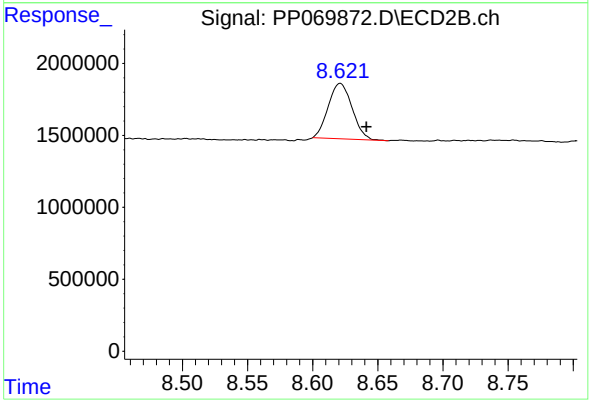
R.T.: 8.317 min
Delta R.T.: -0.018 min
Response: 18030020
Conc: 346.21 ng/ml



#45 AR-1268-5

R.T.: 9.911 min
Delta R.T.: -0.023 min
Response: 5444802
Conc: 14.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.020 min
Response: 4915234
Conc: 13.80 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 02:31
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.830	79806702	44713132	55.751	50.097	
2)	SA Decachlor...	10.254	8.889	58167238	54025826	53.223	48.303	
	Target Compounds							
3)	L1 AR-1016-1	5.703	4.936	1209881	482208	26.113	14.785	#
4)	L1 AR-1016-2	5.703	4.936	1209881	482208	17.825	10.726	#
5)	L1 AR-1016-3	0.000	5.119	0	408770	N.D.	16.427	#
6)	L1 AR-1016-4	0.000	5.158	0	10018176	N.D.	496.041	#
7)	L1 AR-1016-5	6.154	5.372	9053282	11157457	273.856	415.952	#
8)	L2 AR-1221-1	0.000	4.046	0	116631	N.D.	9.468	#
9)	L2 AR-1221-2	4.829	4.133	1142916	925442	83.470	95.570	
10)	L2 AR-1221-3	4.829f	4.205	1142916	339224	27.249	11.628	#
11)	L3 AR-1232-1	4.829f	4.205	1142916	339224	34.328	14.448	#
12)	L3 AR-1232-2	0.000	4.936	0	482208	N.D.	20.457	#
13)	L3 AR-1232-3	5.703	5.119	1209881	408770	35.213	31.572	
14)	L3 AR-1232-4	0.000	5.199	0	3583758	N.D.	323.260	#
15)	L3 AR-1232-5	5.951	5.372	16006235	11157457	1396.410	913.773	#
16)	L4 AR-1242-1	5.703	4.936	1209881	482208	29.010	16.725	#
17)	L4 AR-1242-2	5.703	4.936	1209881	482208	20.510	12.239	#
18)	L4 AR-1242-3	0.000	5.119	0	408770	N.D.	18.164	#
19)	L4 AR-1242-4	0.000	5.199	0	3583758	N.D.	166.051	#
20)	L4 AR-1242-5	6.595	5.726	14925725	29132700	458.065	1012.664	#
21)	L5 AR-1248-1	5.679	4.936	1144981	482208	35.296	21.908	#
22)	L5 AR-1248-2	5.951	5.158	16006235	10018176	377.093	333.222	
23)	L5 AR-1248-3	6.154	5.199	9053282	3583758	192.676	115.664	#
24)	L5 AR-1248-4	6.551	5.372	15137372	11157457	274.619	302.012	
25)	L5 AR-1248-5	6.595	5.767	14925725	4464942	279.593	119.417	#
26)	L6 AR-1254-1	6.530	5.726	29905589	29132700	516.828	529.149	
27)	L6 AR-1254-2	6.746	5.875	46691292	25828579	581.882	533.993	
28)	L6 AR-1254-3	7.108	6.280	47263049	39681374	560.730	522.838	
29)	L6 AR-1254-4	7.390	6.508	38012174	27155531	557.463	529.867	
30)	L6 AR-1254-5	7.808	6.927	35963318	34489188	528.514	518.163	
31)	L7 AR-1260-1	7.273	6.411	20722709	21224469	354.621	440.072	
32)	L7 AR-1260-2	7.527	6.598	23224835	18297660	298.470	298.476	
33)	L7 AR-1260-3	7.868	6.752	5669134	10139440	90.678	168.551	#
34)	L7 AR-1260-4	8.093	7.226	14783015	1904227	224.064	40.980	#
35)	L7 AR-1260-5	8.430	7.497	5354906	1456838	40.900	13.108	#
36)	L8 AR-1262-1	8.093	6.997	14783015	2682866	187.084	37.780	#
37)	L8 AR-1262-2	8.430	7.226	5354906	1904227	35.017	31.227	
38)	L8 AR-1262-3	8.758	7.753	4188827	564911	39.413	10.802	#
39)	L8 AR-1262-4	8.803f	7.811	1391498	5180885	17.012	56.048	#
40)	L8 AR-1262-5	0.000	8.317	0	358162	N.D.	7.494	#
41)	L9 AR-1268-1	8.758	7.753	4188827	564911	23.722	3.893	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 02:31
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.803f	7.811	1391498	5180885	8.842	39.008 #
43) L9	AR-1268-3	0.000	8.024	0	255690	N.D.	2.248 #
44) L9	AR-1268-4	0.000	8.317	0	358162	N.D.	6.877 #
45) L9	AR-1268-5	0.000	8.620	0	306020	N.D.	0.859 #

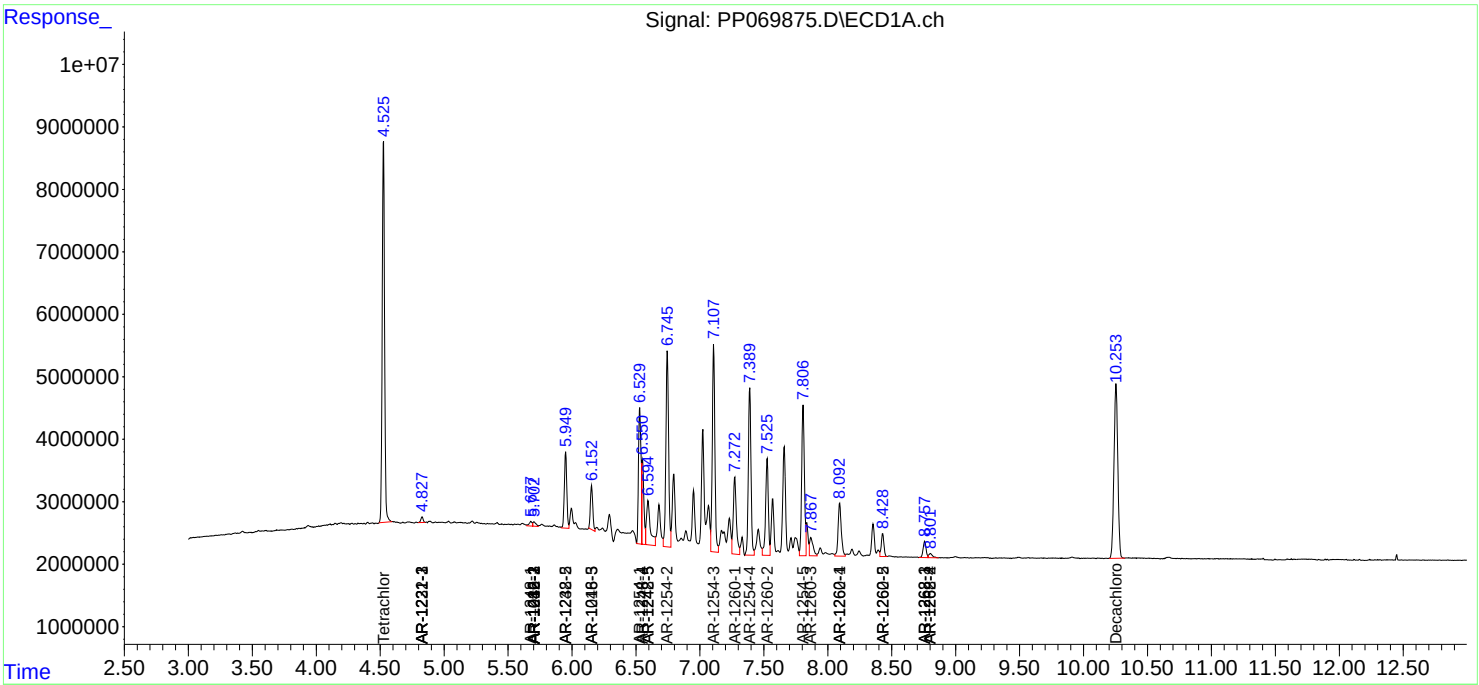
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

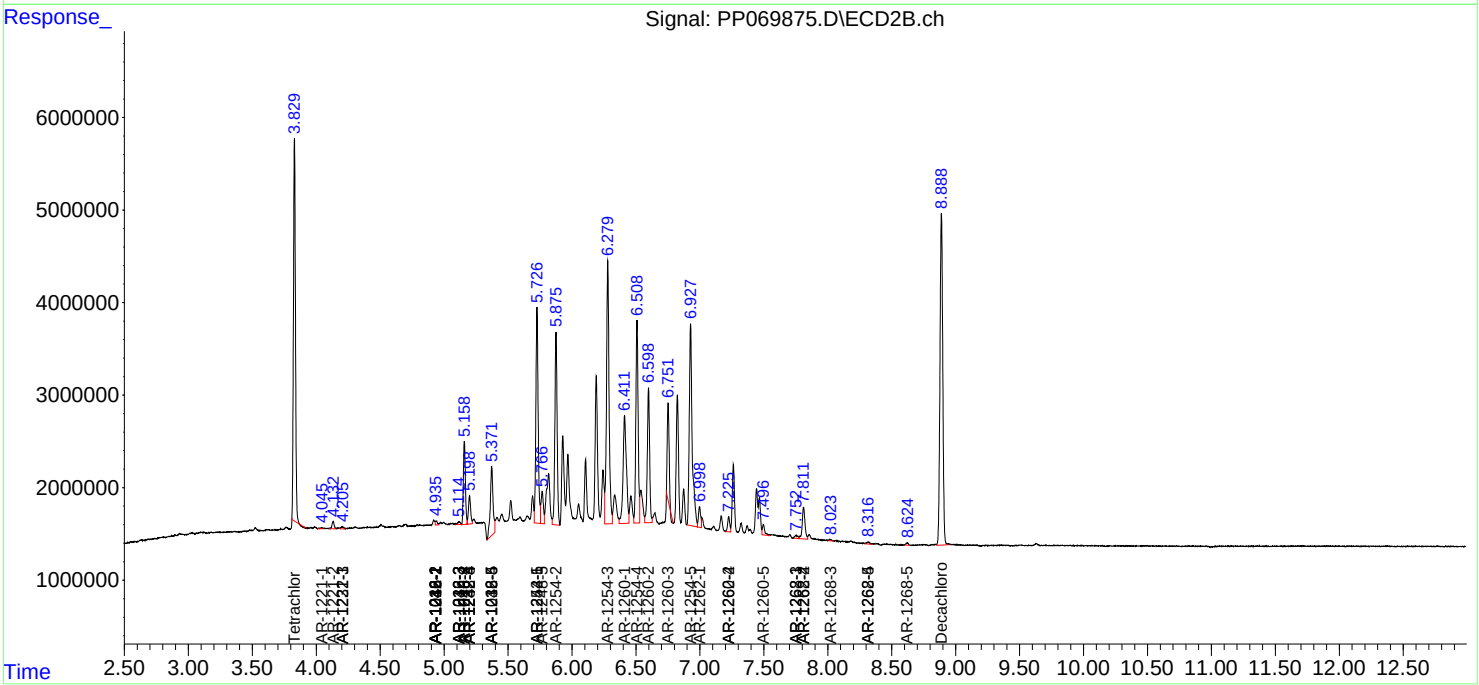
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 02:31
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

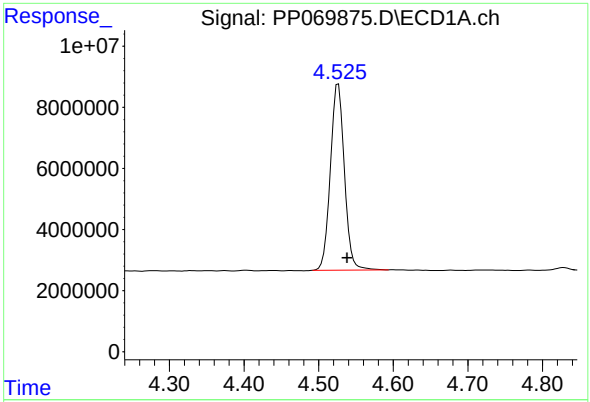
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



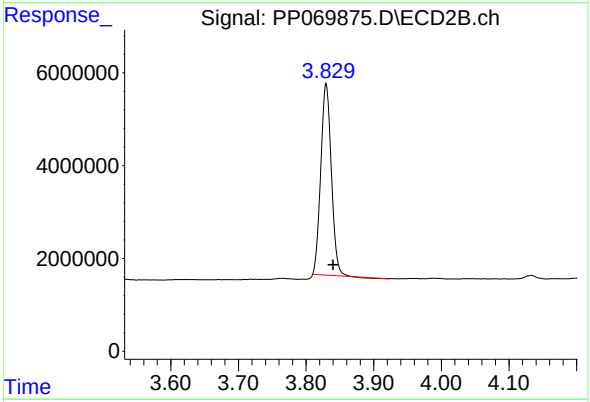




#1 Tetrachloro-m-xylene

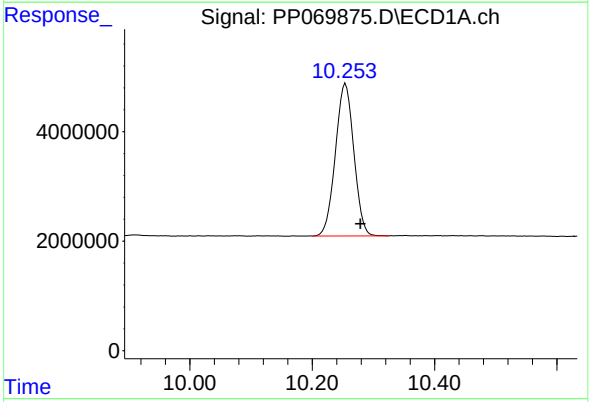
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 79806702
Conc: 55.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



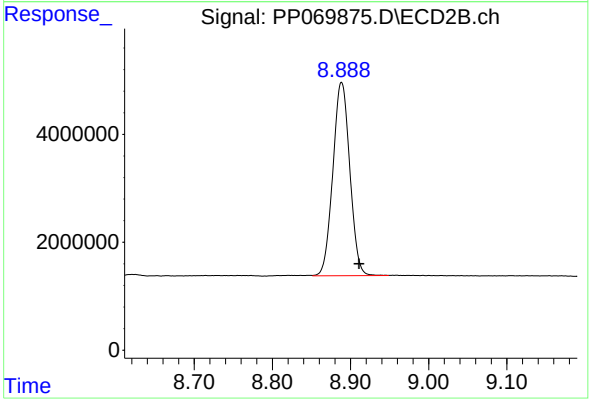
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 44713132
Conc: 50.10 ng/ml



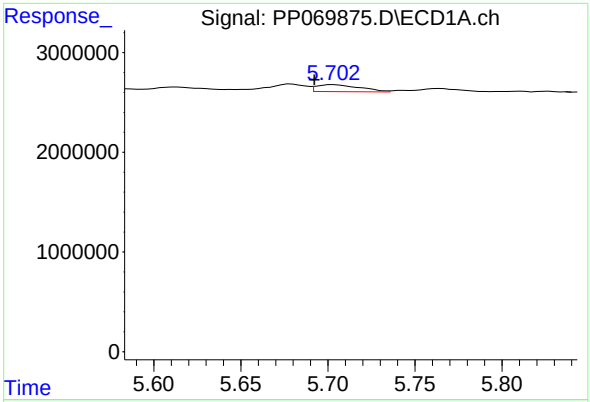
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.024 min
Response: 58167238
Conc: 53.22 ng/ml



#2 Decachlorobiphenyl

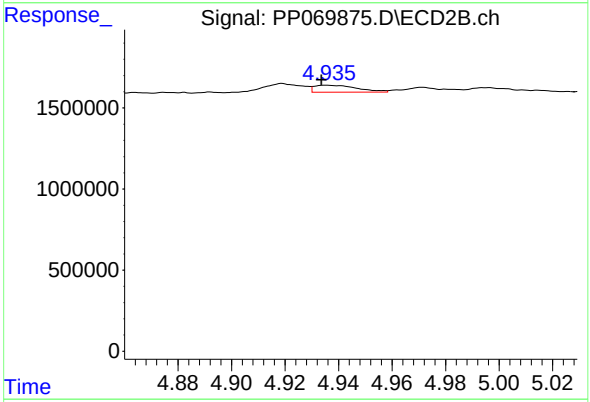
R.T.: 8.889 min
Delta R.T.: -0.023 min
Response: 54025826
Conc: 48.30 ng/ml



#3 AR-1016-1

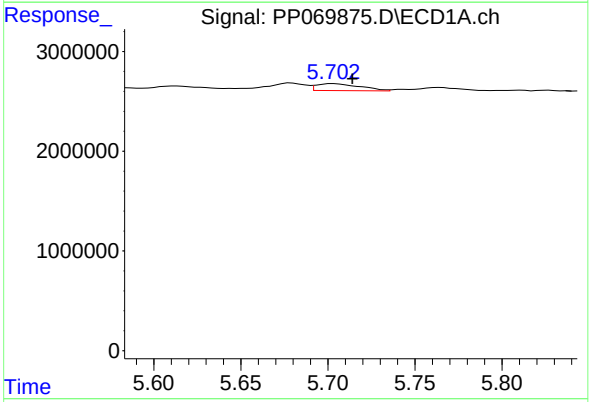
R.T.: 5.703 min
Delta R.T.: 0.011 min
Response: 1209881
Conc: 26.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



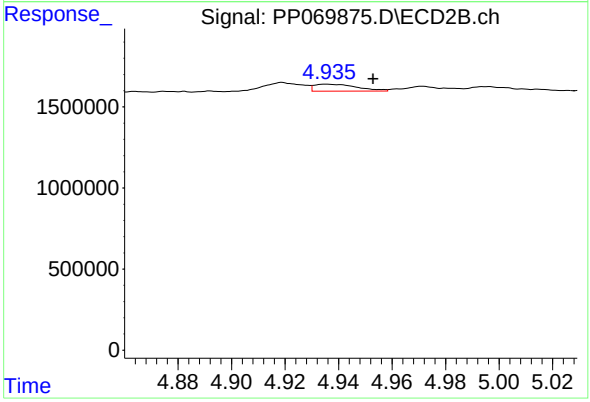
#3 AR-1016-1

R.T.: 4.936 min
Delta R.T.: 0.002 min
Response: 482208
Conc: 14.78 ng/ml



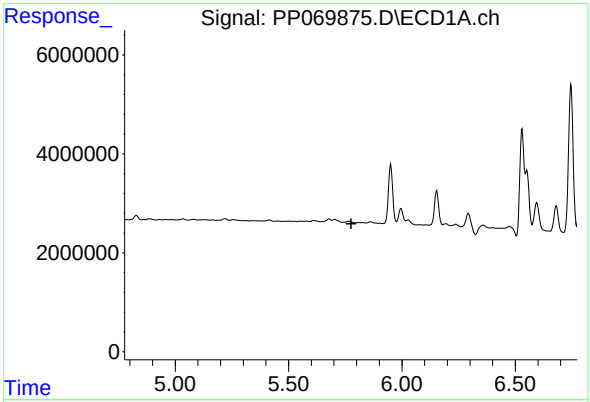
#4 AR-1016-2

R.T.: 5.703 min
Delta R.T.: -0.011 min
Response: 1209881
Conc: 17.82 ng/ml



#4 AR-1016-2

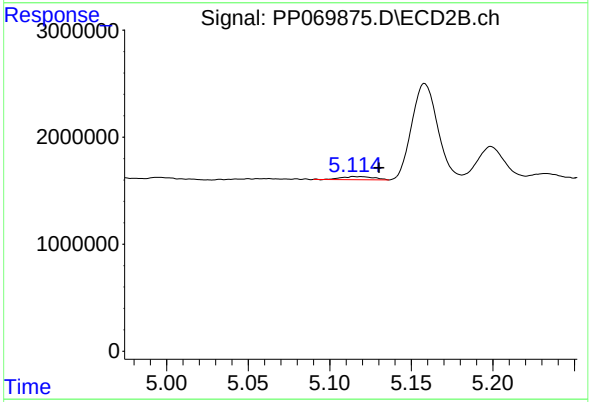
R.T.: 4.936 min
Delta R.T.: -0.017 min
Response: 482208
Conc: 10.73 ng/ml



#5 AR-1016-3

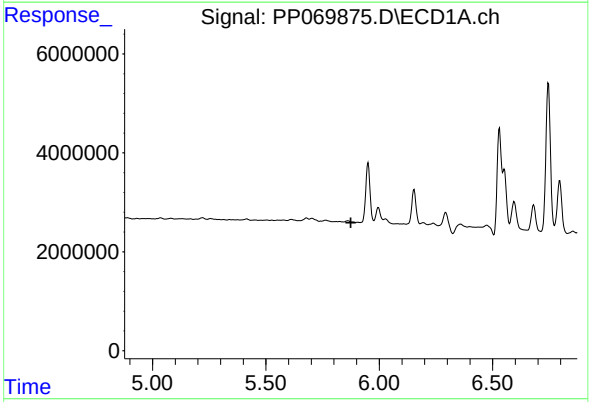
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



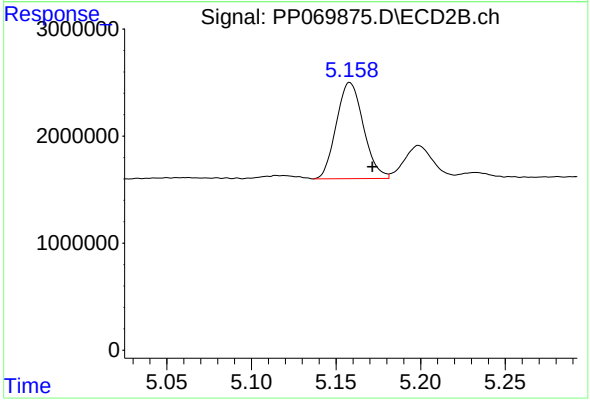
#5 AR-1016-3

R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 408770
Conc: 16.43 ng/ml



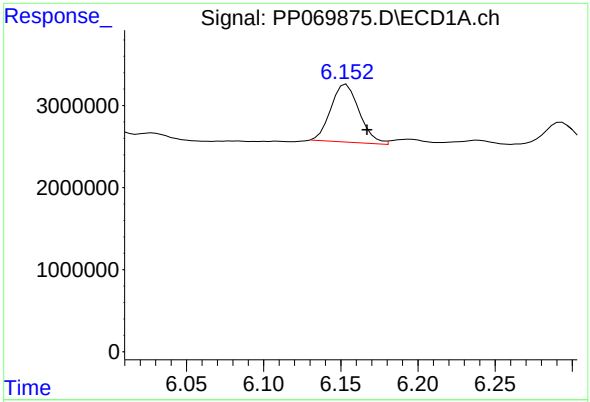
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

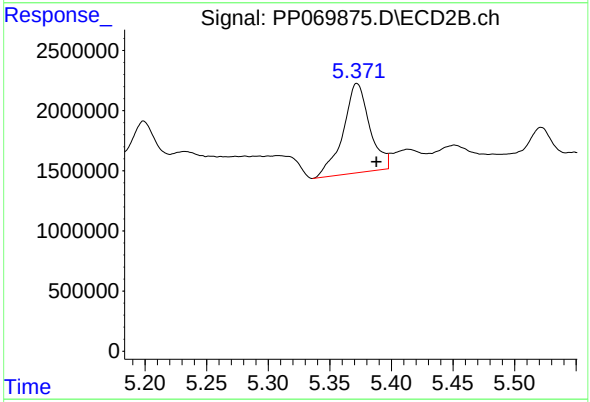
R.T.: 5.158 min
Delta R.T.: -0.013 min
Response: 10018176
Conc: 496.04 ng/ml



#7 AR-1016-5

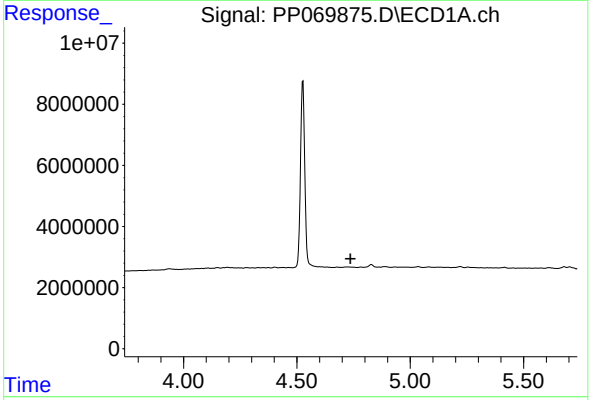
R.T.: 6.154 min
Delta R.T.: -0.014 min
Response: 9053282
Conc: 273.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



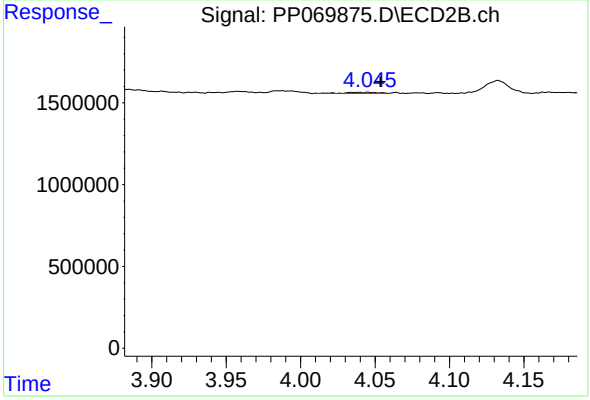
#7 AR-1016-5

R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 11157457
Conc: 415.95 ng/ml



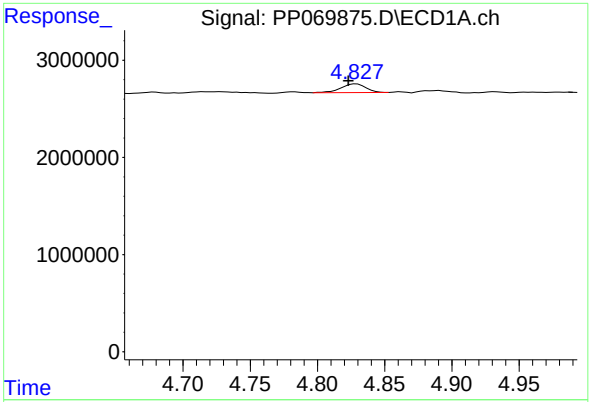
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

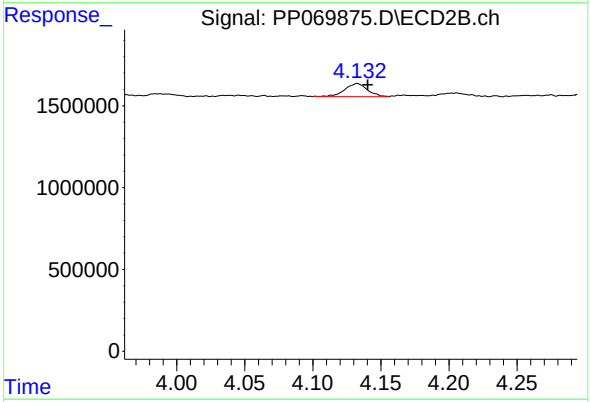
R.T.: 4.046 min
Delta R.T.: -0.008 min
Response: 116631
Conc: 9.47 ng/ml



#9 AR-1221-2

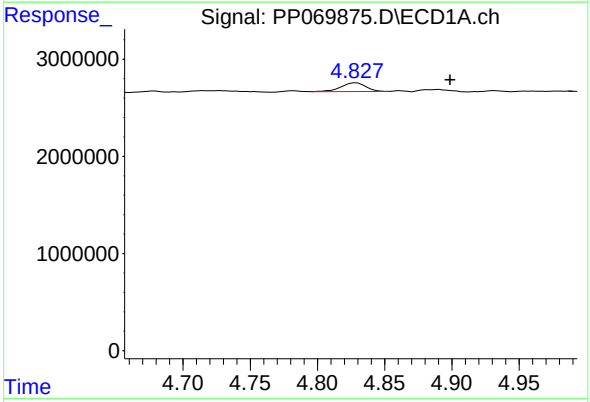
R.T.: 4.829 min
Delta R.T.: 0.006 min
Response: 1142916
Conc: 83.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



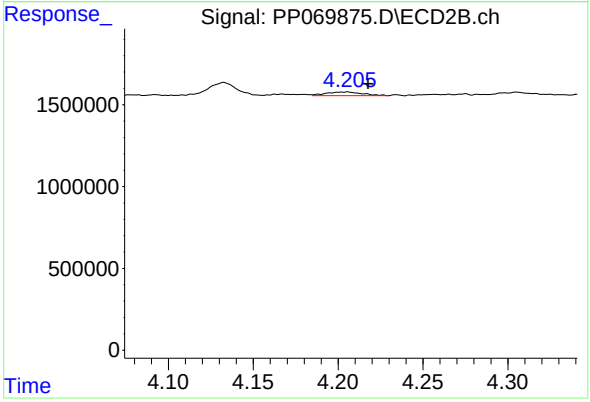
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 925442
Conc: 95.57 ng/ml



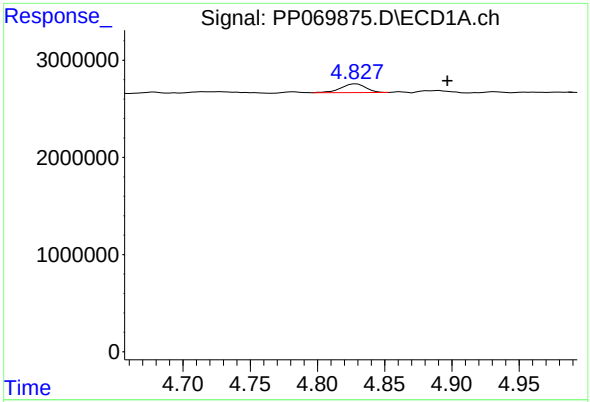
#10 AR-1221-3

R.T.: 4.829 min
Delta R.T.: -0.070 min
Response: 1142916
Conc: 27.25 ng/ml



#10 AR-1221-3

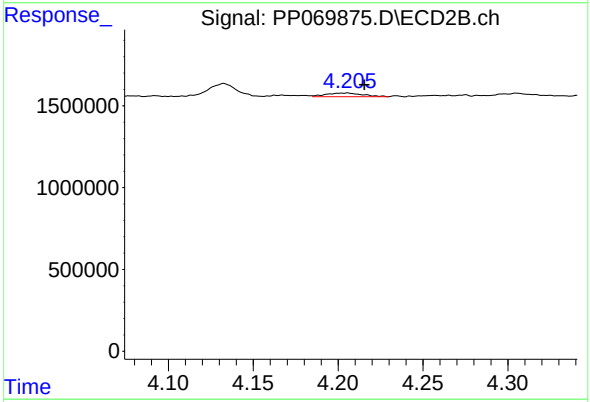
R.T.: 4.205 min
Delta R.T.: -0.012 min
Response: 339224
Conc: 11.63 ng/ml



#11 AR-1232-1

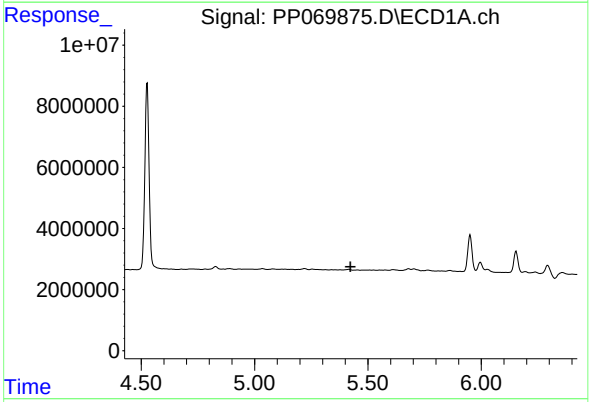
R.T.: 4.829 min
Delta R.T.: -0.068 min
Response: 1142916
Conc: 34.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



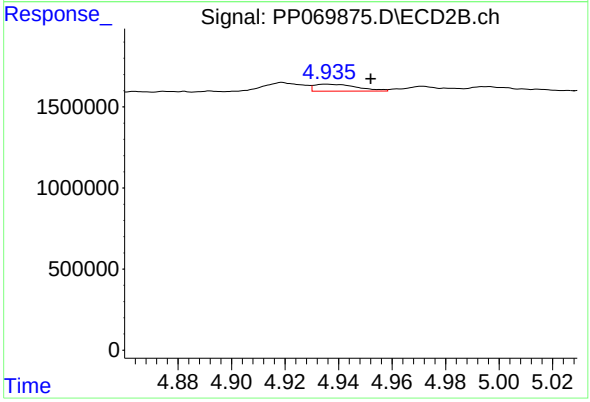
#11 AR-1232-1

R.T.: 4.205 min
Delta R.T.: -0.010 min
Response: 339224
Conc: 14.45 ng/ml



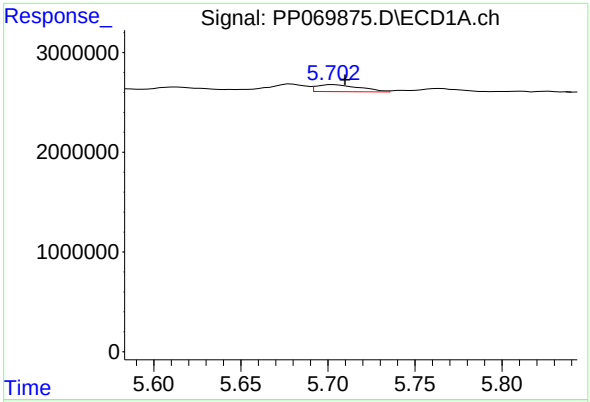
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

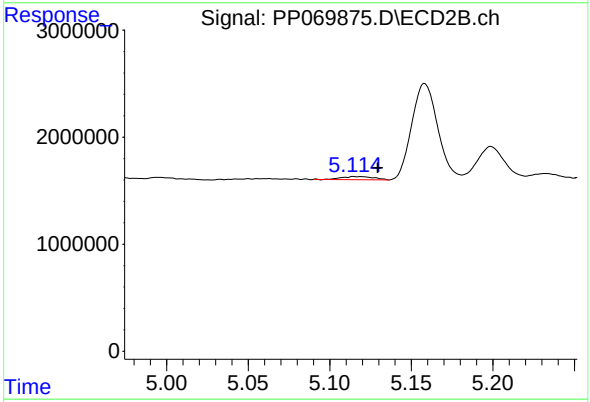
R.T.: 4.936 min
Delta R.T.: -0.016 min
Response: 482208
Conc: 20.46 ng/ml



#13 AR-1232-3

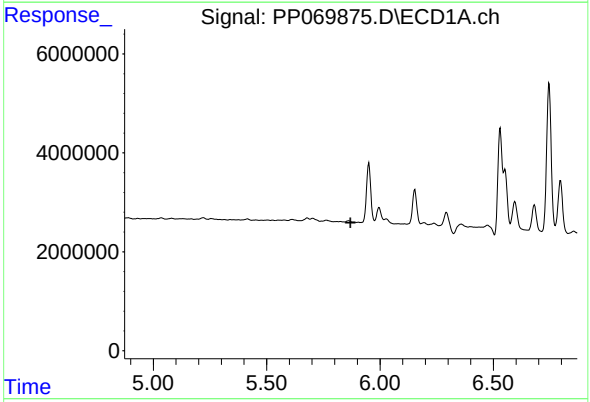
R.T.: 5.703 min
Delta R.T.: -0.007 min
Response: 1209881
Conc: 35.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



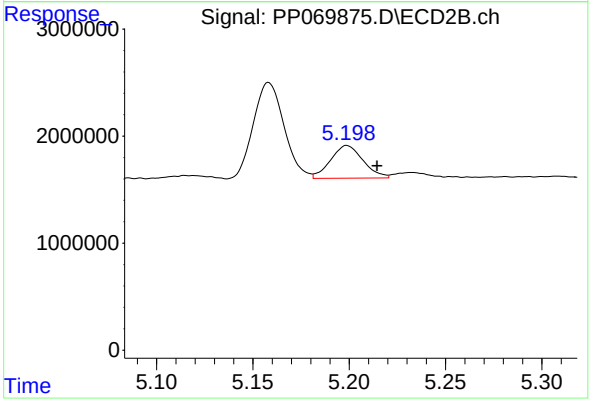
#13 AR-1232-3

R.T.: 5.119 min
Delta R.T.: -0.010 min
Response: 408770
Conc: 31.57 ng/ml



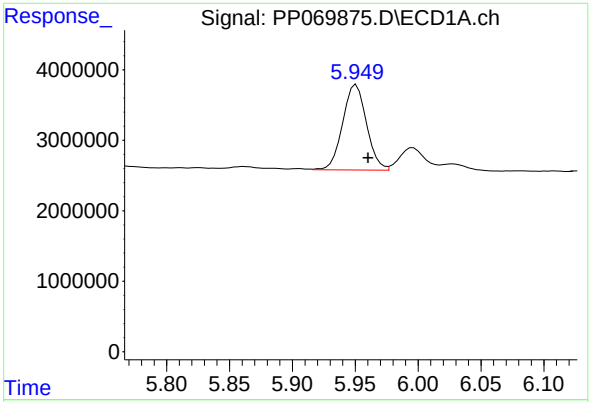
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

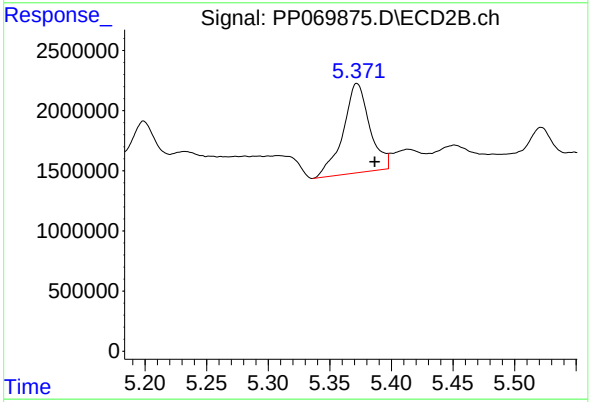
R.T.: 5.199 min
Delta R.T.: -0.016 min
Response: 3583758
Conc: 323.26 ng/ml



#15 AR-1232-5

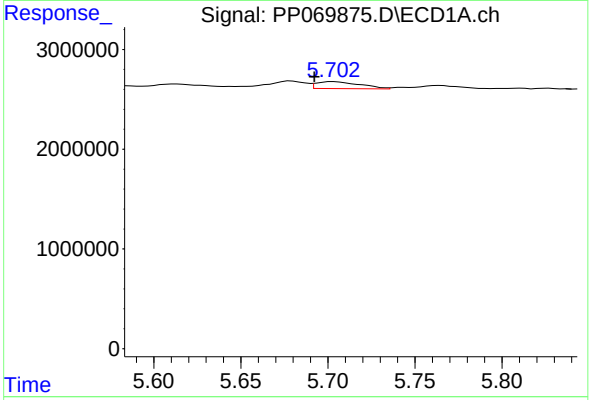
R.T.: 5.951 min
Delta R.T.: -0.010 min
Response: 16006235
Conc: 1396.41 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



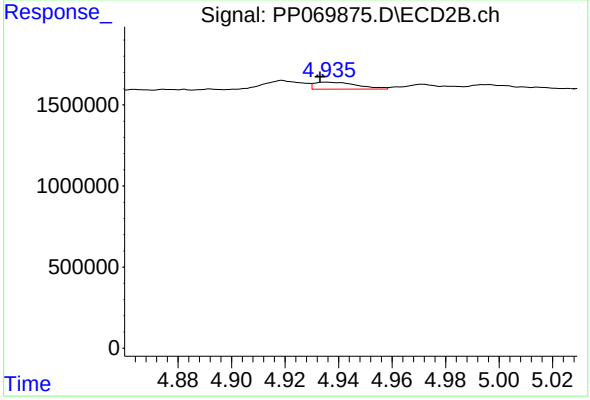
#15 AR-1232-5

R.T.: 5.372 min
Delta R.T.: -0.014 min
Response: 11157457
Conc: 913.77 ng/ml



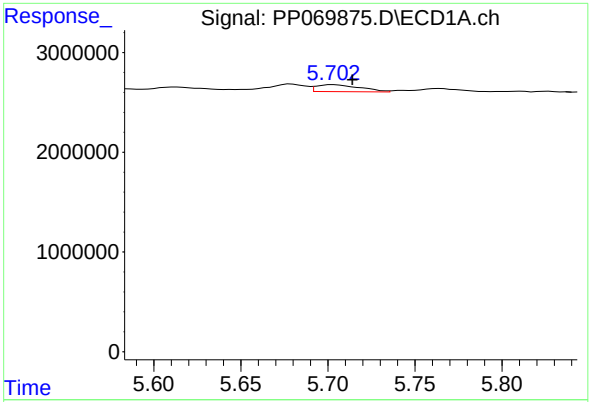
#16 AR-1242-1

R.T.: 5.703 min
Delta R.T.: 0.011 min
Response: 1209881
Conc: 29.01 ng/ml



#16 AR-1242-1

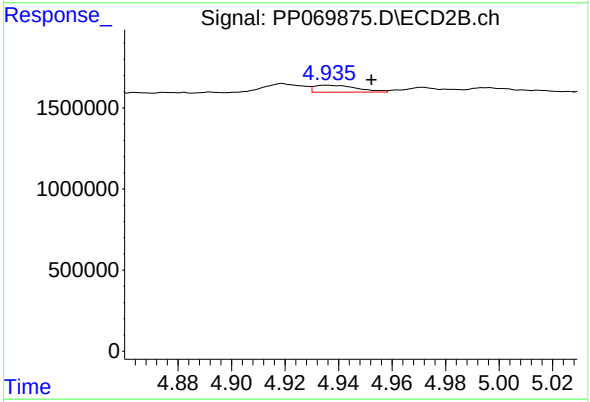
R.T.: 4.936 min
Delta R.T.: 0.003 min
Response: 482208
Conc: 16.72 ng/ml



#17 AR-1242-2

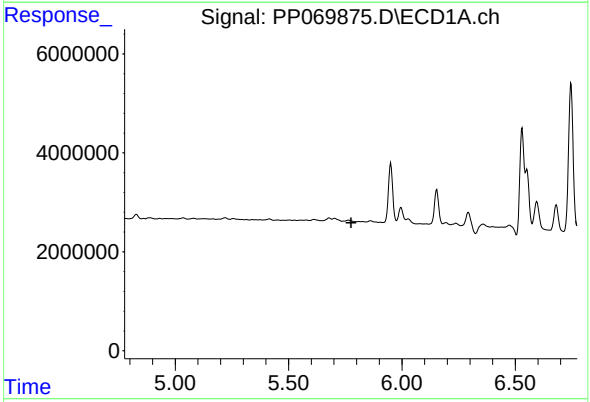
R.T.: 5.703 min
Delta R.T.: -0.011 min
Response: 1209881
Conc: 20.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



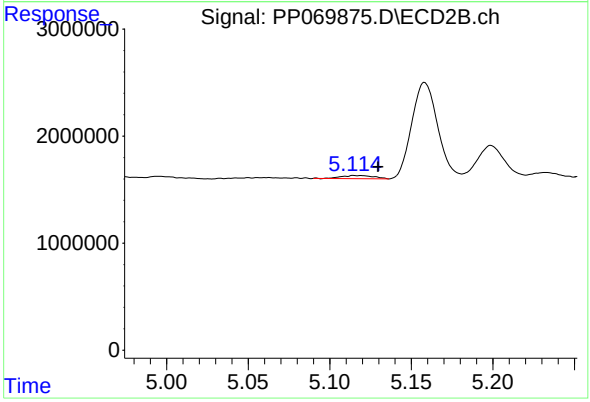
#17 AR-1242-2

R.T.: 4.936 min
Delta R.T.: -0.017 min
Response: 482208
Conc: 12.24 ng/ml



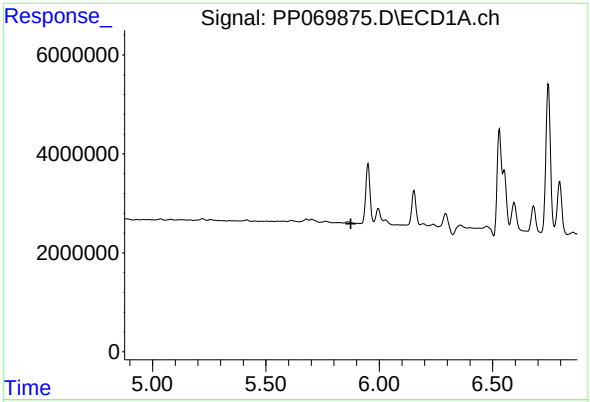
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

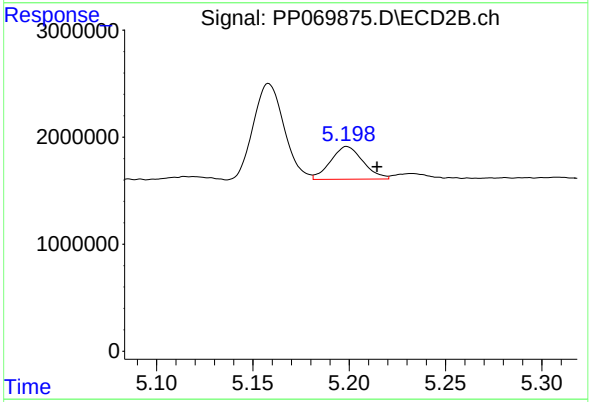
R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 408770
Conc: 18.16 ng/ml



#19 AR-1242-4

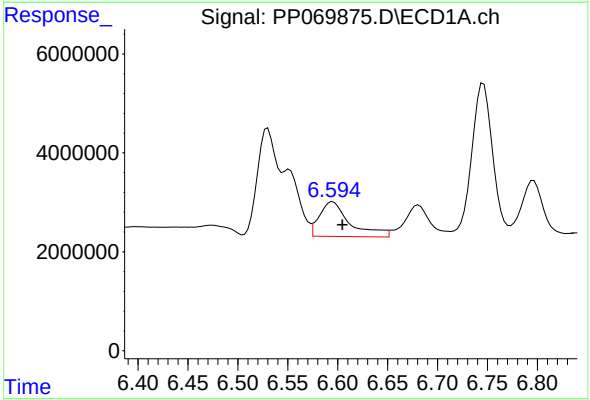
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



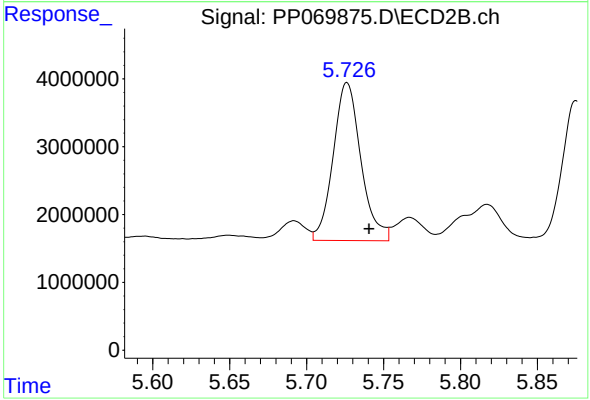
#19 AR-1242-4

R.T.: 5.199 min
Delta R.T.: -0.016 min
Response: 3583758
Conc: 166.05 ng/ml



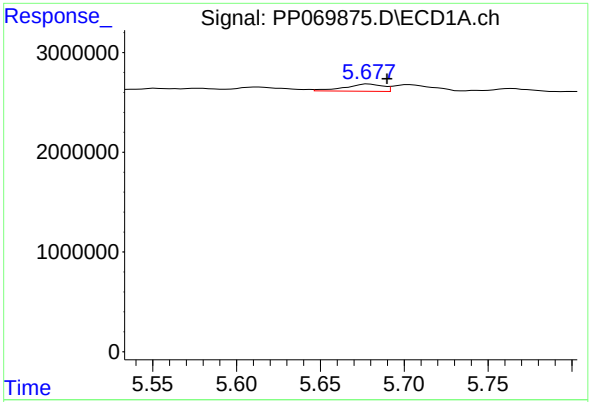
#20 AR-1242-5

R.T.: 6.595 min
Delta R.T.: -0.010 min
Response: 14925725
Conc: 458.06 ng/ml



#20 AR-1242-5

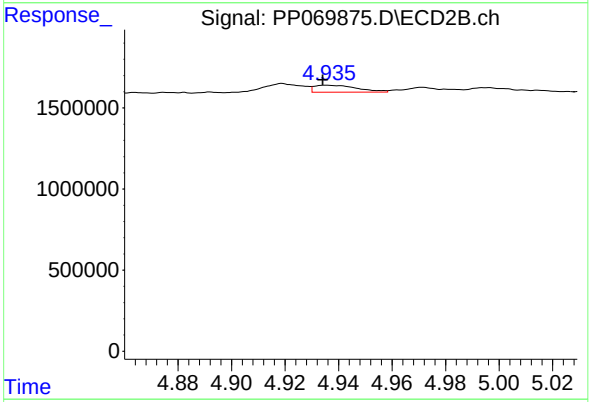
R.T.: 5.726 min
Delta R.T.: -0.014 min
Response: 29132700
Conc: 1012.66 ng/ml



#21 AR-1248-1

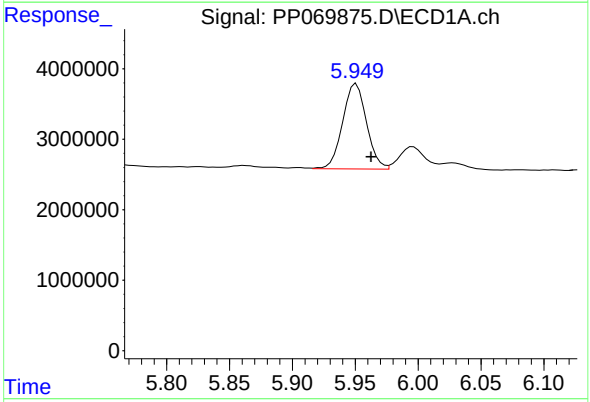
R.T.: 5.679 min
Delta R.T.: -0.011 min
Response: 1144981
Conc: 35.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



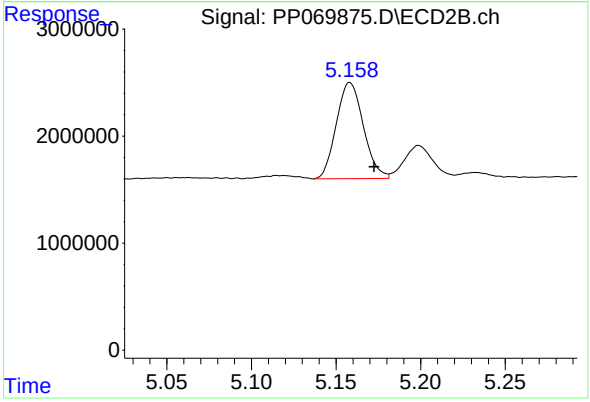
#21 AR-1248-1

R.T.: 4.936 min
Delta R.T.: 0.002 min
Response: 482208
Conc: 21.91 ng/ml



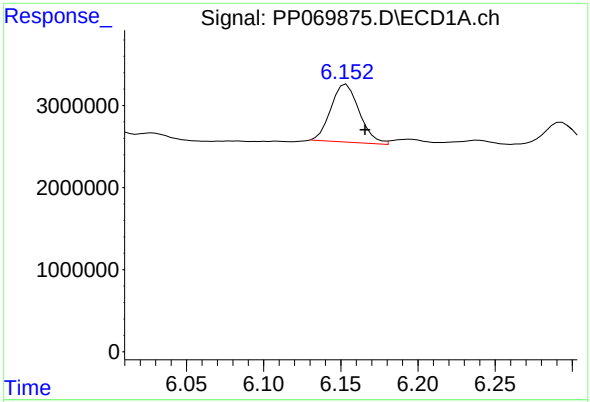
#22 AR-1248-2

R.T.: 5.951 min
Delta R.T.: -0.012 min
Response: 16006235
Conc: 377.09 ng/ml



#22 AR-1248-2

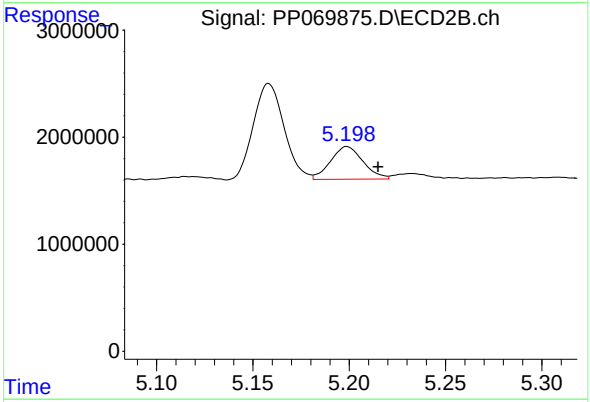
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 10018176
Conc: 333.22 ng/ml



#23 AR-1248-3

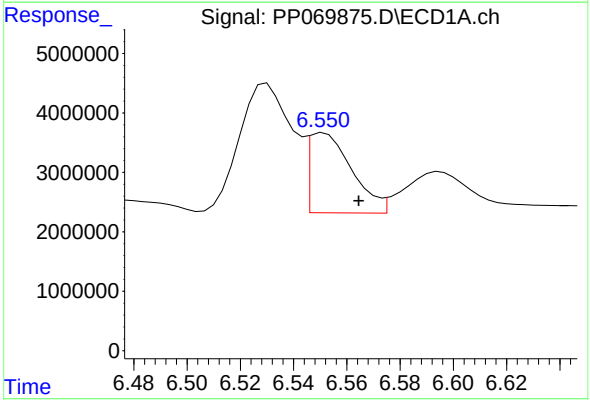
R.T.: 6.154 min
Delta R.T.: -0.012 min
Response: 9053282
Conc: 192.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



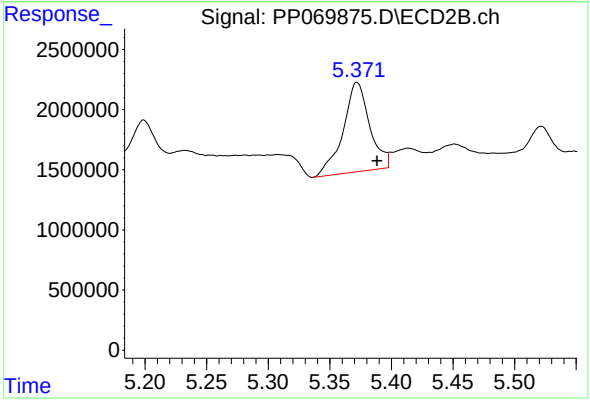
#23 AR-1248-3

R.T.: 5.199 min
Delta R.T.: -0.016 min
Response: 3583758
Conc: 115.66 ng/ml



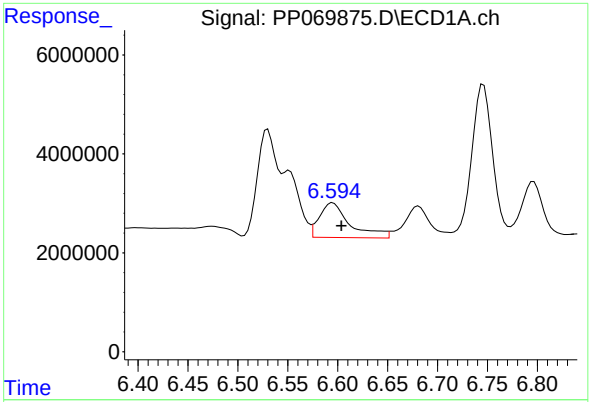
#24 AR-1248-4

R.T.: 6.551 min
Delta R.T.: -0.013 min
Response: 15137372
Conc: 274.62 ng/ml



#24 AR-1248-4

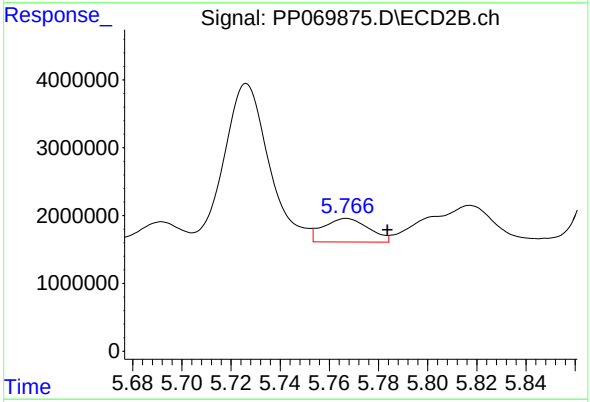
R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 11157457
Conc: 302.01 ng/ml



#25 AR-1248-5

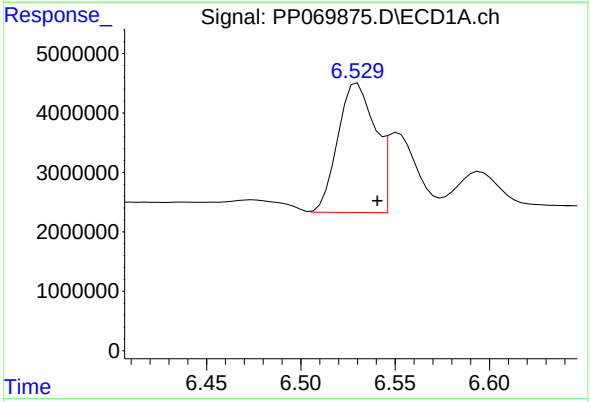
R.T.: 6.595 min
Delta R.T.: -0.009 min
Response: 14925725
Conc: 279.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



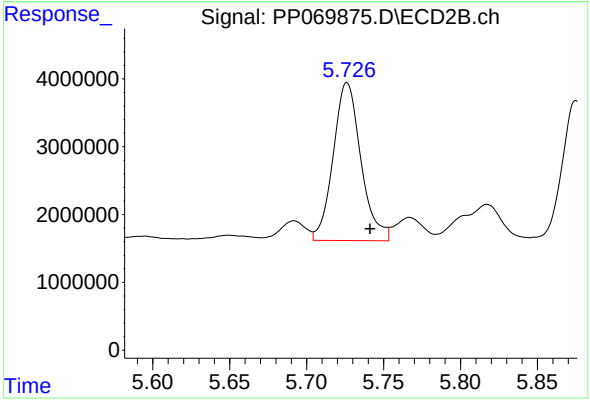
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.017 min
Response: 4464942
Conc: 119.42 ng/ml



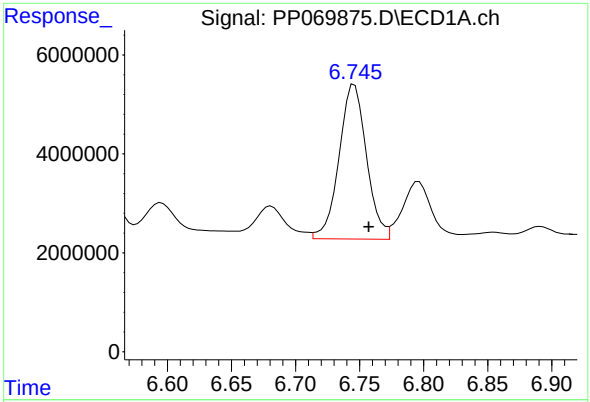
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.011 min
Response: 29905589
Conc: 516.83 ng/ml



#26 AR-1254-1

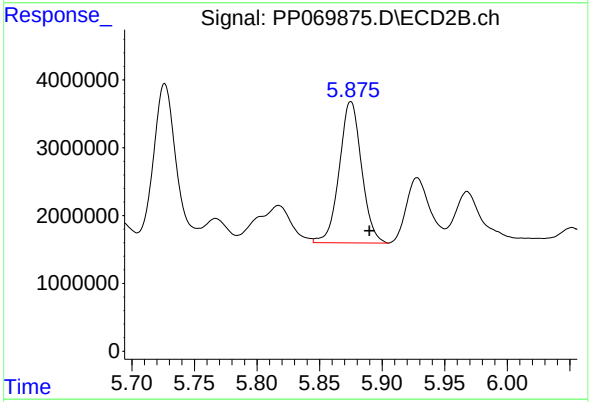
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 29132700
Conc: 529.15 ng/ml



#27 AR-1254-2

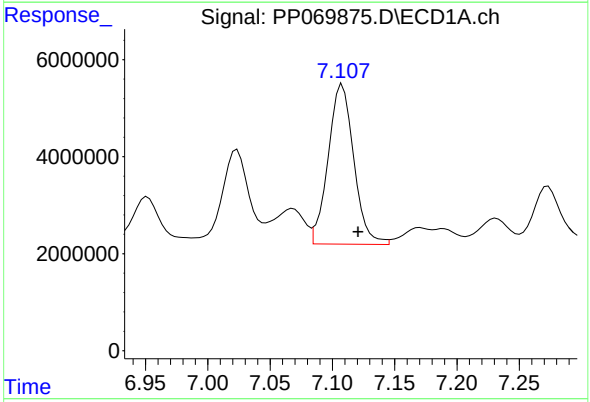
R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 46691292
Conc: 581.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



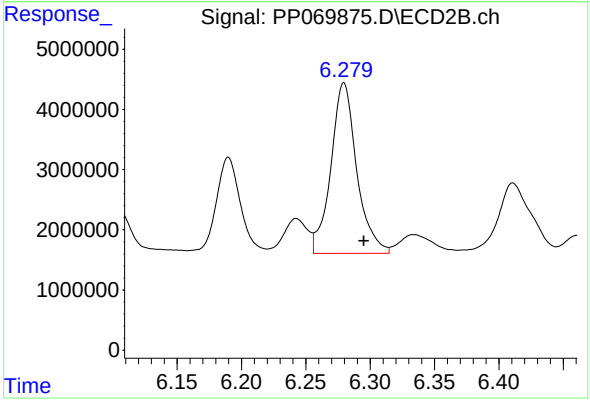
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 25828579
Conc: 533.99 ng/ml



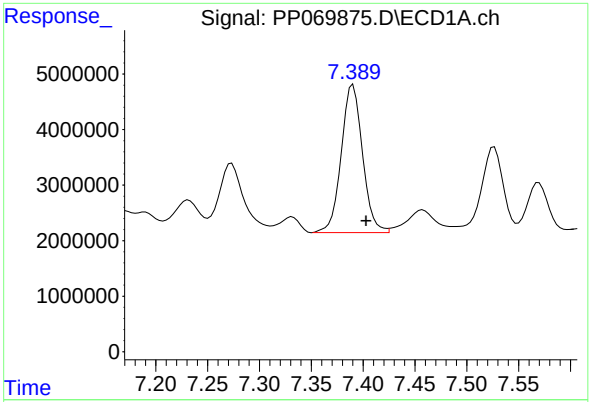
#28 AR-1254-3

R.T.: 7.108 min
Delta R.T.: -0.012 min
Response: 47263049
Conc: 560.73 ng/ml



#28 AR-1254-3

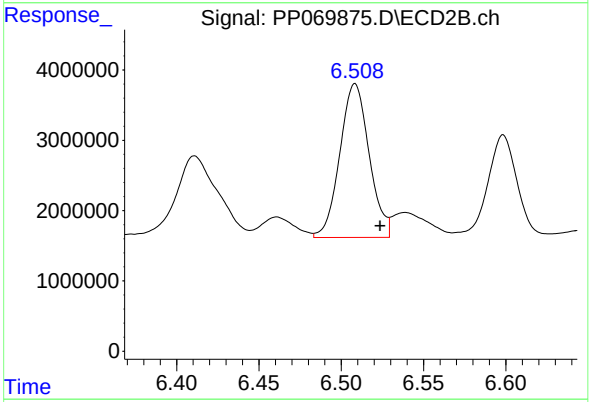
R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 39681374
Conc: 522.84 ng/ml



#29 AR-1254-4

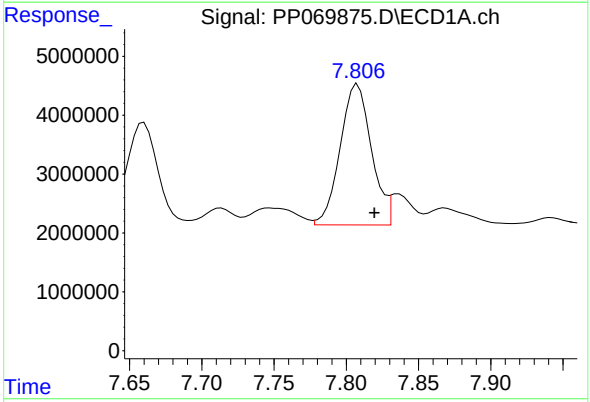
R.T.: 7.390 min
Delta R.T.: -0.012 min
Response: 38012174
Conc: 557.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



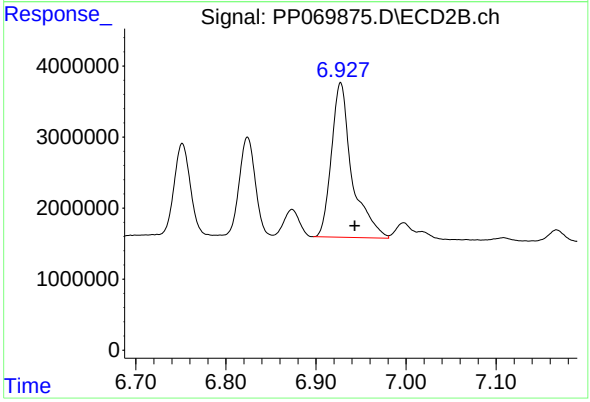
#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 27155531
Conc: 529.87 ng/ml



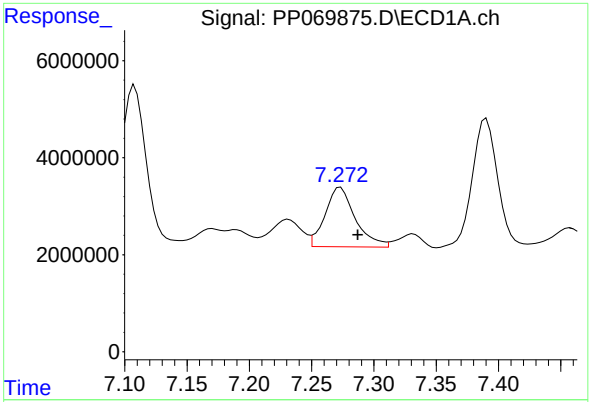
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.012 min
Response: 35963318
Conc: 528.51 ng/ml



#30 AR-1254-5

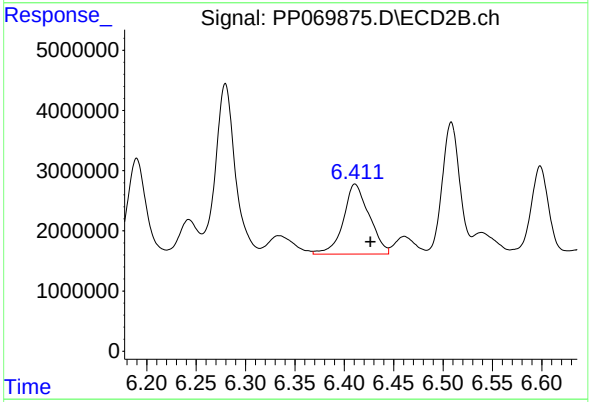
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 34489188
Conc: 518.16 ng/ml



#31 AR-1260-1

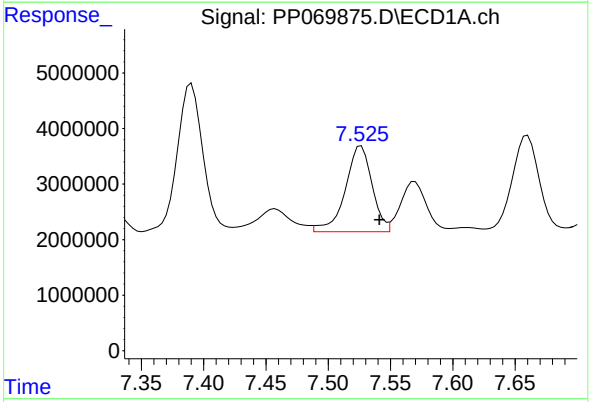
R.T.: 7.273 min
Delta R.T.: -0.014 min
Response: 20722709
Conc: 354.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



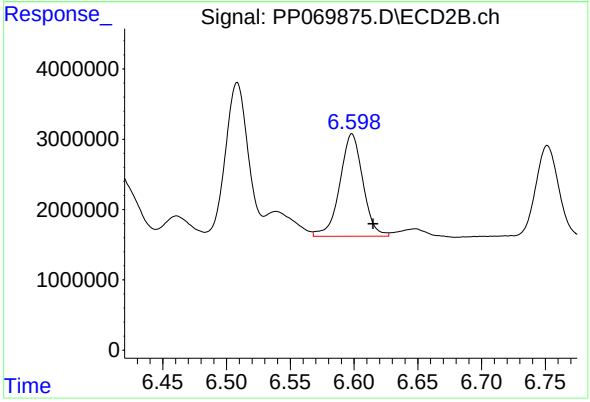
#31 AR-1260-1

R.T.: 6.411 min
Delta R.T.: -0.016 min
Response: 21224469
Conc: 440.07 ng/ml



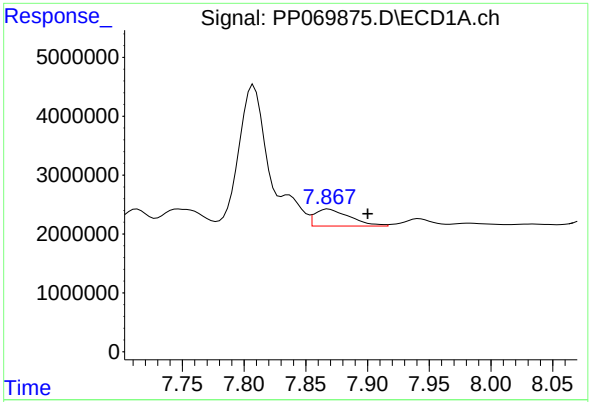
#32 AR-1260-2

R.T.: 7.527 min
Delta R.T.: -0.015 min
Response: 23224835
Conc: 298.47 ng/ml



#32 AR-1260-2

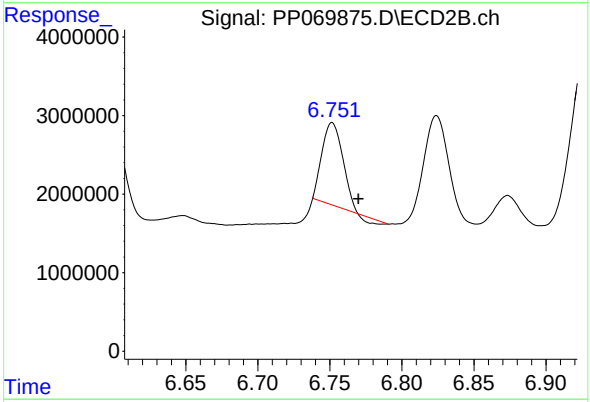
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 18297660
Conc: 298.48 ng/ml



#33 AR-1260-3

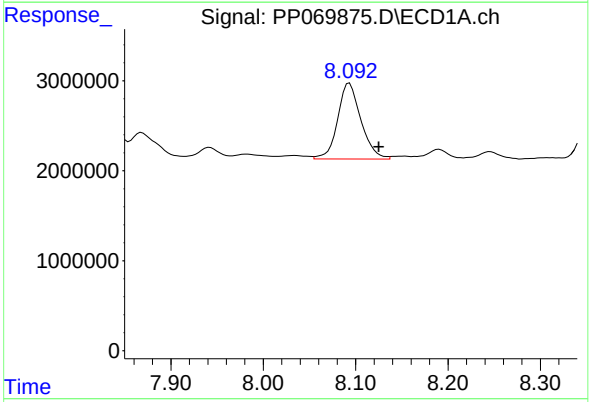
R.T.: 7.868 min
Delta R.T.: -0.032 min
Response: 5669134
Conc: 90.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



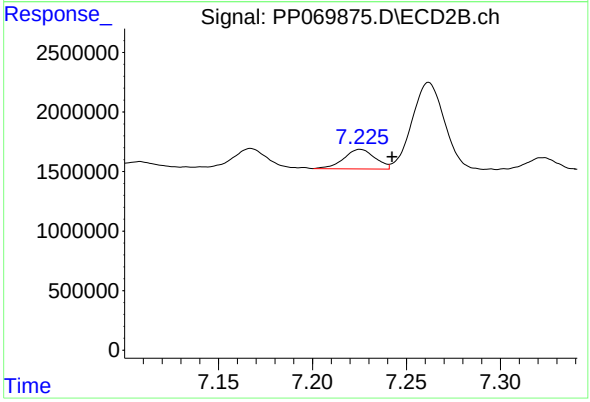
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 10139440
Conc: 168.55 ng/ml



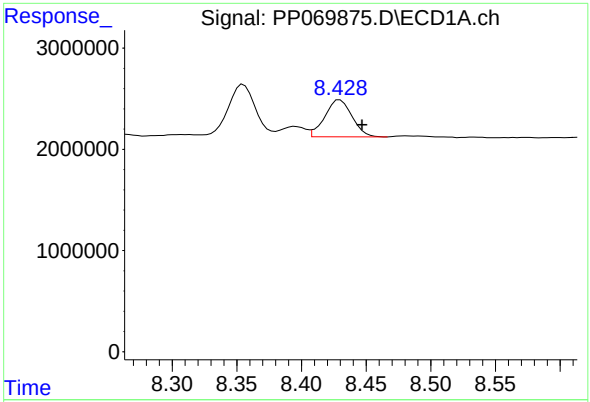
#34 AR-1260-4

R.T.: 8.093 min
Delta R.T.: -0.032 min
Response: 14783015
Conc: 224.06 ng/ml



#34 AR-1260-4

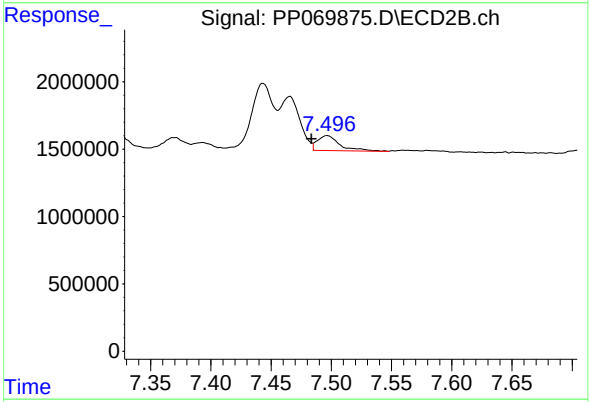
R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 1904227
Conc: 40.98 ng/ml



#35 AR-1260-5

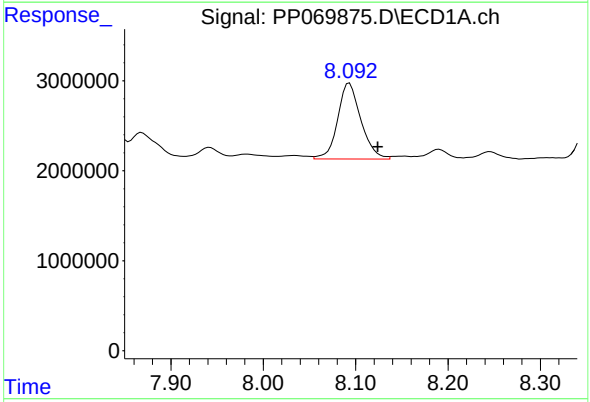
R.T.: 8.430 min
Delta R.T.: -0.017 min
Response: 5354906
Conc: 40.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



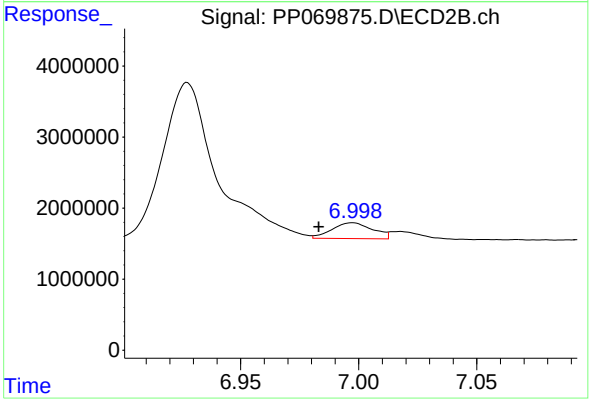
#35 AR-1260-5

R.T.: 7.497 min
Delta R.T.: 0.013 min
Response: 1456838
Conc: 13.11 ng/ml



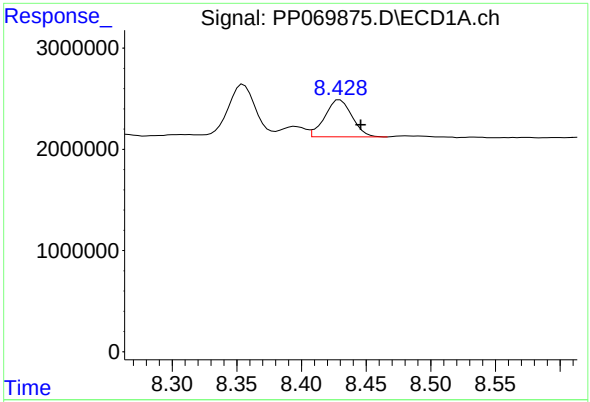
#36 AR-1262-1

R.T.: 8.093 min
Delta R.T.: -0.031 min
Response: 14783015
Conc: 187.08 ng/ml



#36 AR-1262-1

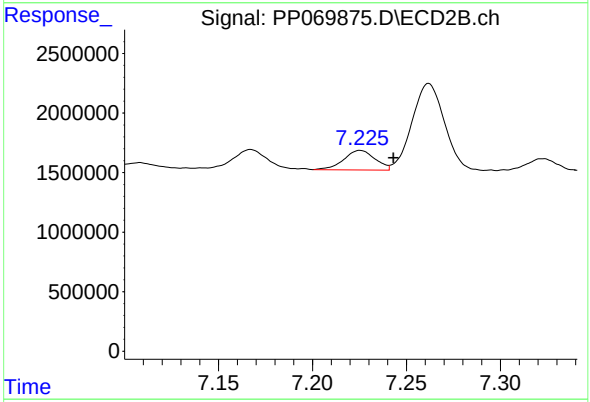
R.T.: 6.997 min
Delta R.T.: 0.014 min
Response: 2682866
Conc: 37.78 ng/ml



#37 AR-1262-2

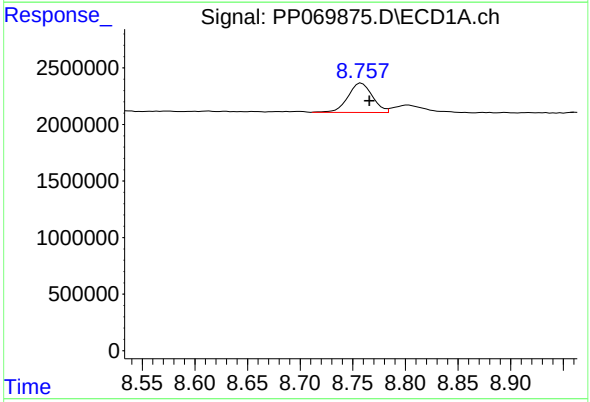
R.T.: 8.430 min
Delta R.T.: -0.016 min
Response: 5354906
Conc: 35.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



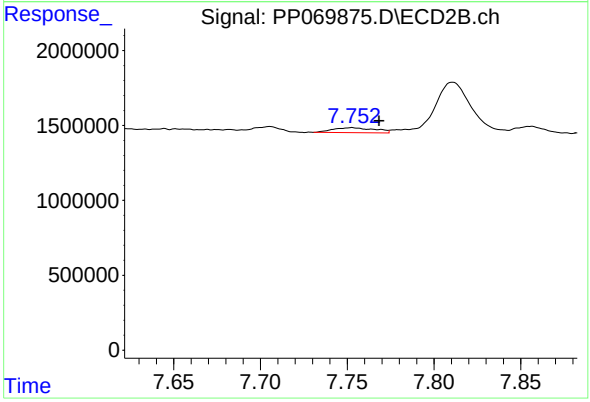
#37 AR-1262-2

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 1904227
Conc: 31.23 ng/ml



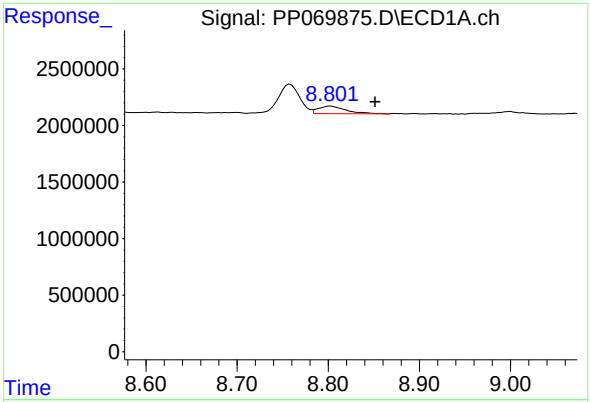
#38 AR-1262-3

R.T.: 8.758 min
Delta R.T.: -0.007 min
Response: 4188827
Conc: 39.41 ng/ml



#38 AR-1262-3

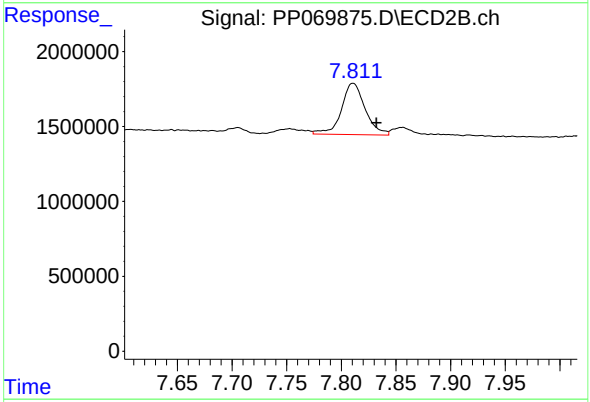
R.T.: 7.753 min
Delta R.T.: -0.016 min
Response: 564911
Conc: 10.80 ng/ml



#39 AR-1262-4

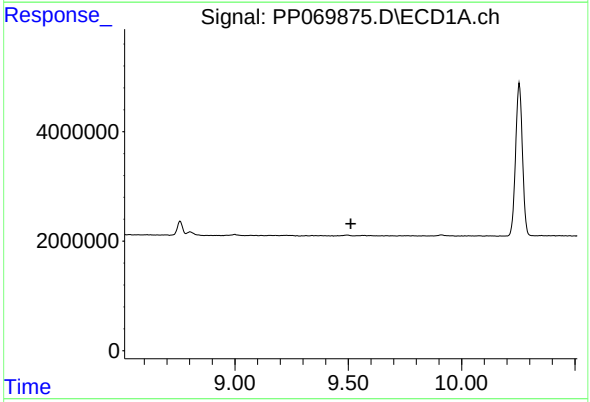
R.T.: 8.803 min
Delta R.T.: -0.049 min
Response: 1391498
Conc: 17.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



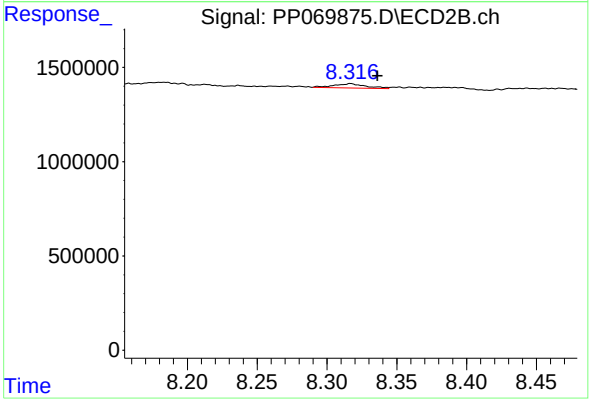
#39 AR-1262-4

R.T.: 7.811 min
Delta R.T.: -0.021 min
Response: 5180885
Conc: 56.05 ng/ml



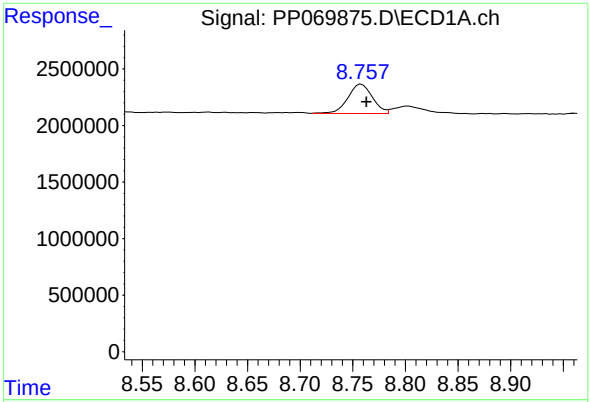
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

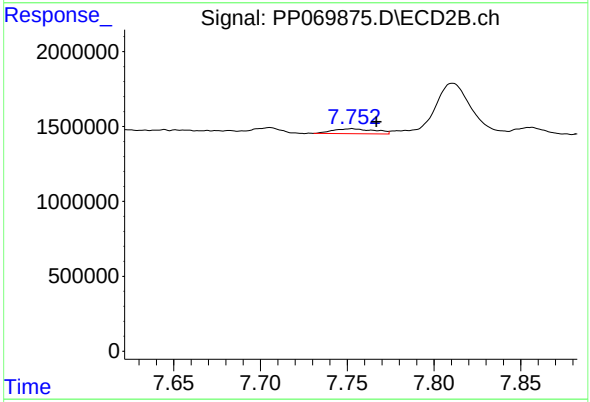
R.T.: 8.317 min
Delta R.T.: -0.019 min
Response: 358162
Conc: 7.49 ng/ml



#41 AR-1268-1

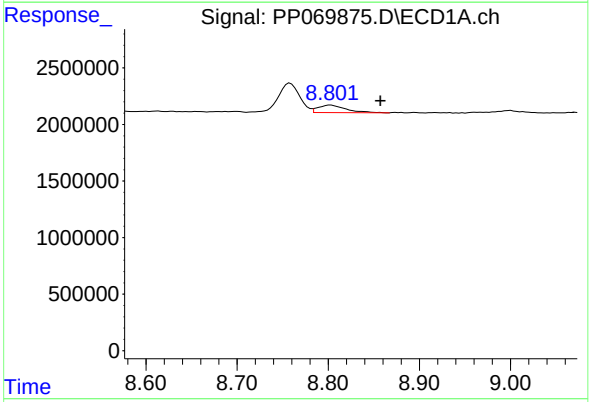
R.T.: 8.758 min
Delta R.T.: -0.005 min
Response: 4188827
Conc: 23.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



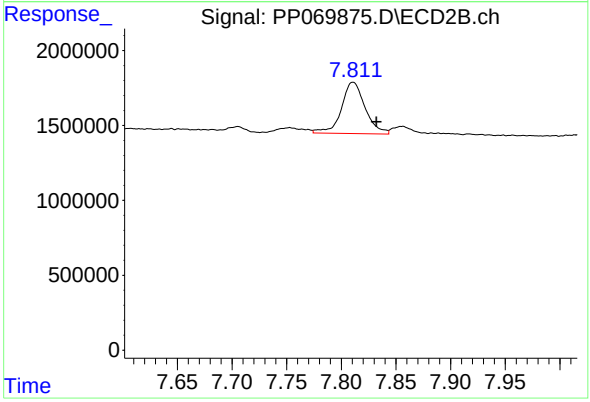
#41 AR-1268-1

R.T.: 7.753 min
Delta R.T.: -0.014 min
Response: 564911
Conc: 3.89 ng/ml



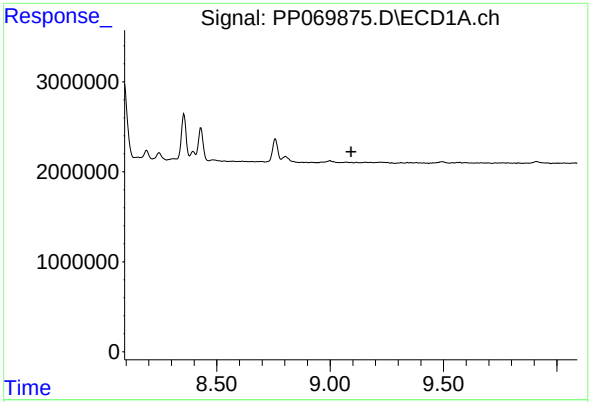
#42 AR-1268-2

R.T.: 8.803 min
Delta R.T.: -0.054 min
Response: 1391498
Conc: 8.84 ng/ml



#42 AR-1268-2

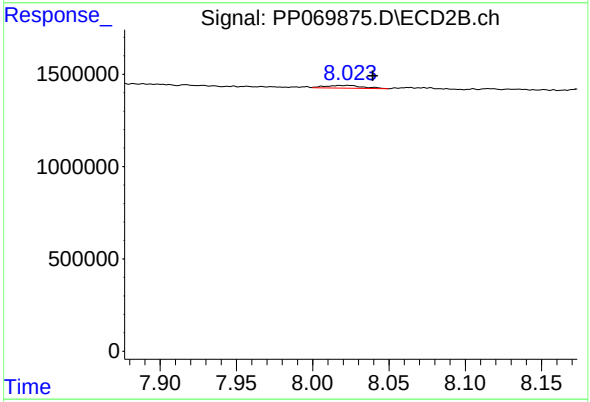
R.T.: 7.811 min
Delta R.T.: -0.021 min
Response: 5180885
Conc: 39.01 ng/ml



#43 AR-1268-3

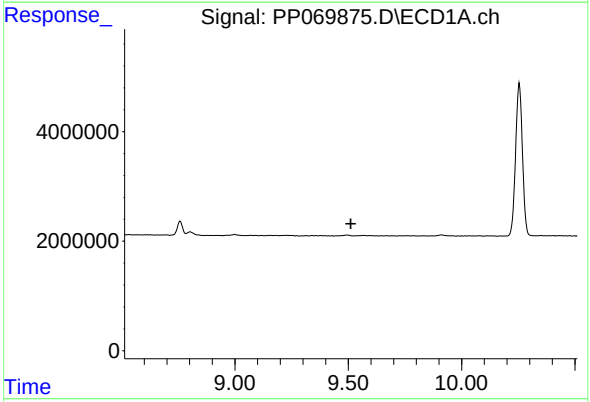
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



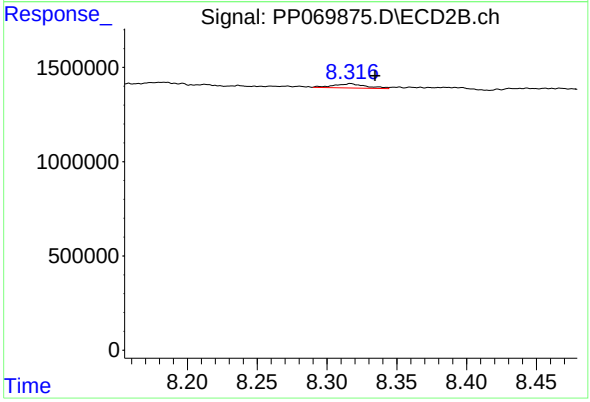
#43 AR-1268-3

R.T.: 8.024 min
Delta R.T.: -0.016 min
Response: 255690
Conc: 2.25 ng/ml



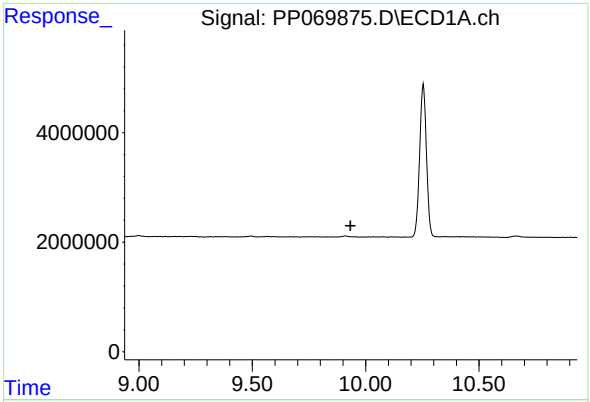
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

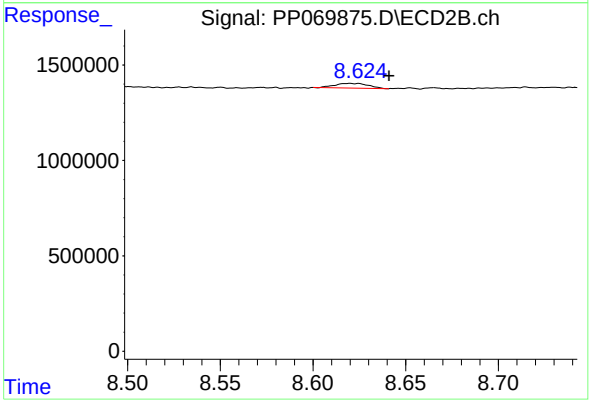
R.T.: 8.317 min
Delta R.T.: -0.018 min
Response: 358162
Conc: 6.88 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 8.620 min
Delta R.T.: -0.021 min
Response: 306020
Conc: 0.86 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 02:47
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:39:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.528	3.830	33330073	19363800	23.284	21.695	
2)	SA Decachlor...	10.256	8.890	24757589	25259689	22.653	22.584	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.945	0	113729	N.D.	3.487	#
4)	L1 AR-1016-2	0.000	4.945	0	113729	N.D.	2.530	#
5)	L1 AR-1016-3	0.000	5.125	0	721798	N.D.	29.007	#
6)	L1 AR-1016-4	0.000	5.178	0	1009301	N.D.	49.975	#
7)	L1 AR-1016-5	0.000	5.388	0	559058	N.D.	20.842	#
8)	L2 AR-1221-1	0.000	4.046	0	73275	N.D.	5.949	#
9)	L2 AR-1221-2	4.828	4.134	649947	484666	47.467	50.051	
10)	L2 AR-1221-3	0.000	4.221	0	33869	N.D.	1.161	#
11)	L3 AR-1232-1	4.828f	4.221	649947	33869	19.522	1.442	#
12)	L3 AR-1232-2	0.000	4.945	0	113729	N.D.	4.825	#
13)	L3 AR-1232-3	0.000	5.125	0	721798	N.D.	55.749	#
14)	L3 AR-1232-4	0.000	5.204	0	354610	N.D.	31.986	#
15)	L3 AR-1232-5	6.027f	5.388	721237	559058	62.922	45.786	#
16)	L4 AR-1242-1	0.000	4.945	0	113729	N.D.	3.945	#
17)	L4 AR-1242-2	0.000	4.945	0	113729	N.D.	2.887	#
18)	L4 AR-1242-3	0.000	5.125	0	721798	N.D.	32.074	#
19)	L4 AR-1242-4	0.000	5.204	0	354610	N.D.	16.431	#
20)	L4 AR-1242-5	6.599	5.752	4549554	2777253	139.624	96.538	#
21)	L5 AR-1248-1	0.000	4.945	0	113729	N.D.	5.167	#
22)	L5 AR-1248-2	6.027f	5.178	721237	1009301	16.992	33.571	#
23)	L5 AR-1248-3	0.000	5.204	0	354610	N.D.	11.445	#
24)	L5 AR-1248-4	6.570	5.388	2016688	559058	36.586	15.133	#
25)	L5 AR-1248-5	6.599	5.779	4549554	357232	85.224	9.554	#
26)	L6 AR-1254-1	6.531	5.752	4019684	2777253	69.468	50.444	#
27)	L6 AR-1254-2	0.000	5.869	0	2462575	N.D.	50.912	#
28)	L6 AR-1254-3	7.106	6.273	5291739	2568879	62.781	33.847	#
29)	L6 AR-1254-4	7.400	6.526	2078892	430880	30.488	8.407	#
31)	L7 AR-1260-1	7.325f	6.398	3054753	532910	52.275	11.049	#
32)	L7 AR-1260-2	7.535	6.613	1020870	224809	13.120	3.667	#
33)	L7 AR-1260-3	0.000	6.759	0	511548	N.D.	8.504	#
36)	L8 AR-1262-1	0.000	7.041f	0	31239	N.D.	0.440	#
38)	L8 AR-1262-3	0.000	7.764	0	1142091	N.D.	21.838	#
39)	L8 AR-1262-4	0.000	7.810	0	264899	N.D.	2.866	#
40)	L8 AR-1262-5	0.000	8.398f	0	247334	N.D.	5.175	#
41)	L9 AR-1268-1	0.000	7.764	0	1142091	N.D.	7.870	#
42)	L9 AR-1268-2	0.000	7.810	0	264899	N.D.	1.994	#
43)	L9 AR-1268-3	0.000	8.046	0	173261	N.D.	1.523	#
44)	L9 AR-1268-4	0.000	8.398f	0	247334	N.D.	4.749	#
45)	L9 AR-1268-5	0.000	8.621	0	138525	N.D.	0.389	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 02:47
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:39:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

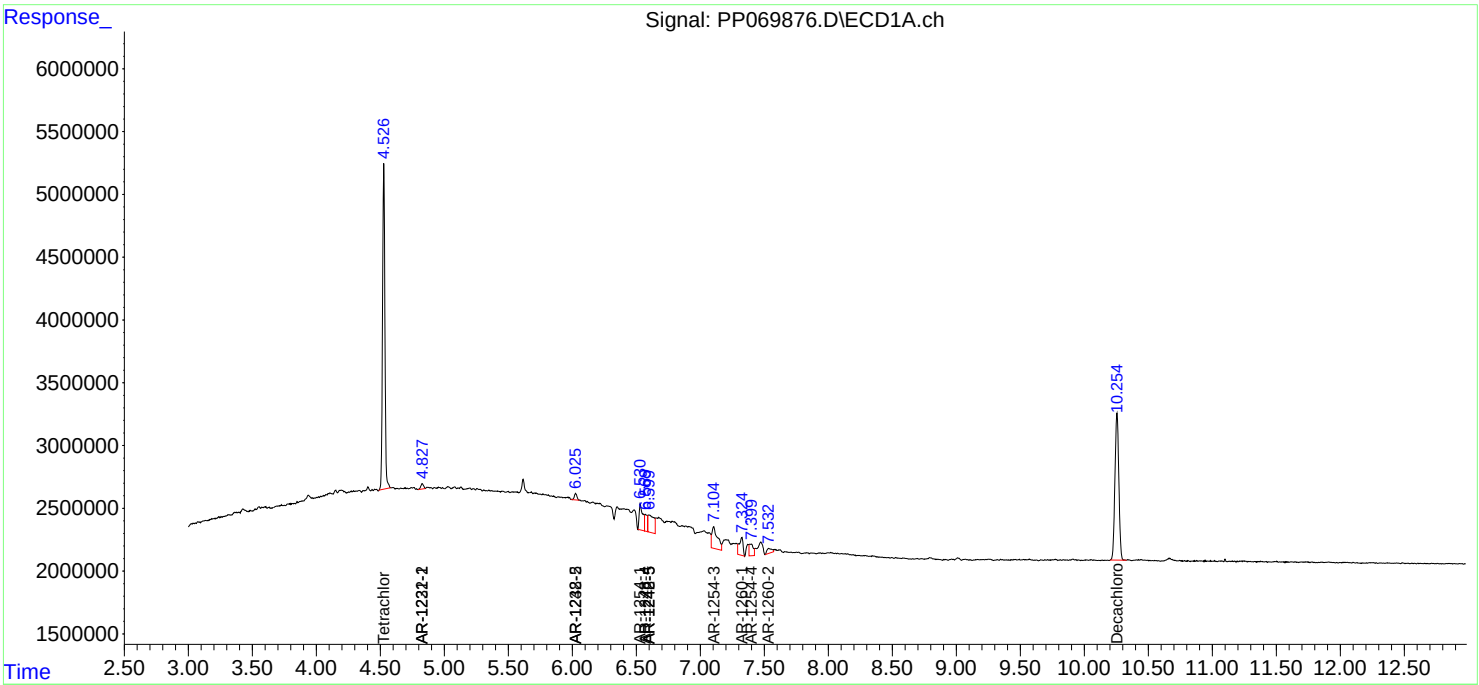
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

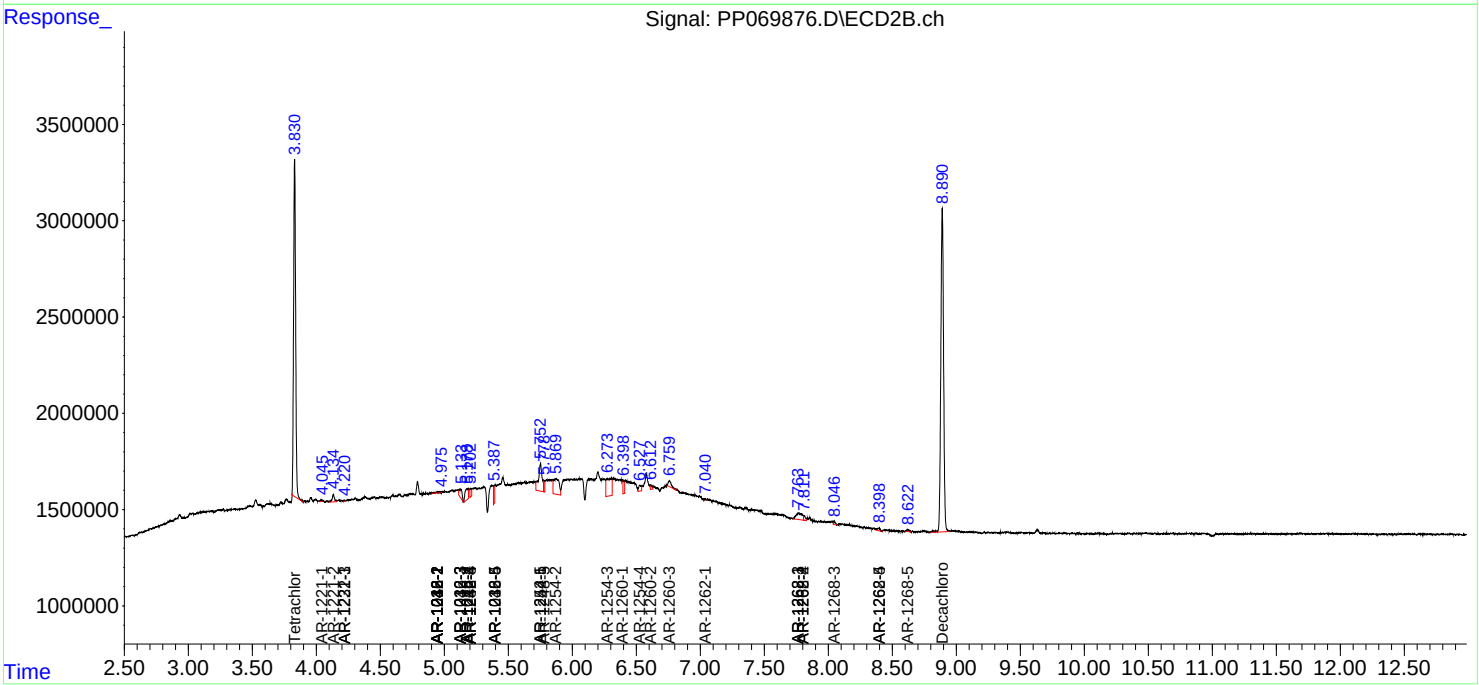
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 02:47
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

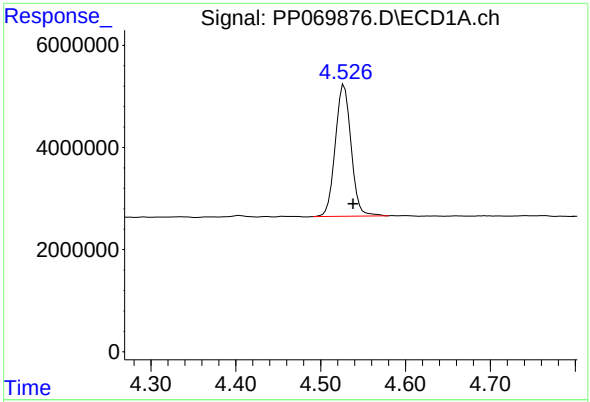
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:39:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



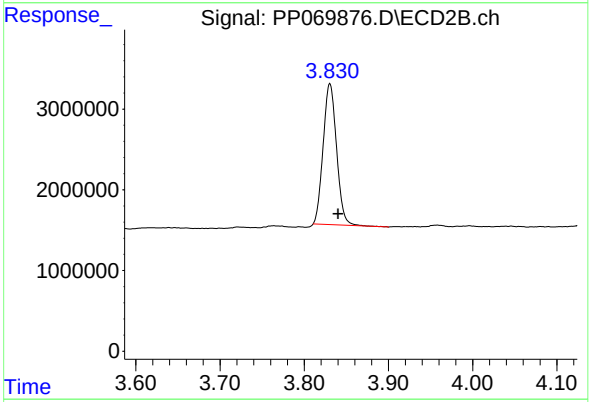




#1 Tetrachloro-m-xylene

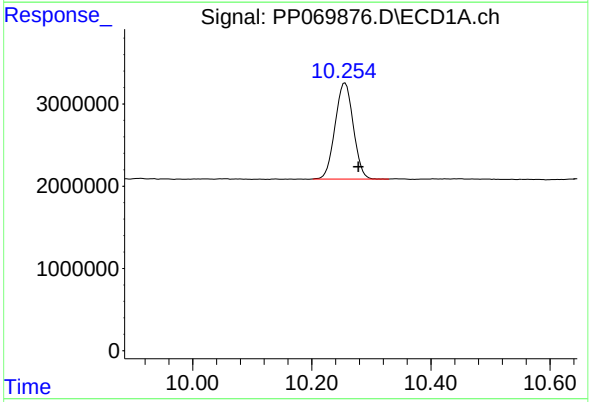
R.T.: 4.528 min
Delta R.T.: -0.010 min
Response: 33330073
Conc: 23.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



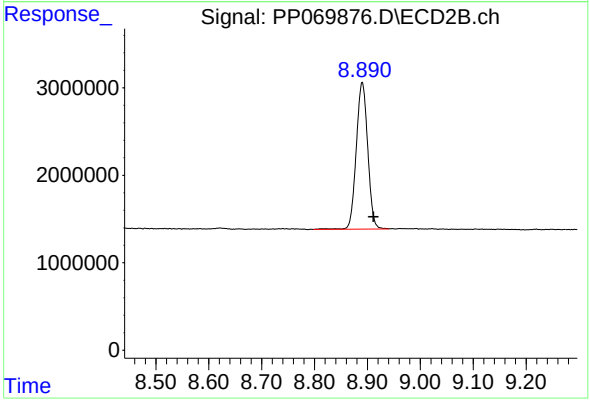
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 19363800
Conc: 21.70 ng/ml



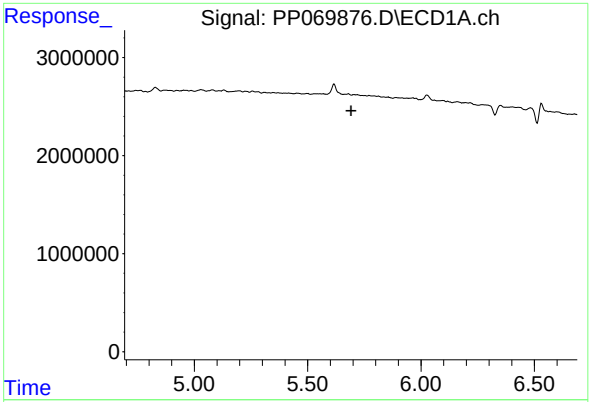
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.023 min
Response: 24757589
Conc: 22.65 ng/ml



#2 Decachlorobiphenyl

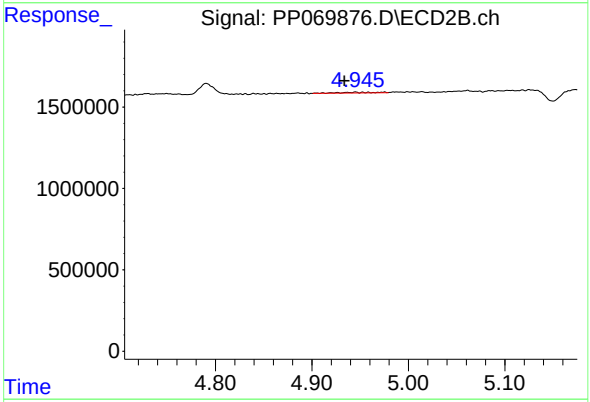
R.T.: 8.890 min
Delta R.T.: -0.021 min
Response: 25259689
Conc: 22.58 ng/ml



#3 AR-1016-1

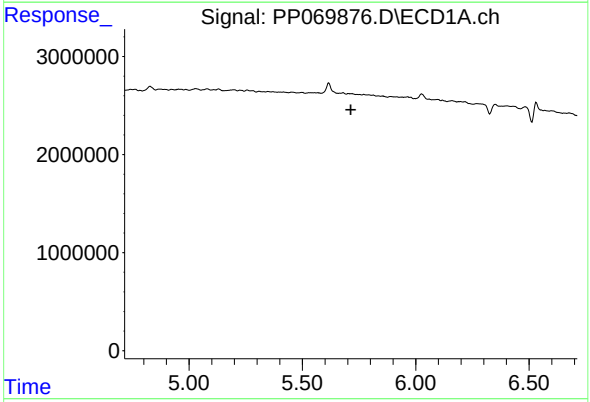
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



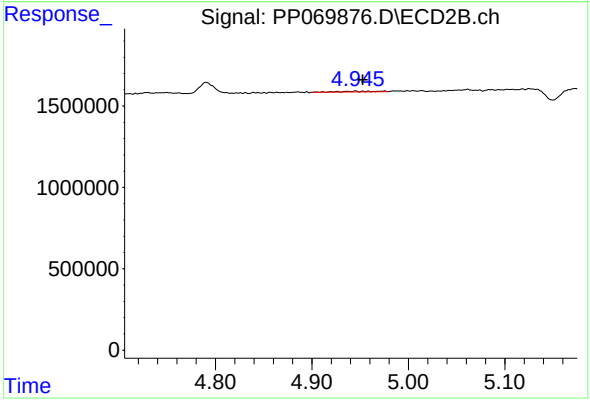
#3 AR-1016-1

R.T.: 4.945 min
Delta R.T.: 0.012 min
Response: 113729
Conc: 3.49 ng/ml



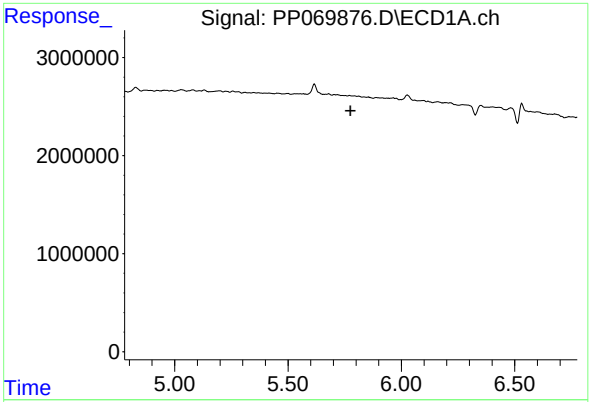
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

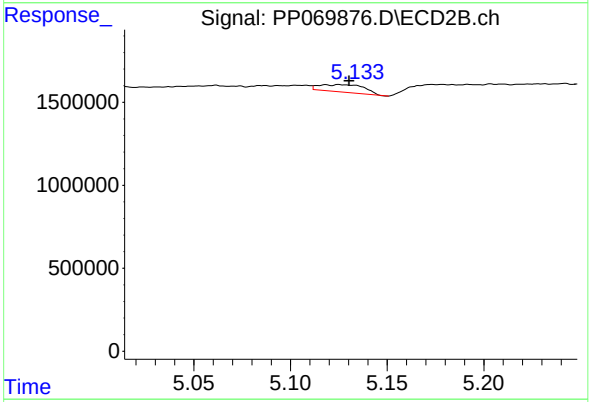
R.T.: 4.945 min
Delta R.T.: -0.007 min
Response: 113729
Conc: 2.53 ng/ml



#5 AR-1016-3

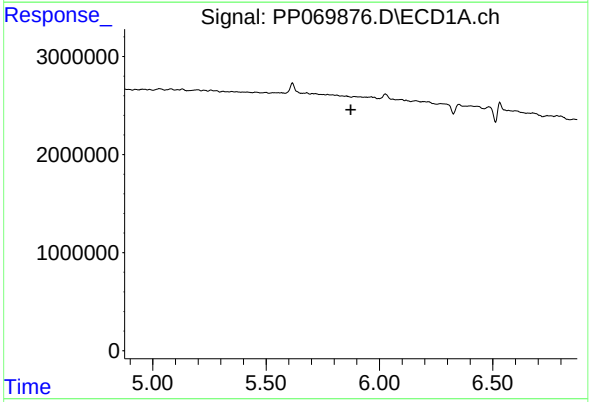
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



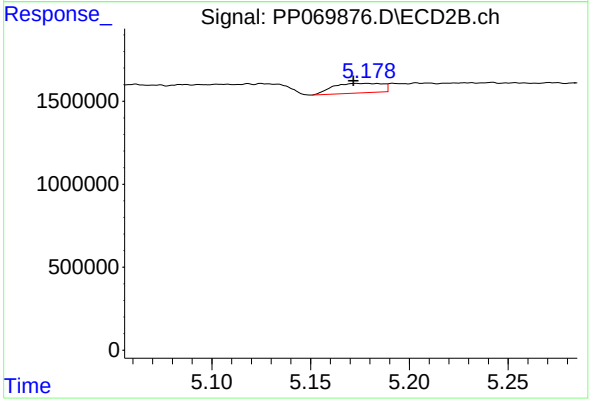
#5 AR-1016-3

R.T.: 5.125 min
Delta R.T.: -0.005 min
Response: 721798
Conc: 29.01 ng/ml



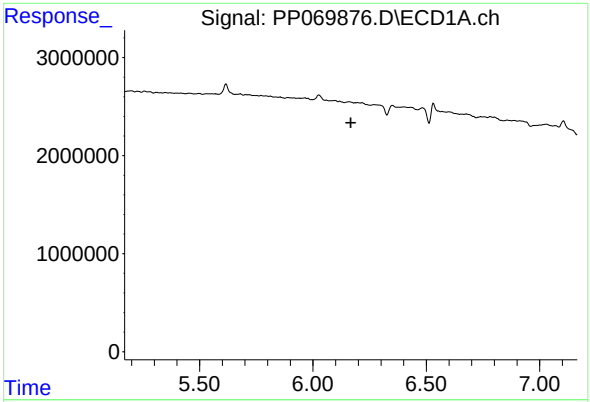
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

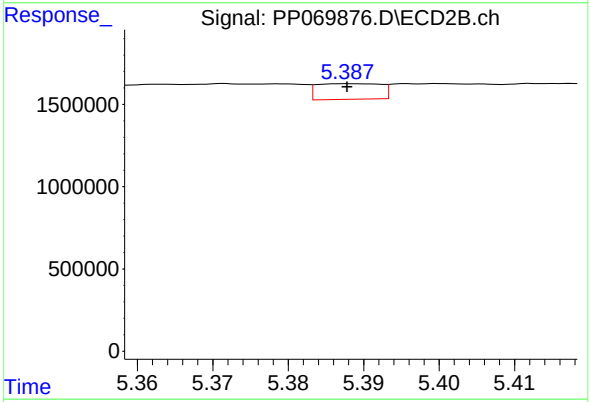
R.T.: 5.178 min
Delta R.T.: 0.007 min
Response: 1009301
Conc: 49.97 ng/ml



#7 AR-1016-5

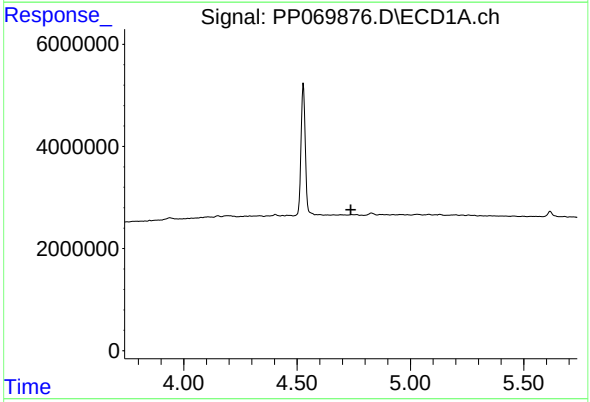
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



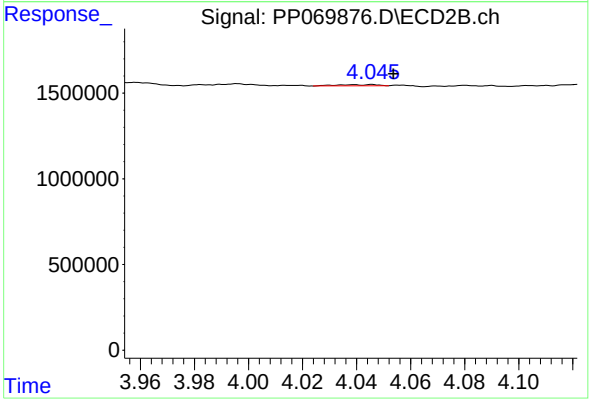
#7 AR-1016-5

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 559058
Conc: 20.84 ng/ml



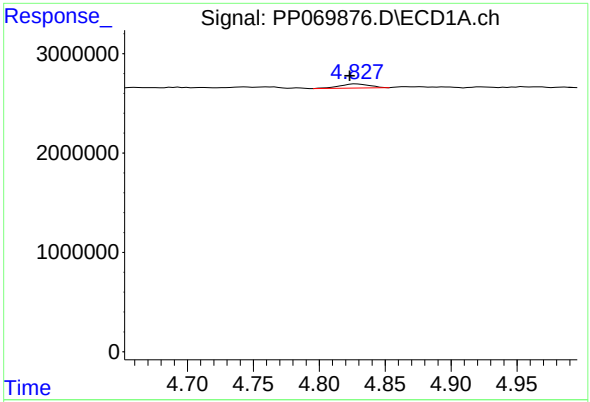
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

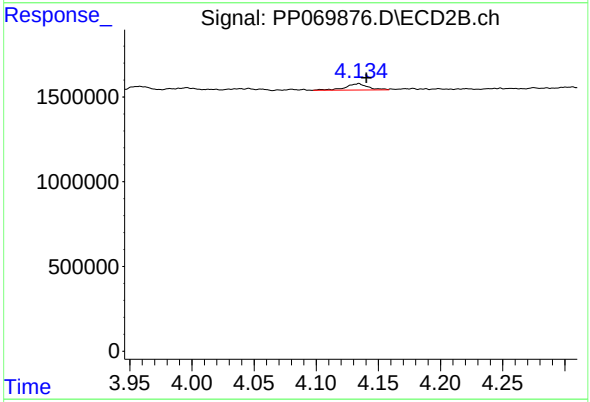
R.T.: 4.046 min
Delta R.T.: -0.008 min
Response: 73275
Conc: 5.95 ng/ml



#9 AR-1221-2

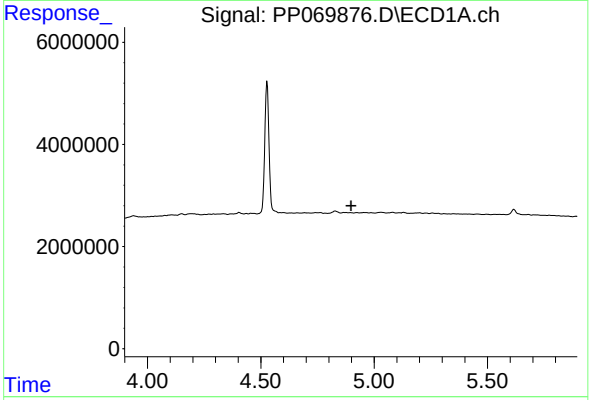
R.T.: 4.828 min
Delta R.T.: 0.005 min
Response: 649947
Conc: 47.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



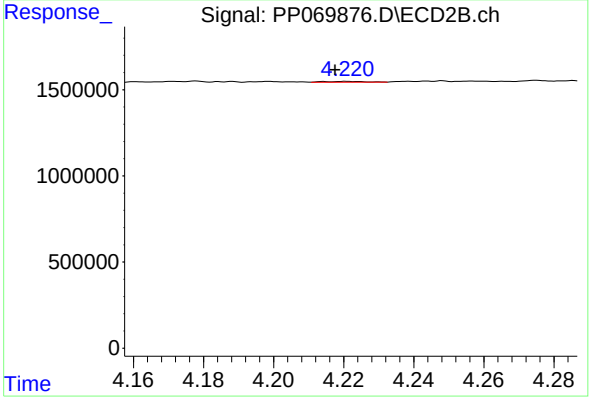
#9 AR-1221-2

R.T.: 4.134 min
Delta R.T.: -0.006 min
Response: 484666
Conc: 50.05 ng/ml



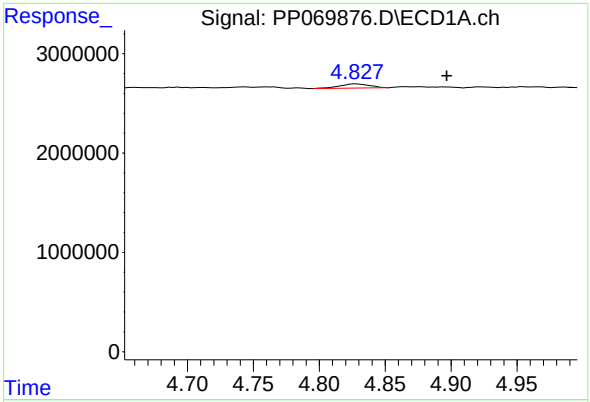
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

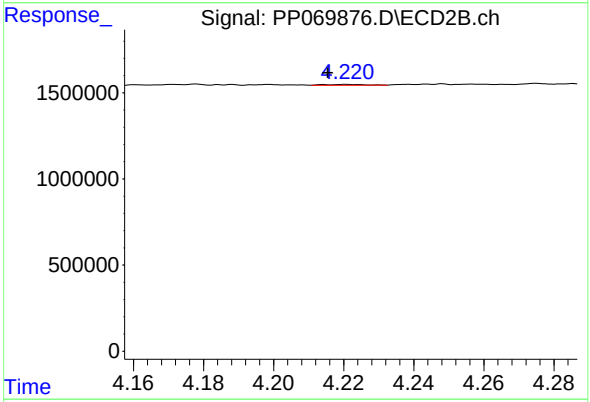
R.T.: 4.221 min
Delta R.T.: 0.003 min
Response: 33869
Conc: 1.16 ng/ml



#11 AR-1232-1

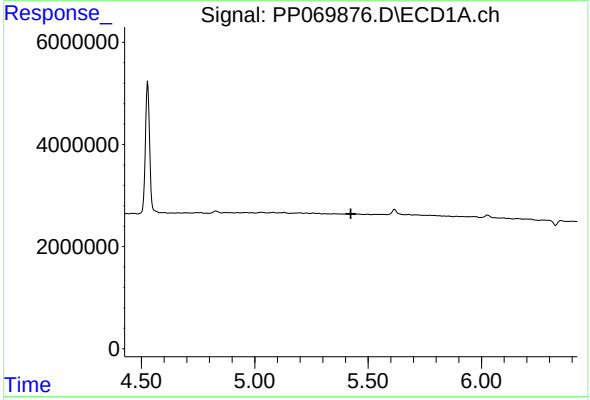
R.T.: 4.828 min
Delta R.T.: -0.069 min
Response: 649947
Conc: 19.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



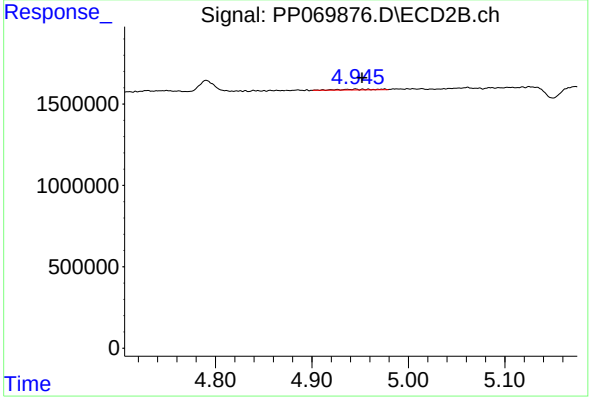
#11 AR-1232-1

R.T.: 4.221 min
Delta R.T.: 0.005 min
Response: 33869
Conc: 1.44 ng/ml



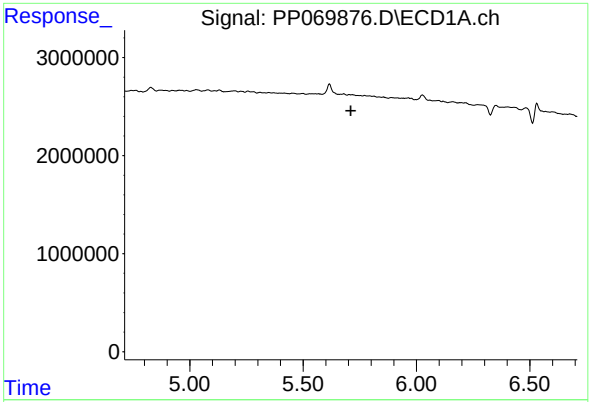
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

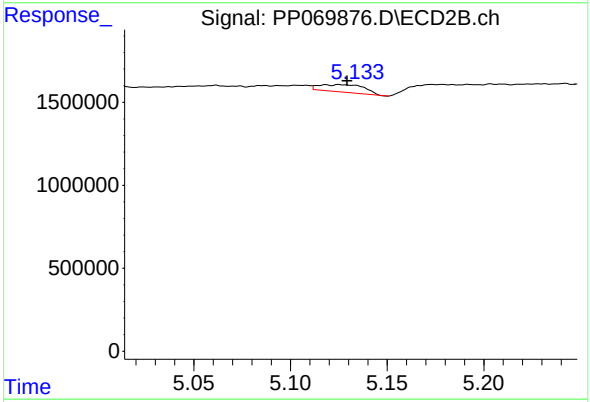
R.T.: 4.945 min
Delta R.T.: -0.007 min
Response: 113729
Conc: 4.82 ng/ml



#13 AR-1232-3

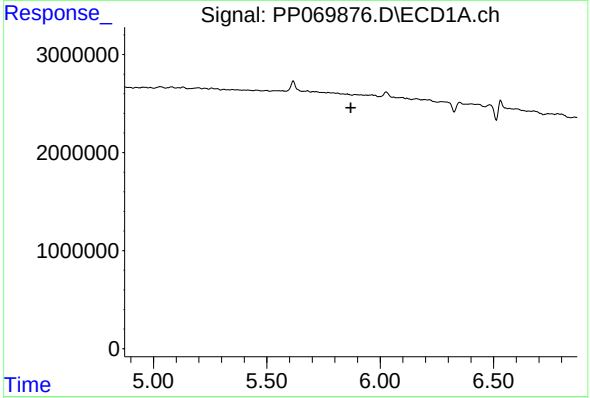
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



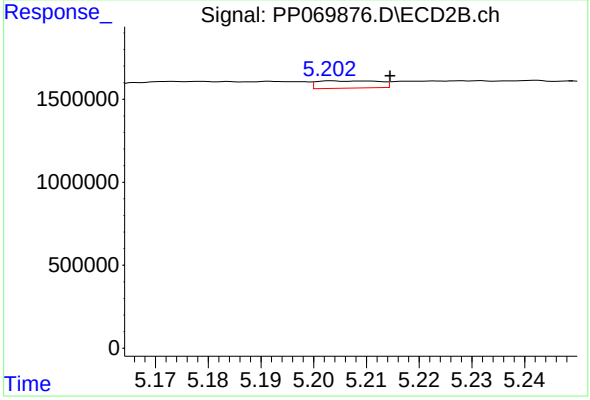
#13 AR-1232-3

R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 721798
Conc: 55.75 ng/ml



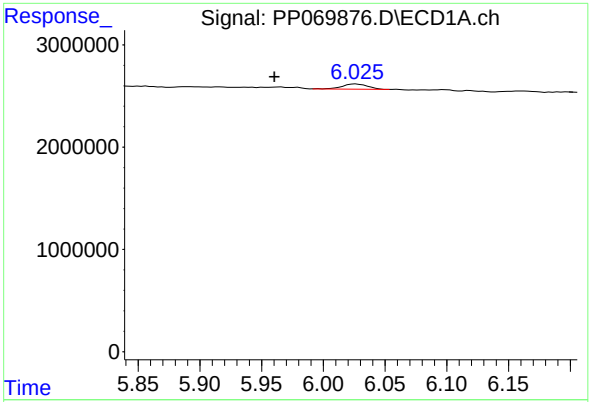
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

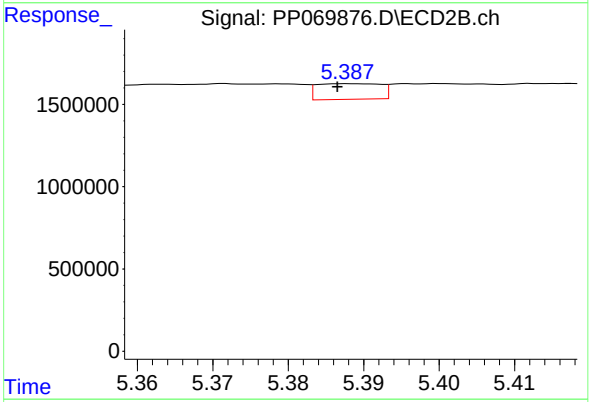
R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 354610
Conc: 31.99 ng/ml



#15 AR-1232-5

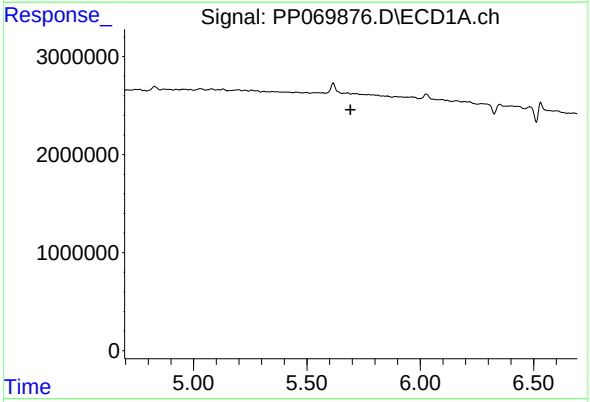
R.T.: 6.027 min
Delta R.T.: 0.066 min
Response: 721237
Conc: 62.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



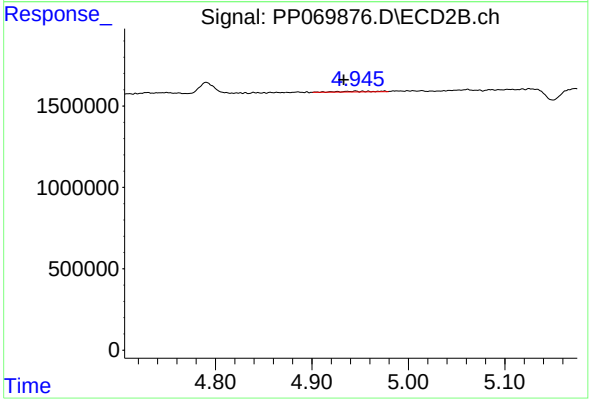
#15 AR-1232-5

R.T.: 5.388 min
Delta R.T.: 0.002 min
Response: 559058
Conc: 45.79 ng/ml



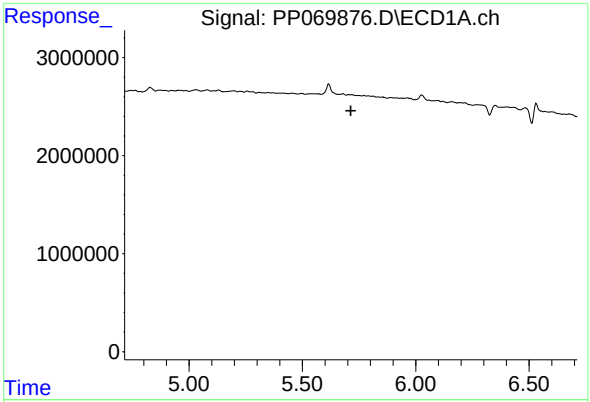
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

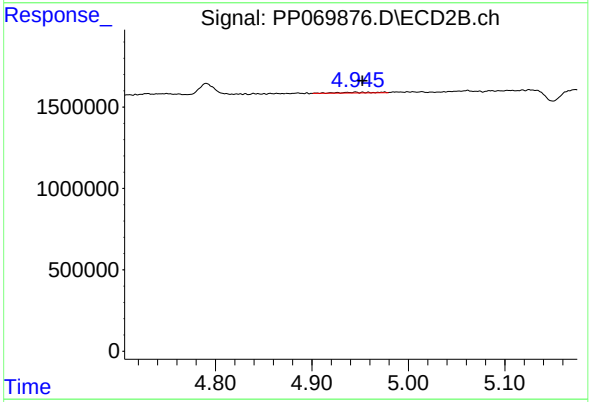
R.T.: 4.945 min
Delta R.T.: 0.012 min
Response: 113729
Conc: 3.94 ng/ml



#17 AR-1242-2

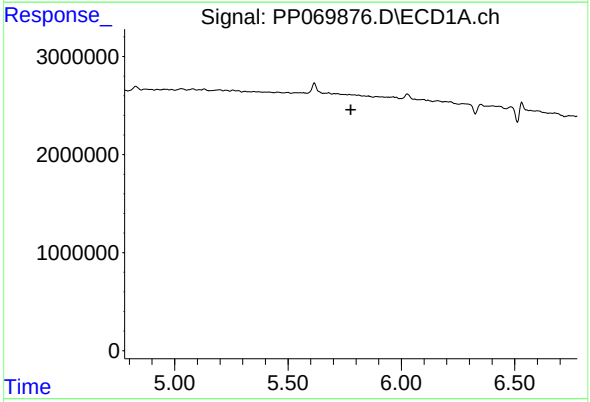
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



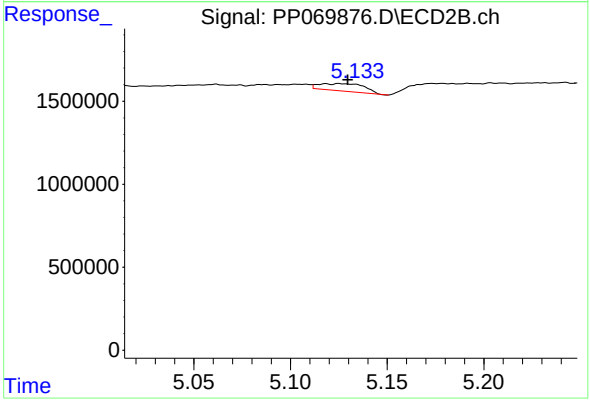
#17 AR-1242-2

R.T.: 4.945 min
Delta R.T.: -0.007 min
Response: 113729
Conc: 2.89 ng/ml



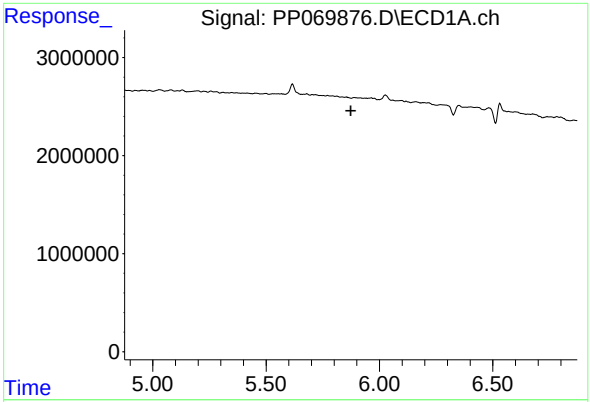
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

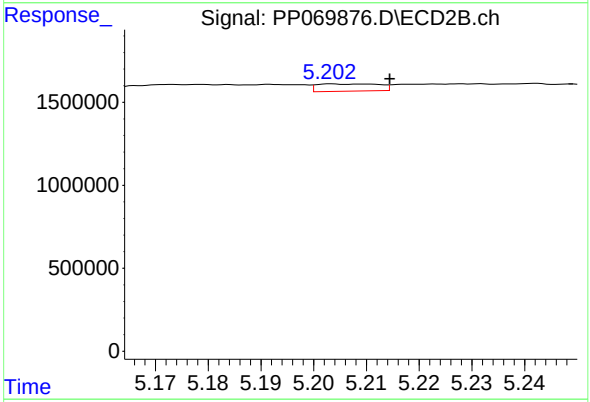
R.T.: 5.125 min
Delta R.T.: -0.004 min
Response: 721798
Conc: 32.07 ng/ml



#19 AR-1242-4

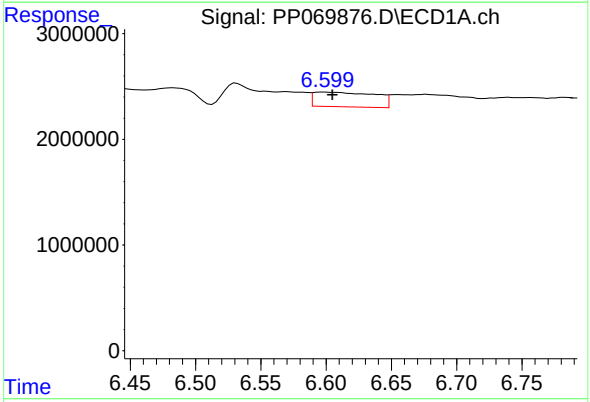
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



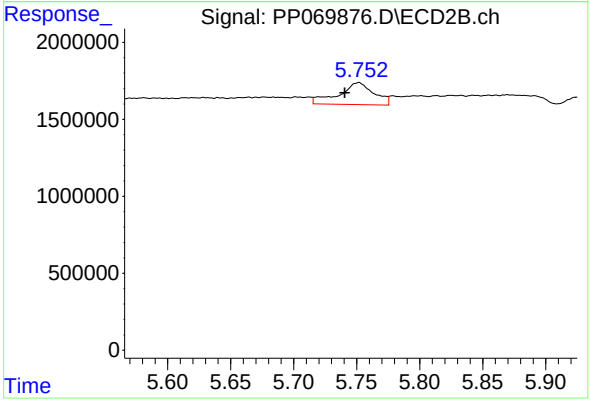
#19 AR-1242-4

R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 354610
Conc: 16.43 ng/ml



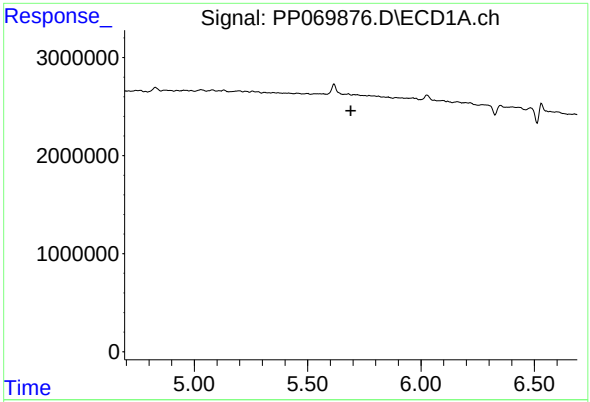
#20 AR-1242-5

R.T.: 6.599 min
Delta R.T.: -0.006 min
Response: 4549554
Conc: 139.62 ng/ml



#20 AR-1242-5

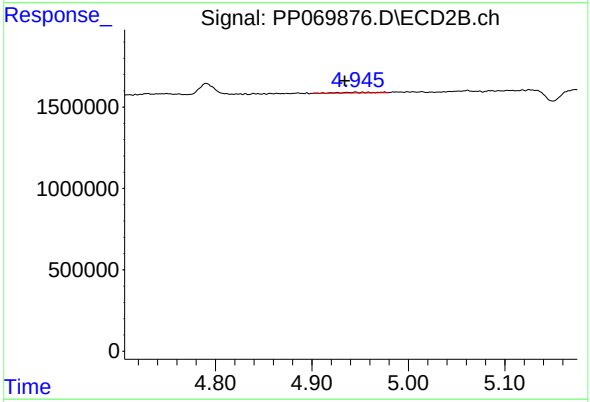
R.T.: 5.752 min
Delta R.T.: 0.011 min
Response: 2777253
Conc: 96.54 ng/ml



#21 AR-1248-1

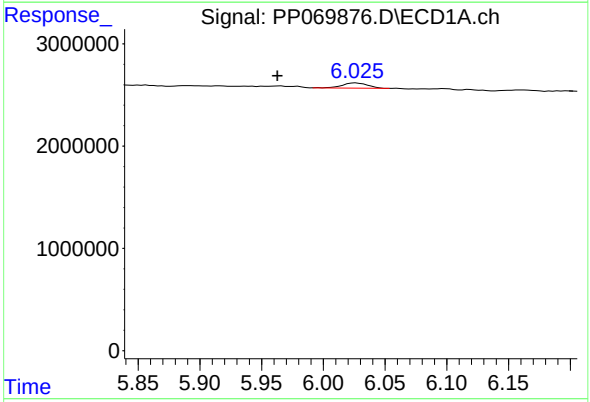
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



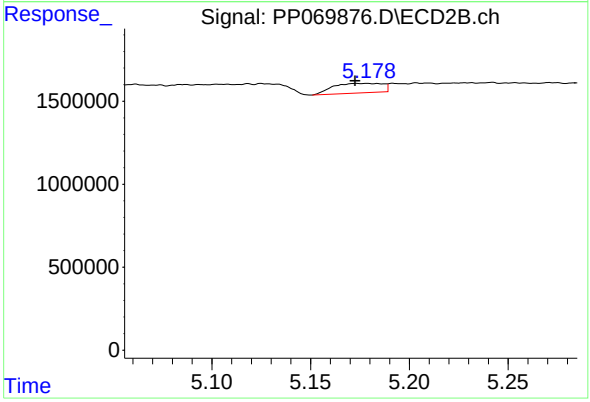
#21 AR-1248-1

R.T.: 4.945 min
Delta R.T.: 0.011 min
Response: 113729
Conc: 5.17 ng/ml



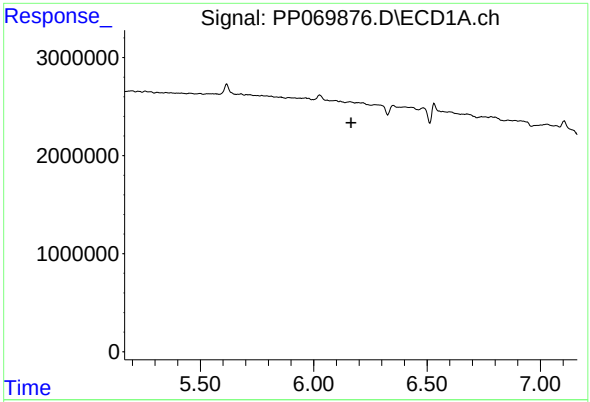
#22 AR-1248-2

R.T.: 6.027 min
Delta R.T.: 0.064 min
Response: 721237
Conc: 16.99 ng/ml



#22 AR-1248-2

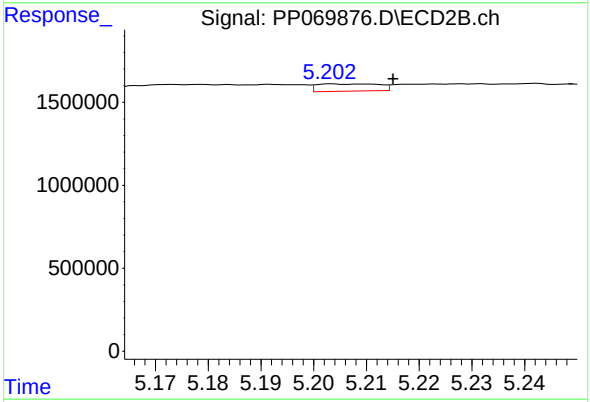
R.T.: 5.178 min
Delta R.T.: 0.006 min
Response: 1009301
Conc: 33.57 ng/ml



#23 AR-1248-3

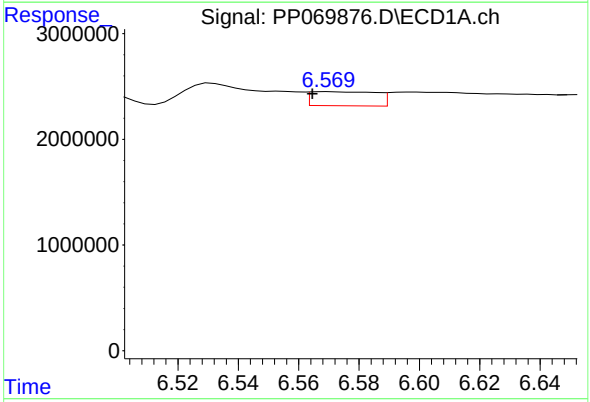
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



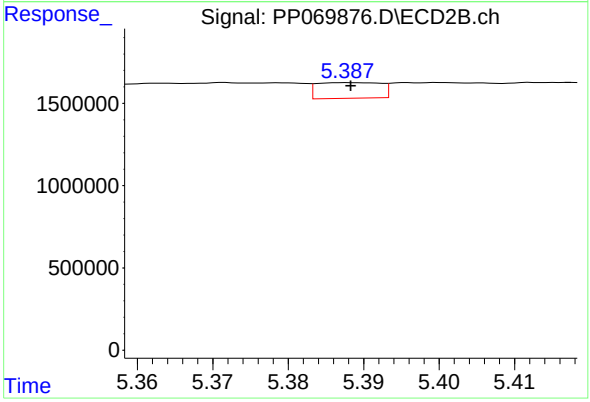
#23 AR-1248-3

R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 354610
Conc: 11.44 ng/ml



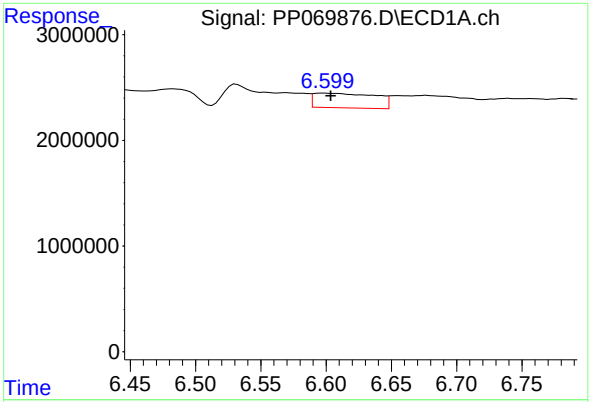
#24 AR-1248-4

R.T.: 6.570 min
Delta R.T.: 0.005 min
Response: 2016688
Conc: 36.59 ng/ml



#24 AR-1248-4

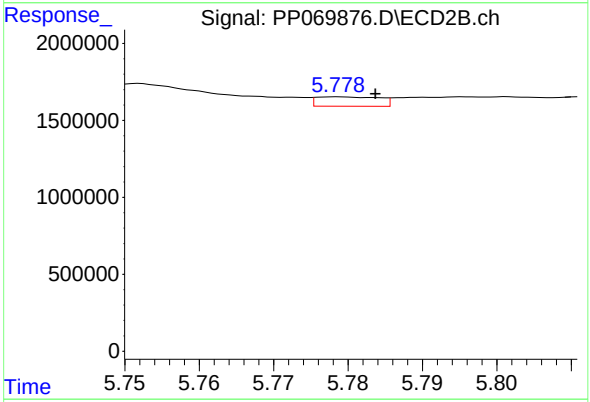
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 559058
Conc: 15.13 ng/ml



#25 AR-1248-5

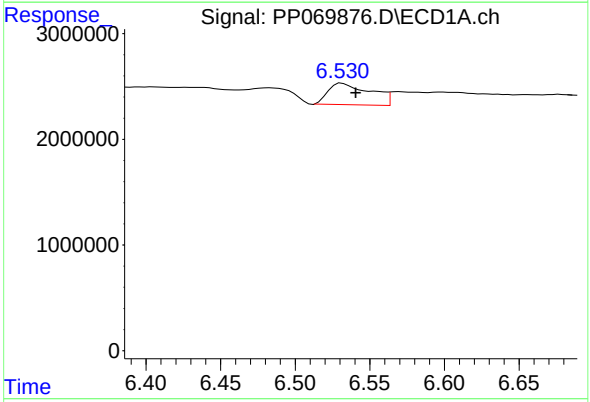
R.T.: 6.599 min
Delta R.T.: -0.004 min
Response: 4549554
Conc: 85.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



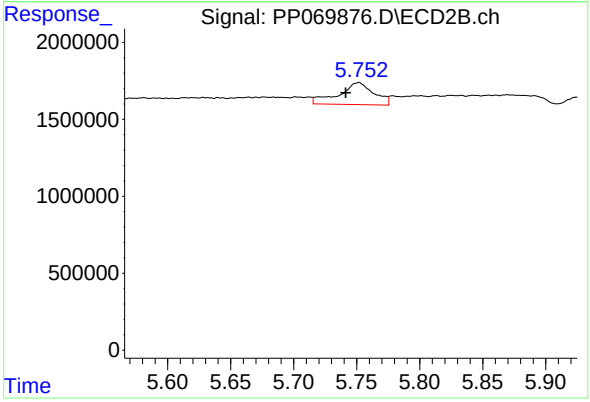
#25 AR-1248-5

R.T.: 5.779 min
Delta R.T.: -0.005 min
Response: 357232
Conc: 9.55 ng/ml



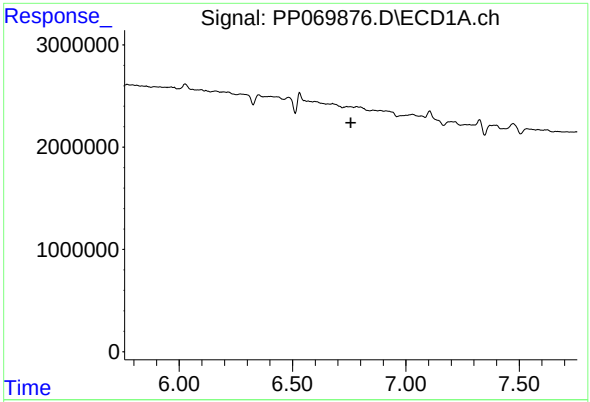
#26 AR-1254-1

R.T.: 6.531 min
Delta R.T.: -0.009 min
Response: 4019684
Conc: 69.47 ng/ml



#26 AR-1254-1

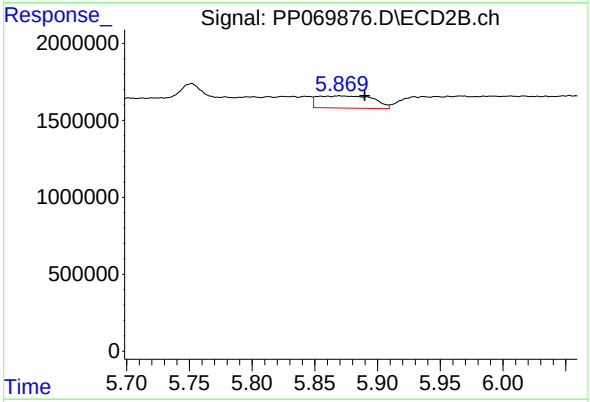
R.T.: 5.752 min
Delta R.T.: 0.010 min
Response: 2777253
Conc: 50.44 ng/ml



#27 AR-1254-2

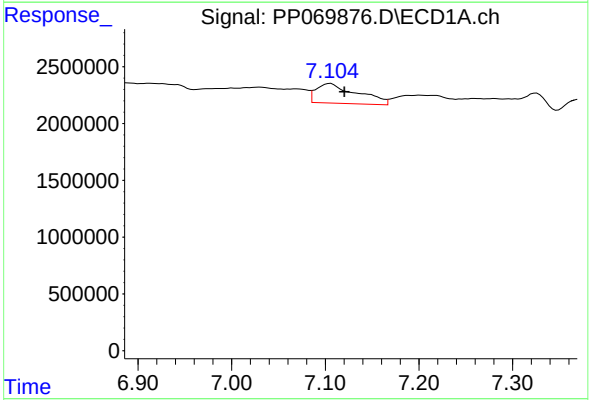
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



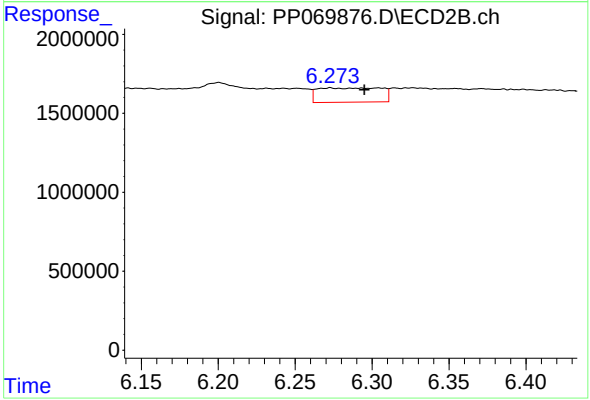
#27 AR-1254-2

R.T.: 5.869 min
Delta R.T.: -0.020 min
Response: 2462575
Conc: 50.91 ng/ml



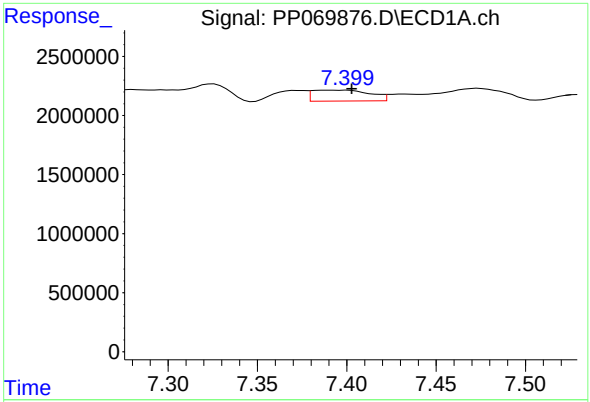
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.015 min
Response: 5291739
Conc: 62.78 ng/ml



#28 AR-1254-3

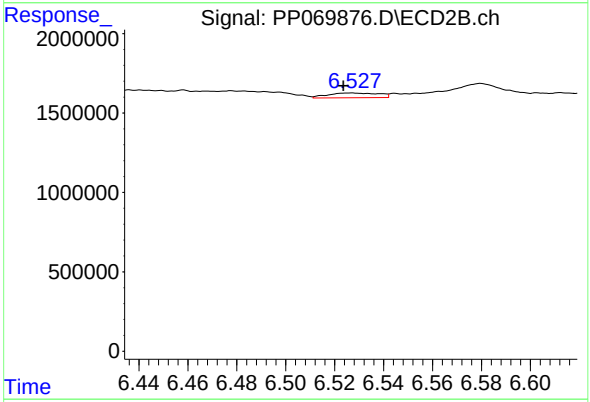
R.T.: 6.273 min
Delta R.T.: -0.022 min
Response: 2568879
Conc: 33.85 ng/ml



#29 AR-1254-4

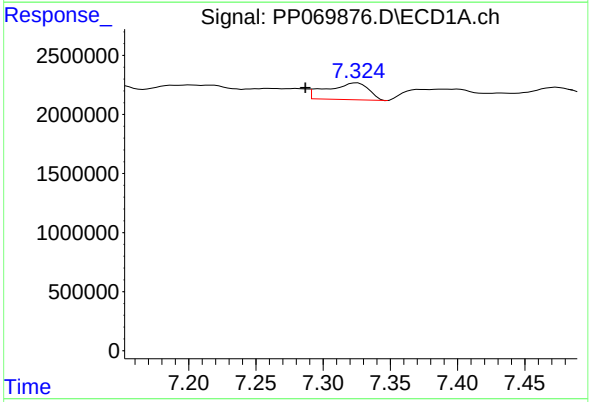
R.T.: 7.400 min
Delta R.T.: -0.003 min
Response: 2078892
Conc: 30.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



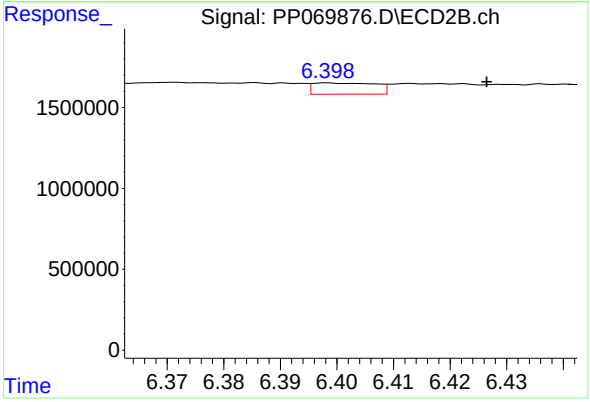
#29 AR-1254-4

R.T.: 6.526 min
Delta R.T.: 0.003 min
Response: 430880
Conc: 8.41 ng/ml



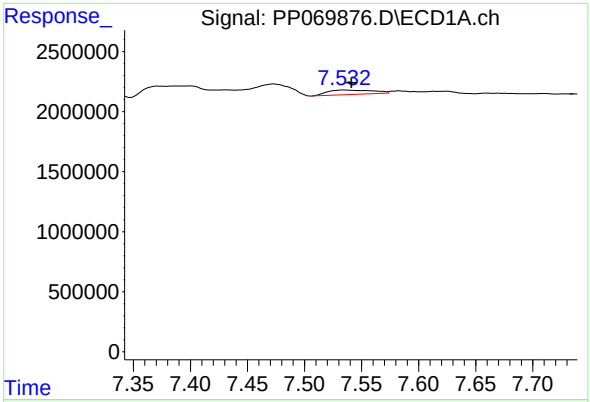
#31 AR-1260-1

R.T.: 7.325 min
Delta R.T.: 0.038 min
Response: 3054753
Conc: 52.27 ng/ml



#31 AR-1260-1

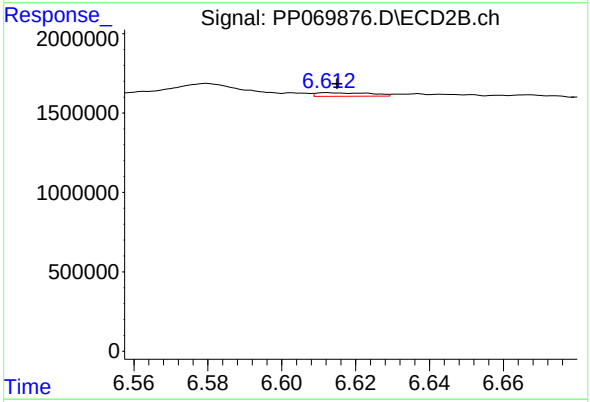
R.T.: 6.398 min
Delta R.T.: -0.028 min
Response: 532910
Conc: 11.05 ng/ml



#32 AR-1260-2

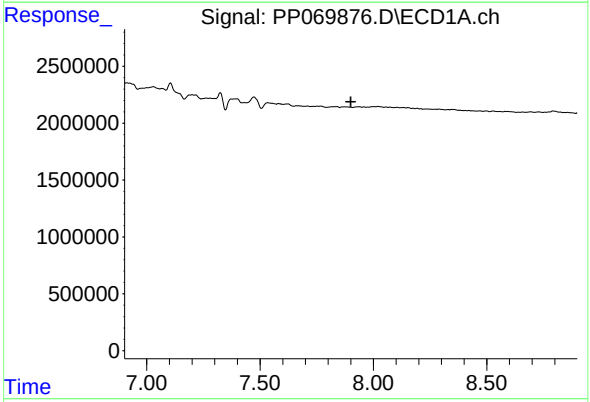
R.T.: 7.535 min
Delta R.T.: -0.006 min
Response: 1020870
Conc: 13.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



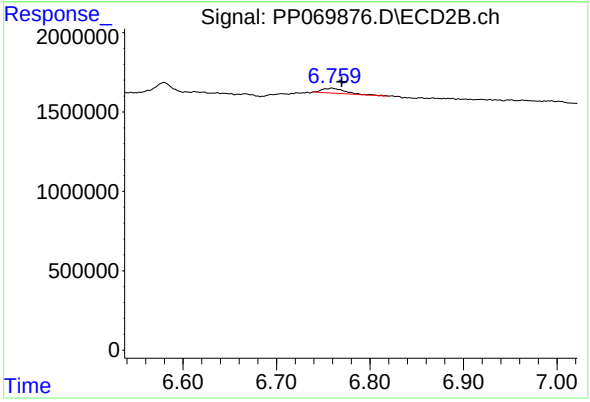
#32 AR-1260-2

R.T.: 6.613 min
Delta R.T.: -0.002 min
Response: 224809
Conc: 3.67 ng/ml



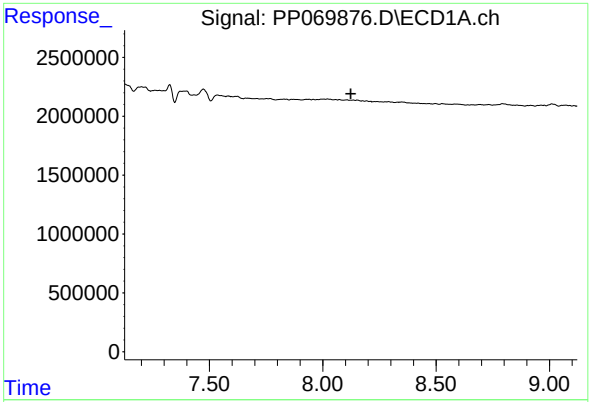
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.



#33 AR-1260-3

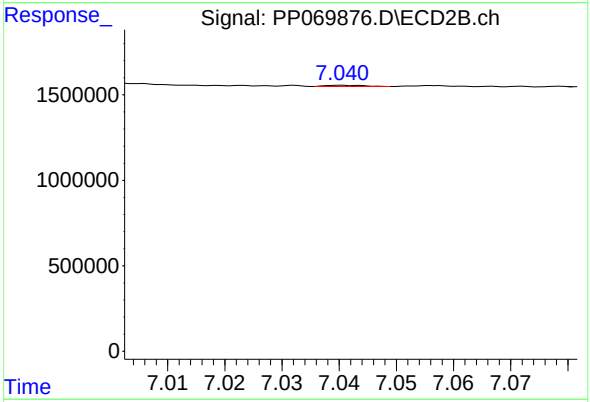
R.T.: 6.759 min
Delta R.T.: -0.011 min
Response: 511548
Conc: 8.50 ng/ml



#36 AR-1262-1

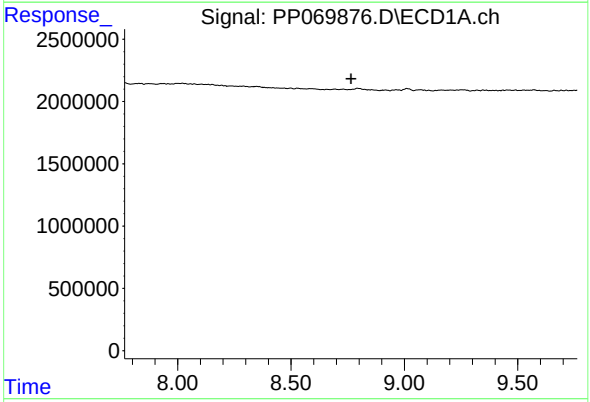
R.T.: 0.000 min
Exp R.T. : 8.124 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



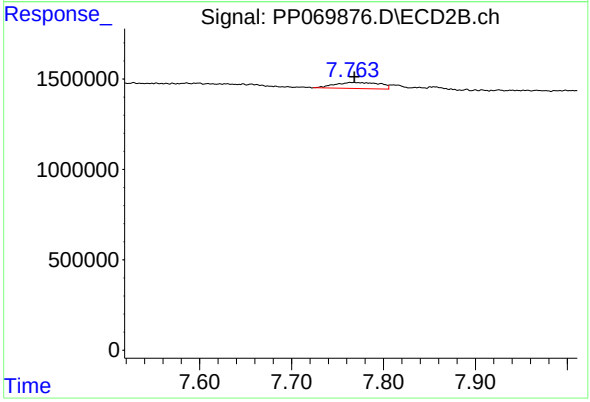
#36 AR-1262-1

R.T.: 7.041 min
Delta R.T.: 0.058 min
Response: 31239
Conc: 0.44 ng/ml



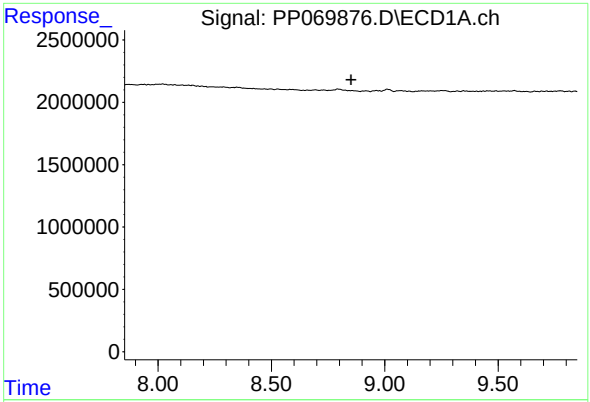
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

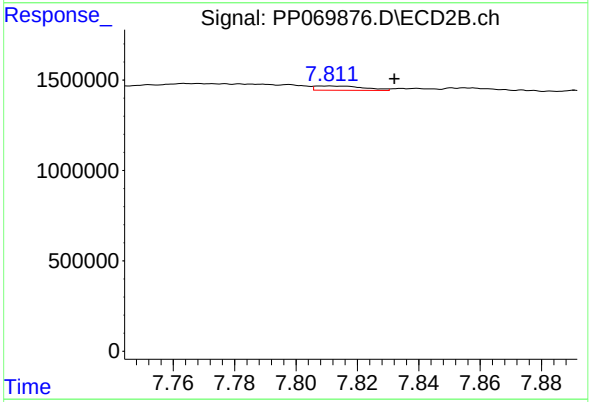
R.T.: 7.764 min
Delta R.T.: -0.004 min
Response: 1142091
Conc: 21.84 ng/ml



#39 AR-1262-4

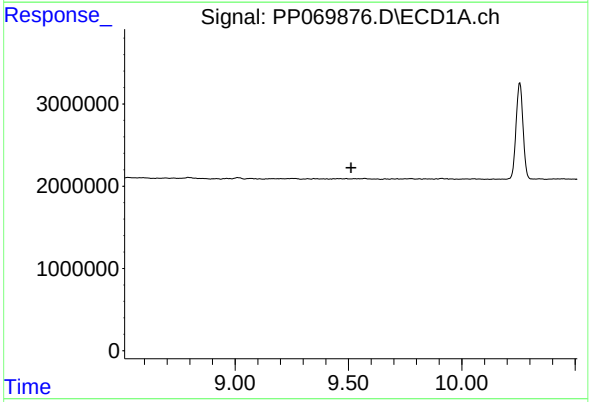
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



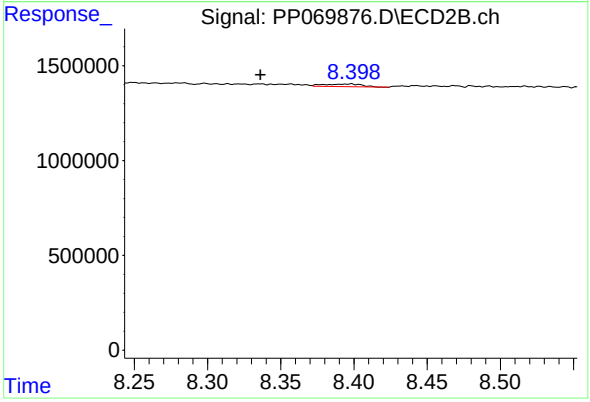
#39 AR-1262-4

R.T.: 7.810 min
Delta R.T.: -0.022 min
Response: 264899
Conc: 2.87 ng/ml



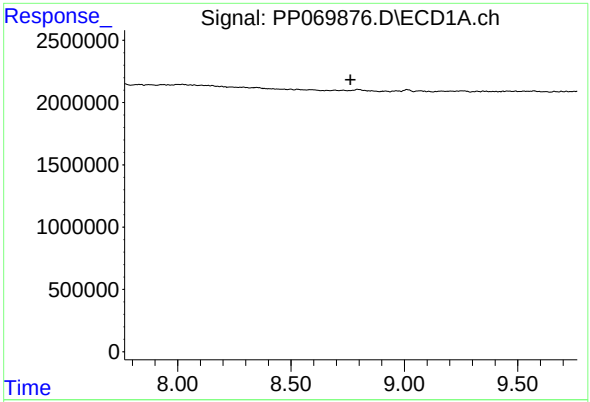
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

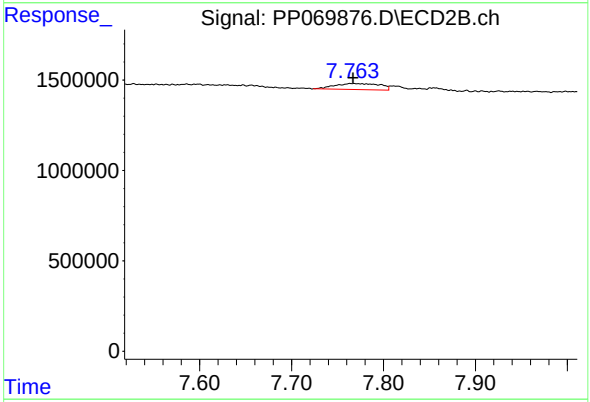
R.T.: 8.398 min
Delta R.T.: 0.062 min
Response: 247334
Conc: 5.18 ng/ml



#41 AR-1268-1

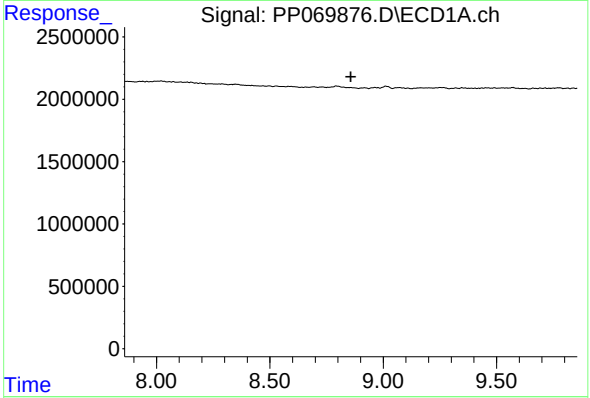
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



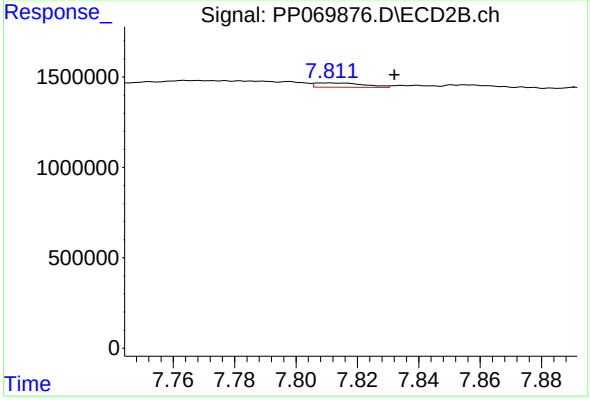
#41 AR-1268-1

R.T.: 7.764 min
Delta R.T.: -0.003 min
Response: 1142091
Conc: 7.87 ng/ml



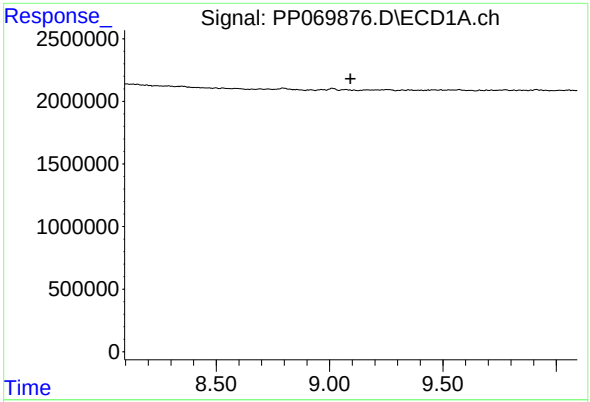
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

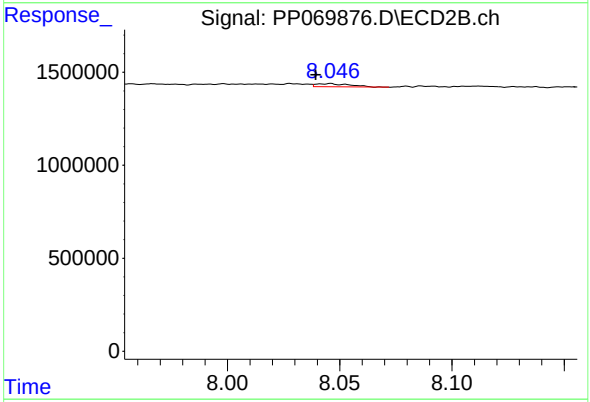
R.T.: 7.810 min
Delta R.T.: -0.022 min
Response: 264899
Conc: 1.99 ng/ml



#43 AR-1268-3

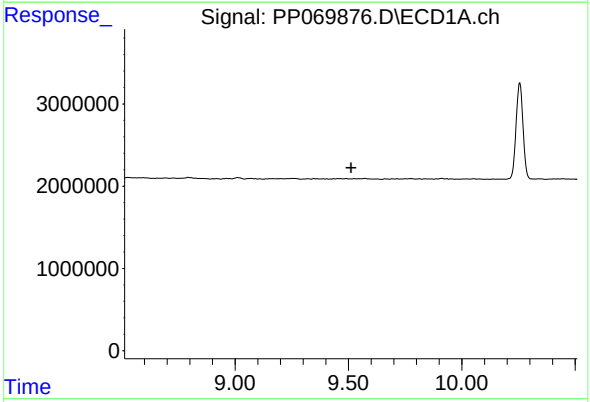
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



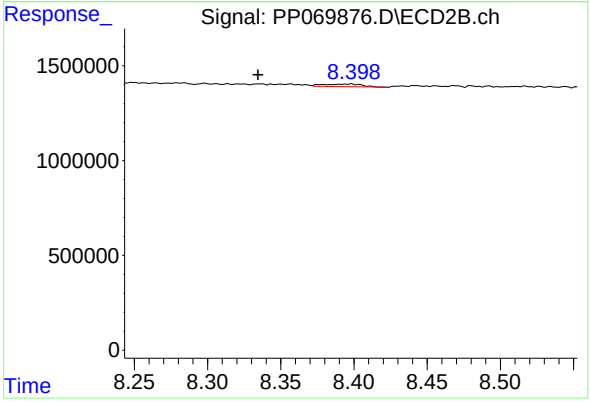
#43 AR-1268-3

R.T.: 8.046 min
Delta R.T.: 0.006 min
Response: 173261
Conc: 1.52 ng/ml



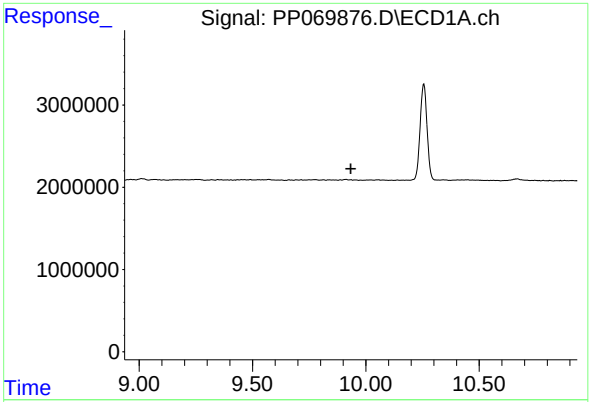
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

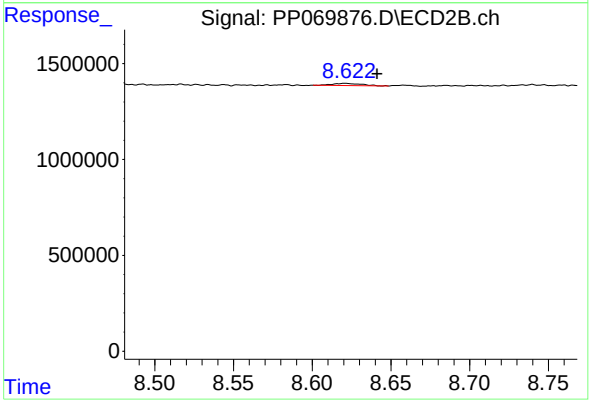
R.T.: 8.398 min
Delta R.T.: 0.063 min
Response: 247334
Conc: 4.75 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.020 min
Response: 138525
Conc: 0.39 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:20
Operator : YP\AJ
Sample : Q1383-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:40:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.527	3.830	38852409	22553716	27.141	25.269	
2)	SA Decachlor...	10.254	8.890	24528730	24727787	22.444	22.108	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.947	0	85807	N.D.	2.631	#
4)	L1 AR-1016-2	0.000	4.947	0	85807	N.D.	1.909	#
5)	L1 AR-1016-3	5.830f	5.114	934838	23900	21.946	0.960	#
6)	L1 AR-1016-4	5.830f	5.172	934838	50117	26.709	2.482	#
7)	L1 AR-1016-5	0.000	5.368	0	826716	N.D.	30.820	#
8)	L2 AR-1221-1	0.000	4.053	0	98260	N.D.	7.977	#
9)	L2 AR-1221-2	4.829	4.134	738800	611161	53.957	63.114	
10)	L2 AR-1221-3	4.829f	4.253f	738800	99040	17.614	3.395	#
11)	L3 AR-1232-1	4.829f	4.253f	738800	99040	22.190	4.218	#
12)	L3 AR-1232-2	5.381f	4.947	451133	85807	27.606	3.640	#
13)	L3 AR-1232-3	0.000	5.114	0	23900	N.D.	1.846	#
14)	L3 AR-1232-4	5.830f	5.211	934838	45328	52.471	4.089	#
15)	L3 AR-1232-5	0.000	5.368	0	826716	N.D.	67.706	#
16)	L4 AR-1242-1	0.000	4.947	0	85807	N.D.	2.976	#
17)	L4 AR-1242-2	0.000	4.947	0	85807	N.D.	2.178	#
18)	L4 AR-1242-3	5.830f	5.114	934838	23900	25.199	1.062	#
19)	L4 AR-1242-4	5.830f	5.211	934838	45328	28.506	2.100	#
20)	L4 AR-1242-5	0.000	5.727	0	962106	N.D.	33.443	#
21)	L5 AR-1248-1	0.000	4.947	0	85807	N.D.	3.898	#
22)	L5 AR-1248-2	0.000	5.172	0	50117	N.D.	1.667	#
23)	L5 AR-1248-3	0.000	5.211	0	45328	N.D.	1.463	#
24)	L5 AR-1248-4	0.000	5.368	0	826716	N.D.	22.378	#
25)	L5 AR-1248-5	0.000	5.779	0	642454	N.D.	17.183	#
26)	L6 AR-1254-1	0.000	5.727	0	962106	N.D.	17.475	#
27)	L6 AR-1254-2	6.743	5.875	1223818	1330538	15.252	27.508	#
28)	L6 AR-1254-3	7.105	6.280	748723	1844492	8.883	24.303	#
29)	L6 AR-1254-4	7.393	6.508	921223	1018281	13.510	19.869	#
30)	L6 AR-1254-5	7.808	6.928	504726	444697	7.417	6.681	
31)	L7 AR-1260-1	0.000	6.437	0	709380	N.D.	14.708	#
32)	L7 AR-1260-2	7.473f	6.596	1091418	531263	14.026	8.666	#
33)	L7 AR-1260-3	0.000	6.755	0	675891	N.D.	11.236	#
34)	L7 AR-1260-4	8.092	7.268	878881	218944	13.321	4.712	#
35)	L7 AR-1260-5	0.000	7.441f	0	291206	N.D.	2.620	#
36)	L8 AR-1262-1	8.092	6.928f	878881	444697	11.123	6.262	#
37)	L8 AR-1262-2	0.000	7.268	0	218944	N.D.	3.590	#
38)	L8 AR-1262-3	0.000	7.760	0	124945	N.D.	2.389	#
41)	L9 AR-1268-1	0.000	7.760	0	124945	N.D.	0.861	#
45)	L9 AR-1268-5	0.000	8.649	0	76421	N.D.	0.215	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:20
Operator : YP\AJ
Sample : Q1383-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:40:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

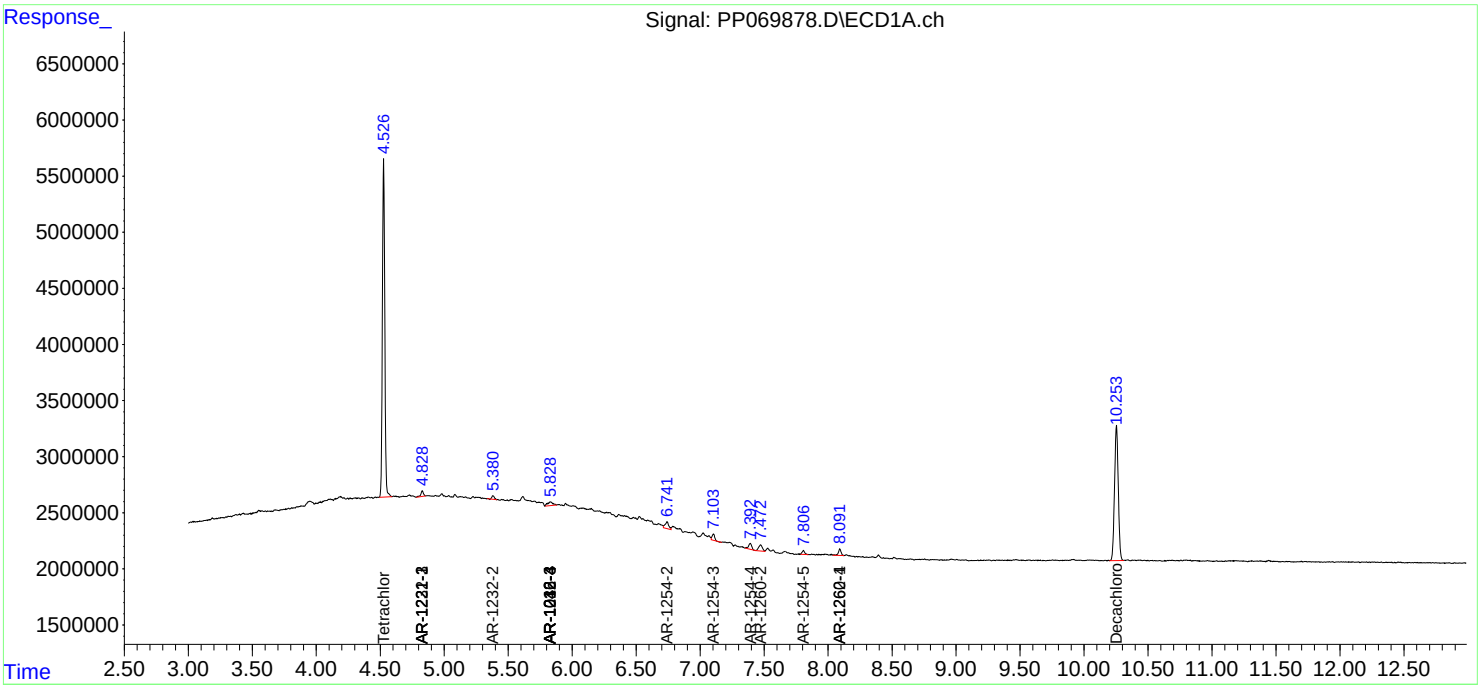
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

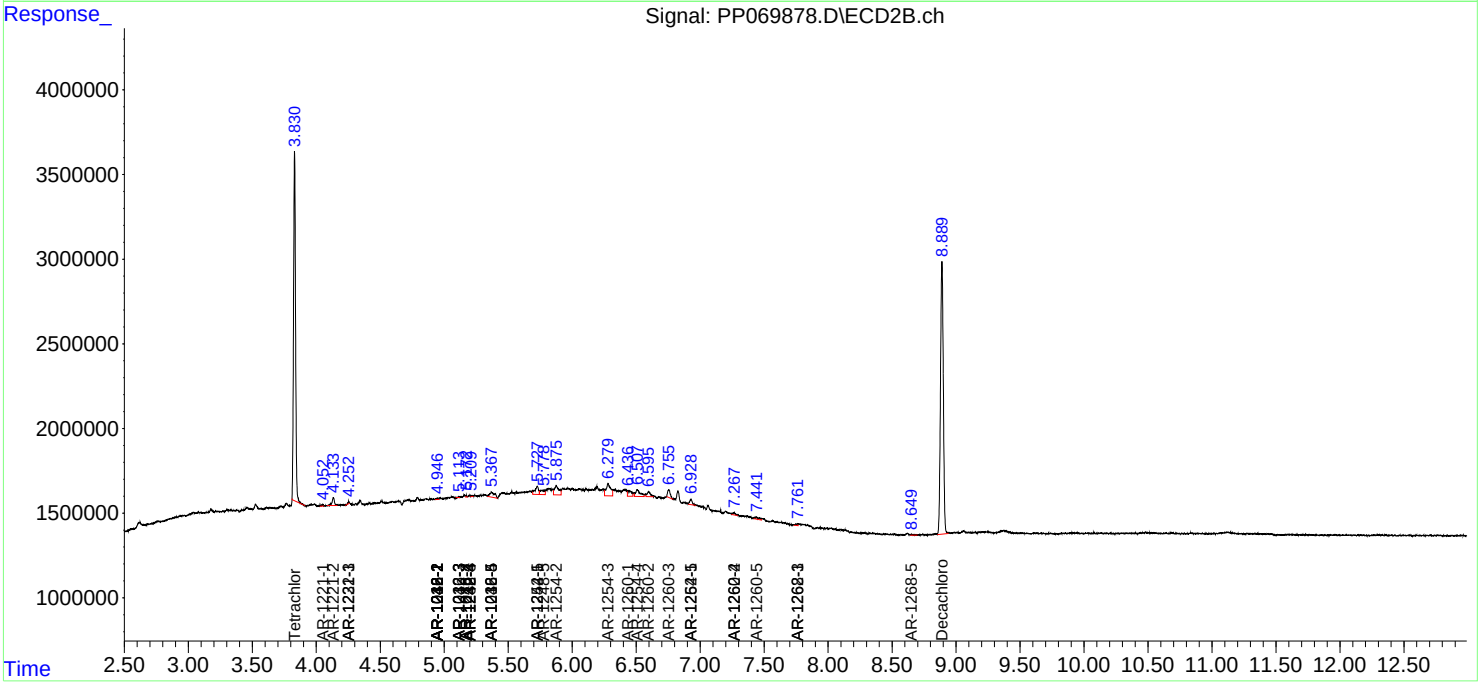
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:20
Operator : YP\AJ
Sample : Q1383-13
Misc :
ALS Vial : 38 Sample Multiplier: 1

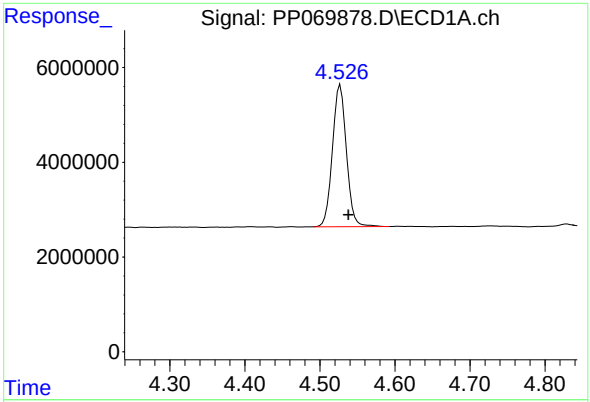
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:40:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



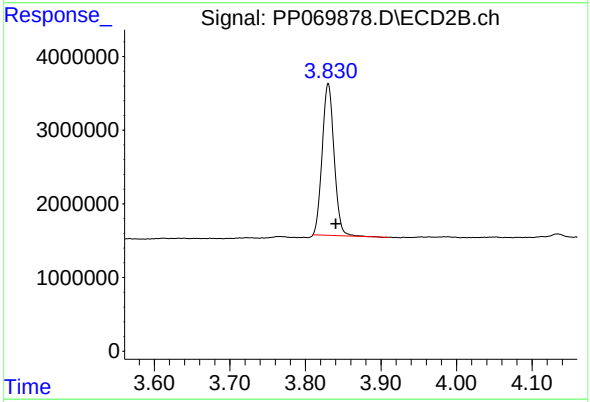




#1 Tetrachloro-m-xylene

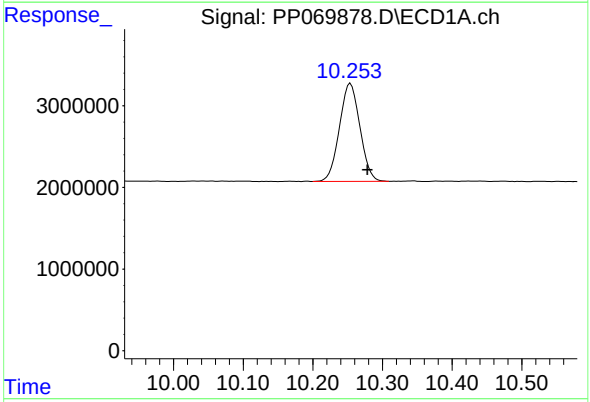
R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 38852409
Conc: 27.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



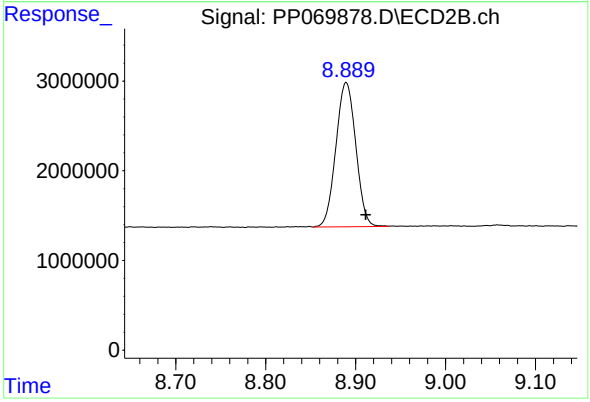
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 22553716
Conc: 25.27 ng/ml



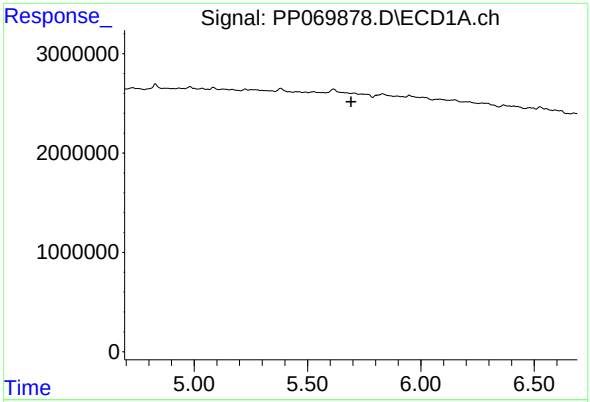
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.025 min
Response: 24528730
Conc: 22.44 ng/ml



#2 Decachlorobiphenyl

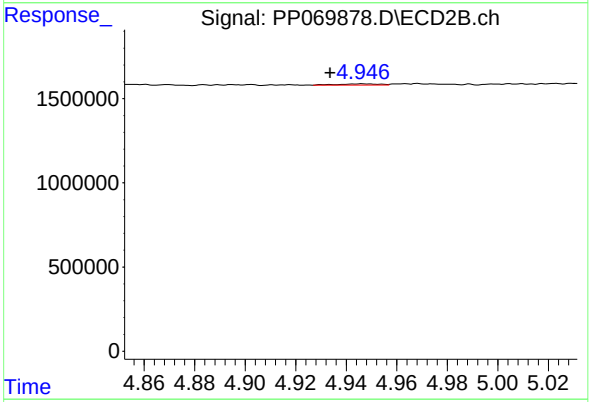
R.T.: 8.890 min
Delta R.T.: -0.022 min
Response: 24727787
Conc: 22.11 ng/ml



#3 AR-1016-1

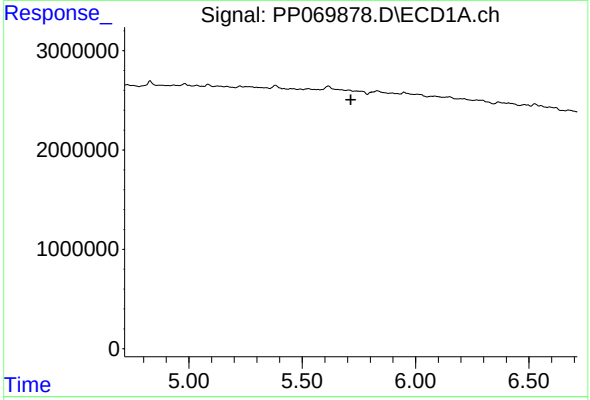
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



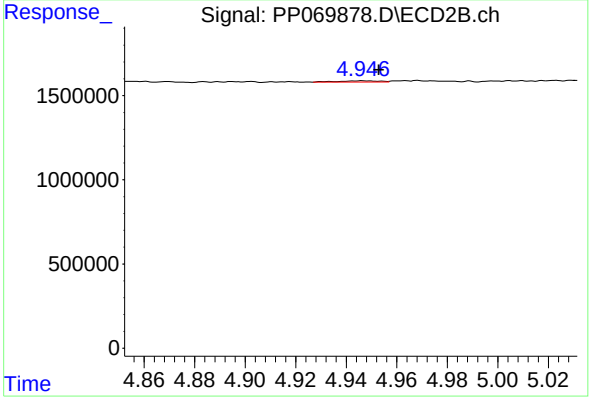
#3 AR-1016-1

R.T.: 4.947 min
Delta R.T.: 0.013 min
Response: 85807
Conc: 2.63 ng/ml



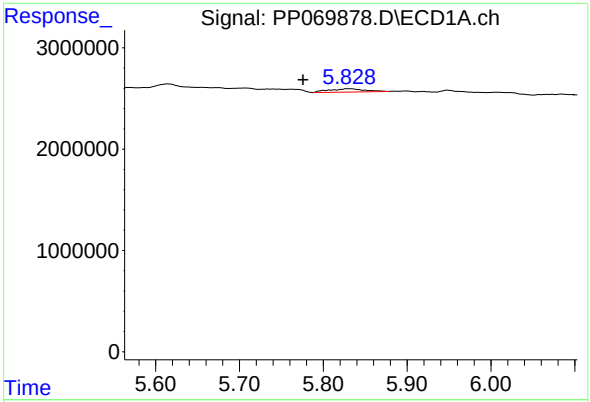
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

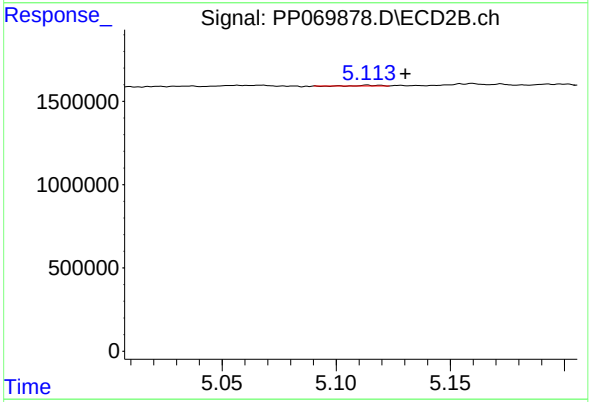
R.T.: 4.947 min
Delta R.T.: -0.006 min
Response: 85807
Conc: 1.91 ng/ml



#5 AR-1016-3

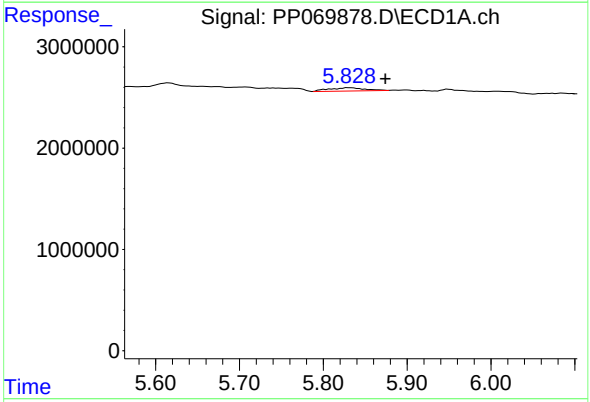
R.T.: 5.830 min
Delta R.T.: 0.054 min
Response: 934838
Conc: 21.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



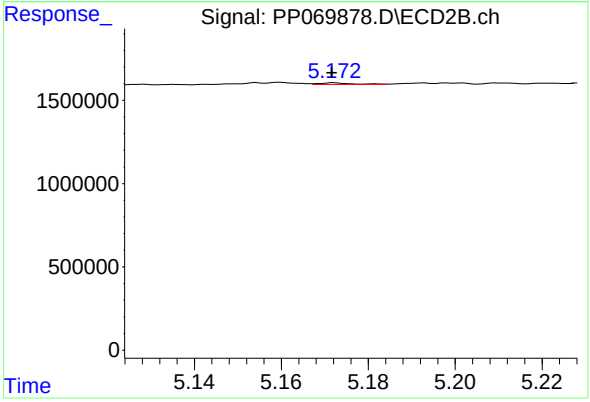
#5 AR-1016-3

R.T.: 5.114 min
Delta R.T.: -0.017 min
Response: 23900
Conc: 0.96 ng/ml



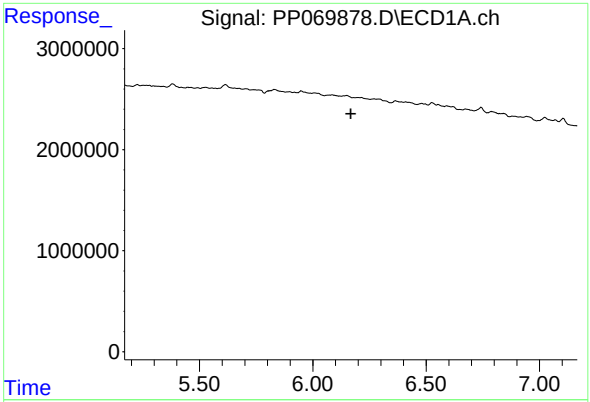
#6 AR-1016-4

R.T.: 5.830 min
Delta R.T.: -0.044 min
Response: 934838
Conc: 26.71 ng/ml



#6 AR-1016-4

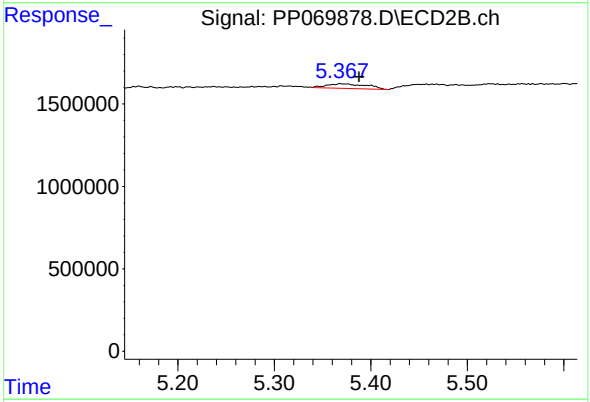
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 50117
Conc: 2.48 ng/ml



#7 AR-1016-5

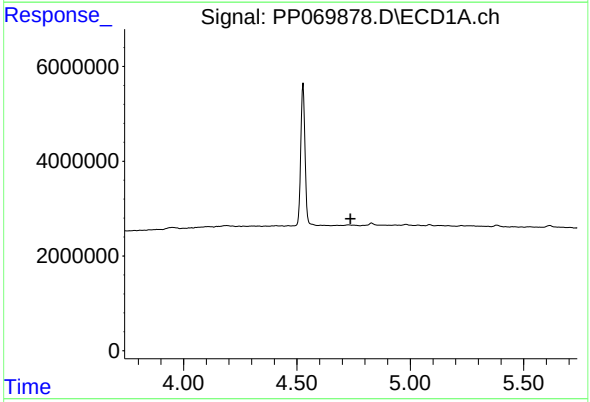
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



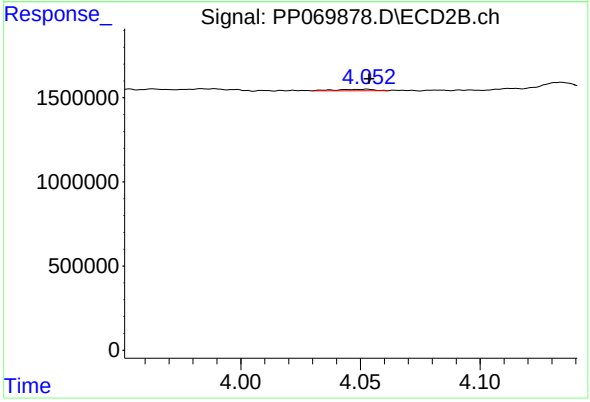
#7 AR-1016-5

R.T.: 5.368 min
Delta R.T.: -0.020 min
Response: 826716
Conc: 30.82 ng/ml



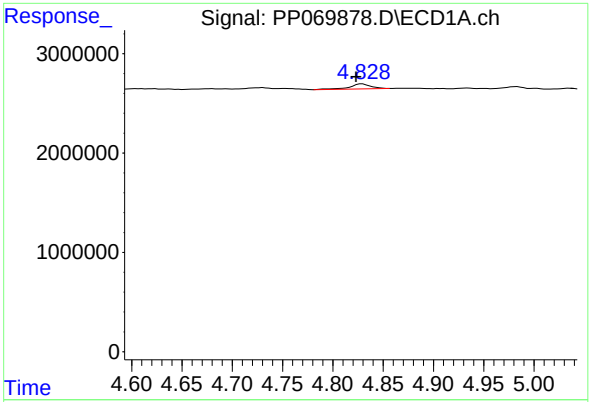
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

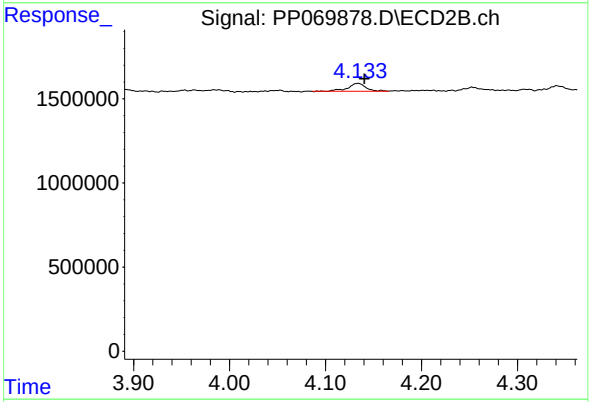
R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 98260
Conc: 7.98 ng/ml



#9 AR-1221-2

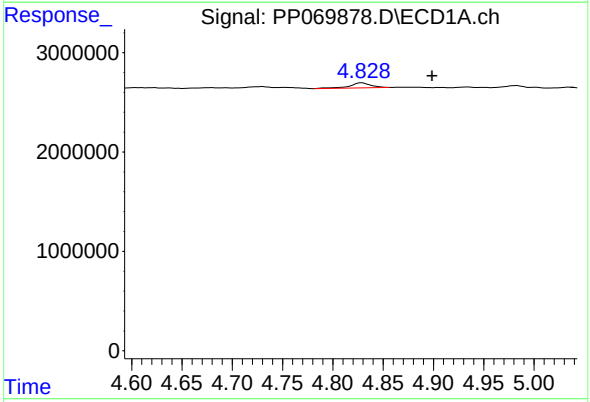
R.T.: 4.829 min
Delta R.T.: 0.006 min
Response: 738800
Conc: 53.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



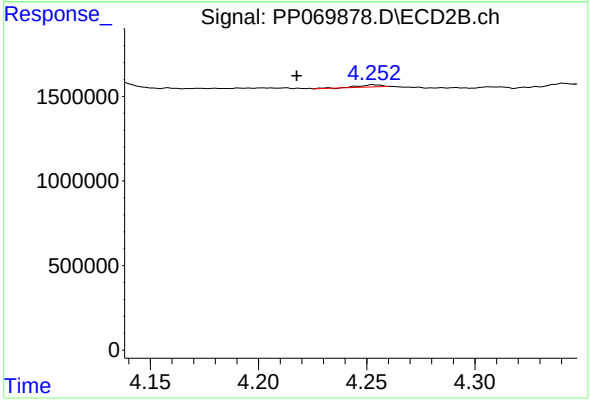
#9 AR-1221-2

R.T.: 4.134 min
Delta R.T.: -0.007 min
Response: 611161
Conc: 63.11 ng/ml



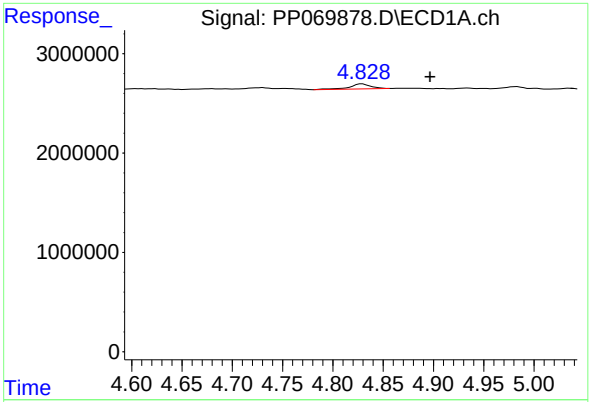
#10 AR-1221-3

R.T.: 4.829 min
Delta R.T.: -0.069 min
Response: 738800
Conc: 17.61 ng/ml



#10 AR-1221-3

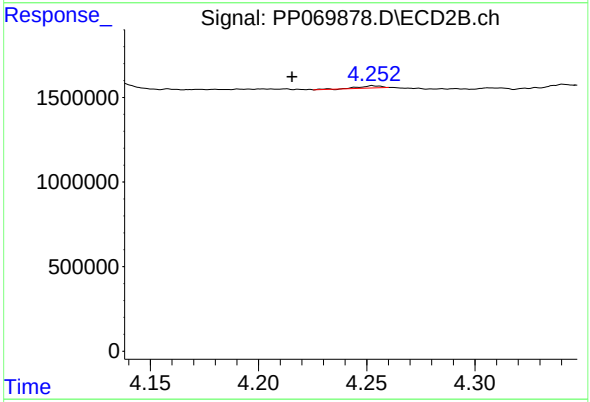
R.T.: 4.253 min
Delta R.T.: 0.036 min
Response: 99040
Conc: 3.39 ng/ml



#11 AR-1232-1

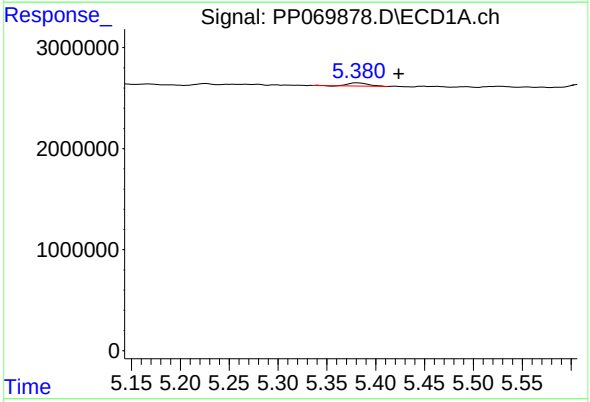
R.T.: 4.829 min
Delta R.T.: -0.067 min
Response: 738800
Conc: 22.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



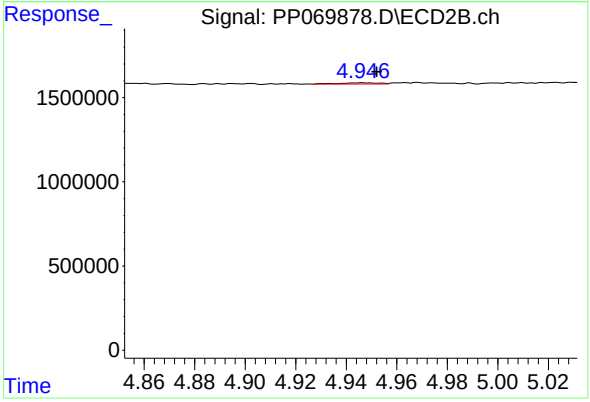
#11 AR-1232-1

R.T.: 4.253 min
Delta R.T.: 0.038 min
Response: 99040
Conc: 4.22 ng/ml



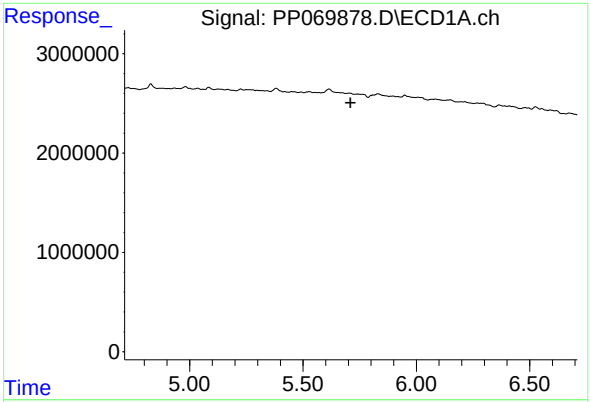
#12 AR-1232-2

R.T.: 5.381 min
Delta R.T.: -0.042 min
Response: 451133
Conc: 27.61 ng/ml



#12 AR-1232-2

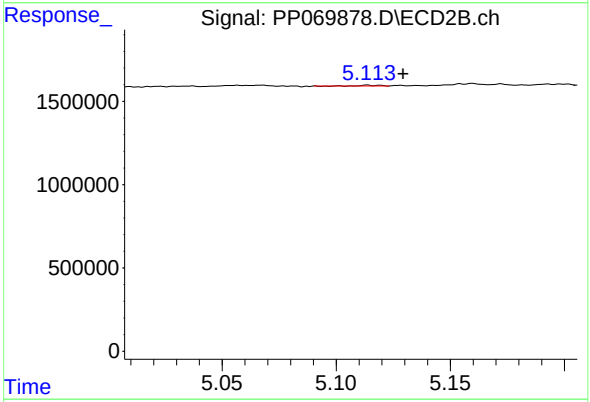
R.T.: 4.947 min
Delta R.T.: -0.005 min
Response: 85807
Conc: 3.64 ng/ml



#13 AR-1232-3

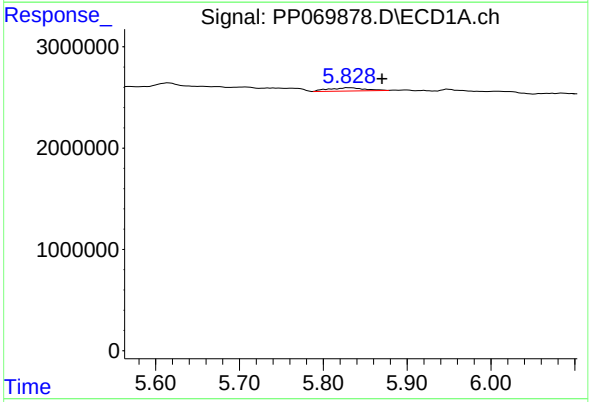
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



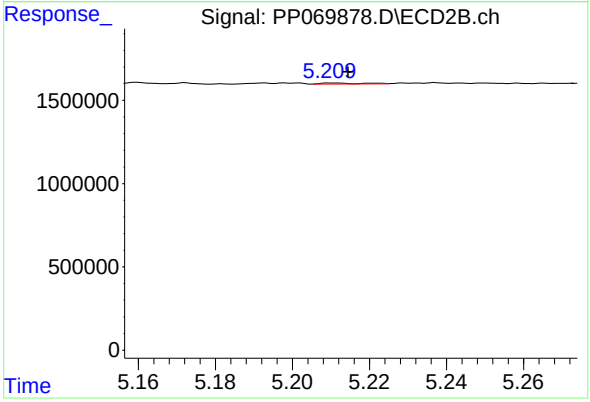
#13 AR-1232-3

R.T.: 5.114 min
Delta R.T.: -0.016 min
Response: 23900
Conc: 1.85 ng/ml



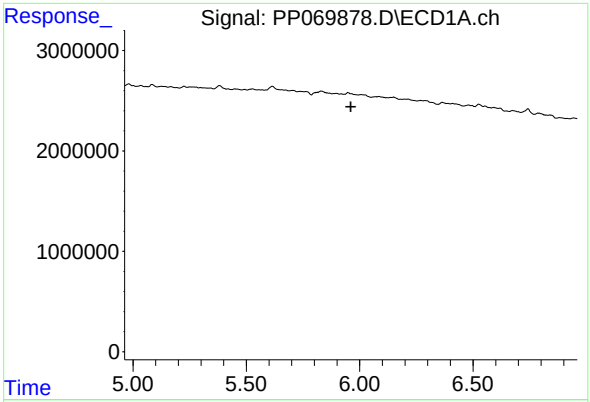
#14 AR-1232-4

R.T.: 5.830 min
Delta R.T.: -0.040 min
Response: 934838
Conc: 52.47 ng/ml



#14 AR-1232-4

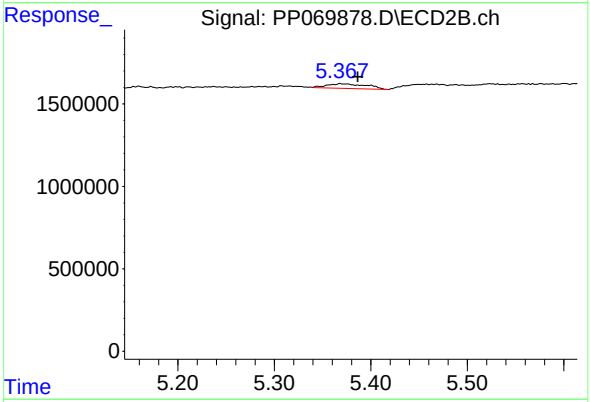
R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 45328
Conc: 4.09 ng/ml



#15 AR-1232-5

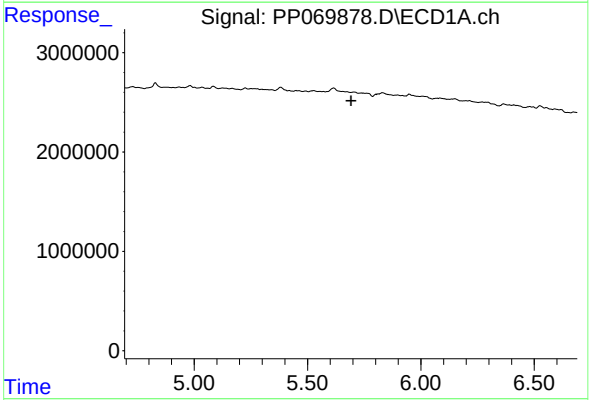
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



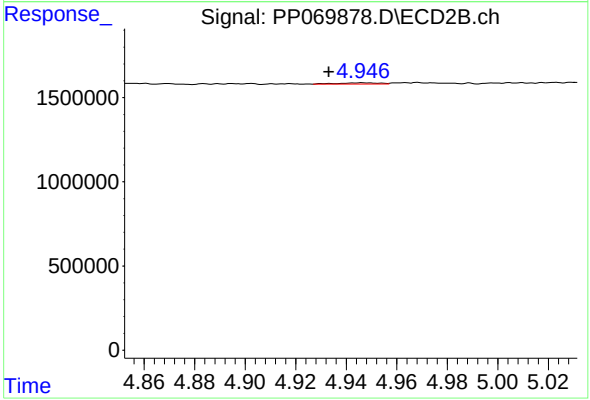
#15 AR-1232-5

R.T.: 5.368 min
Delta R.T.: -0.018 min
Response: 826716
Conc: 67.71 ng/ml



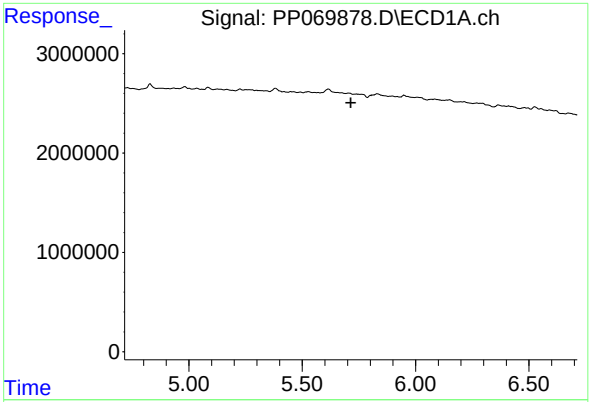
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

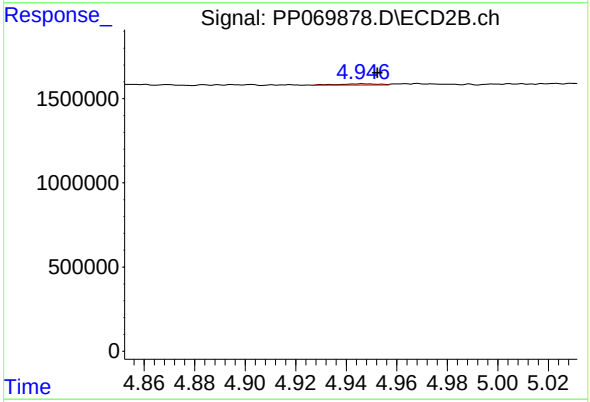
R.T.: 4.947 min
Delta R.T.: 0.013 min
Response: 85807
Conc: 2.98 ng/ml



#17 AR-1242-2

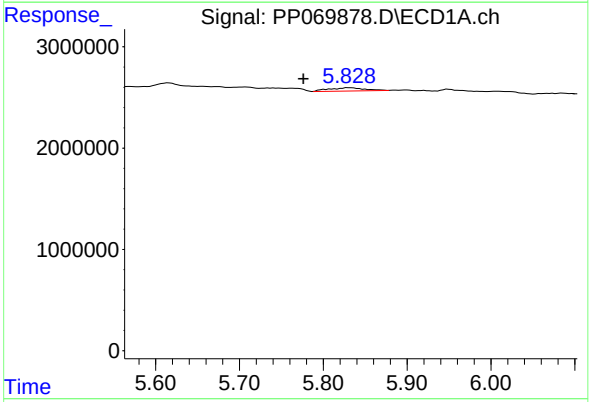
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



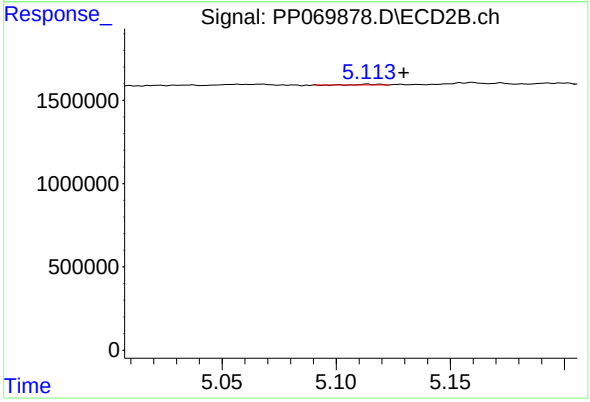
#17 AR-1242-2

R.T.: 4.947 min
Delta R.T.: -0.006 min
Response: 85807
Conc: 2.18 ng/ml



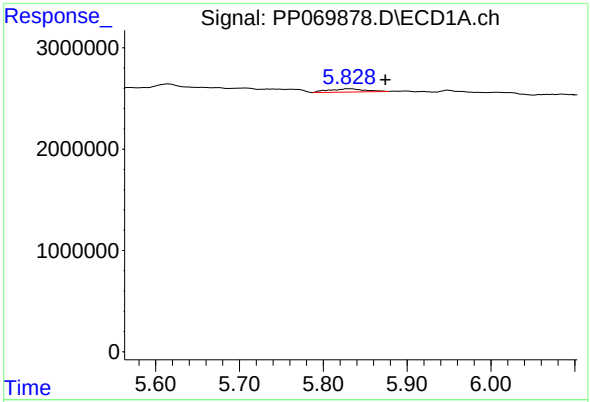
#18 AR-1242-3

R.T.: 5.830 min
Delta R.T.: 0.054 min
Response: 934838
Conc: 25.20 ng/ml



#18 AR-1242-3

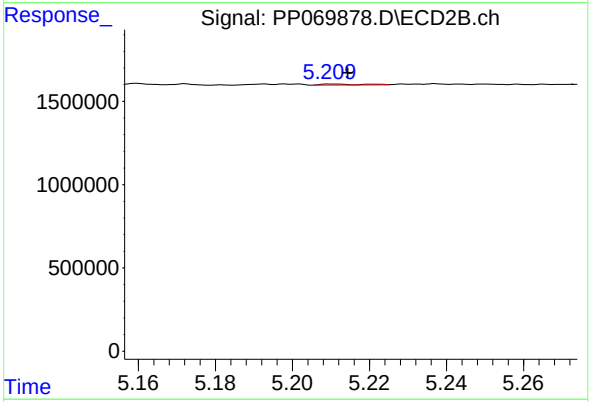
R.T.: 5.114 min
Delta R.T.: -0.016 min
Response: 23900
Conc: 1.06 ng/ml



#19 AR-1242-4

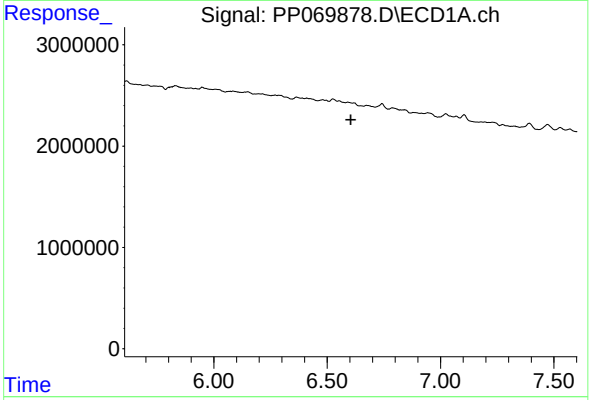
R.T.: 5.830 min
Delta R.T.: -0.044 min
Response: 934838
Conc: 28.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



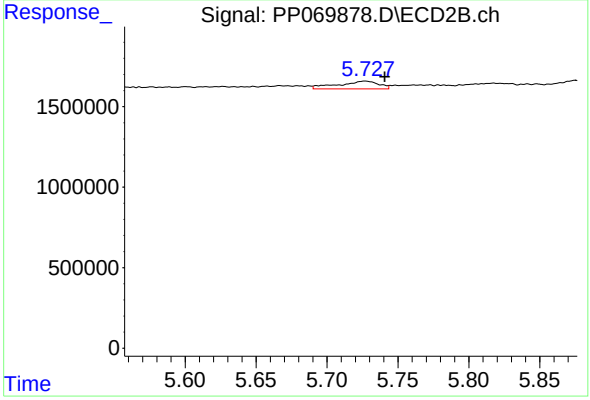
#19 AR-1242-4

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 45328
Conc: 2.10 ng/ml



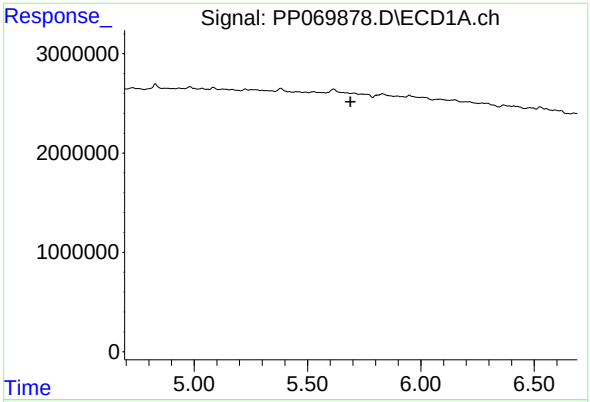
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

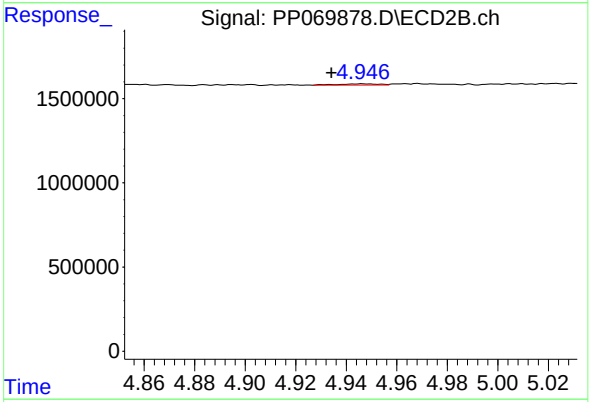
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 962106
Conc: 33.44 ng/ml



#21 AR-1248-1

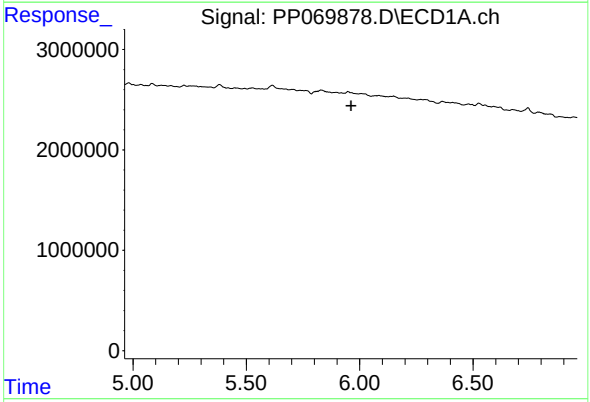
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



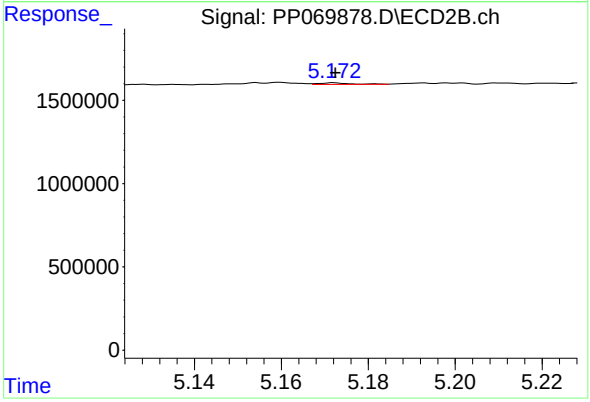
#21 AR-1248-1

R.T.: 4.947 min
Delta R.T.: 0.012 min
Response: 85807
Conc: 3.90 ng/ml



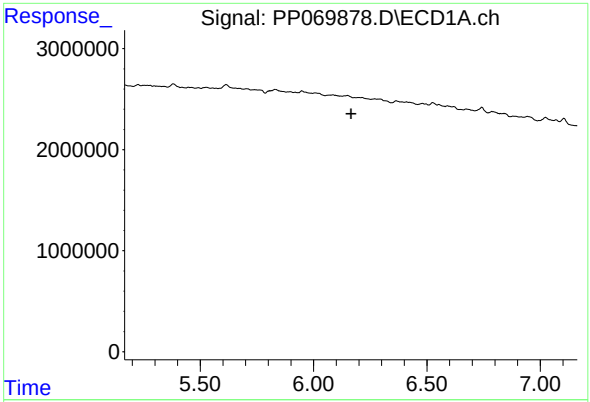
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

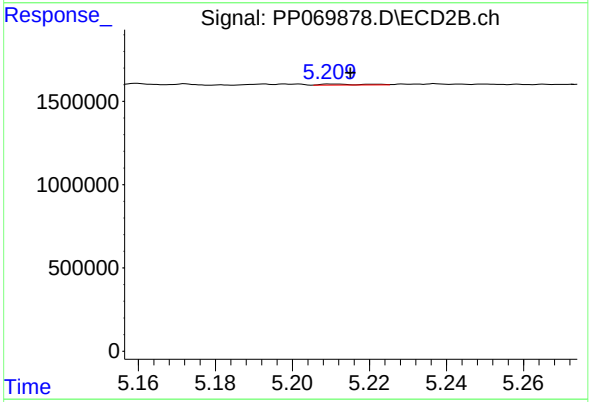
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 50117
Conc: 1.67 ng/ml



#23 AR-1248-3

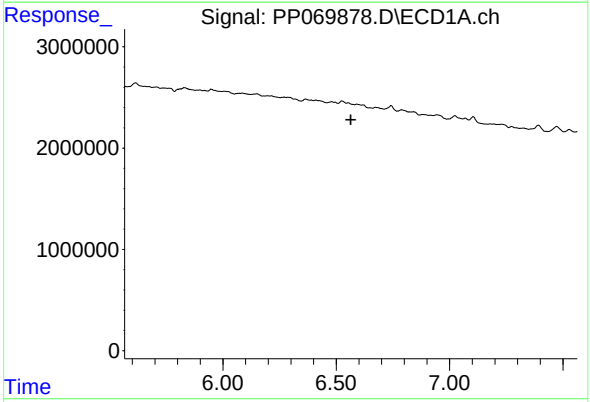
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



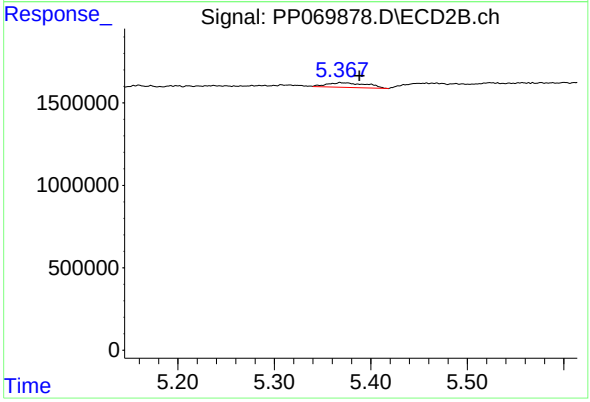
#23 AR-1248-3

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 45328
Conc: 1.46 ng/ml



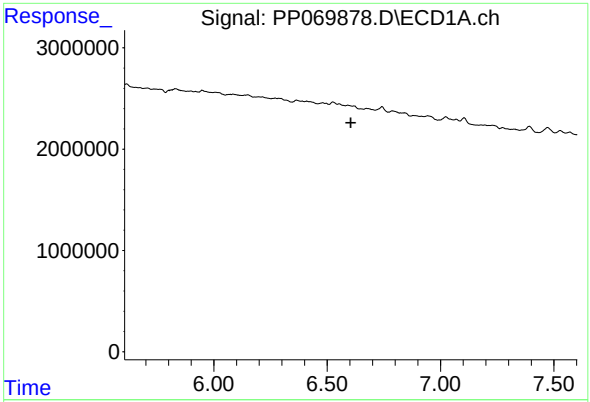
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



#24 AR-1248-4

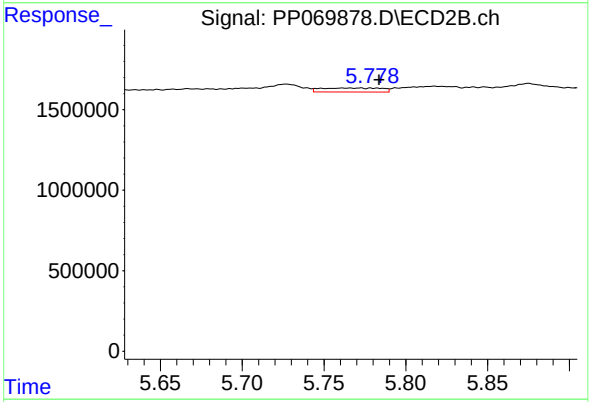
R.T.: 5.368 min
Delta R.T.: -0.020 min
Response: 826716
Conc: 22.38 ng/ml



#25 AR-1248-5

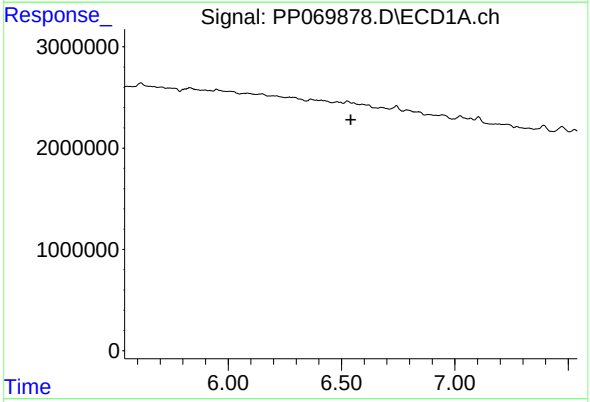
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



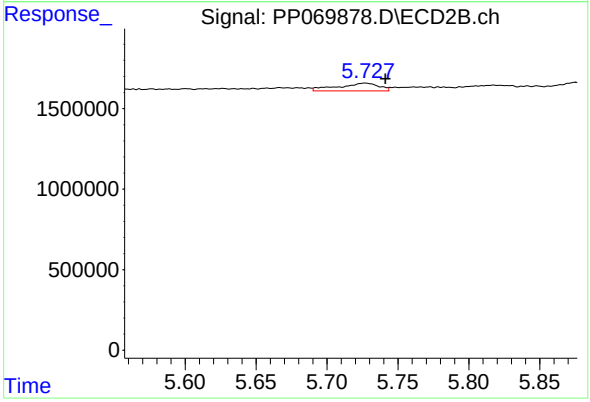
#25 AR-1248-5

R.T.: 5.779 min
Delta R.T.: -0.005 min
Response: 642454
Conc: 17.18 ng/ml



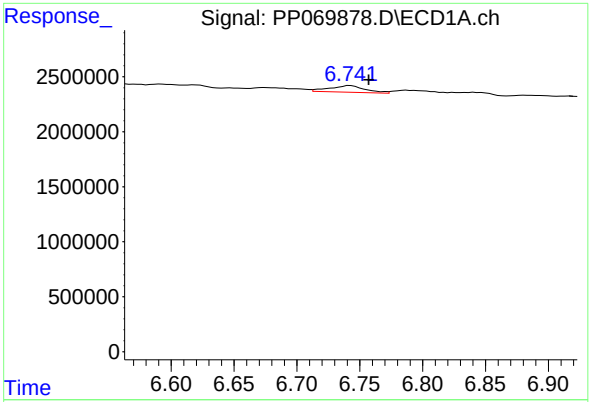
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.541 min
Response: 0
Conc: N.D.



#26 AR-1254-1

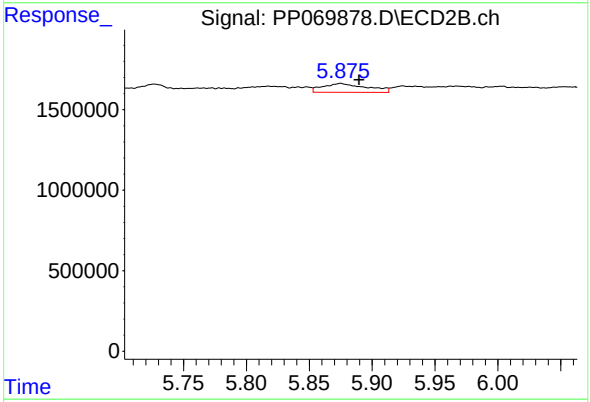
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 962106
Conc: 17.48 ng/ml



#27 AR-1254-2

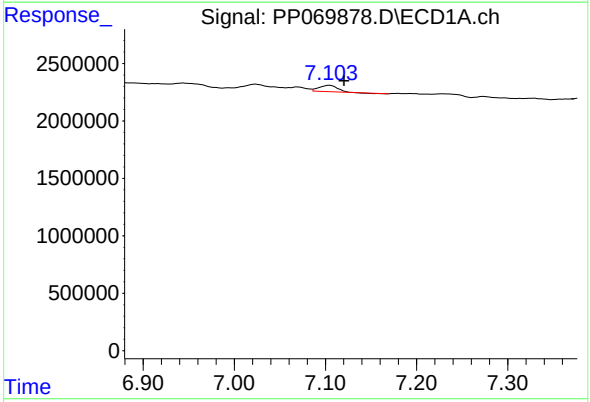
R.T.: 6.743 min
Delta R.T.: -0.015 min
Response: 1223818
Conc: 15.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



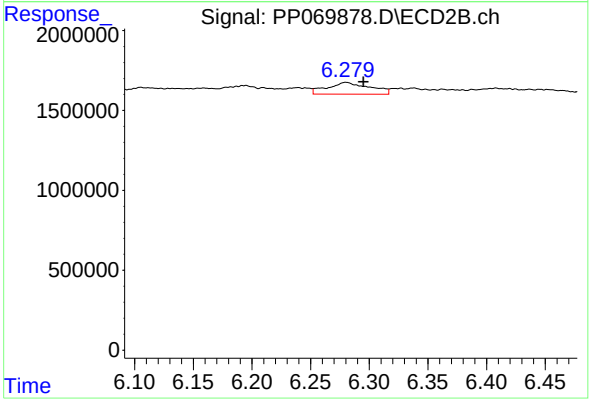
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 1330538
Conc: 27.51 ng/ml



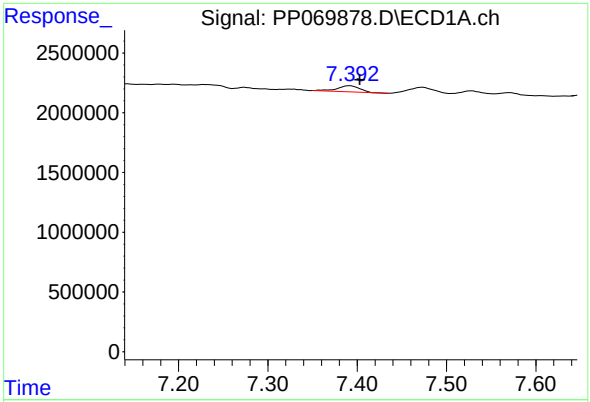
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.016 min
Response: 748723
Conc: 8.88 ng/ml



#28 AR-1254-3

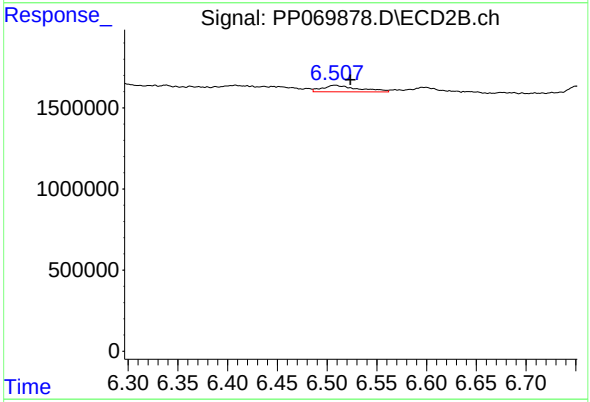
R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 1844492
Conc: 24.30 ng/ml



#29 AR-1254-4

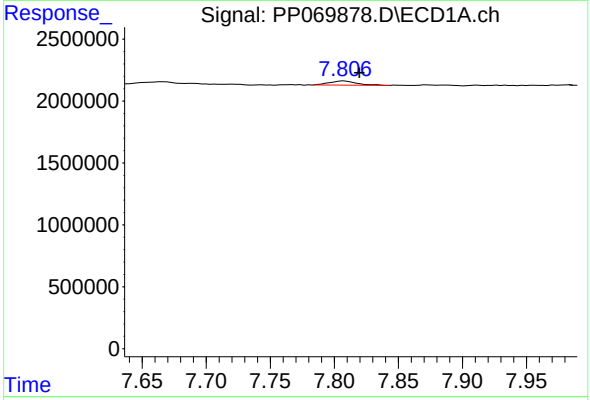
R.T.: 7.393 min
Delta R.T.: -0.010 min
Response: 921223
Conc: 13.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



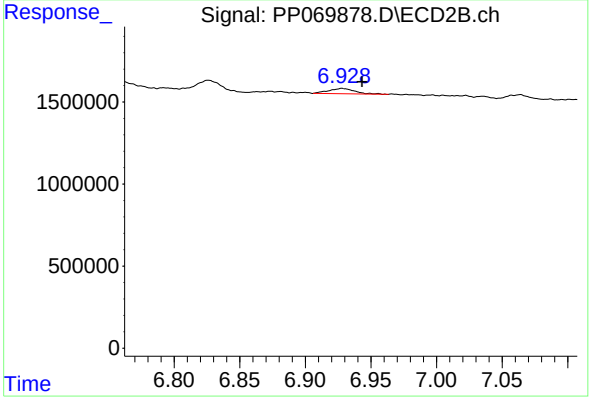
#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.016 min
Response: 1018281
Conc: 19.87 ng/ml



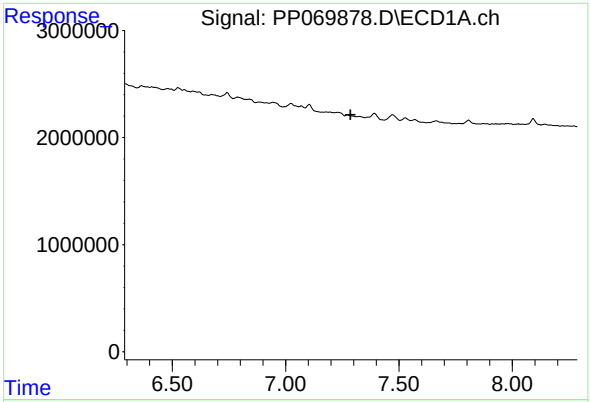
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.012 min
Response: 504726
Conc: 7.42 ng/ml



#30 AR-1254-5

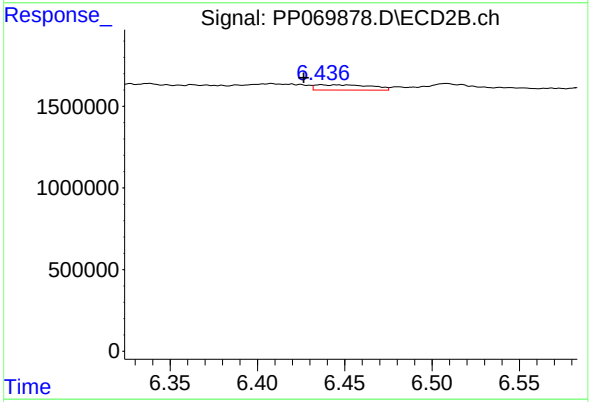
R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 444697
Conc: 6.68 ng/ml



#31 AR-1260-1

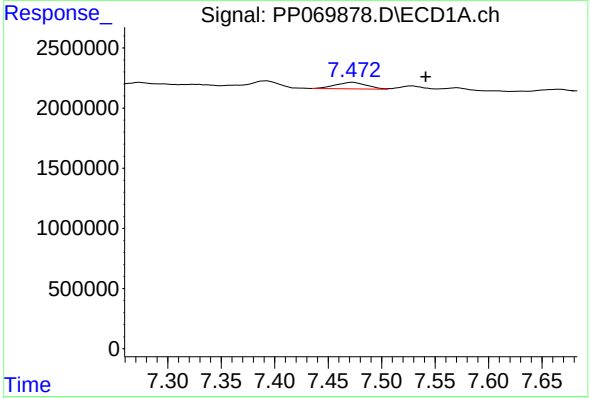
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



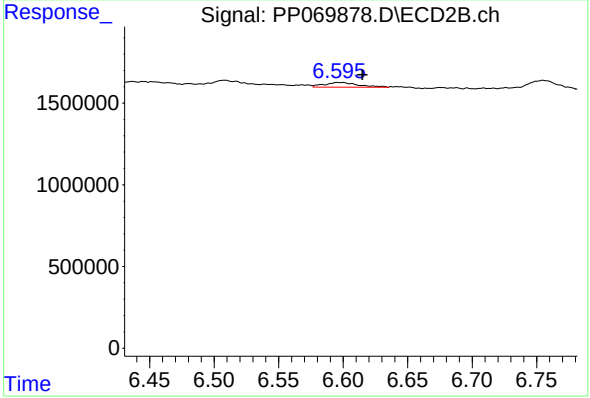
#31 AR-1260-1

R.T.: 6.437 min
Delta R.T.: 0.010 min
Response: 709380
Conc: 14.71 ng/ml



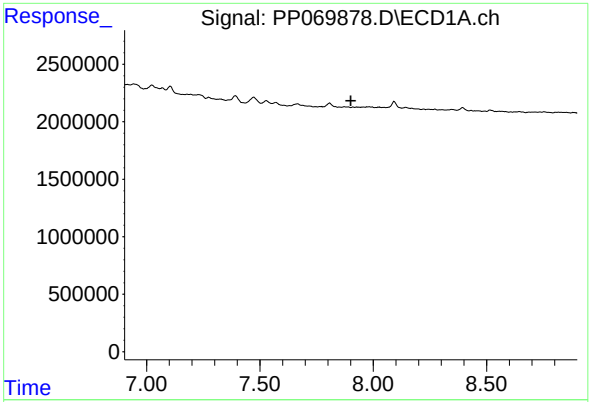
#32 AR-1260-2

R.T.: 7.473 min
Delta R.T.: -0.068 min
Response: 1091418
Conc: 14.03 ng/ml



#32 AR-1260-2

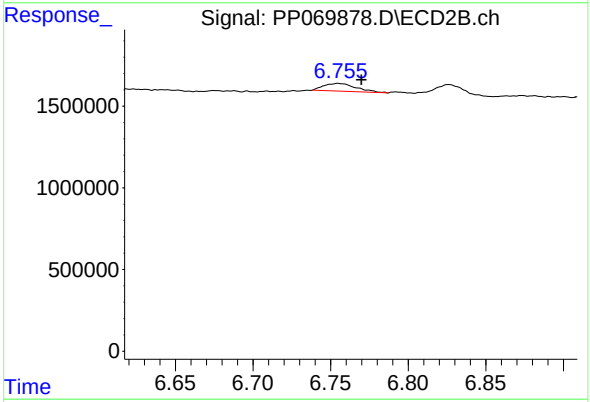
R.T.: 6.596 min
Delta R.T.: -0.019 min
Response: 531263
Conc: 8.67 ng/ml



#33 AR-1260-3

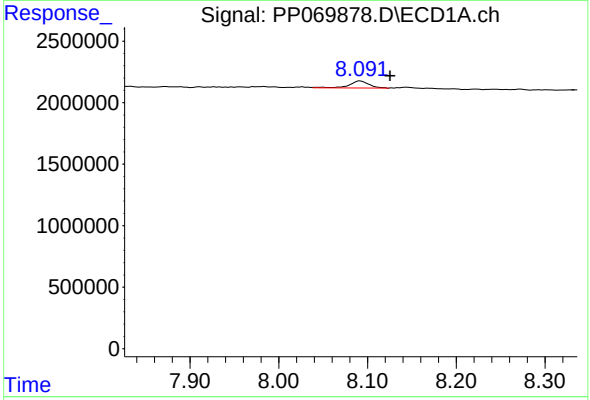
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



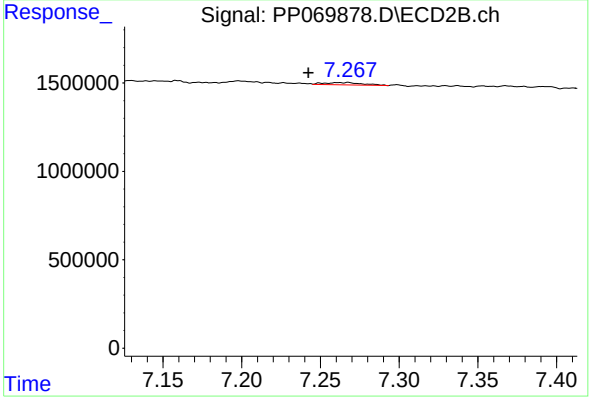
#33 AR-1260-3

R.T.: 6.755 min
Delta R.T.: -0.015 min
Response: 675891
Conc: 11.24 ng/ml



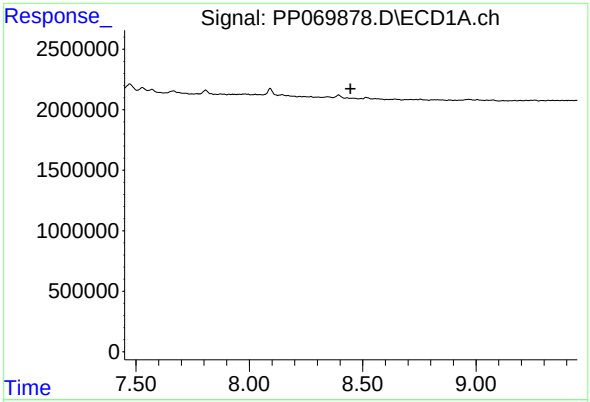
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.033 min
Response: 878881
Conc: 13.32 ng/ml



#34 AR-1260-4

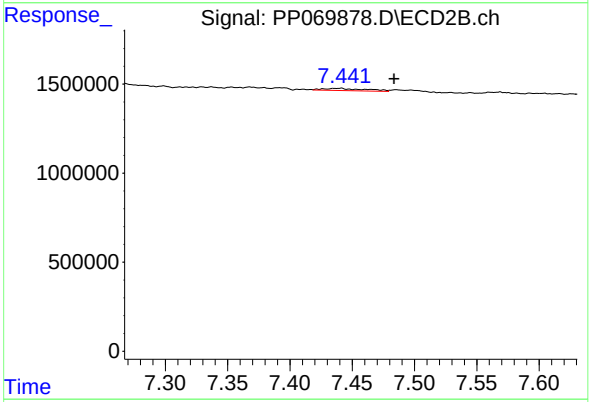
R.T.: 7.268 min
Delta R.T.: 0.025 min
Response: 218944
Conc: 4.71 ng/ml



#35 AR-1260-5

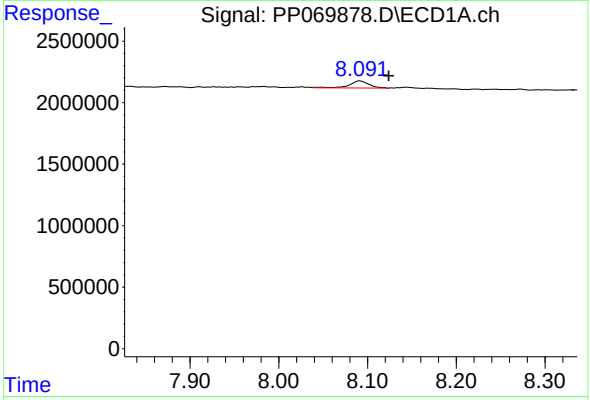
R.T.: 0.000 min
Exp R.T. : 8.447 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



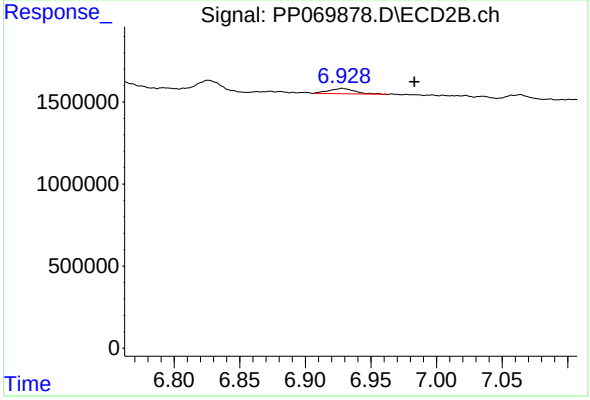
#35 AR-1260-5

R.T.: 7.441 min
Delta R.T.: -0.043 min
Response: 291206
Conc: 2.62 ng/ml



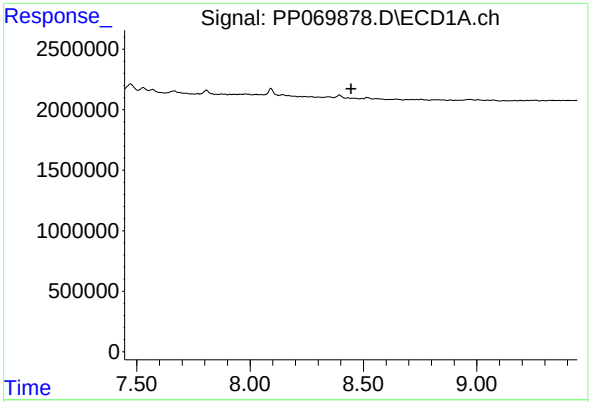
#36 AR-1262-1

R.T.: 8.092 min
Delta R.T.: -0.032 min
Response: 878881
Conc: 11.12 ng/ml



#36 AR-1262-1

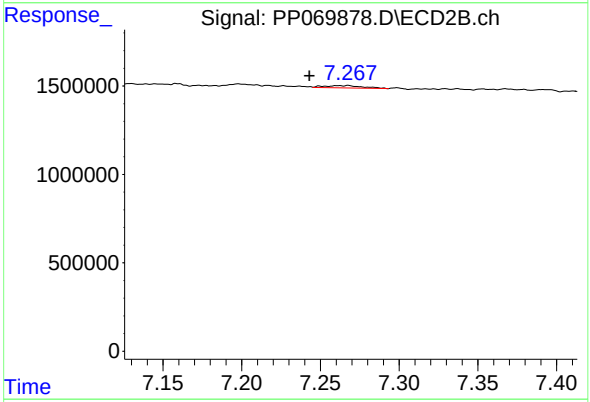
R.T.: 6.928 min
Delta R.T.: -0.055 min
Response: 444697
Conc: 6.26 ng/ml



#37 AR-1262-2

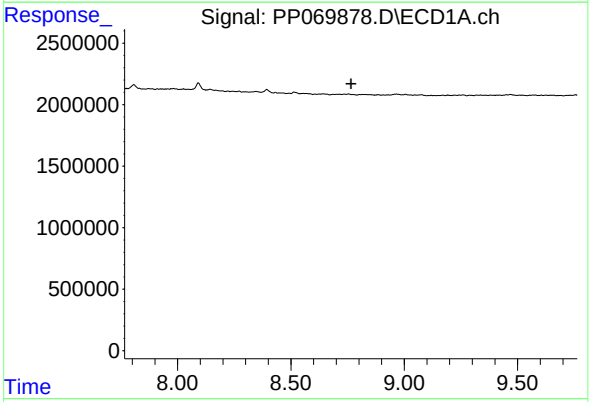
R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



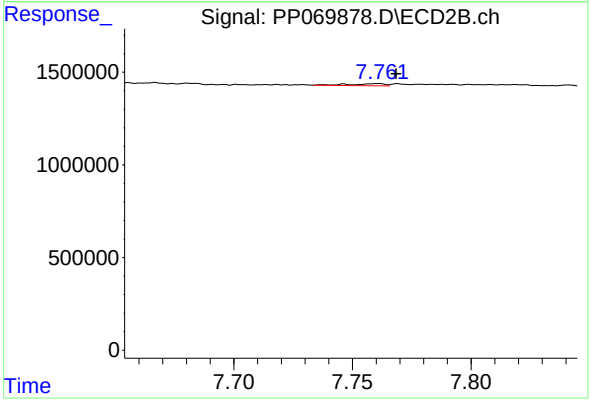
#37 AR-1262-2

R.T.: 7.268 min
Delta R.T.: 0.025 min
Response: 218944
Conc: 3.59 ng/ml



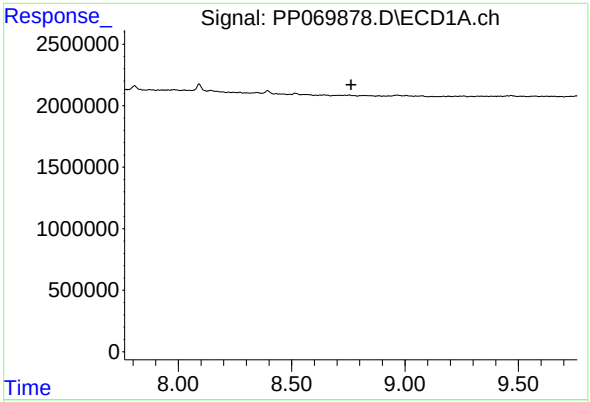
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

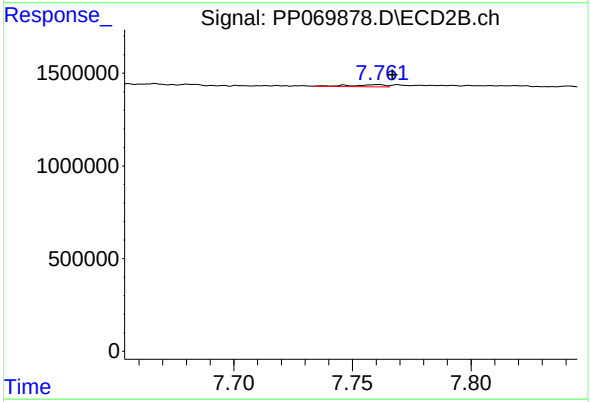
R.T.: 7.760 min
Delta R.T.: -0.008 min
Response: 124945
Conc: 2.39 ng/ml



#41 AR-1268-1

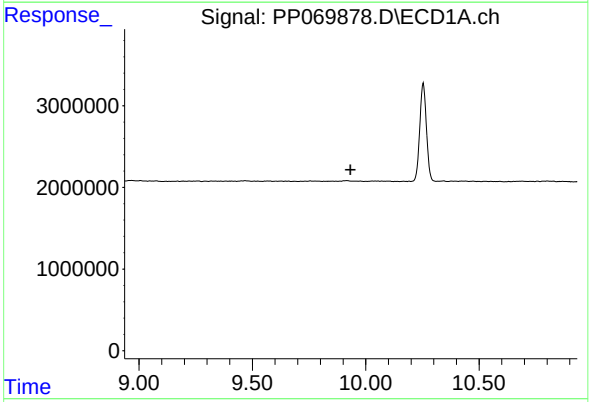
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725



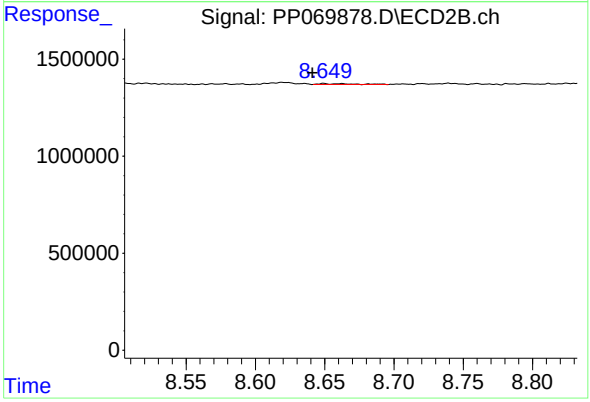
#41 AR-1268-1

R.T.: 7.760 min
Delta R.T.: -0.007 min
Response: 124945
Conc: 0.86 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.649 min
Delta R.T.: 0.008 min
Response: 76421
Conc: 0.21 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:36
Operator : YP\AJ
Sample : Q1383-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : ECD_P
ClientSampleId : OU4-PCS-TC-18-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:41:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.830	35562844	20756548	24.843	23.256	
2)	SA Decachlor...	10.250	8.888	20887434	22017107	19.112	19.685	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.941	0	52435	N.D.	1.608	#
4)	L1 AR-1016-2	0.000	4.941	0	52435	N.D.	1.166	#
5)	L1 AR-1016-3	0.000	5.133	0	62866	N.D.	2.526	#
6)	L1 AR-1016-4	0.000	5.166	0	81559	N.D.	4.038	#
7)	L1 AR-1016-5	0.000	5.384	0	293735	N.D.	10.951	#
8)	L2 AR-1221-1	0.000	4.051	0	45197	N.D.	3.669	#
9)	L2 AR-1221-2	4.826	4.135	620141	618832	45.291	63.907	#
10)	L2 AR-1221-3	0.000	4.220	0	42506	N.D.	1.457	#
11)	L3 AR-1232-1	0.000	4.220	0	42506	N.D.	1.810	#
12)	L3 AR-1232-2	0.000	4.941	0	52435	N.D.	2.224	#
13)	L3 AR-1232-3	0.000	5.133	0	62866	N.D.	4.856	#
14)	L3 AR-1232-4	0.000	5.226	0	109721	N.D.	9.897	#
15)	L3 AR-1232-5	0.000	5.384	0	293735	N.D.	24.056	#
16)	L4 AR-1242-1	0.000	4.941	0	52435	N.D.	1.819	#
17)	L4 AR-1242-2	0.000	4.941	0	52435	N.D.	1.331	#
18)	L4 AR-1242-3	0.000	5.133	0	62866	N.D.	2.794	#
19)	L4 AR-1242-4	0.000	5.226	0	109721	N.D.	5.084	#
20)	L4 AR-1242-5	0.000	5.724	0	716308	N.D.	24.899	#
21)	L5 AR-1248-1	0.000	4.941	0	52435	N.D.	2.382	#
22)	L5 AR-1248-2	0.000	5.166	0	81559	N.D.	2.713	#
23)	L5 AR-1248-3	0.000	5.226	0	109721	N.D.	3.541	#
24)	L5 AR-1248-4	0.000	5.384	0	293735	N.D.	7.951	#
25)	L5 AR-1248-5	0.000	5.776	0	126316	N.D.	3.378	#
26)	L6 AR-1254-1	0.000	5.724	0	716308	N.D.	13.011	#
27)	L6 AR-1254-2	0.000	5.875	0	934659	N.D.	19.324	#
28)	L6 AR-1254-3	0.000	6.281	0	2727000	N.D.	35.931	#
29)	L6 AR-1254-4	7.467f	0.000	1303546	0	19.117	N.D.	#
30)	L6 AR-1254-5	0.000	6.929	0	214093	N.D.	3.217	#
31)	L7 AR-1260-1	0.000	6.407	0	753394	N.D.	15.621	#
32)	L7 AR-1260-2	7.530	6.596	370723	305418	4.764	4.982	
33)	L7 AR-1260-3	0.000	6.757	0	480651	N.D.	7.990	#
34)	L7 AR-1260-4	8.088f	7.264	694855	330000	10.532	7.102	#
36)	L8 AR-1262-1	8.088f	6.929f	694855	214093	8.794	3.015	#
37)	L8 AR-1262-2	0.000	7.264	0	330000	N.D.	5.412	#
40)	L8 AR-1262-5	0.000	8.273f	0	39688	N.D.	0.830	#
43)	L9 AR-1268-3	0.000	8.030	0	45059	N.D.	0.396	#
44)	L9 AR-1268-4	0.000	8.273f	0	39688	N.D.	0.762	#
45)	L9 AR-1268-5	0.000	8.621	0	105919	N.D.	0.297	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:36
Operator : YP\AJ
Sample : Q1383-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:41:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

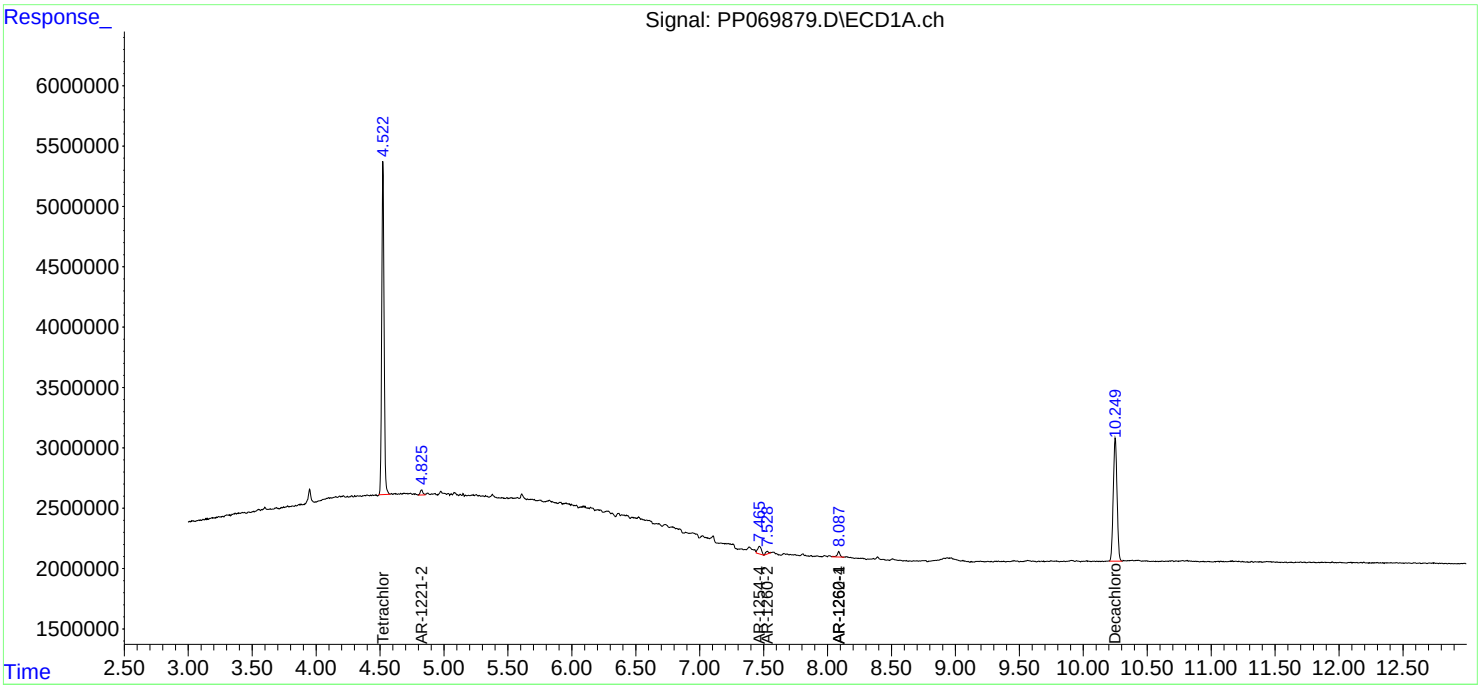
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

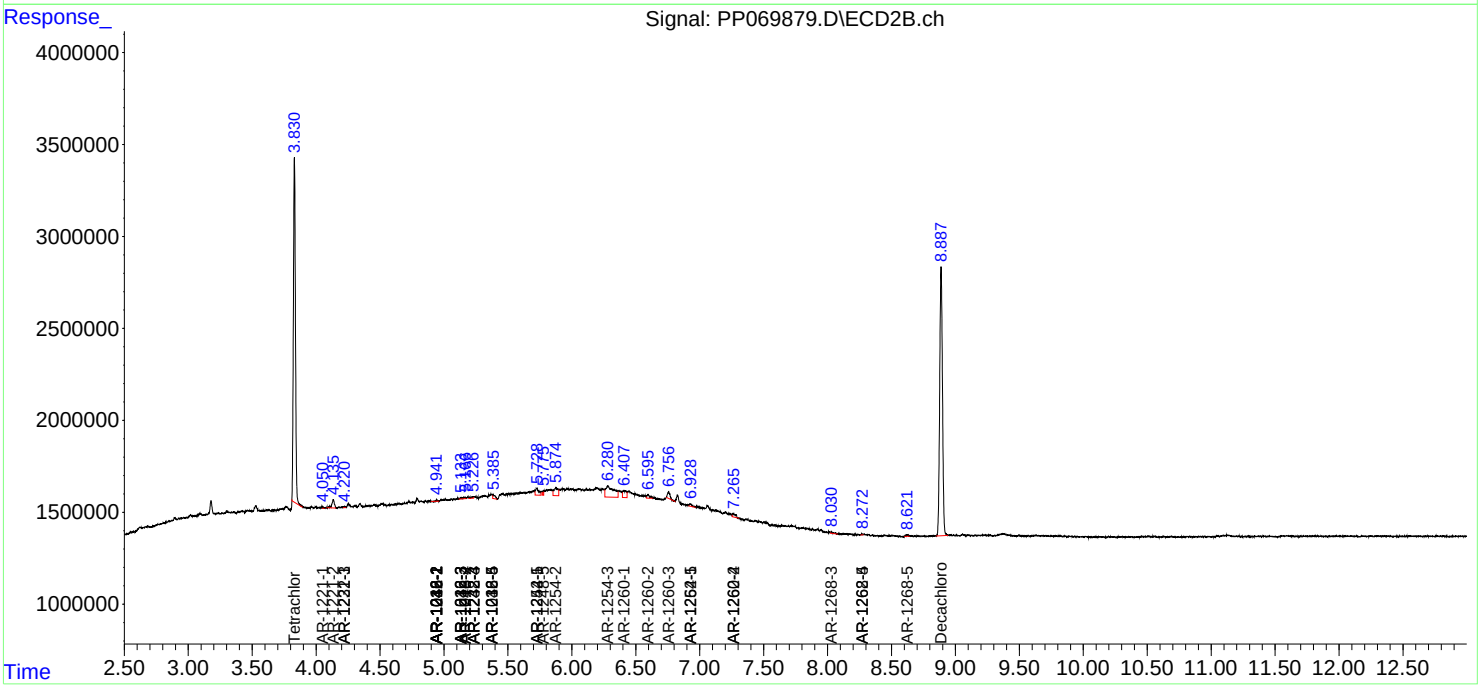
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:36
Operator : YP\AJ
Sample : Q1383-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

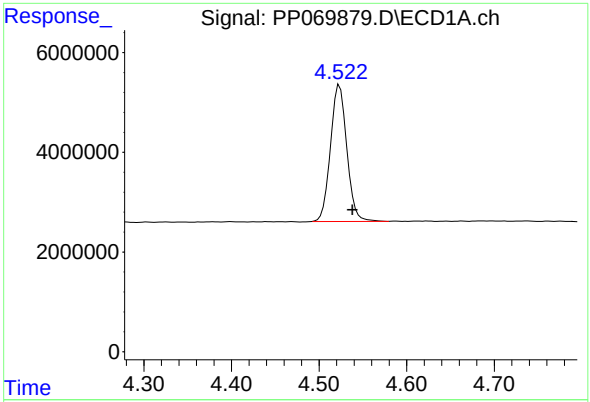
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:41:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



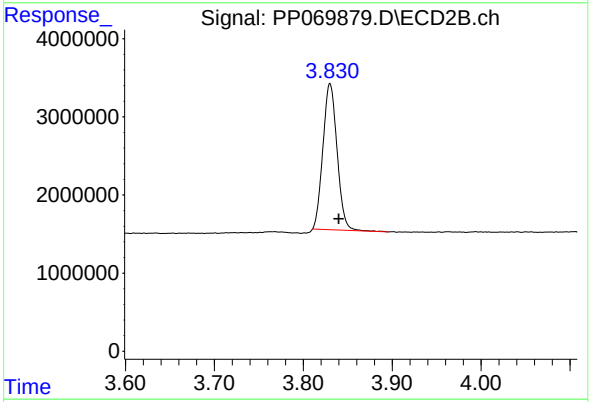




#1 Tetrachloro-m-xylene

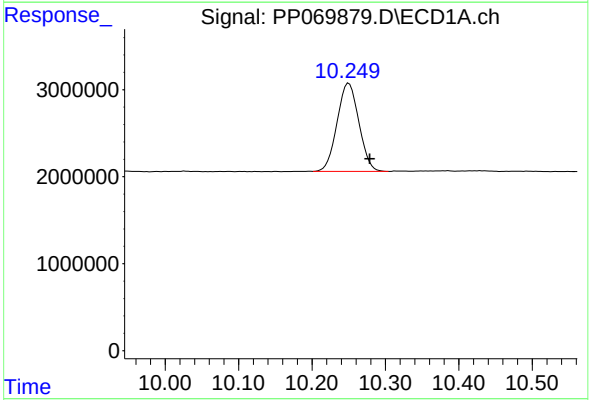
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 35562844
Conc: 24.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



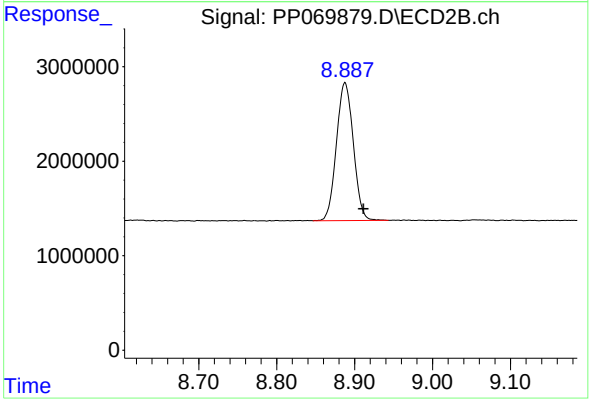
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 20756548
Conc: 23.26 ng/ml



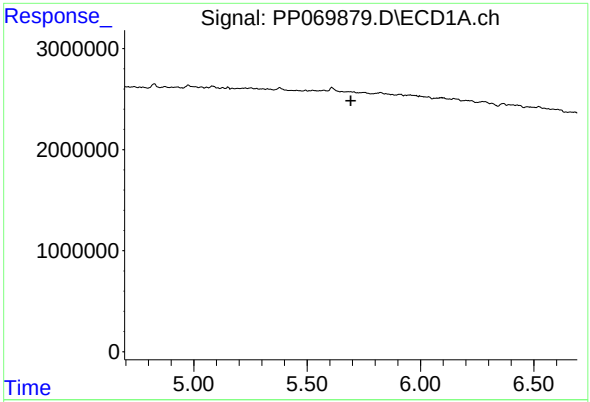
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.028 min
Response: 20887434
Conc: 19.11 ng/ml



#2 Decachlorobiphenyl

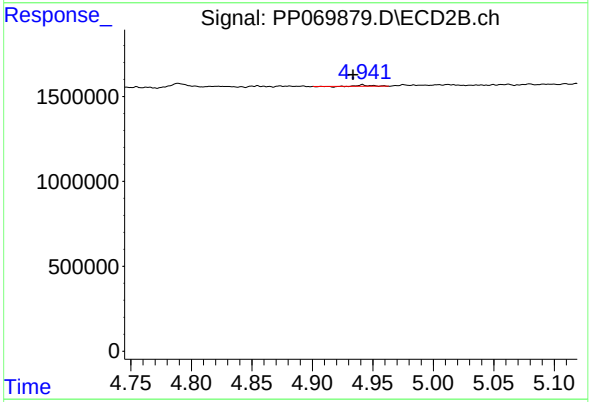
R.T.: 8.888 min
Delta R.T.: -0.024 min
Response: 22017107
Conc: 19.68 ng/ml



#3 AR-1016-1

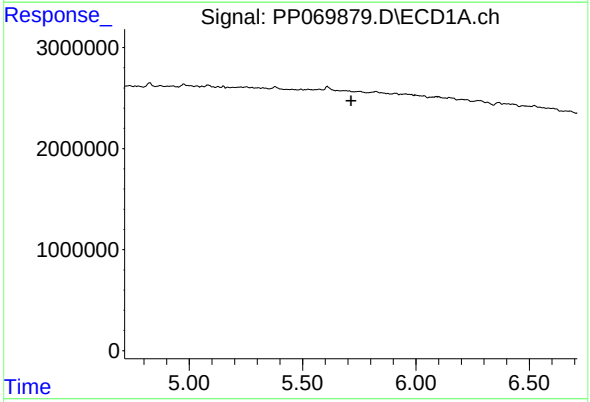
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



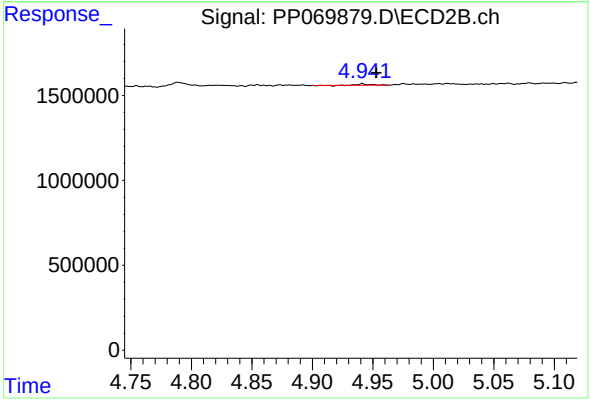
#3 AR-1016-1

R.T.: 4.941 min
Delta R.T.: 0.008 min
Response: 52435
Conc: 1.61 ng/ml



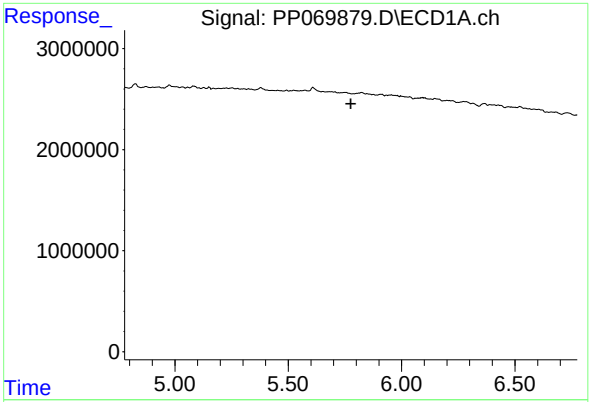
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

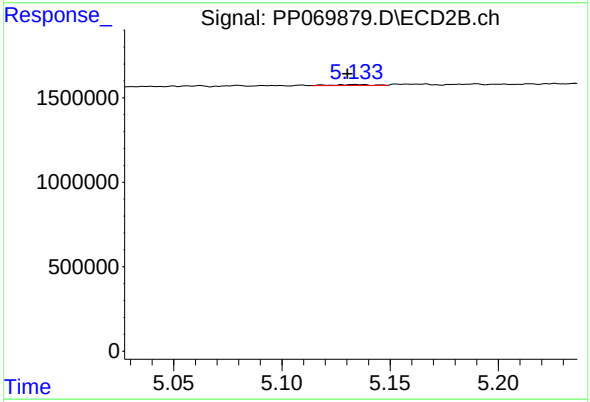
R.T.: 4.941 min
Delta R.T.: -0.011 min
Response: 52435
Conc: 1.17 ng/ml



#5 AR-1016-3

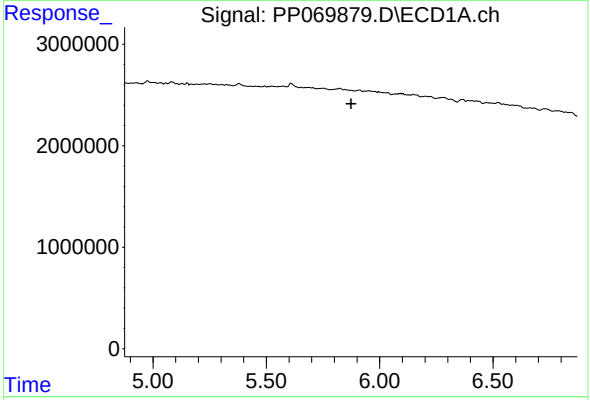
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



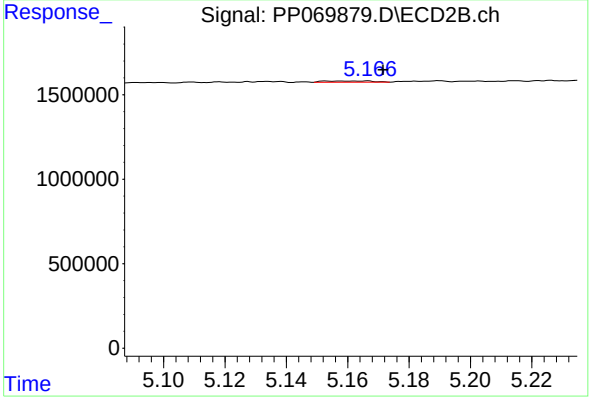
#5 AR-1016-3

R.T.: 5.133 min
Delta R.T.: 0.003 min
Response: 62866
Conc: 2.53 ng/ml



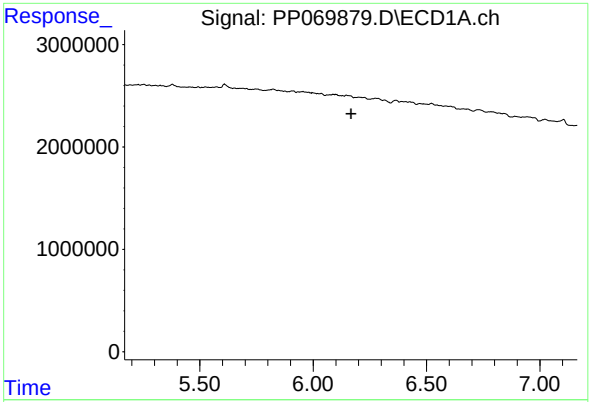
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

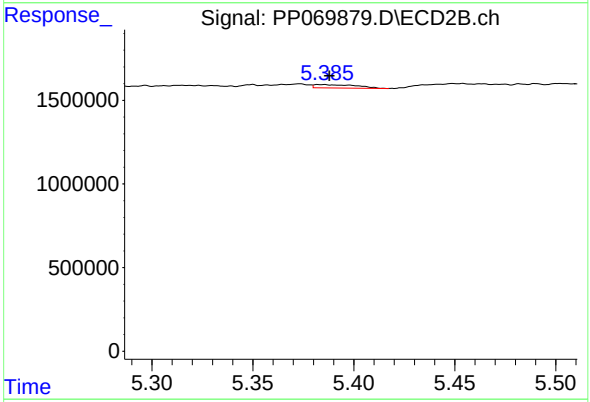
R.T.: 5.166 min
Delta R.T.: -0.005 min
Response: 81559
Conc: 4.04 ng/ml



#7 AR-1016-5

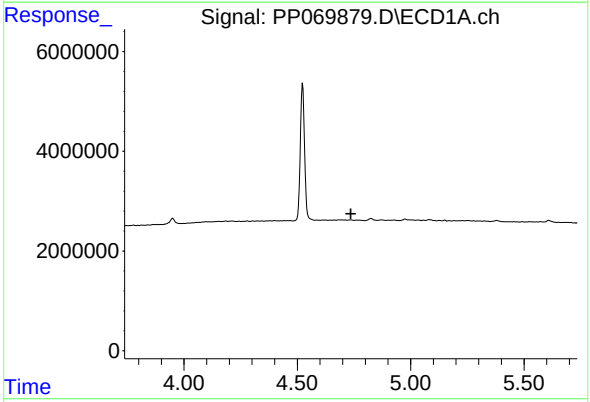
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



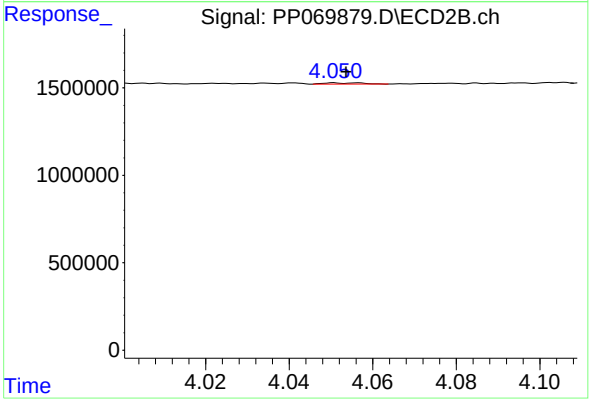
#7 AR-1016-5

R.T.: 5.384 min
Delta R.T.: -0.004 min
Response: 293735
Conc: 10.95 ng/ml



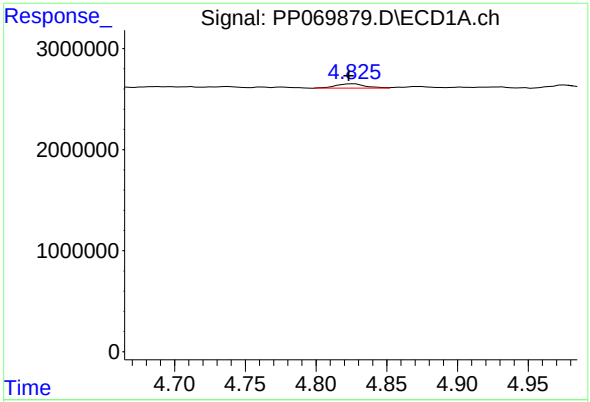
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

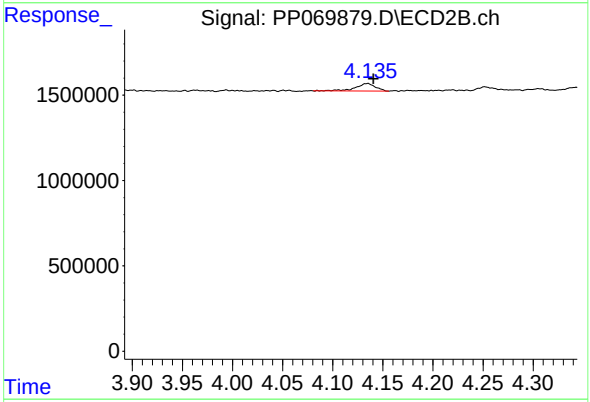
R.T.: 4.051 min
Delta R.T.: -0.003 min
Response: 45197
Conc: 3.67 ng/ml



#9 AR-1221-2

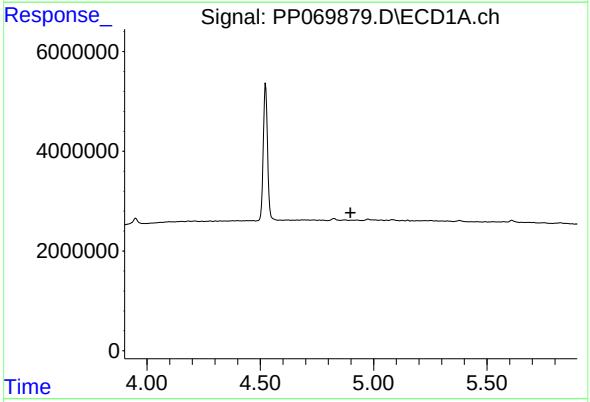
R.T.: 4.826 min
Delta R.T.: 0.003 min
Response: 620141
Conc: 45.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



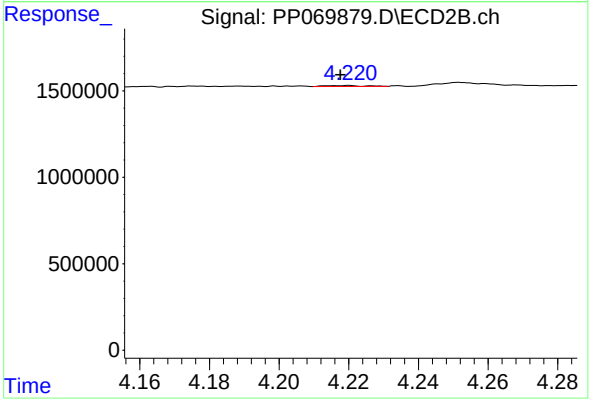
#9 AR-1221-2

R.T.: 4.135 min
Delta R.T.: -0.006 min
Response: 618832
Conc: 63.91 ng/ml



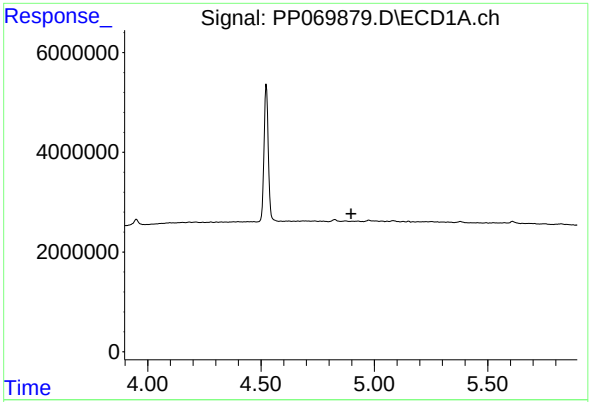
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

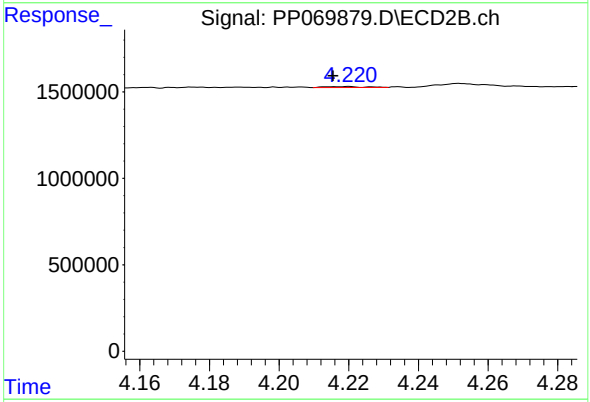
R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 42506
Conc: 1.46 ng/ml



#11 AR-1232-1

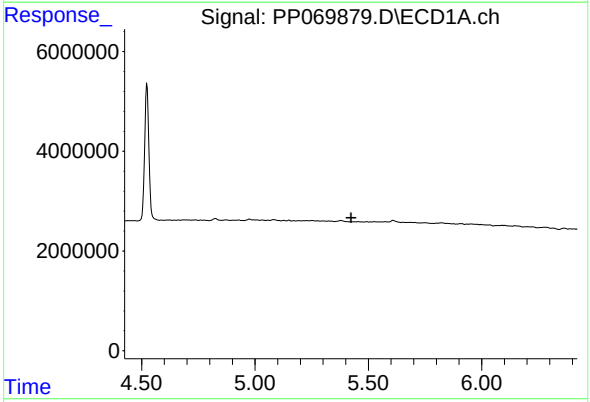
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



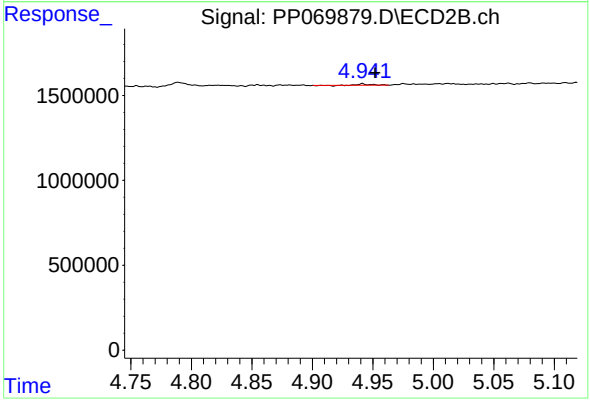
#11 AR-1232-1

R.T.: 4.220 min
Delta R.T.: 0.004 min
Response: 42506
Conc: 1.81 ng/ml



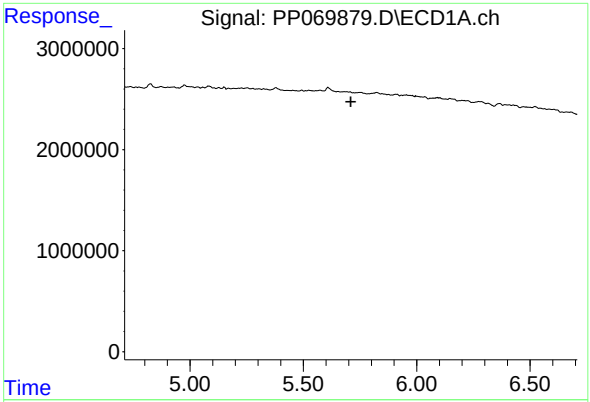
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

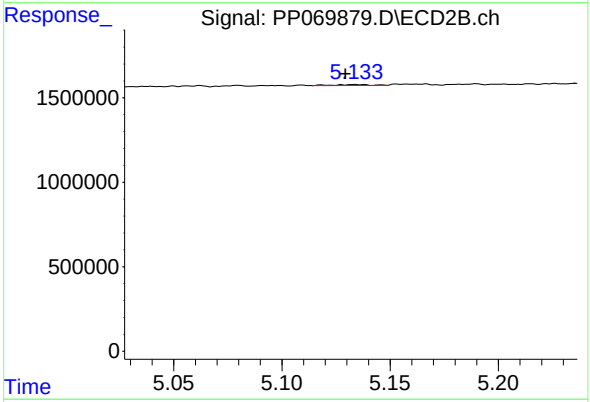
R.T.: 4.941 min
Delta R.T.: -0.011 min
Response: 52435
Conc: 2.22 ng/ml



#13 AR-1232-3

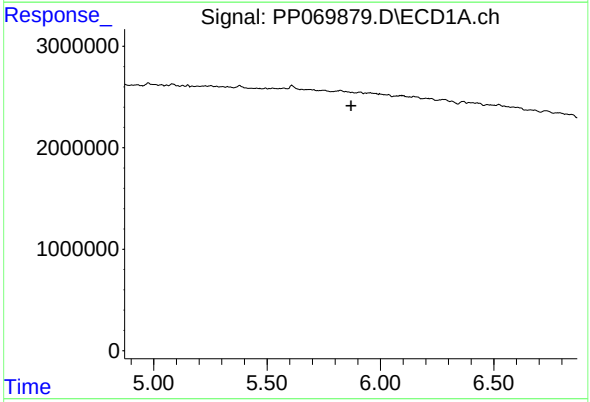
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



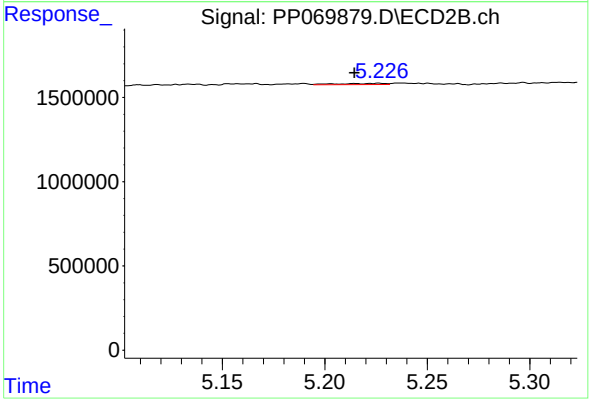
#13 AR-1232-3

R.T.: 5.133 min
Delta R.T.: 0.004 min
Response: 62866
Conc: 4.86 ng/ml



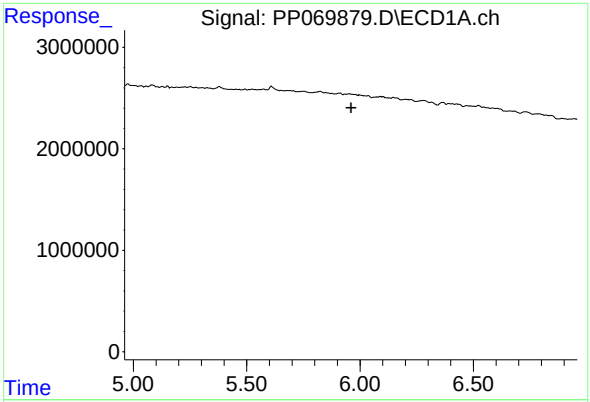
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

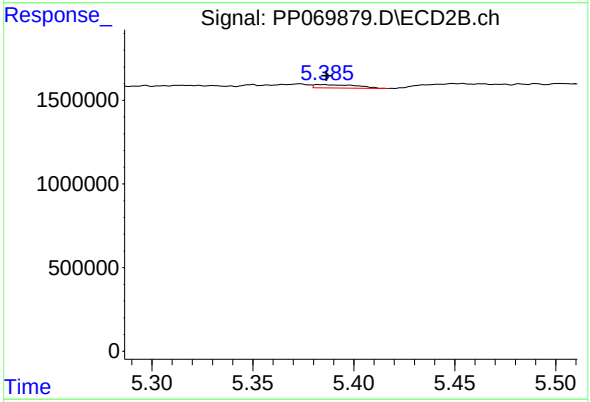
R.T.: 5.226 min
Delta R.T.: 0.012 min
Response: 109721
Conc: 9.90 ng/ml



#15 AR-1232-5

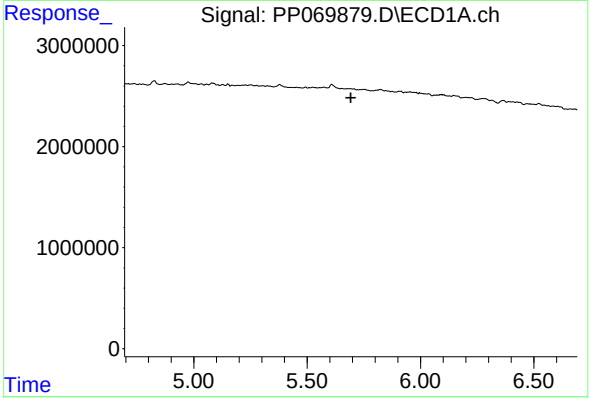
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



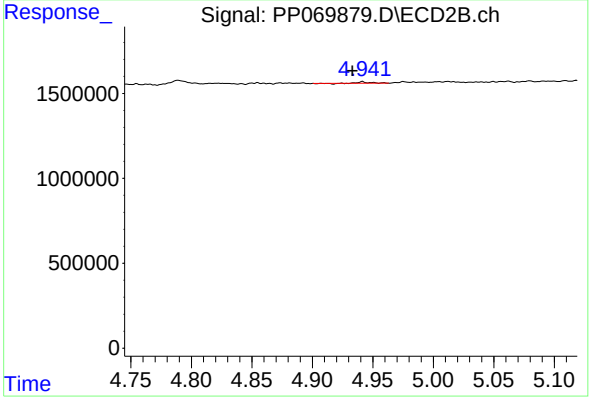
#15 AR-1232-5

R.T.: 5.384 min
Delta R.T.: -0.003 min
Response: 293735
Conc: 24.06 ng/ml



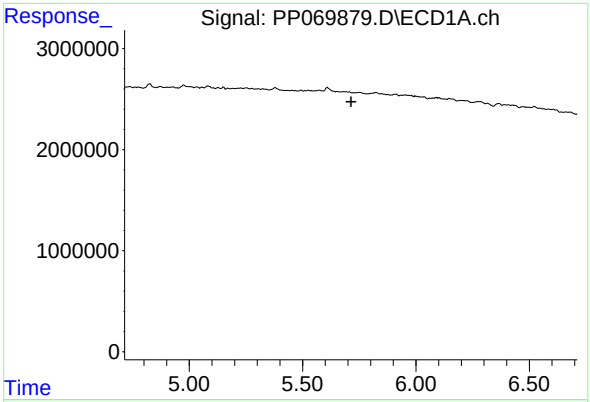
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

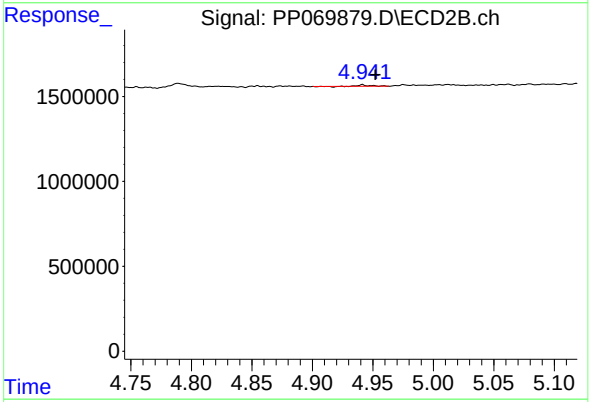
R.T.: 4.941 min
Delta R.T.: 0.008 min
Response: 52435
Conc: 1.82 ng/ml



#17 AR-1242-2

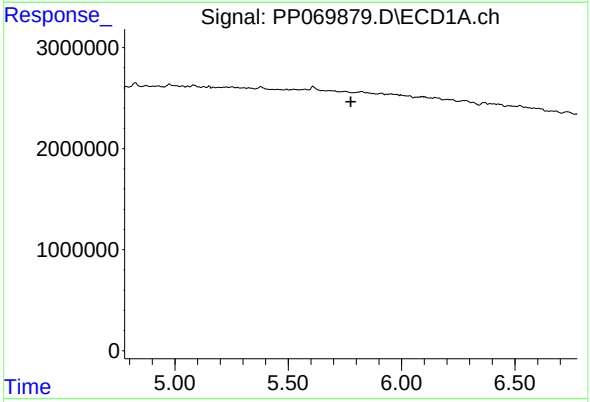
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



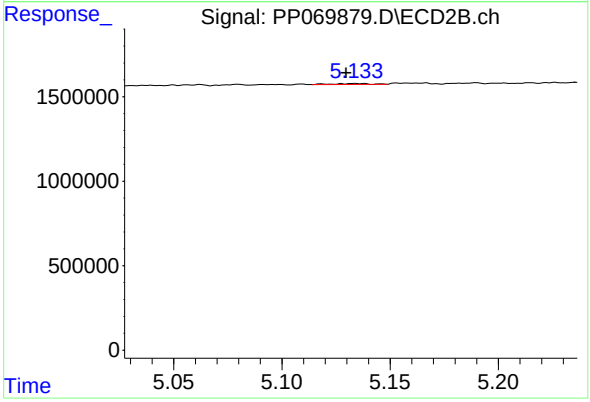
#17 AR-1242-2

R.T.: 4.941 min
Delta R.T.: -0.011 min
Response: 52435
Conc: 1.33 ng/ml



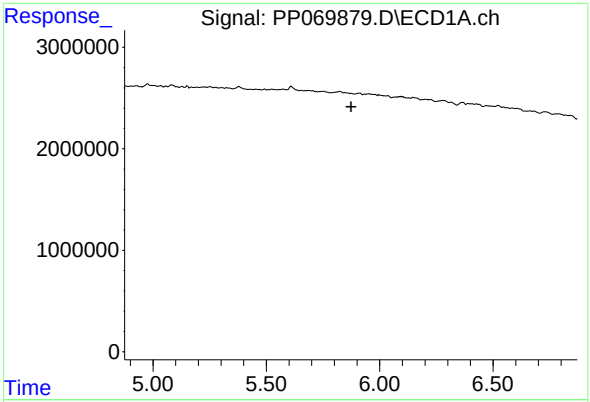
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

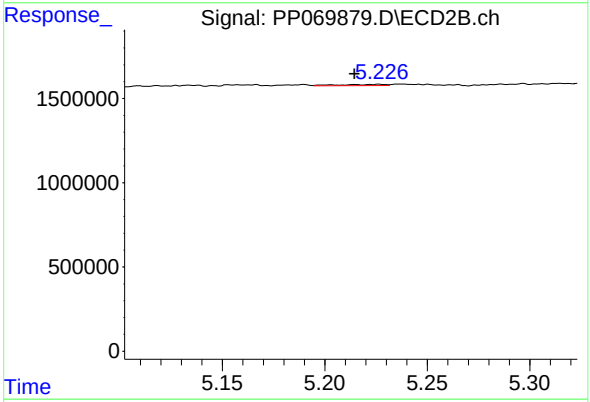
R.T.: 5.133 min
Delta R.T.: 0.004 min
Response: 62866
Conc: 2.79 ng/ml



#19 AR-1242-4

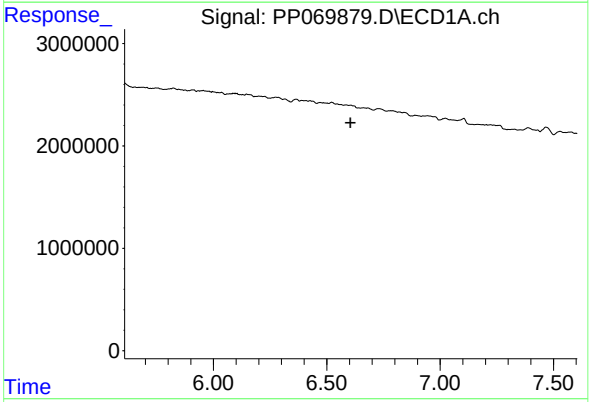
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



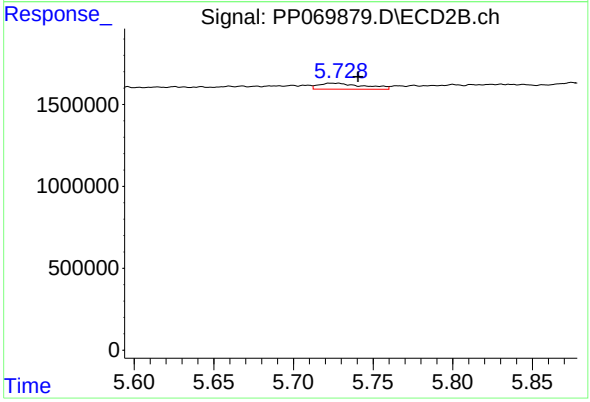
#19 AR-1242-4

R.T.: 5.226 min
Delta R.T.: 0.012 min
Response: 109721
Conc: 5.08 ng/ml



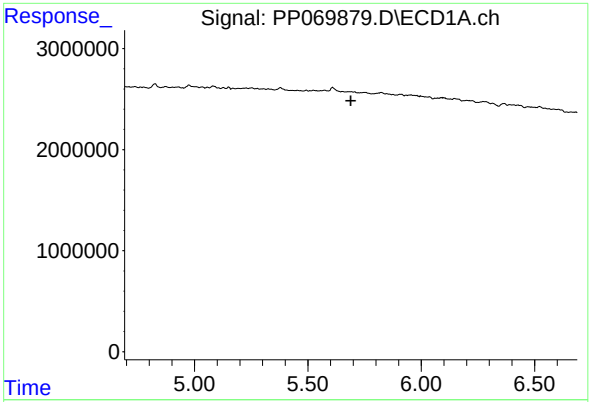
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

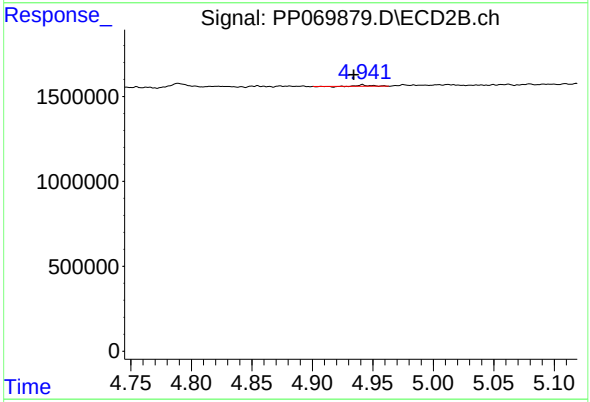
R.T.: 5.724 min
Delta R.T.: -0.017 min
Response: 716308
Conc: 24.90 ng/ml



#21 AR-1248-1

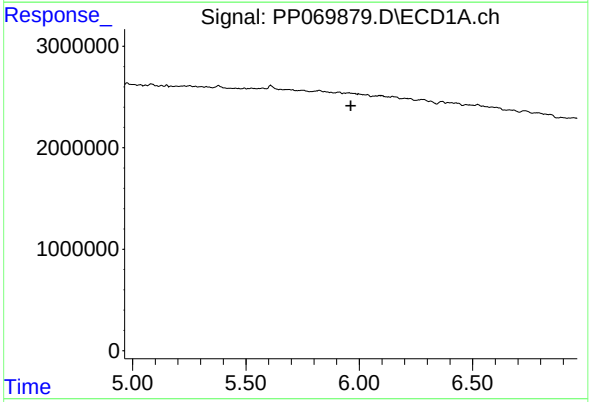
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



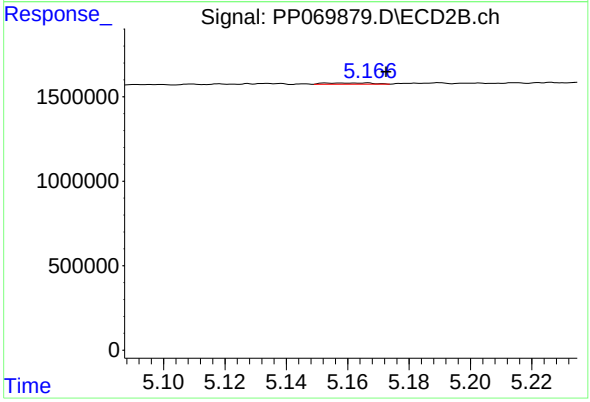
#21 AR-1248-1

R.T.: 4.941 min
Delta R.T.: 0.007 min
Response: 52435
Conc: 2.38 ng/ml



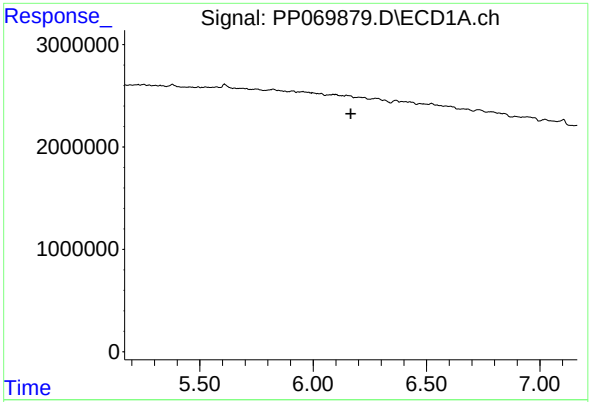
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

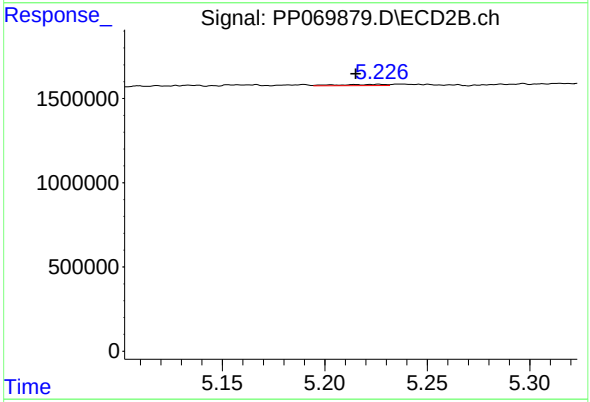
R.T.: 5.166 min
Delta R.T.: -0.006 min
Response: 81559
Conc: 2.71 ng/ml



#23 AR-1248-3

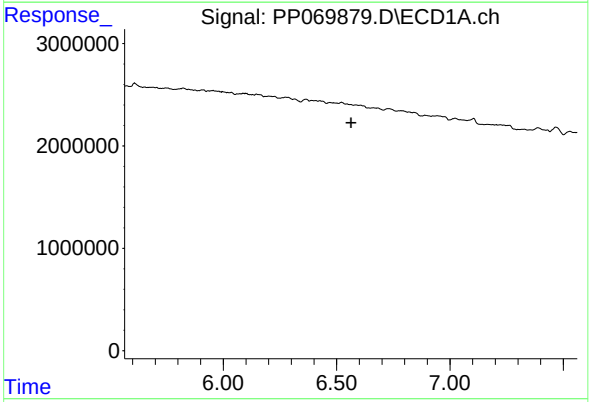
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



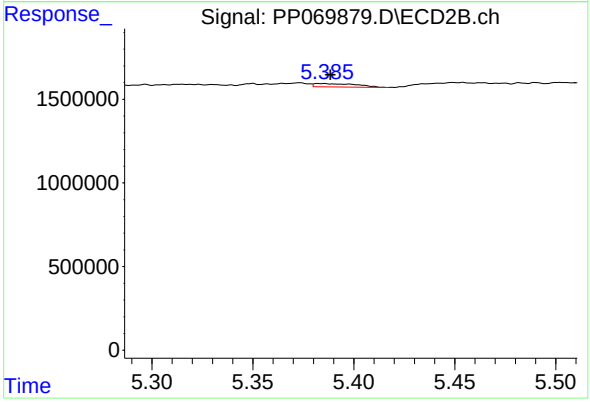
#23 AR-1248-3

R.T.: 5.226 min
Delta R.T.: 0.011 min
Response: 109721
Conc: 3.54 ng/ml



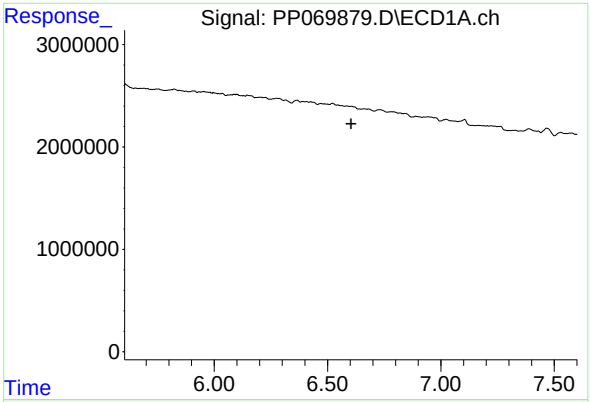
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



#24 AR-1248-4

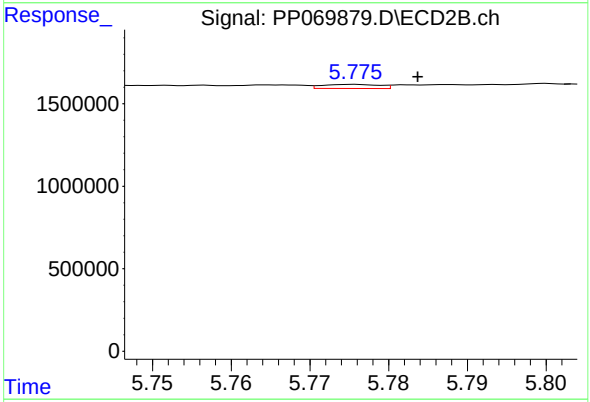
R.T.: 5.384 min
Delta R.T.: -0.004 min
Response: 293735
Conc: 7.95 ng/ml



#25 AR-1248-5

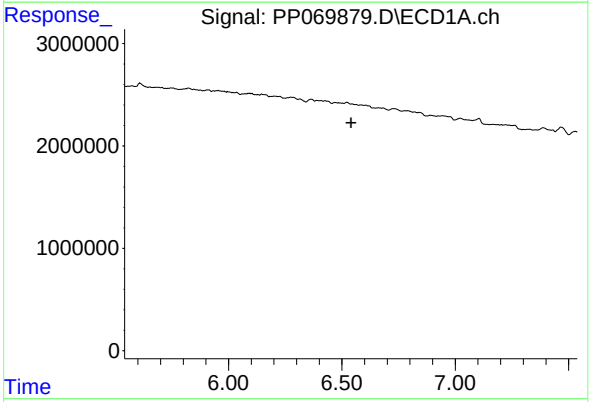
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



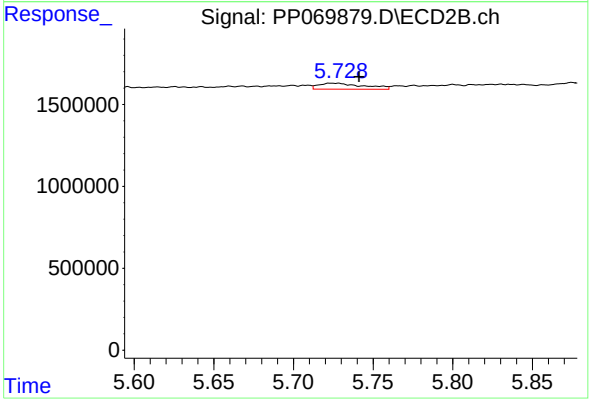
#25 AR-1248-5

R.T.: 5.776 min
Delta R.T.: -0.008 min
Response: 126316
Conc: 3.38 ng/ml



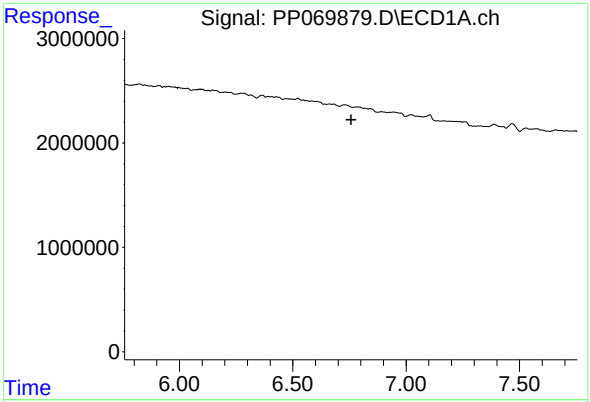
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.541 min
Response: 0
Conc: N.D.



#26 AR-1254-1

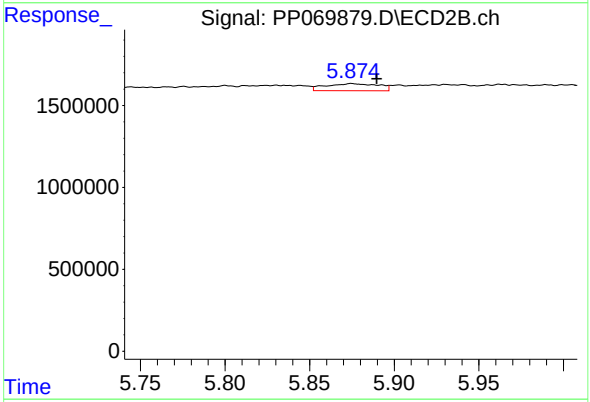
R.T.: 5.724 min
Delta R.T.: -0.017 min
Response: 716308
Conc: 13.01 ng/ml



#27 AR-1254-2

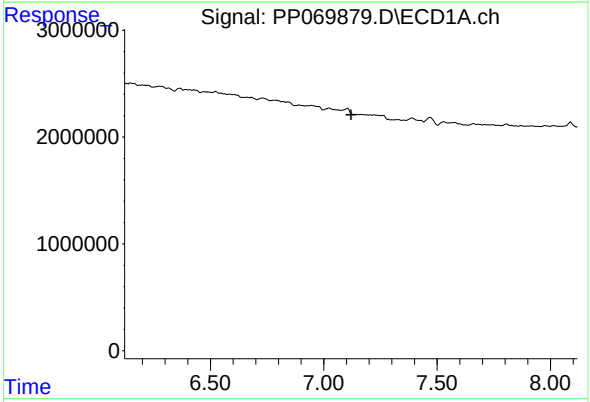
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



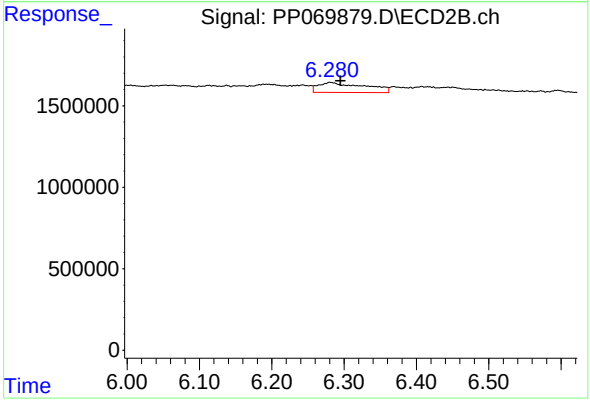
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 934659
Conc: 19.32 ng/ml



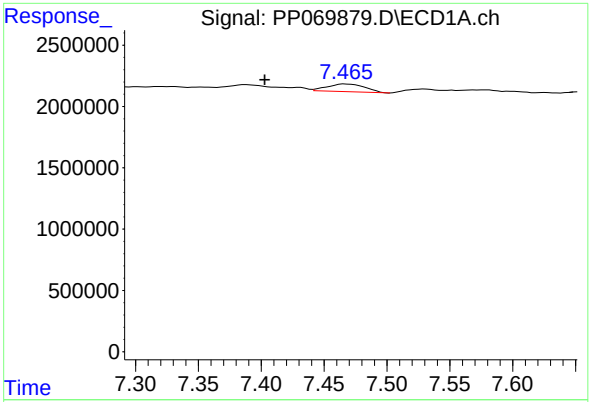
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.120 min
Response: 0
Conc: N.D.



#28 AR-1254-3

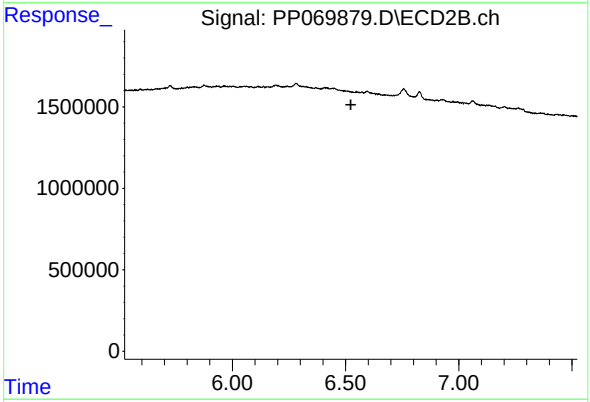
R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 2727000
Conc: 35.93 ng/ml



#29 AR-1254-4

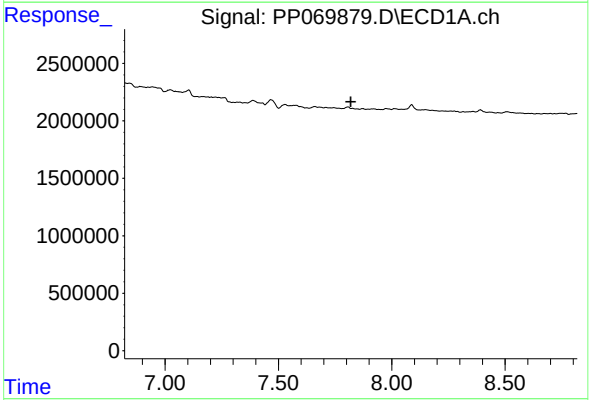
R.T.: 7.467 min
Delta R.T.: 0.064 min
Response: 1303546
Conc: 19.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



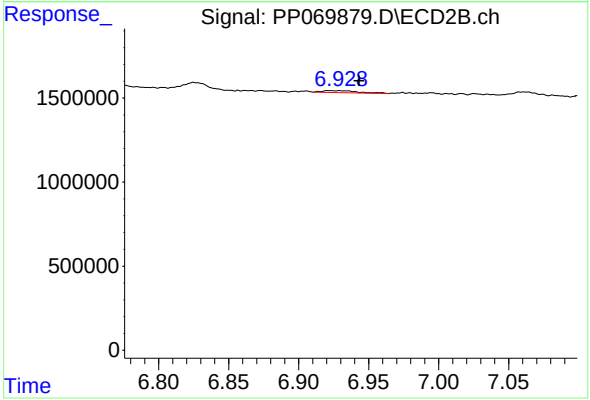
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.524 min
Response: 0
Conc: N.D.



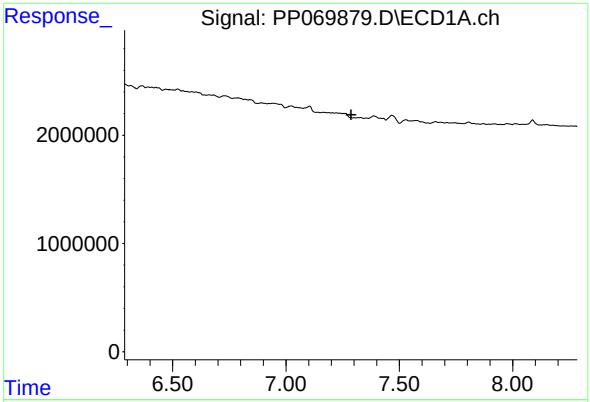
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

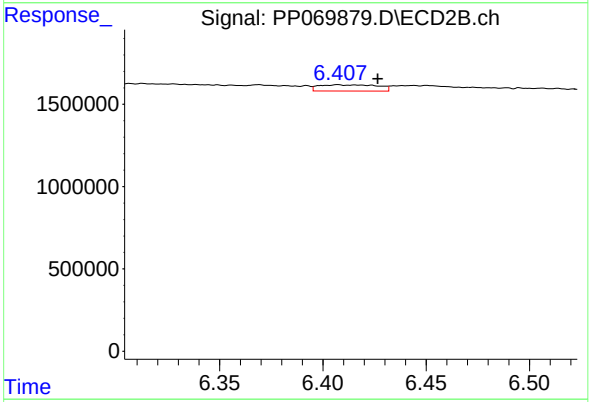
R.T.: 6.929 min
Delta R.T.: -0.014 min
Response: 214093
Conc: 3.22 ng/ml



#31 AR-1260-1

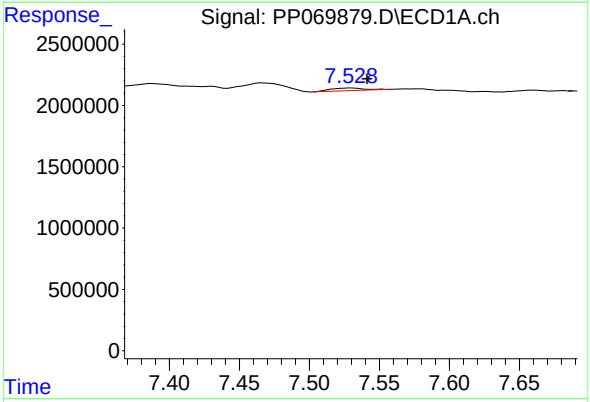
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



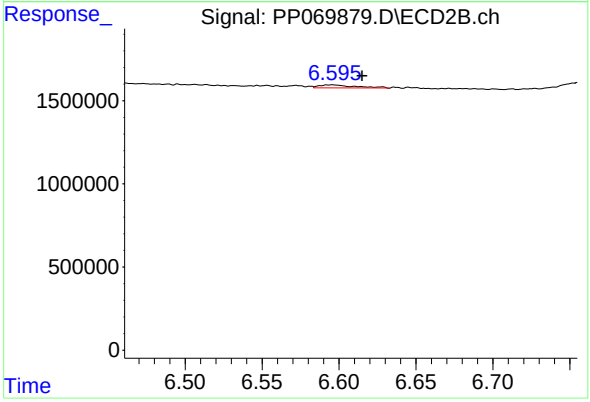
#31 AR-1260-1

R.T.: 6.407 min
Delta R.T.: -0.019 min
Response: 753394
Conc: 15.62 ng/ml



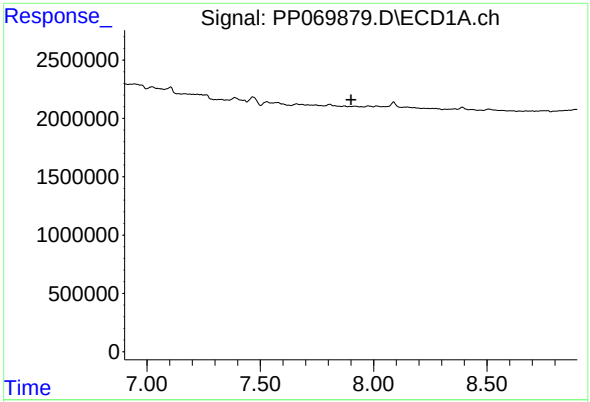
#32 AR-1260-2

R.T.: 7.530 min
Delta R.T.: -0.012 min
Response: 370723
Conc: 4.76 ng/ml



#32 AR-1260-2

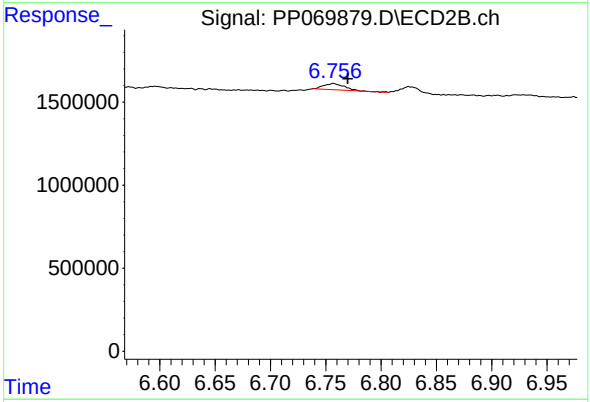
R.T.: 6.596 min
Delta R.T.: -0.019 min
Response: 305418
Conc: 4.98 ng/ml



#33 AR-1260-3

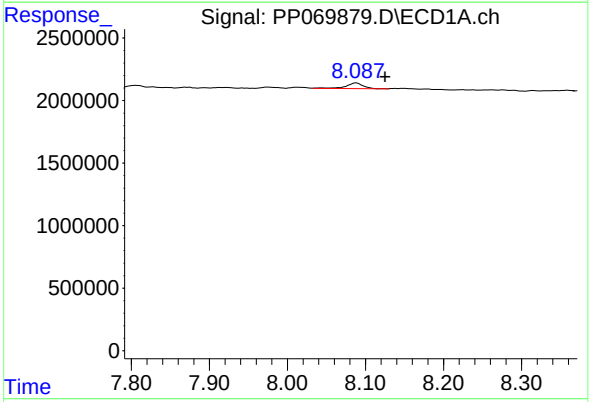
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



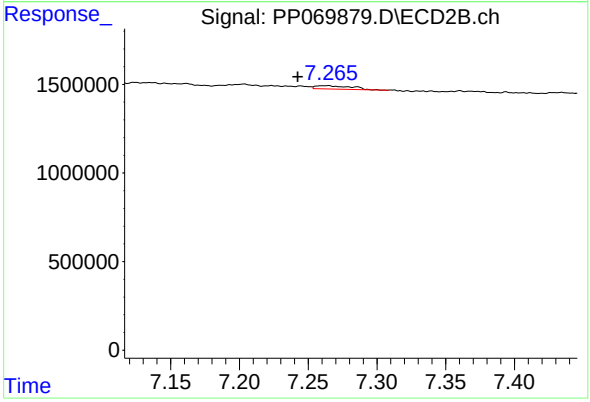
#33 AR-1260-3

R.T.: 6.757 min
Delta R.T.: -0.013 min
Response: 480651
Conc: 7.99 ng/ml



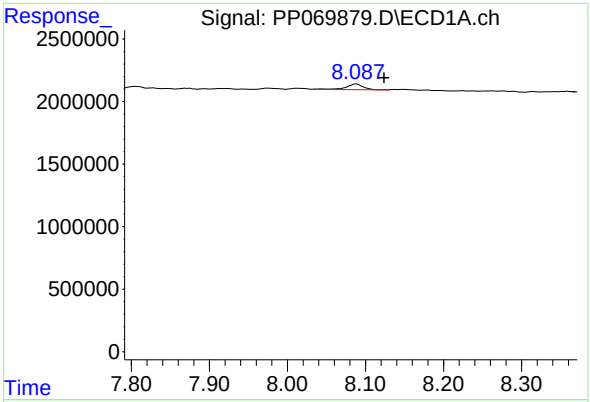
#34 AR-1260-4

R.T.: 8.088 min
Delta R.T.: -0.037 min
Response: 694855
Conc: 10.53 ng/ml



#34 AR-1260-4

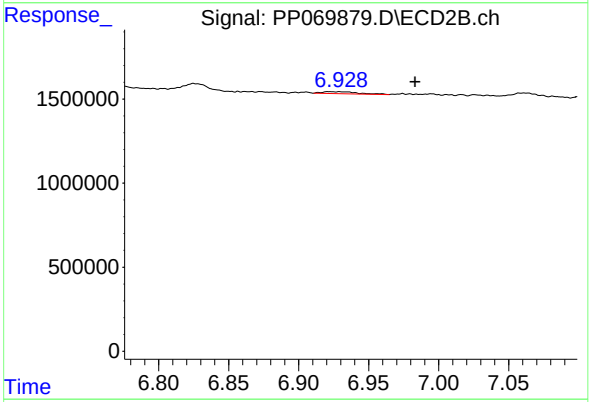
R.T.: 7.264 min
Delta R.T.: 0.022 min
Response: 330000
Conc: 7.10 ng/ml



#36 AR-1262-1

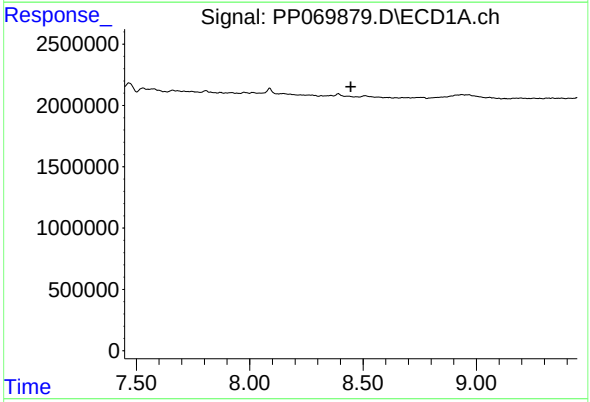
R.T.: 8.088 min
Delta R.T.: -0.036 min
Response: 694855
Conc: 8.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



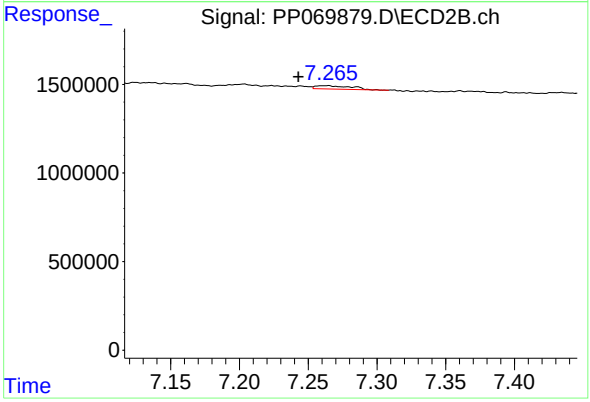
#36 AR-1262-1

R.T.: 6.929 min
Delta R.T.: -0.054 min
Response: 214093
Conc: 3.01 ng/ml



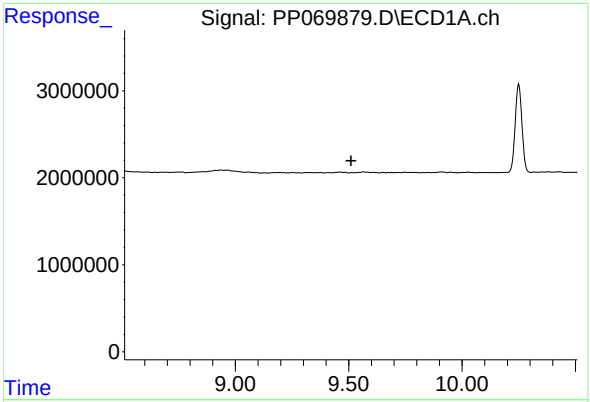
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.



#37 AR-1262-2

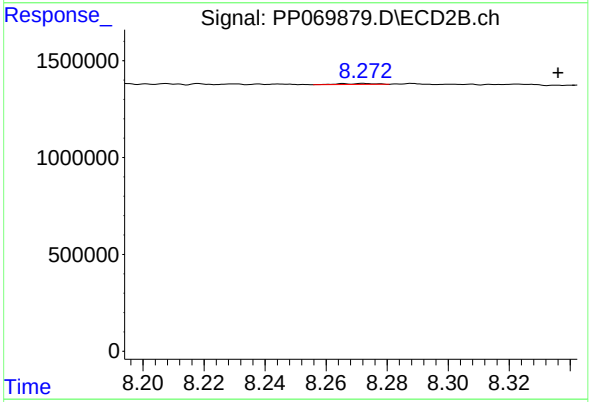
R.T.: 7.264 min
Delta R.T.: 0.021 min
Response: 330000
Conc: 5.41 ng/ml



#40 AR-1262-5

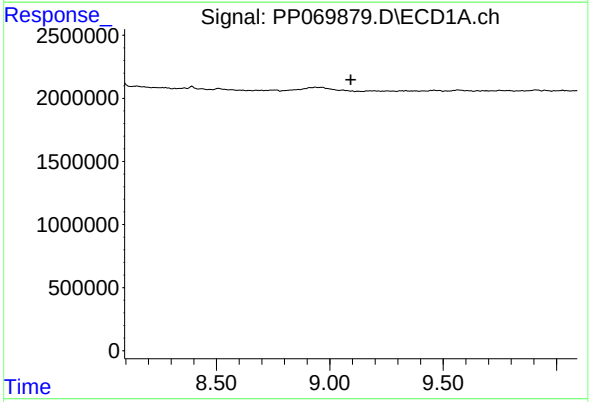
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



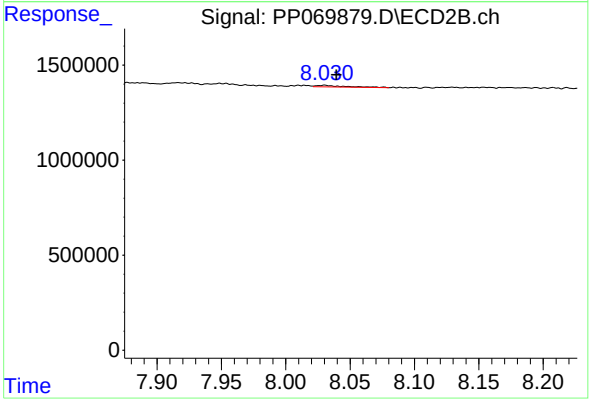
#40 AR-1262-5

R.T.: 8.273 min
Delta R.T.: -0.063 min
Response: 39688
Conc: 0.83 ng/ml



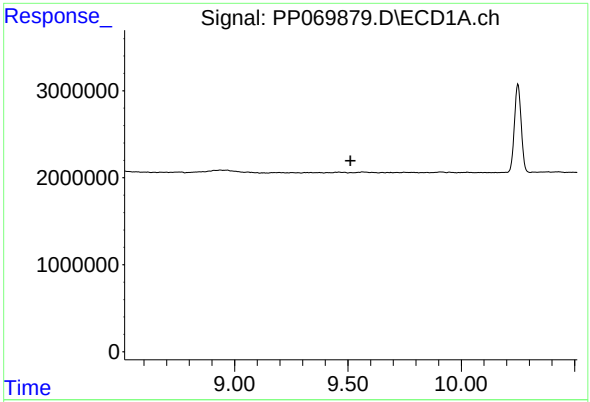
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#43 AR-1268-3

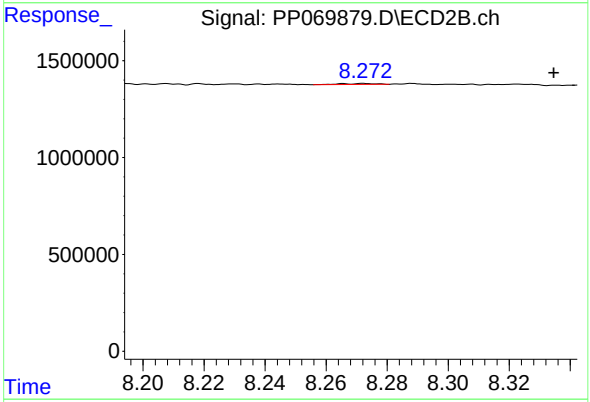
R.T.: 8.030 min
Delta R.T.: -0.009 min
Response: 45059
Conc: 0.40 ng/ml



#44 AR-1268-4

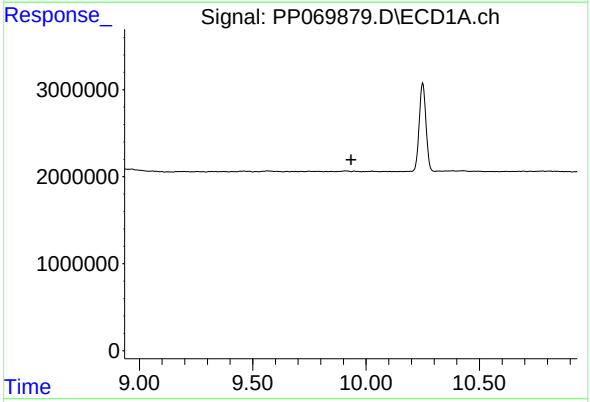
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-18-021725



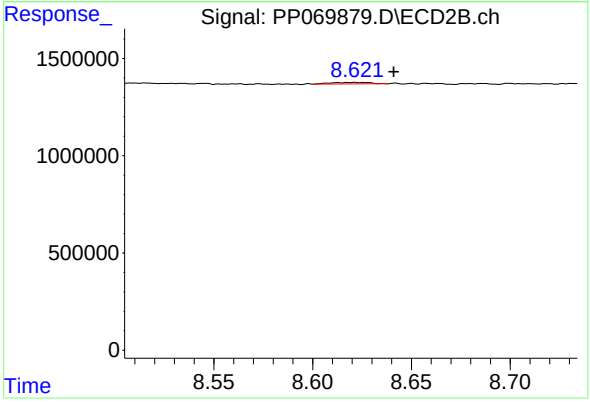
#44 AR-1268-4

R.T.: 8.273 min
Delta R.T.: -0.062 min
Response: 39688
Conc: 0.76 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.020 min
Response: 105919
Conc: 0.30 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:52
Operator : YP\AJ
Sample : Q1383-17
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:41:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.528	3.830	37975894	22174932	26.529	24.845	
2)	SA Decachlor...	10.256	8.890	24157699	24572131	22.104	21.969	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.944	0	105127	N.D.	3.223	#
4)	L1 AR-1016-2	0.000	4.944	0	105127	N.D.	2.338	#
5)	L1 AR-1016-3	0.000	5.112	0	151628	N.D.	6.093	#
6)	L1 AR-1016-4	0.000	5.158	0	212806	N.D.	10.537	#
7)	L1 AR-1016-5	0.000	5.370	0	963514	N.D.	35.920	#
8)	L2 AR-1221-1	0.000	4.048	0	176019	N.D.	14.290	#
9)	L2 AR-1221-2	4.831	4.135	779414	609720	56.923	62.966	
10)	L2 AR-1221-3	4.831f	4.223	779414	34127	18.583	1.170	#
11)	L3 AR-1232-1	4.831f	4.223	779414	34127	23.410	1.453	#
12)	L3 AR-1232-2	5.382f	4.944	433460	105127	26.524	4.460	#
13)	L3 AR-1232-3	0.000	5.112	0	151628	N.D.	11.711	#
14)	L3 AR-1232-4	0.000	5.219	0	48300	N.D.	4.357	#
15)	L3 AR-1232-5	0.000	5.370	0	963514	N.D.	78.910	#
16)	L4 AR-1242-1	0.000	4.944	0	105127	N.D.	3.646	#
17)	L4 AR-1242-2	0.000	4.944	0	105127	N.D.	2.668	#
18)	L4 AR-1242-3	0.000	5.112	0	151628	N.D.	6.738	#
19)	L4 AR-1242-4	0.000	5.219	0	48300	N.D.	2.238	#
20)	L4 AR-1242-5	0.000	5.726	0	908617	N.D.	31.584	#
21)	L5 AR-1248-1	0.000	4.944	0	105127	N.D.	4.776	#
22)	L5 AR-1248-2	0.000	5.158	0	212806	N.D.	7.078	#
23)	L5 AR-1248-3	0.000	5.219	0	48300	N.D.	1.559	#
24)	L5 AR-1248-4	0.000	5.370	0	963514	N.D.	26.081	#
25)	L5 AR-1248-5	0.000	5.782	0	88063	N.D.	2.355	#
26)	L6 AR-1254-1	0.000	5.726	0	908617	N.D.	16.504	#
27)	L6 AR-1254-2	6.747	5.876	590185	1172122	7.355	24.233	#
28)	L6 AR-1254-3	7.109	6.281	1165624	2780265	13.829	36.633	#
29)	L6 AR-1254-4	7.394	6.507	917314	690738	13.453	13.478	
30)	L6 AR-1254-5	0.000	6.928	0	461053	N.D.	6.927	#
31)	L7 AR-1260-1	0.000	6.423	0	347691	N.D.	7.209	#
32)	L7 AR-1260-2	7.531	6.601	386423	527044	4.966	8.597	#
33)	L7 AR-1260-3	0.000	6.755	0	683801	N.D.	11.367	#
34)	L7 AR-1260-4	8.093	7.265	776905	214296	11.775	4.612	#
35)	L7 AR-1260-5	0.000	7.429f	0	79281	N.D.	0.713	#
36)	L8 AR-1262-1	8.093	6.928f	776905	461053	9.832	6.492	#
37)	L8 AR-1262-2	0.000	7.265	0	214296	N.D.	3.514	#
38)	L8 AR-1262-3	0.000	7.756	0	199761	N.D.	3.820	#
41)	L9 AR-1268-1	0.000	7.756	0	199761	N.D.	1.377	#
45)	L9 AR-1268-5	0.000	8.621	0	173532	N.D.	0.487	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:52
Operator : YP\AJ
Sample : Q1383-17
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:41:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

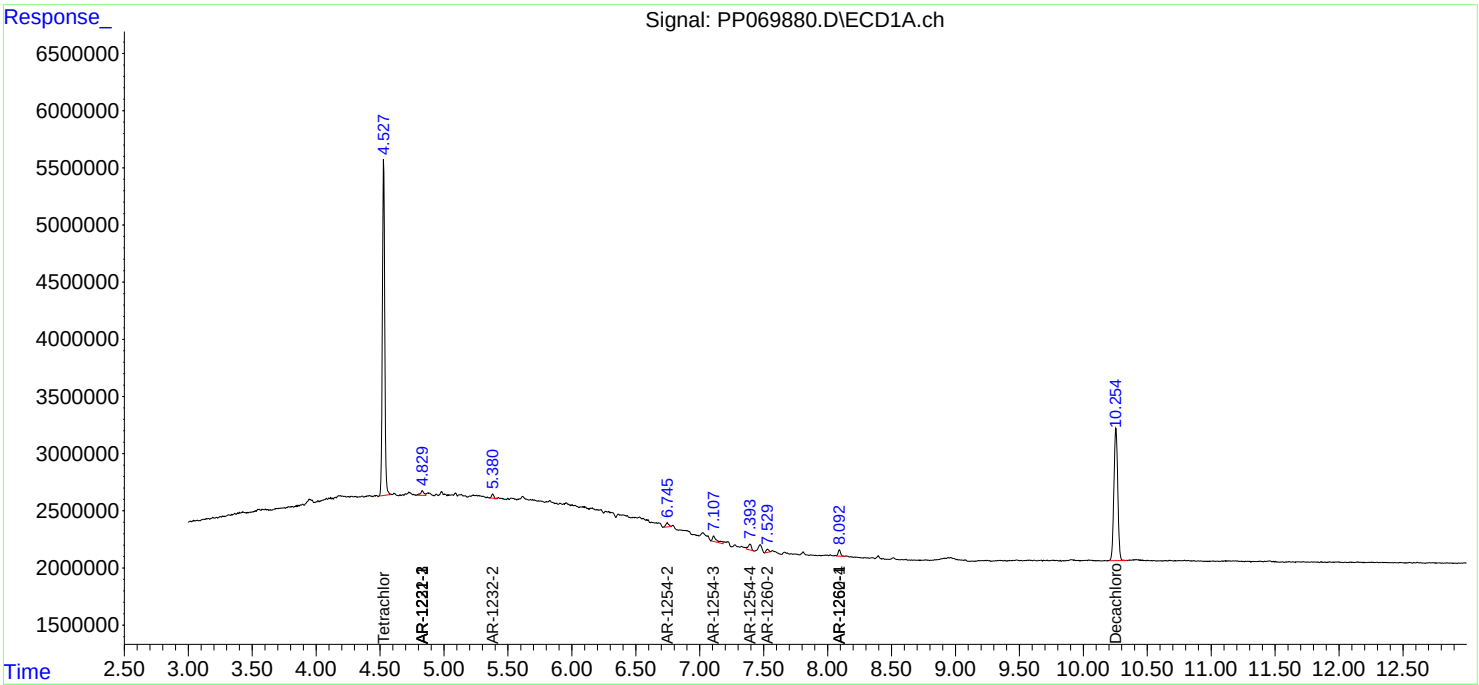
Quantitation Report (Not Reviewed)

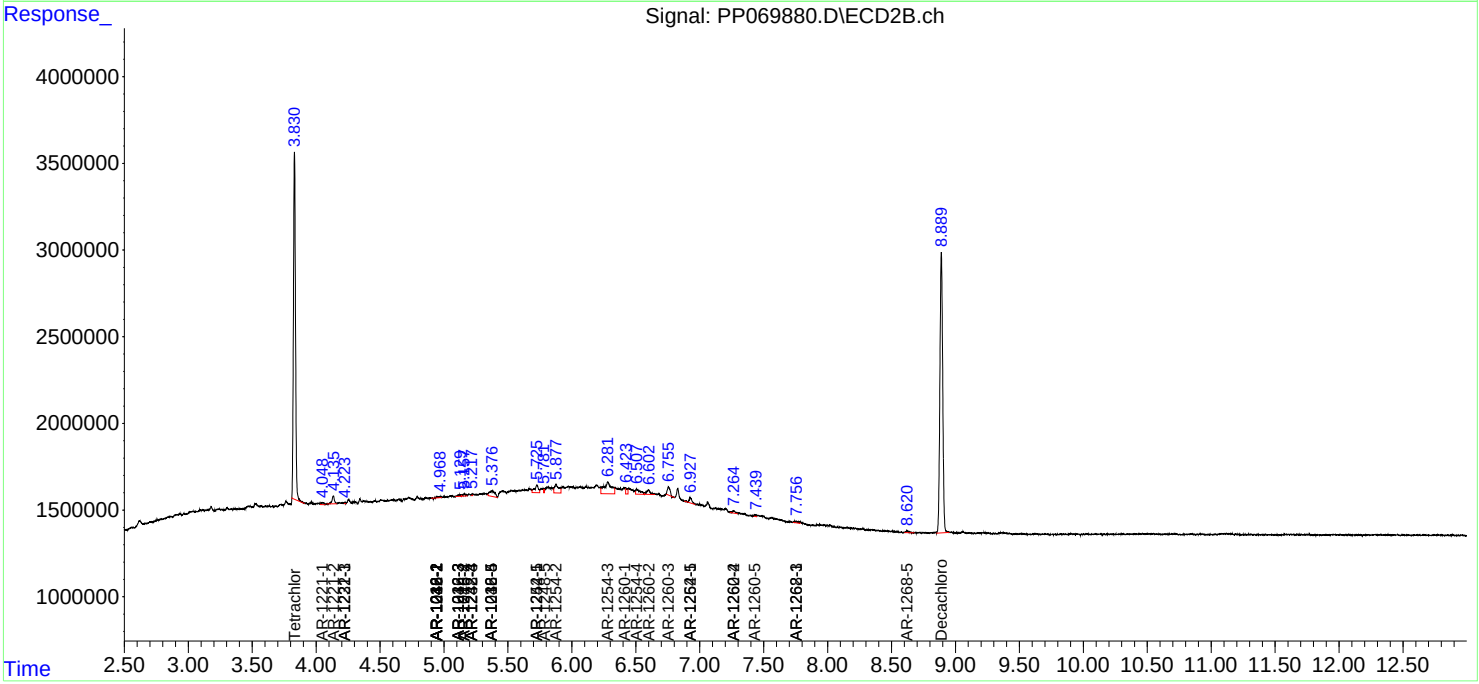
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 03:52
Operator : YP\AJ
Sample : Q1383-17
Misc :
ALS Vial : 40 Sample Multiplier: 1

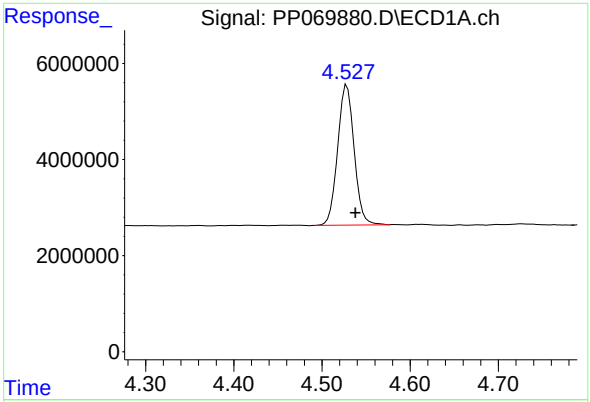
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:41:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



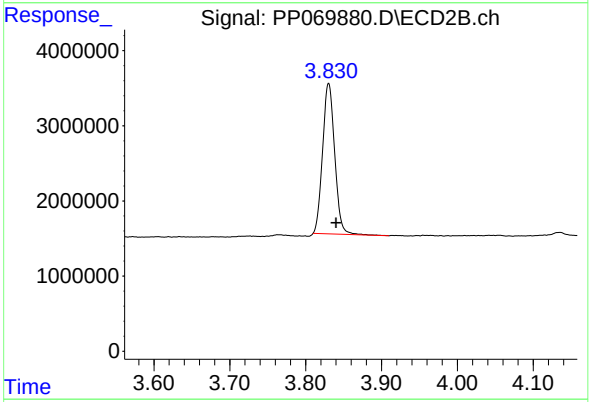




#1 Tetrachloro-m-xylene

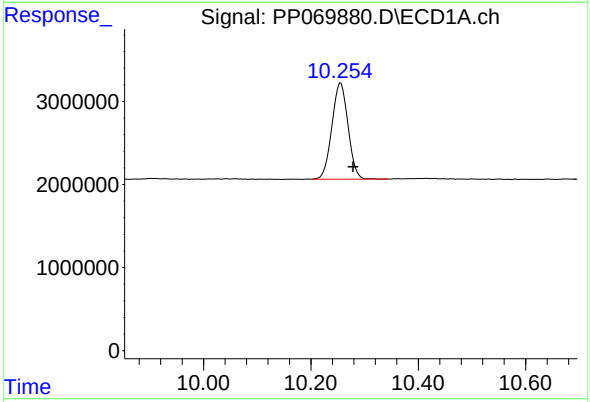
R.T.: 4.528 min
Delta R.T.: -0.010 min
Response: 37975894
Conc: 26.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



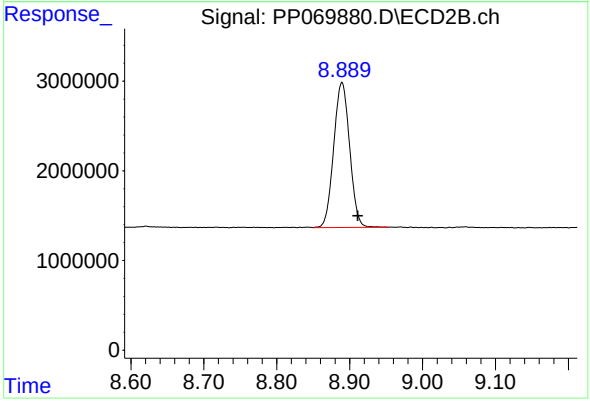
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 22174932
Conc: 24.84 ng/ml



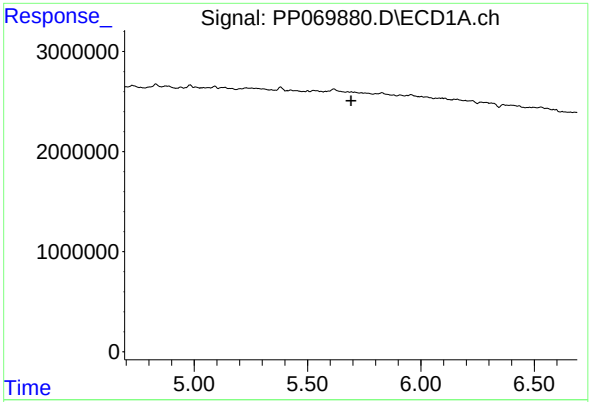
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.023 min
Response: 24157699
Conc: 22.10 ng/ml



#2 Decachlorobiphenyl

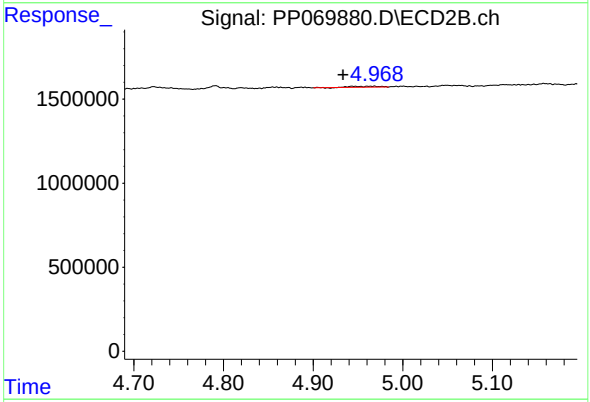
R.T.: 8.890 min
Delta R.T.: -0.022 min
Response: 24572131
Conc: 21.97 ng/ml



#3 AR-1016-1

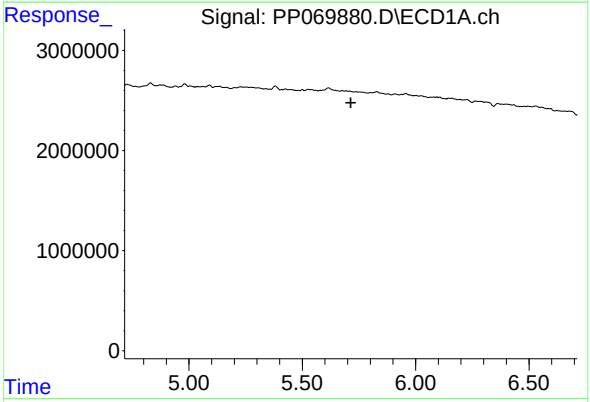
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



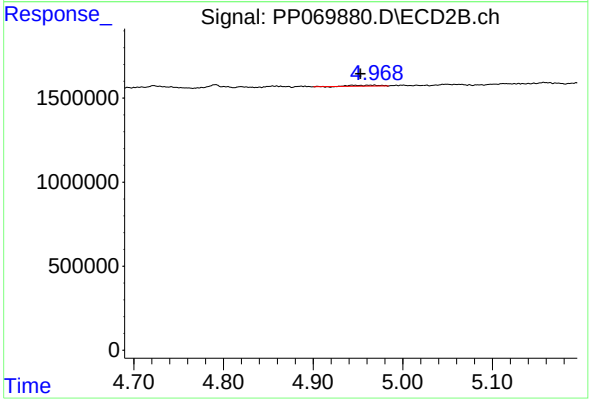
#3 AR-1016-1

R.T.: 4.944 min
Delta R.T.: 0.010 min
Response: 105127
Conc: 3.22 ng/ml



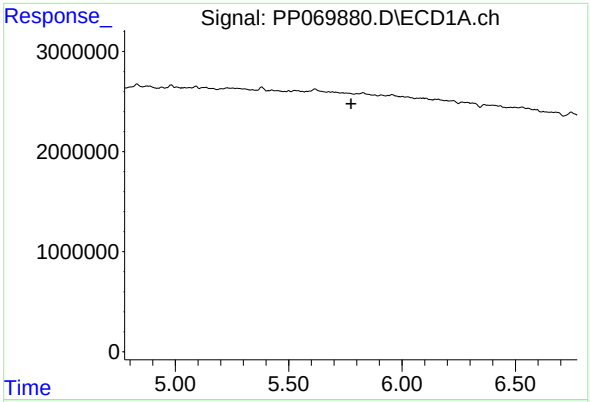
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

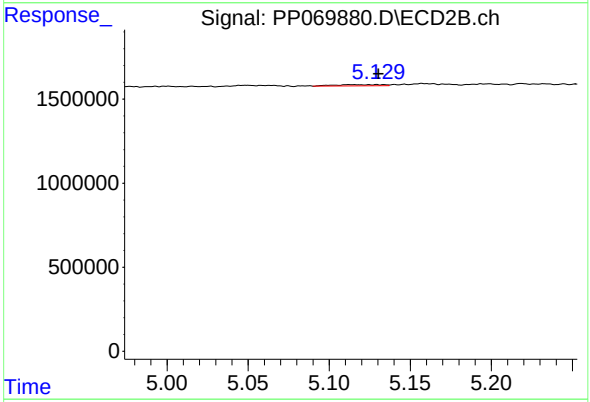
R.T.: 4.944 min
Delta R.T.: -0.009 min
Response: 105127
Conc: 2.34 ng/ml



#5 AR-1016-3

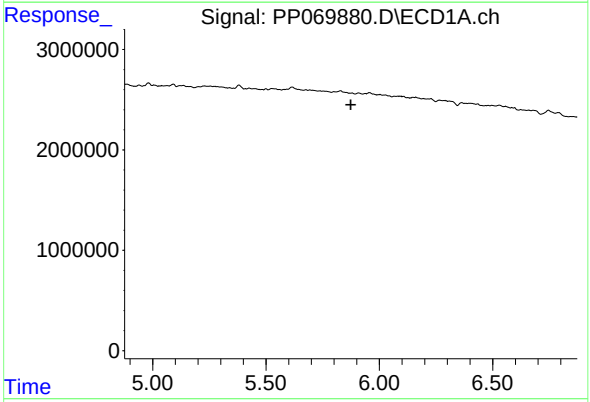
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



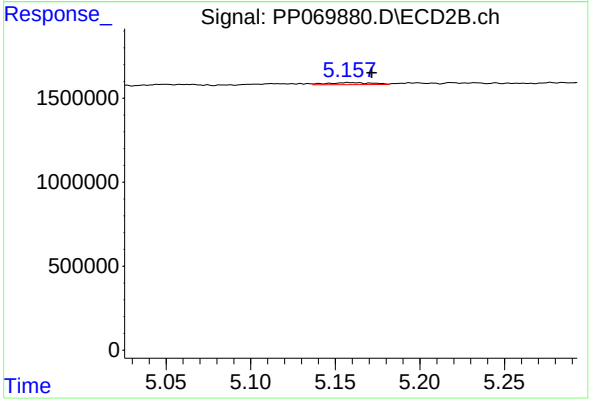
#5 AR-1016-3

R.T.: 5.112 min
Delta R.T.: -0.018 min
Response: 151628
Conc: 6.09 ng/ml



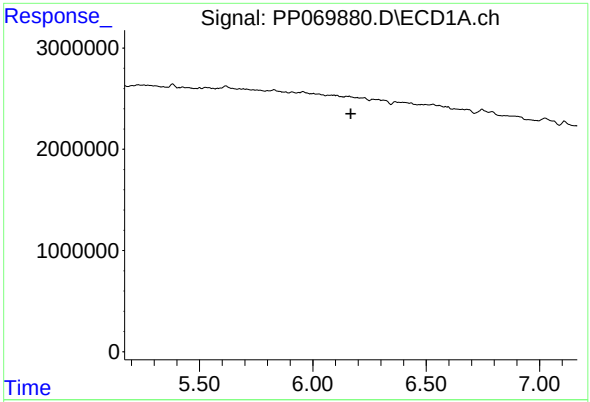
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

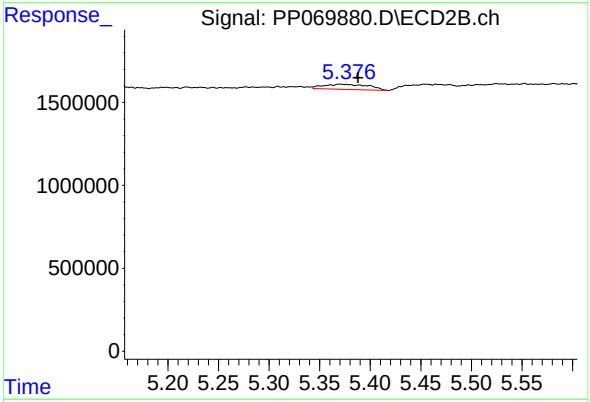
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 212806
Conc: 10.54 ng/ml



#7 AR-1016-5

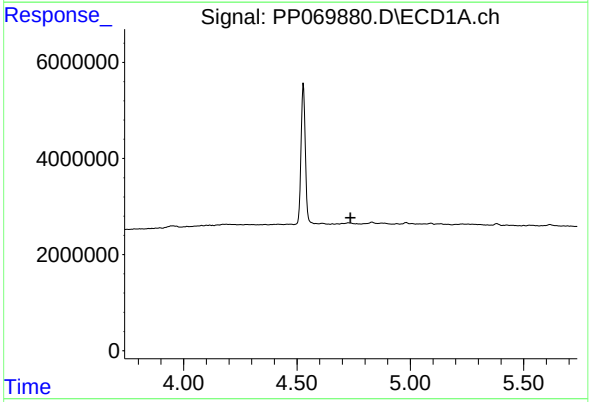
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



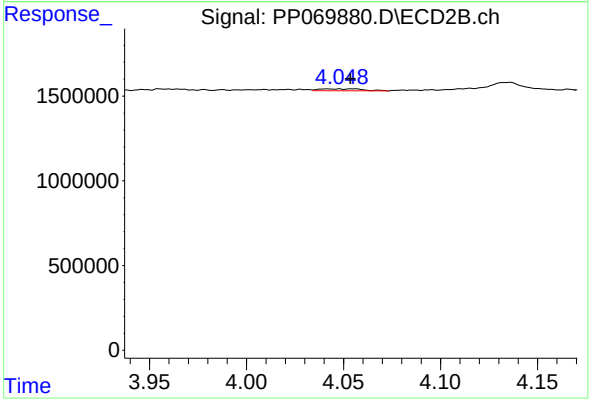
#7 AR-1016-5

R.T.: 5.370 min
Delta R.T.: -0.018 min
Response: 963514
Conc: 35.92 ng/ml



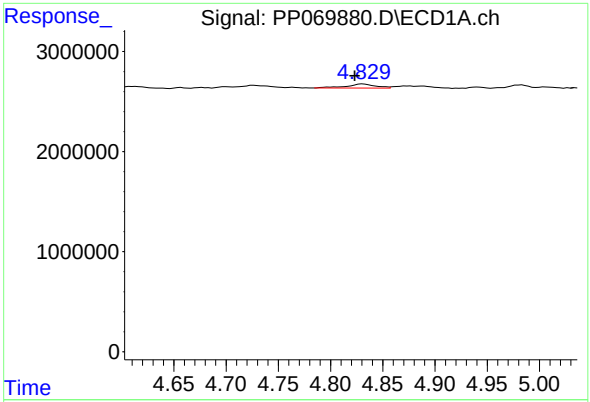
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

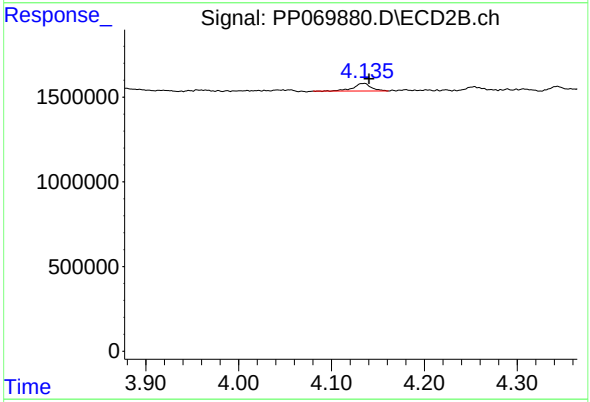
R.T.: 4.048 min
Delta R.T.: -0.006 min
Response: 176019
Conc: 14.29 ng/ml



#9 AR-1221-2

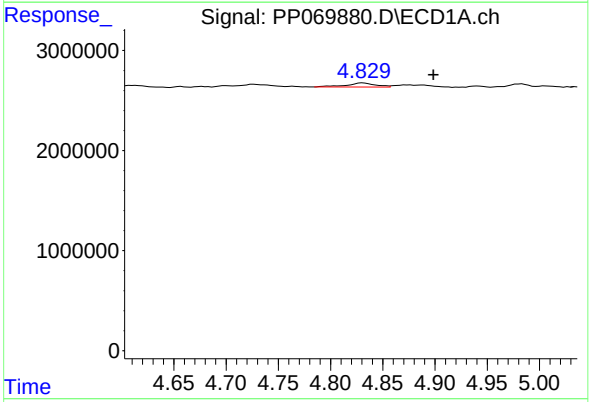
R.T.: 4.831 min
Delta R.T.: 0.008 min
Response: 779414
Conc: 56.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



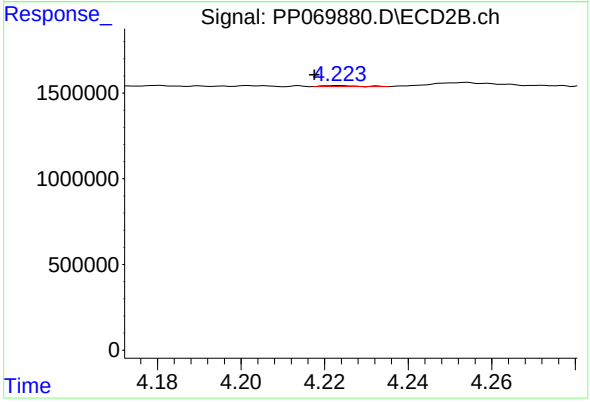
#9 AR-1221-2

R.T.: 4.135 min
Delta R.T.: -0.006 min
Response: 609720
Conc: 62.97 ng/ml



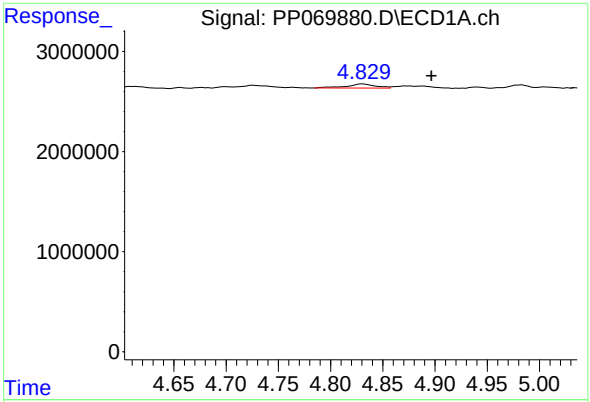
#10 AR-1221-3

R.T.: 4.831 min
Delta R.T.: -0.068 min
Response: 779414
Conc: 18.58 ng/ml



#10 AR-1221-3

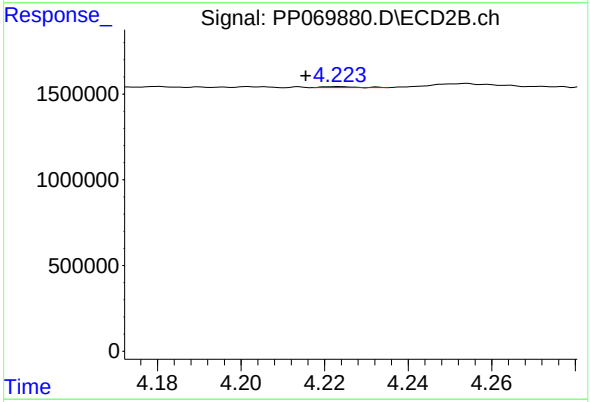
R.T.: 4.223 min
Delta R.T.: 0.006 min
Response: 34127
Conc: 1.17 ng/ml



#11 AR-1232-1

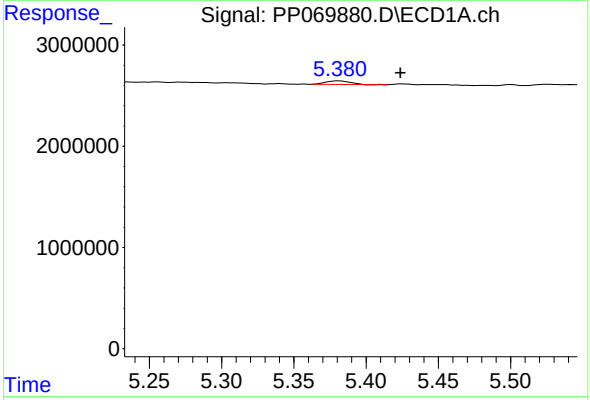
R.T.: 4.831 min
Delta R.T.: -0.066 min
Response: 779414
Conc: 23.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



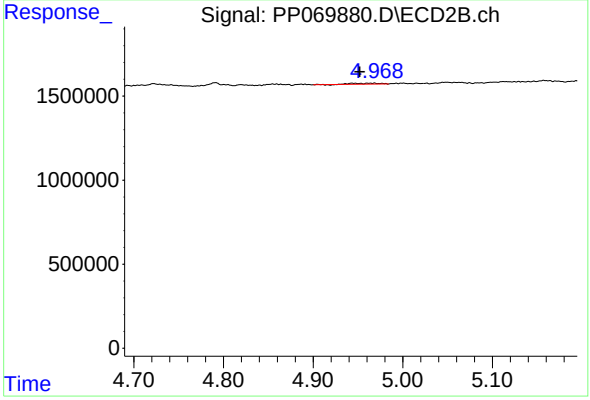
#11 AR-1232-1

R.T.: 4.223 min
Delta R.T.: 0.008 min
Response: 34127
Conc: 1.45 ng/ml



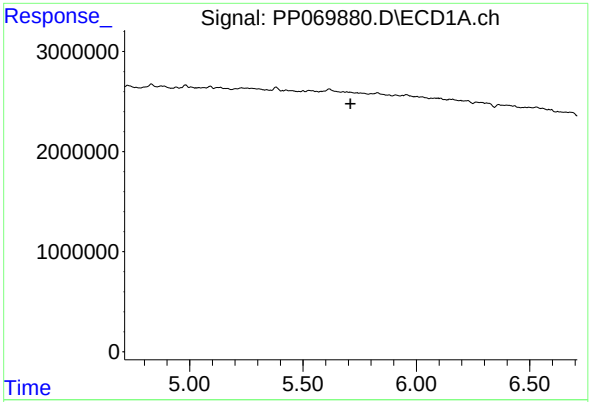
#12 AR-1232-2

R.T.: 5.382 min
Delta R.T.: -0.042 min
Response: 433460
Conc: 26.52 ng/ml



#12 AR-1232-2

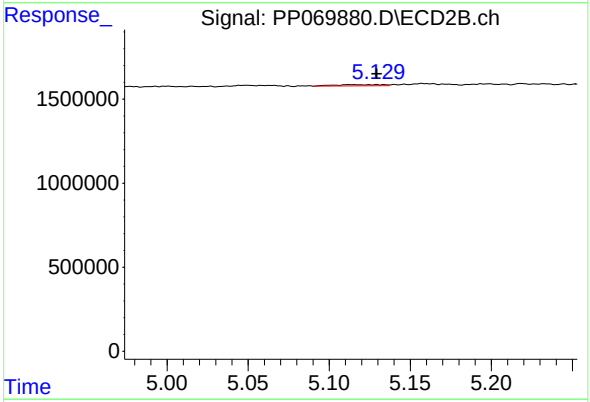
R.T.: 4.944 min
Delta R.T.: -0.008 min
Response: 105127
Conc: 4.46 ng/ml



#13 AR-1232-3

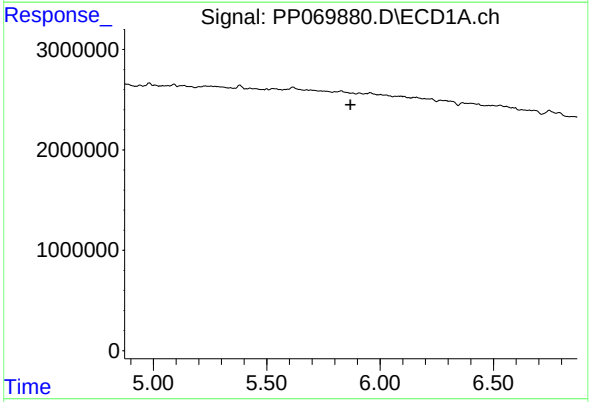
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



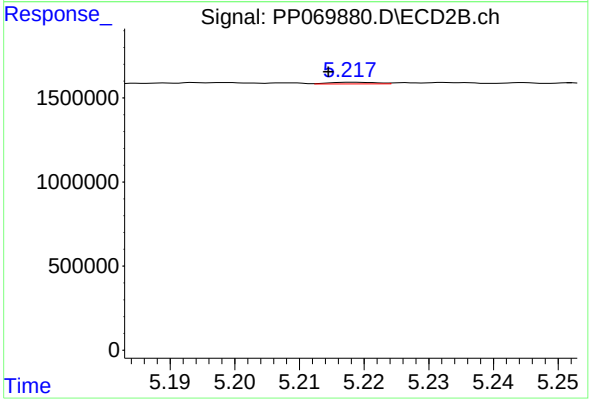
#13 AR-1232-3

R.T.: 5.112 min
Delta R.T.: -0.017 min
Response: 151628
Conc: 11.71 ng/ml



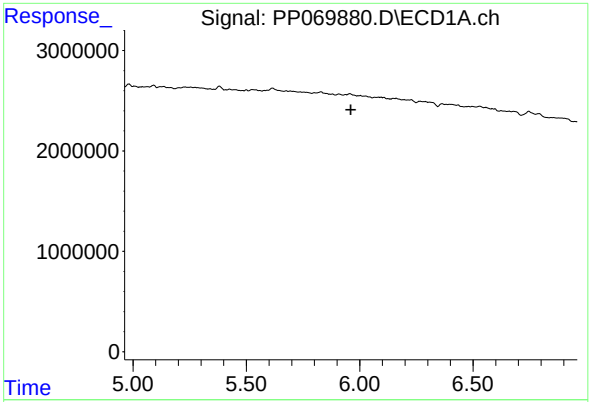
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

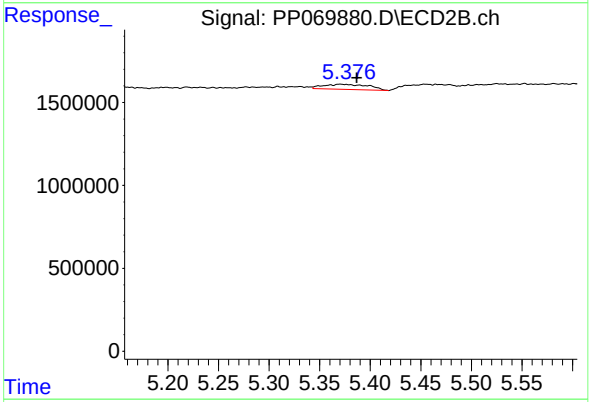
R.T.: 5.219 min
Delta R.T.: 0.004 min
Response: 48300
Conc: 4.36 ng/ml



#15 AR-1232-5

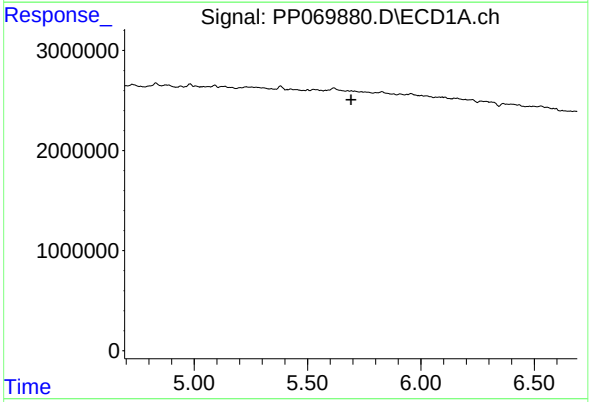
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



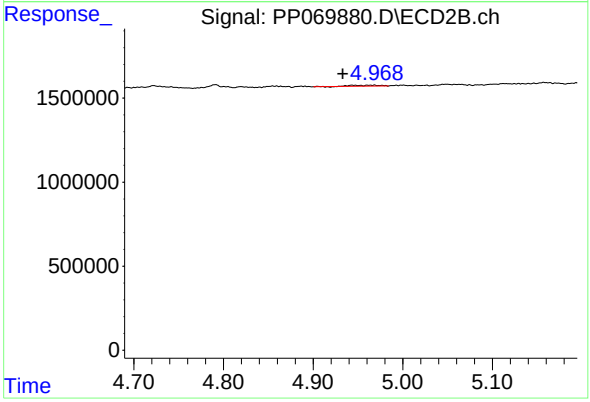
#15 AR-1232-5

R.T.: 5.370 min
Delta R.T.: -0.016 min
Response: 963514
Conc: 78.91 ng/ml



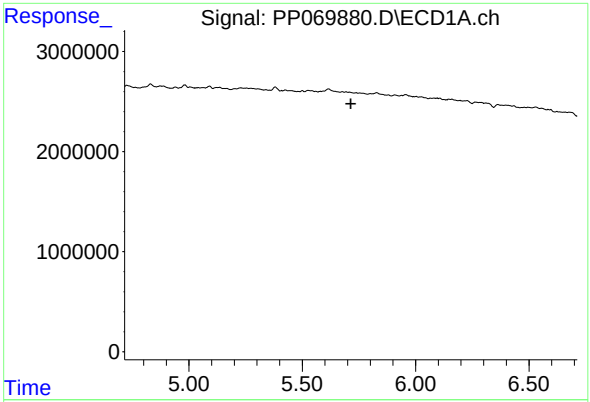
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

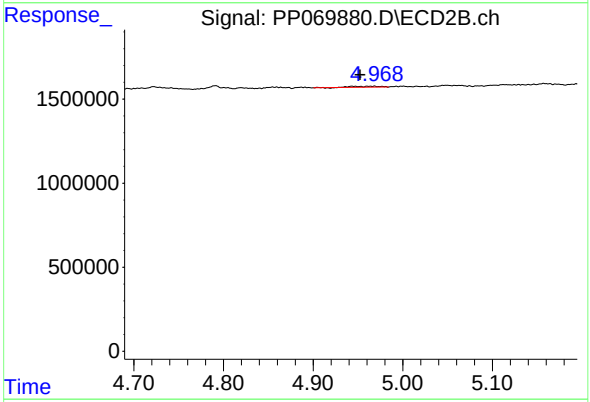
R.T.: 4.944 min
Delta R.T.: 0.011 min
Response: 105127
Conc: 3.65 ng/ml



#17 AR-1242-2

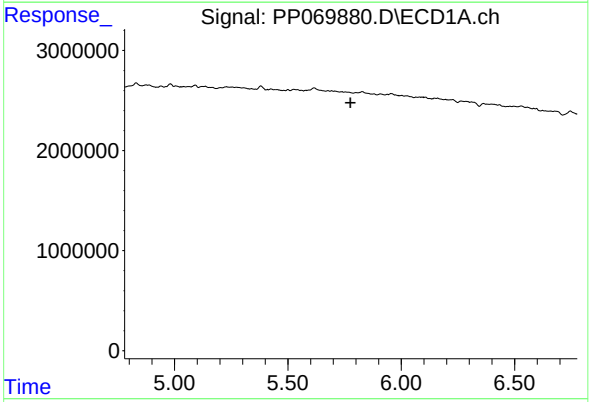
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



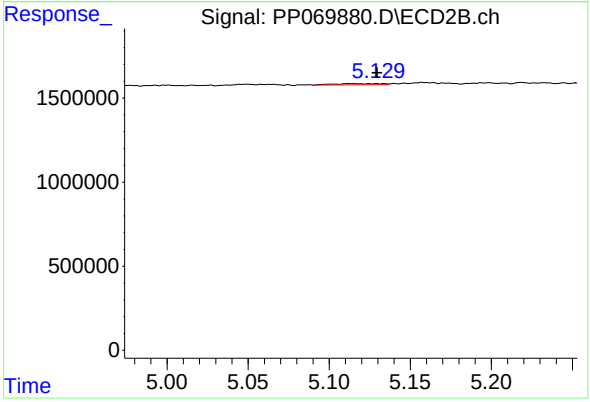
#17 AR-1242-2

R.T.: 4.944 min
Delta R.T.: -0.009 min
Response: 105127
Conc: 2.67 ng/ml



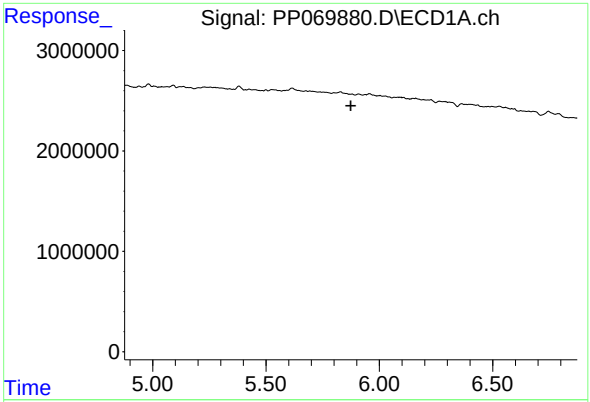
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

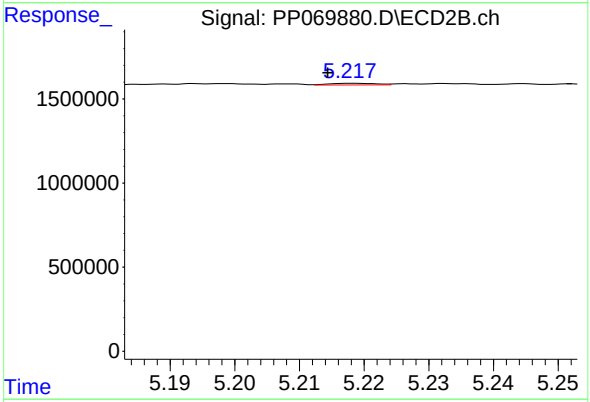
R.T.: 5.112 min
Delta R.T.: -0.017 min
Response: 151628
Conc: 6.74 ng/ml



#19 AR-1242-4

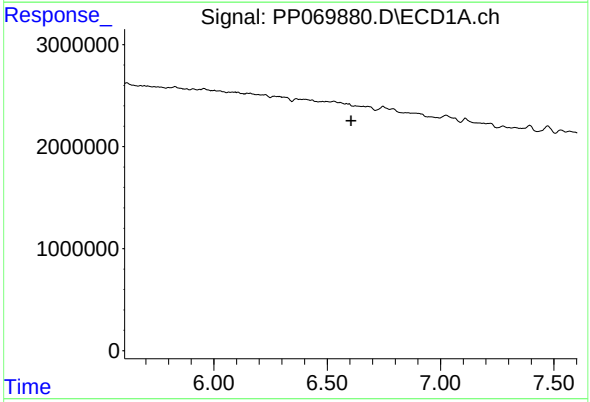
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



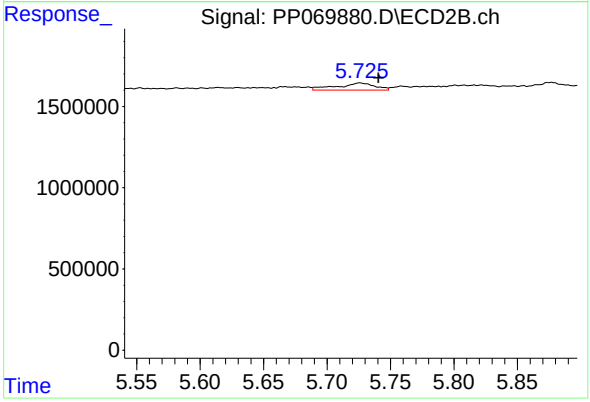
#19 AR-1242-4

R.T.: 5.219 min
Delta R.T.: 0.004 min
Response: 48300
Conc: 2.24 ng/ml



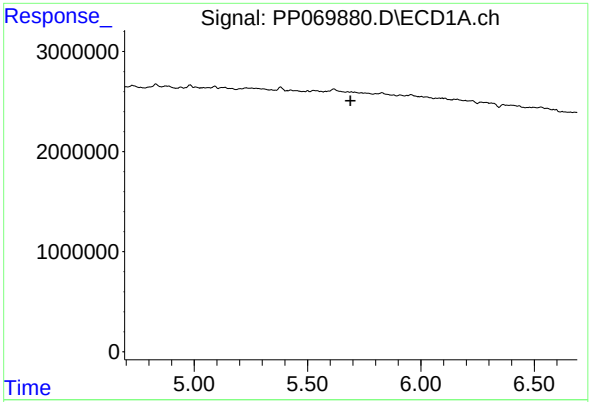
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

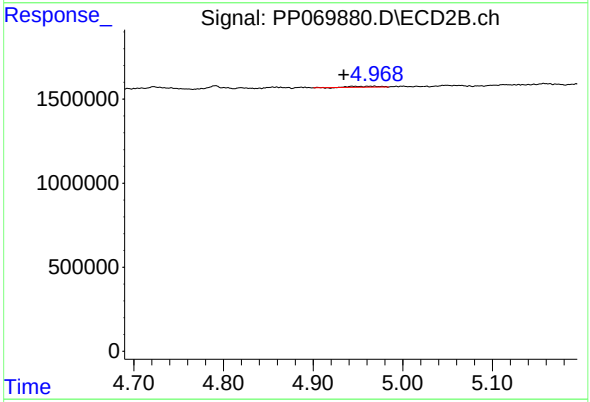
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 908617
Conc: 31.58 ng/ml



#21 AR-1248-1

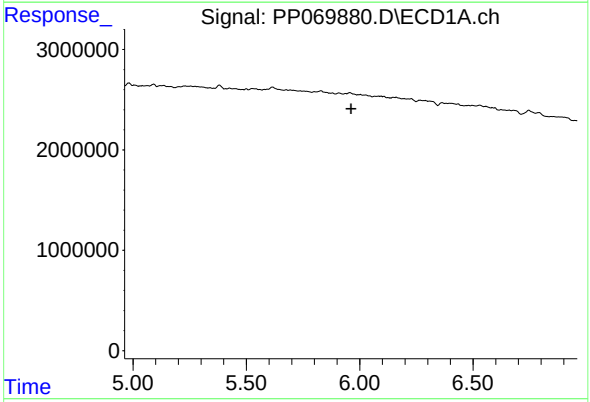
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



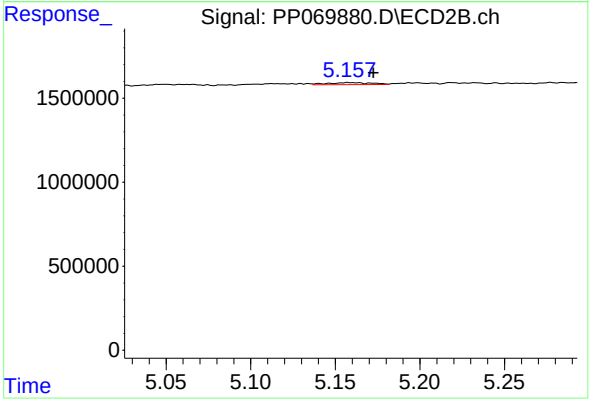
#21 AR-1248-1

R.T.: 4.944 min
Delta R.T.: 0.010 min
Response: 105127
Conc: 4.78 ng/ml



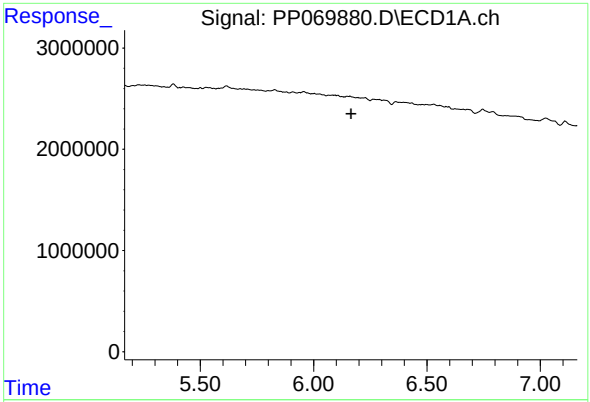
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

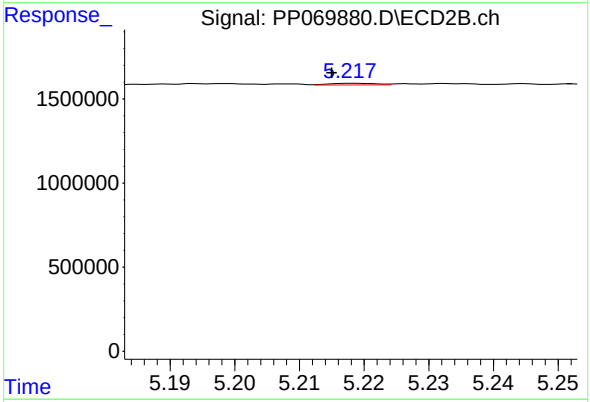
R.T.: 5.158 min
Delta R.T.: -0.015 min
Response: 212806
Conc: 7.08 ng/ml



#23 AR-1248-3

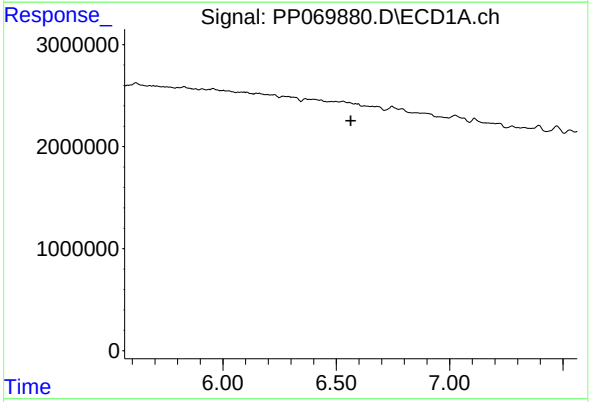
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



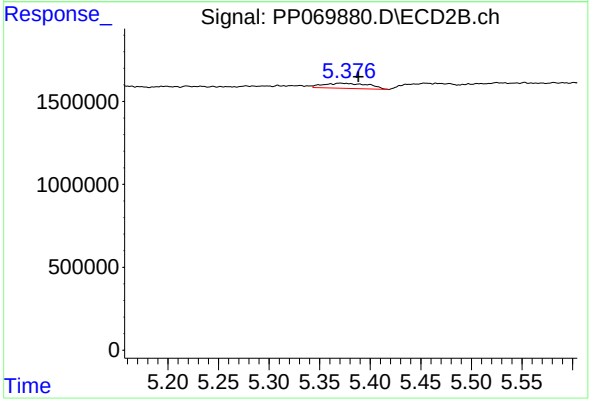
#23 AR-1248-3

R.T.: 5.219 min
Delta R.T.: 0.004 min
Response: 48300
Conc: 1.56 ng/ml



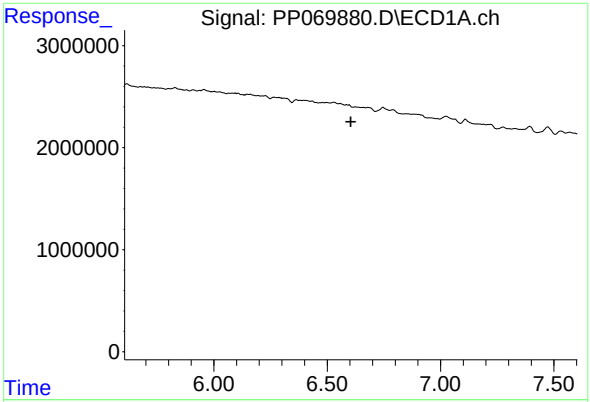
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



#24 AR-1248-4

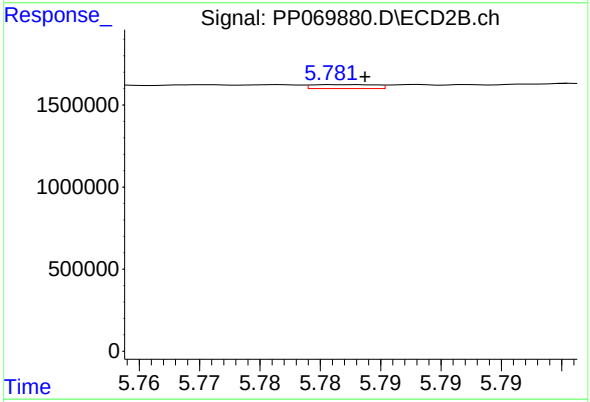
R.T.: 5.370 min
Delta R.T.: -0.018 min
Response: 963514
Conc: 26.08 ng/ml



#25 AR-1248-5

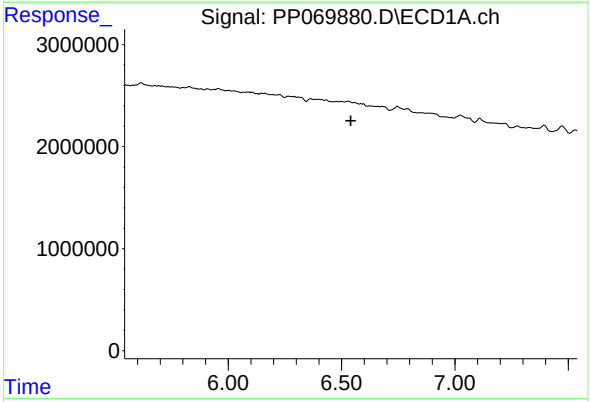
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



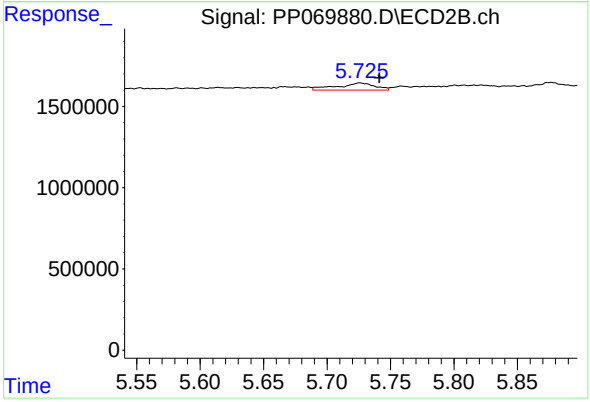
#25 AR-1248-5

R.T.: 5.782 min
Delta R.T.: -0.001 min
Response: 88063
Conc: 2.36 ng/ml



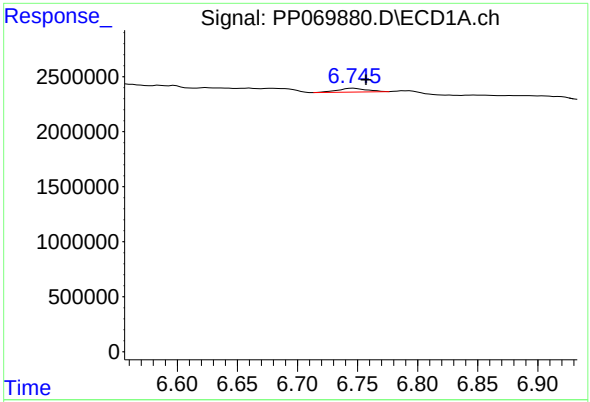
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.541 min
Response: 0
Conc: N.D.



#26 AR-1254-1

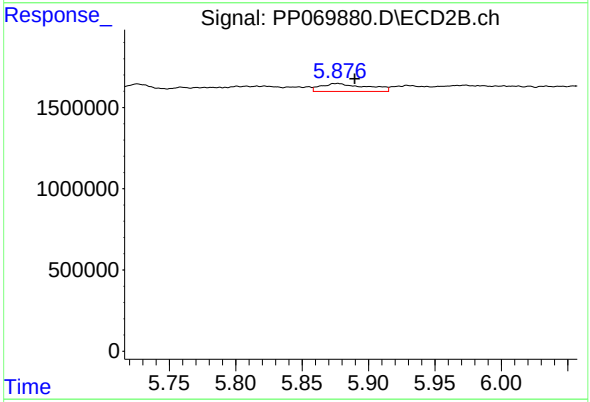
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 908617
Conc: 16.50 ng/ml



#27 AR-1254-2

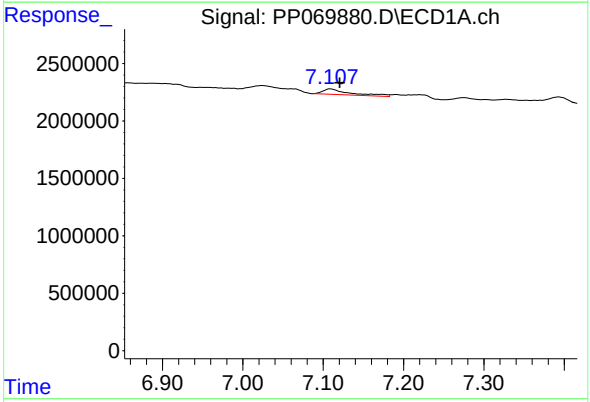
R.T.: 6.747 min
Delta R.T.: -0.011 min
Response: 590185
Conc: 7.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



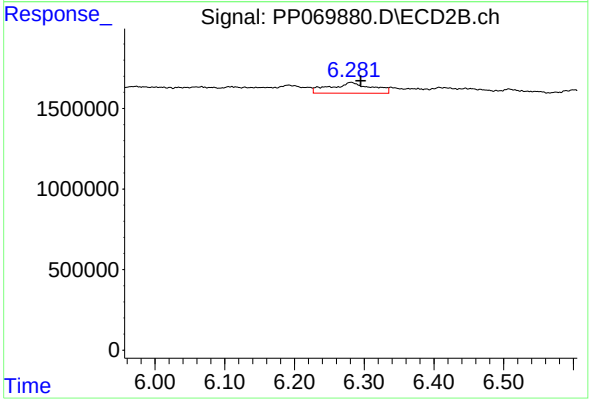
#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: -0.013 min
Response: 1172122
Conc: 24.23 ng/ml



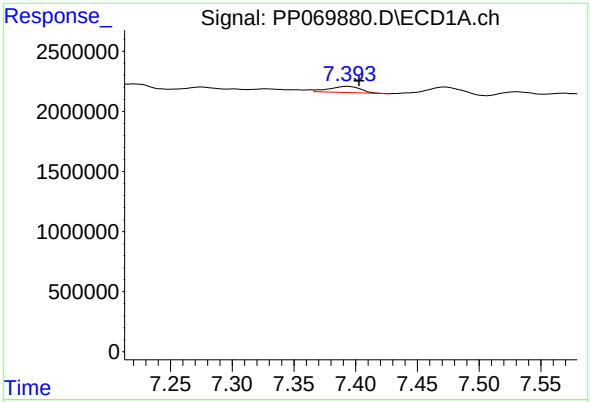
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: -0.012 min
Response: 1165624
Conc: 13.83 ng/ml



#28 AR-1254-3

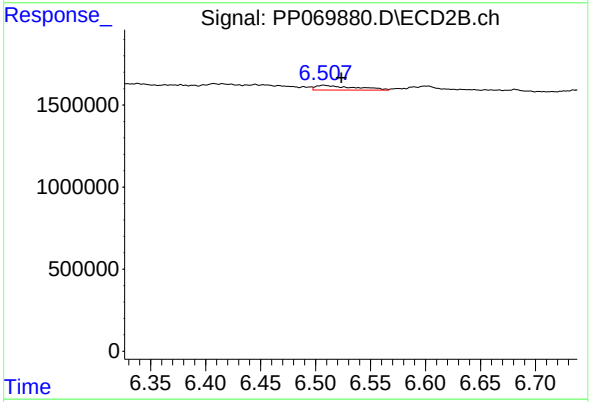
R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 2780265
Conc: 36.63 ng/ml



#29 AR-1254-4

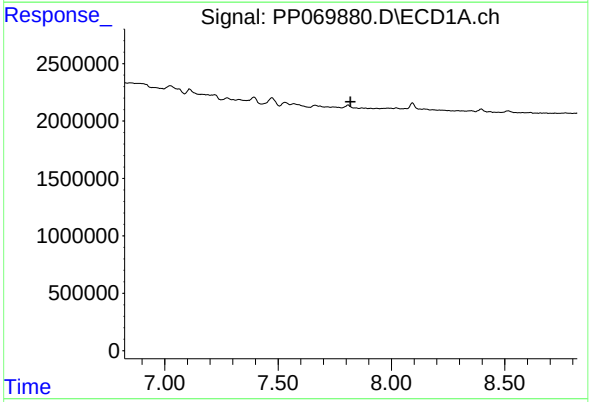
R.T.: 7.394 min
Delta R.T.: -0.009 min
Response: 917314
Conc: 13.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



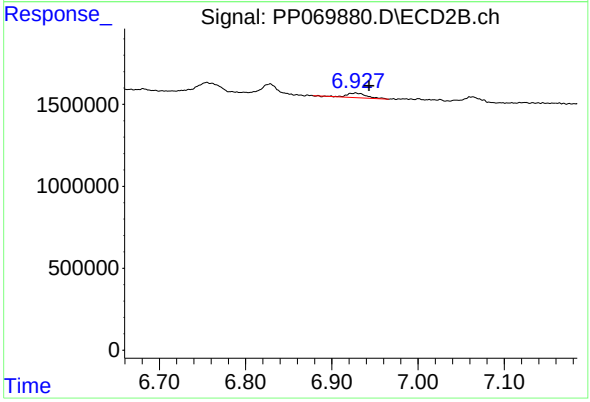
#29 AR-1254-4

R.T.: 6.507 min
Delta R.T.: -0.016 min
Response: 690738
Conc: 13.48 ng/ml



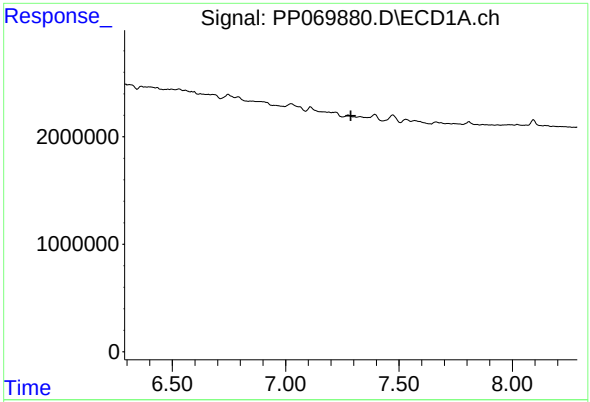
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

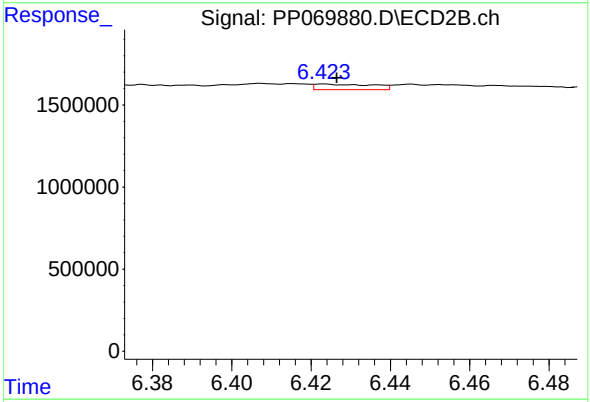
R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 461053
Conc: 6.93 ng/ml



#31 AR-1260-1

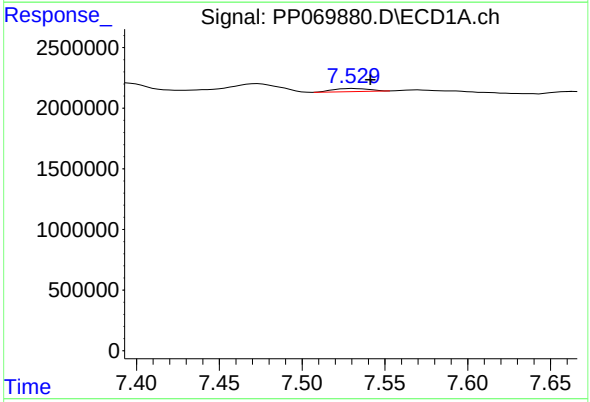
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



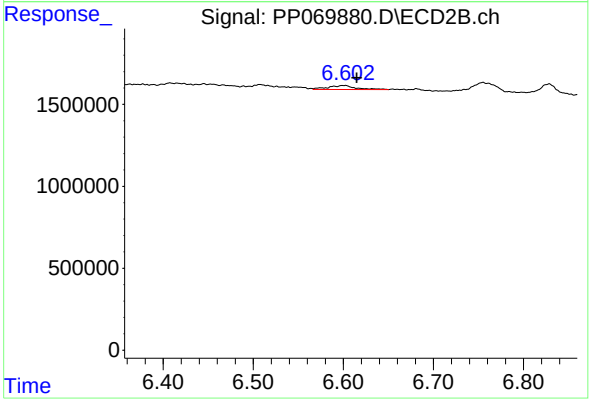
#31 AR-1260-1

R.T.: 6.423 min
Delta R.T.: -0.004 min
Response: 347691
Conc: 7.21 ng/ml



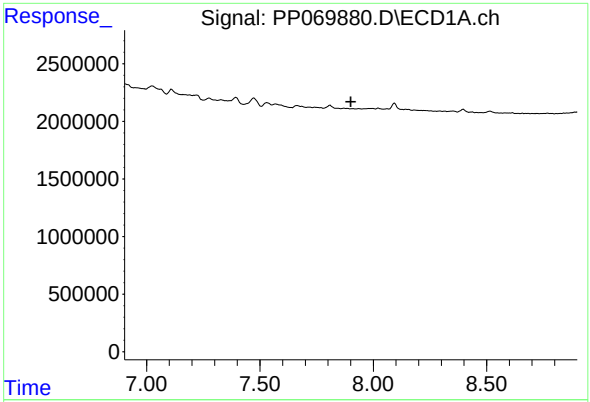
#32 AR-1260-2

R.T.: 7.531 min
Delta R.T.: -0.010 min
Response: 386423
Conc: 4.97 ng/ml



#32 AR-1260-2

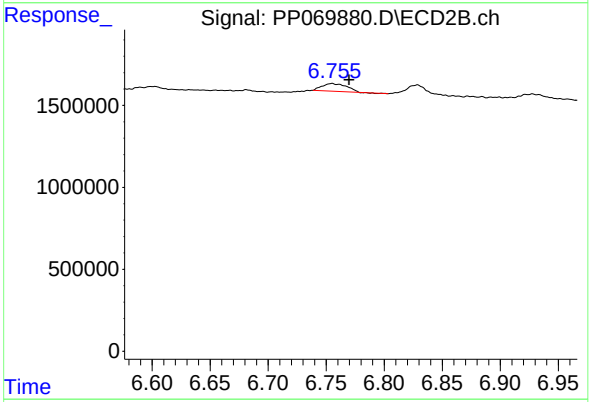
R.T.: 6.601 min
Delta R.T.: -0.013 min
Response: 527044
Conc: 8.60 ng/ml



#33 AR-1260-3

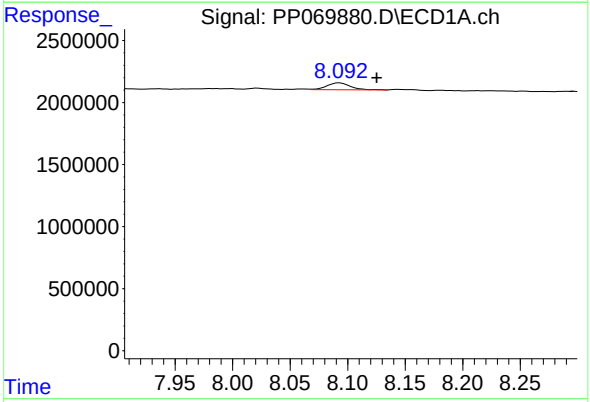
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



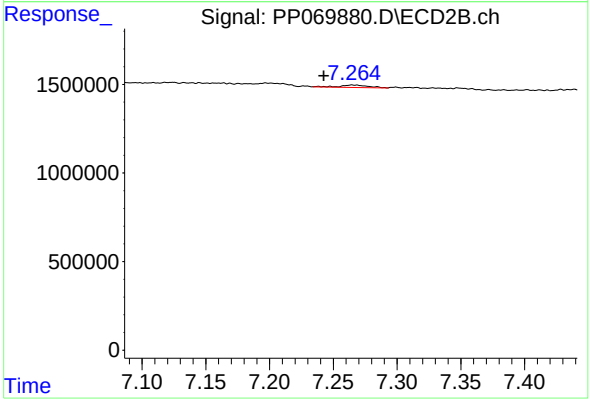
#33 AR-1260-3

R.T.: 6.755 min
Delta R.T.: -0.015 min
Response: 683801
Conc: 11.37 ng/ml



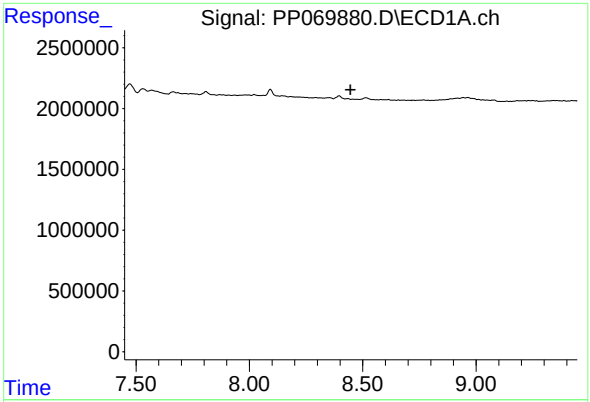
#34 AR-1260-4

R.T.: 8.093 min
Delta R.T.: -0.032 min
Response: 776905
Conc: 11.78 ng/ml



#34 AR-1260-4

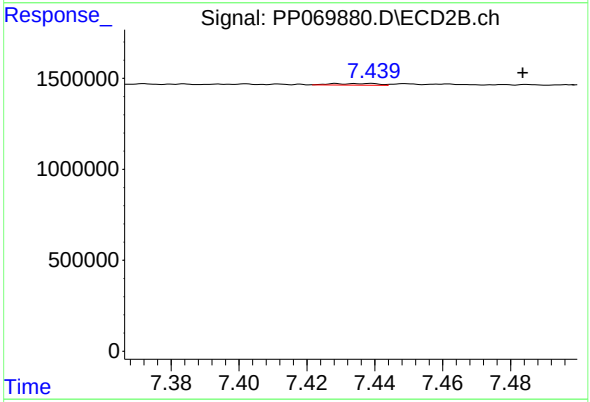
R.T.: 7.265 min
Delta R.T.: 0.023 min
Response: 214296
Conc: 4.61 ng/ml



#35 AR-1260-5

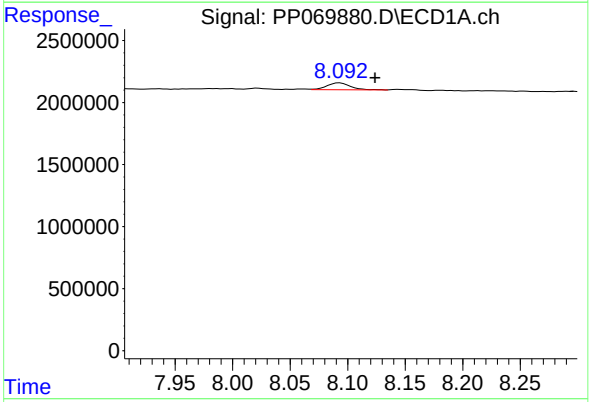
R.T.: 0.000 min
Exp R.T. : 8.447 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



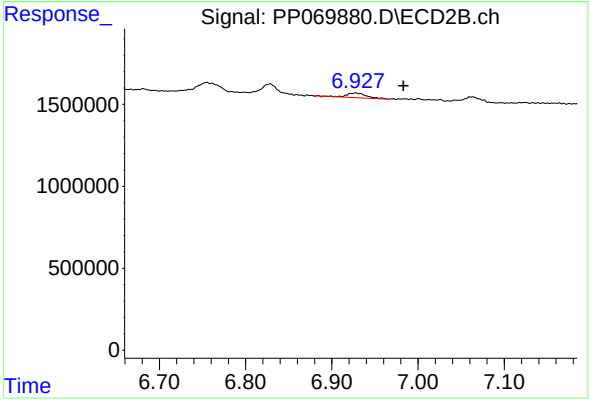
#35 AR-1260-5

R.T.: 7.429 min
Delta R.T.: -0.055 min
Response: 79281
Conc: 0.71 ng/ml



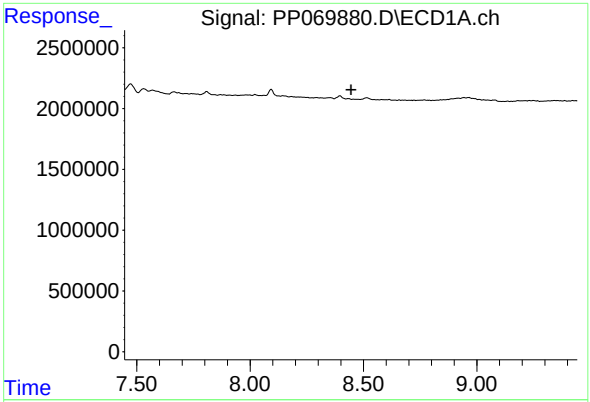
#36 AR-1262-1

R.T.: 8.093 min
Delta R.T.: -0.031 min
Response: 776905
Conc: 9.83 ng/ml



#36 AR-1262-1

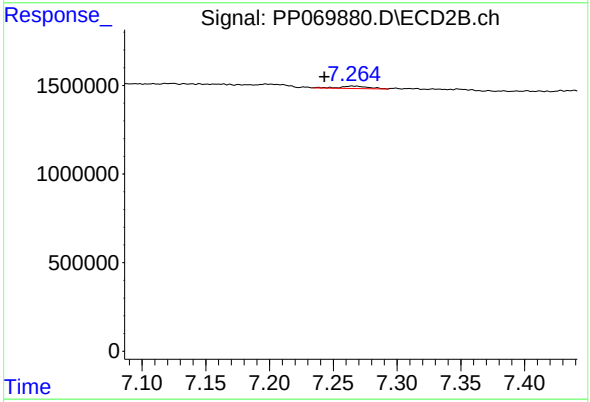
R.T.: 6.928 min
Delta R.T.: -0.055 min
Response: 461053
Conc: 6.49 ng/ml



#37 AR-1262-2

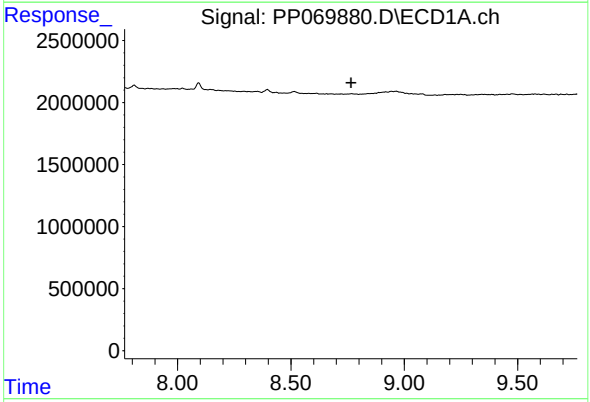
R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



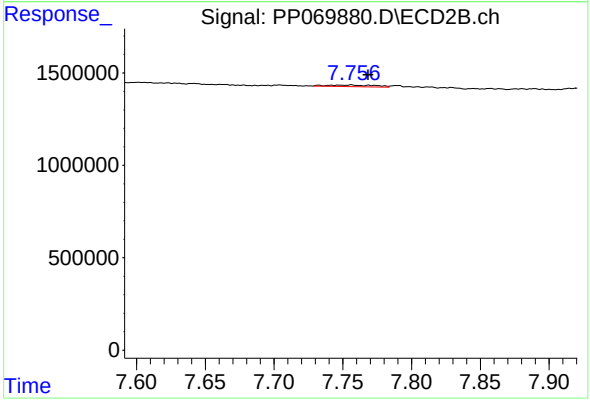
#37 AR-1262-2

R.T.: 7.265 min
Delta R.T.: 0.022 min
Response: 214296
Conc: 3.51 ng/ml



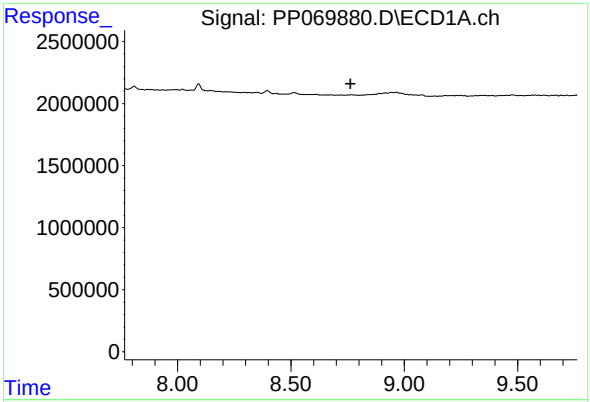
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

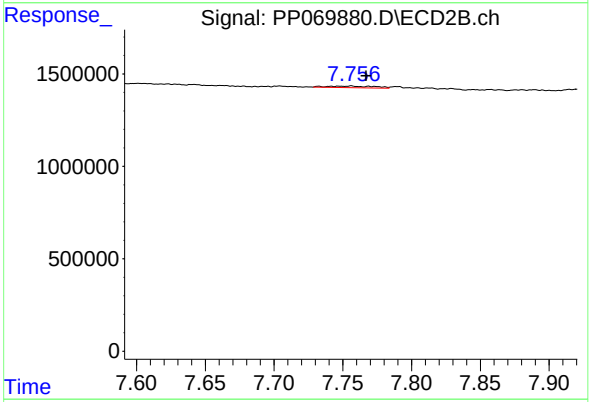
R.T.: 7.756 min
Delta R.T.: -0.012 min
Response: 199761
Conc: 3.82 ng/ml



#41 AR-1268-1

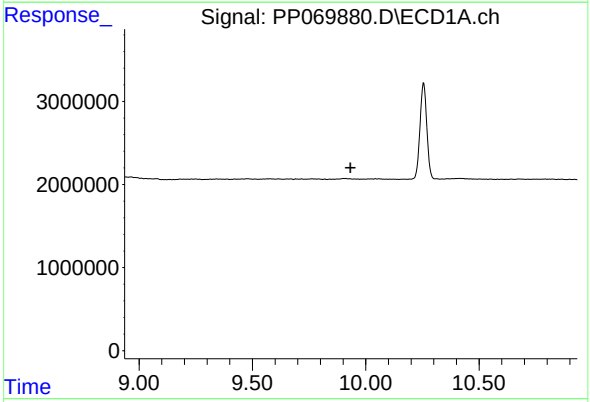
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725



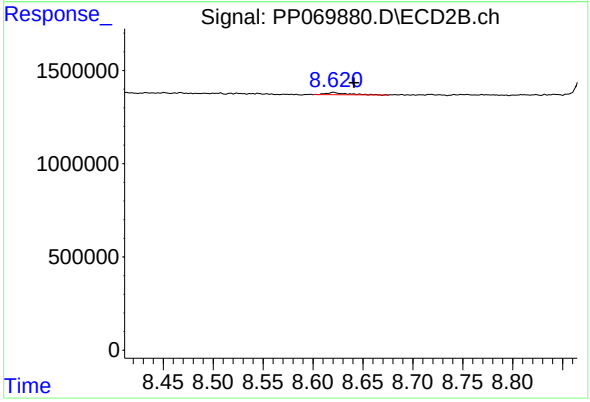
#41 AR-1268-1

R.T.: 7.756 min
Delta R.T.: -0.011 min
Response: 199761
Conc: 1.38 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.020 min
Response: 173532
Conc: 0.49 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069881.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 04:08
Operator : YP\AJ
Sample : Q1383-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : ECD_P
ClientSampleId : OU4-PCS-TC-20-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:42:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.523	3.829	36763941	21416608	25.682	23.995
2)	SA Decachlor...	10.250	8.888	24280991	24093174	22.217	21.541
	Target Compounds						
3)	L1 AR-1016-1	0.000	4.965	0	161733	N.D.	4.959 #
4)	L1 AR-1016-2	0.000	4.965	0	161733	N.D.	3.597 #
5)	L1 AR-1016-3	0.000	5.160	0	81056	N.D.	3.257 #
6)	L1 AR-1016-4	0.000	5.160	0	81056	N.D.	4.013 #
7)	L1 AR-1016-5	0.000	5.368	0	766407	N.D.	28.572 #
8)	L2 AR-1221-1	0.000	4.049	0	75021	N.D.	6.090 #
9)	L2 AR-1221-2	4.824	4.133	444158	514552	32.438	53.138 #
10)	L2 AR-1221-3	0.000	4.228	0	33491	N.D.	1.148 #
11)	L3 AR-1232-1	0.000	4.228	0	33491	N.D.	1.426 #
12)	L3 AR-1232-2	0.000	4.965	0	161733	N.D.	6.861 #
13)	L3 AR-1232-3	0.000	5.160	0	81056	N.D.	6.260 #
14)	L3 AR-1232-4	0.000	5.205	0	51149	N.D.	4.614 #
15)	L3 AR-1232-5	0.000	5.368	0	766407	N.D.	62.767 #
16)	L4 AR-1242-1	0.000	4.965	0	161733	N.D.	5.609 #
17)	L4 AR-1242-2	0.000	4.965	0	161733	N.D.	4.105 #
18)	L4 AR-1242-3	0.000	5.160	0	81056	N.D.	3.602 #
19)	L4 AR-1242-4	0.000	5.205	0	51149	N.D.	2.370 #
20)	L4 AR-1242-5	0.000	5.725	0	515244	N.D.	17.910 #
21)	L5 AR-1248-1	0.000	4.965	0	161733	N.D.	7.348 #
22)	L5 AR-1248-2	0.000	5.160	0	81056	N.D.	2.696 #
23)	L5 AR-1248-3	0.000	5.205	0	51149	N.D.	1.651 #
24)	L5 AR-1248-4	0.000	5.368	0	766407	N.D.	20.745 #
25)	L5 AR-1248-5	0.000	5.765	0	423352	N.D.	11.323 #
26)	L6 AR-1254-1	0.000	5.725	0	515244	N.D.	9.359 #
27)	L6 AR-1254-2	0.000	5.873	0	940067	N.D.	19.435 #
28)	L6 AR-1254-3	7.104	6.281	792654	1763308	9.404	23.233 #
29)	L6 AR-1254-4	7.389	6.586f	817045	251563	11.982	4.909 #
30)	L6 AR-1254-5	0.000	6.927	0	299697	N.D.	4.503 #
31)	L7 AR-1260-1	0.000	6.412	0	1022053	N.D.	21.191 #
32)	L7 AR-1260-2	7.528	6.597	448944	225725	5.770	3.682 #
33)	L7 AR-1260-3	0.000	6.756	0	590858	N.D.	9.822 #
34)	L7 AR-1260-4	8.088f	7.264	502008	217244	7.609	4.675 #
35)	L7 AR-1260-5	0.000	7.464	0	62968	N.D.	0.567 #
36)	L8 AR-1262-1	8.088f	6.927f	502008	299697	6.353	4.220 #
37)	L8 AR-1262-2	0.000	7.264	0	217244	N.D.	3.563 #
45)	L9 AR-1268-5	0.000	8.625	0	128456	N.D.	0.361 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725

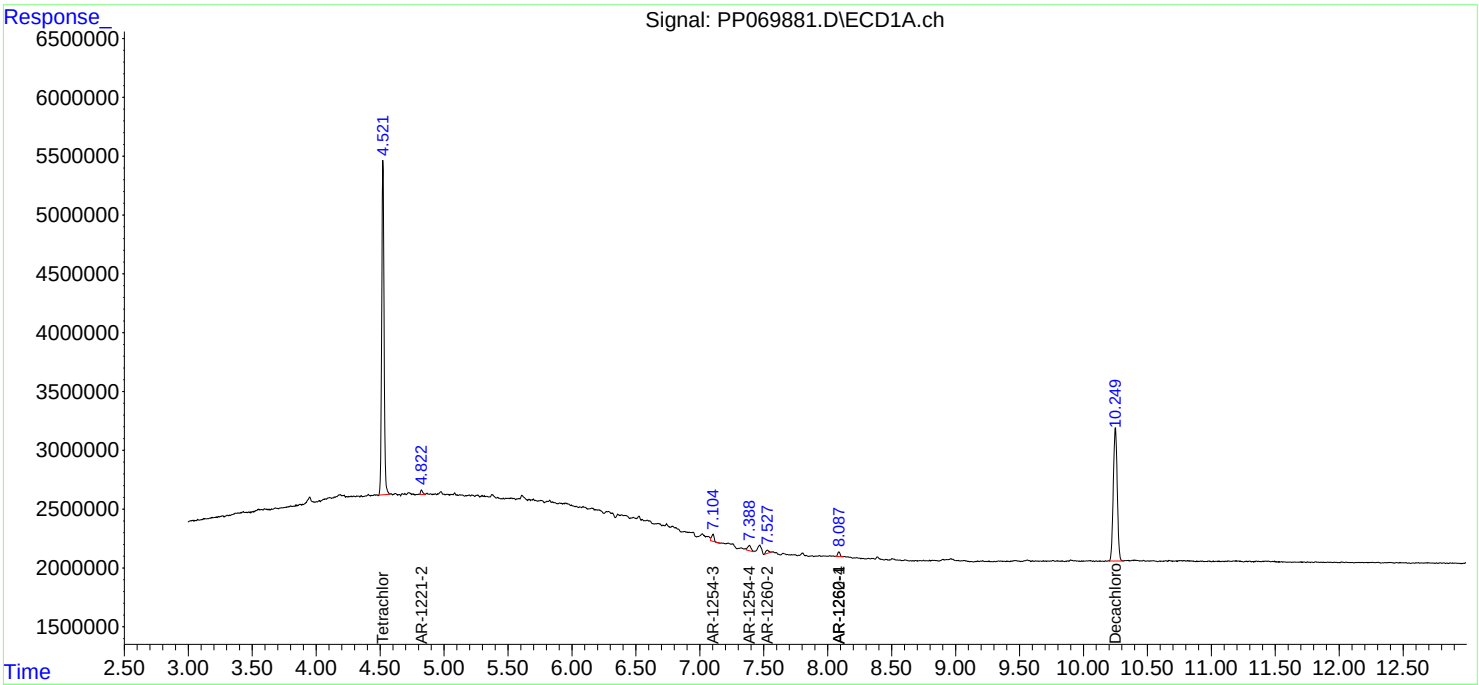
Quantitation Report (Not Reviewed)

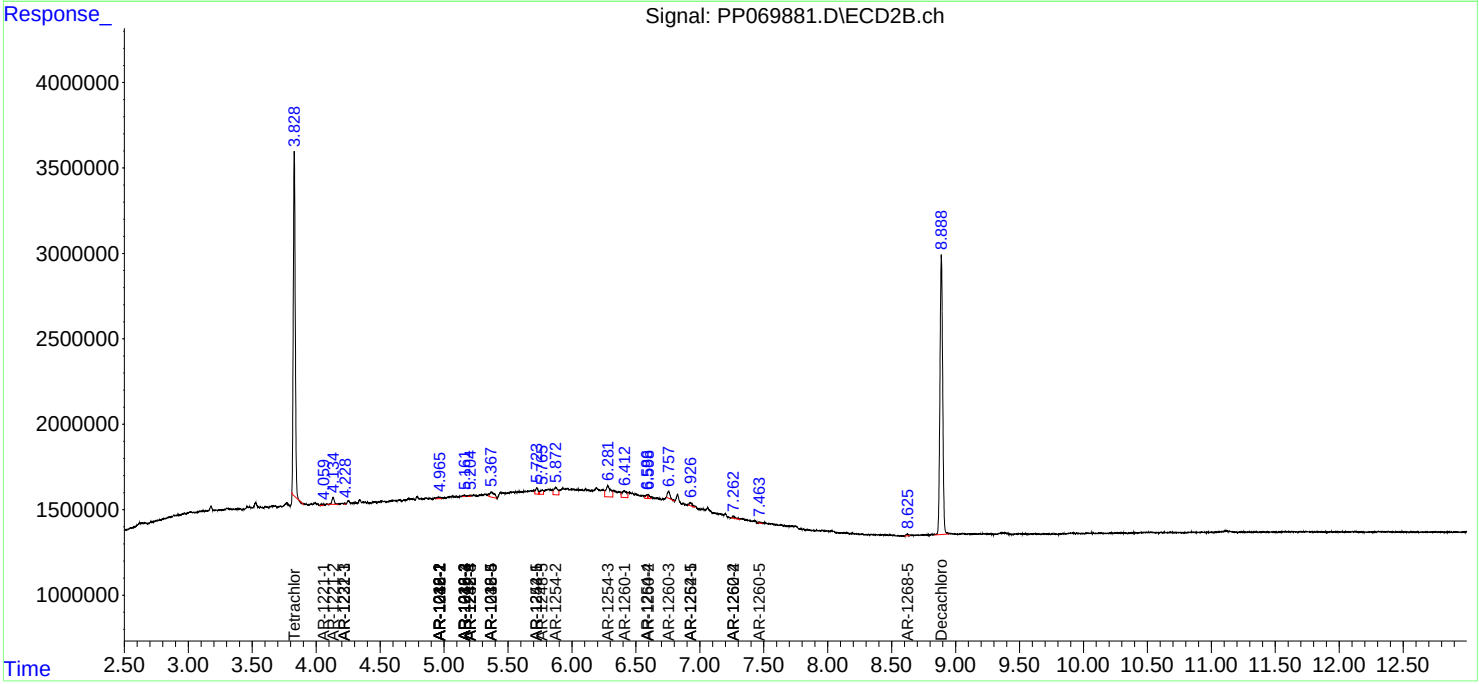
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069881.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 04:08
Operator : YP\AJ
Sample : Q1383-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

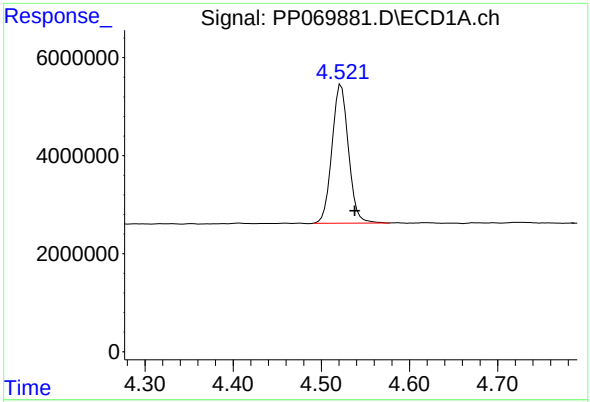
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:42:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



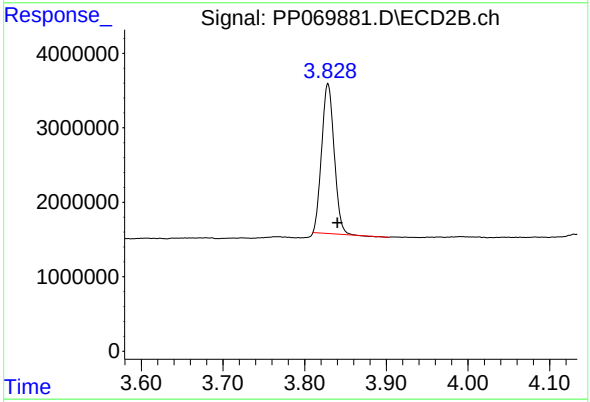




#1 Tetrachloro-m-xylene

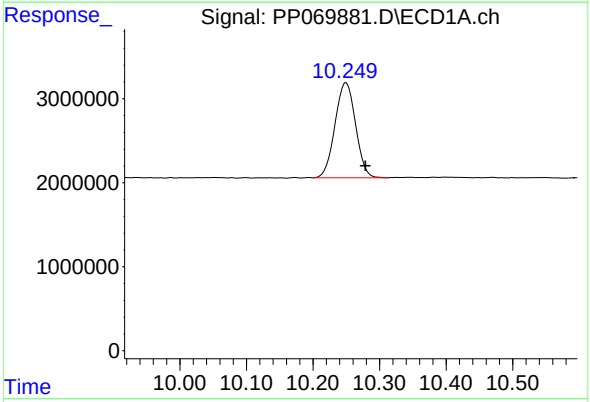
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 36763941
Conc: 25.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



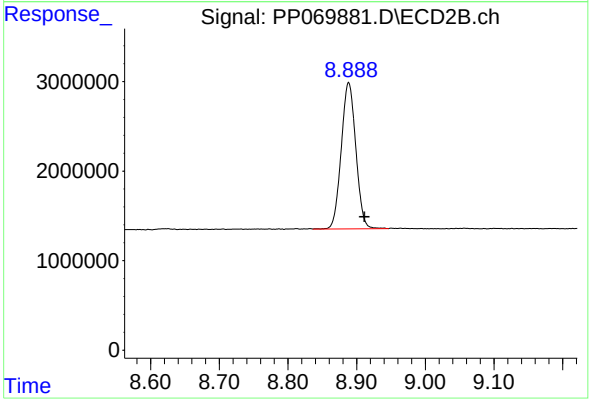
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 21416608
Conc: 24.00 ng/ml



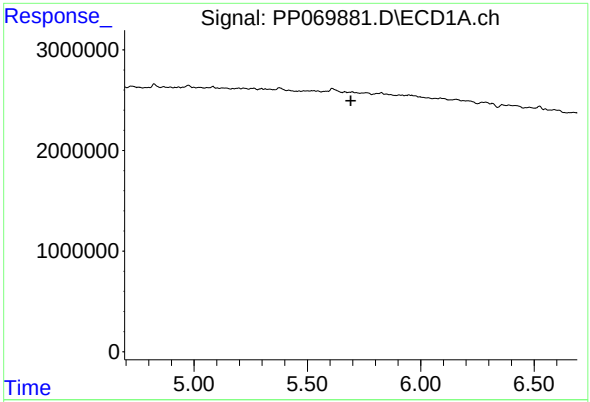
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.029 min
Response: 24280991
Conc: 22.22 ng/ml



#2 Decachlorobiphenyl

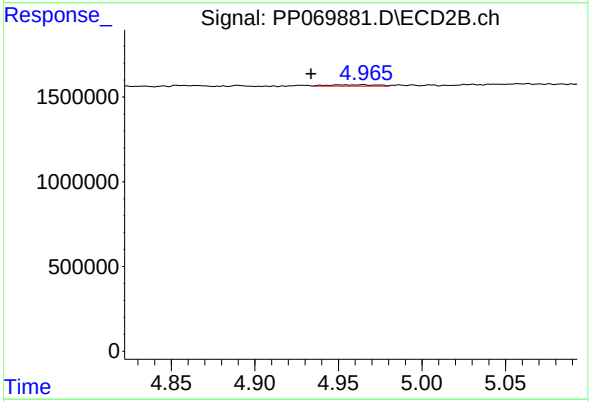
R.T.: 8.888 min
Delta R.T.: -0.023 min
Response: 24093174
Conc: 21.54 ng/ml



#3 AR-1016-1

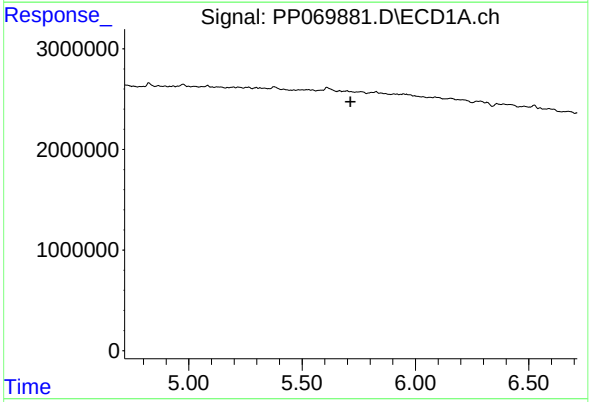
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



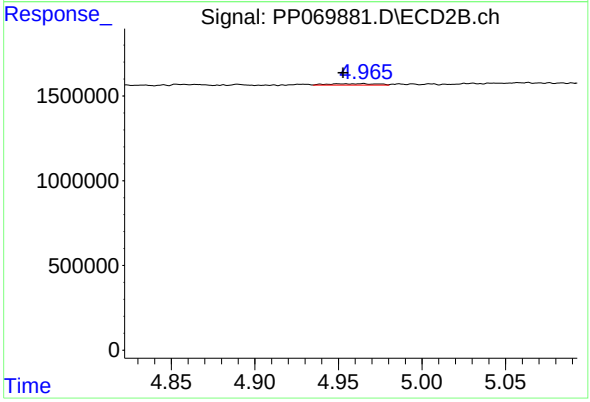
#3 AR-1016-1

R.T.: 4.965 min
Delta R.T.: 0.031 min
Response: 161733
Conc: 4.96 ng/ml



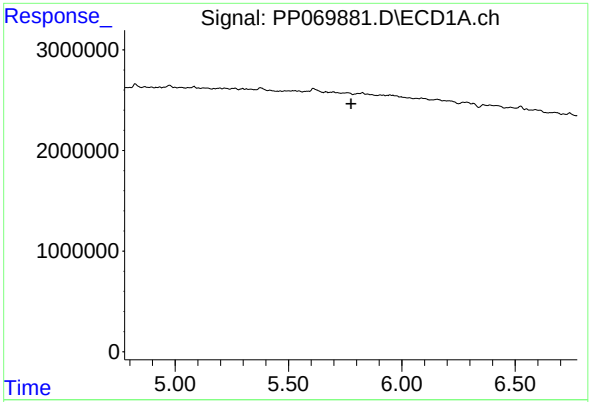
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

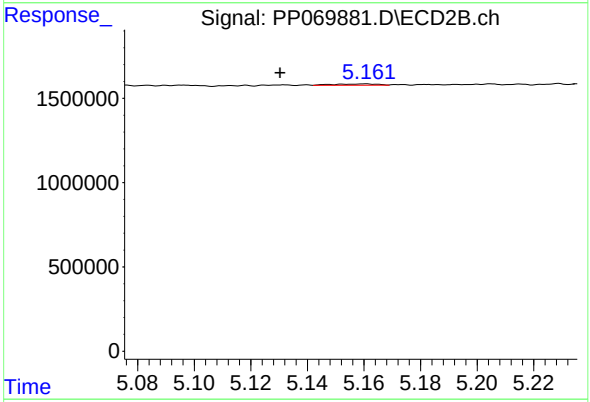
R.T.: 4.965 min
Delta R.T.: 0.012 min
Response: 161733
Conc: 3.60 ng/ml



#5 AR-1016-3

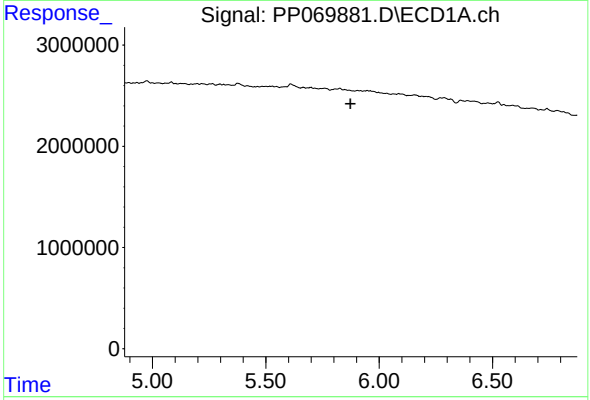
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



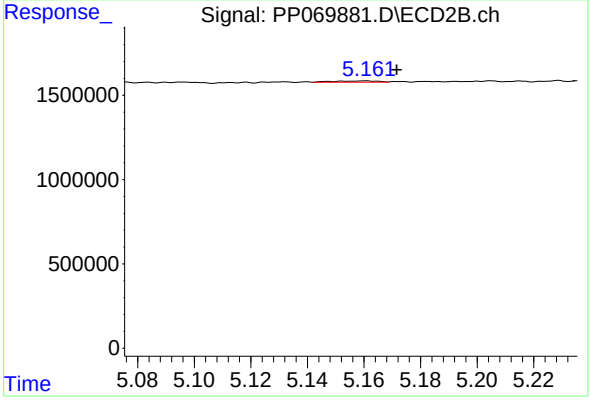
#5 AR-1016-3

R.T.: 5.160 min
Delta R.T.: 0.030 min
Response: 81056
Conc: 3.26 ng/ml



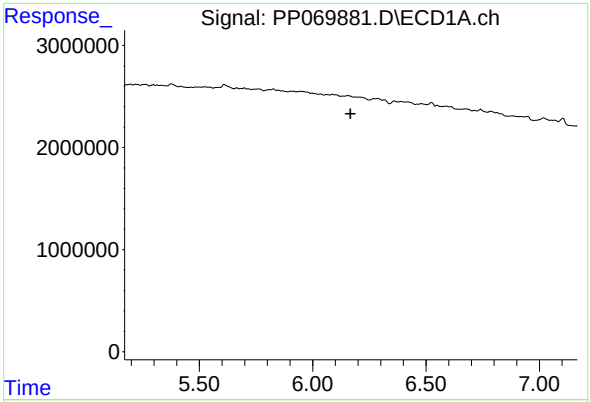
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

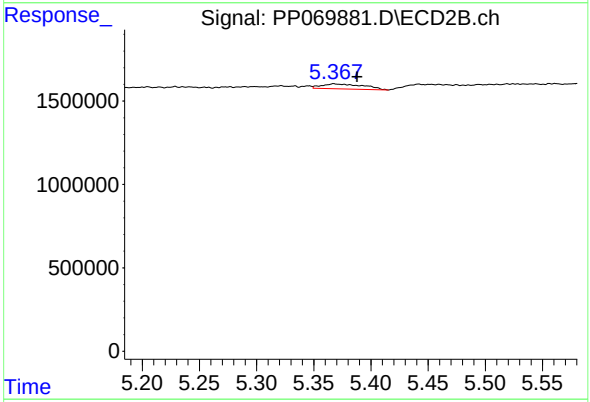
R.T.: 5.160 min
Delta R.T.: -0.011 min
Response: 81056
Conc: 4.01 ng/ml



#7 AR-1016-5

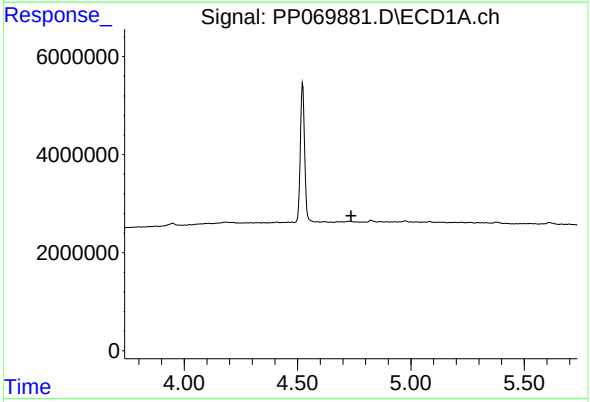
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



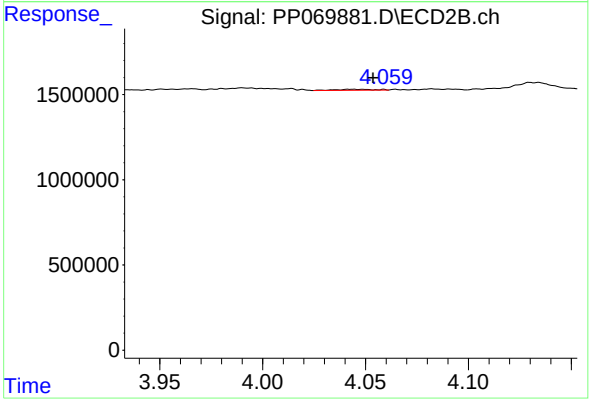
#7 AR-1016-5

R.T.: 5.368 min
Delta R.T.: -0.020 min
Response: 766407
Conc: 28.57 ng/ml



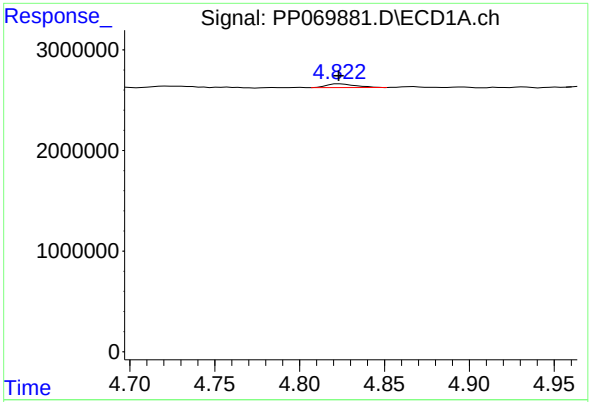
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

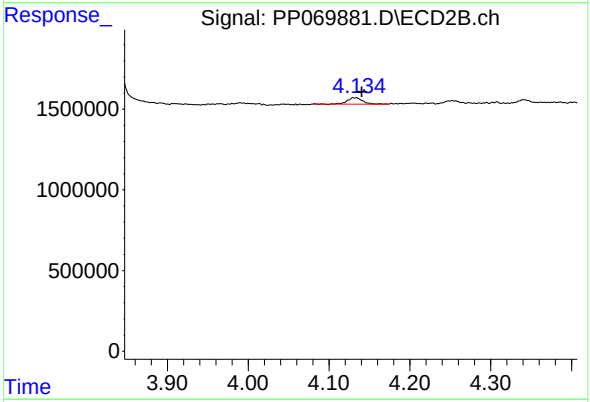
R.T.: 4.049 min
Delta R.T.: -0.005 min
Response: 75021
Conc: 6.09 ng/ml



#9 AR-1221-2

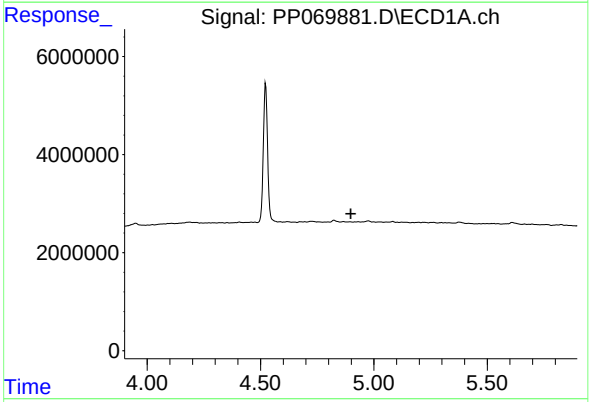
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 444158
Conc: 32.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



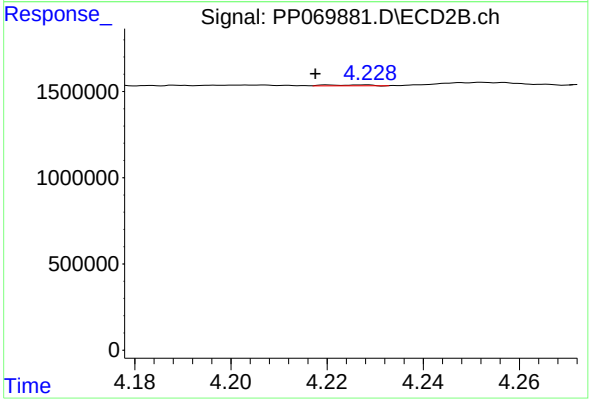
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.007 min
Response: 514552
Conc: 53.14 ng/ml



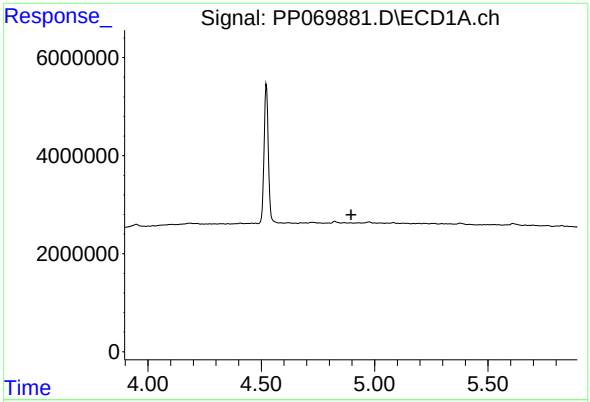
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

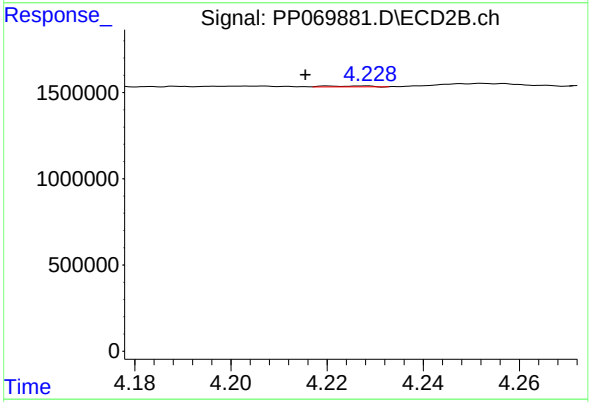
R.T.: 4.228 min
Delta R.T.: 0.010 min
Response: 33491
Conc: 1.15 ng/ml



#11 AR-1232-1

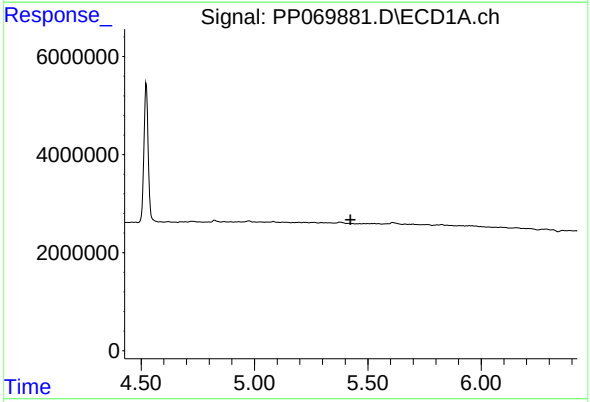
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



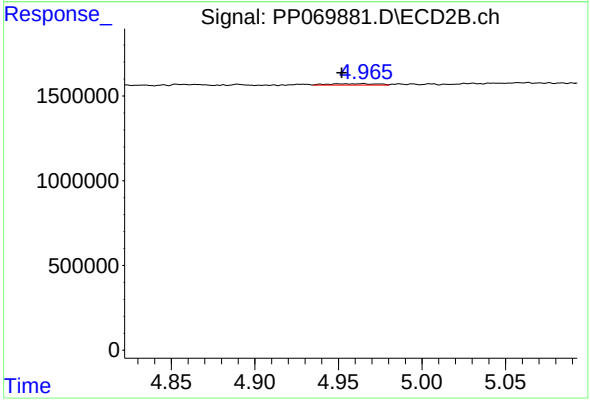
#11 AR-1232-1

R.T.: 4.228 min
Delta R.T.: 0.012 min
Response: 33491
Conc: 1.43 ng/ml



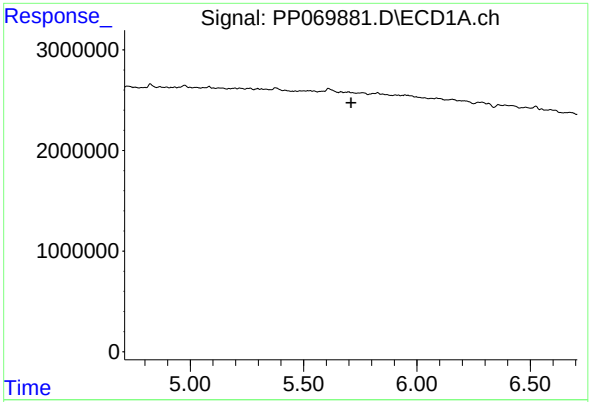
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

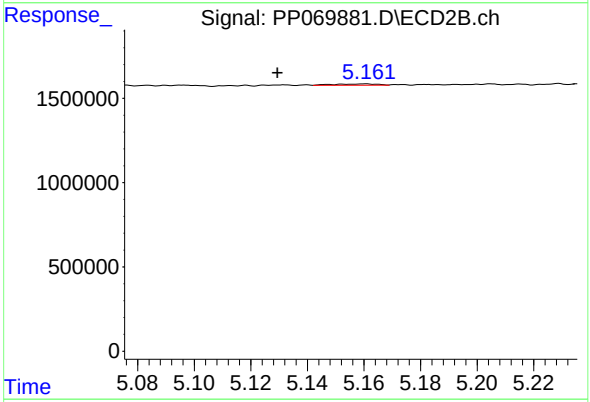
R.T.: 4.965 min
Delta R.T.: 0.013 min
Response: 161733
Conc: 6.86 ng/ml



#13 AR-1232-3

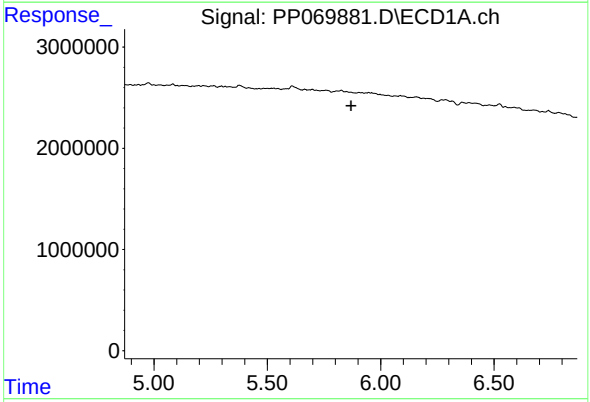
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



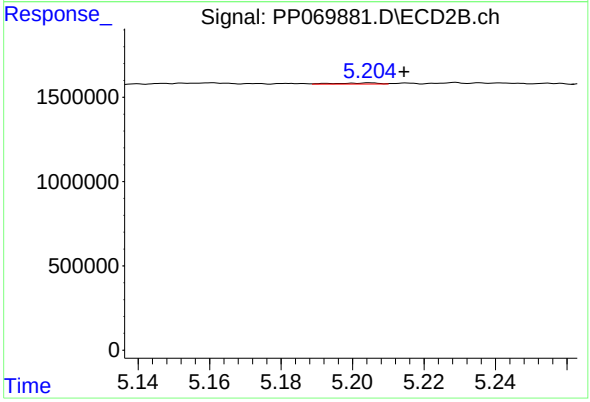
#13 AR-1232-3

R.T.: 5.160 min
Delta R.T.: 0.031 min
Response: 81056
Conc: 6.26 ng/ml



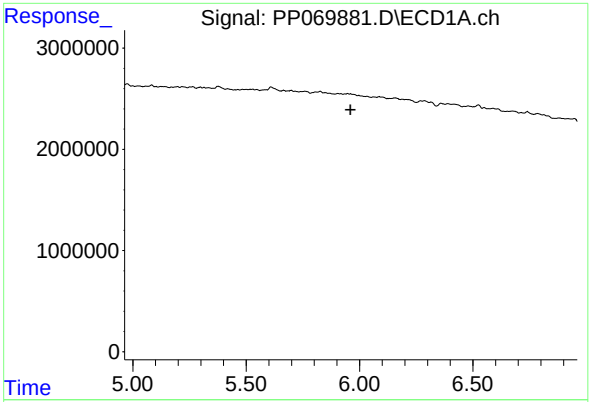
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

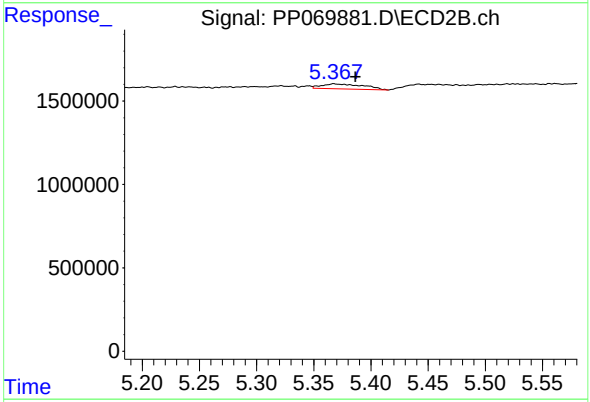
R.T.: 5.205 min
Delta R.T.: -0.010 min
Response: 51149
Conc: 4.61 ng/ml



#15 AR-1232-5

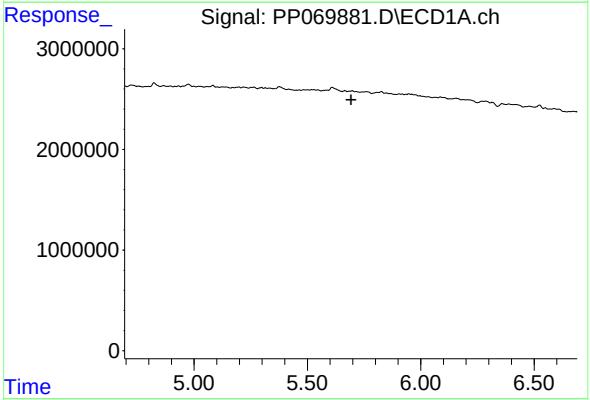
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



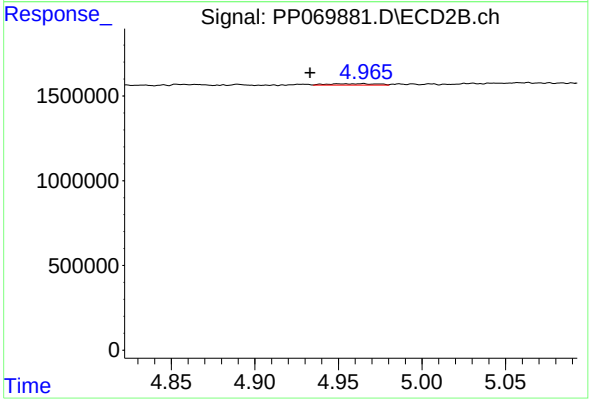
#15 AR-1232-5

R.T.: 5.368 min
Delta R.T.: -0.019 min
Response: 766407
Conc: 62.77 ng/ml



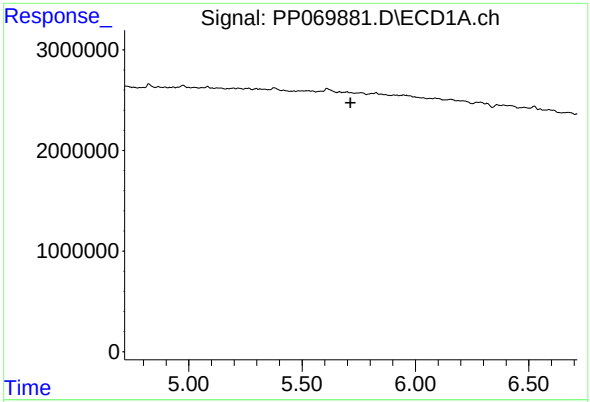
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

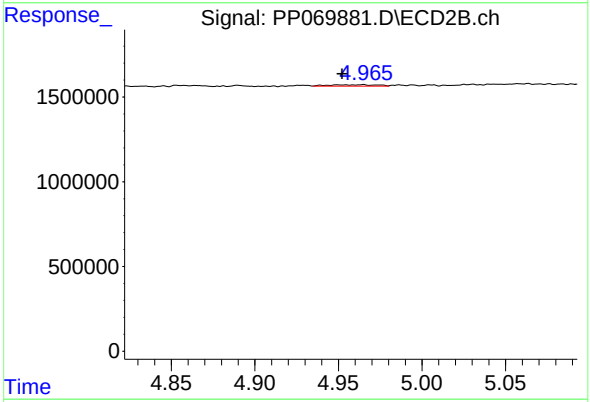
R.T.: 4.965 min
Delta R.T.: 0.032 min
Response: 161733
Conc: 5.61 ng/ml



#17 AR-1242-2

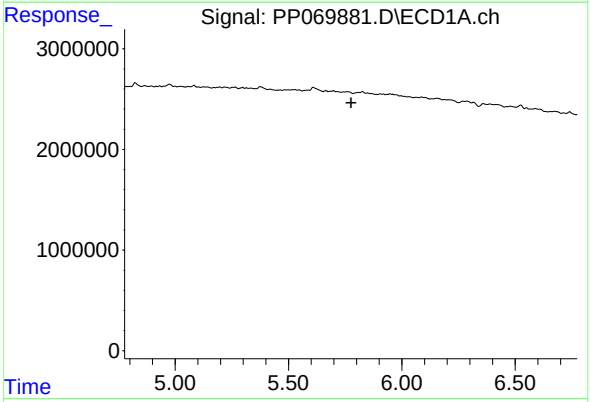
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



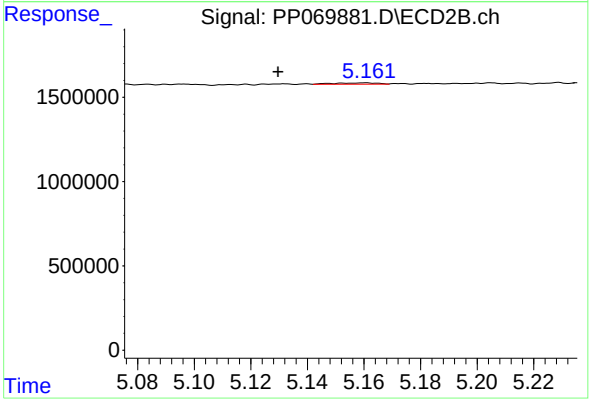
#17 AR-1242-2

R.T.: 4.965 min
Delta R.T.: 0.012 min
Response: 161733
Conc: 4.11 ng/ml



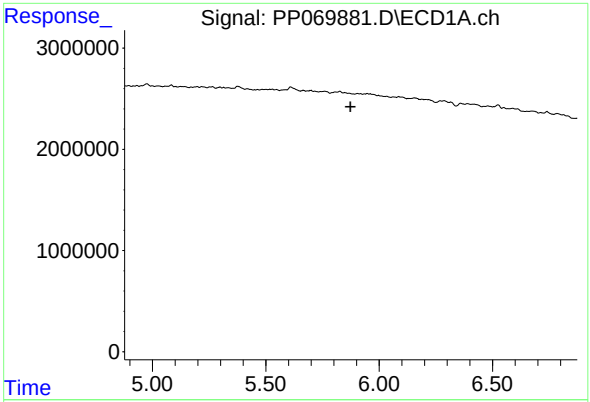
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

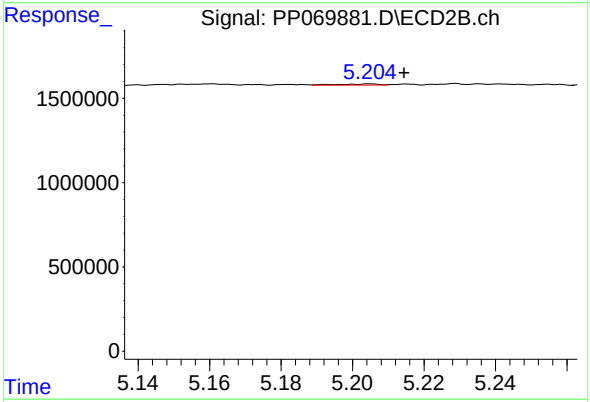
R.T.: 5.160 min
Delta R.T.: 0.031 min
Response: 81056
Conc: 3.60 ng/ml



#19 AR-1242-4

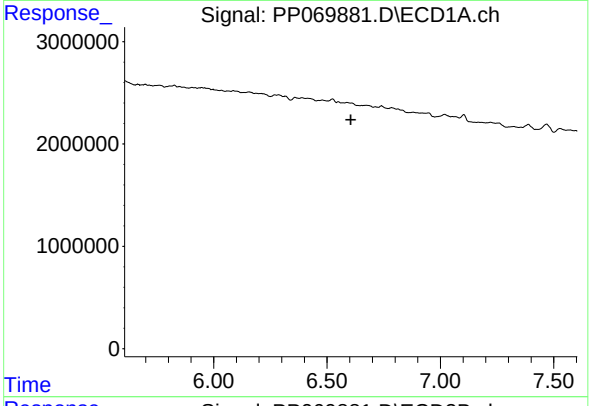
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



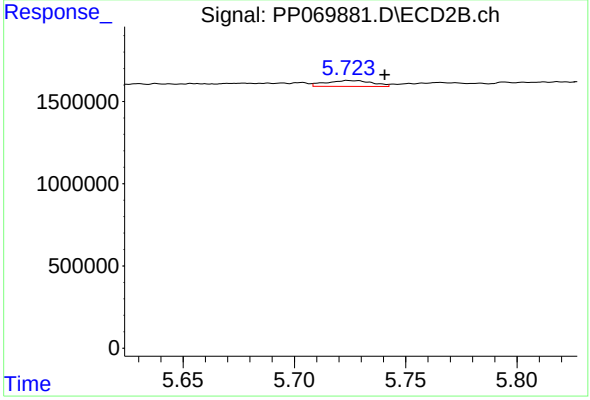
#19 AR-1242-4

R.T.: 5.205 min
Delta R.T.: -0.010 min
Response: 51149
Conc: 2.37 ng/ml



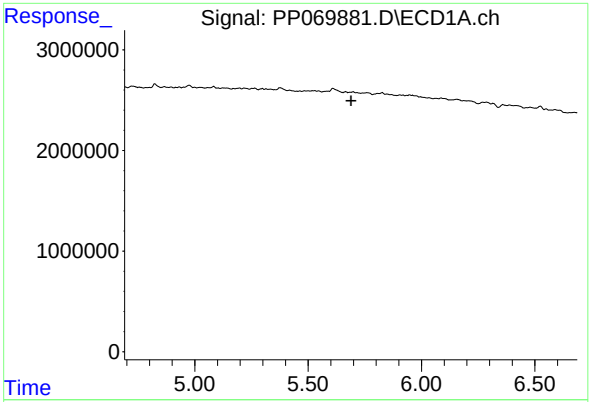
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

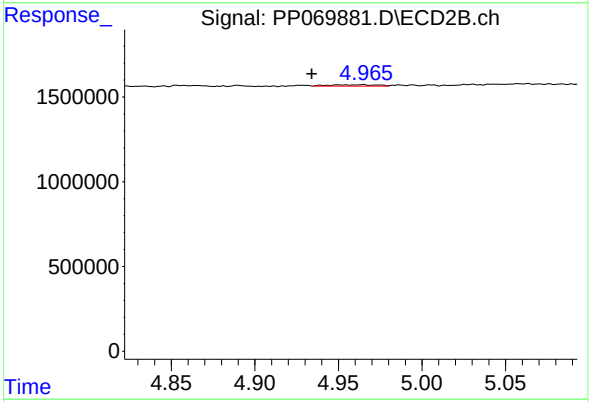
R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 515244
Conc: 17.91 ng/ml



#21 AR-1248-1

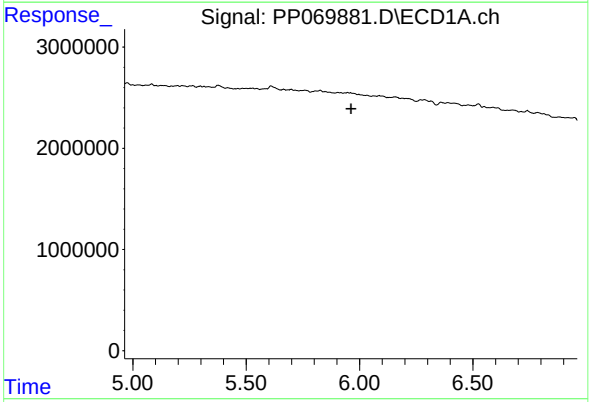
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



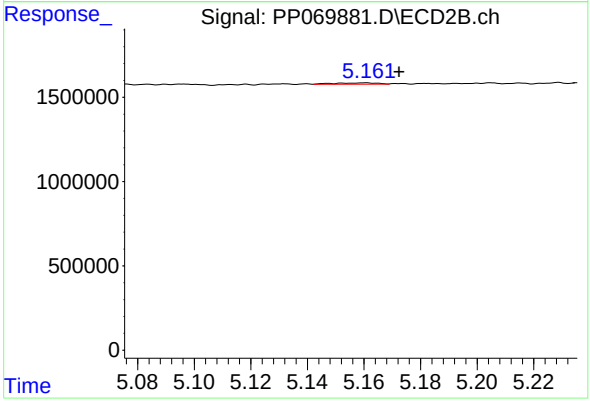
#21 AR-1248-1

R.T.: 4.965 min
Delta R.T.: 0.031 min
Response: 161733
Conc: 7.35 ng/ml



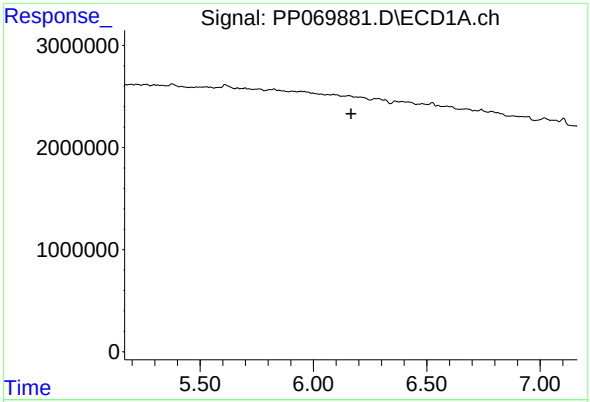
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

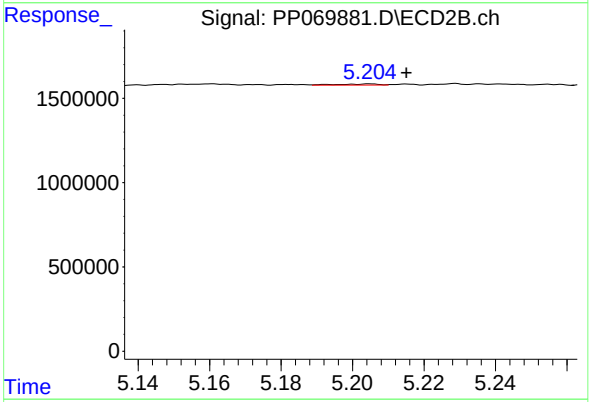
R.T.: 5.160 min
Delta R.T.: -0.012 min
Response: 81056
Conc: 2.70 ng/ml



#23 AR-1248-3

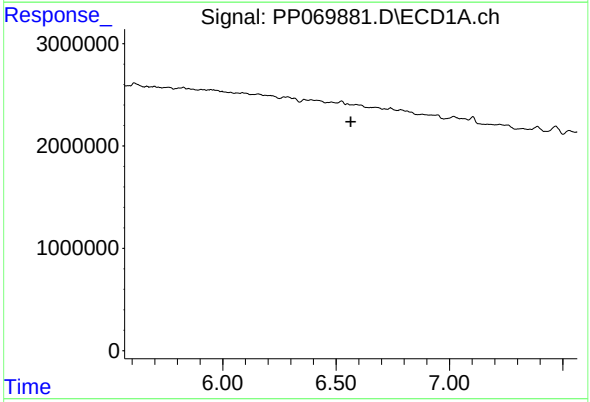
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



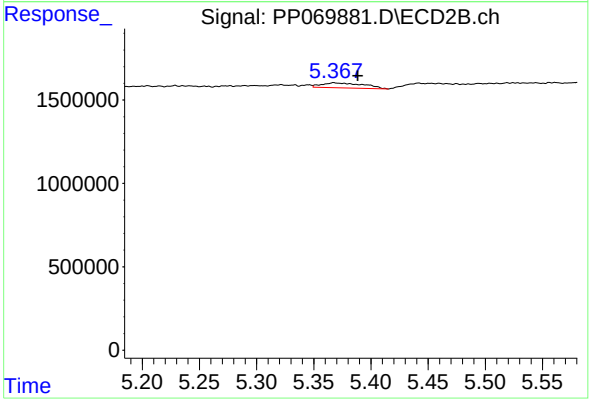
#23 AR-1248-3

R.T.: 5.205 min
Delta R.T.: -0.010 min
Response: 51149
Conc: 1.65 ng/ml



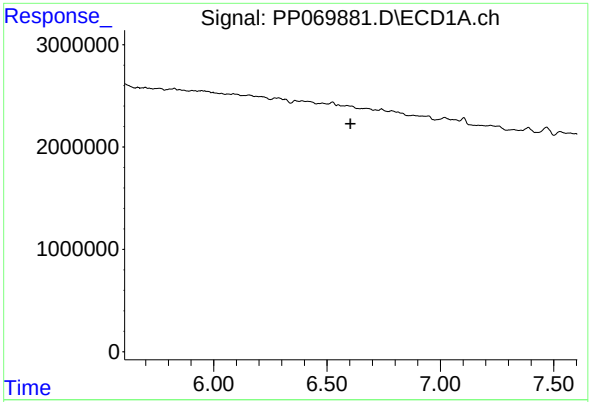
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



#24 AR-1248-4

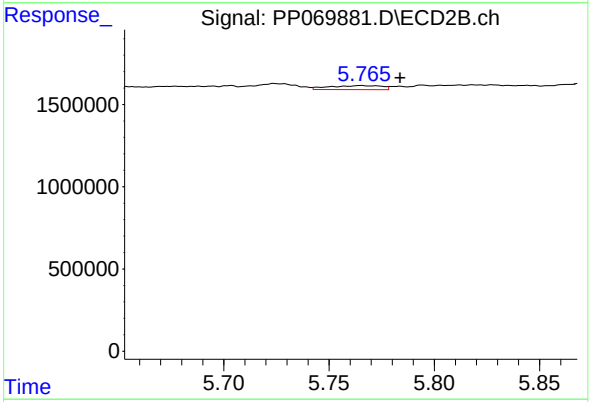
R.T.: 5.368 min
Delta R.T.: -0.021 min
Response: 766407
Conc: 20.75 ng/ml



#25 AR-1248-5

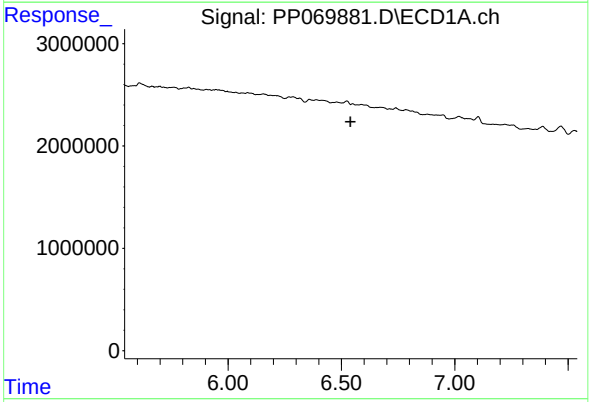
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



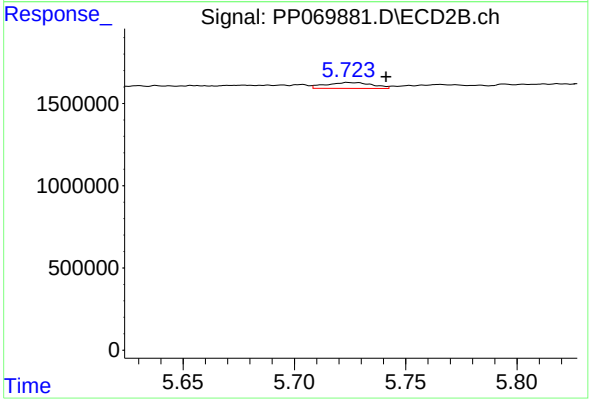
#25 AR-1248-5

R.T.: 5.765 min
Delta R.T.: -0.018 min
Response: 423352
Conc: 11.32 ng/ml



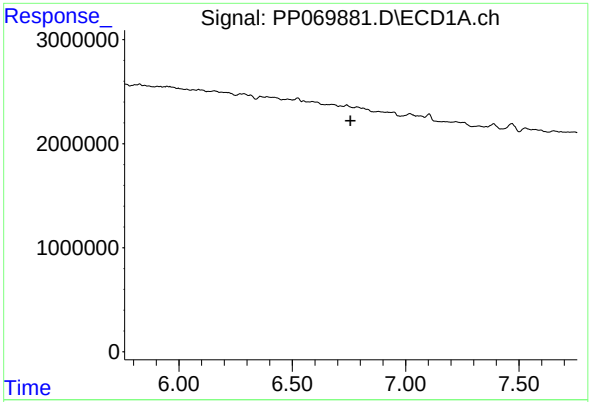
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.541 min
Response: 0
Conc: N.D.



#26 AR-1254-1

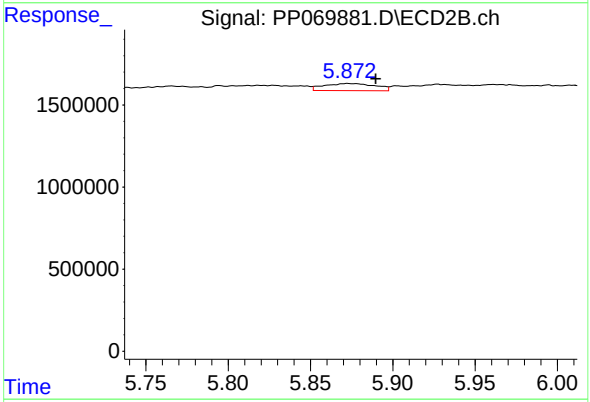
R.T.: 5.725 min
Delta R.T.: -0.017 min
Response: 515244
Conc: 9.36 ng/ml



#27 AR-1254-2

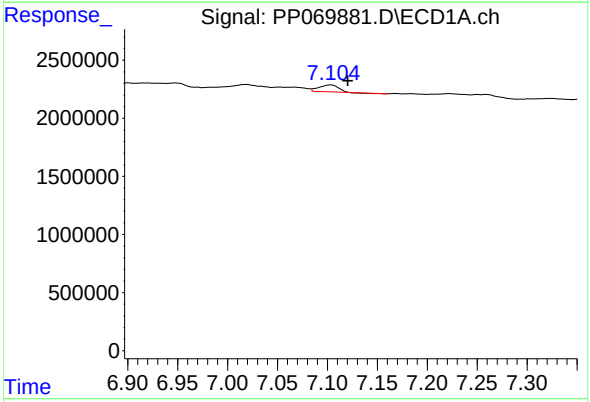
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



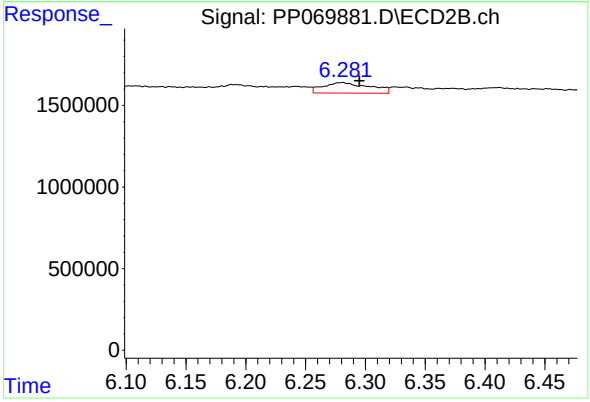
#27 AR-1254-2

R.T.: 5.873 min
Delta R.T.: -0.017 min
Response: 940067
Conc: 19.44 ng/ml



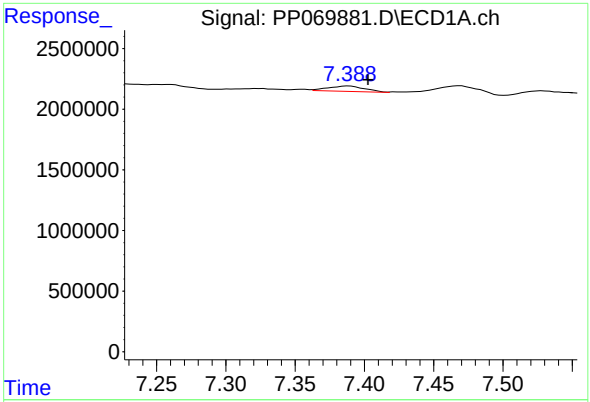
#28 AR-1254-3

R.T.: 7.104 min
Delta R.T.: -0.016 min
Response: 792654
Conc: 9.40 ng/ml



#28 AR-1254-3

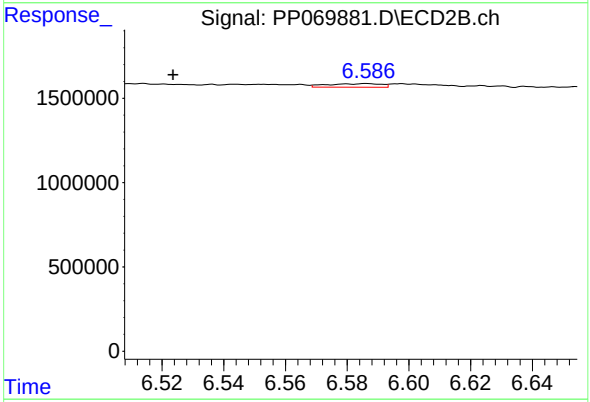
R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 1763308
Conc: 23.23 ng/ml



#29 AR-1254-4

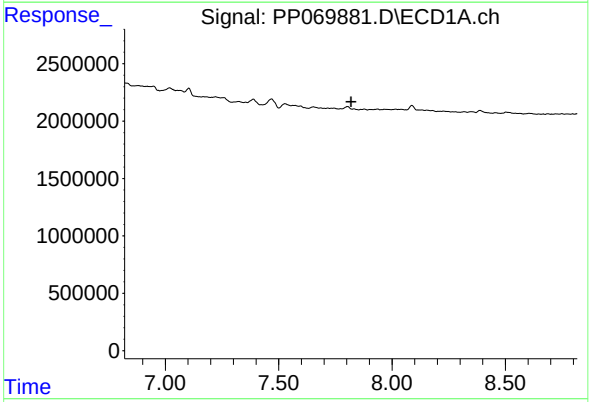
R.T.: 7.389 min
Delta R.T.: -0.014 min
Response: 817045
Conc: 11.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



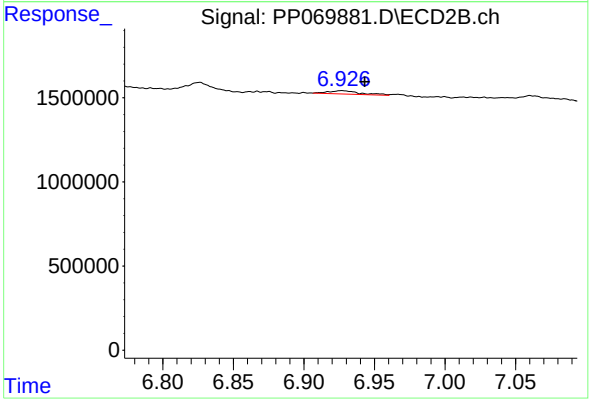
#29 AR-1254-4

R.T.: 6.586 min
Delta R.T.: 0.063 min
Response: 251563
Conc: 4.91 ng/ml



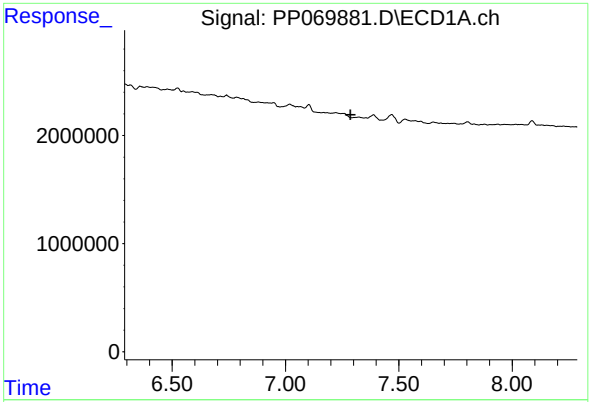
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

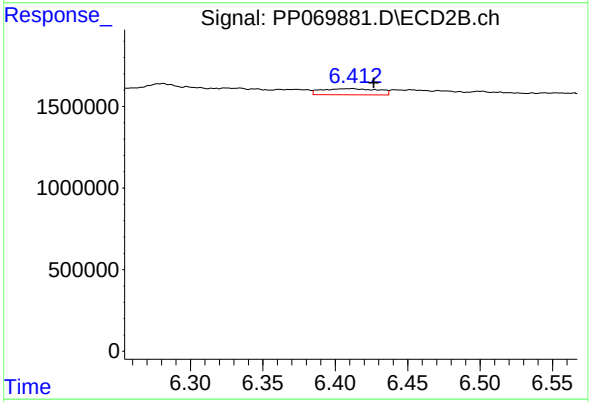
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 299697
Conc: 4.50 ng/ml



#31 AR-1260-1

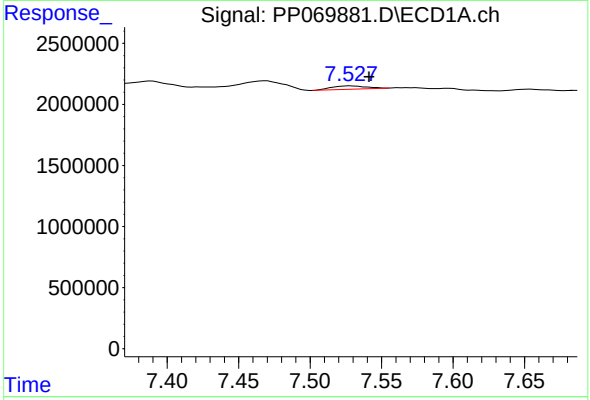
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



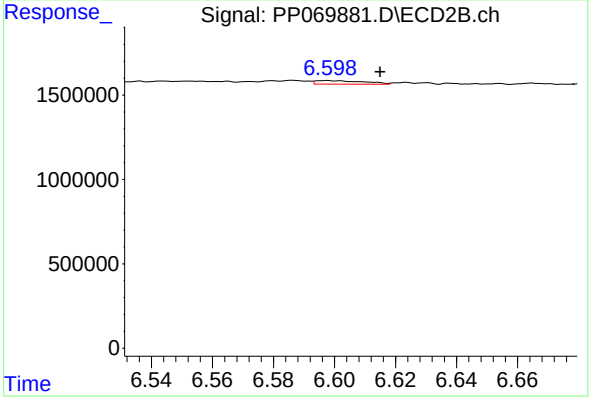
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 1022053
Conc: 21.19 ng/ml



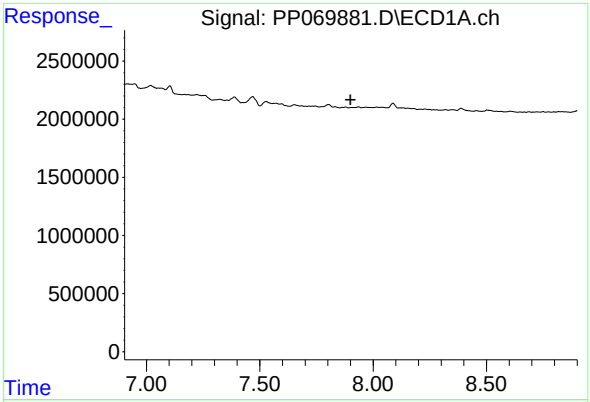
#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: -0.013 min
Response: 448944
Conc: 5.77 ng/ml



#32 AR-1260-2

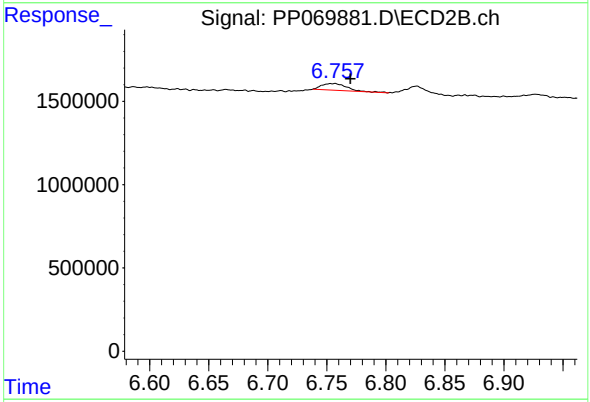
R.T.: 6.597 min
Delta R.T.: -0.018 min
Response: 225725
Conc: 3.68 ng/ml



#33 AR-1260-3

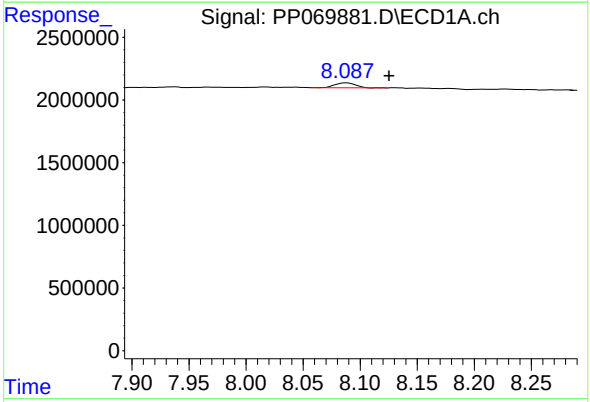
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



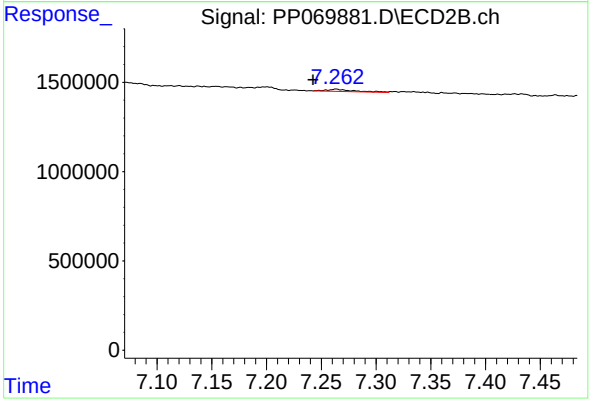
#33 AR-1260-3

R.T.: 6.756 min
Delta R.T.: -0.014 min
Response: 590858
Conc: 9.82 ng/ml



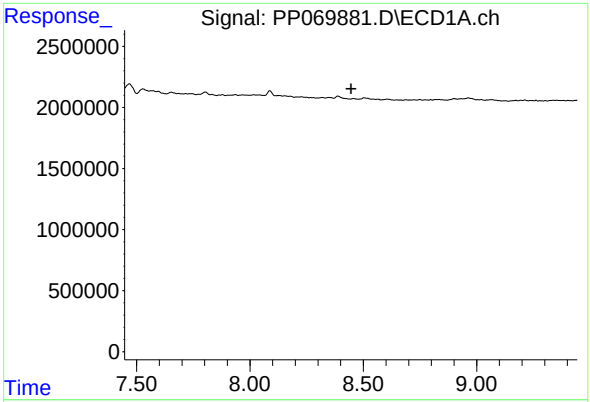
#34 AR-1260-4

R.T.: 8.088 min
Delta R.T.: -0.037 min
Response: 502008
Conc: 7.61 ng/ml



#34 AR-1260-4

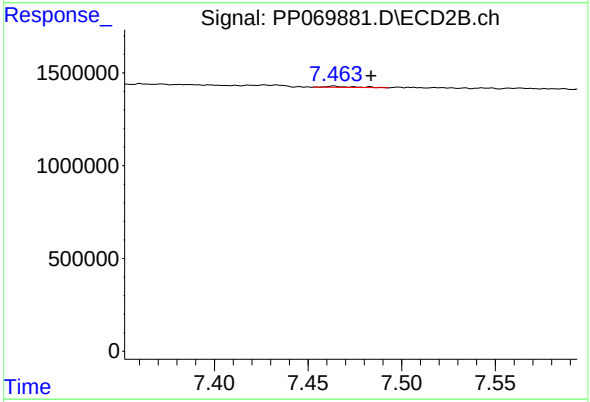
R.T.: 7.264 min
Delta R.T.: 0.021 min
Response: 217244
Conc: 4.68 ng/ml



#35 AR-1260-5

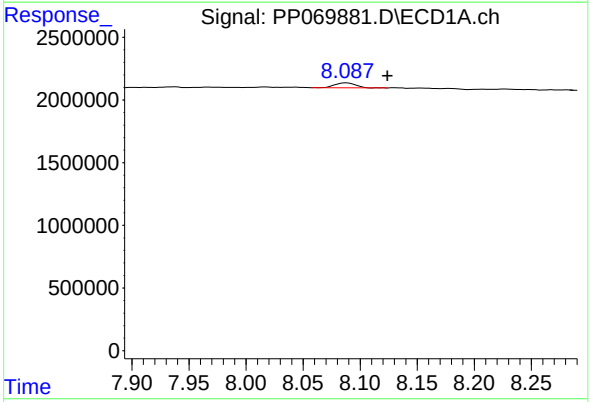
R.T.: 0.000 min
Exp R.T. : 8.447 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



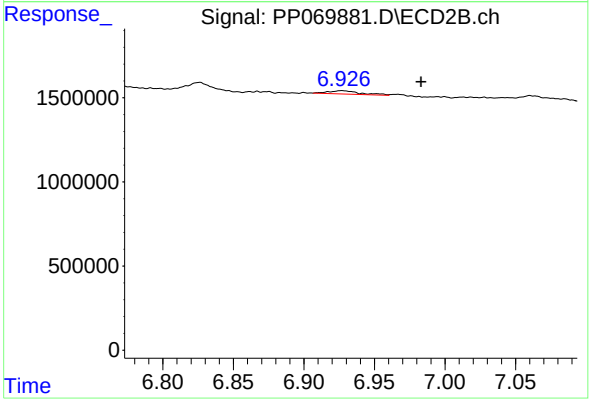
#35 AR-1260-5

R.T.: 7.464 min
Delta R.T.: -0.020 min
Response: 62968
Conc: 0.57 ng/ml



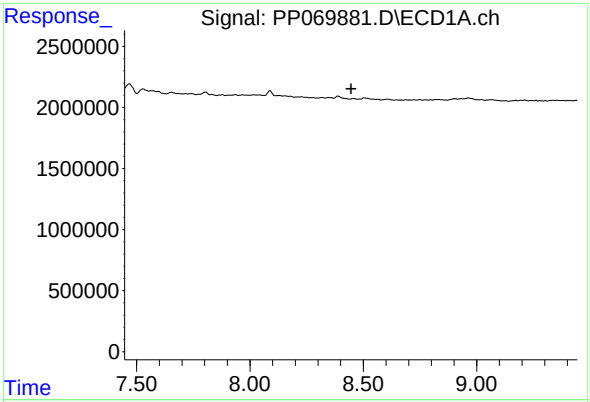
#36 AR-1262-1

R.T.: 8.088 min
Delta R.T.: -0.036 min
Response: 502008
Conc: 6.35 ng/ml



#36 AR-1262-1

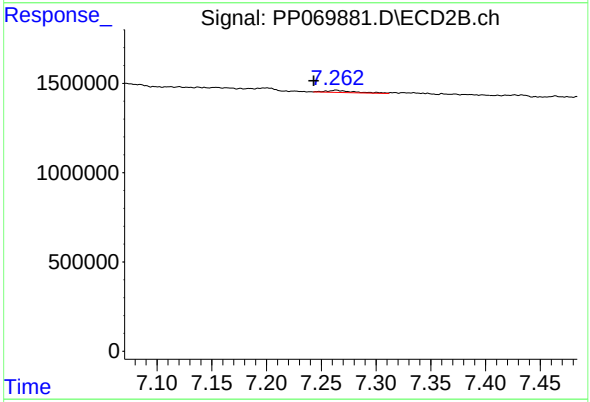
R.T.: 6.927 min
Delta R.T.: -0.056 min
Response: 299697
Conc: 4.22 ng/ml



#37 AR-1262-2

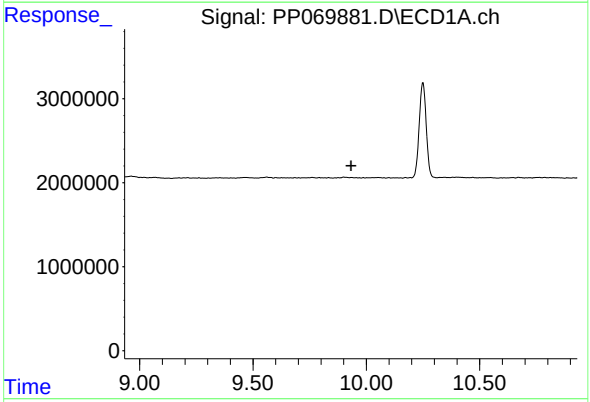
R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-20-021725



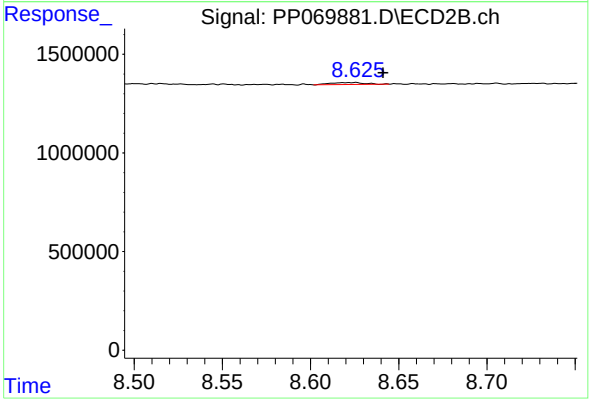
#37 AR-1262-2

R.T.: 7.264 min
Delta R.T.: 0.021 min
Response: 217244
Conc: 3.56 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.625 min
Delta R.T.: -0.016 min
Response: 128456
Conc: 0.36 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 04:24
Operator : YP\AJ
Sample : Q1383-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:42:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.528	3.831	38283311	22670748	26.744	25.400	
2)	SA Decachlor...	10.256	8.890	25390888	26692404	23.233	23.865	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.944	0	109295	N.D.	3.351	#
4)	L1 AR-1016-2	0.000	4.958	0	77410	N.D.	1.722	#
5)	L1 AR-1016-3	0.000	5.120	0	73134	N.D.	2.939	#
6)	L1 AR-1016-4	0.000	5.160	0	296572	N.D.	14.684	#
7)	L1 AR-1016-5	0.000	5.373	0	1110057	N.D.	41.383	#
8)	L2 AR-1221-1	4.730	4.058	658996	68224	34.648	5.539	#
9)	L2 AR-1221-2	4.830	4.133	799299	554955	58.375	57.310	
10)	L2 AR-1221-3	4.830f	4.205	799299	67670	19.057	2.320	#
11)	L3 AR-1232-1	4.830f	4.205	799299	67670	24.008	2.882	#
12)	L3 AR-1232-2	0.000	4.958	0	77410	N.D.	3.284	#
13)	L3 AR-1232-3	0.000	5.120	0	73134	N.D.	5.649	#
14)	L3 AR-1232-4	0.000	5.230	0	32637	N.D.	2.944	#
15)	L3 AR-1232-5	0.000	5.373	0	1110057	N.D.	90.911	#
16)	L4 AR-1242-1	0.000	4.944	0	109295	N.D.	3.791	#
17)	L4 AR-1242-2	0.000	4.958	0	77410	N.D.	1.965	#
18)	L4 AR-1242-3	0.000	5.120	0	73134	N.D.	3.250	#
19)	L4 AR-1242-4	0.000	5.230	0	32637	N.D.	1.512	#
20)	L4 AR-1242-5	0.000	5.752	0	95422	N.D.	3.317	#
21)	L5 AR-1248-1	0.000	4.944	0	109295	N.D.	4.966	#
22)	L5 AR-1248-2	0.000	5.160	0	296572	N.D.	9.864	#
23)	L5 AR-1248-3	0.000	5.230	0	32637	N.D.	1.053	#
24)	L5 AR-1248-4	6.530	5.373	2196795	1110057	39.854	30.047	
25)	L5 AR-1248-5	0.000	5.770	0	315934	N.D.	8.450	#
26)	L6 AR-1254-1	6.530	5.752	2196795	95422	37.965	1.733	#
27)	L6 AR-1254-2	6.746	5.877	1520715	1500370	18.952	31.019	#
28)	L6 AR-1254-3	7.107	6.282	1122635	2262058	13.319	29.805	#
29)	L6 AR-1254-4	7.392	6.506	1441576	892293	21.141	17.411	
30)	L6 AR-1254-5	7.808	6.928	562502	558602	8.266	8.392	
31)	L7 AR-1260-1	0.000	6.412	0	1198822	N.D.	24.857	#
32)	L7 AR-1260-2	7.531	6.600	649015	910830	8.341	14.858	#
33)	L7 AR-1260-3	0.000	6.756	0	730495	N.D.	12.143	#
34)	L7 AR-1260-4	8.092	7.265	894704	327242	13.561	7.042	#
36)	L8 AR-1262-1	8.092	6.928f	894704	558602	11.323	7.866	#
37)	L8 AR-1262-2	0.000	7.265	0	327242	N.D.	5.366	#
40)	L8 AR-1262-5	0.000	8.353	0	67744	N.D.	1.417	#
44)	L9 AR-1268-4	0.000	8.353	0	67744	N.D.	1.301	#
45)	L9 AR-1268-5	0.000	8.655	0	72070	N.D.	0.202	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 04:24
Operator : YP\AJ
Sample : Q1383-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:42:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

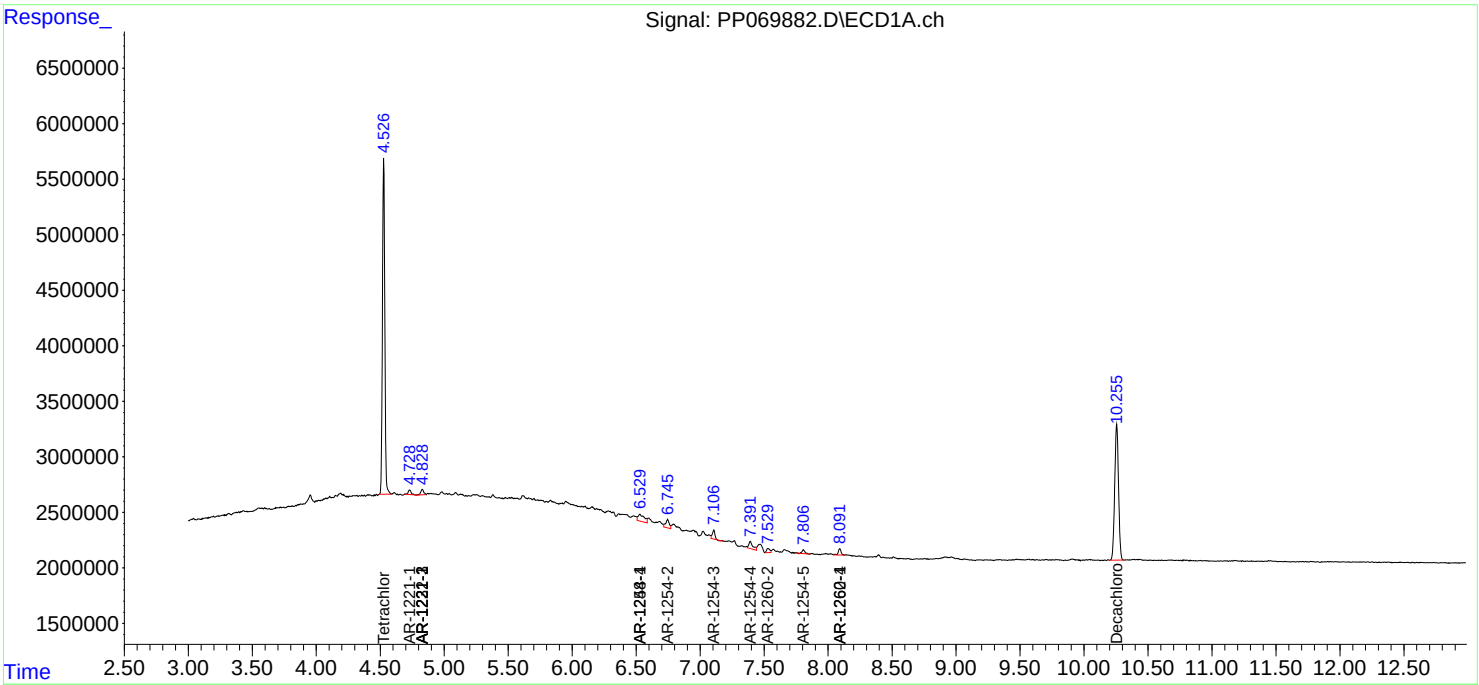
Quantitation Report (Not Reviewed)

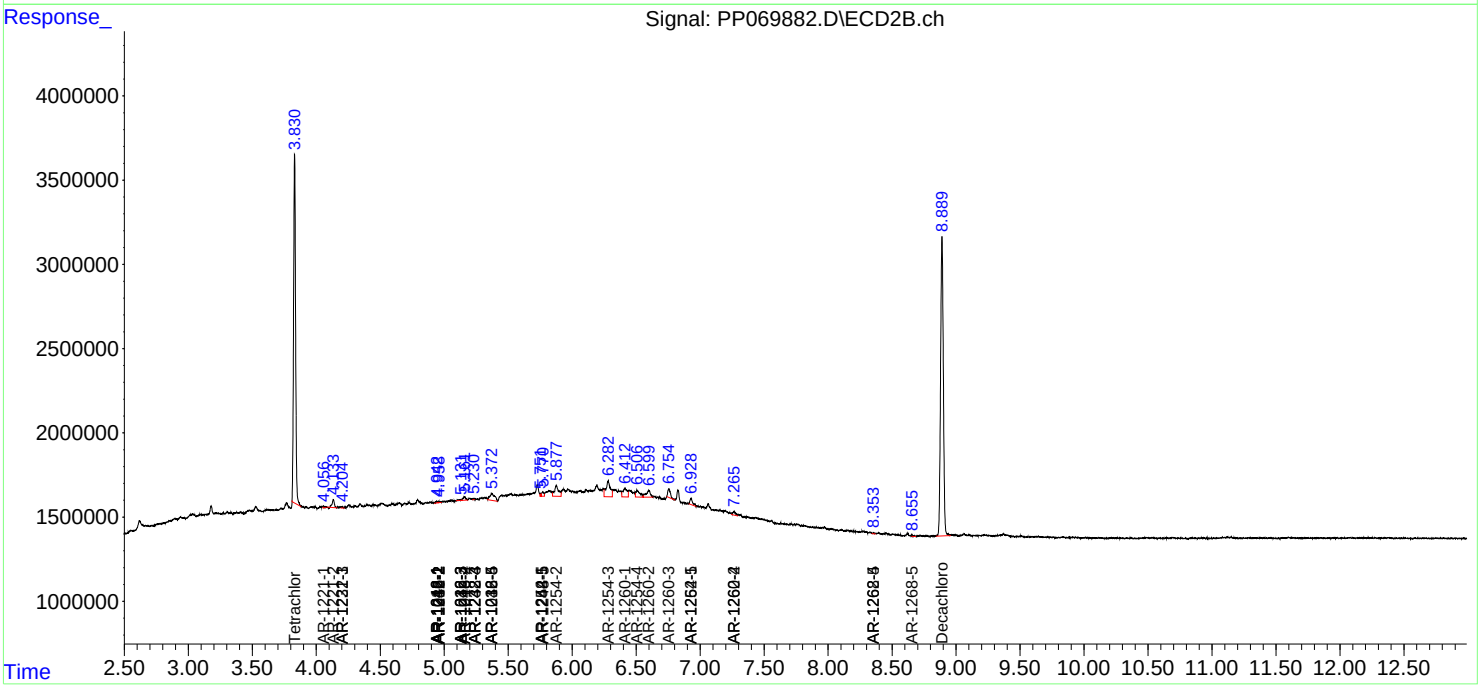
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 04:24
Operator : YP\AJ
Sample : Q1383-21
Misc :
ALS Vial : 42 Sample Multiplier: 1

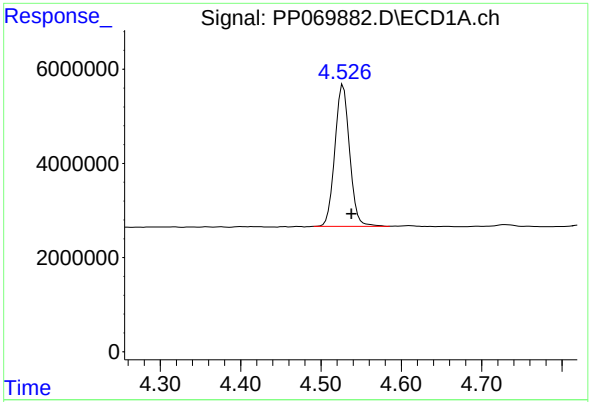
Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:42:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



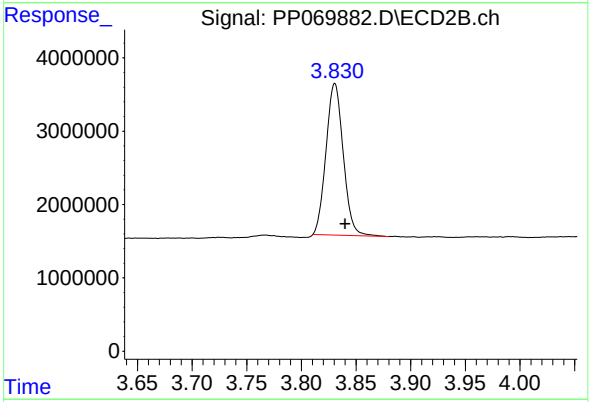




#1 Tetrachloro-m-xylene

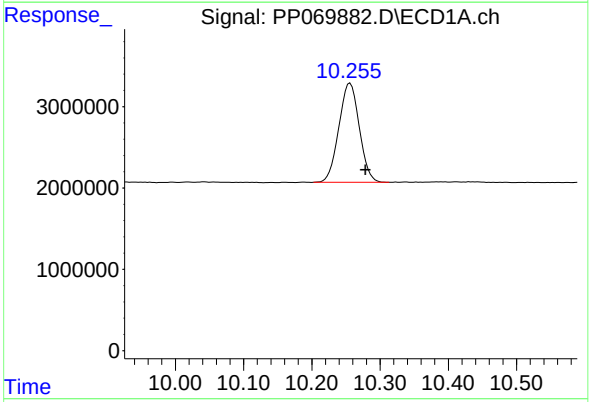
R.T.: 4.528 min
Delta R.T.: -0.010 min
Response: 38283311
Conc: 26.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



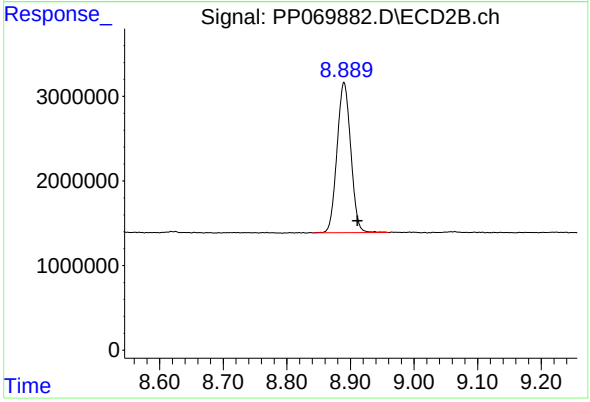
#1 Tetrachloro-m-xylene

R.T.: 3.831 min
Delta R.T.: -0.009 min
Response: 22670748
Conc: 25.40 ng/ml



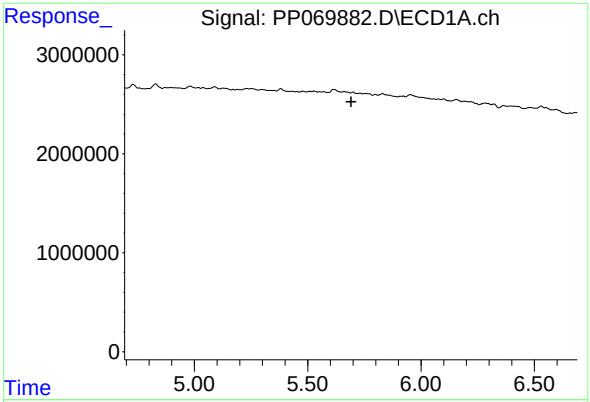
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: -0.022 min
Response: 25390888
Conc: 23.23 ng/ml



#2 Decachlorobiphenyl

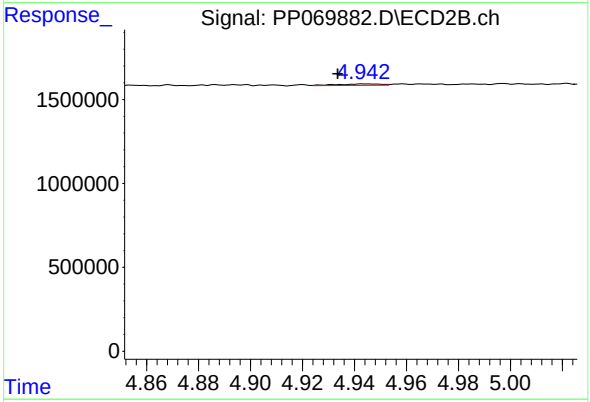
R.T.: 8.890 min
Delta R.T.: -0.021 min
Response: 26692404
Conc: 23.86 ng/ml



#3 AR-1016-1

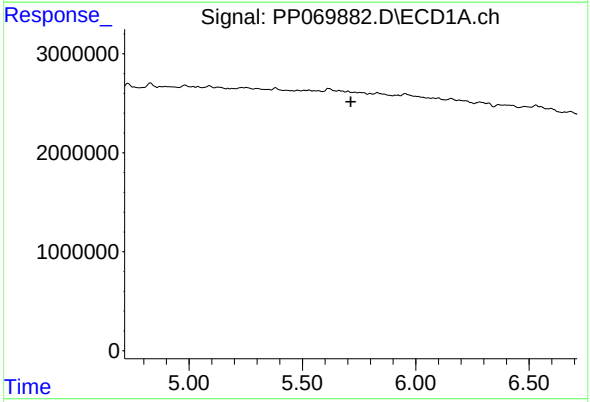
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



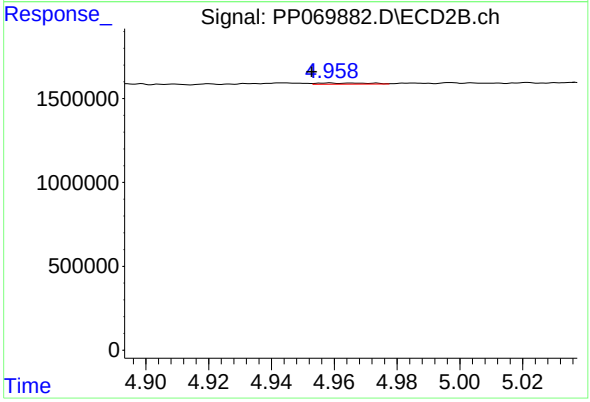
#3 AR-1016-1

R.T.: 4.944 min
Delta R.T.: 0.010 min
Response: 109295
Conc: 3.35 ng/ml



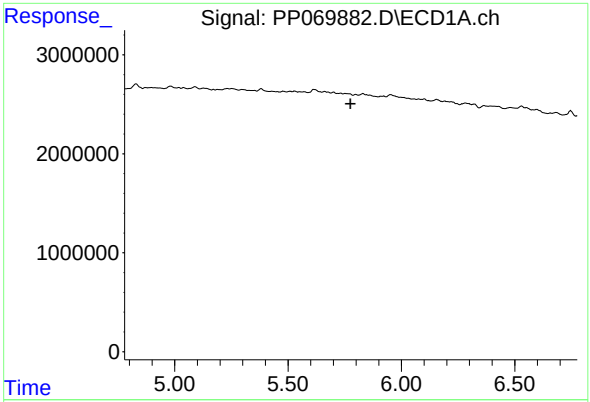
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

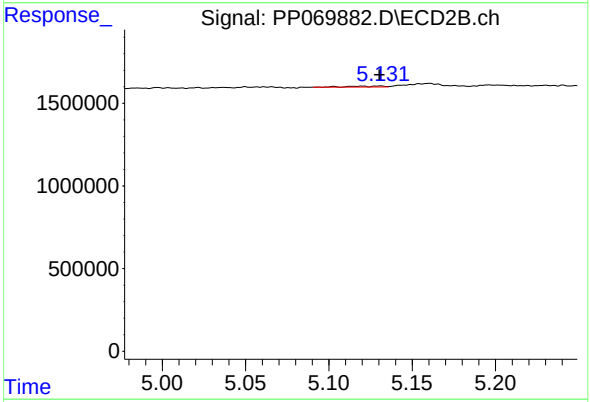
R.T.: 4.958 min
Delta R.T.: 0.005 min
Response: 77410
Conc: 1.72 ng/ml



#5 AR-1016-3

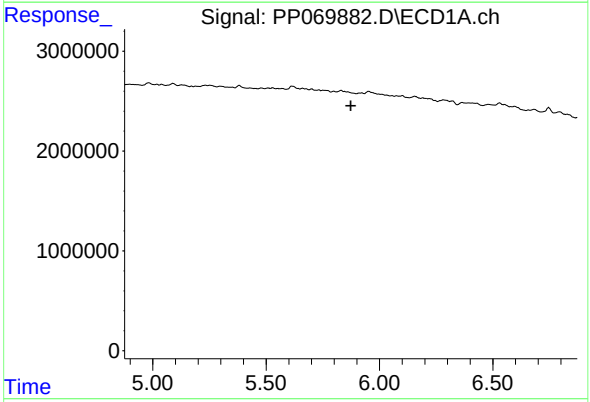
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



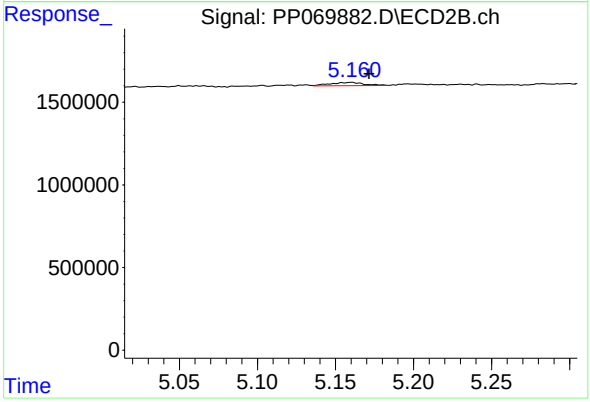
#5 AR-1016-3

R.T.: 5.120 min
Delta R.T.: -0.010 min
Response: 73134
Conc: 2.94 ng/ml



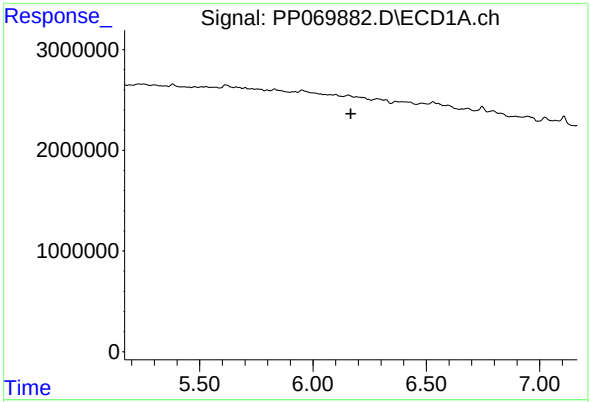
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

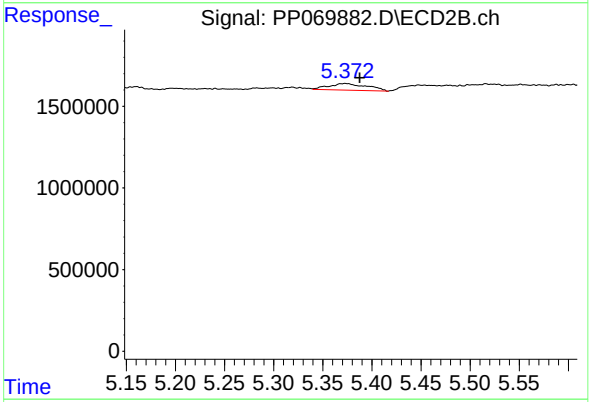
R.T.: 5.160 min
Delta R.T.: -0.012 min
Response: 296572
Conc: 14.68 ng/ml



#7 AR-1016-5

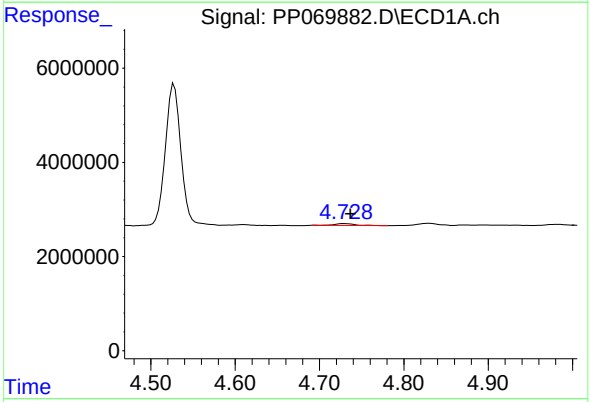
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



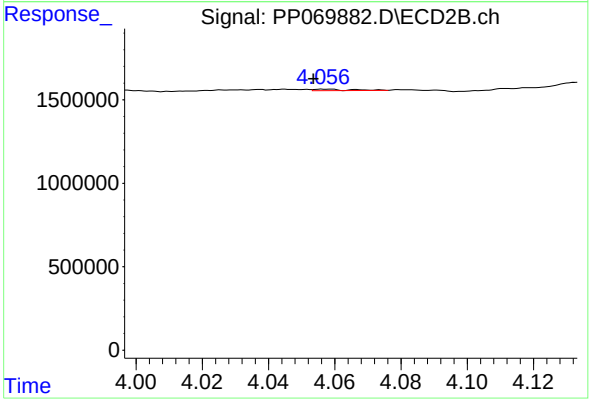
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 1110057
Conc: 41.38 ng/ml



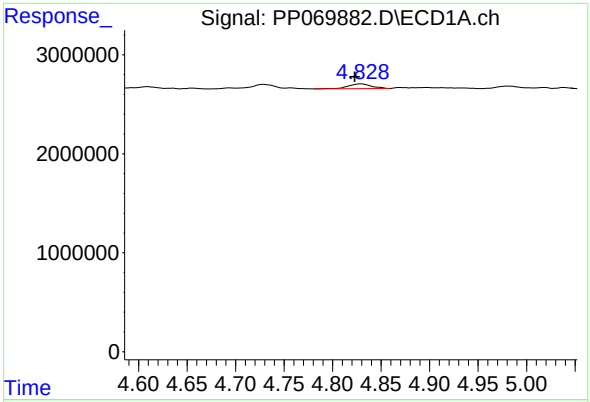
#8 AR-1221-1

R.T.: 4.730 min
Delta R.T.: -0.007 min
Response: 658996
Conc: 34.65 ng/ml



#8 AR-1221-1

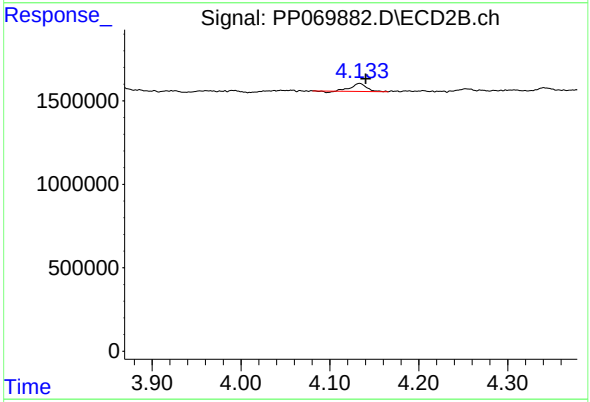
R.T.: 4.058 min
Delta R.T.: 0.004 min
Response: 68224
Conc: 5.54 ng/ml



#9 AR-1221-2

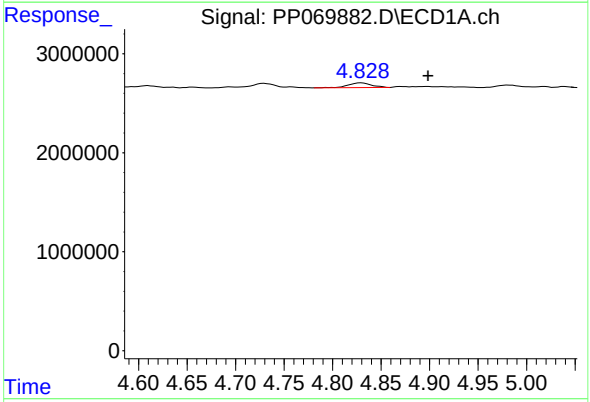
R.T.: 4.830 min
Delta R.T.: 0.007 min
Response: 799299
Conc: 58.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



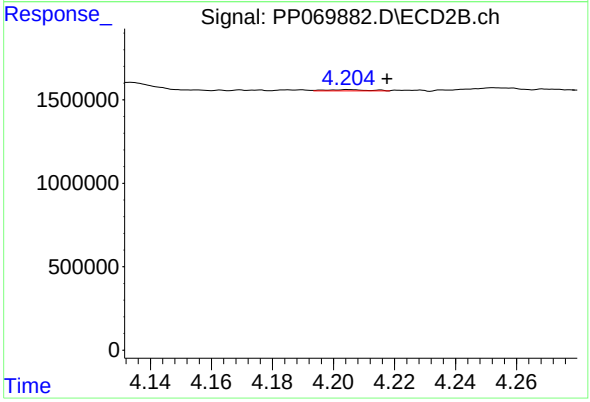
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.007 min
Response: 554955
Conc: 57.31 ng/ml



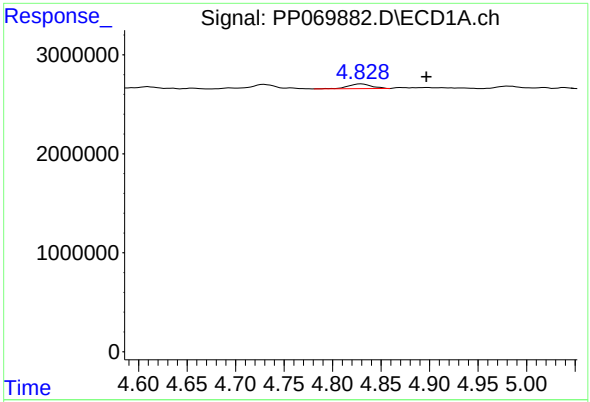
#10 AR-1221-3

R.T.: 4.830 min
Delta R.T.: -0.069 min
Response: 799299
Conc: 19.06 ng/ml



#10 AR-1221-3

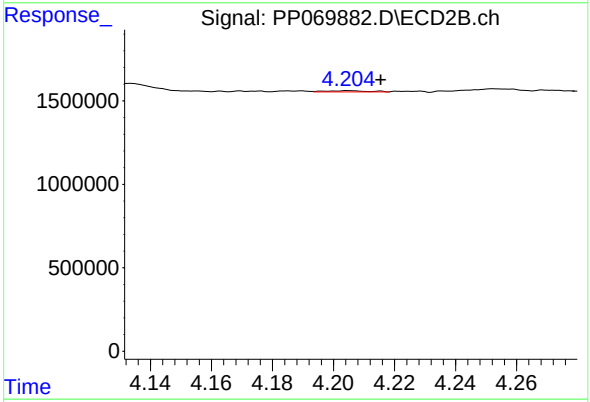
R.T.: 4.205 min
Delta R.T.: -0.013 min
Response: 67670
Conc: 2.32 ng/ml



#11 AR-1232-1

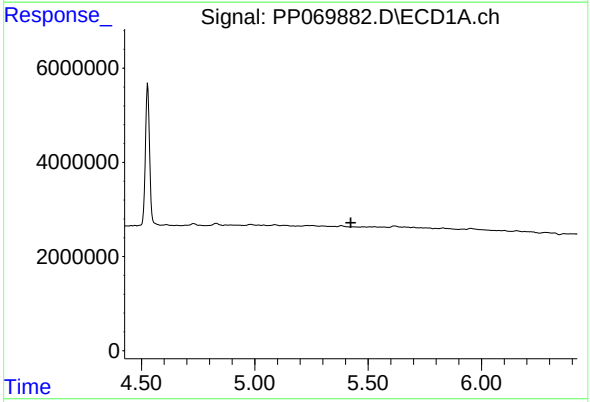
R.T.: 4.830 min
Delta R.T.: -0.067 min
Response: 799299
Conc: 24.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



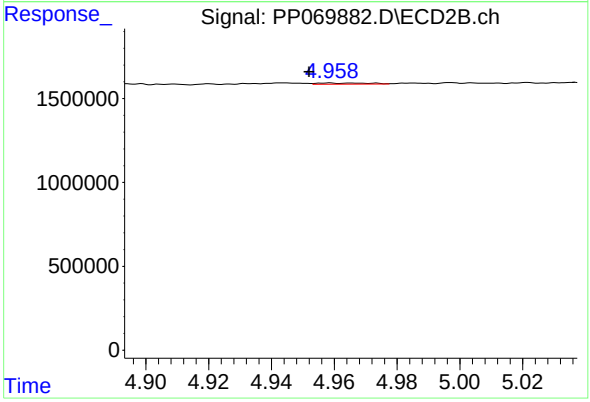
#11 AR-1232-1

R.T.: 4.205 min
Delta R.T.: -0.010 min
Response: 67670
Conc: 2.88 ng/ml



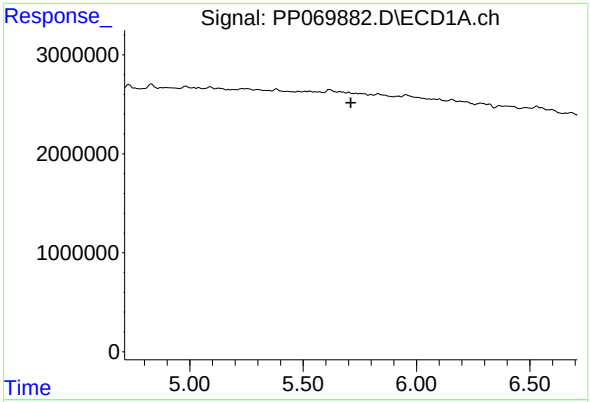
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

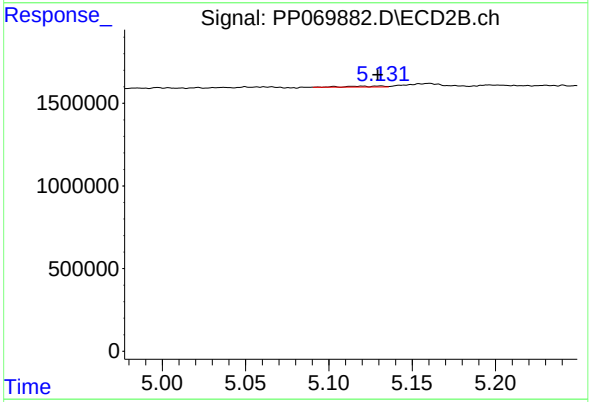
R.T.: 4.958 min
Delta R.T.: 0.006 min
Response: 77410
Conc: 3.28 ng/ml



#13 AR-1232-3

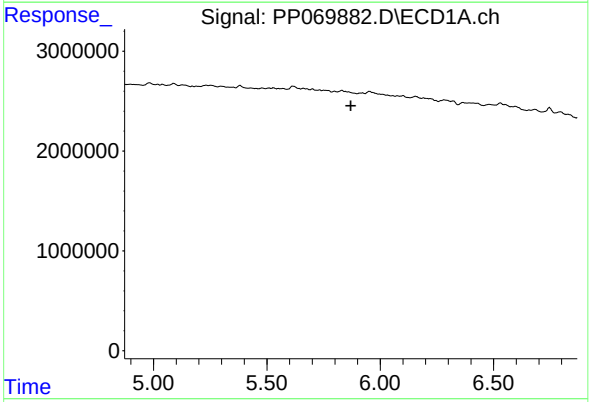
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



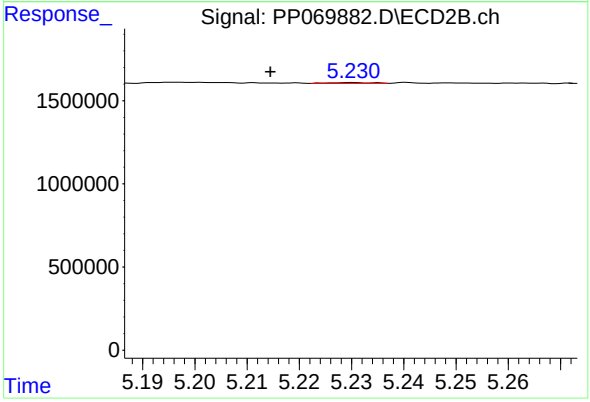
#13 AR-1232-3

R.T.: 5.120 min
Delta R.T.: -0.009 min
Response: 73134
Conc: 5.65 ng/ml



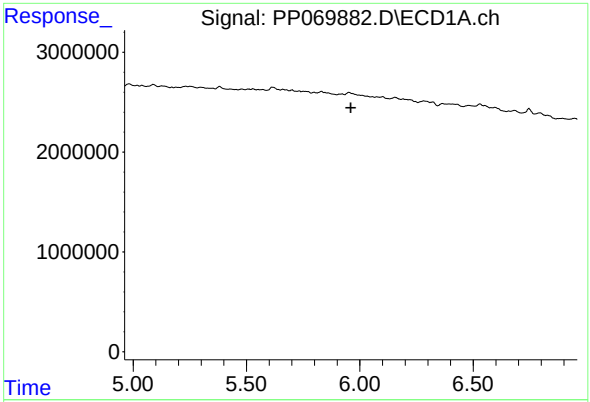
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

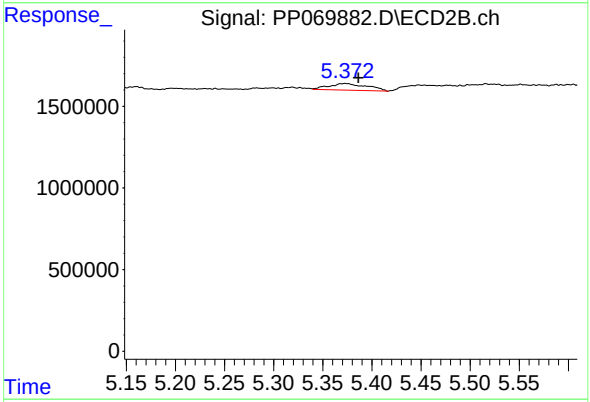
R.T.: 5.230 min
Delta R.T.: 0.016 min
Response: 32637
Conc: 2.94 ng/ml



#15 AR-1232-5

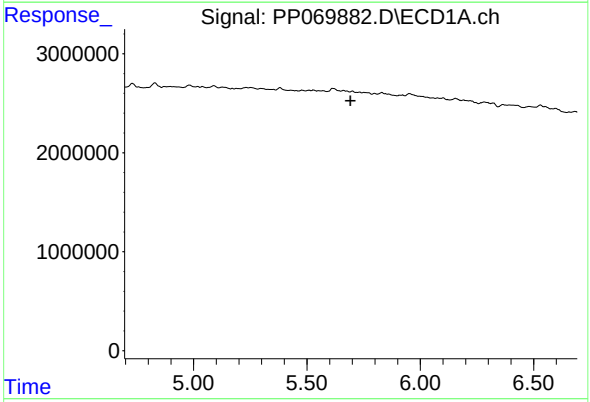
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



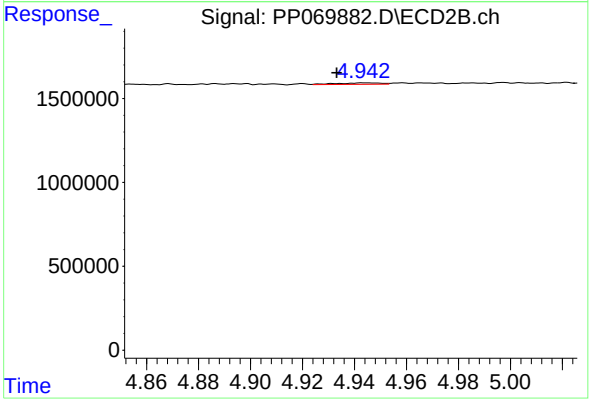
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.013 min
Response: 1110057
Conc: 90.91 ng/ml



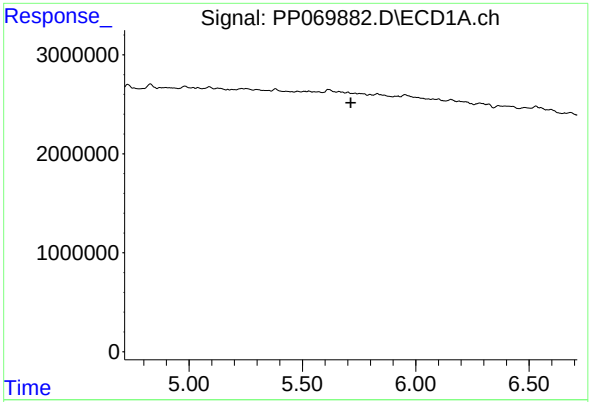
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

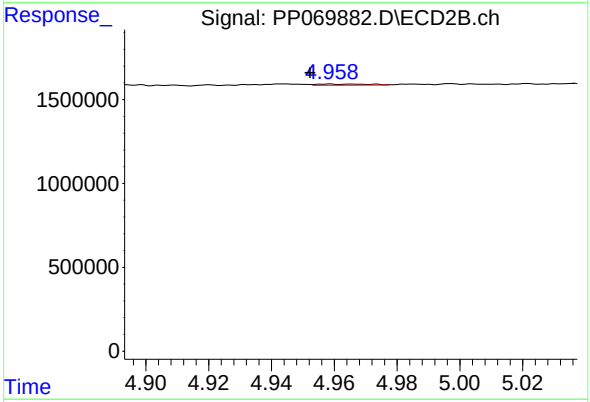
R.T.: 4.944 min
Delta R.T.: 0.011 min
Response: 109295
Conc: 3.79 ng/ml



#17 AR-1242-2

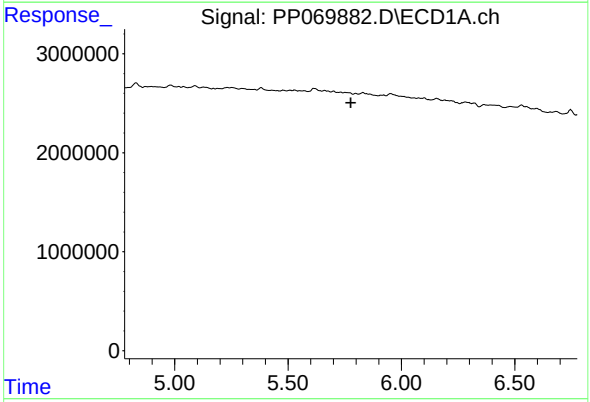
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



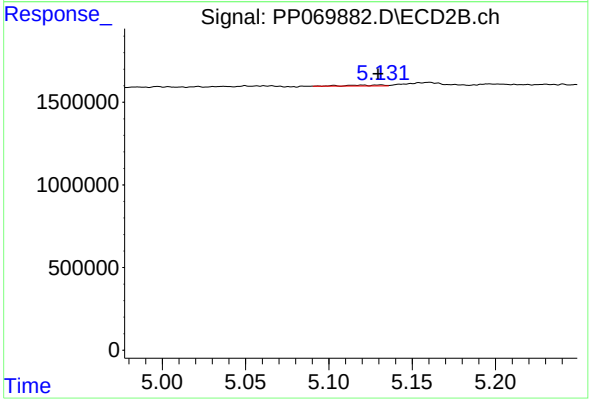
#17 AR-1242-2

R.T.: 4.958 min
Delta R.T.: 0.006 min
Response: 77410
Conc: 1.96 ng/ml



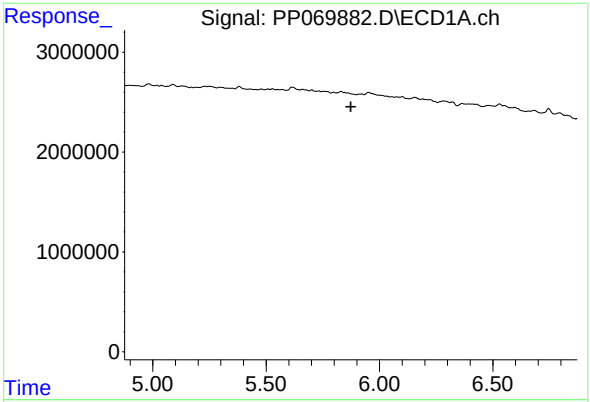
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

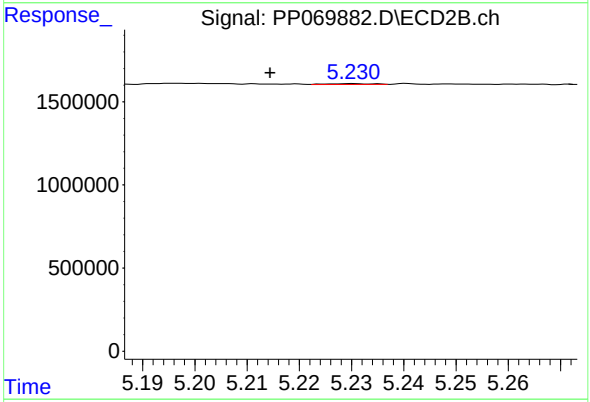
R.T.: 5.120 min
Delta R.T.: -0.009 min
Response: 73134
Conc: 3.25 ng/ml



#19 AR-1242-4

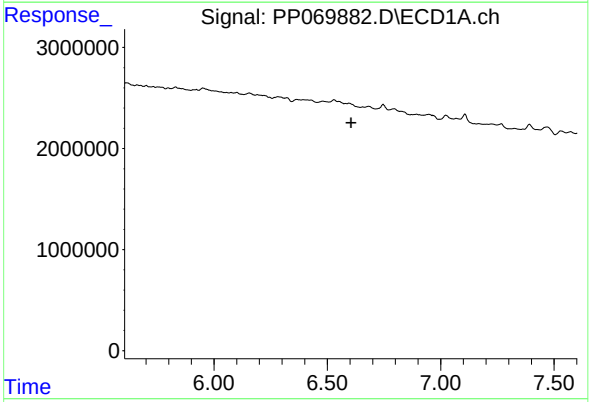
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



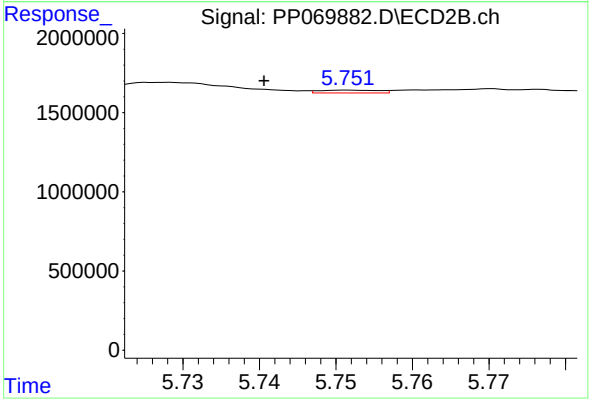
#19 AR-1242-4

R.T.: 5.230 min
Delta R.T.: 0.016 min
Response: 32637
Conc: 1.51 ng/ml



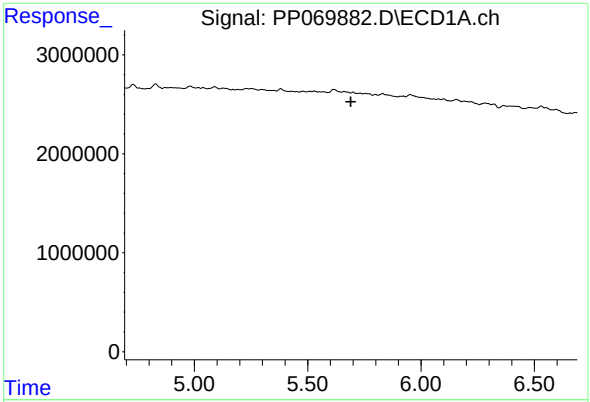
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

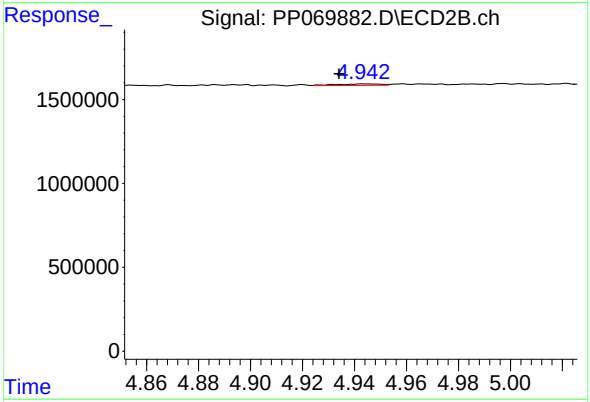
R.T.: 5.752 min
Delta R.T.: 0.011 min
Response: 95422
Conc: 3.32 ng/ml



#21 AR-1248-1

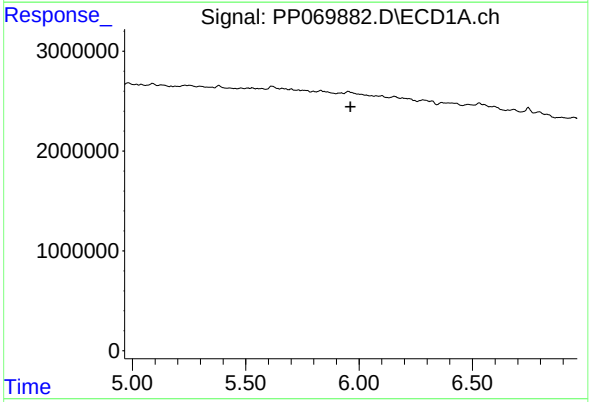
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



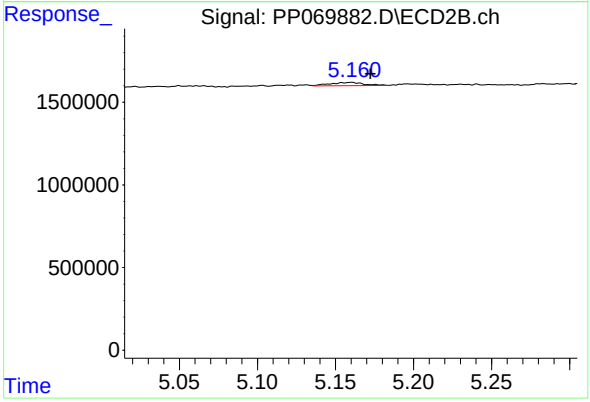
#21 AR-1248-1

R.T.: 4.944 min
Delta R.T.: 0.010 min
Response: 109295
Conc: 4.97 ng/ml



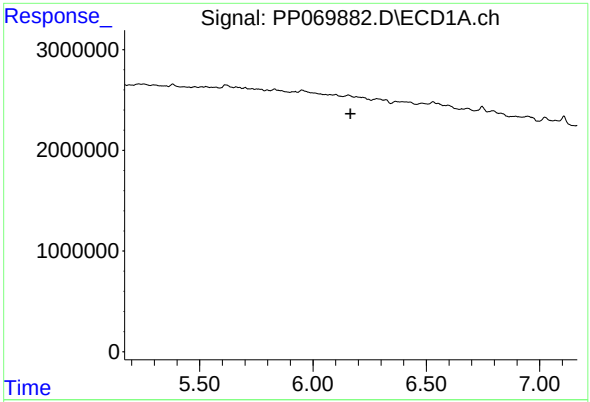
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

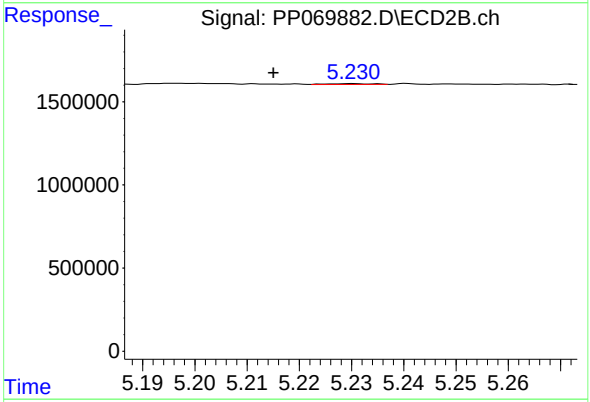
R.T.: 5.160 min
Delta R.T.: -0.012 min
Response: 296572
Conc: 9.86 ng/ml



#23 AR-1248-3

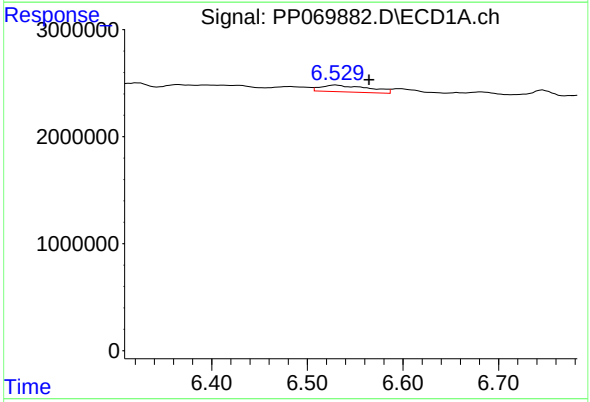
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



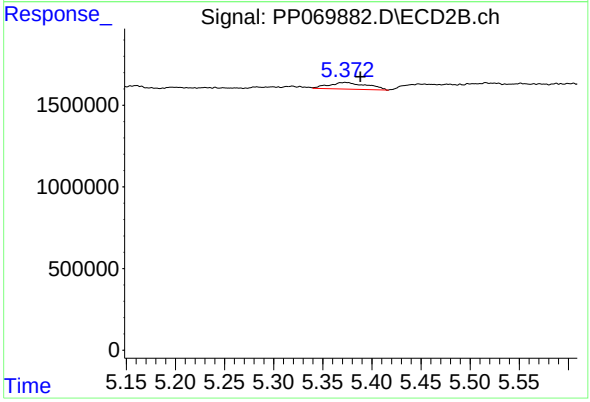
#23 AR-1248-3

R.T.: 5.230 min
Delta R.T.: 0.015 min
Response: 32637
Conc: 1.05 ng/ml



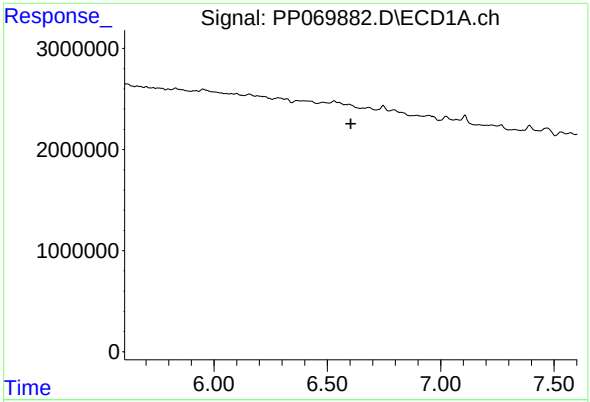
#24 AR-1248-4

R.T.: 6.530 min
Delta R.T.: -0.034 min
Response: 2196795
Conc: 39.85 ng/ml



#24 AR-1248-4

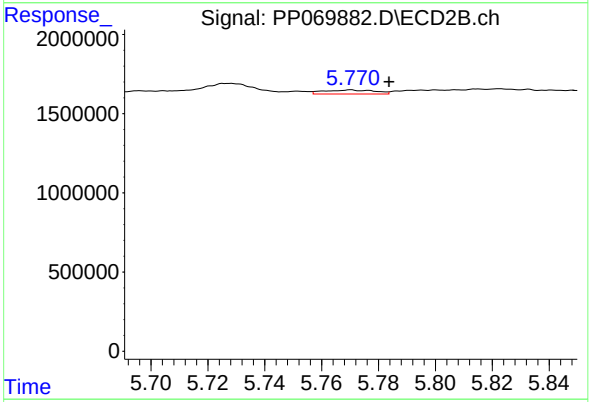
R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 1110057
Conc: 30.05 ng/ml



#25 AR-1248-5

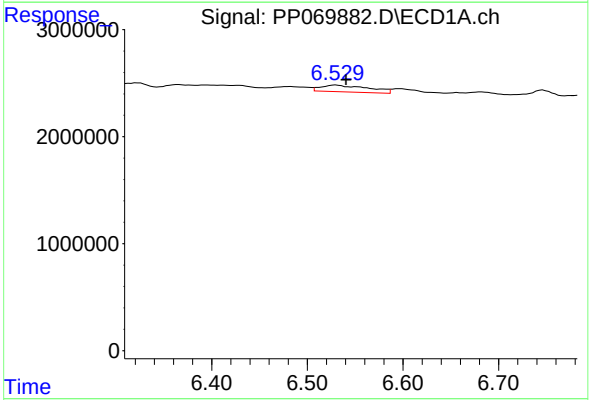
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



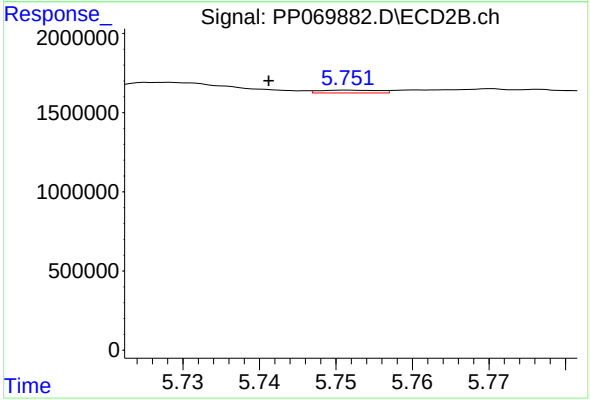
#25 AR-1248-5

R.T.: 5.770 min
Delta R.T.: -0.014 min
Response: 315934
Conc: 8.45 ng/ml



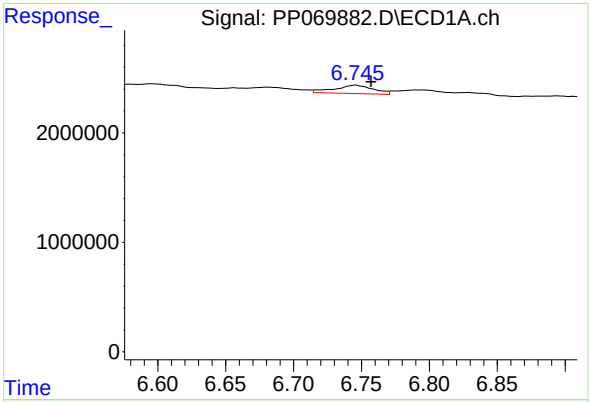
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.011 min
Response: 2196795
Conc: 37.96 ng/ml



#26 AR-1254-1

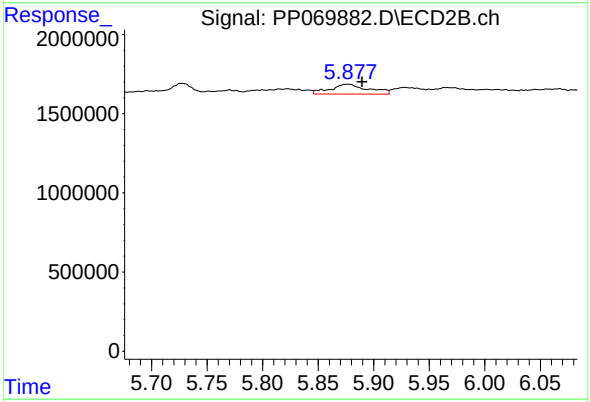
R.T.: 5.752 min
Delta R.T.: 0.011 min
Response: 95422
Conc: 1.73 ng/ml



#27 AR-1254-2

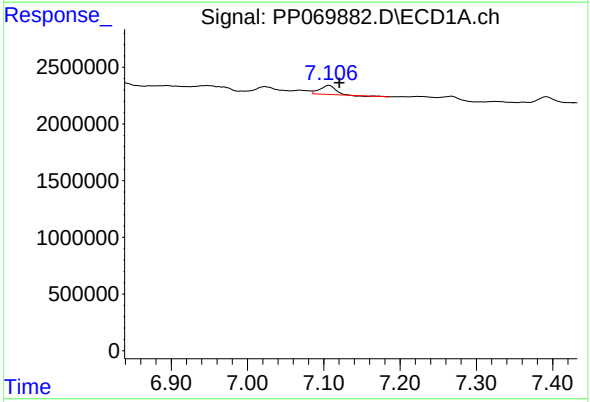
R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 1520715
Conc: 18.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



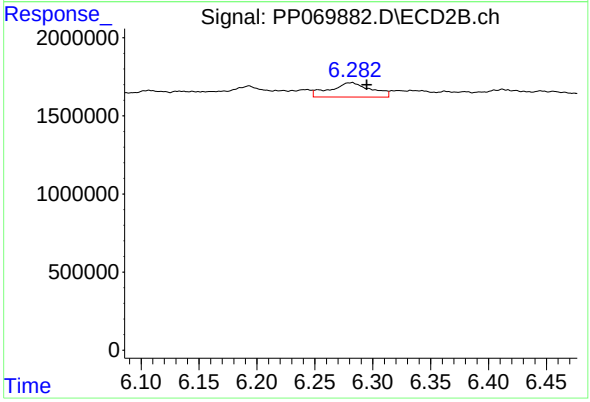
#27 AR-1254-2

R.T.: 5.877 min
Delta R.T.: -0.013 min
Response: 1500370
Conc: 31.02 ng/ml



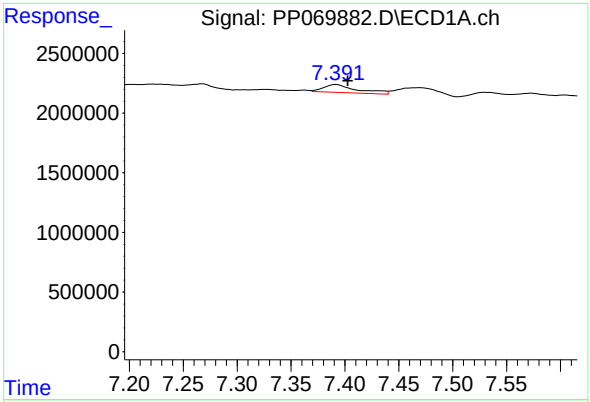
#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.013 min
Response: 1122635
Conc: 13.32 ng/ml



#28 AR-1254-3

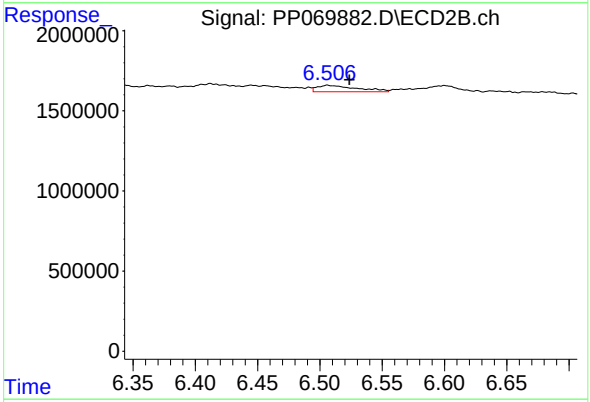
R.T.: 6.282 min
Delta R.T.: -0.013 min
Response: 2262058
Conc: 29.80 ng/ml



#29 AR-1254-4

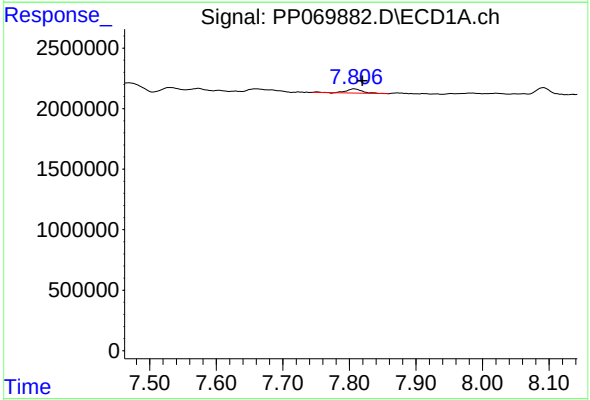
R.T.: 7.392 min
Delta R.T.: -0.011 min
Response: 1441576
Conc: 21.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



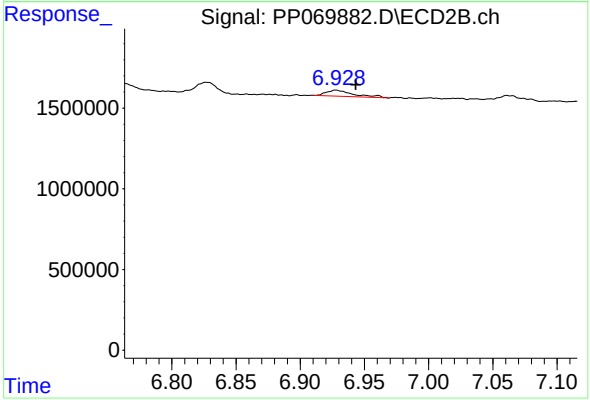
#29 AR-1254-4

R.T.: 6.506 min
Delta R.T.: -0.018 min
Response: 892293
Conc: 17.41 ng/ml



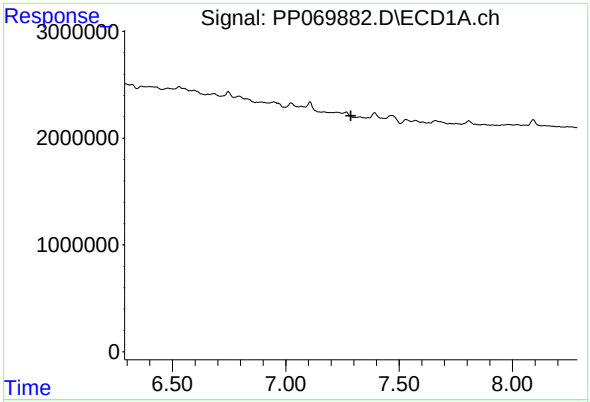
#30 AR-1254-5

R.T.: 7.808 min
Delta R.T.: -0.012 min
Response: 562502
Conc: 8.27 ng/ml



#30 AR-1254-5

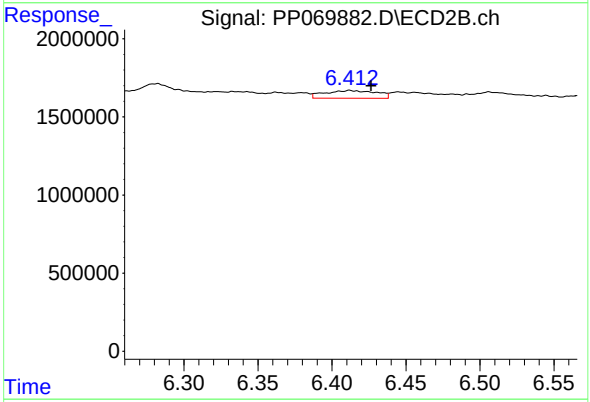
R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 558602
Conc: 8.39 ng/ml



#31 AR-1260-1

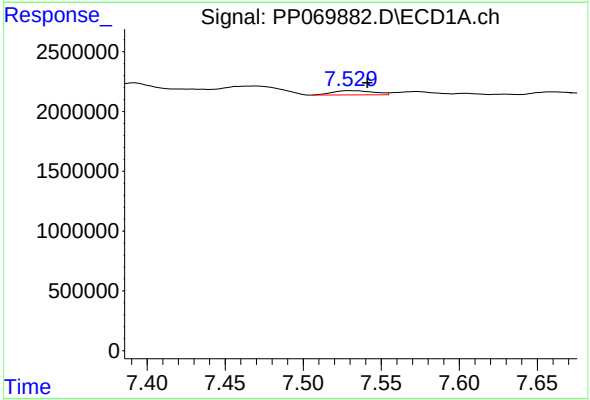
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



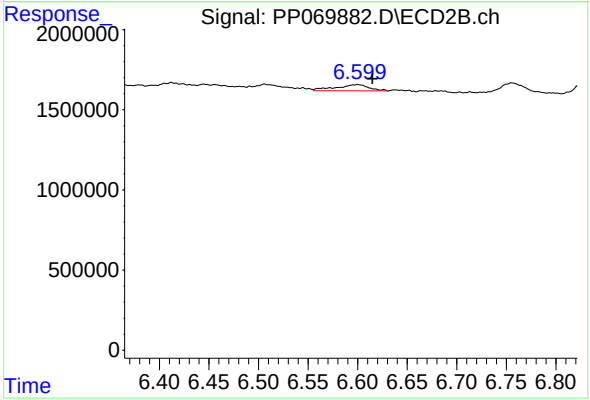
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.014 min
Response: 1198822
Conc: 24.86 ng/ml



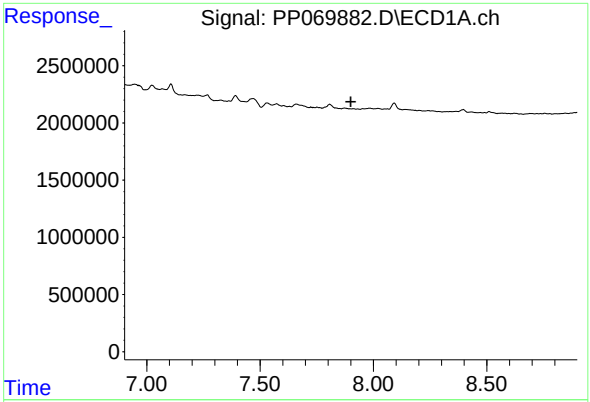
#32 AR-1260-2

R.T.: 7.531 min
Delta R.T.: -0.010 min
Response: 649015
Conc: 8.34 ng/ml



#32 AR-1260-2

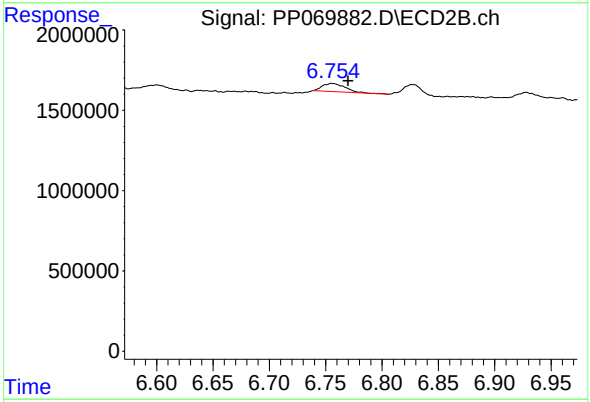
R.T.: 6.600 min
Delta R.T.: -0.015 min
Response: 910830
Conc: 14.86 ng/ml



#33 AR-1260-3

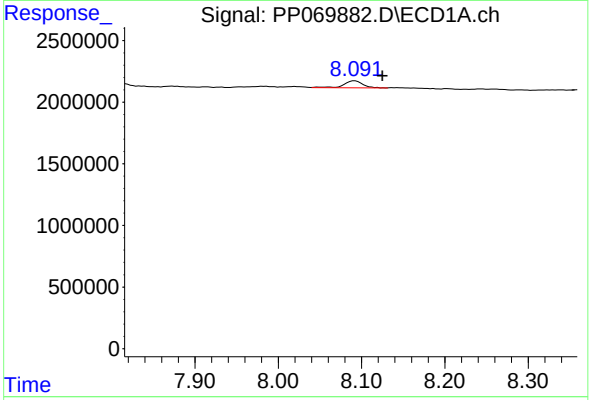
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



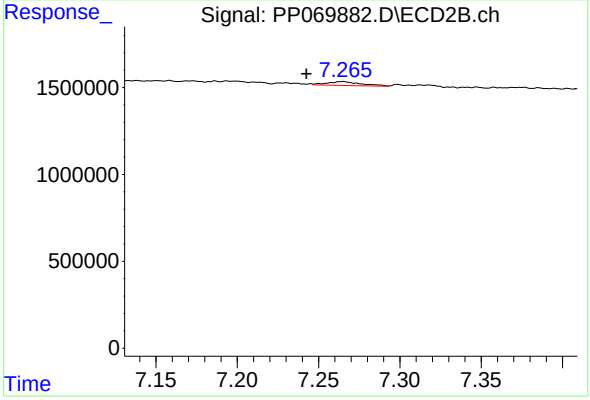
#33 AR-1260-3

R.T.: 6.756 min
Delta R.T.: -0.014 min
Response: 730495
Conc: 12.14 ng/ml



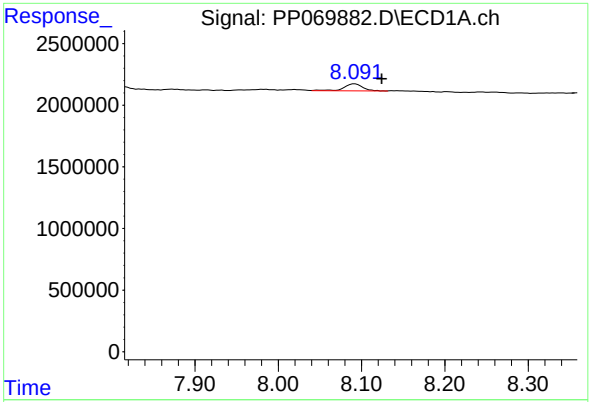
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.033 min
Response: 894704
Conc: 13.56 ng/ml



#34 AR-1260-4

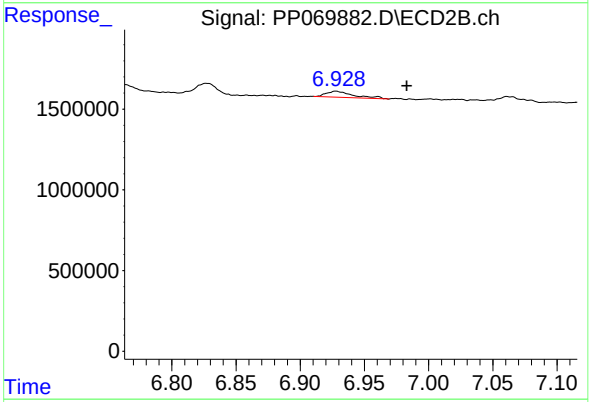
R.T.: 7.265 min
Delta R.T.: 0.022 min
Response: 327242
Conc: 7.04 ng/ml



#36 AR-1262-1

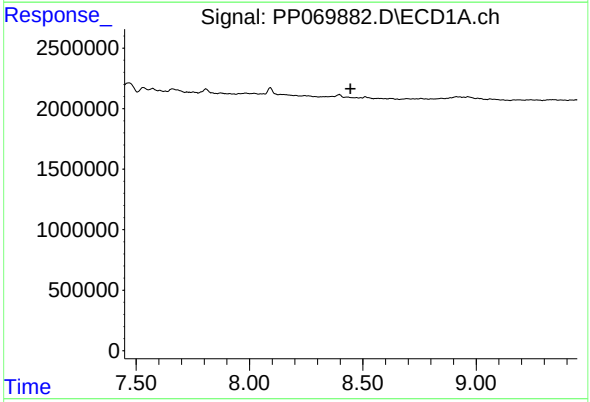
R.T.: 8.092 min
Delta R.T.: -0.032 min
Response: 894704
Conc: 11.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



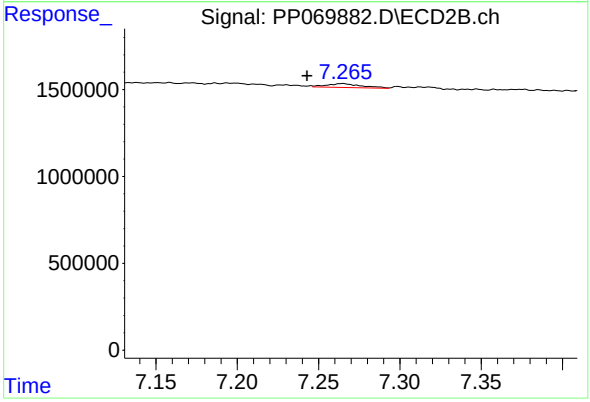
#36 AR-1262-1

R.T.: 6.928 min
Delta R.T.: -0.055 min
Response: 558602
Conc: 7.87 ng/ml



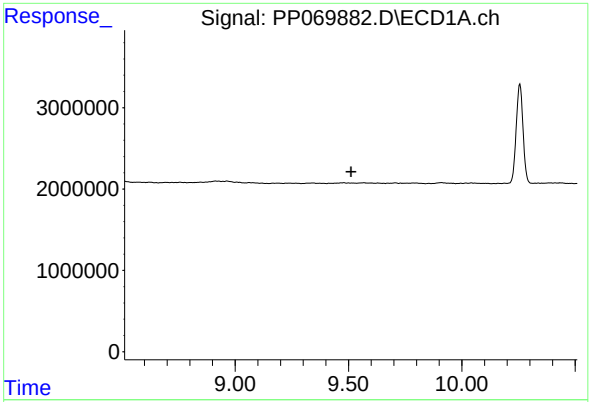
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.



#37 AR-1262-2

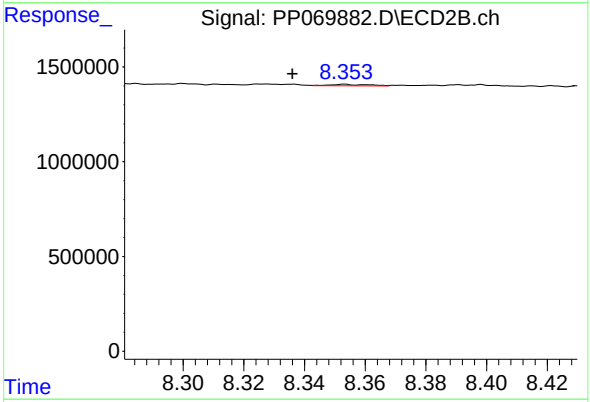
R.T.: 7.265 min
Delta R.T.: 0.022 min
Response: 327242
Conc: 5.37 ng/ml



#40 AR-1262-5

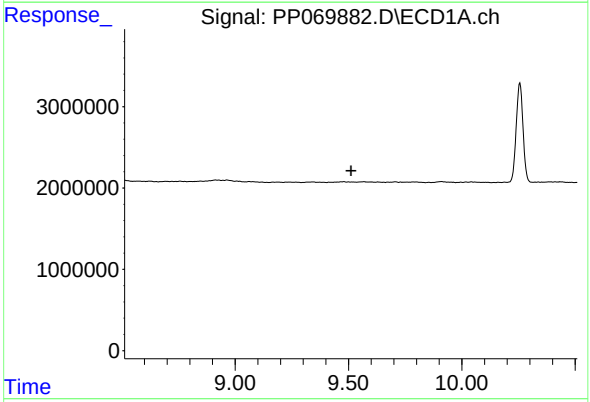
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



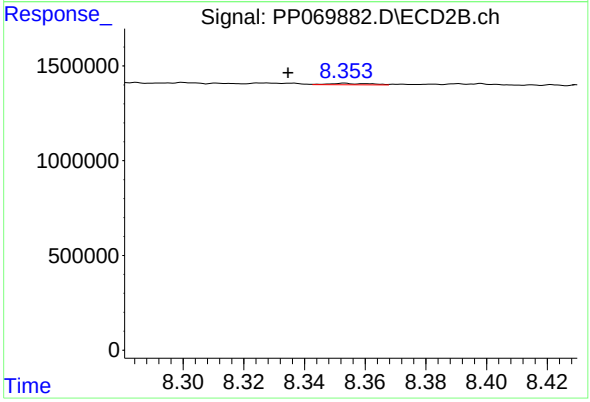
#40 AR-1262-5

R.T.: 8.353 min
Delta R.T.: 0.017 min
Response: 67744
Conc: 1.42 ng/ml



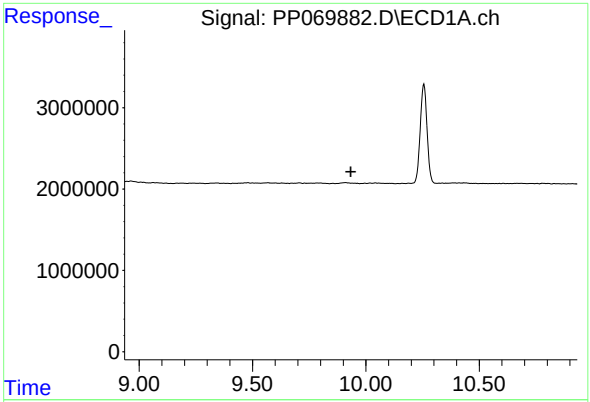
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

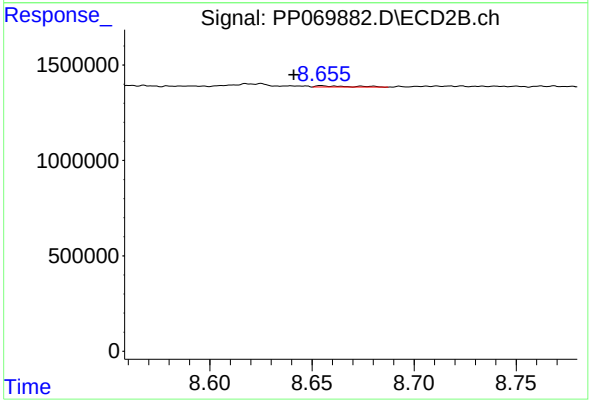
R.T.: 8.353 min
Delta R.T.: 0.019 min
Response: 67744
Conc: 1.30 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725



#45 AR-1268-5

R.T.: 8.655 min
Delta R.T.: 0.014 min
Response: 72070
Conc: 0.20 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 06:02
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:44:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.524	3.830	75349514	43655812	52.637	48.912	
2)	SA Decachlor...	10.252	8.890	56506651	56946123	51.703	50.914	
	Target Compounds							
3)	L1 AR-1016-1	5.698	4.940	35316215	21490872	762.226	658.925	
4)	L1 AR-1016-2	5.698	4.940	35316215	21490872	520.296	478.017	
5)	L1 AR-1016-3	5.761	5.117	21338362	12291490	500.940	493.952	
6)	L1 AR-1016-4	5.858	5.159	17914118	9066429	511.825	448.916	
7)	L1 AR-1016-5	6.151	5.374	14925513	15445212	451.487	575.800	#
8)	L2 AR-1221-1	4.721	4.040	2375243	1690388	124.885	137.229	
9)	L2 AR-1221-2	4.813	4.129	3768070	2620992	275.192	270.669	
10)	L2 AR-1221-3	4.886	4.205	13029914	9055802	310.655	310.405	
11)	L3 AR-1232-1	4.886	4.205	13029914	9055802	391.364	385.690	
12)	L3 AR-1232-2	5.412	4.940	16792310	21490872	1027.555	911.721	
13)	L3 AR-1232-3	5.698	5.117	35316215	12291490	1027.860	949.352	
14)	L3 AR-1232-4	5.858	5.201	17914118	11751751	1005.496	1060.024	
15)	L3 AR-1232-5	5.949	5.374	15153105	15445212	1321.982	1264.931	
16)	L4 AR-1242-1	5.698	4.940	35316215	21490872	846.804	745.382	
17)	L4 AR-1242-2	5.698	4.940	35316215	21490872	598.672	545.485	
18)	L4 AR-1242-3	5.761	5.117	21338362	12291490	575.179	546.189	
19)	L4 AR-1242-4	5.858	5.201	17914118	11751751	546.251	544.510	
20)	L4 AR-1242-5	6.590	5.727	8447771	13883638	259.259	482.601	#
21)	L5 AR-1248-1	5.698	4.940	35316215	21490872	1088.694	976.389	
22)	L5 AR-1248-2	5.949	5.159	15153105	9066429	356.994	301.565	
23)	L5 AR-1248-3	6.151	5.201	14925513	11751751	317.651	379.281	
24)	L5 AR-1248-4	6.590	5.374	8447771	15445212	153.258	418.074	#
25)	L5 AR-1248-5	6.590	5.768	8447771	4118478	158.246	110.151	#
26)	L6 AR-1254-1	6.527	5.727	23080041	13883638	398.869	252.174	#
27)	L6 AR-1254-2	6.742	5.876	16918519	11035593	210.844	228.155	
28)	L6 AR-1254-3	7.106	6.297	10262206	25641571	121.751	337.851	#
29)	L6 AR-1254-4	7.389	6.510	9702791	3305490	142.295	64.498	#
30)	L6 AR-1254-5	7.834	6.928	5503276	30858018	80.876	463.609	#
31)	L7 AR-1260-1	7.271	6.412	32120436	25424871	549.666	527.164	
32)	L7 AR-1260-2	7.524	6.600	40194252	31581904	516.550	515.171	
33)	L7 AR-1260-3	7.884	6.754	33309612	19923547	532.790	331.196	#
34)	L7 AR-1260-4	8.108	7.227	33540359	23581080	508.366	507.472	
35)	L7 AR-1260-5	8.428	7.468	66451583	58969327	507.551	530.562	
36)	L8 AR-1262-1	8.108	6.967	33540359	27763010	424.463	390.956	
37)	L8 AR-1262-2	8.428	7.227	66451583	23581080	434.542	386.705	
38)	L8 AR-1262-3	8.753	7.752	42128127	15615257	396.389	298.575	
39)	L8 AR-1262-4	8.832	7.815	27632657	43367900	337.837	469.164	#
40)	L8 AR-1262-5	9.490	8.317	19529275	18774239	344.978	392.830	
41)	L9 AR-1268-1	8.753	7.752	42128127	15615257	238.580	107.601	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 06:02
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:44:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.832	7.815	27632657	43367900	175.589	326.527 #
43) L9	AR-1268-3	9.071	8.023	1065817	901454	7.970	7.926
44) L9	AR-1268-4	9.490	8.317	19529275	18774239	332.579	360.502
45) L9	AR-1268-5	9.908	8.622	5205681	5135936	13.667	14.419

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

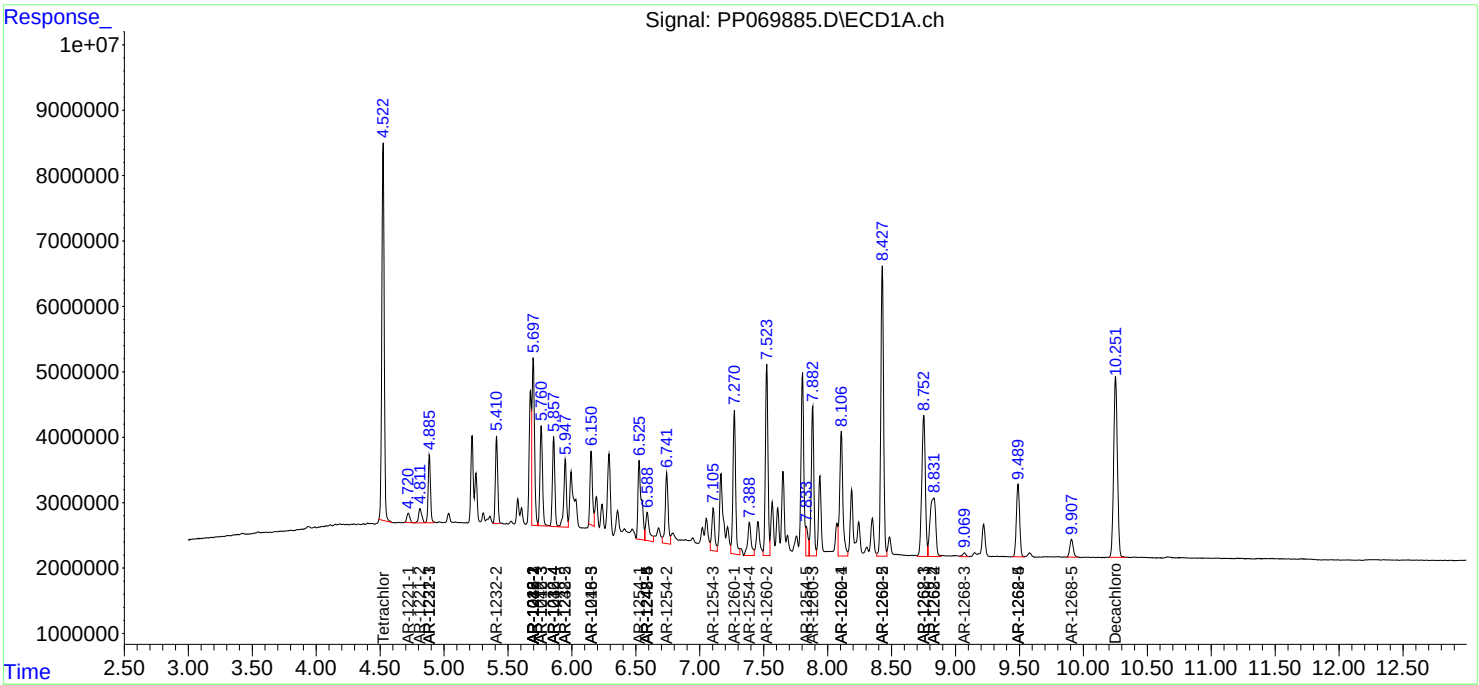
Quantitation Report (Not Reviewed)

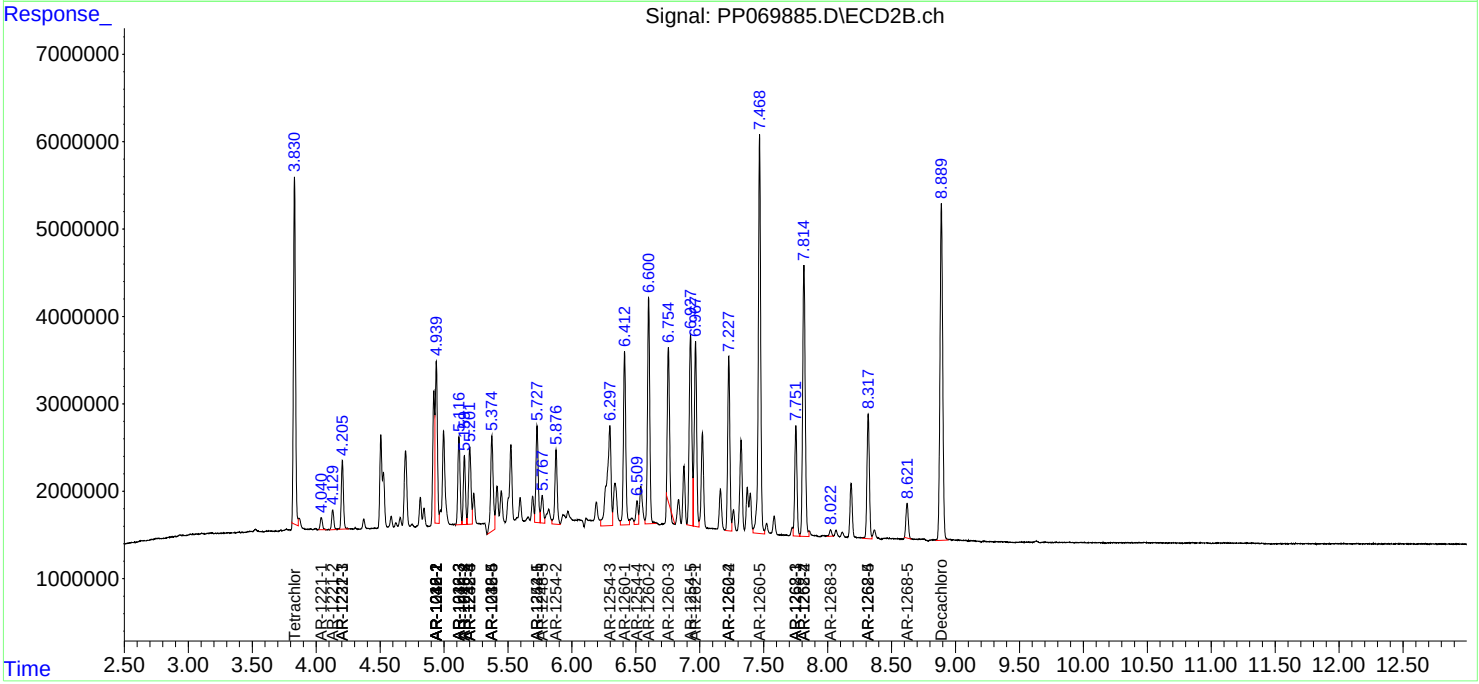
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 06:02
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

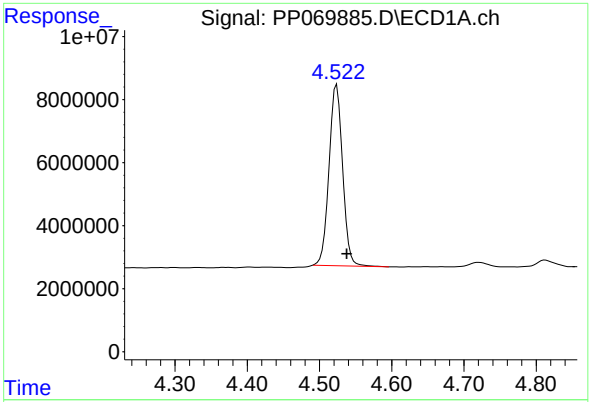
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:44:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



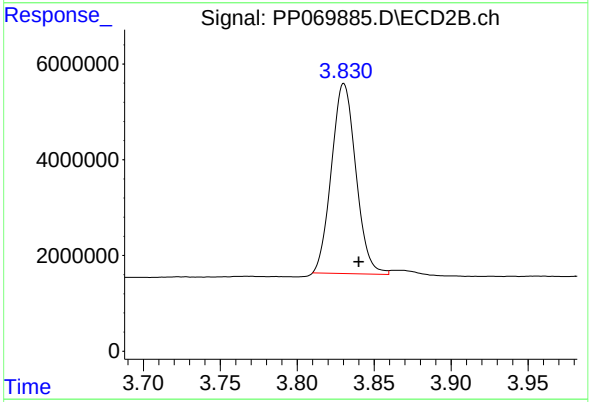




#1 Tetrachloro-m-xylene

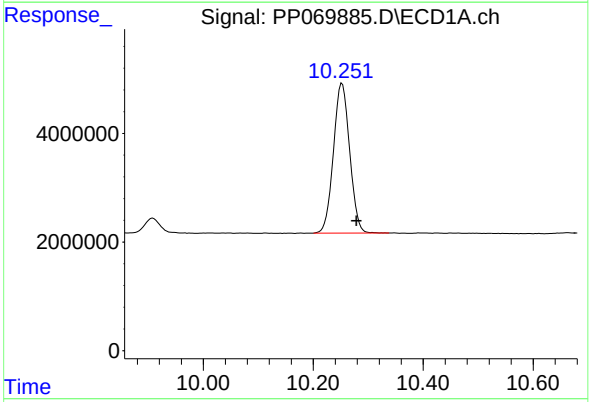
R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 75349514
Conc: 52.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



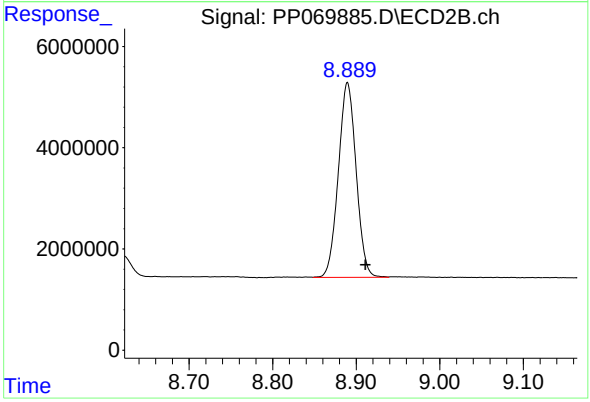
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 43655812
Conc: 48.91 ng/ml



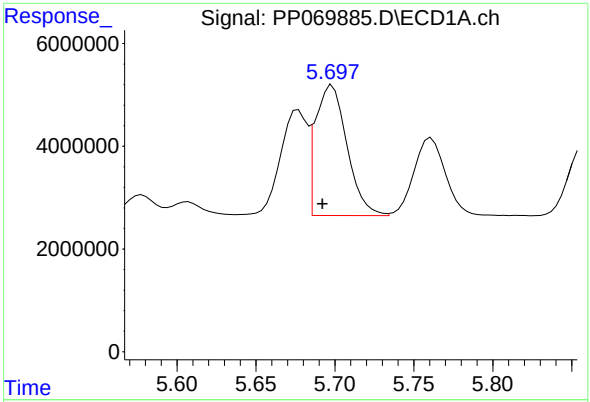
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.026 min
Response: 56506651
Conc: 51.70 ng/ml



#2 Decachlorobiphenyl

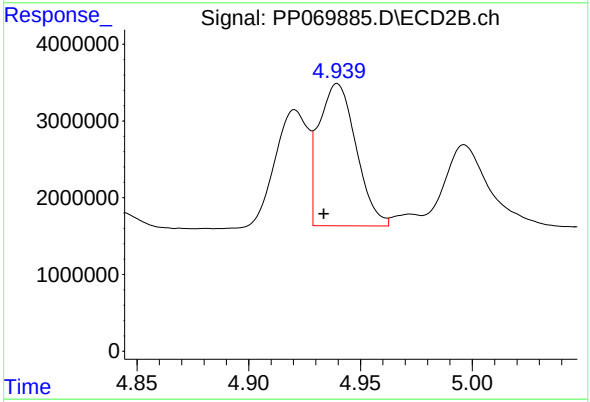
R.T.: 8.890 min
Delta R.T.: -0.022 min
Response: 56946123
Conc: 50.91 ng/ml



#3 AR-1016-1

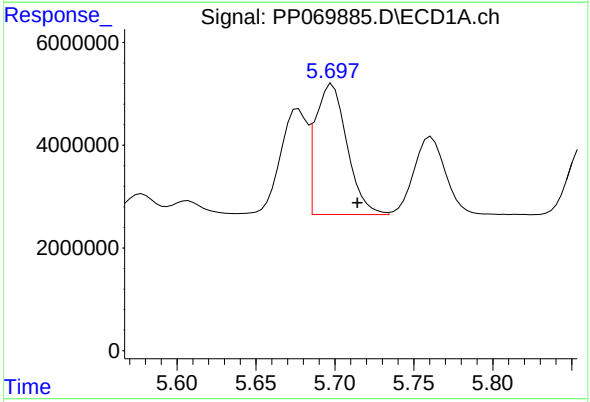
R.T.: 5.698 min
Delta R.T.: 0.006 min
Response: 35316215
Conc: 762.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



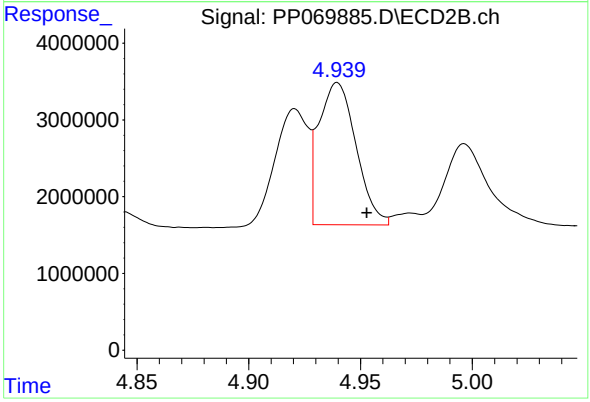
#3 AR-1016-1

R.T.: 4.940 min
Delta R.T.: 0.006 min
Response: 21490872
Conc: 658.93 ng/ml



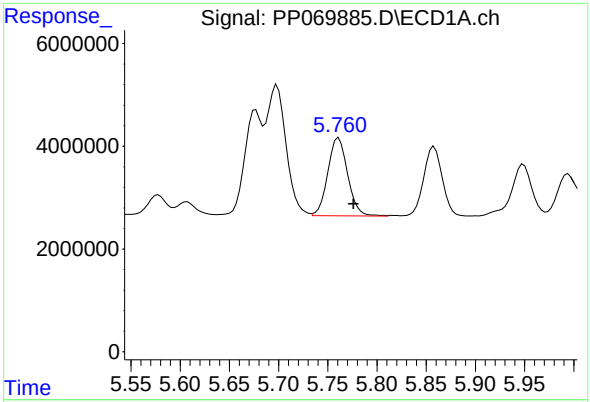
#4 AR-1016-2

R.T.: 5.698 min
Delta R.T.: -0.016 min
Response: 35316215
Conc: 520.30 ng/ml



#4 AR-1016-2

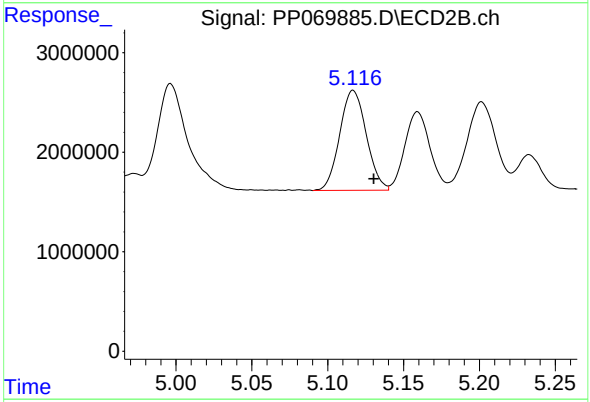
R.T.: 4.940 min
Delta R.T.: -0.013 min
Response: 21490872
Conc: 478.02 ng/ml



#5 AR-1016-3

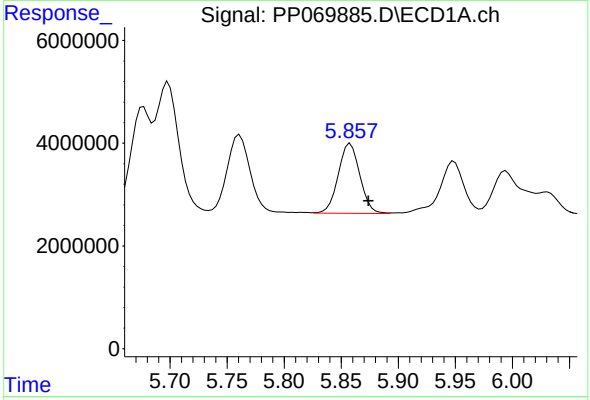
R.T.: 5.761 min
Delta R.T.: -0.015 min
Response: 21338362
Conc: 500.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



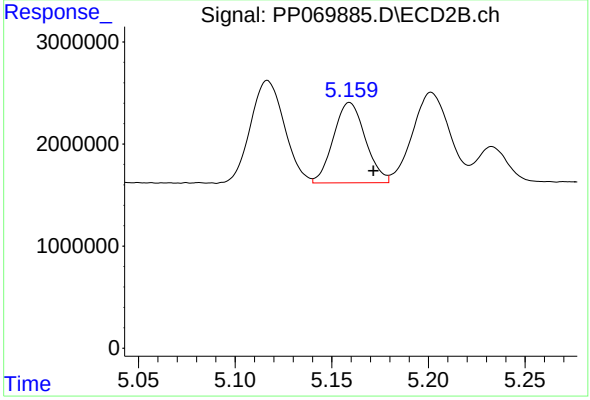
#5 AR-1016-3

R.T.: 5.117 min
Delta R.T.: -0.014 min
Response: 12291490
Conc: 493.95 ng/ml



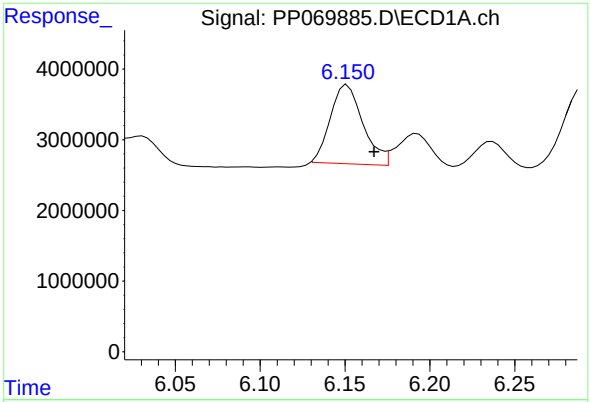
#6 AR-1016-4

R.T.: 5.858 min
Delta R.T.: -0.016 min
Response: 17914118
Conc: 511.83 ng/ml



#6 AR-1016-4

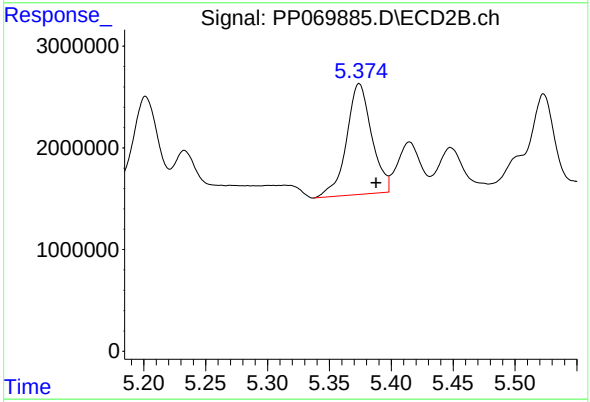
R.T.: 5.159 min
Delta R.T.: -0.012 min
Response: 9066429
Conc: 448.92 ng/ml



#7 AR-1016-5

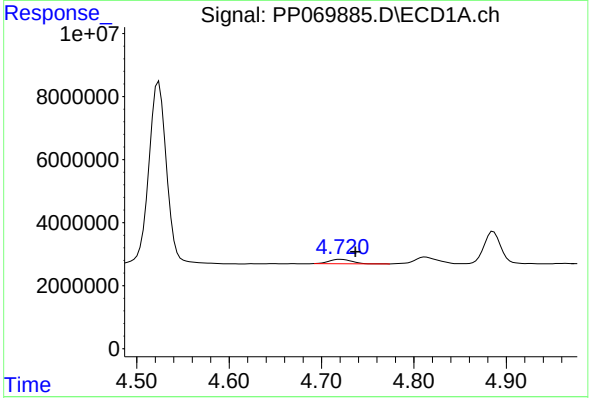
R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 14925513
Conc: 451.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



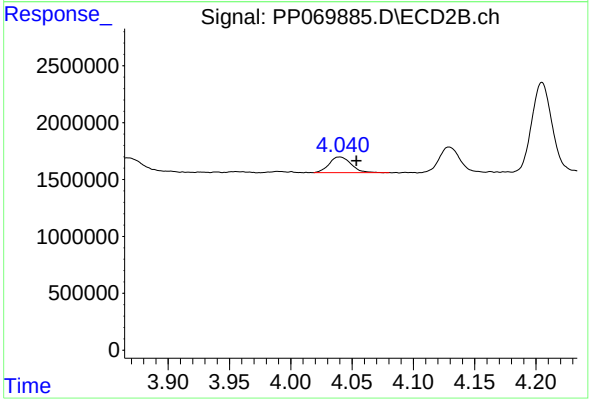
#7 AR-1016-5

R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 15445212
Conc: 575.80 ng/ml



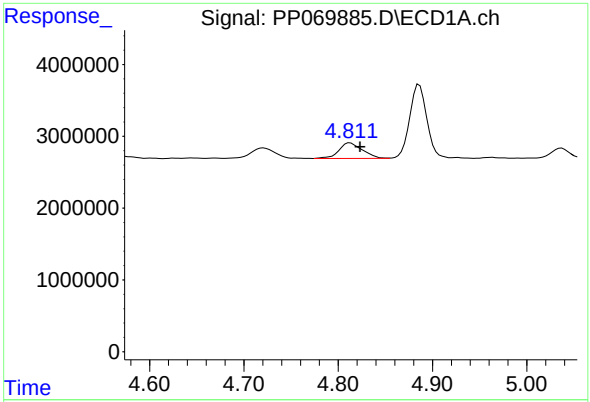
#8 AR-1221-1

R.T.: 4.721 min
Delta R.T.: -0.016 min
Response: 2375243
Conc: 124.88 ng/ml



#8 AR-1221-1

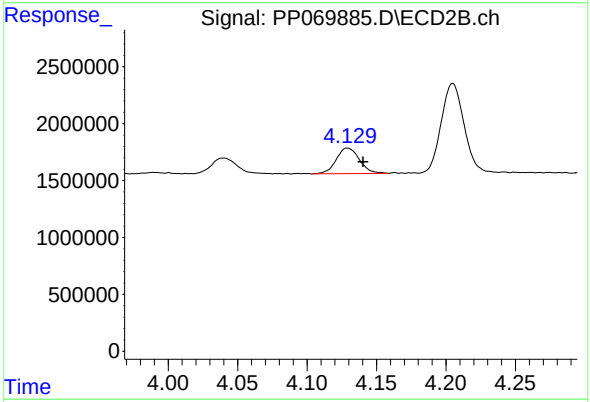
R.T.: 4.040 min
Delta R.T.: -0.014 min
Response: 1690388
Conc: 137.23 ng/ml



#9 AR-1221-2

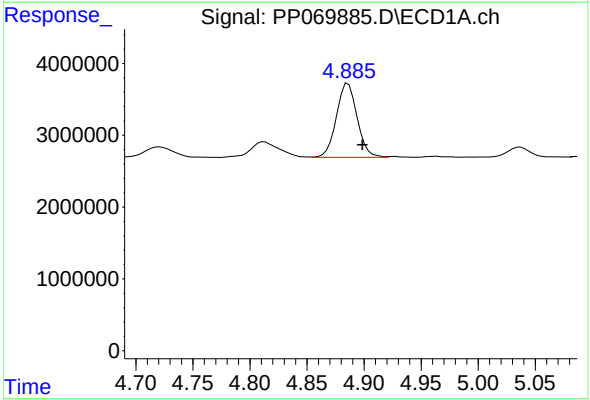
R.T.: 4.813 min
Delta R.T.: -0.011 min
Response: 3768070
Conc: 275.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



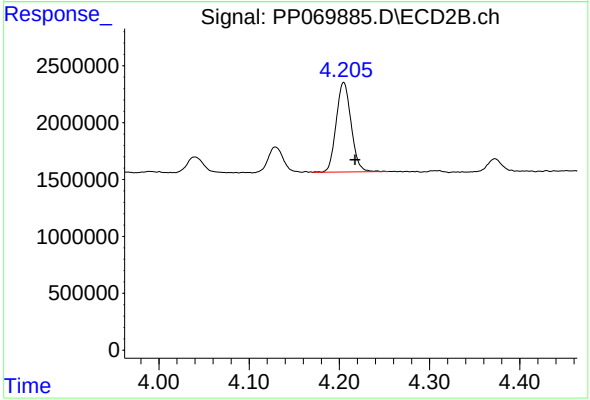
#9 AR-1221-2

R.T.: 4.129 min
Delta R.T.: -0.011 min
Response: 2620992
Conc: 270.67 ng/ml



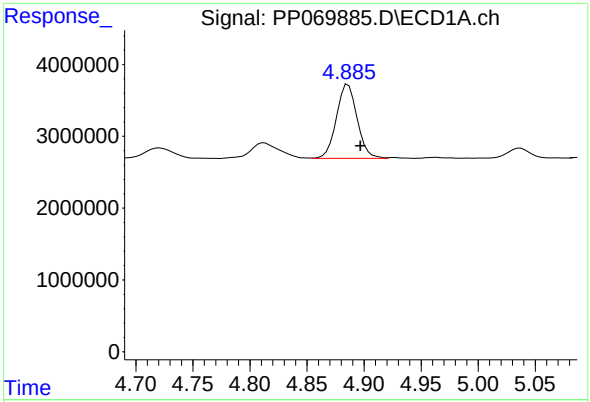
#10 AR-1221-3

R.T.: 4.886 min
Delta R.T.: -0.013 min
Response: 13029914
Conc: 310.65 ng/ml



#10 AR-1221-3

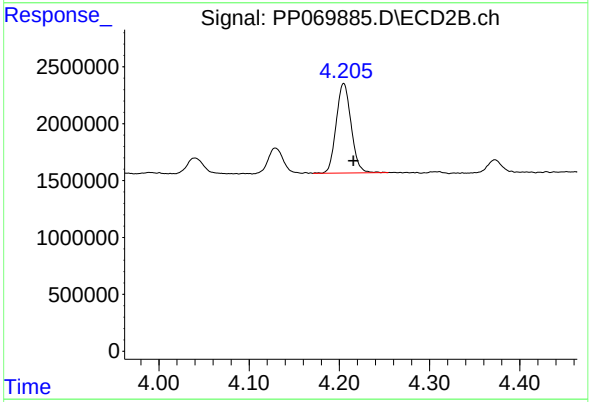
R.T.: 4.205 min
Delta R.T.: -0.013 min
Response: 9055802
Conc: 310.41 ng/ml



#11 AR-1232-1

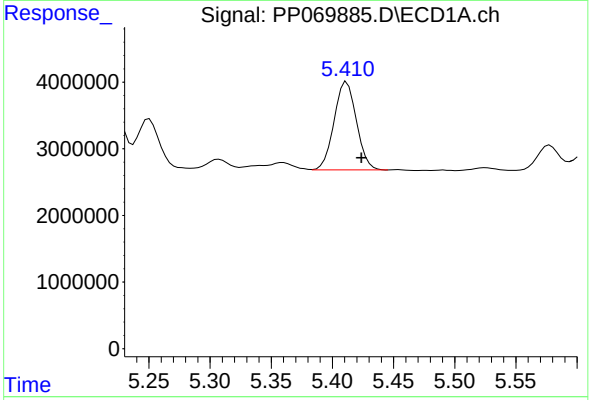
R.T.: 4.886 min
Delta R.T.: -0.011 min
Response: 13029914
Conc: 391.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



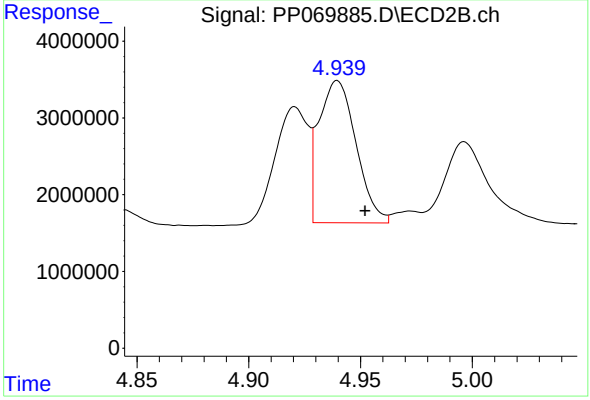
#11 AR-1232-1

R.T.: 4.205 min
Delta R.T.: -0.011 min
Response: 9055802
Conc: 385.69 ng/ml



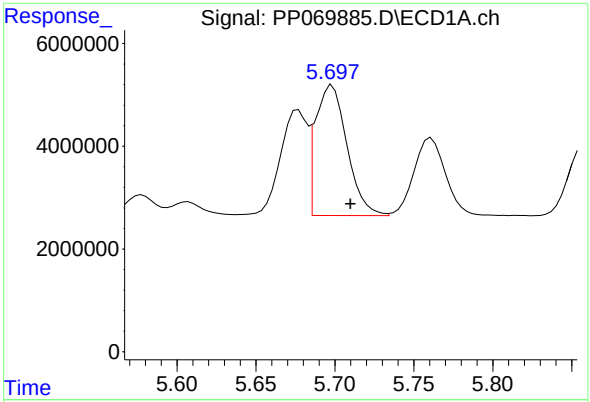
#12 AR-1232-2

R.T.: 5.412 min
Delta R.T.: -0.012 min
Response: 16792310
Conc: 1027.55 ng/ml



#12 AR-1232-2

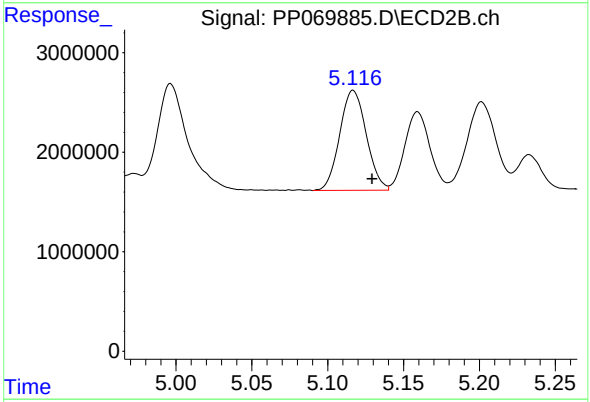
R.T.: 4.940 min
Delta R.T.: -0.012 min
Response: 21490872
Conc: 911.72 ng/ml



#13 AR-1232-3

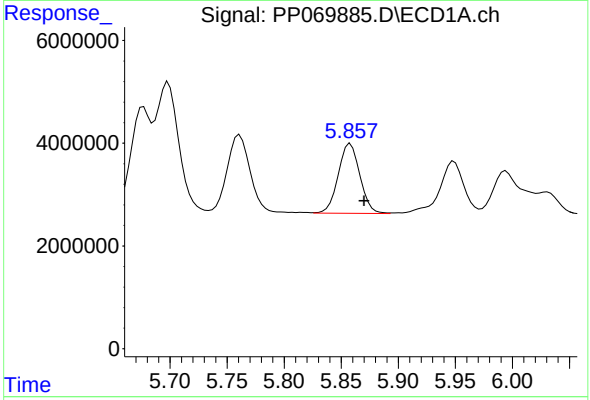
R.T.: 5.698 min
Delta R.T.: -0.011 min
Response: 35316215
Conc: 1027.86 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



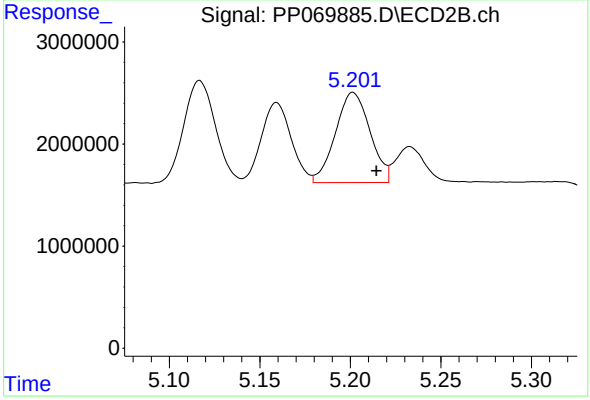
#13 AR-1232-3

R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 12291490
Conc: 949.35 ng/ml



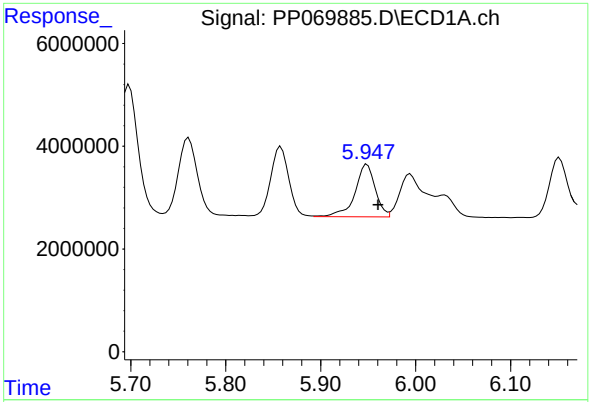
#14 AR-1232-4

R.T.: 5.858 min
Delta R.T.: -0.012 min
Response: 17914118
Conc: 1005.50 ng/ml



#14 AR-1232-4

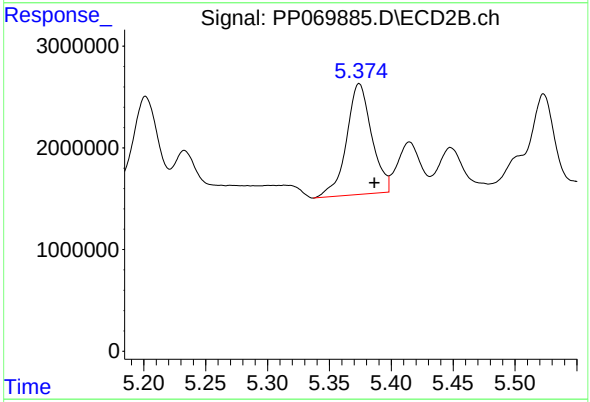
R.T.: 5.201 min
Delta R.T.: -0.013 min
Response: 11751751
Conc: 1060.02 ng/ml



#15 AR-1232-5

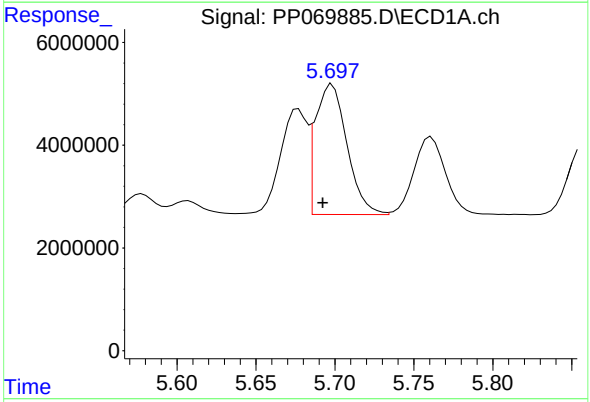
R.T.: 5.949 min
Delta R.T.: -0.011 min
Response: 15153105
Conc: 1321.98 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



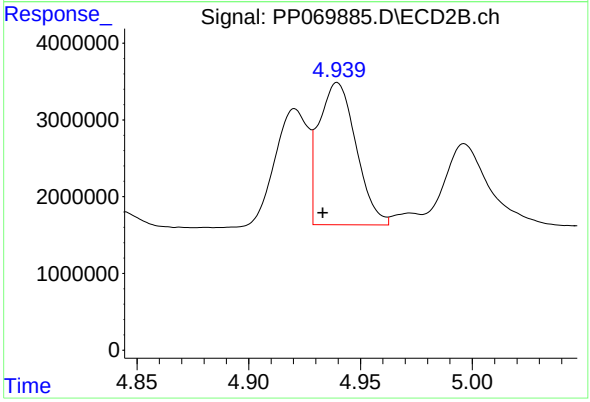
#15 AR-1232-5

R.T.: 5.374 min
Delta R.T.: -0.012 min
Response: 15445212
Conc: 1264.93 ng/ml



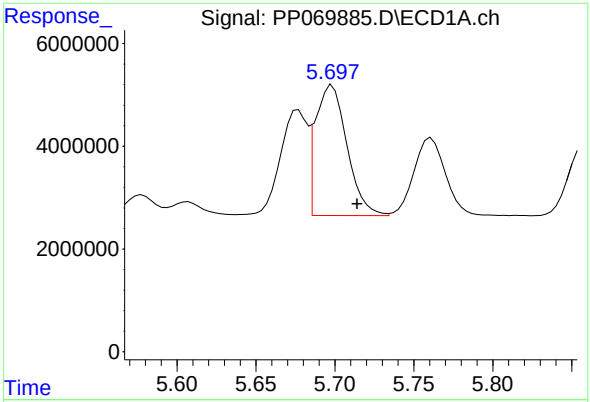
#16 AR-1242-1

R.T.: 5.698 min
Delta R.T.: 0.006 min
Response: 35316215
Conc: 846.80 ng/ml



#16 AR-1242-1

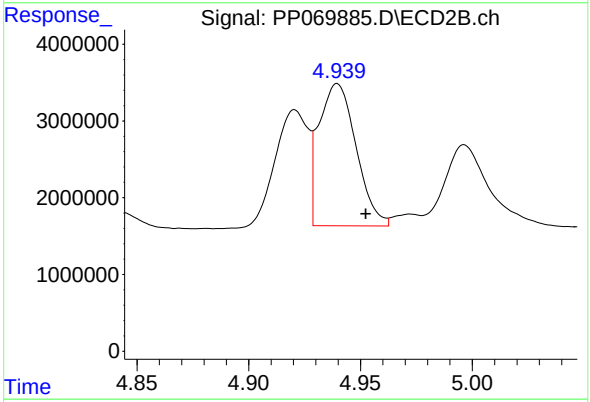
R.T.: 4.940 min
Delta R.T.: 0.007 min
Response: 21490872
Conc: 745.38 ng/ml



#17 AR-1242-2

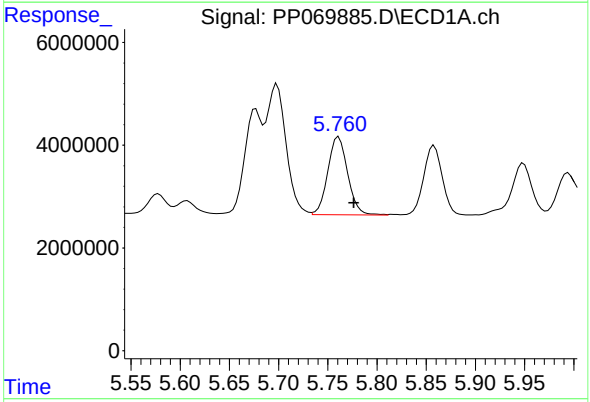
R.T.: 5.698 min
Delta R.T.: -0.016 min
Response: 35316215
Conc: 598.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



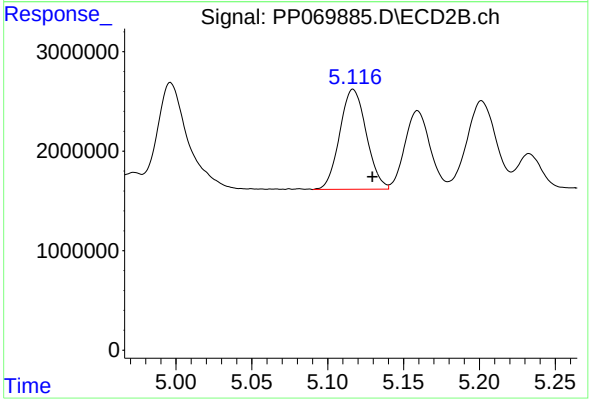
#17 AR-1242-2

R.T.: 4.940 min
Delta R.T.: -0.013 min
Response: 21490872
Conc: 545.48 ng/ml



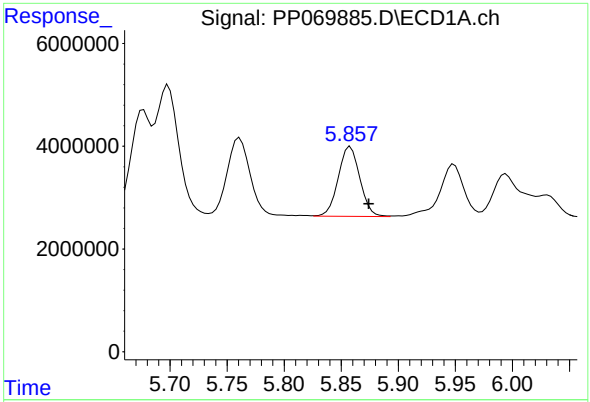
#18 AR-1242-3

R.T.: 5.761 min
Delta R.T.: -0.015 min
Response: 21338362
Conc: 575.18 ng/ml



#18 AR-1242-3

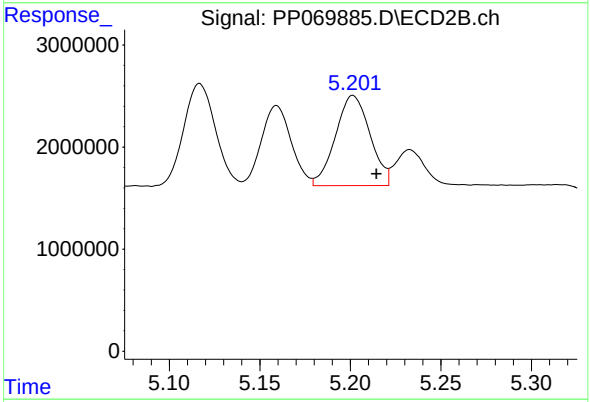
R.T.: 5.117 min
Delta R.T.: -0.013 min
Response: 12291490
Conc: 546.19 ng/ml



#19 AR-1242-4

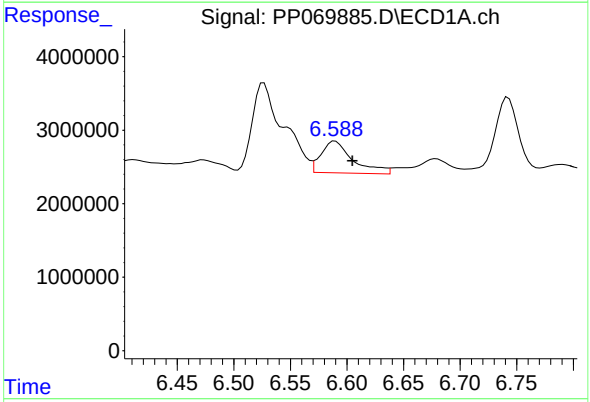
R.T.: 5.858 min
Delta R.T.: -0.016 min
Response: 17914118
Conc: 546.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



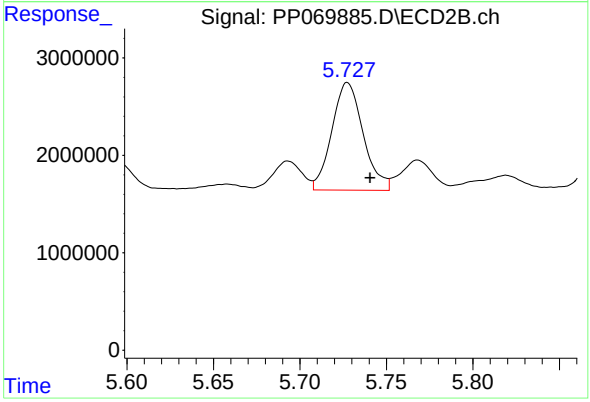
#19 AR-1242-4

R.T.: 5.201 min
Delta R.T.: -0.013 min
Response: 11751751
Conc: 544.51 ng/ml



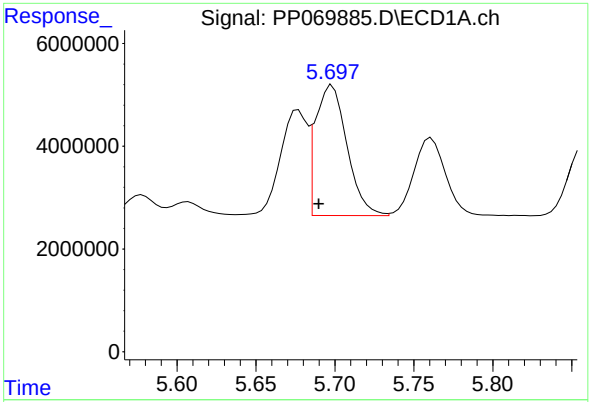
#20 AR-1242-5

R.T.: 6.590 min
Delta R.T.: -0.015 min
Response: 8447771
Conc: 259.26 ng/ml



#20 AR-1242-5

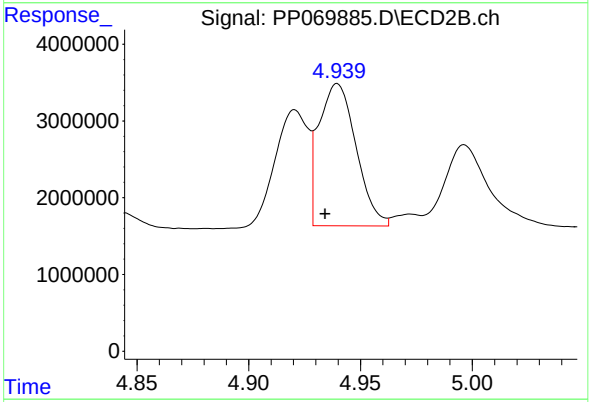
R.T.: 5.727 min
Delta R.T.: -0.013 min
Response: 13883638
Conc: 482.60 ng/ml



#21 AR-1248-1

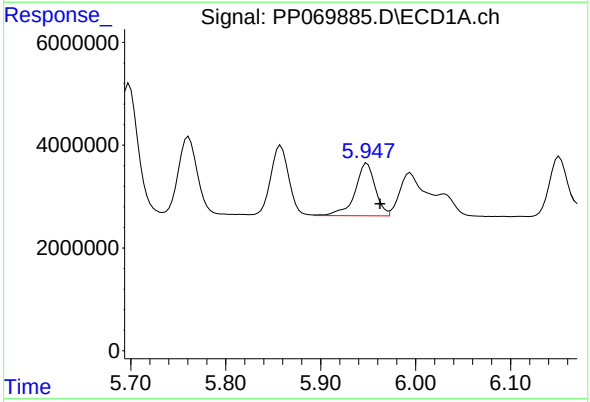
R.T.: 5.698 min
Delta R.T.: 0.009 min
Response: 35316215
Conc: 1088.69 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



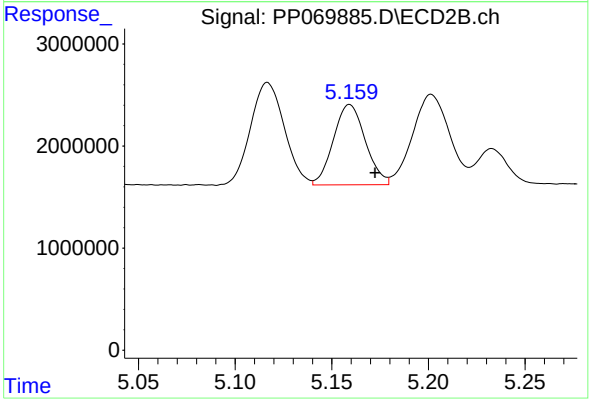
#21 AR-1248-1

R.T.: 4.940 min
Delta R.T.: 0.006 min
Response: 21490872
Conc: 976.39 ng/ml



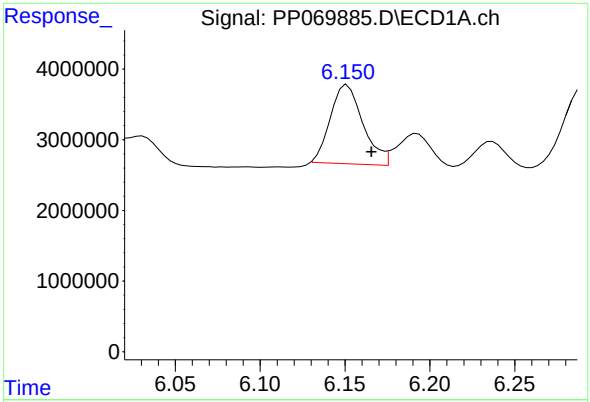
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: -0.014 min
Response: 15153105
Conc: 356.99 ng/ml



#22 AR-1248-2

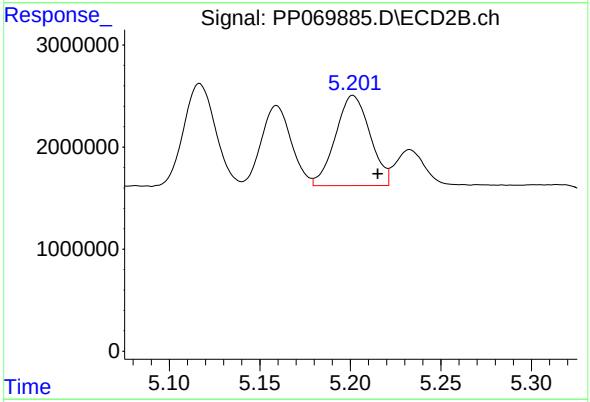
R.T.: 5.159 min
Delta R.T.: -0.013 min
Response: 9066429
Conc: 301.57 ng/ml



#23 AR-1248-3

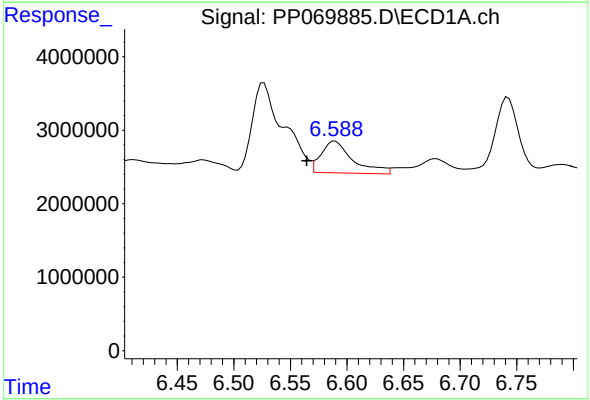
R.T.: 6.151 min
Delta R.T.: -0.014 min
Response: 14925513
Conc: 317.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



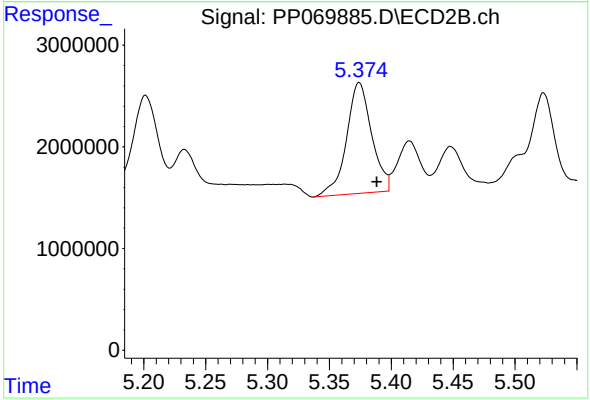
#23 AR-1248-3

R.T.: 5.201 min
Delta R.T.: -0.014 min
Response: 11751751
Conc: 379.28 ng/ml



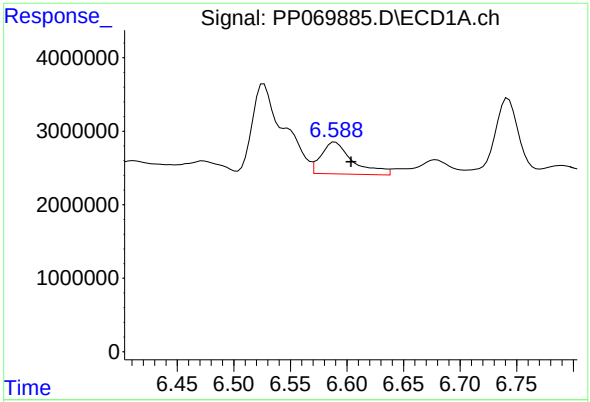
#24 AR-1248-4

R.T.: 6.590 min
Delta R.T.: 0.025 min
Response: 8447771
Conc: 153.26 ng/ml



#24 AR-1248-4

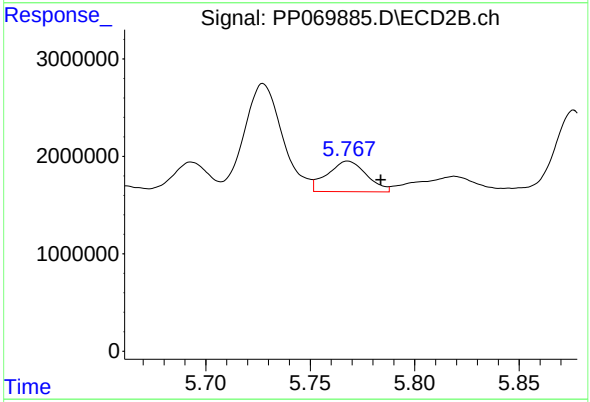
R.T.: 5.374 min
Delta R.T.: -0.014 min
Response: 15445212
Conc: 418.07 ng/ml



#25 AR-1248-5

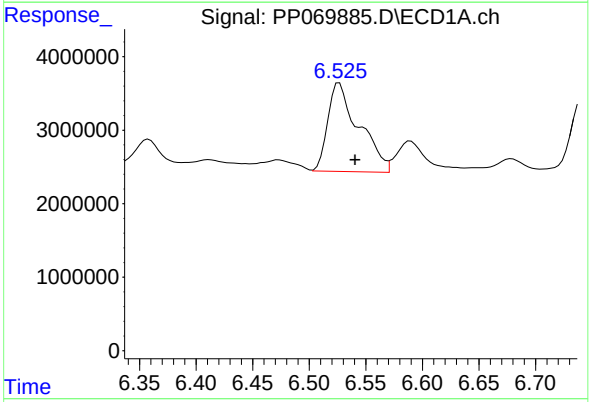
R.T.: 6.590 min
Delta R.T.: -0.014 min
Response: 8447771
Conc: 158.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



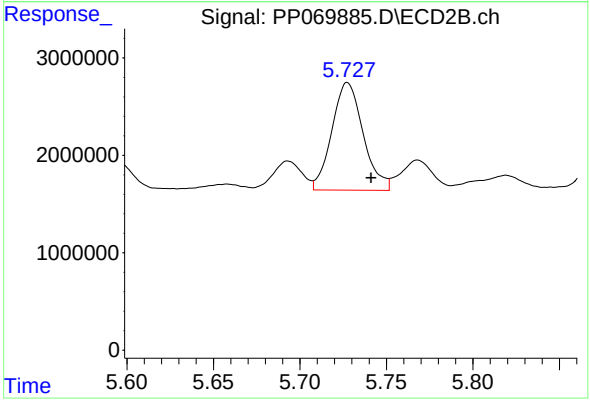
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.016 min
Response: 4118478
Conc: 110.15 ng/ml



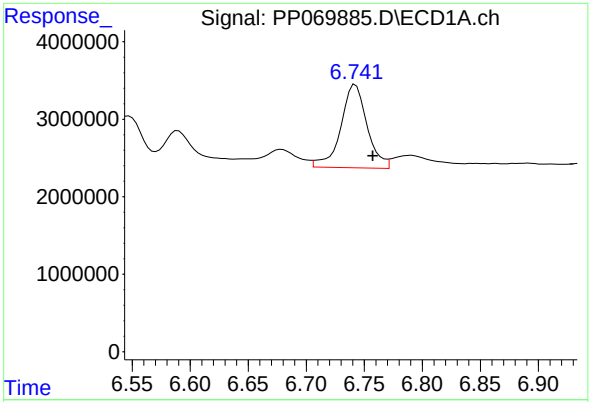
#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: -0.014 min
Response: 23080041
Conc: 398.87 ng/ml



#26 AR-1254-1

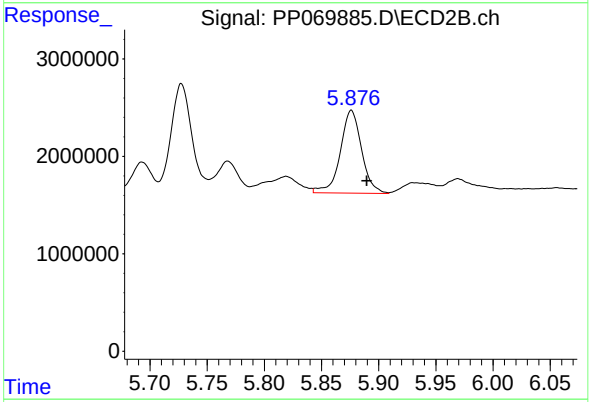
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 13883638
Conc: 252.17 ng/ml



#27 AR-1254-2

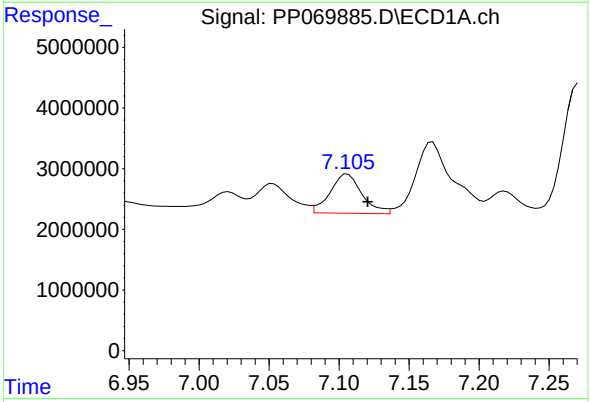
R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 16918519
Conc: 210.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



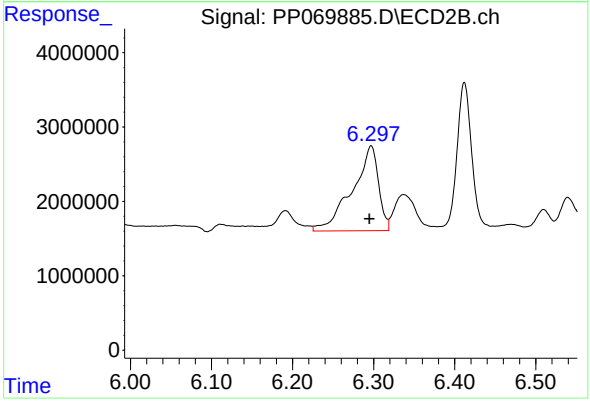
#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 11035593
Conc: 228.16 ng/ml



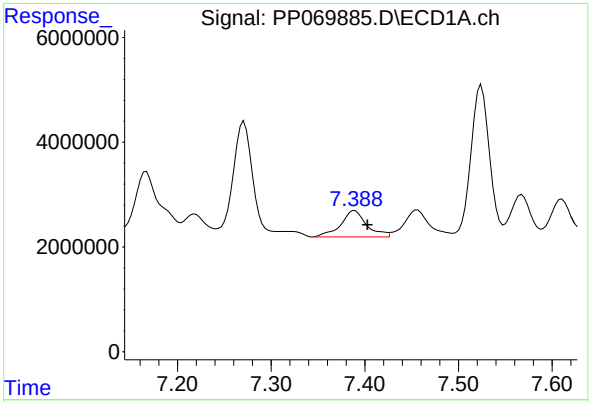
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.014 min
Response: 10262206
Conc: 121.75 ng/ml



#28 AR-1254-3

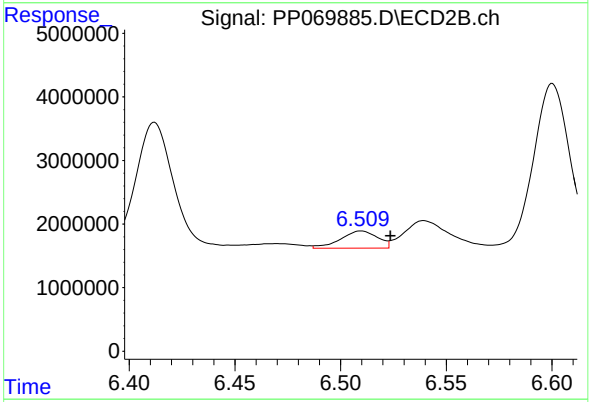
R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 25641571
Conc: 337.85 ng/ml



#29 AR-1254-4

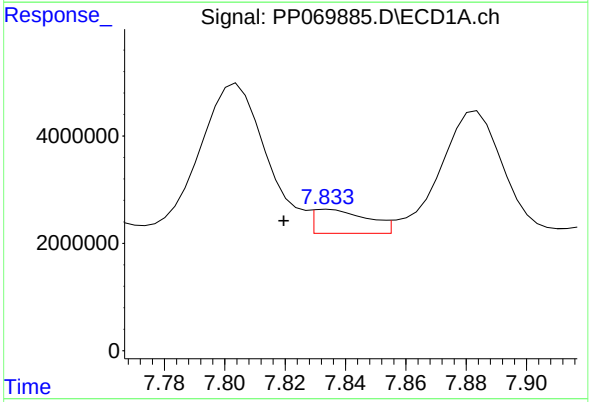
R.T.: 7.389 min
Delta R.T.: -0.013 min
Response: 9702791
Conc: 142.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



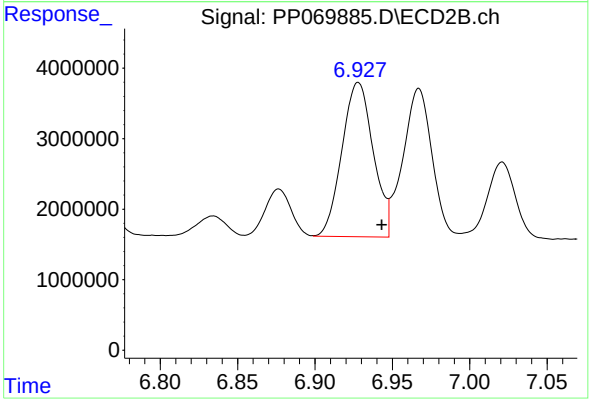
#29 AR-1254-4

R.T.: 6.510 min
Delta R.T.: -0.014 min
Response: 3305490
Conc: 64.50 ng/ml



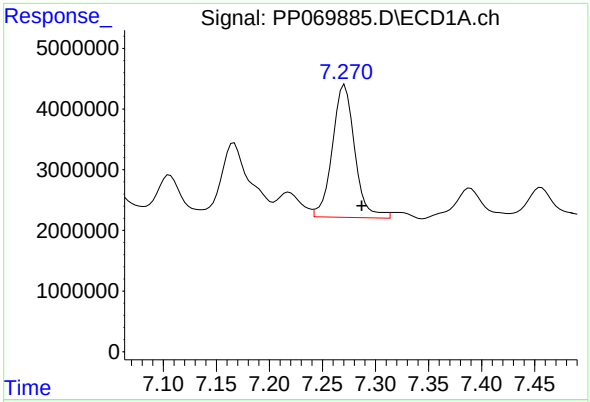
#30 AR-1254-5

R.T.: 7.834 min
Delta R.T.: 0.015 min
Response: 5503276
Conc: 80.88 ng/ml



#30 AR-1254-5

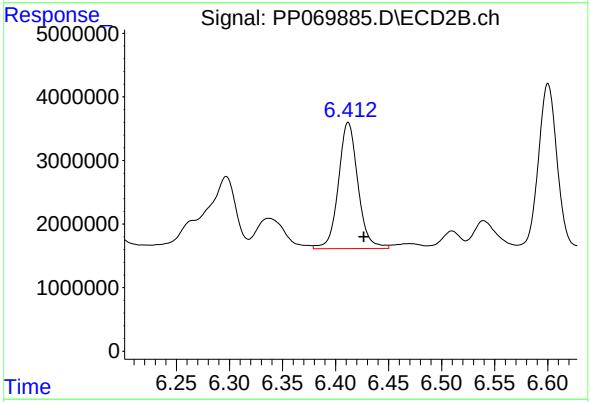
R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 30858018
Conc: 463.61 ng/ml



#31 AR-1260-1

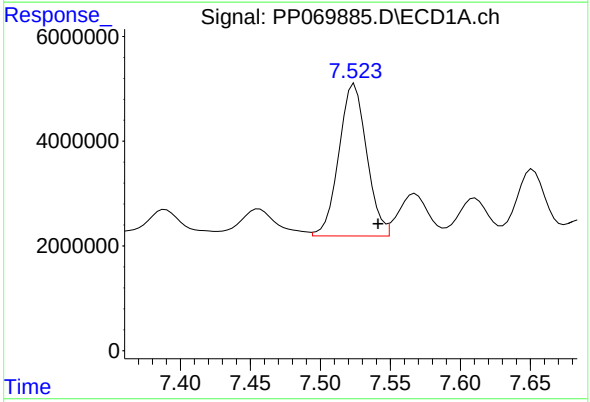
R.T.: 7.271 min
Delta R.T.: -0.016 min
Response: 32120436
Conc: 549.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



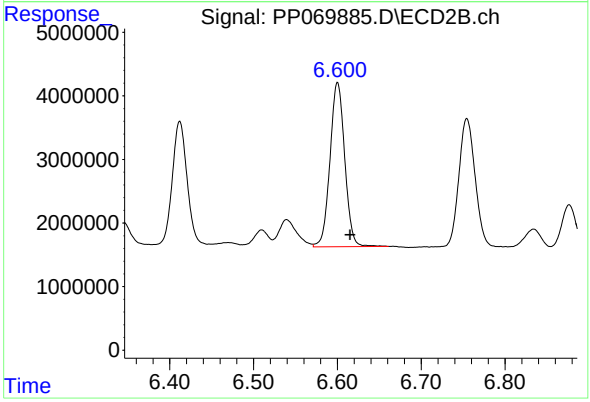
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.014 min
Response: 25424871
Conc: 527.16 ng/ml



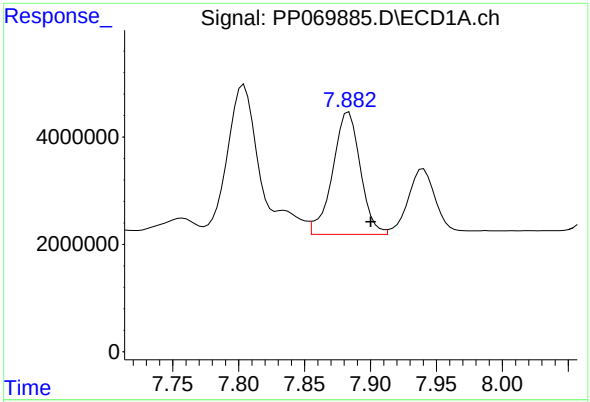
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: -0.017 min
Response: 40194252
Conc: 516.55 ng/ml



#32 AR-1260-2

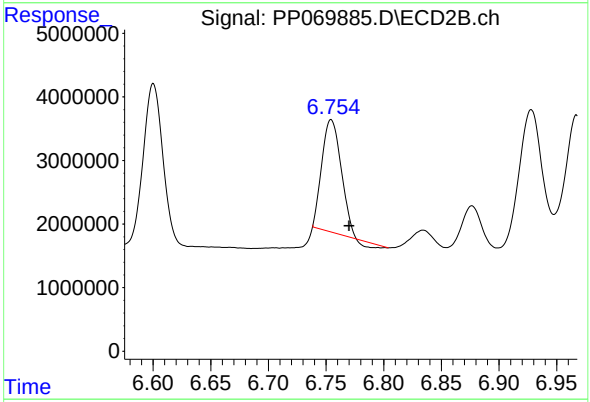
R.T.: 6.600 min
Delta R.T.: -0.015 min
Response: 31581904
Conc: 515.17 ng/ml



#33 AR-1260-3

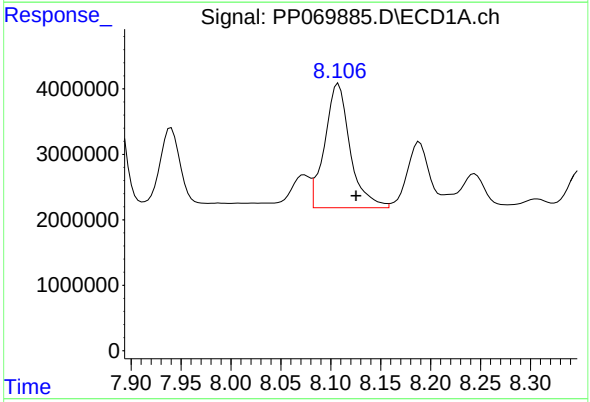
R.T.: 7.884 min
Delta R.T.: -0.017 min
Response: 33309612
Conc: 532.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



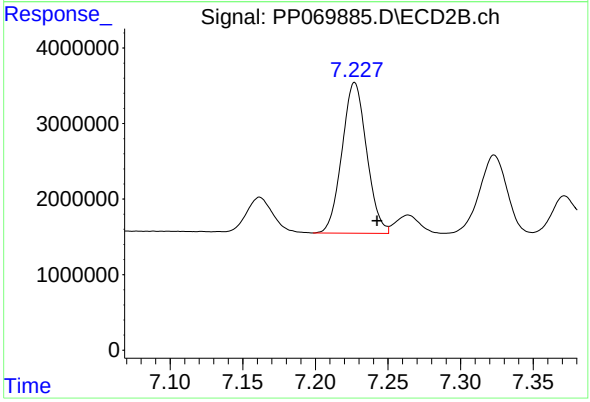
#33 AR-1260-3

R.T.: 6.754 min
Delta R.T.: -0.015 min
Response: 19923547
Conc: 331.20 ng/ml



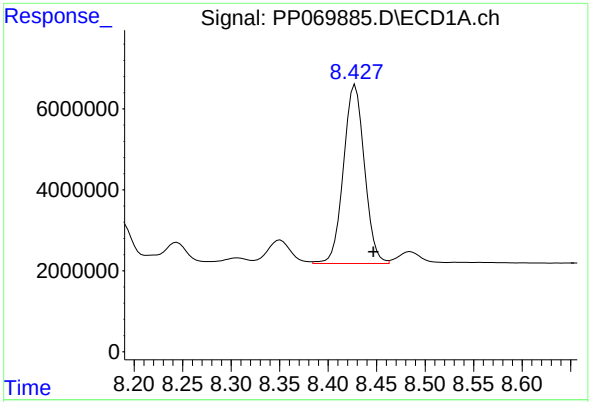
#34 AR-1260-4

R.T.: 8.108 min
Delta R.T.: -0.018 min
Response: 33540359
Conc: 508.37 ng/ml



#34 AR-1260-4

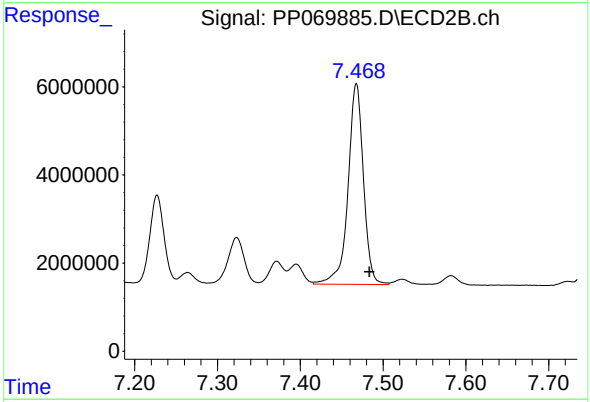
R.T.: 7.227 min
Delta R.T.: -0.015 min
Response: 23581080
Conc: 507.47 ng/ml



#35 AR-1260-5

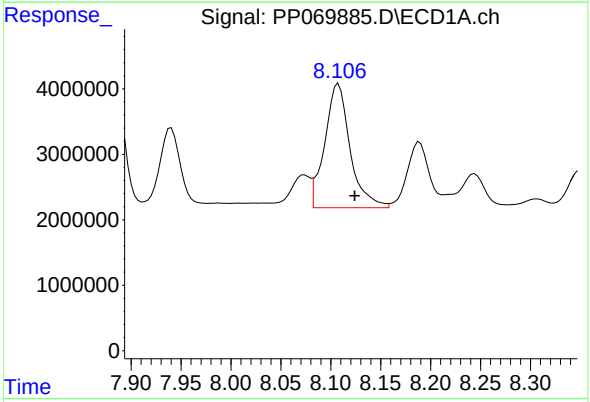
R.T.: 8.428 min
Delta R.T.: -0.019 min
Response: 66451583
Conc: 507.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



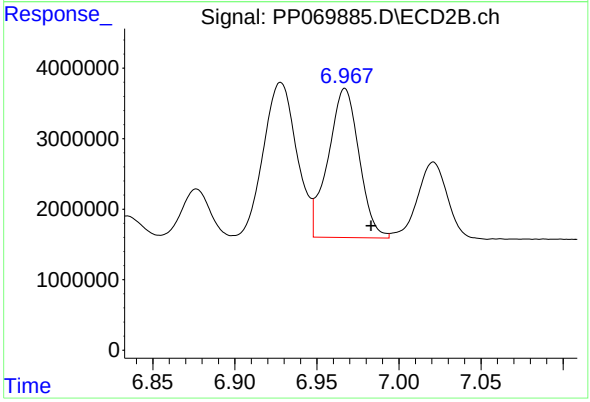
#35 AR-1260-5

R.T.: 7.468 min
Delta R.T.: -0.016 min
Response: 58969327
Conc: 530.56 ng/ml



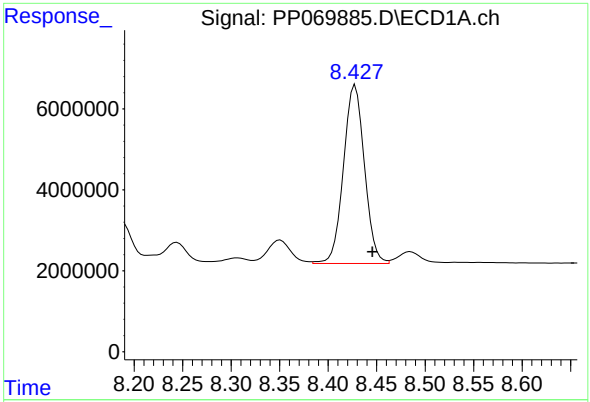
#36 AR-1262-1

R.T.: 8.108 min
Delta R.T.: -0.016 min
Response: 33540359
Conc: 424.46 ng/ml



#36 AR-1262-1

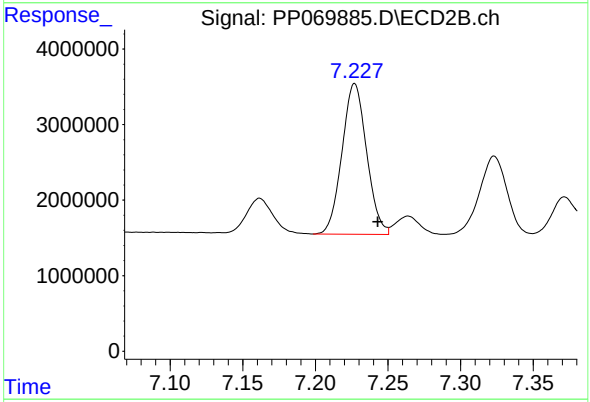
R.T.: 6.967 min
Delta R.T.: -0.016 min
Response: 27763010
Conc: 390.96 ng/ml



#37 AR-1262-2

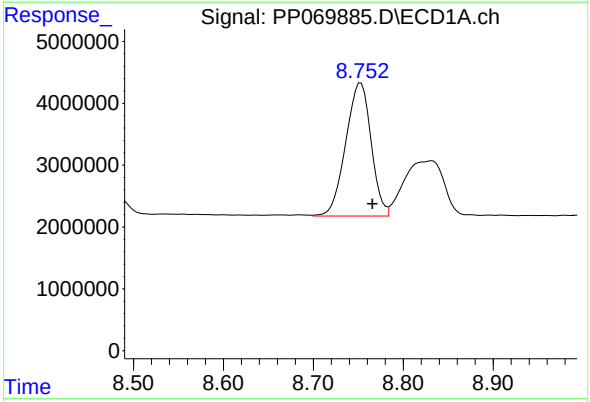
R.T.: 8.428 min
Delta R.T.: -0.018 min
Response: 66451583
Conc: 434.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



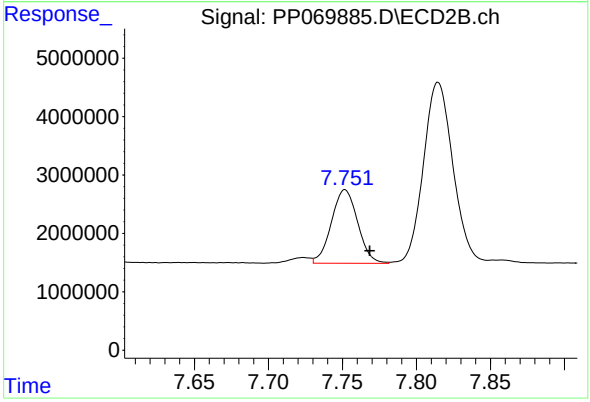
#37 AR-1262-2

R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 23581080
Conc: 386.71 ng/ml



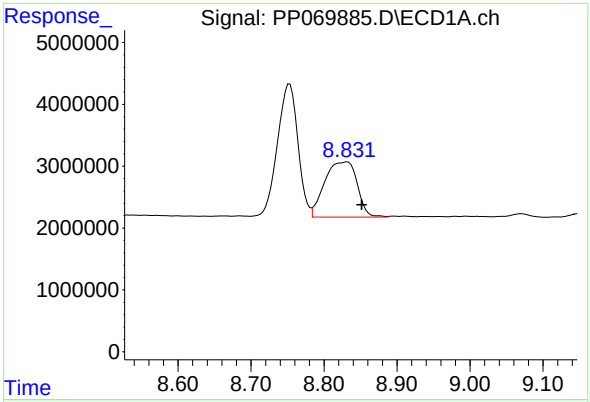
#38 AR-1262-3

R.T.: 8.753 min
Delta R.T.: -0.013 min
Response: 42128127
Conc: 396.39 ng/ml



#38 AR-1262-3

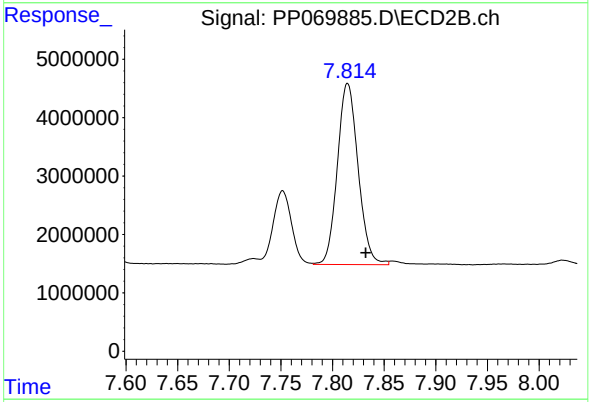
R.T.: 7.752 min
Delta R.T.: -0.017 min
Response: 15615257
Conc: 298.58 ng/ml



#39 AR-1262-4

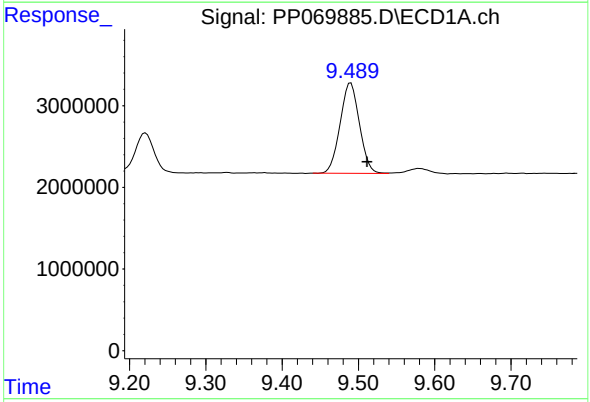
R.T.: 8.832 min
Delta R.T.: -0.019 min
Response: 27632657
Conc: 337.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



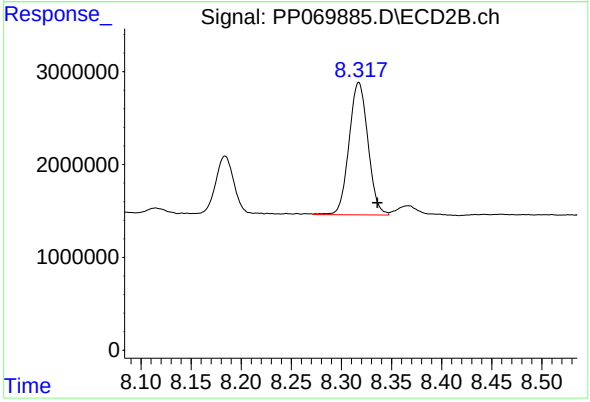
#39 AR-1262-4

R.T.: 7.815 min
Delta R.T.: -0.017 min
Response: 43367900
Conc: 469.16 ng/ml



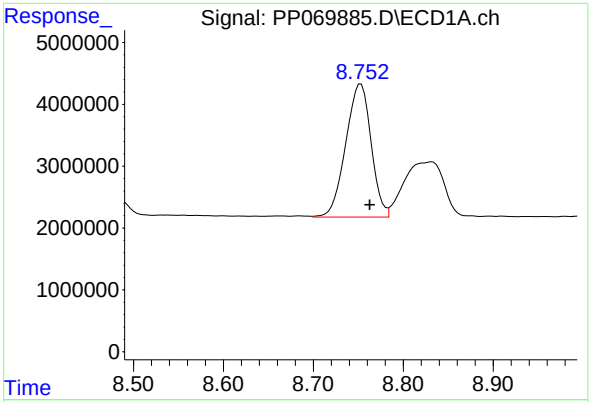
#40 AR-1262-5

R.T.: 9.490 min
Delta R.T.: -0.021 min
Response: 19529275
Conc: 344.98 ng/ml



#40 AR-1262-5

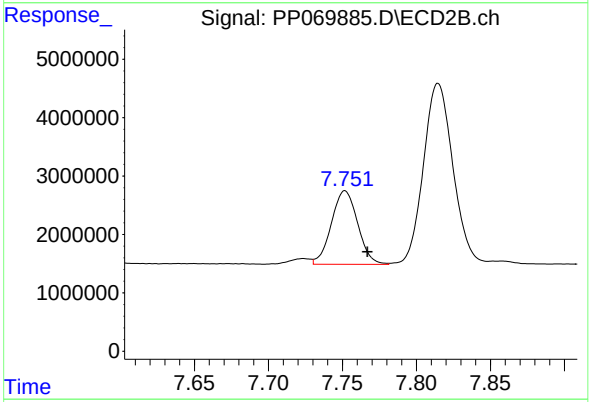
R.T.: 8.317 min
Delta R.T.: -0.019 min
Response: 18774239
Conc: 392.83 ng/ml



#41 AR-1268-1

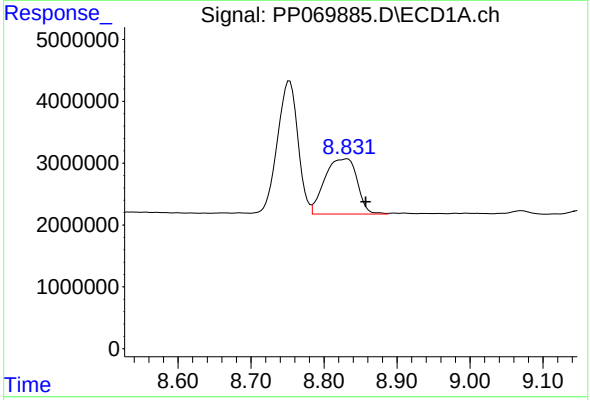
R.T.: 8.753 min
Delta R.T.: -0.010 min
Response: 42128127
Conc: 238.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



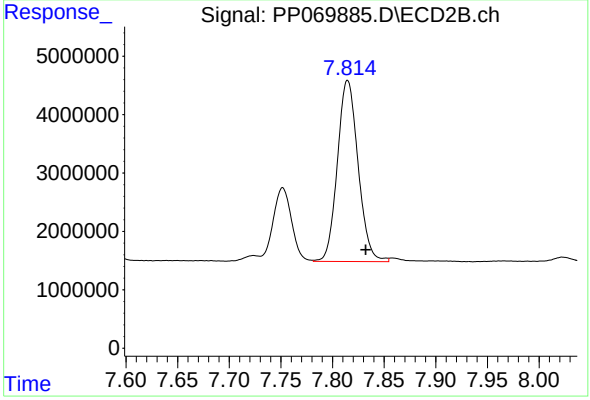
#41 AR-1268-1

R.T.: 7.752 min
Delta R.T.: -0.015 min
Response: 15615257
Conc: 107.60 ng/ml



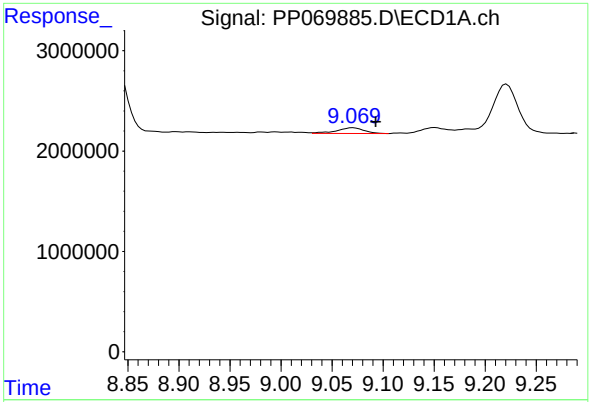
#42 AR-1268-2

R.T.: 8.832 min
Delta R.T.: -0.025 min
Response: 27632657
Conc: 175.59 ng/ml



#42 AR-1268-2

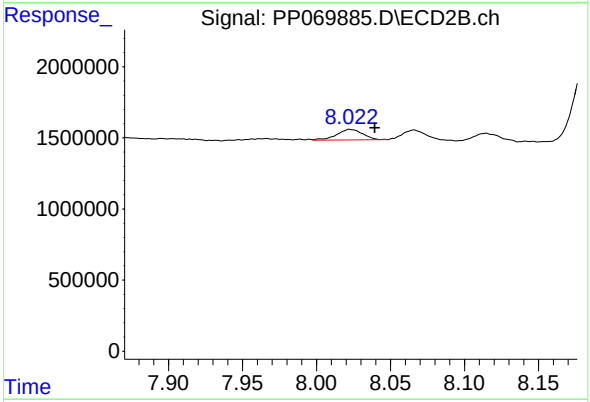
R.T.: 7.815 min
Delta R.T.: -0.017 min
Response: 43367900
Conc: 326.53 ng/ml



#43 AR-1268-3

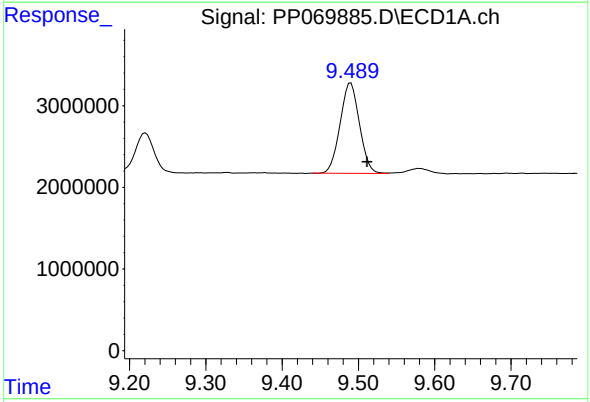
R.T.: 9.071 min
Delta R.T.: -0.022 min
Response: 1065817
Conc: 7.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



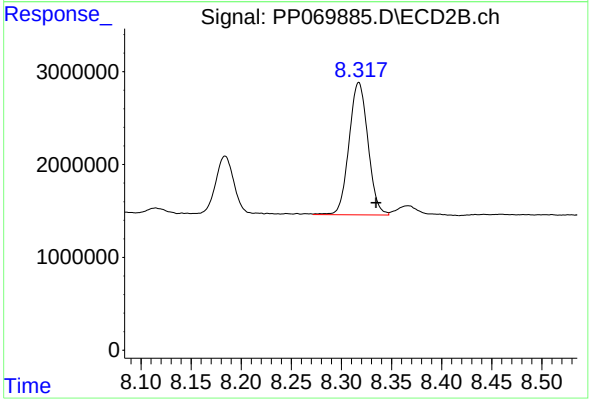
#43 AR-1268-3

R.T.: 8.023 min
Delta R.T.: -0.017 min
Response: 901454
Conc: 7.93 ng/ml



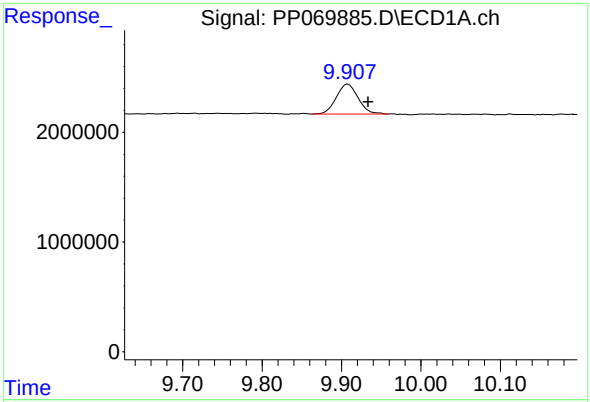
#44 AR-1268-4

R.T.: 9.490 min
Delta R.T.: -0.021 min
Response: 19529275
Conc: 332.58 ng/ml



#44 AR-1268-4

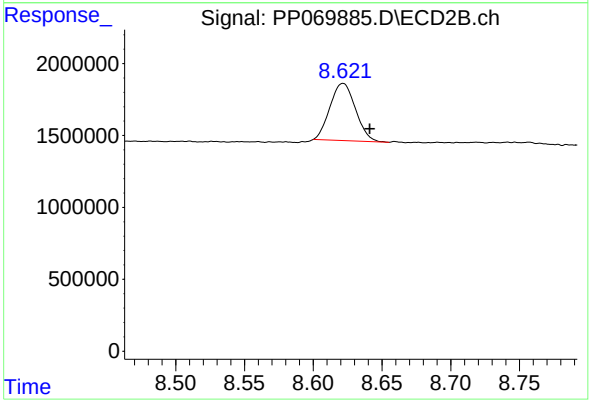
R.T.: 8.317 min
Delta R.T.: -0.017 min
Response: 18774239
Conc: 360.50 ng/ml



#45 AR-1268-5

R.T.: 9.908 min
Delta R.T.: -0.025 min
Response: 5205681
Conc: 13.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.622 min
Delta R.T.: -0.019 min
Response: 5135936
Conc: 14.42 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 07:23
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:46:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.829	34234895	19452104	23.916	21.794	
2)	SA Decachlor...	10.252	8.887	25374752	25057580	23.218	22.403	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.979f	0	129400	N.D.	3.967	#
4)	L1 AR-1016-2	0.000	4.979	0	129400	N.D.	2.878	#
5)	L1 AR-1016-3	0.000	5.124	0	836220	N.D.	33.605	#
6)	L1 AR-1016-4	0.000	5.176	0	1562883	N.D.	77.385	#
7)	L1 AR-1016-5	0.000	5.393	0	1189005	N.D.	44.326	#
8)	L2 AR-1221-1	0.000	3.985f	0	305873	N.D.	24.831	#
9)	L2 AR-1221-2	4.825	4.131	585094	371735	42.731	38.389	
10)	L2 AR-1221-3	0.000	4.220	0	17571	N.D.	0.602	#
11)	L3 AR-1232-1	0.000	4.220	0	17571	N.D.	0.748	#
12)	L3 AR-1232-2	0.000	4.979	0	129400	N.D.	5.490	#
13)	L3 AR-1232-3	0.000	5.124	0	836220	N.D.	64.587	#
14)	L3 AR-1232-4	0.000	5.205	0	559059	N.D.	50.428	#
15)	L3 AR-1232-5	6.021f	5.393	1100250	1189005	95.988	97.377	
16)	L4 AR-1242-1	0.000	4.979f	0	129400	N.D.	4.488	#
17)	L4 AR-1242-2	0.000	4.979	0	129400	N.D.	3.284	#
18)	L4 AR-1242-3	0.000	5.124	0	836220	N.D.	37.159	#
19)	L4 AR-1242-4	0.000	5.205	0	559059	N.D.	25.904	#
20)	L4 AR-1242-5	6.574	5.749	7549355	3001949	231.687	104.349	#
21)	L5 AR-1248-1	0.000	4.979f	0	129400	N.D.	5.879	#
22)	L5 AR-1248-2	6.021f	5.176	1100250	1562883	25.921	51.984	#
23)	L5 AR-1248-3	0.000	5.205	0	559059	N.D.	18.043	#
24)	L5 AR-1248-4	6.574	5.393	7549355	1189005	136.959	32.184	#
25)	L5 AR-1248-5	6.574	5.749	7549355	3001949	141.417	80.289	#
26)	L6 AR-1254-1	6.527	5.749	4530775	3001949	78.301	54.526	#
27)	L6 AR-1254-2	0.000	5.858	0	2681239	N.D.	55.433	#
28)	L6 AR-1254-3	7.098	6.304	8198325	1098609	97.265	14.475	#
29)	L6 AR-1254-4	7.385	6.530	4571547	758154	67.043	14.793	#
30)	L6 AR-1254-5	0.000	6.897f	0	65300	N.D.	0.981	#
31)	L7 AR-1260-1	7.320	6.403	3409919	348197	58.353	7.220	#
32)	L7 AR-1260-2	7.535	6.607	1299888	539695	16.705	8.804	#
33)	L7 AR-1260-3	0.000	6.753	0	533194	N.D.	8.863	#
38)	L8 AR-1262-3	0.000	7.765	0	2222390	N.D.	42.494	#
39)	L8 AR-1262-4	0.000	7.855	0	478485	N.D.	5.176	#
40)	L8 AR-1262-5	0.000	8.395f	0	151482	N.D.	3.170	#
41)	L9 AR-1268-1	0.000	7.765	0	2222390	N.D.	15.314	#
42)	L9 AR-1268-2	0.000	7.855	0	478485	N.D.	3.603	#
44)	L9 AR-1268-4	0.000	8.395f	0	151482	N.D.	2.909	#
45)	L9 AR-1268-5	0.000	8.623	0	123908	N.D.	0.348	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 07:23
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:46:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

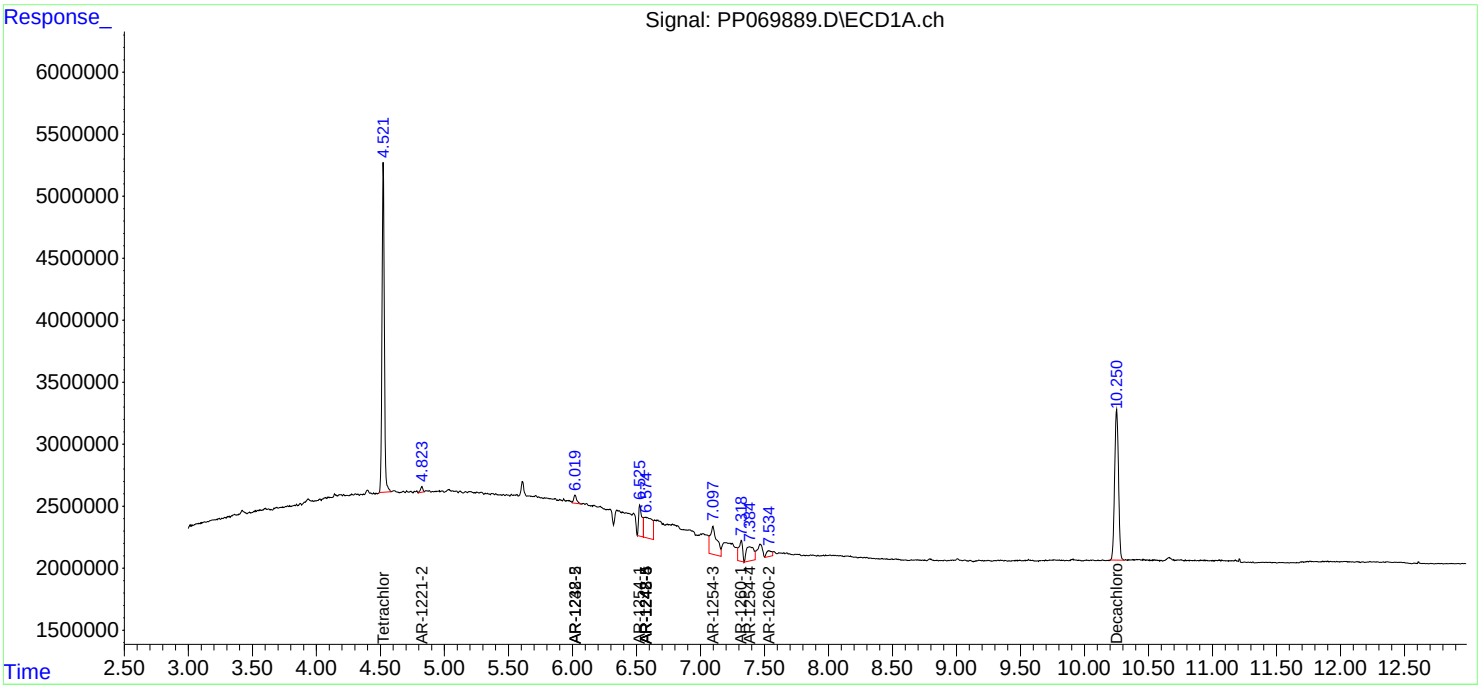
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

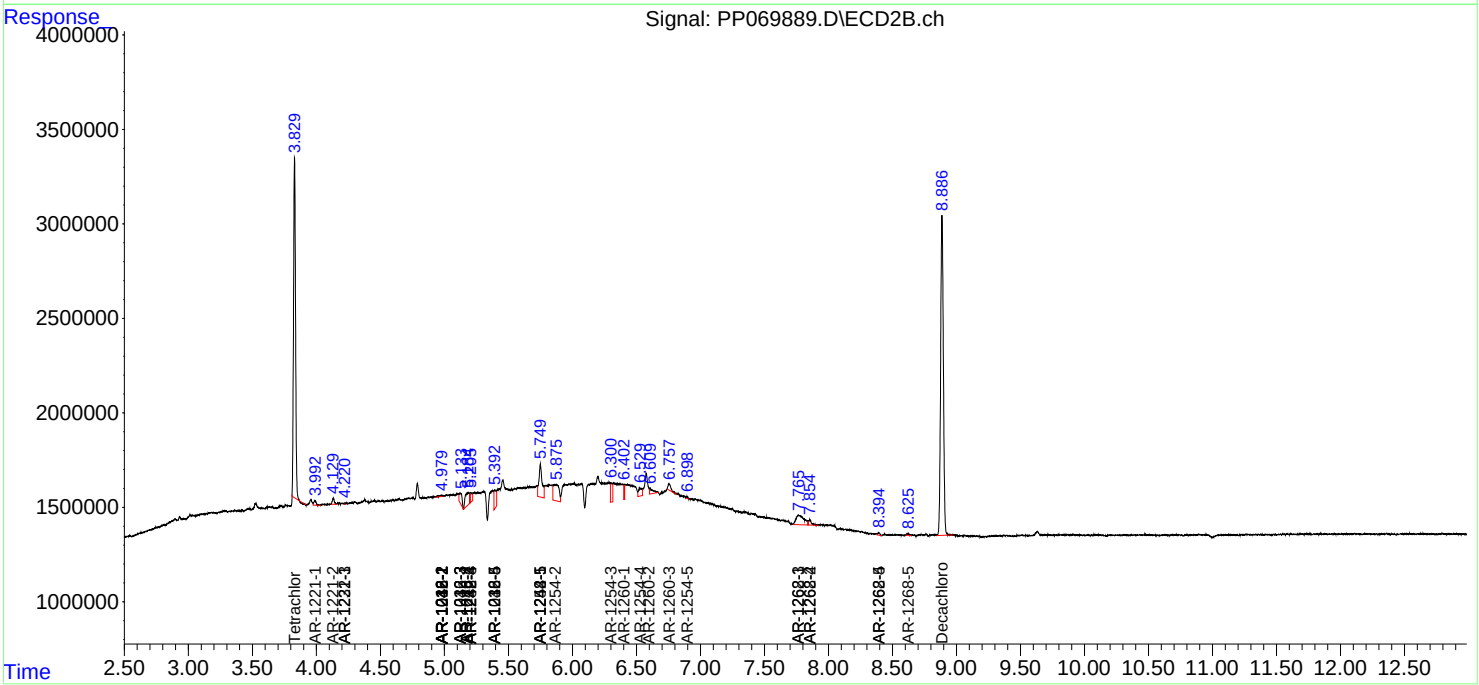
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP021925\
Data File : PP069889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 07:23
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

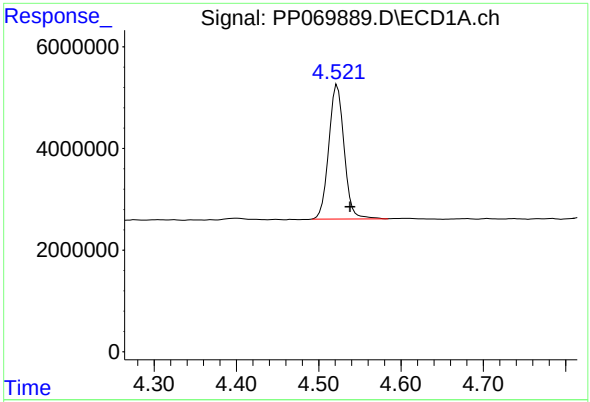
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 01:46:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



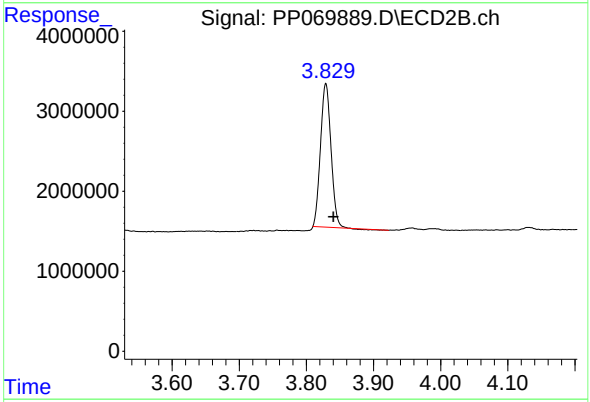




#1 Tetrachloro-m-xylene

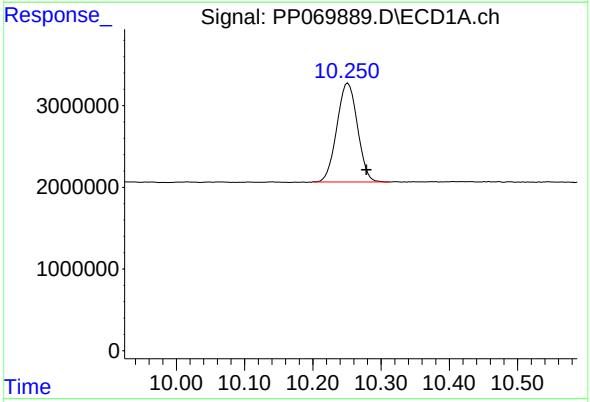
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 34234895
Conc: 23.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



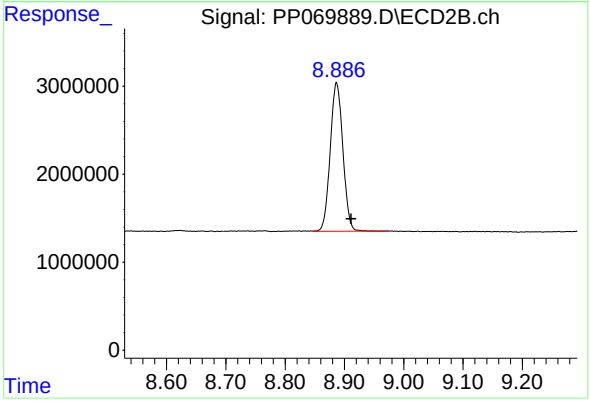
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 19452104
Conc: 21.79 ng/ml



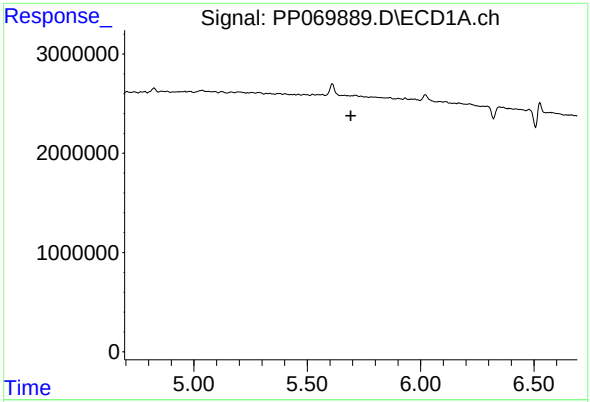
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 25374752
Conc: 23.22 ng/ml



#2 Decachlorobiphenyl

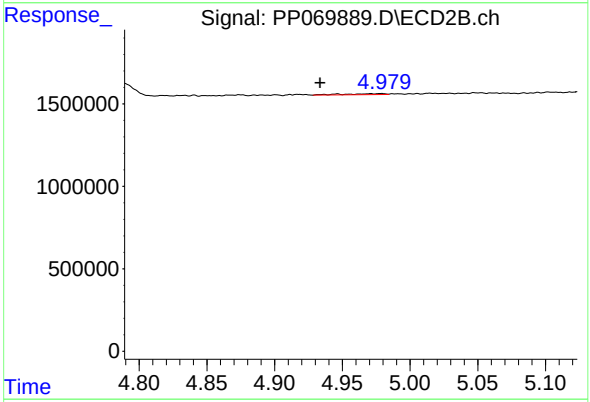
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 25057580
Conc: 22.40 ng/ml



#3 AR-1016-1

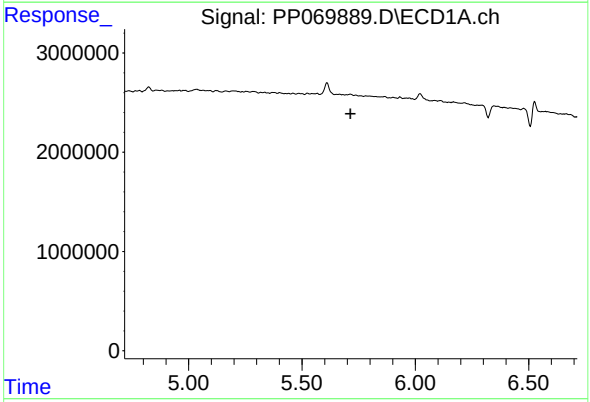
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



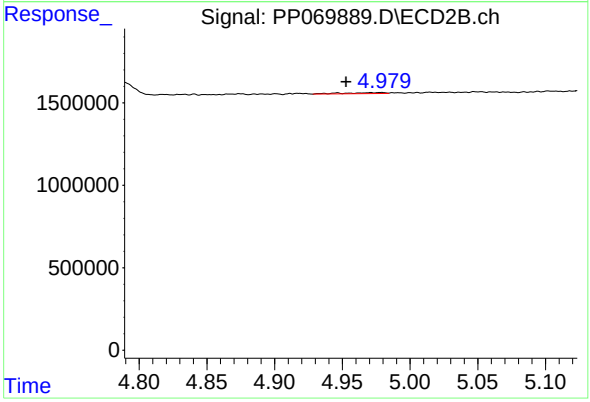
#3 AR-1016-1

R.T.: 4.979 min
Delta R.T.: 0.045 min
Response: 129400
Conc: 3.97 ng/ml



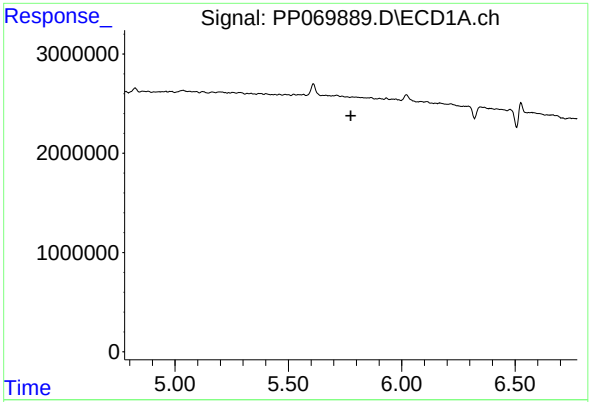
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

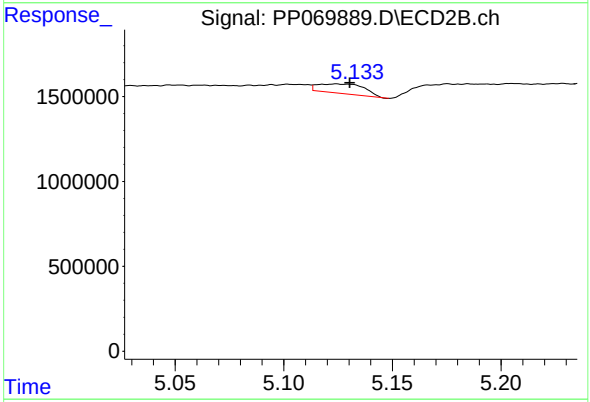
R.T.: 4.979 min
Delta R.T.: 0.026 min
Response: 129400
Conc: 2.88 ng/ml



#5 AR-1016-3

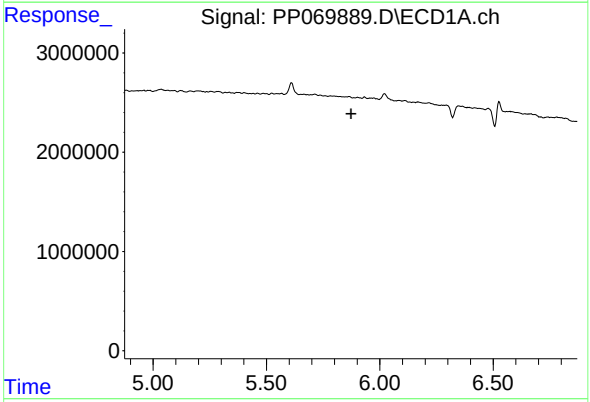
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



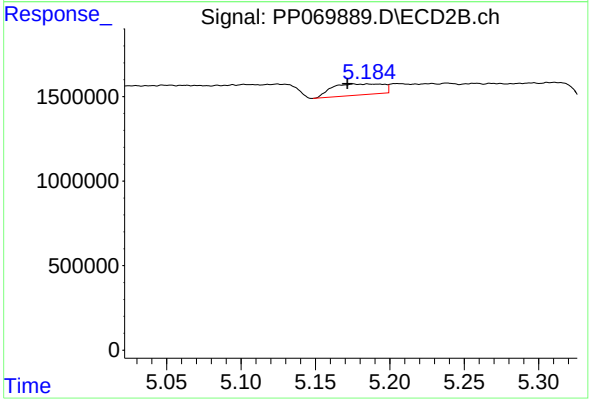
#5 AR-1016-3

R.T.: 5.124 min
Delta R.T.: -0.006 min
Response: 836220
Conc: 33.60 ng/ml



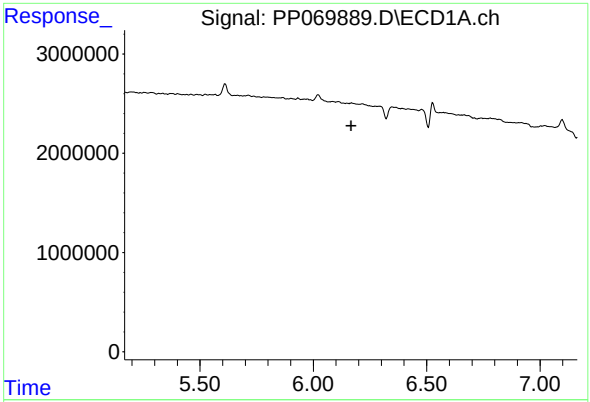
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

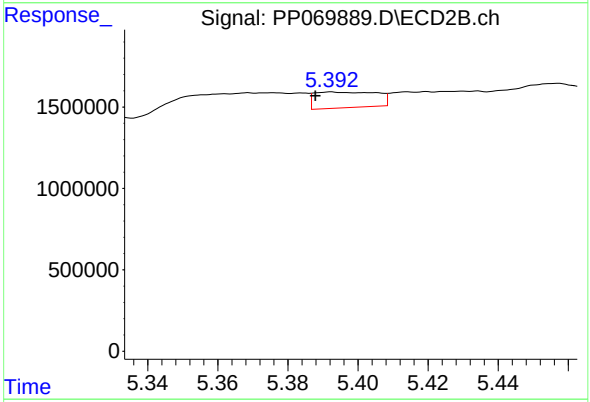
R.T.: 5.176 min
Delta R.T.: 0.004 min
Response: 1562883
Conc: 77.38 ng/ml



#7 AR-1016-5

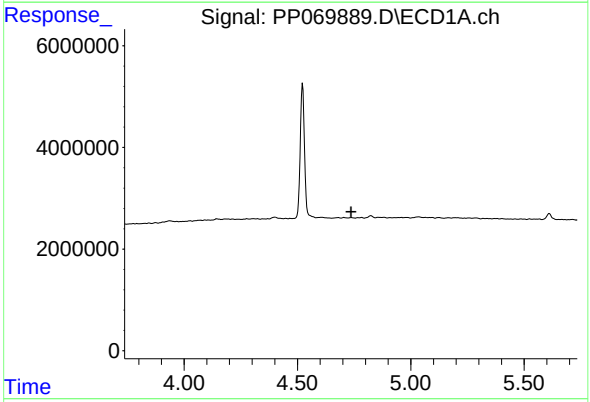
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



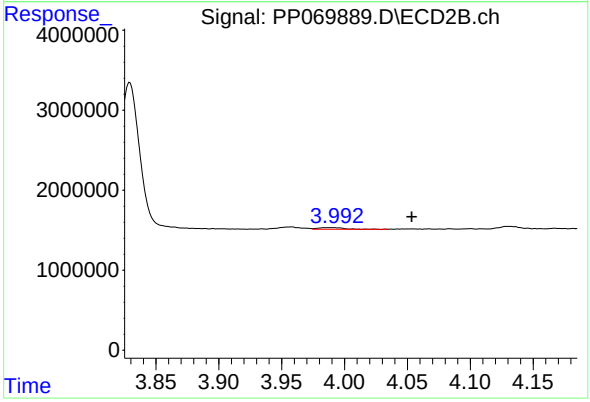
#7 AR-1016-5

R.T.: 5.393 min
Delta R.T.: 0.005 min
Response: 1189005
Conc: 44.33 ng/ml



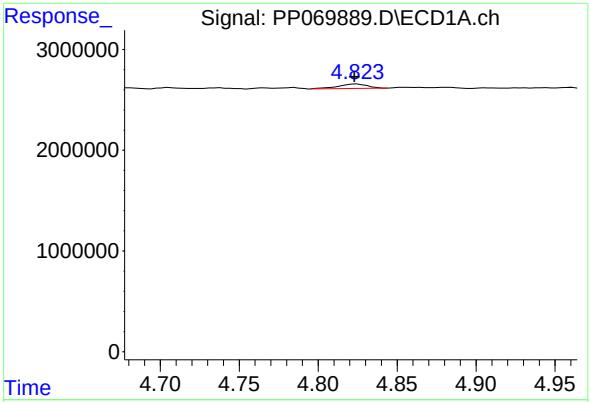
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

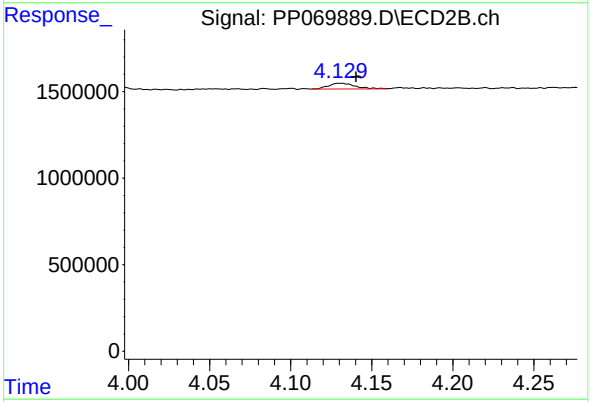
R.T.: 3.985 min
Delta R.T.: -0.068 min
Response: 305873
Conc: 24.83 ng/ml



#9 AR-1221-2

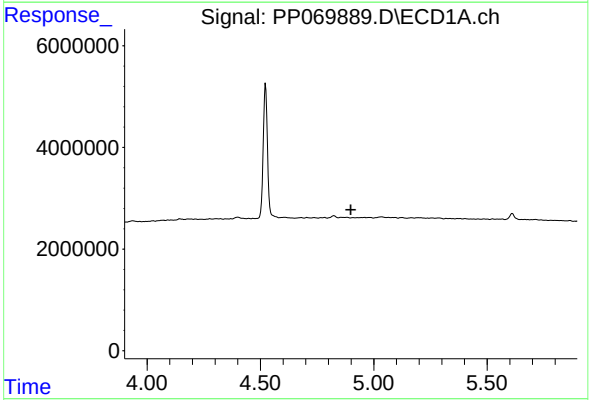
R.T.: 4.825 min
Delta R.T.: 0.002 min
Response: 585094
Conc: 42.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



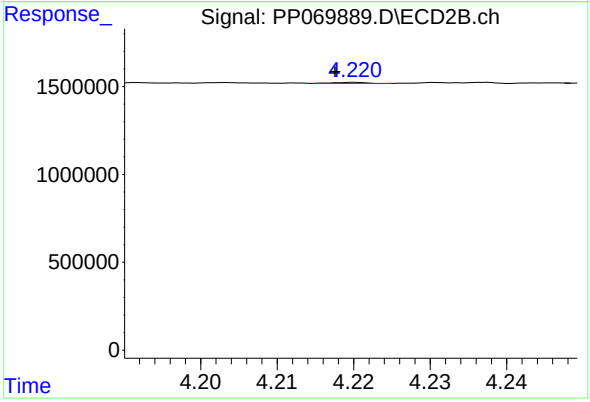
#9 AR-1221-2

R.T.: 4.131 min
Delta R.T.: -0.010 min
Response: 371735
Conc: 38.39 ng/ml



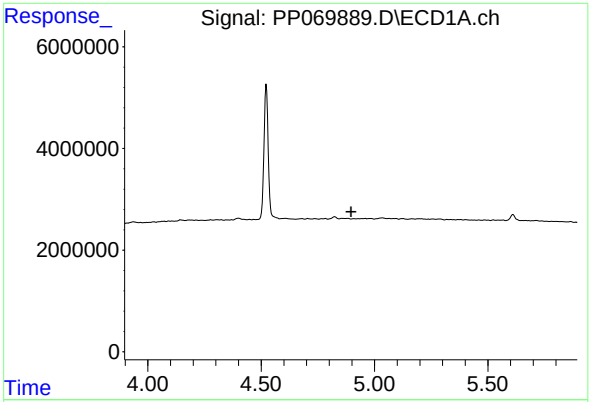
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

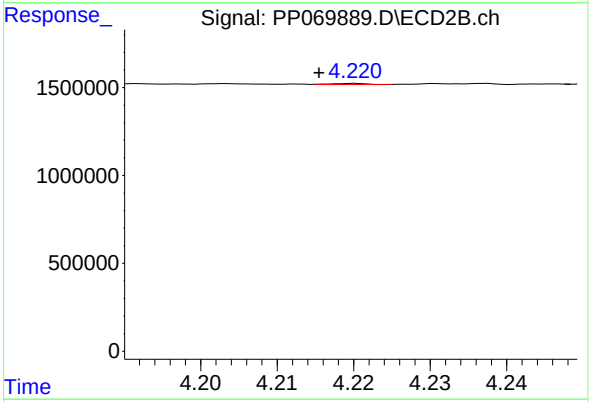
R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 17571
Conc: 0.60 ng/ml



#11 AR-1232-1

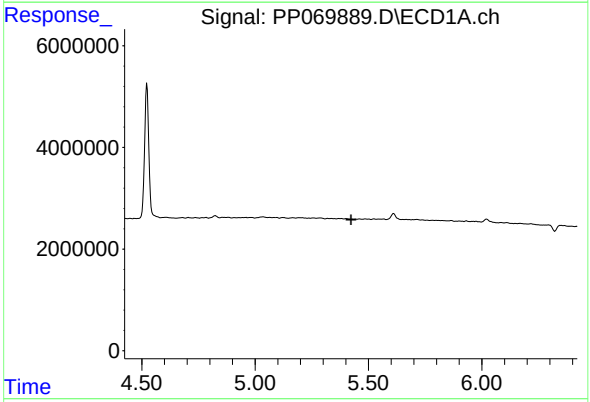
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



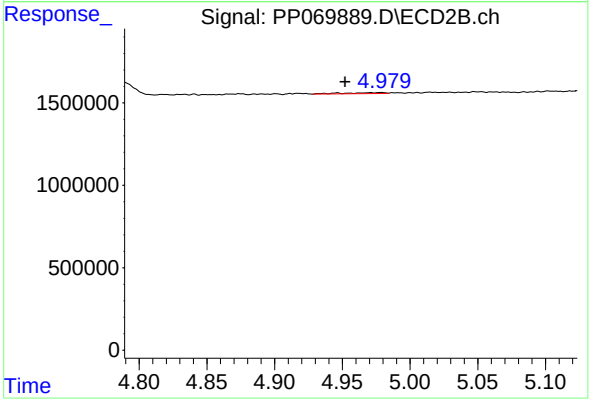
#11 AR-1232-1

R.T.: 4.220 min
Delta R.T.: 0.004 min
Response: 17571
Conc: 0.75 ng/ml



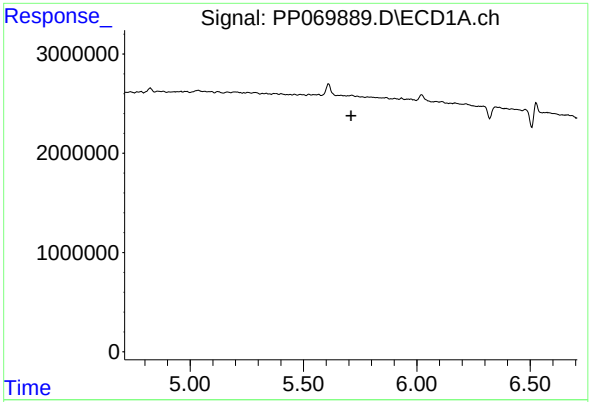
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

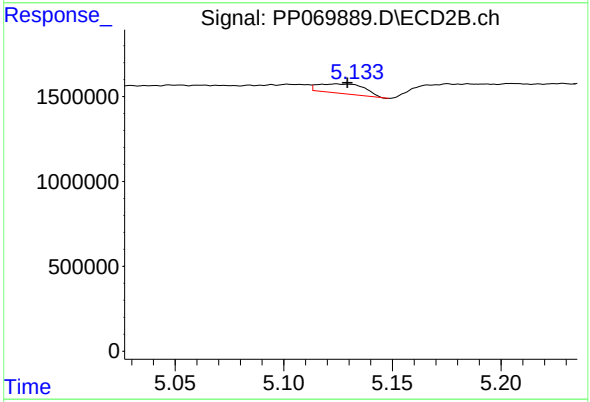
R.T.: 4.979 min
Delta R.T.: 0.027 min
Response: 129400
Conc: 5.49 ng/ml



#13 AR-1232-3

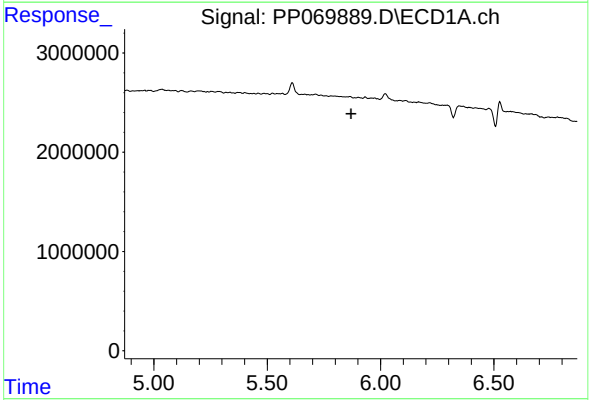
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



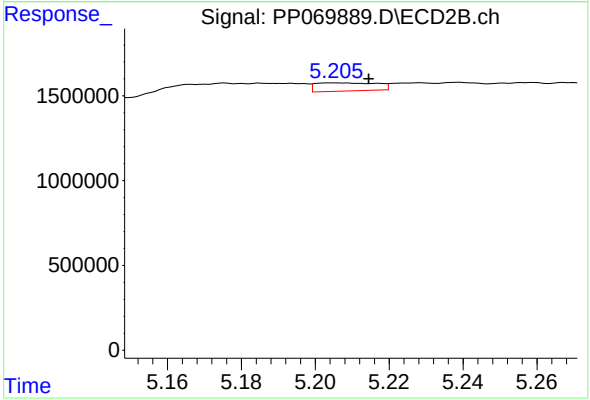
#13 AR-1232-3

R.T.: 5.124 min
Delta R.T.: -0.005 min
Response: 836220
Conc: 64.59 ng/ml



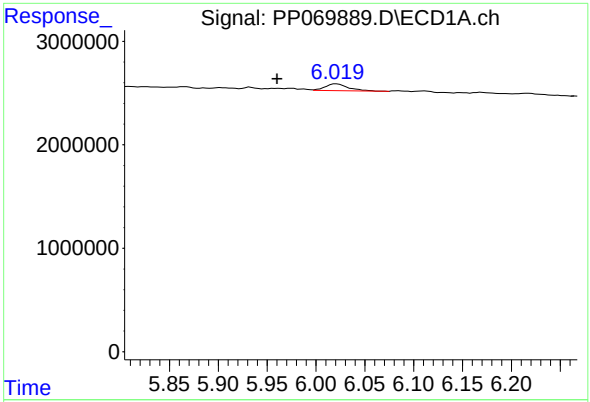
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

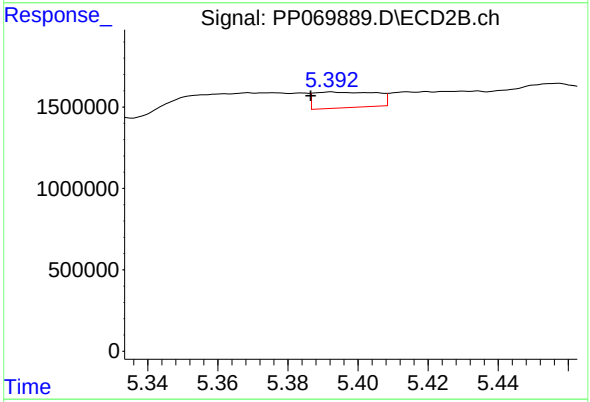
R.T.: 5.205 min
Delta R.T.: -0.009 min
Response: 559059
Conc: 50.43 ng/ml



#15 AR-1232-5

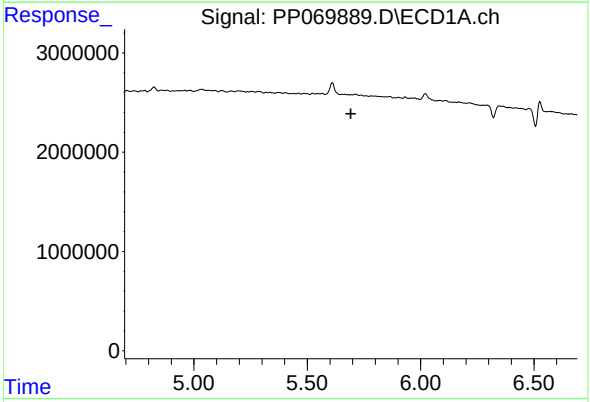
R.T.: 6.021 min
Delta R.T.: 0.061 min
Response: 1100250
Conc: 95.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



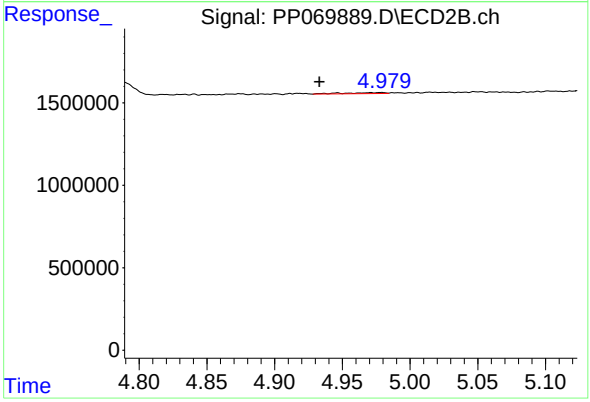
#15 AR-1232-5

R.T.: 5.393 min
Delta R.T.: 0.006 min
Response: 1189005
Conc: 97.38 ng/ml



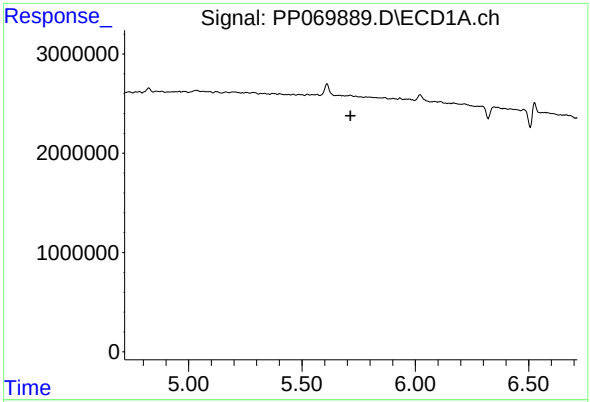
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

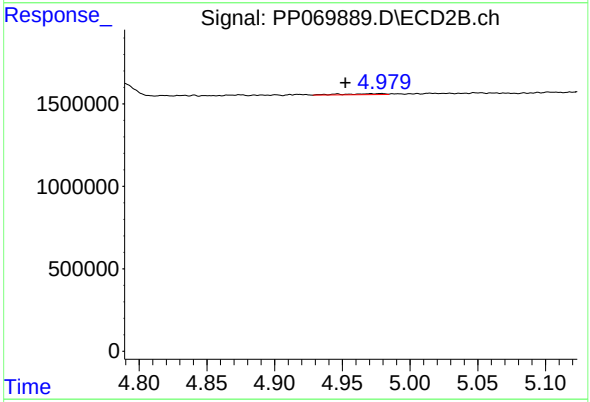
R.T.: 4.979 min
Delta R.T.: 0.046 min
Response: 129400
Conc: 4.49 ng/ml



#17 AR-1242-2

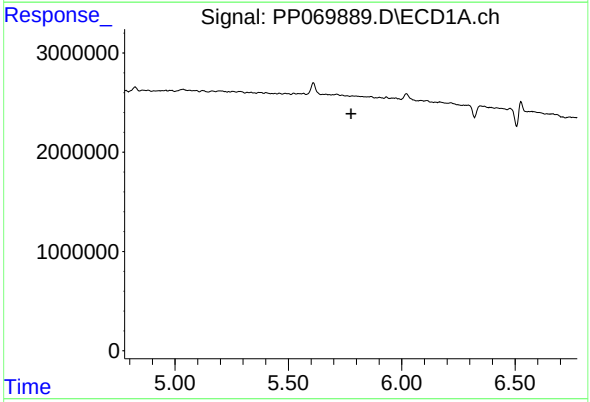
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



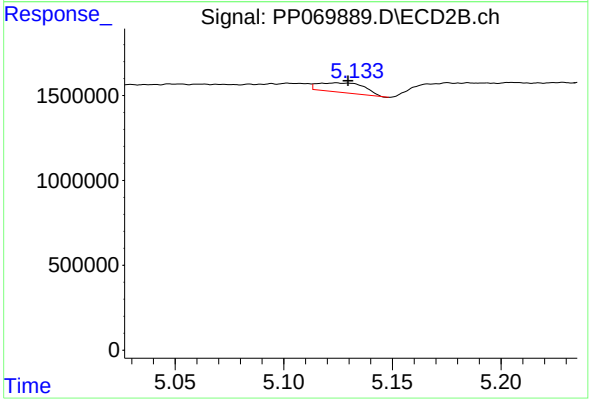
#17 AR-1242-2

R.T.: 4.979 min
Delta R.T.: 0.026 min
Response: 129400
Conc: 3.28 ng/ml



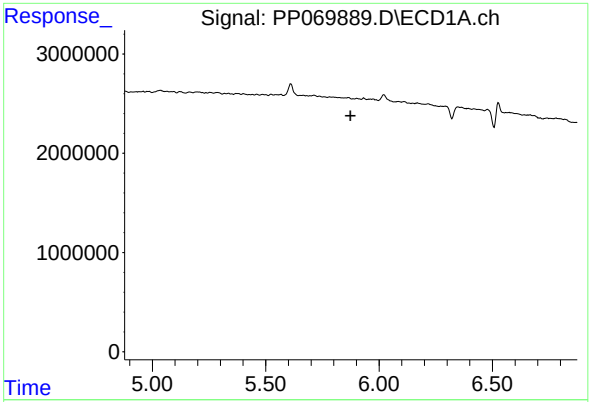
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

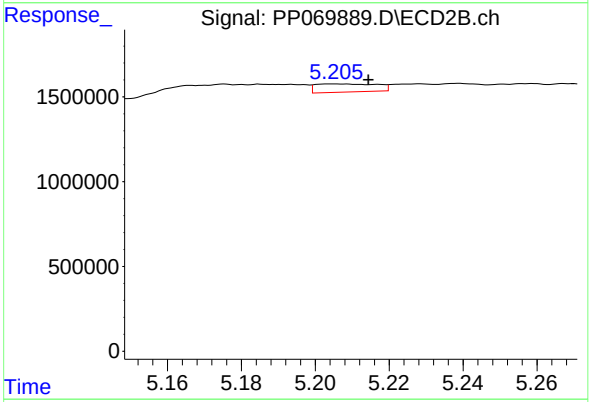
R.T.: 5.124 min
Delta R.T.: -0.005 min
Response: 836220
Conc: 37.16 ng/ml



#19 AR-1242-4

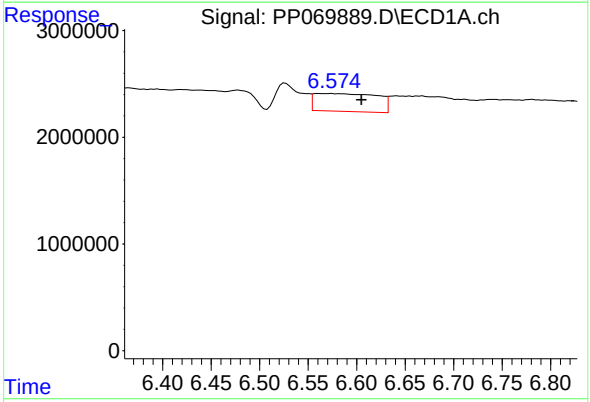
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



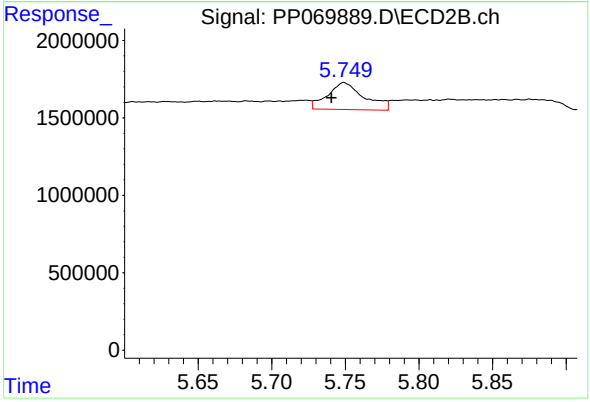
#19 AR-1242-4

R.T.: 5.205 min
Delta R.T.: -0.009 min
Response: 559059
Conc: 25.90 ng/ml



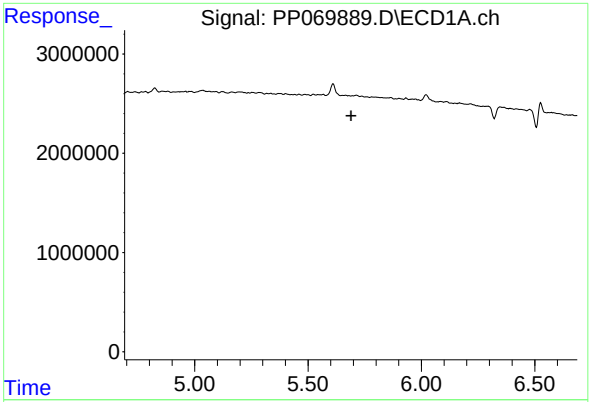
#20 AR-1242-5

R.T.: 6.574 min
Delta R.T.: -0.031 min
Response: 7549355
Conc: 231.69 ng/ml



#20 AR-1242-5

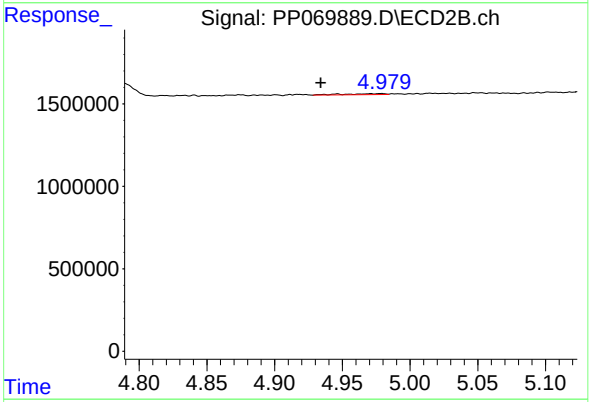
R.T.: 5.749 min
Delta R.T.: 0.009 min
Response: 3001949
Conc: 104.35 ng/ml



#21 AR-1248-1

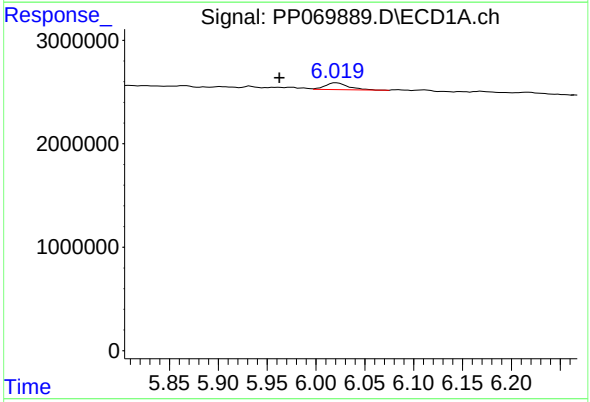
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



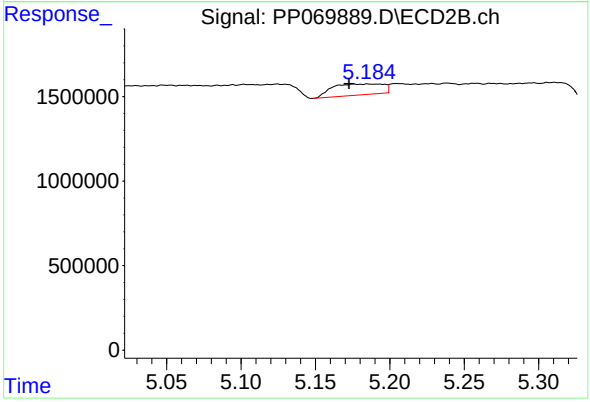
#21 AR-1248-1

R.T.: 4.979 min
Delta R.T.: 0.045 min
Response: 129400
Conc: 5.88 ng/ml



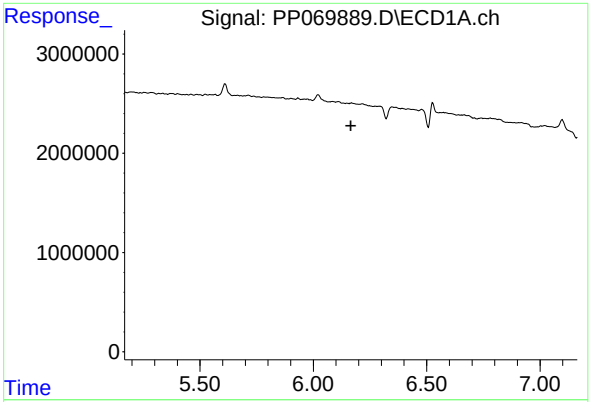
#22 AR-1248-2

R.T.: 6.021 min
Delta R.T.: 0.058 min
Response: 1100250
Conc: 25.92 ng/ml



#22 AR-1248-2

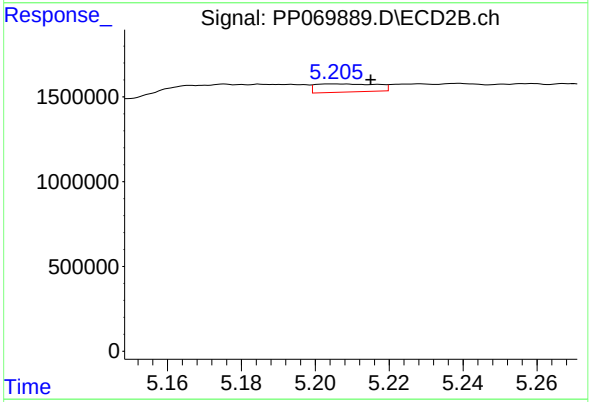
R.T.: 5.176 min
Delta R.T.: 0.003 min
Response: 1562883
Conc: 51.98 ng/ml



#23 AR-1248-3

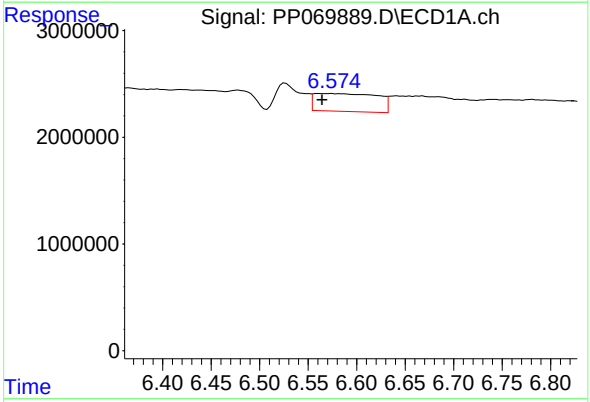
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



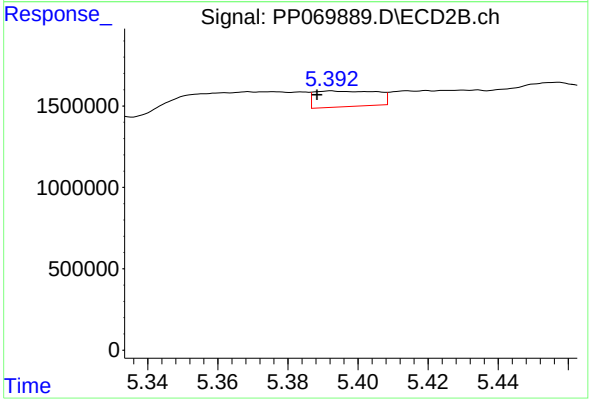
#23 AR-1248-3

R.T.: 5.205 min
Delta R.T.: -0.010 min
Response: 559059
Conc: 18.04 ng/ml



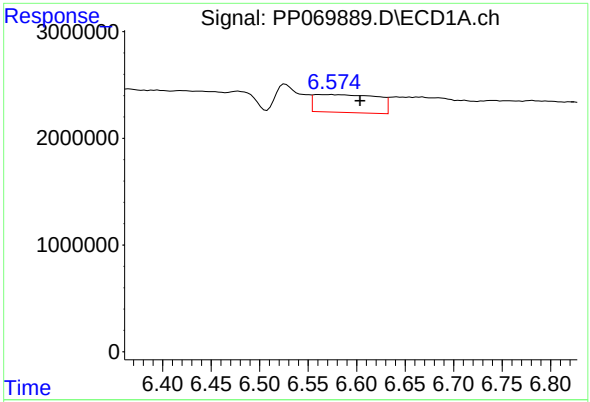
#24 AR-1248-4

R.T.: 6.574 min
Delta R.T.: 0.010 min
Response: 7549355
Conc: 136.96 ng/ml



#24 AR-1248-4

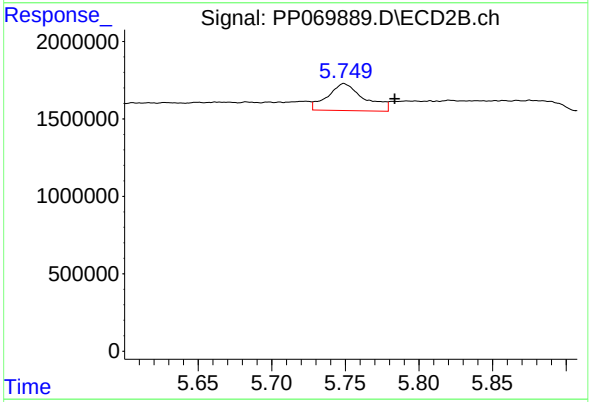
R.T.: 5.393 min
Delta R.T.: 0.004 min
Response: 1189005
Conc: 32.18 ng/ml



#25 AR-1248-5

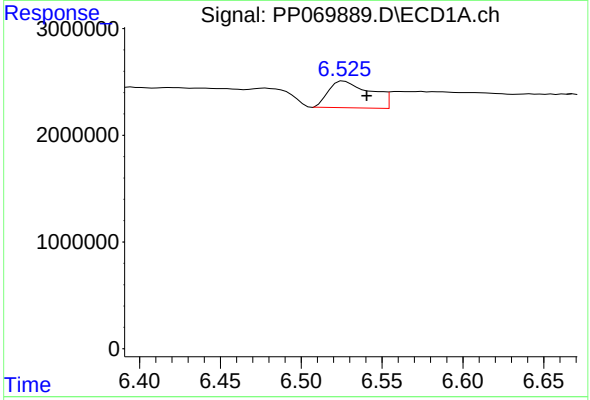
R.T.: 6.574 min
Delta R.T.: -0.029 min
Response: 7549355
Conc: 141.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



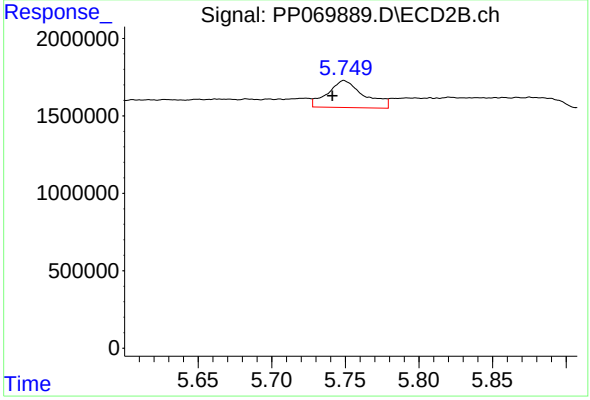
#25 AR-1248-5

R.T.: 5.749 min
Delta R.T.: -0.035 min
Response: 3001949
Conc: 80.29 ng/ml



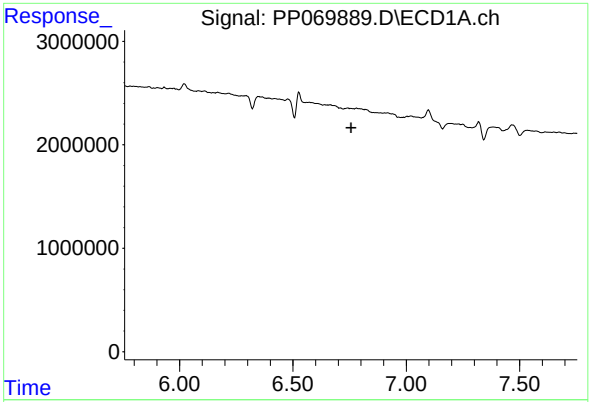
#26 AR-1254-1

R.T.: 6.527 min
Delta R.T.: -0.014 min
Response: 4530775
Conc: 78.30 ng/ml



#26 AR-1254-1

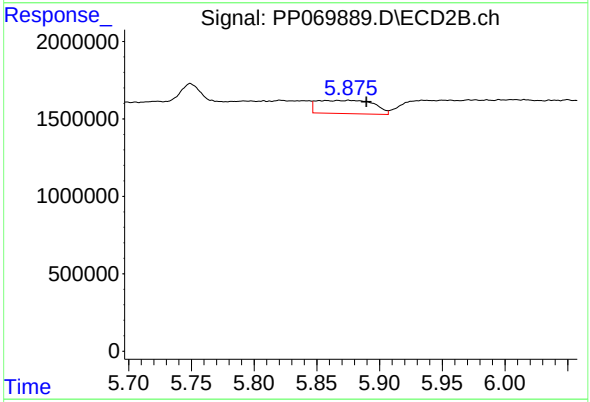
R.T.: 5.749 min
Delta R.T.: 0.008 min
Response: 3001949
Conc: 54.53 ng/ml



#27 AR-1254-2

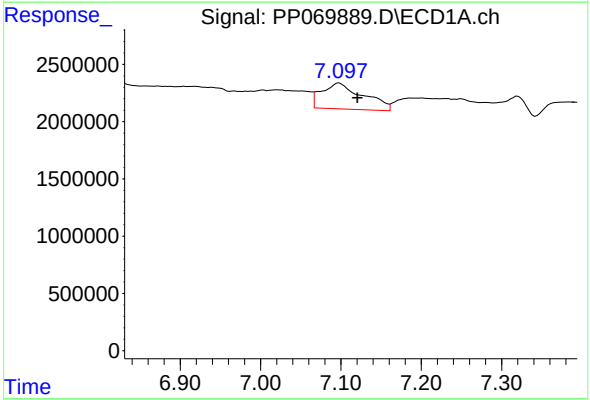
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



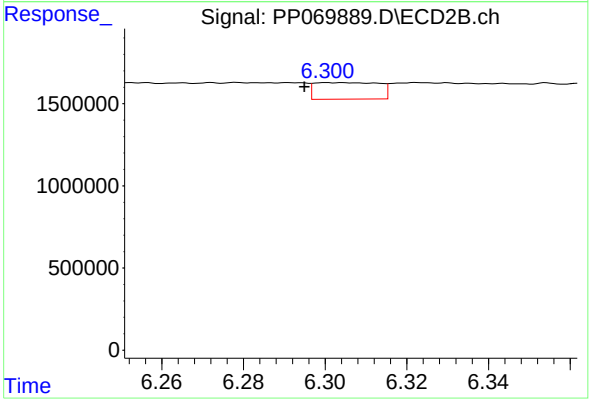
#27 AR-1254-2

R.T.: 5.858 min
Delta R.T.: -0.032 min
Response: 2681239
Conc: 55.43 ng/ml



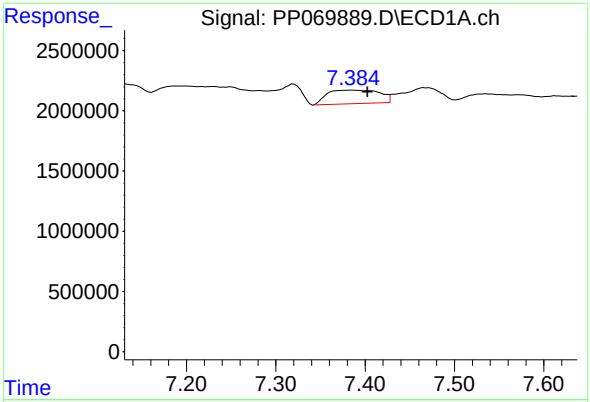
#28 AR-1254-3

R.T.: 7.098 min
Delta R.T.: -0.023 min
Response: 8198325
Conc: 97.27 ng/ml



#28 AR-1254-3

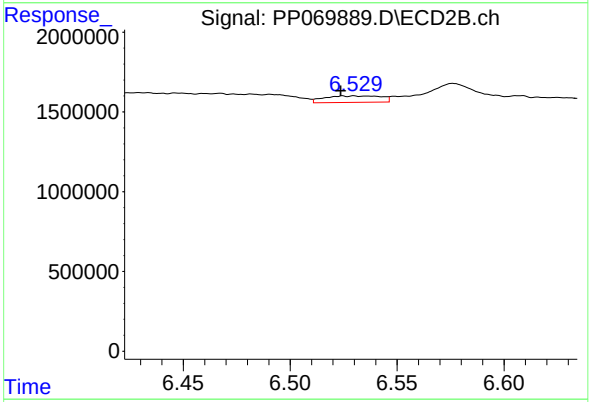
R.T.: 6.304 min
Delta R.T.: 0.009 min
Response: 1098609
Conc: 14.48 ng/ml



#29 AR-1254-4

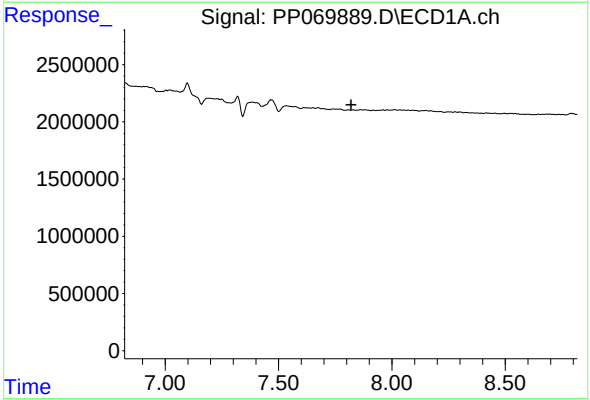
R.T.: 7.385 min
Delta R.T.: -0.018 min
Response: 4571547
Conc: 67.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



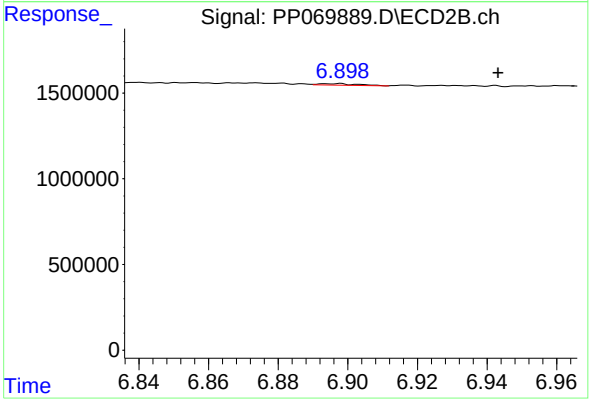
#29 AR-1254-4

R.T.: 6.530 min
Delta R.T.: 0.006 min
Response: 758154
Conc: 14.79 ng/ml



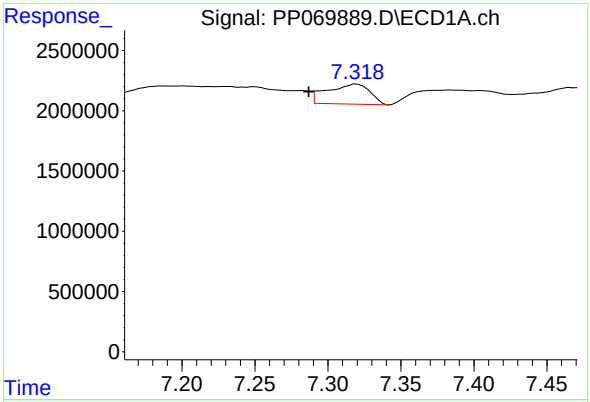
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

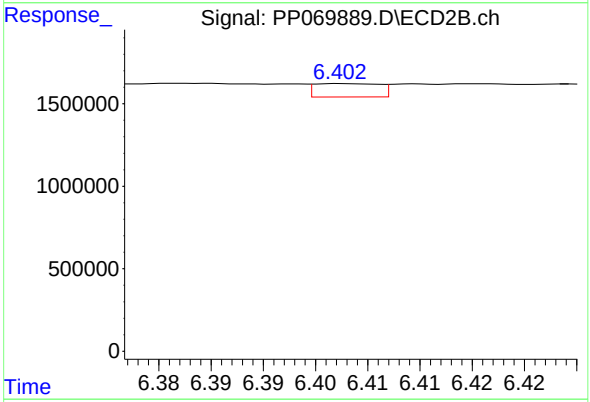
R.T.: 6.897 min
Delta R.T.: -0.046 min
Response: 65300
Conc: 0.98 ng/ml



#31 AR-1260-1

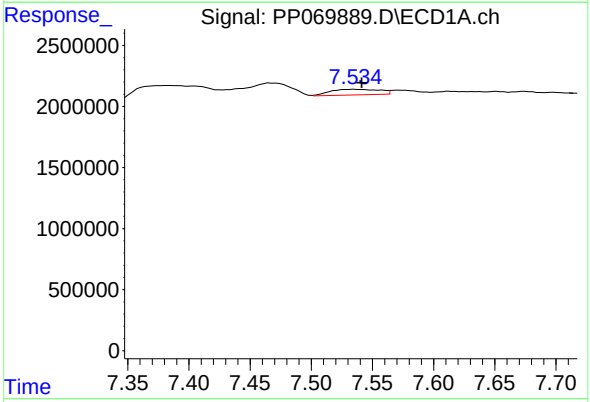
R.T.: 7.320 min
Delta R.T.: 0.033 min
Response: 3409919
Conc: 58.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



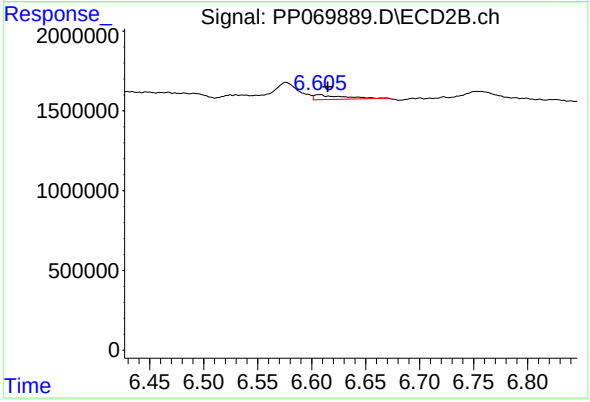
#31 AR-1260-1

R.T.: 6.403 min
Delta R.T.: -0.024 min
Response: 348197
Conc: 7.22 ng/ml



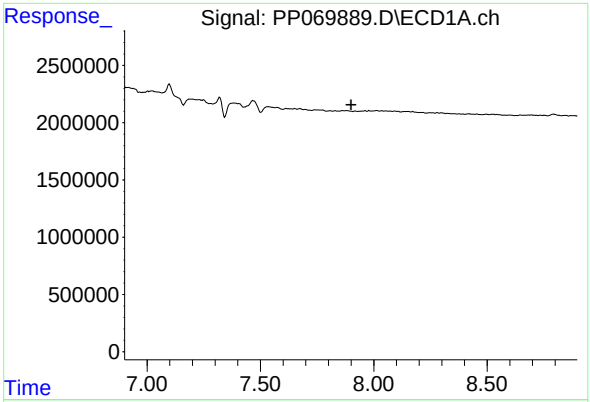
#32 AR-1260-2

R.T.: 7.535 min
Delta R.T.: -0.006 min
Response: 1299888
Conc: 16.71 ng/ml



#32 AR-1260-2

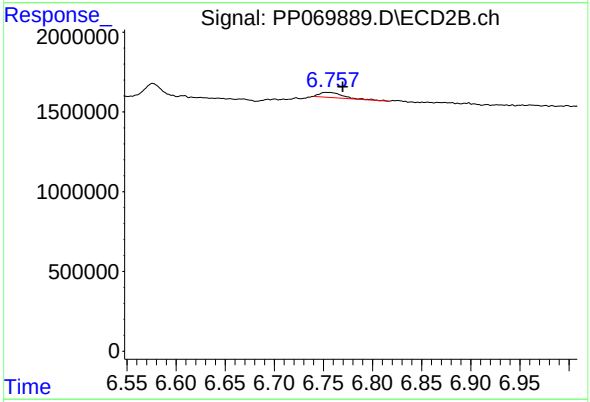
R.T.: 6.607 min
Delta R.T.: -0.008 min
Response: 539695
Conc: 8.80 ng/ml



#33 AR-1260-3

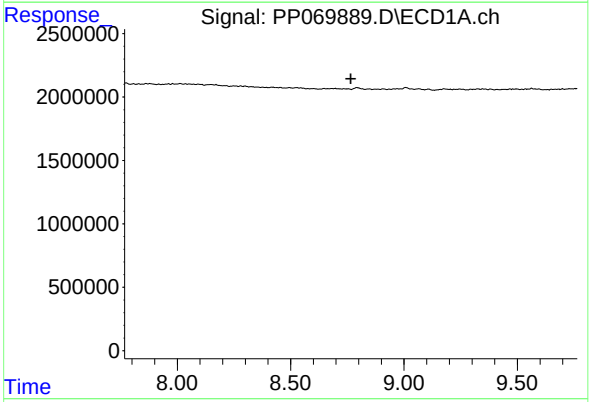
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



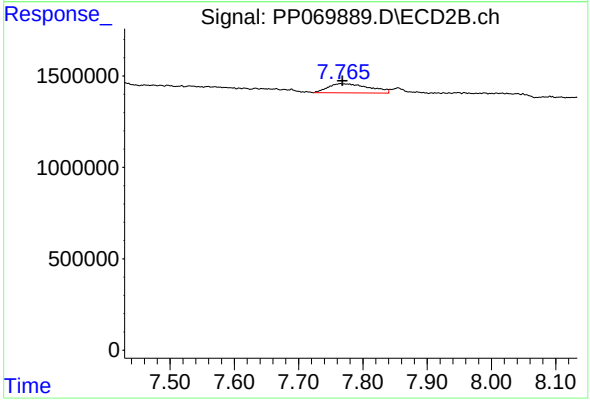
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 533194
Conc: 8.86 ng/ml



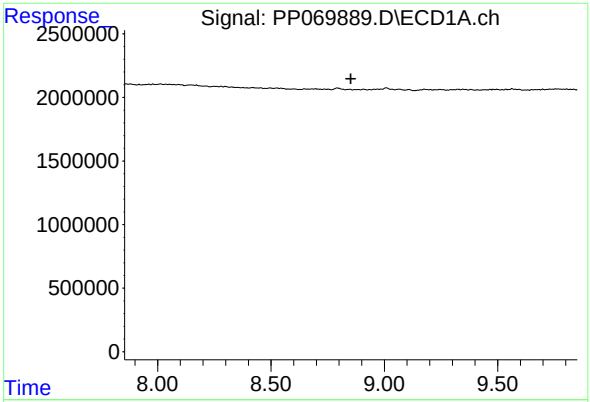
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

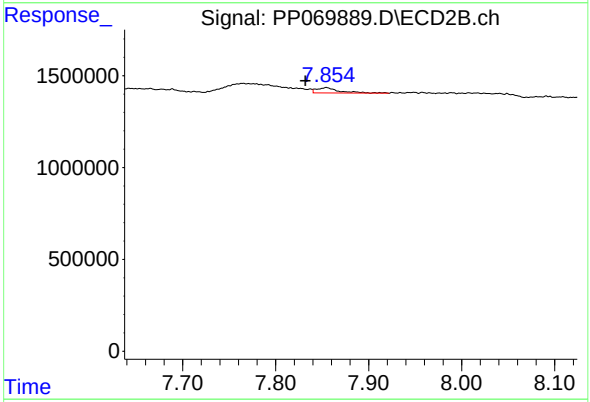
R.T.: 7.765 min
Delta R.T.: -0.004 min
Response: 2222390
Conc: 42.49 ng/ml



#39 AR-1262-4

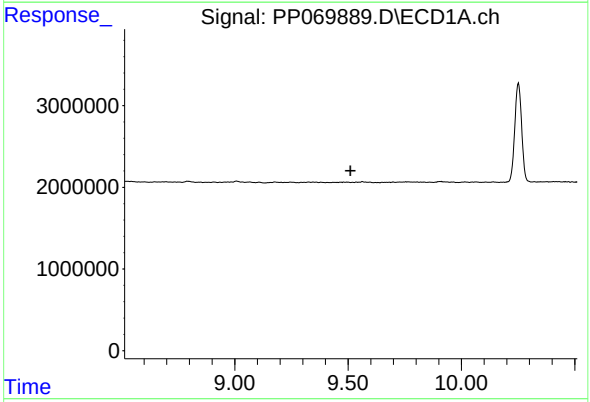
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



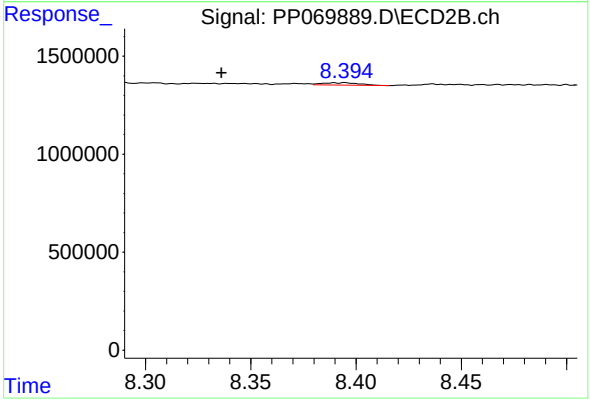
#39 AR-1262-4

R.T.: 7.855 min
Delta R.T.: 0.023 min
Response: 478485
Conc: 5.18 ng/ml



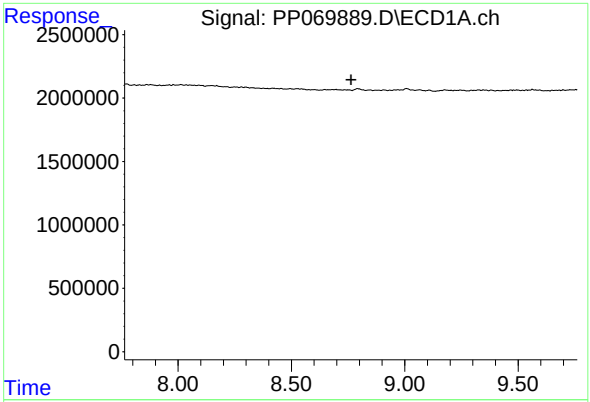
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

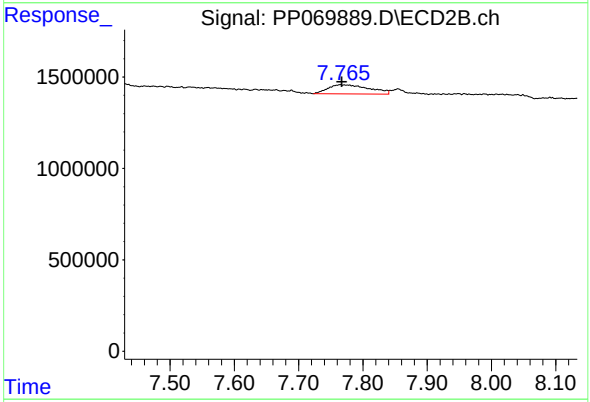
R.T.: 8.395 min
Delta R.T.: 0.059 min
Response: 151482
Conc: 3.17 ng/ml



#41 AR-1268-1

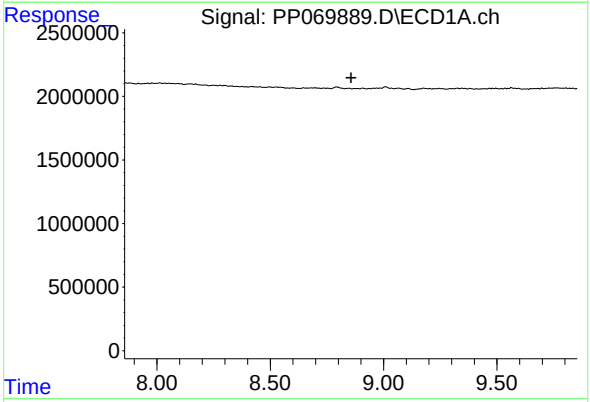
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



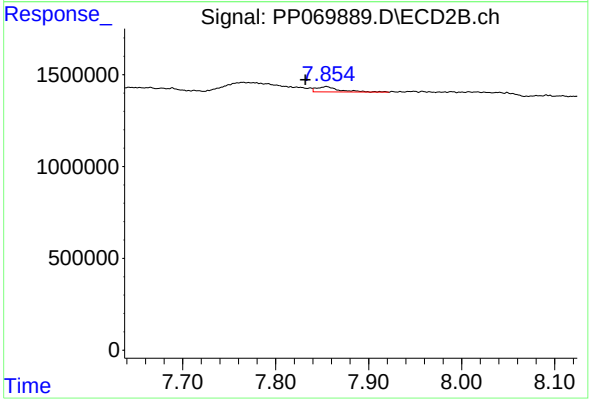
#41 AR-1268-1

R.T.: 7.765 min
Delta R.T.: -0.002 min
Response: 2222390
Conc: 15.31 ng/ml



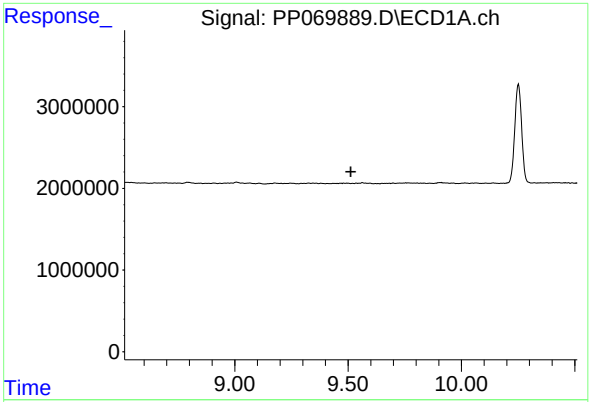
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

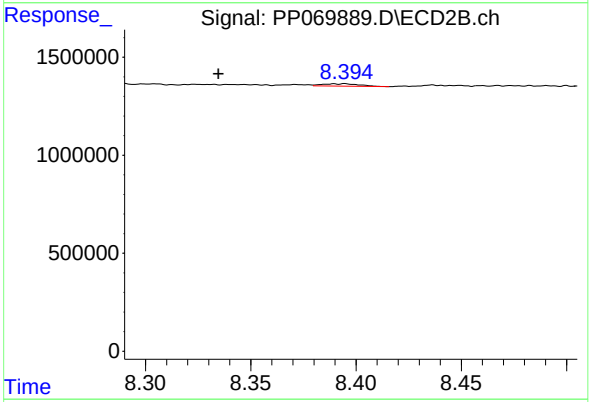
R.T.: 7.855 min
Delta R.T.: 0.023 min
Response: 478485
Conc: 3.60 ng/ml



#44 AR-1268-4

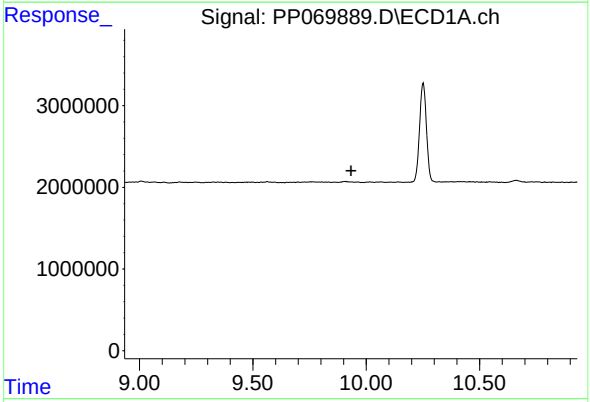
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



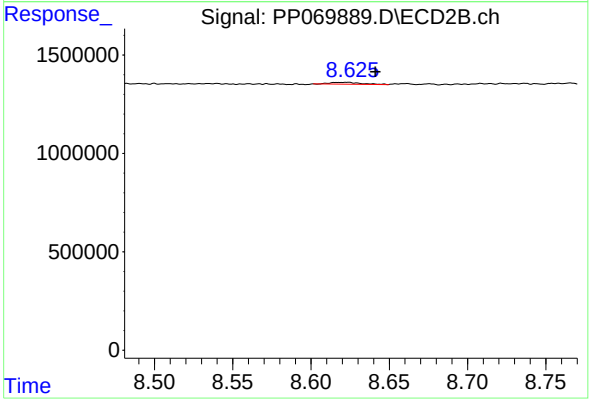
#44 AR-1268-4

R.T.: 8.395 min
Delta R.T.: 0.060 min
Response: 151482
Conc: 2.91 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.623 min
Delta R.T.: -0.018 min
Response: 123908
Conc: 0.35 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:28
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:55:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.525	3.830	76838004	44256284	53.677	49.585	
2)	SA Decachlor...	10.252	8.887	58339347	55062269	53.380	49.229	
	Target Compounds							
3)	L1 AR-1016-1	5.700	4.938	36383290	22152367	785.257	679.207	
4)	L1 AR-1016-2	5.700	4.938	36383290	22152367	536.016	492.730	
5)	L1 AR-1016-3	5.763	5.116	22096220	12537457	518.732	503.836	
6)	L1 AR-1016-4	5.860	5.158	18575160	9326173	530.712	461.777	
7)	L1 AR-1016-5	6.153	5.373	16164285	15655765	488.959	583.650	
8)	L2 AR-1221-1	4.722	4.040	2310578	1784008	121.485	144.829	
9)	L2 AR-1221-2	4.813	4.129	4019129	2700696	293.528	278.900	
10)	L2 AR-1221-3	4.887	4.204	14015138	9430512	334.144	323.249	
11)	L3 AR-1232-1	4.887	4.204	14015138	9430512	420.956	401.649	
12)	L3 AR-1232-2	5.413	4.938	17339818	22152367	1061.058	939.784	
13)	L3 AR-1232-3	5.700	5.116	36383290	12537457	1058.917	968.349	
14)	L3 AR-1232-4	5.860	5.200	18575160	11999735	1042.600	1082.392	
15)	L3 AR-1232-5	5.950	5.373	15797488	15655765	1378.199	1282.175	
16)	L4 AR-1242-1	5.700	4.938	36383290	22152367	872.391	768.325	
17)	L4 AR-1242-2	5.700	4.938	36383290	22152367	616.761	562.275	
18)	L4 AR-1242-3	5.763	5.116	22096220	12537457	595.608	557.119	
19)	L4 AR-1242-4	5.860	5.200	18575160	11999735	566.408	556.000	
20)	L4 AR-1242-5	6.591	5.726	8867931	13812524	272.153	480.129	#
21)	L5 AR-1248-1	5.700	4.938	36383290	22152367	1121.589	1006.443	
22)	L5 AR-1248-2	5.950	5.158	15797488	9326173	372.175	310.205	
23)	L5 AR-1248-3	6.153	5.200	16164285	11999735	344.015	387.284	
24)	L5 AR-1248-4	6.591	5.373	8867931	15655765	160.880	423.774	#
25)	L5 AR-1248-5	6.591	5.768	8867931	3841568	166.117	102.745	#
26)	L6 AR-1254-1	6.528	5.726	23290760	13812524	402.511	250.882	#
27)	L6 AR-1254-2	6.744	5.874	17079942	10619054	212.856	219.543	
28)	L6 AR-1254-3	7.107	6.296	10446441	25828580	123.937	340.315	#
29)	L6 AR-1254-4	7.390	6.538	8678937	6923692	127.280	135.097	
30)	L6 AR-1254-5	7.805	6.926	43760850	32425347	643.105	487.156	
31)	L7 AR-1260-1	7.272	6.410	32506173	26192249	556.267	543.075	
32)	L7 AR-1260-2	7.526	6.599	40795883	33361092	524.282	544.194	
33)	L7 AR-1260-3	7.884	6.753	33344400	18433816	533.346	306.431	#
34)	L7 AR-1260-4	8.109	7.225	33116156	24459480	501.937	526.376	
35)	L7 AR-1260-5	8.429	7.466	67316487	59692122	514.157	537.065	
36)	L8 AR-1262-1	8.109	6.965	33116156	29026730	419.095	408.751	
37)	L8 AR-1262-2	8.429	7.225	67316487	24459480	440.198	401.110	
38)	L8 AR-1262-3	8.753	7.750	43306887	15466451	407.480	295.730	#
39)	L8 AR-1262-4	8.831	7.813	28124456	42461465	343.849	459.358	#
40)	L8 AR-1262-5	9.490	8.316	20692982	17819582	365.535	372.855	
41)	L9 AR-1268-1	8.753	7.750	43306887	15466451	245.256	106.575	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:28
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:55:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.831	7.813	28124456	42461465	178.714	319.702 #
43) L9	AR-1268-3	9.070	8.022	1001104	797164	7.486	7.009
44) L9	AR-1268-4	9.490	8.316	20692982	17819582	352.396	342.171
45) L9	AR-1268-5	9.908	8.619	5513904	4664908	14.476	13.097

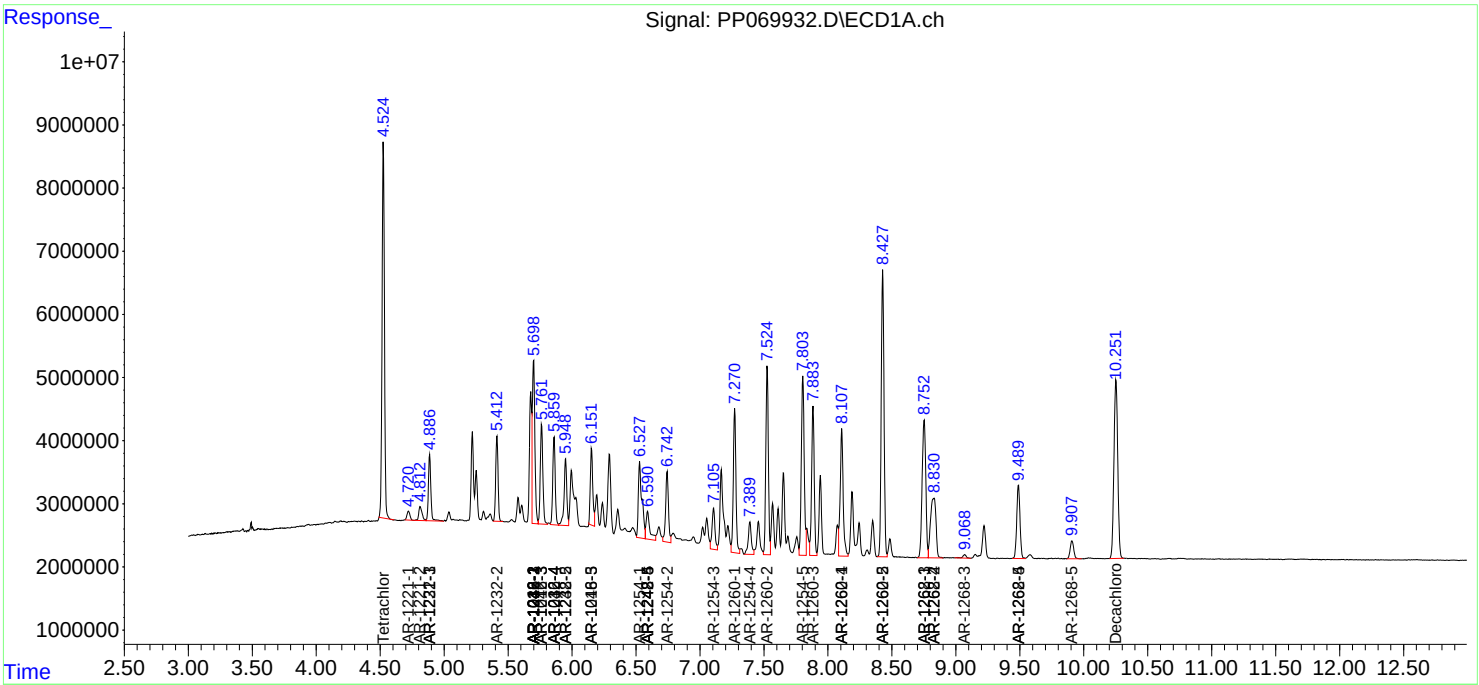
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

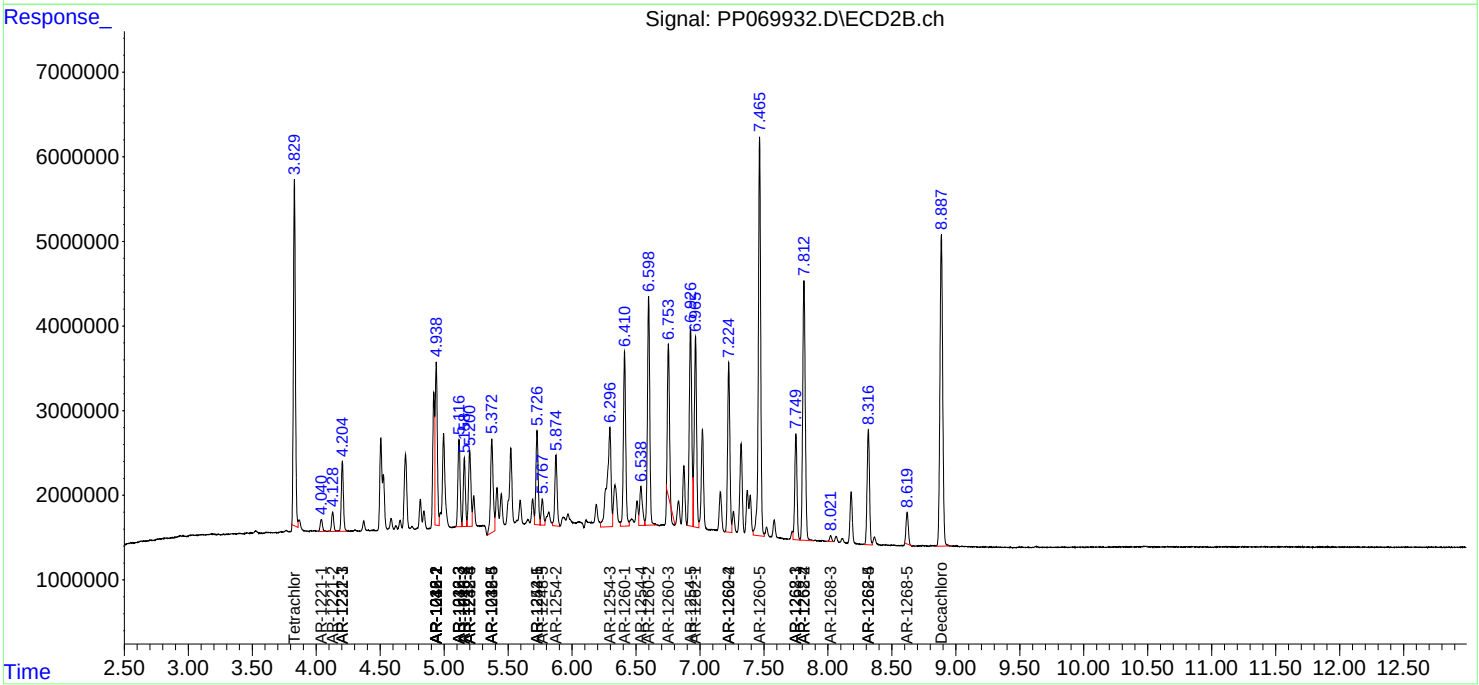
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069932.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 21:28
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

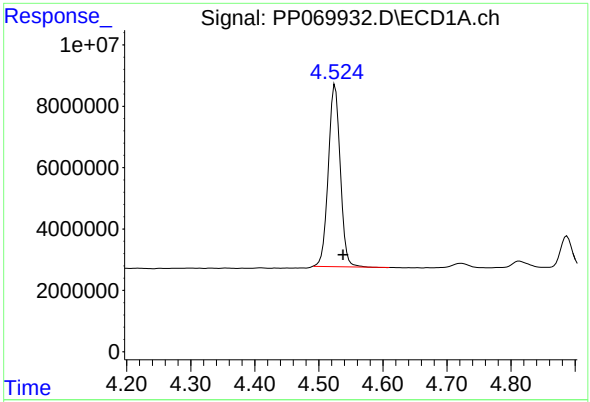
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:55:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



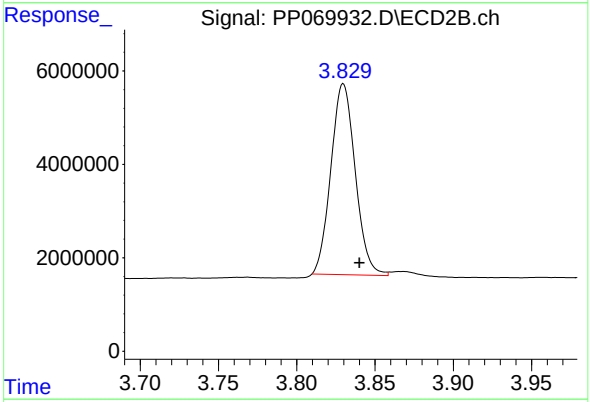




#1 Tetrachloro-m-xylene

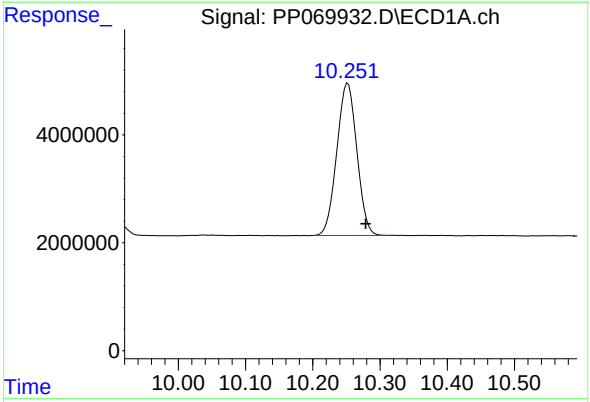
R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 76838004
Conc: 53.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



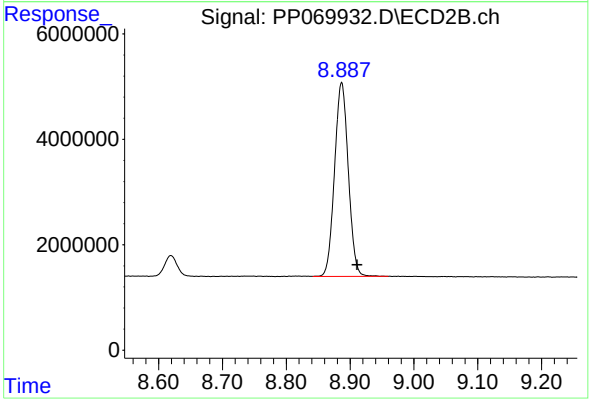
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 44256284
Conc: 49.58 ng/ml



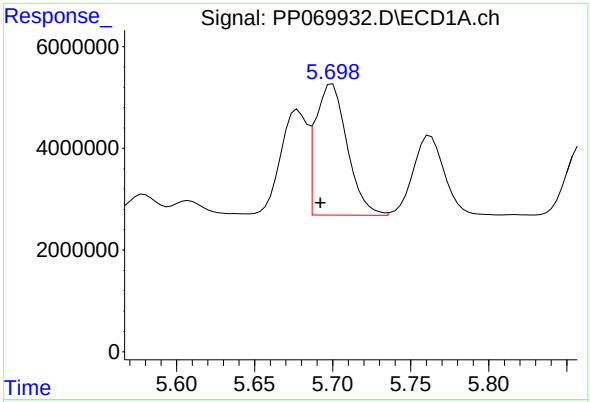
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.026 min
Response: 58339347
Conc: 53.38 ng/ml



#2 Decachlorobiphenyl

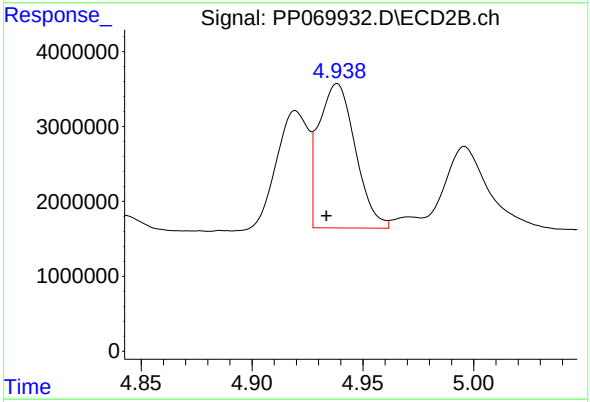
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 55062269
Conc: 49.23 ng/ml



#3 AR-1016-1

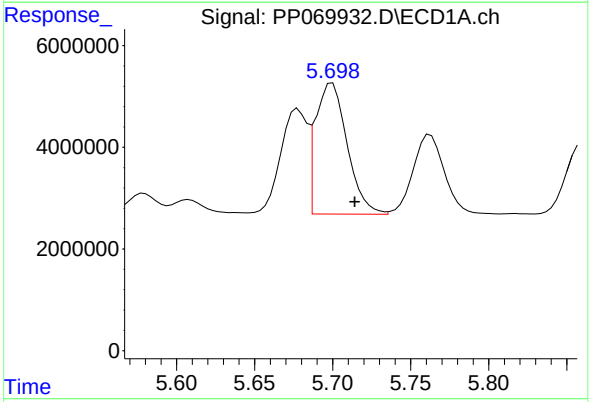
R.T.: 5.700 min
Delta R.T.: 0.008 min
Response: 36383290
Conc: 785.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



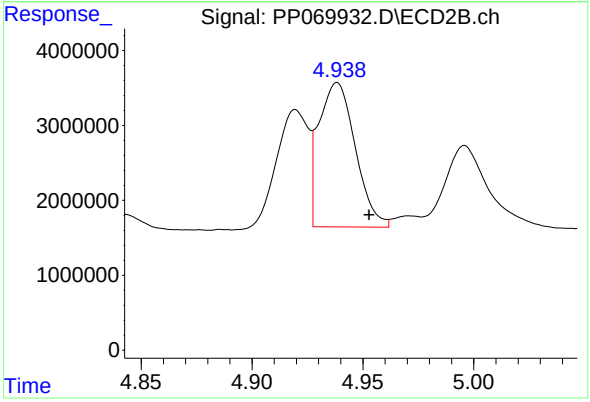
#3 AR-1016-1

R.T.: 4.938 min
Delta R.T.: 0.005 min
Response: 22152367
Conc: 679.21 ng/ml



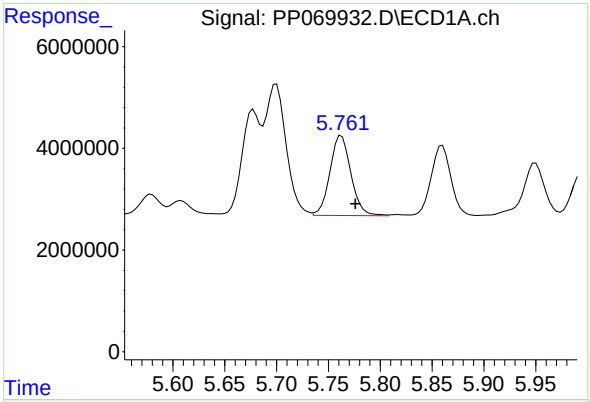
#4 AR-1016-2

R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 36383290
Conc: 536.02 ng/ml



#4 AR-1016-2

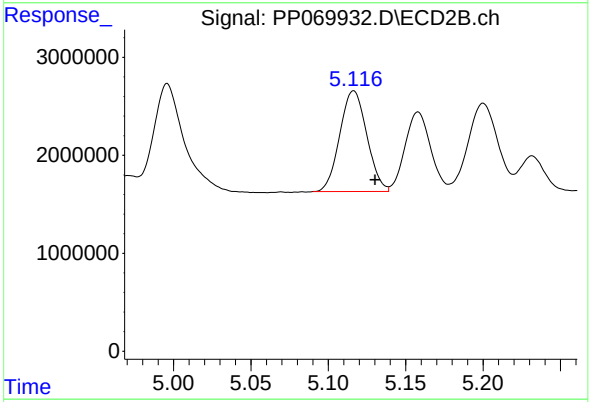
R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 22152367
Conc: 492.73 ng/ml



#5 AR-1016-3

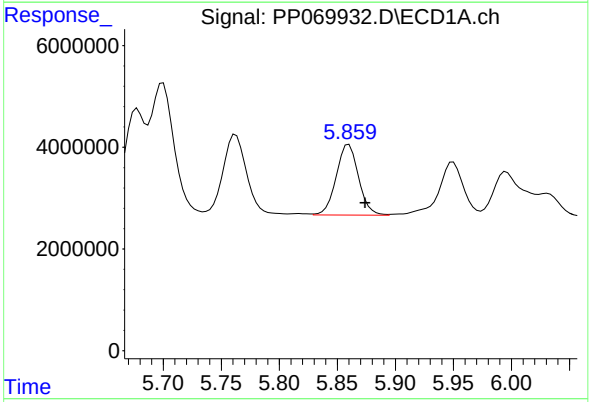
R.T.: 5.763 min
Delta R.T.: -0.014 min
Response: 22096220
Conc: 518.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



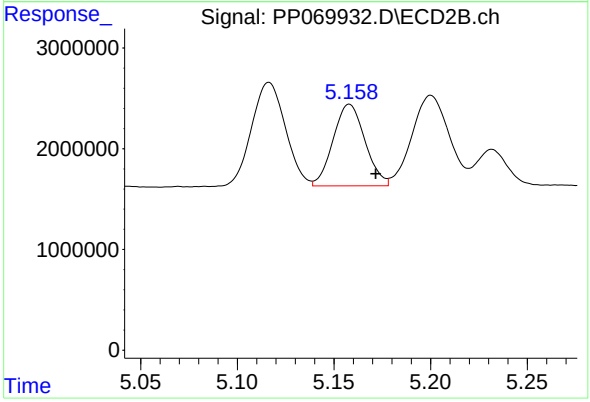
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 12537457
Conc: 503.84 ng/ml



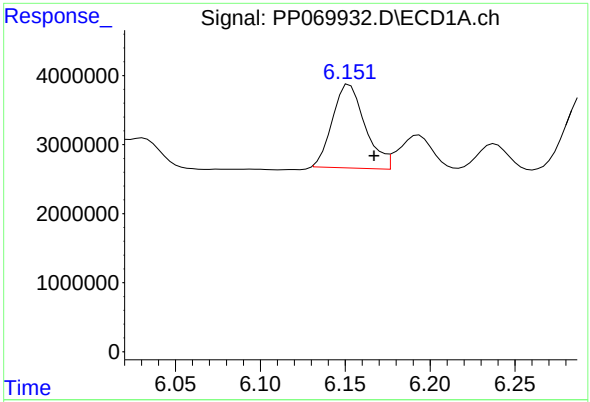
#6 AR-1016-4

R.T.: 5.860 min
Delta R.T.: -0.014 min
Response: 18575160
Conc: 530.71 ng/ml



#6 AR-1016-4

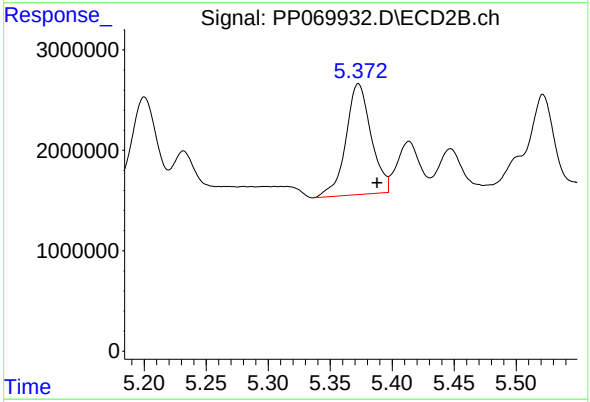
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9326173
Conc: 461.78 ng/ml



#7 AR-1016-5

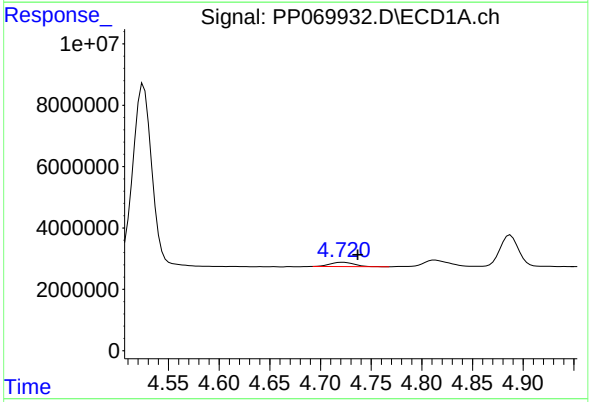
R.T.: 6.153 min
Delta R.T.: -0.014 min
Response: 16164285
Conc: 488.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



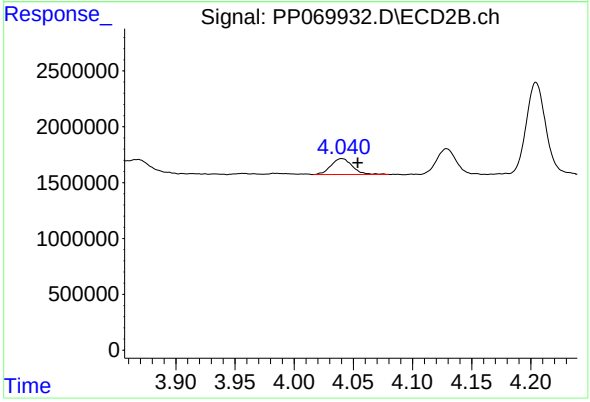
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 15655765
Conc: 583.65 ng/ml



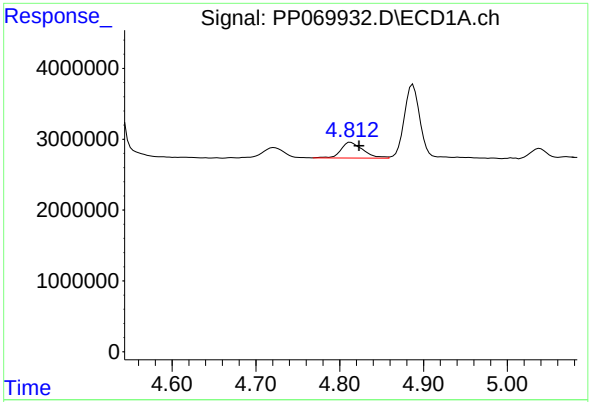
#8 AR-1221-1

R.T.: 4.722 min
Delta R.T.: -0.015 min
Response: 2310578
Conc: 121.48 ng/ml



#8 AR-1221-1

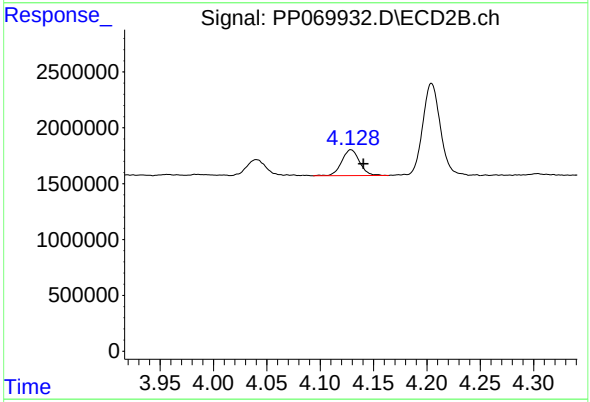
R.T.: 4.040 min
Delta R.T.: -0.013 min
Response: 1784008
Conc: 144.83 ng/ml



#9 AR-1221-2

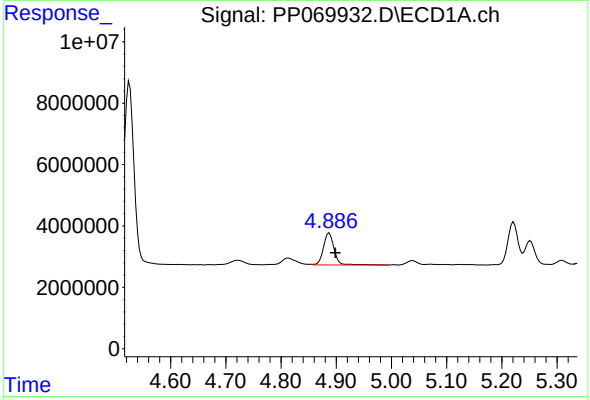
R.T.: 4.813 min
Delta R.T.: -0.010 min
Response: 4019129
Conc: 293.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



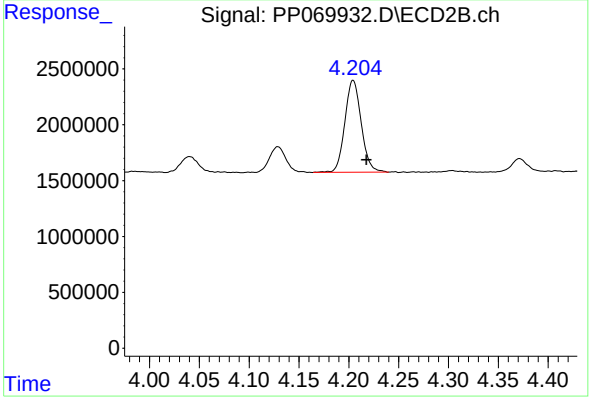
#9 AR-1221-2

R.T.: 4.129 min
Delta R.T.: -0.012 min
Response: 2700696
Conc: 278.90 ng/ml



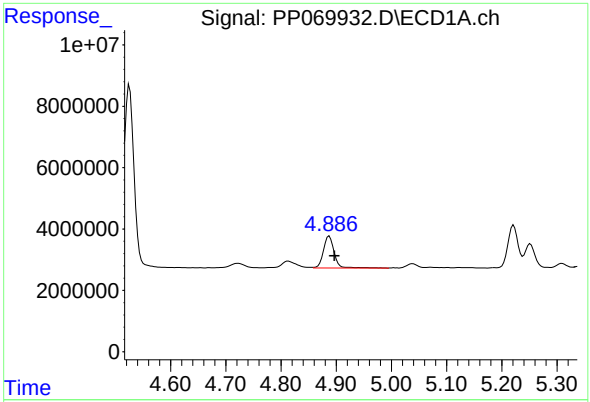
#10 AR-1221-3

R.T.: 4.887 min
Delta R.T.: -0.011 min
Response: 14015138
Conc: 334.14 ng/ml



#10 AR-1221-3

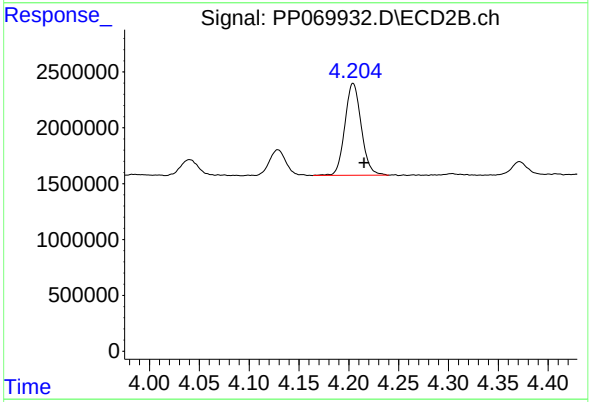
R.T.: 4.204 min
Delta R.T.: -0.013 min
Response: 9430512
Conc: 323.25 ng/ml



#11 AR-1232-1

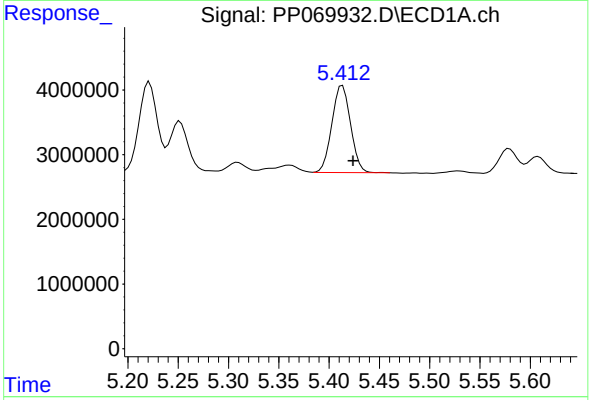
R.T.: 4.887 min
Delta R.T.: -0.009 min
Response: 14015138
Conc: 420.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



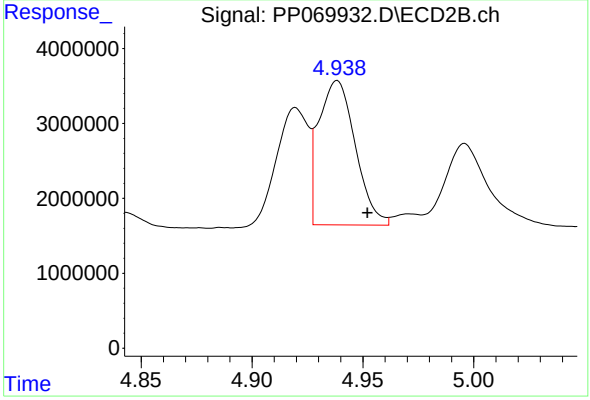
#11 AR-1232-1

R.T.: 4.204 min
Delta R.T.: -0.011 min
Response: 9430512
Conc: 401.65 ng/ml



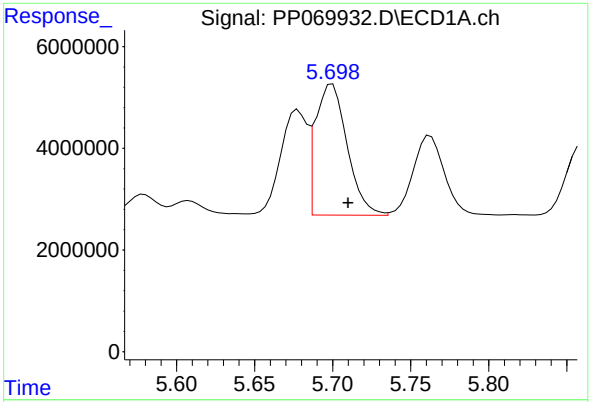
#12 AR-1232-2

R.T.: 5.413 min
Delta R.T.: -0.010 min
Response: 17339818
Conc: 1061.06 ng/ml



#12 AR-1232-2

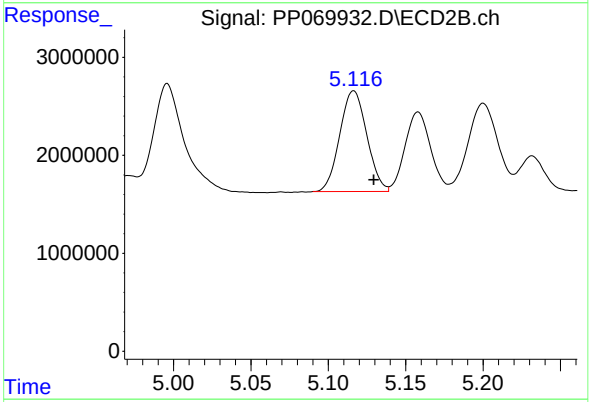
R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 22152367
Conc: 939.78 ng/ml



#13 AR-1232-3

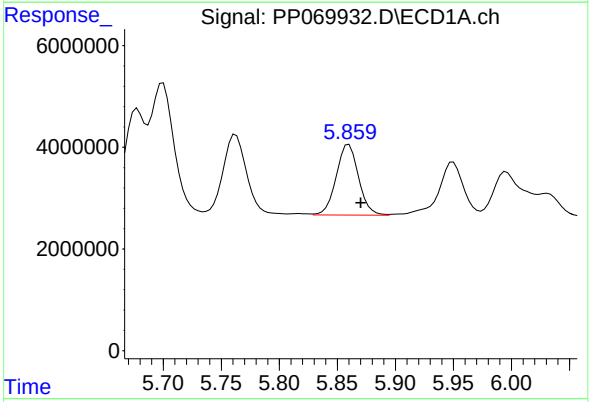
R.T.: 5.700 min
Delta R.T.: -0.010 min
Response: 36383290
Conc: 1058.92 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



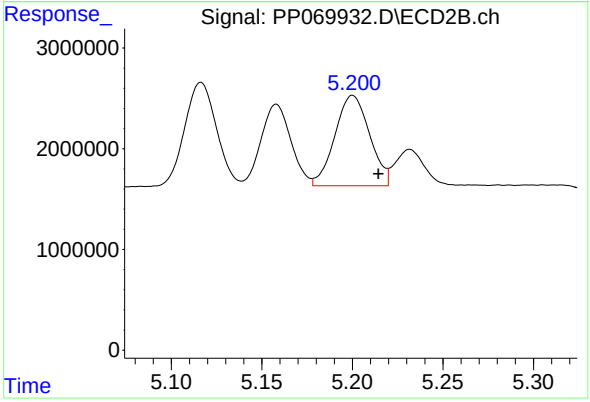
#13 AR-1232-3

R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 12537457
Conc: 968.35 ng/ml



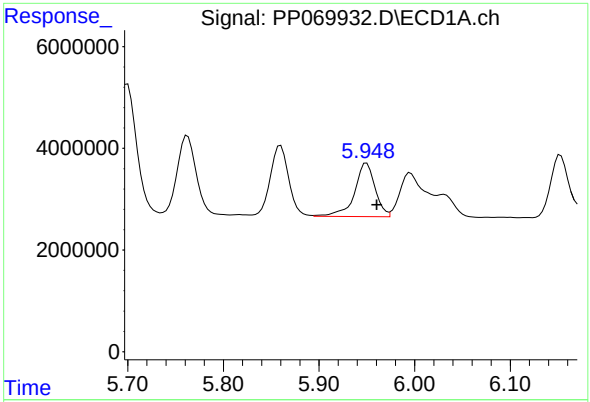
#14 AR-1232-4

R.T.: 5.860 min
Delta R.T.: -0.010 min
Response: 18575160
Conc: 1042.60 ng/ml



#14 AR-1232-4

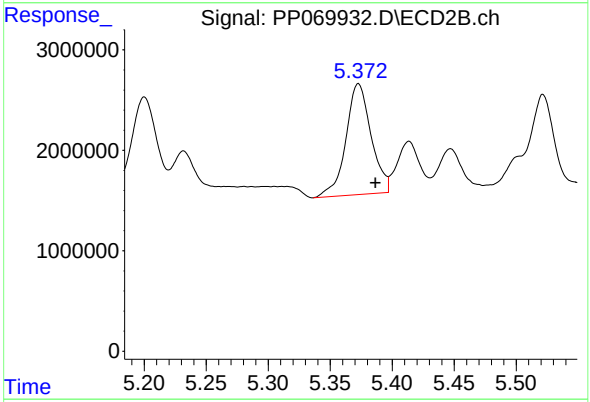
R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 11999735
Conc: 1082.39 ng/ml



#15 AR-1232-5

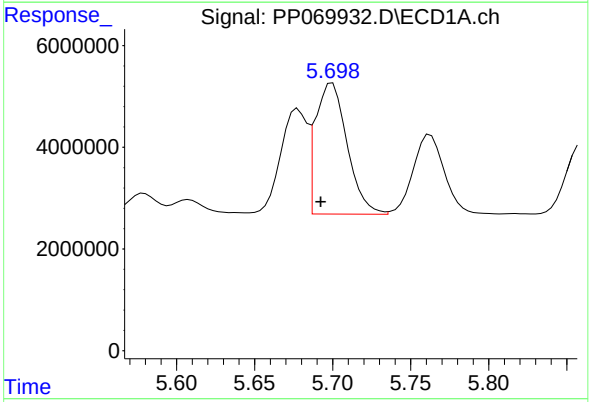
R.T.: 5.950 min
Delta R.T.: -0.010 min
Response: 15797488
Conc: 1378.20 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



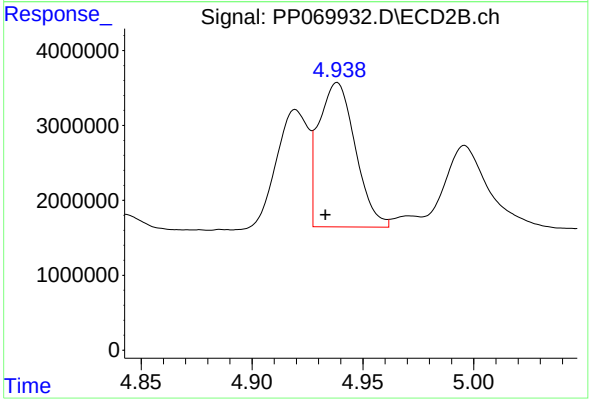
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 15655765
Conc: 1282.17 ng/ml



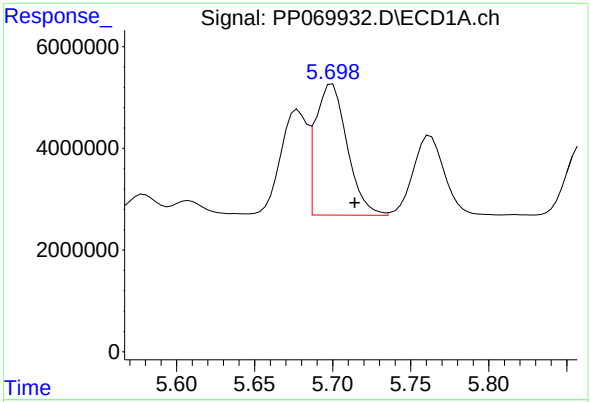
#16 AR-1242-1

R.T.: 5.700 min
Delta R.T.: 0.007 min
Response: 36383290
Conc: 872.39 ng/ml



#16 AR-1242-1

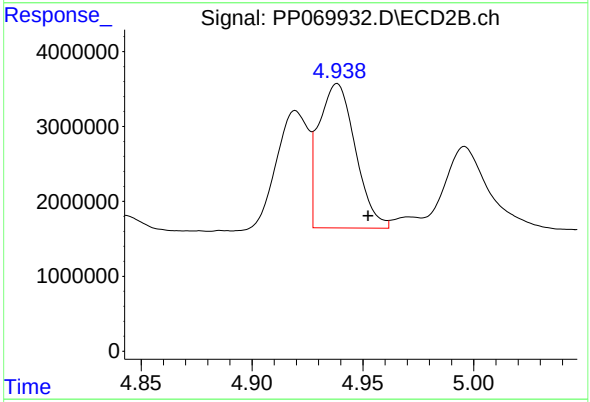
R.T.: 4.938 min
Delta R.T.: 0.005 min
Response: 22152367
Conc: 768.33 ng/ml



#17 AR-1242-2

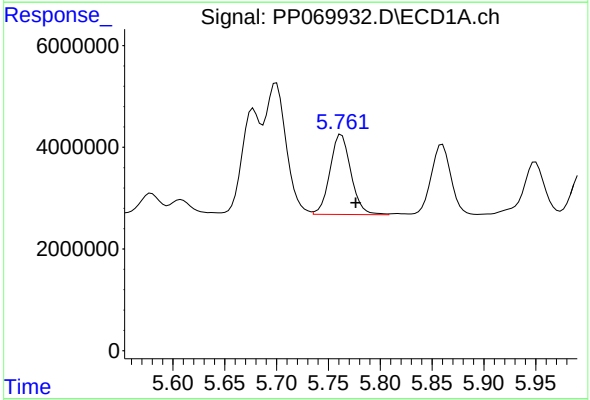
R.T.: 5.700 min
Delta R.T.: -0.014 min
Response: 36383290
Conc: 616.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



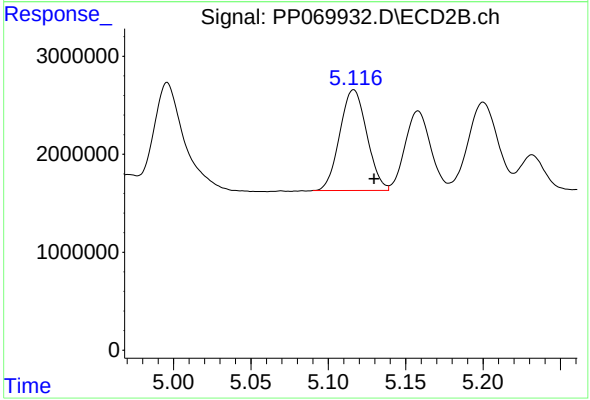
#17 AR-1242-2

R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 22152367
Conc: 562.28 ng/ml



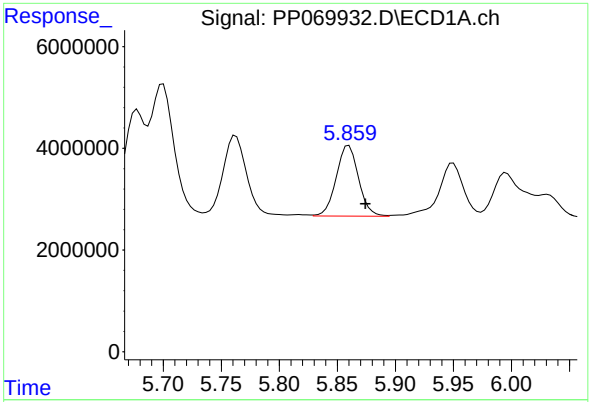
#18 AR-1242-3

R.T.: 5.763 min
Delta R.T.: -0.014 min
Response: 22096220
Conc: 595.61 ng/ml



#18 AR-1242-3

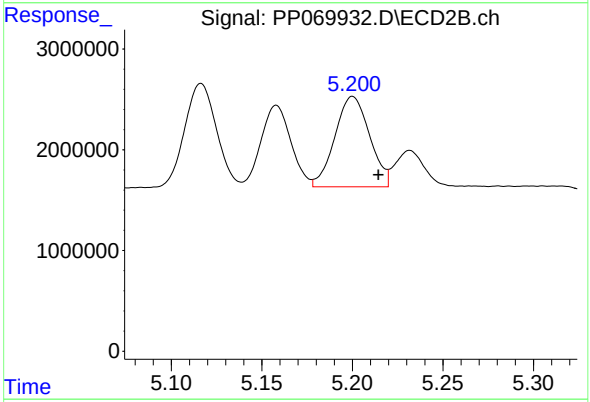
R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 12537457
Conc: 557.12 ng/ml



#19 AR-1242-4

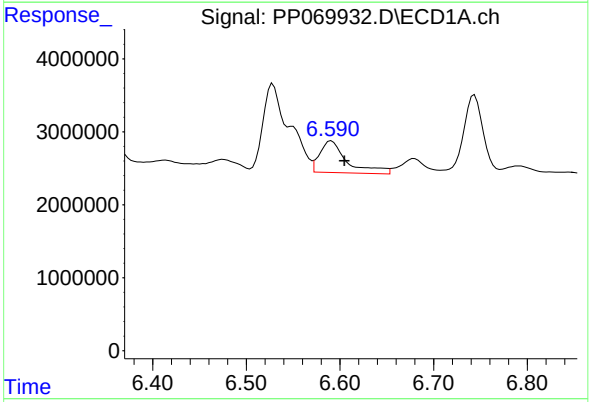
R.T.: 5.860 min
Delta R.T.: -0.014 min
Response: 18575160
Conc: 566.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



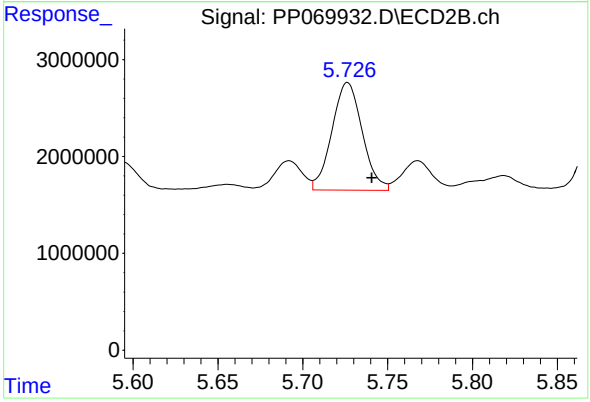
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 11999735
Conc: 556.00 ng/ml



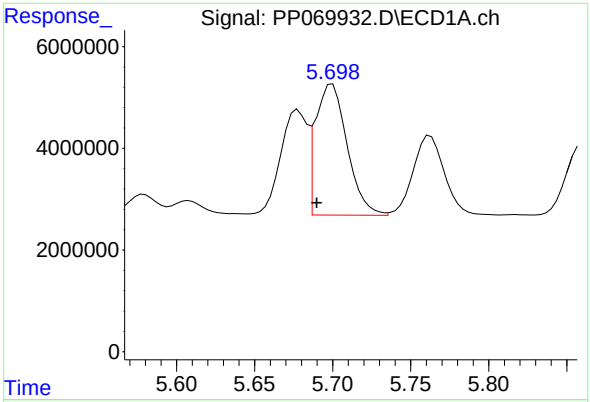
#20 AR-1242-5

R.T.: 6.591 min
Delta R.T.: -0.014 min
Response: 8867931
Conc: 272.15 ng/ml



#20 AR-1242-5

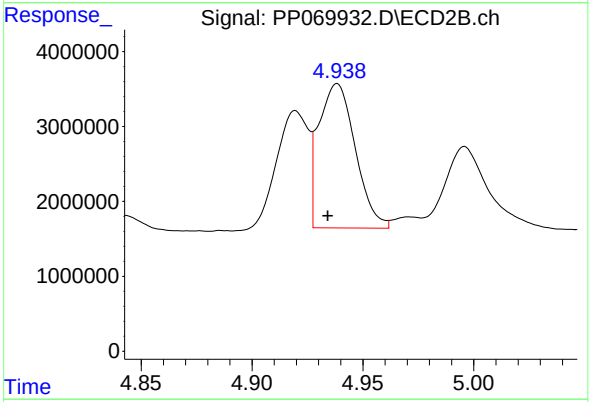
R.T.: 5.726 min
Delta R.T.: -0.014 min
Response: 13812524
Conc: 480.13 ng/ml



#21 AR-1248-1

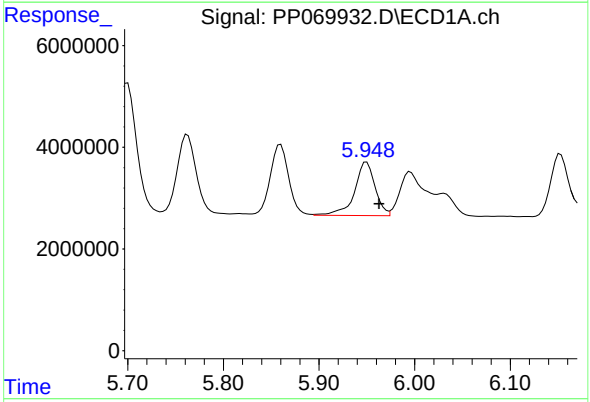
R.T.: 5.700 min
Delta R.T.: 0.010 min
Response: 36383290
Conc: 1121.59 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



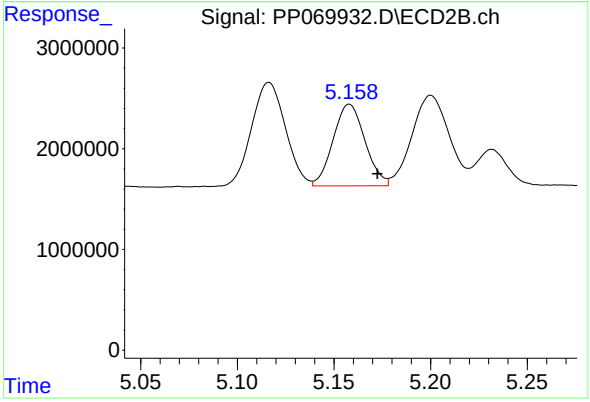
#21 AR-1248-1

R.T.: 4.938 min
Delta R.T.: 0.004 min
Response: 22152367
Conc: 1006.44 ng/ml



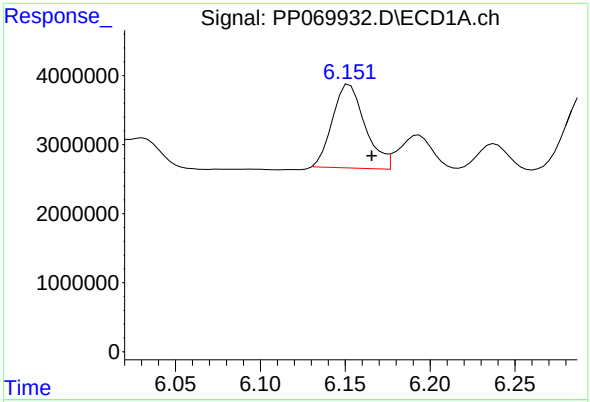
#22 AR-1248-2

R.T.: 5.950 min
Delta R.T.: -0.013 min
Response: 15797488
Conc: 372.17 ng/ml



#22 AR-1248-2

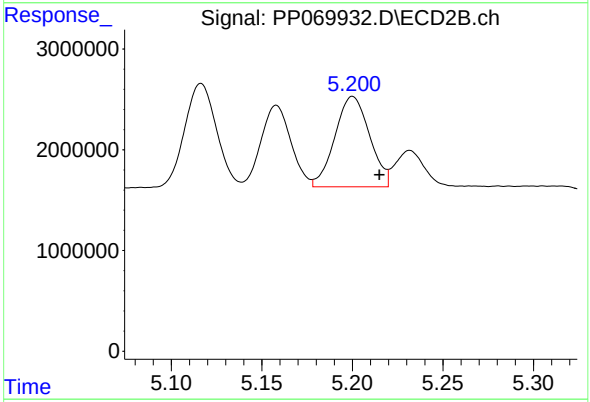
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 9326173
Conc: 310.20 ng/ml



#23 AR-1248-3

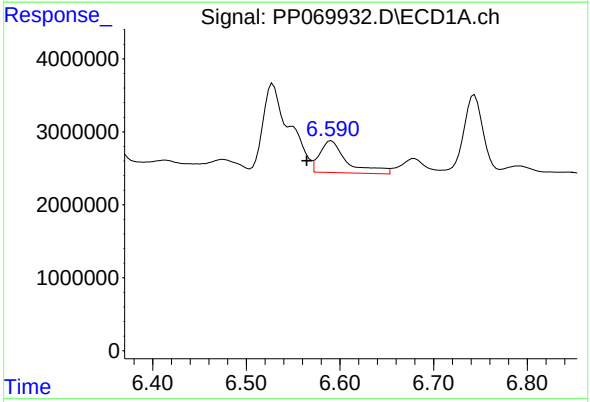
R.T.: 6.153 min
Delta R.T.: -0.013 min
Response: 16164285
Conc: 344.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



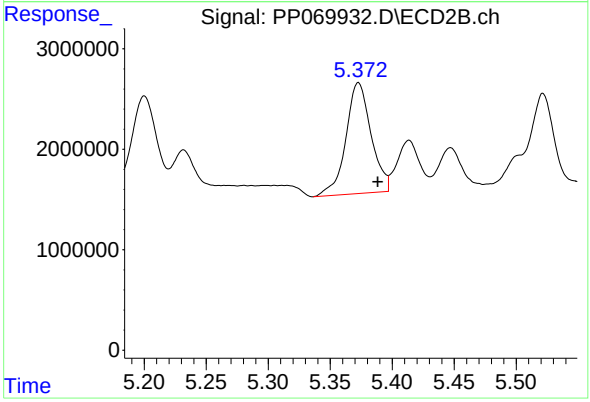
#23 AR-1248-3

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 11999735
Conc: 387.28 ng/ml



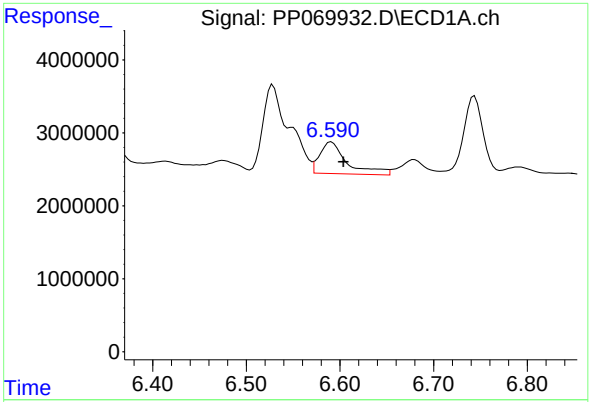
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: 0.026 min
Response: 8867931
Conc: 160.88 ng/ml



#24 AR-1248-4

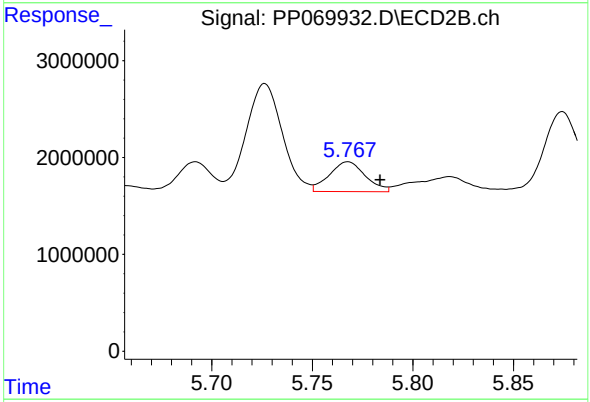
R.T.: 5.373 min
Delta R.T.: -0.016 min
Response: 15655765
Conc: 423.77 ng/ml



#25 AR-1248-5

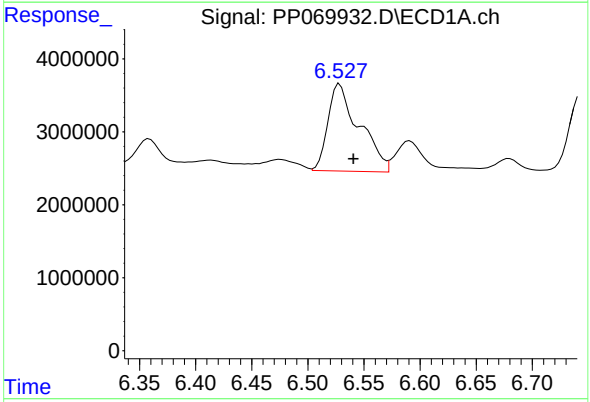
R.T.: 6.591 min
Delta R.T.: -0.013 min
Response: 8867931
Conc: 166.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



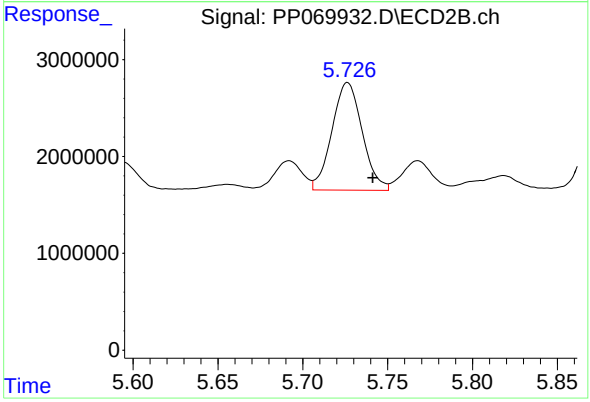
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.016 min
Response: 3841568
Conc: 102.74 ng/ml



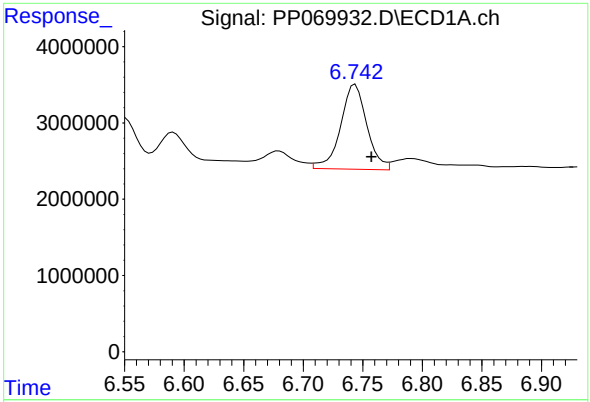
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.012 min
Response: 23290760
Conc: 402.51 ng/ml



#26 AR-1254-1

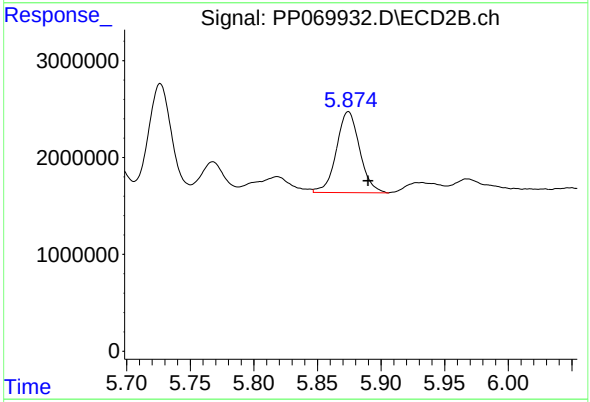
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 13812524
Conc: 250.88 ng/ml



#27 AR-1254-2

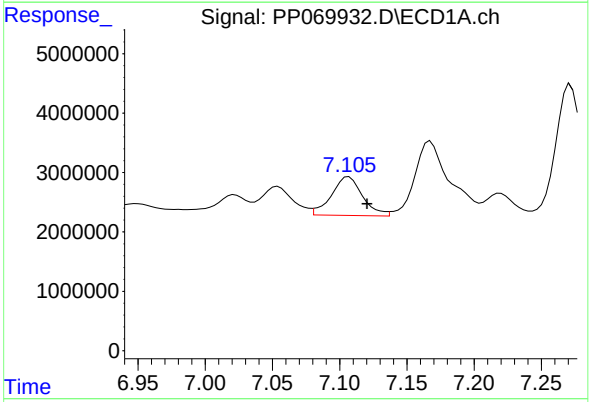
R.T.: 6.744 min
Delta R.T.: -0.014 min
Response: 17079942
Conc: 212.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



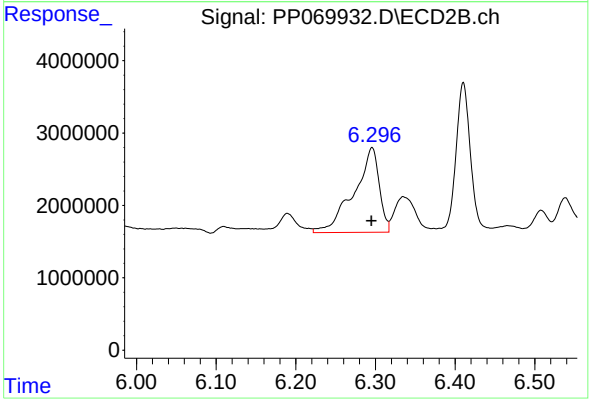
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.015 min
Response: 10619054
Conc: 219.54 ng/ml



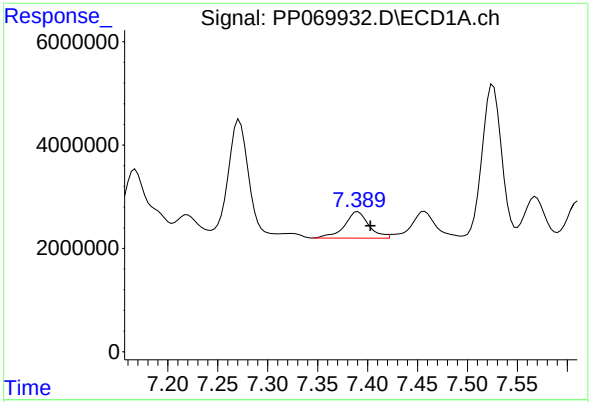
#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.014 min
Response: 10446441
Conc: 123.94 ng/ml



#28 AR-1254-3

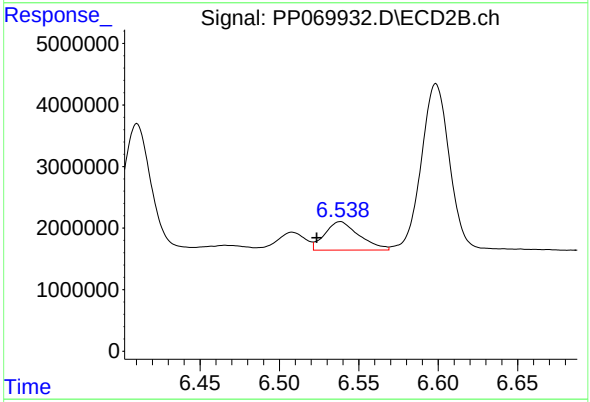
R.T.: 6.296 min
Delta R.T.: 0.000 min
Response: 25828580
Conc: 340.32 ng/ml



#29 AR-1254-4

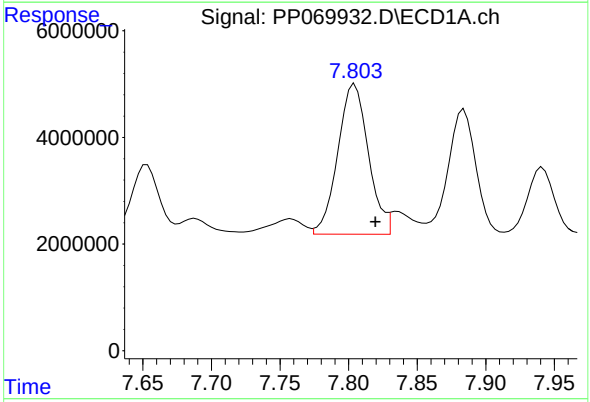
R.T.: 7.390 min
Delta R.T.: -0.012 min
Response: 8678937
Conc: 127.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



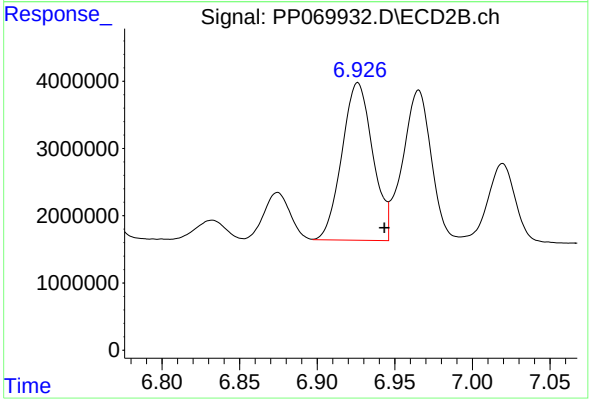
#29 AR-1254-4

R.T.: 6.538 min
Delta R.T.: 0.015 min
Response: 6923692
Conc: 135.10 ng/ml



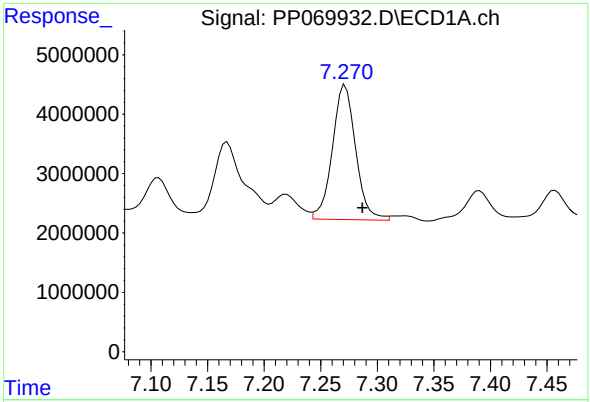
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.015 min
Response: 43760850
Conc: 643.11 ng/ml



#30 AR-1254-5

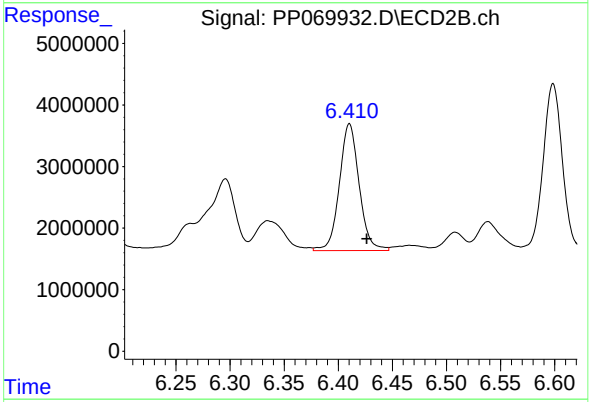
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 32425347
Conc: 487.16 ng/ml



#31 AR-1260-1

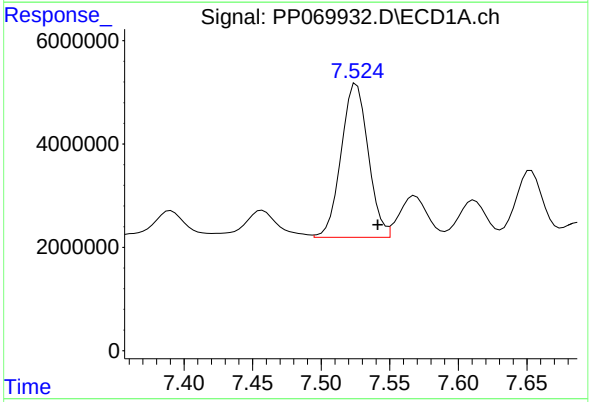
R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 32506173
Conc: 556.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



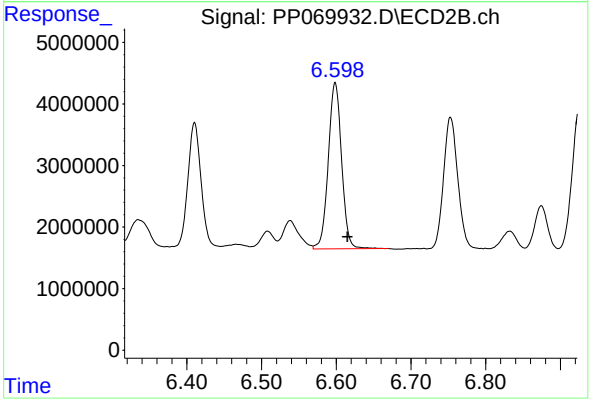
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.016 min
Response: 26192249
Conc: 543.08 ng/ml



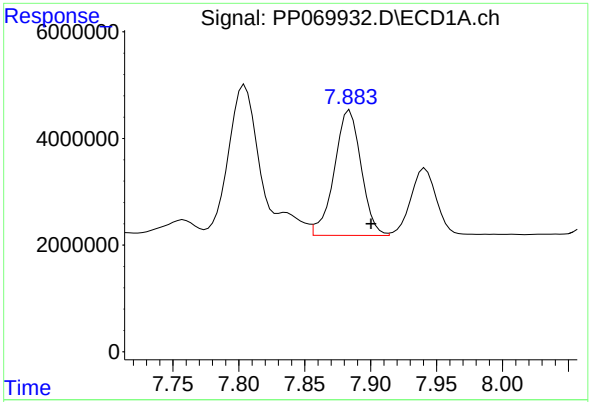
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.015 min
Response: 40795883
Conc: 524.28 ng/ml



#32 AR-1260-2

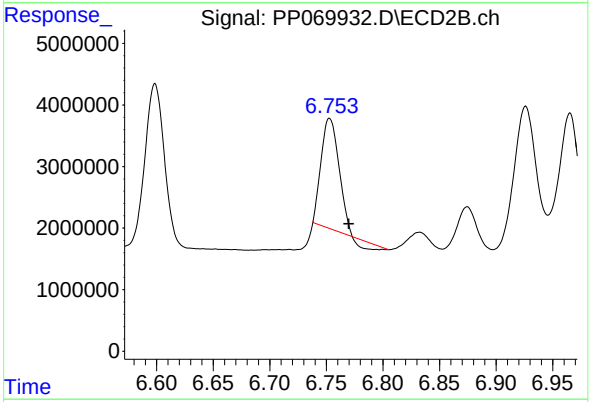
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 33361092
Conc: 544.19 ng/ml



#33 AR-1260-3

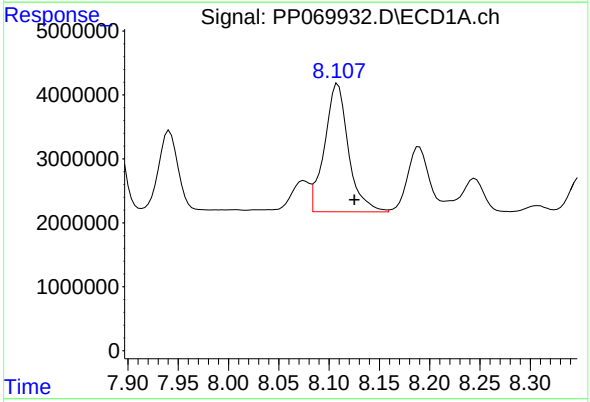
R.T.: 7.884 min
Delta R.T.: -0.016 min
Response: 33344400
Conc: 533.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



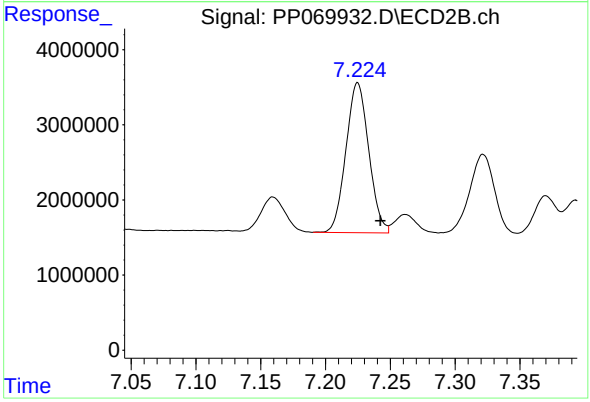
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 18433816
Conc: 306.43 ng/ml



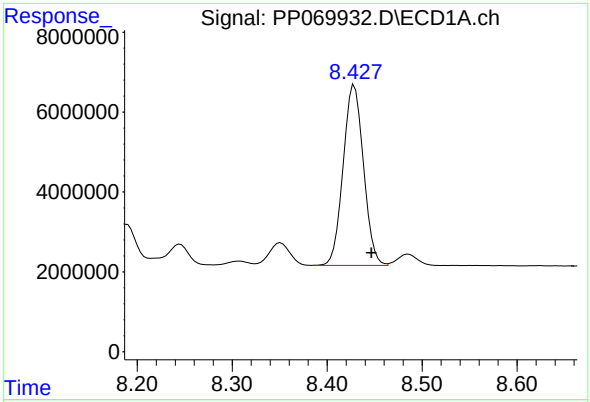
#34 AR-1260-4

R.T.: 8.109 min
Delta R.T.: -0.016 min
Response: 33116156
Conc: 501.94 ng/ml



#34 AR-1260-4

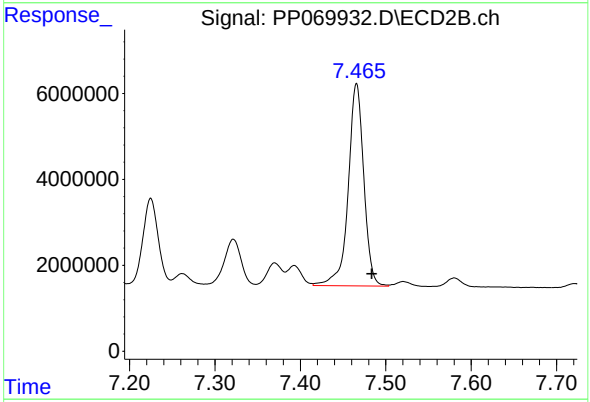
R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 24459480
Conc: 526.38 ng/ml



#35 AR-1260-5

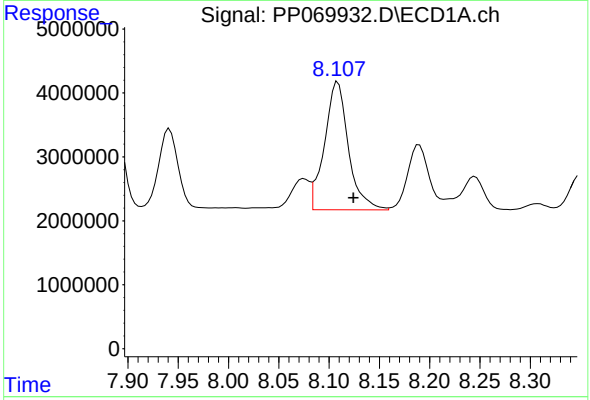
R.T.: 8.429 min
Delta R.T.: -0.018 min
Response: 67316487
Conc: 514.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



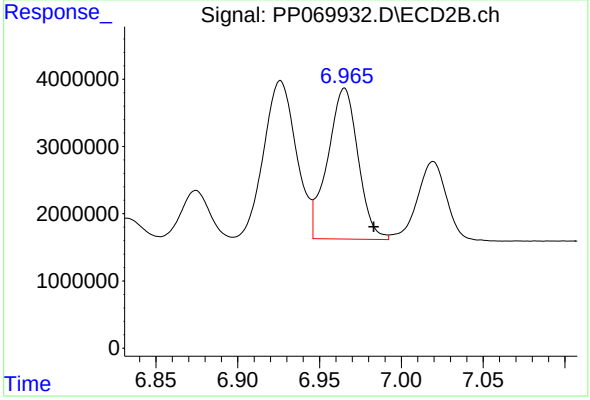
#35 AR-1260-5

R.T.: 7.466 min
Delta R.T.: -0.018 min
Response: 59692122
Conc: 537.06 ng/ml



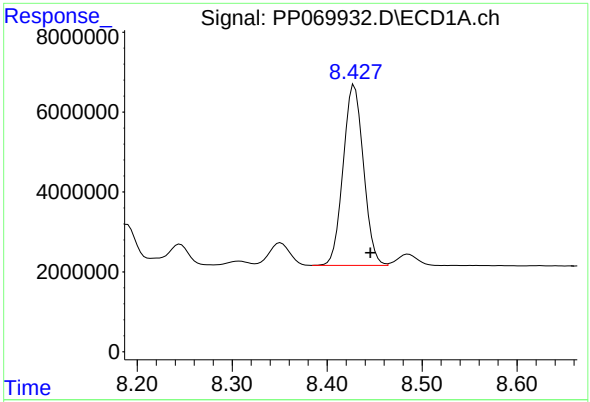
#36 AR-1262-1

R.T.: 8.109 min
Delta R.T.: -0.015 min
Response: 33116156
Conc: 419.09 ng/ml



#36 AR-1262-1

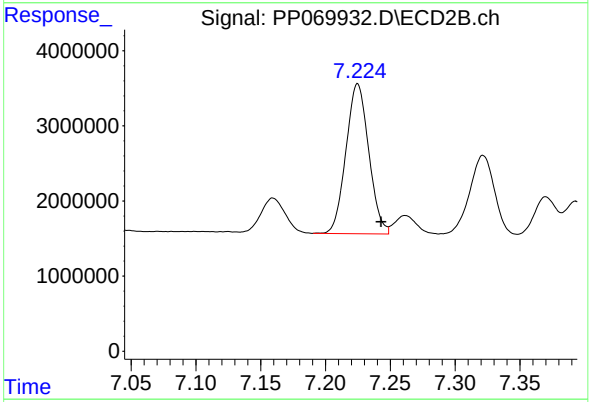
R.T.: 6.965 min
Delta R.T.: -0.018 min
Response: 29026730
Conc: 408.75 ng/ml



#37 AR-1262-2

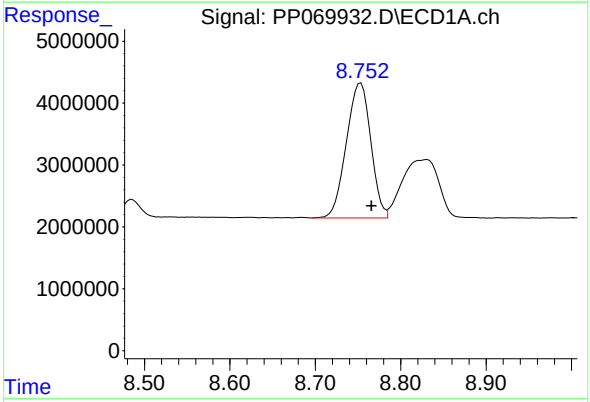
R.T.: 8.429 min
Delta R.T.: -0.017 min
Response: 67316487
Conc: 440.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



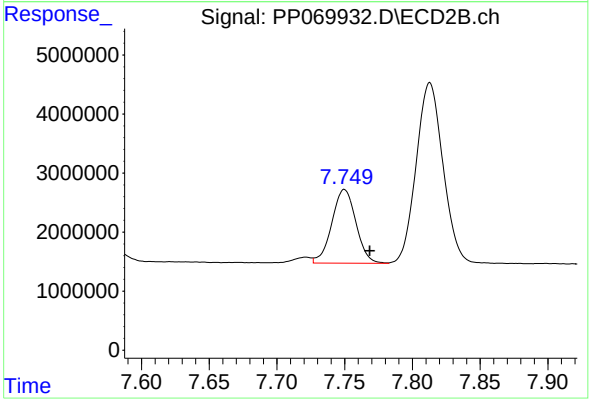
#37 AR-1262-2

R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 24459480
Conc: 401.11 ng/ml



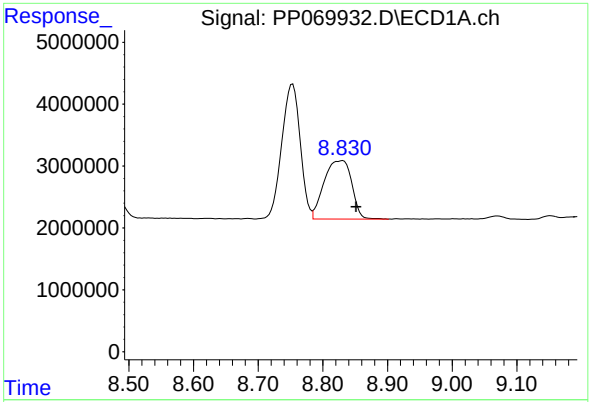
#38 AR-1262-3

R.T.: 8.753 min
Delta R.T.: -0.012 min
Response: 43306887
Conc: 407.48 ng/ml



#38 AR-1262-3

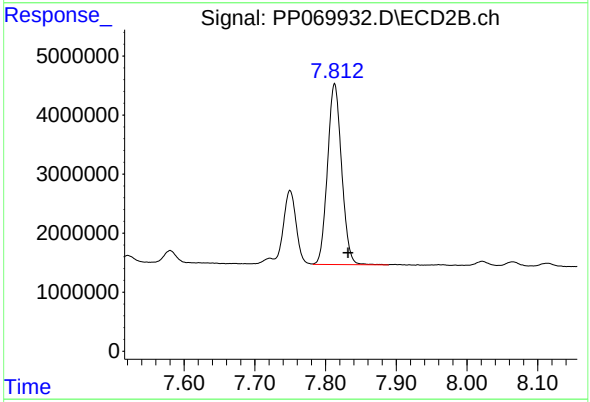
R.T.: 7.750 min
Delta R.T.: -0.019 min
Response: 15466451
Conc: 295.73 ng/ml



#39 AR-1262-4

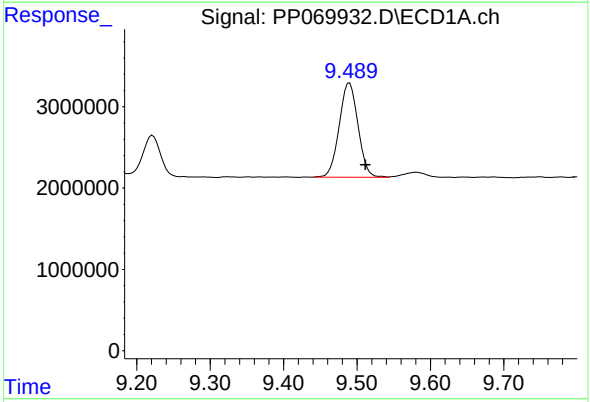
R.T.: 8.831 min
Delta R.T.: -0.021 min
Response: 28124456
Conc: 343.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



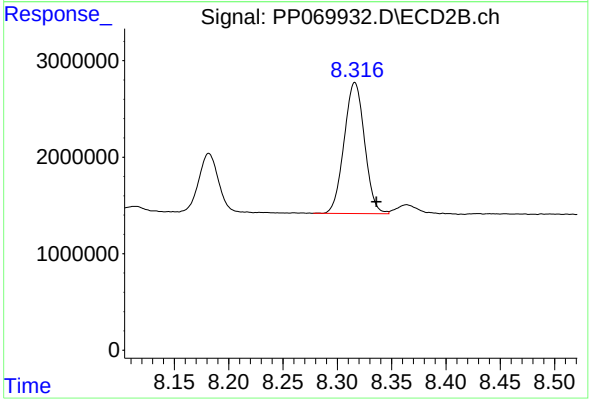
#39 AR-1262-4

R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 42461465
Conc: 459.36 ng/ml



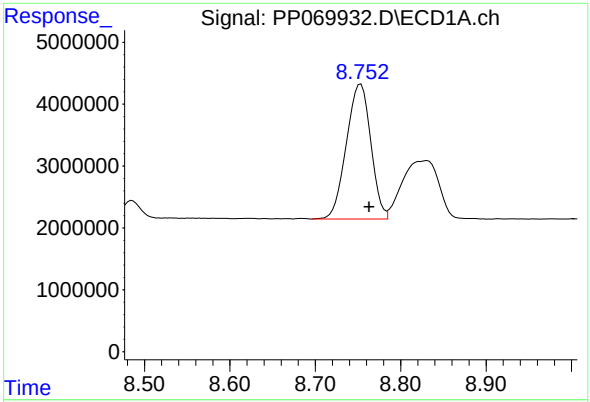
#40 AR-1262-5

R.T.: 9.490 min
Delta R.T.: -0.021 min
Response: 20692982
Conc: 365.53 ng/ml



#40 AR-1262-5

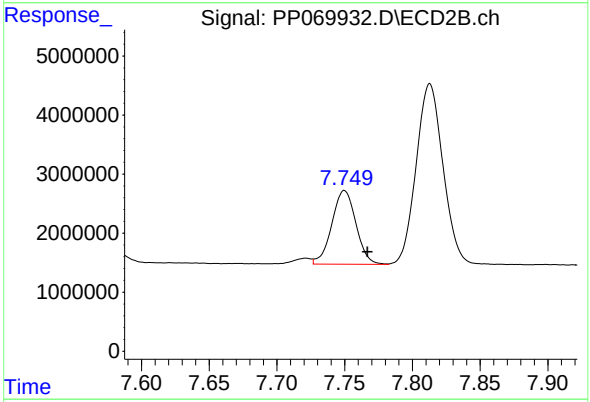
R.T.: 8.316 min
Delta R.T.: -0.020 min
Response: 17819582
Conc: 372.86 ng/ml



#41 AR-1268-1

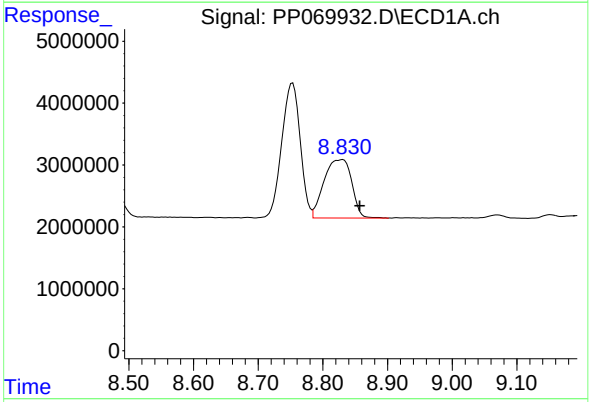
R.T.: 8.753 min
Delta R.T.: -0.010 min
Response: 43306887
Conc: 245.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



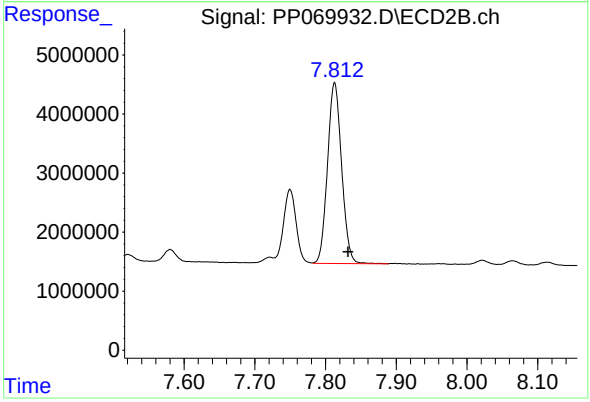
#41 AR-1268-1

R.T.: 7.750 min
Delta R.T.: -0.017 min
Response: 15466451
Conc: 106.58 ng/ml



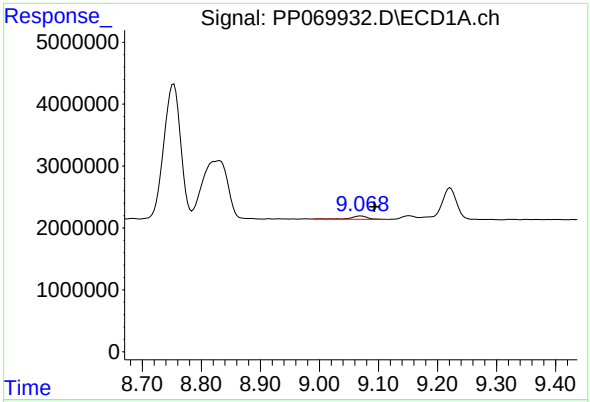
#42 AR-1268-2

R.T.: 8.831 min
Delta R.T.: -0.026 min
Response: 28124456
Conc: 178.71 ng/ml



#42 AR-1268-2

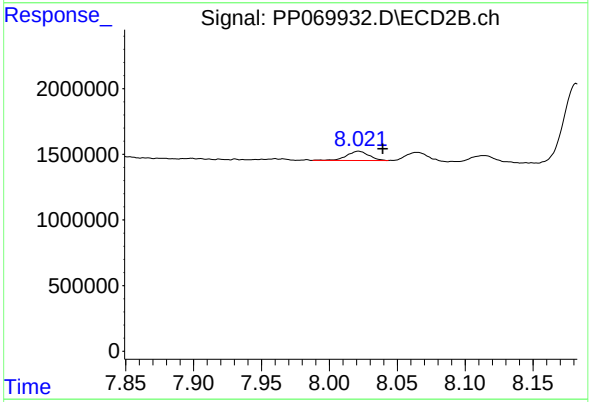
R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 42461465
Conc: 319.70 ng/ml



#43 AR-1268-3

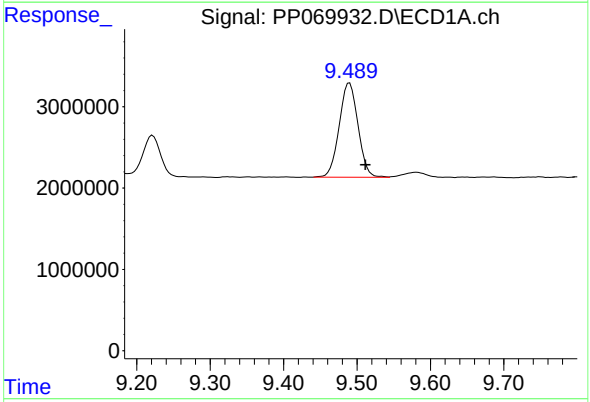
R.T.: 9.070 min
Delta R.T.: -0.023 min
Response: 1001104
Conc: 7.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



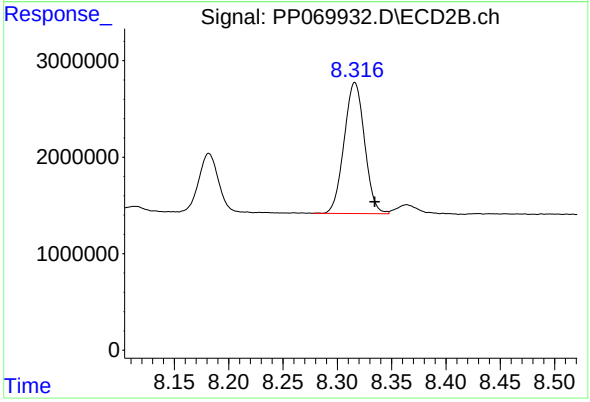
#43 AR-1268-3

R.T.: 8.022 min
Delta R.T.: -0.018 min
Response: 797164
Conc: 7.01 ng/ml



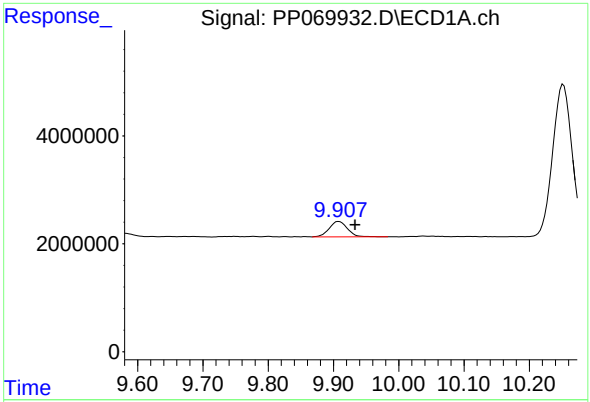
#44 AR-1268-4

R.T.: 9.490 min
Delta R.T.: -0.022 min
Response: 20692982
Conc: 352.40 ng/ml



#44 AR-1268-4

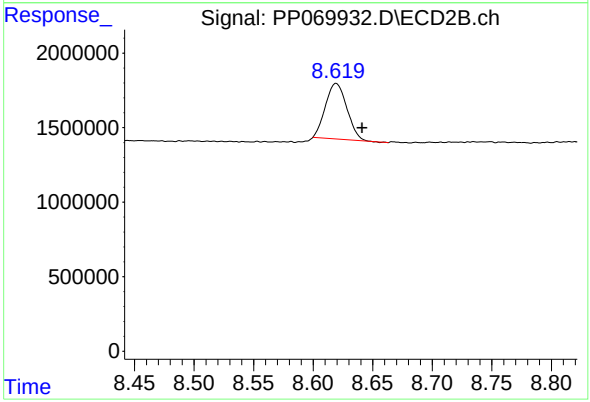
R.T.: 8.316 min
Delta R.T.: -0.018 min
Response: 17819582
Conc: 342.17 ng/ml



#45 AR-1268-5

R.T.: 9.908 min
Delta R.T.: -0.025 min
Response: 5513904
Conc: 14.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.619 min
Delta R.T.: -0.022 min
Response: 4664908
Conc: 13.10 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:57:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.524	3.830	78641512	45859932	54.937	51.381	
2)	SA Decachlor...	10.253	8.889	57345974	56081078	52.471	50.140	
	Target Compounds							
3)	L1 AR-1016-1	5.699	4.937	1088160	288566	23.486	8.848	#
4)	L1 AR-1016-2	5.699	4.937	1088160	288566	16.031	6.419	#
5)	L1 AR-1016-3	0.000	5.119	0	261133	N.D.	10.494	#
6)	L1 AR-1016-4	5.857	5.158	445644	11092591	12.733	549.240	#
7)	L1 AR-1016-5	6.151	5.373	8212856	7528163	248.434	280.651	
8)	L2 AR-1221-1	0.000	4.038	0	103713	N.D.	8.420	#
9)	L2 AR-1221-2	4.826	4.133	1079701	982941	78.853	101.508	#
10)	L2 AR-1221-3	0.000	4.221	0	52660	N.D.	1.805	#
11)	L3 AR-1232-1	0.000	4.221	0	52660	N.D.	2.243	#
12)	L3 AR-1232-2	0.000	4.937	0	288566	N.D.	12.242	#
13)	L3 AR-1232-3	5.699	5.119	1088160	261133	31.670	20.169	#
14)	L3 AR-1232-4	5.857	5.199	445644	3433893	25.013	309.742	#
15)	L3 AR-1232-5	5.949	5.373	15159962	7528163	1322.580	616.541	#
16)	L4 AR-1242-1	5.699	4.937	1088160	288566	26.092	10.009	#
17)	L4 AR-1242-2	5.699	4.937	1088160	288566	18.446	7.324	#
18)	L4 AR-1242-3	0.000	5.119	0	261133	N.D.	11.604	#
19)	L4 AR-1242-4	5.857	5.199	445644	3433893	13.589	159.107	#
20)	L4 AR-1242-5	6.593	5.727	9934605	27353708	304.889	950.826	#
21)	L5 AR-1248-1	5.699	4.937	1088160	288566	33.545	13.110	#
22)	L5 AR-1248-2	5.949	5.158	15159962	11092591	357.155	368.959	
23)	L5 AR-1248-3	6.151	5.199	8212856	3433893	174.789	110.827	#
24)	L5 AR-1248-4	6.548	5.373	12999792	7528163	235.840	203.774	
25)	L5 AR-1248-5	6.593	5.768	9934605	3688329	186.098	98.646	#
26)	L6 AR-1254-1	6.548	5.727	12999792	27353708	224.662	496.836	#
27)	L6 AR-1254-2	6.743	5.875	43100155	24389172	537.128	504.234	
28)	L6 AR-1254-3	7.106	6.281	43662235	38496228	518.010	507.223	
29)	L6 AR-1254-4	7.389	6.509	35598965	27426302	522.072	535.150	
30)	L6 AR-1254-5	7.806	6.928	35094938	34638919	515.752	520.413	
31)	L7 AR-1260-1	7.271	6.412	17916440	20124103	306.598	417.257	#
32)	L7 AR-1260-2	7.524	6.600	21431962	17362007	275.429	283.213	
33)	L7 AR-1260-3	7.867	6.753	4588501	11236384	73.393	186.786	#
34)	L7 AR-1260-4	8.092	7.227	13934576	1878914	211.204	40.435	#
35)	L7 AR-1260-5	8.428	7.498	5430452	1438268	41.477	12.940	#
36)	L8 AR-1262-1	8.092	6.998	13934576	3900189	176.346	54.922	#
37)	L8 AR-1262-2	8.428	7.227	5430452	1878914	35.511	30.812	
38)	L8 AR-1262-3	8.757	7.753	4096396	213828	38.544	4.089	#
39)	L8 AR-1262-4	8.805f	7.813	633398	5031911	7.744	54.436	#
40)	L8 AR-1262-5	0.000	8.317	0	251162	N.D.	5.255	#
41)	L9 AR-1268-1	8.757	7.753	4096396	213828	23.199	1.473	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:57:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.805f	7.813	633398	5031911	4.025	37.886 #
43) L9	AR-1268-3	0.000	8.019	0	209850	N.D.	1.845 #
44) L9	AR-1268-4	0.000	8.317	0	251162	N.D.	4.823 #
45) L9	AR-1268-5	0.000	8.622	0	368486	N.D.	1.035 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

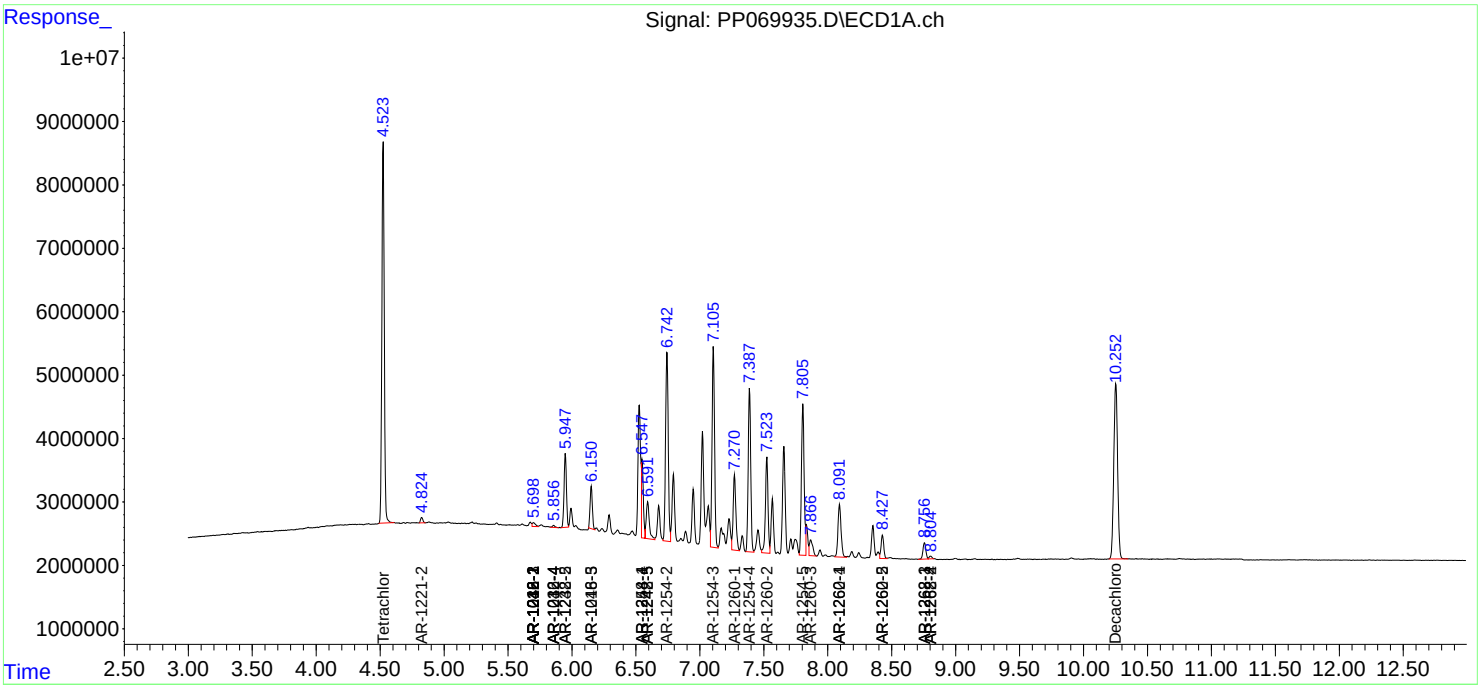
Quantitation Report (Not Reviewed)

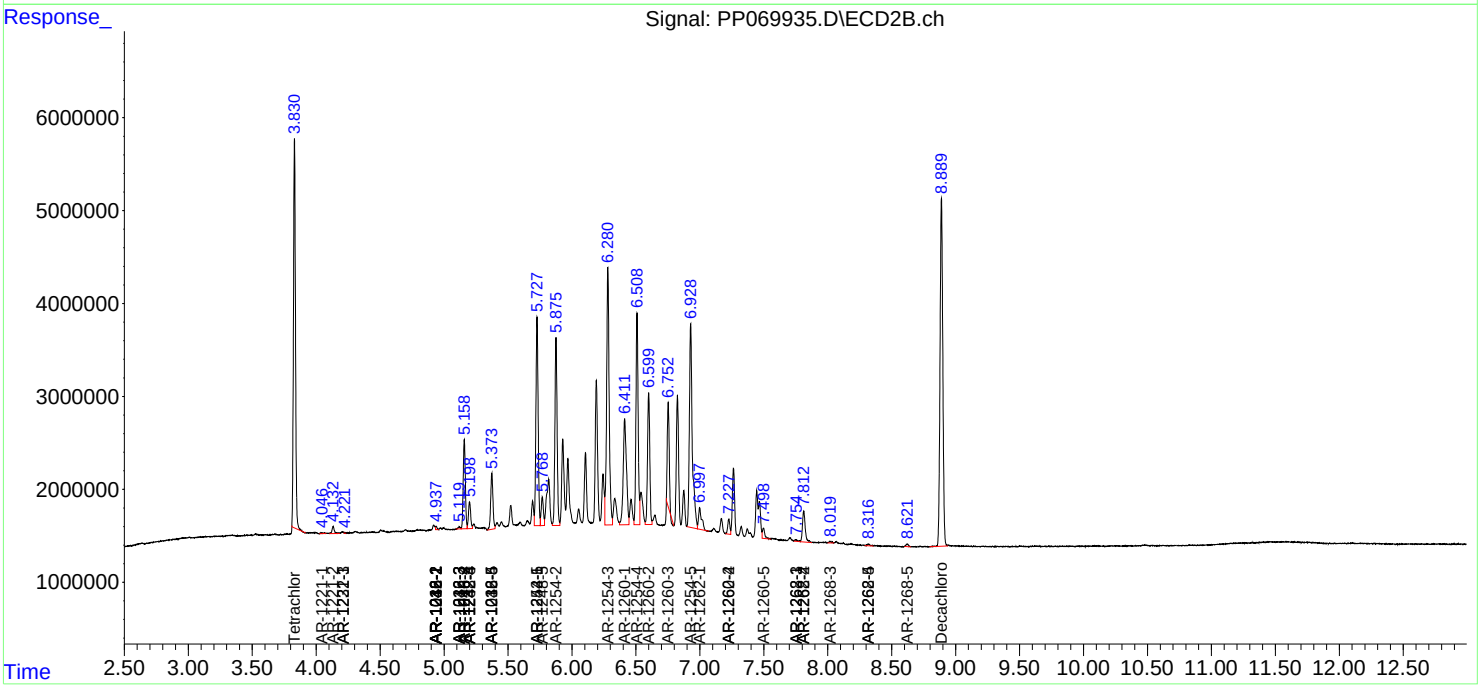
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:17
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

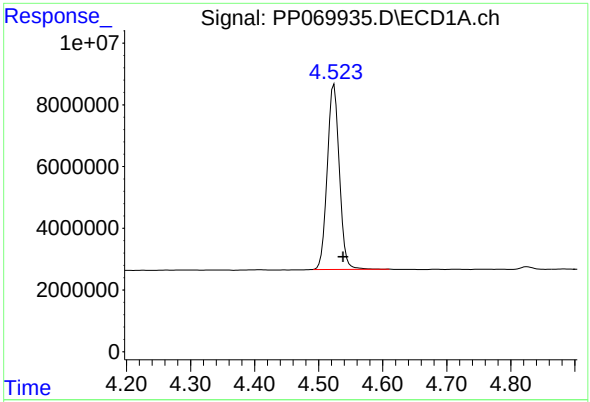
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:57:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



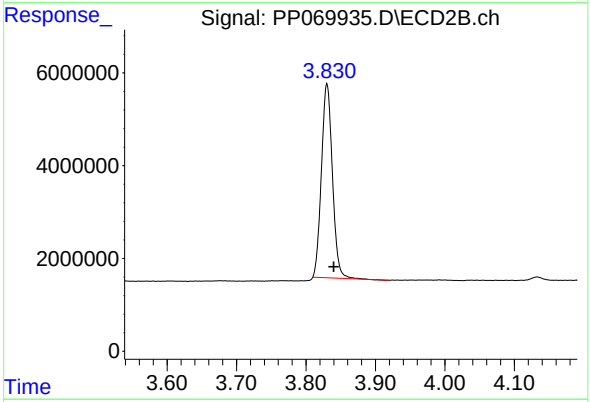




#1 Tetrachloro-m-xylene

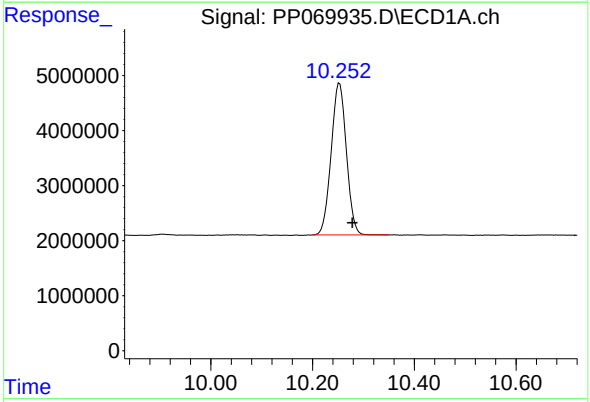
R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 78641512
Conc: 54.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



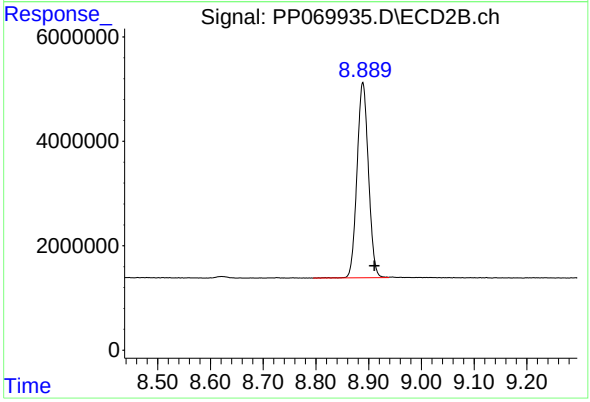
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 45859932
Conc: 51.38 ng/ml



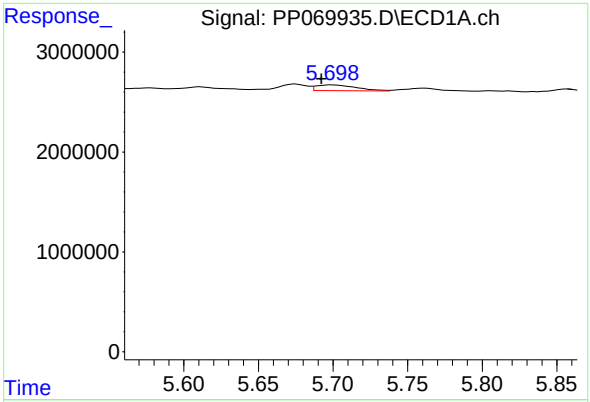
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 57345974
Conc: 52.47 ng/ml



#2 Decachlorobiphenyl

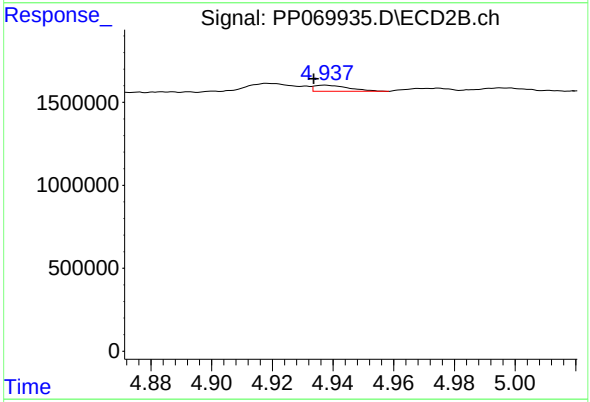
R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 56081078
Conc: 50.14 ng/ml



#3 AR-1016-1

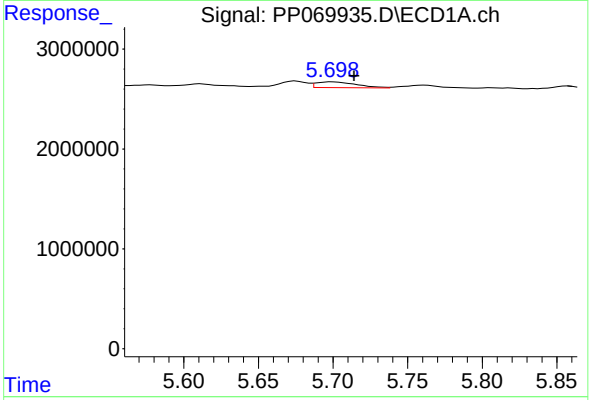
R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 1088160
Conc: 23.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



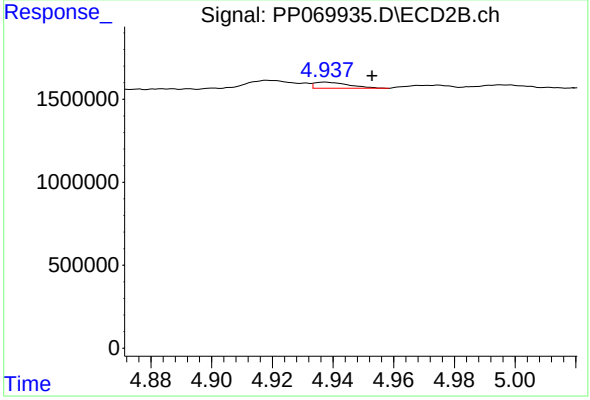
#3 AR-1016-1

R.T.: 4.937 min
Delta R.T.: 0.004 min
Response: 288566
Conc: 8.85 ng/ml



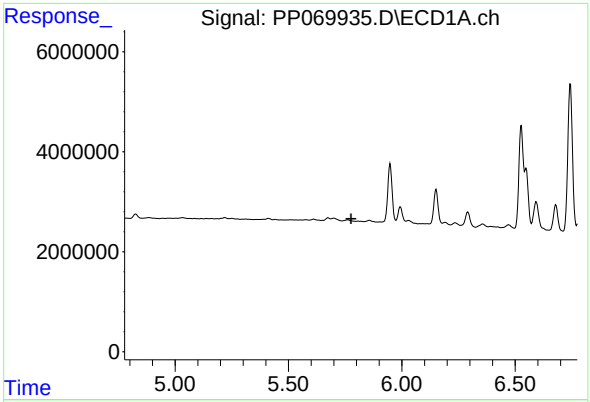
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 1088160
Conc: 16.03 ng/ml



#4 AR-1016-2

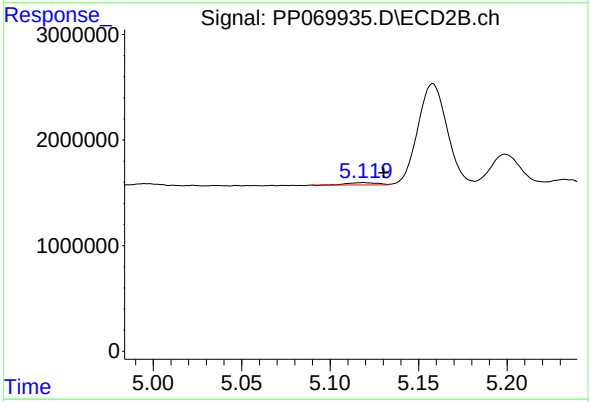
R.T.: 4.937 min
Delta R.T.: -0.015 min
Response: 288566
Conc: 6.42 ng/ml



#5 AR-1016-3

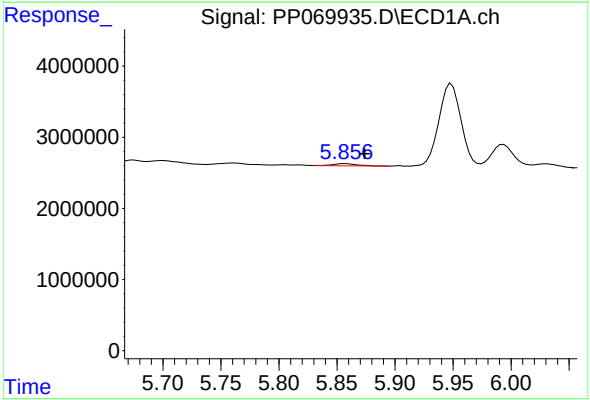
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



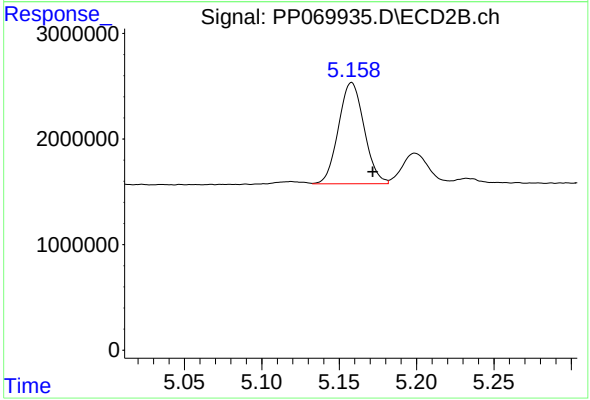
#5 AR-1016-3

R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 261133
Conc: 10.49 ng/ml



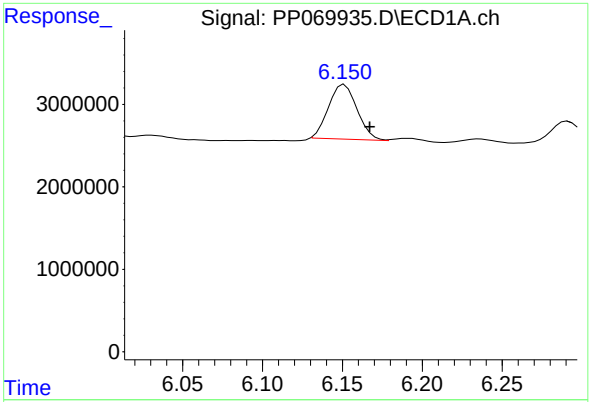
#6 AR-1016-4

R.T.: 5.857 min
Delta R.T.: -0.017 min
Response: 445644
Conc: 12.73 ng/ml



#6 AR-1016-4

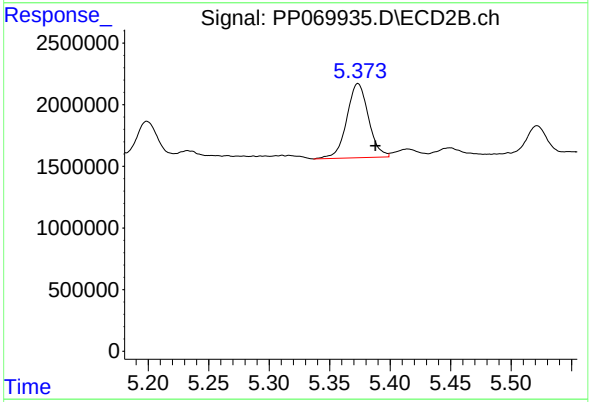
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 11092591
Conc: 549.24 ng/ml



#7 AR-1016-5

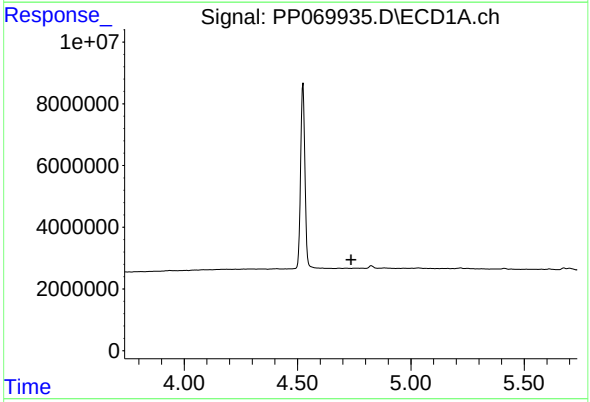
R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 8212856
Conc: 248.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



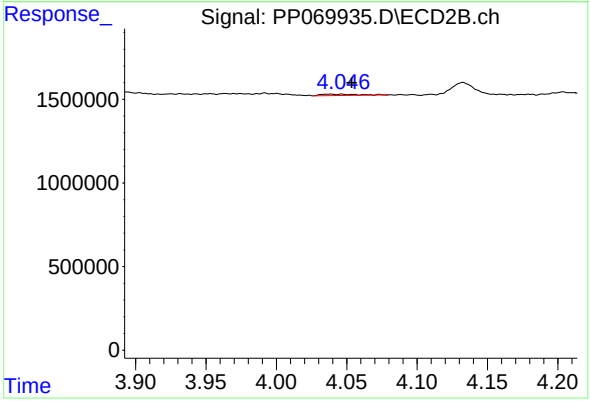
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 7528163
Conc: 280.65 ng/ml



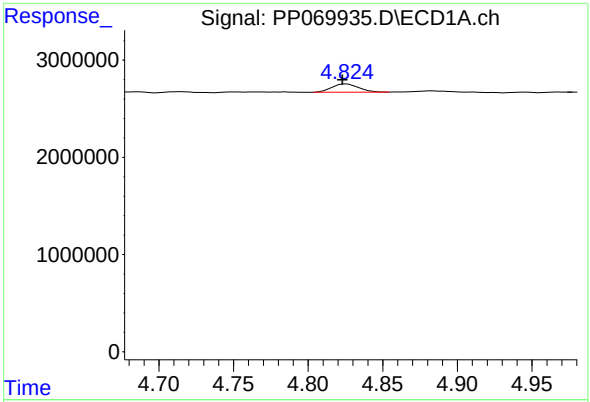
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

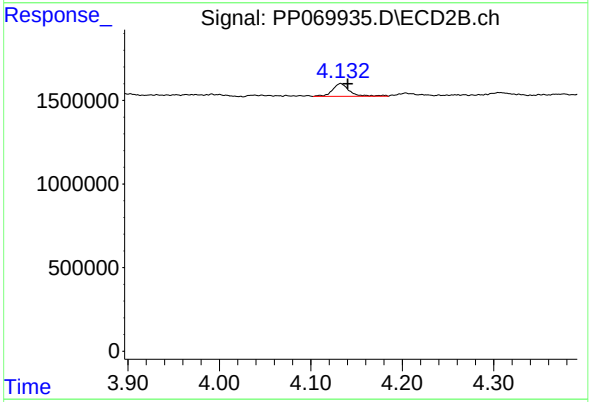
R.T.: 4.038 min
Delta R.T.: -0.016 min
Response: 103713
Conc: 8.42 ng/ml



#9 AR-1221-2

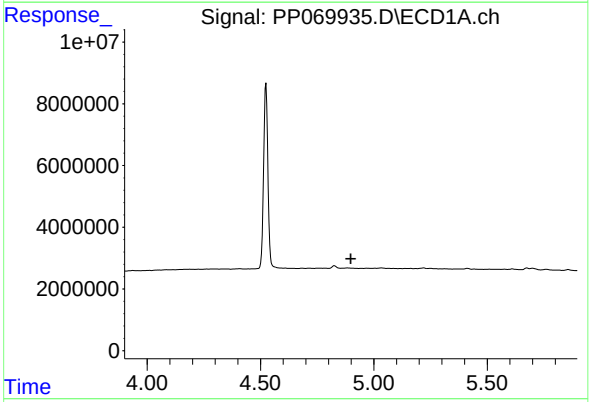
R.T.: 4.826 min
Delta R.T.: 0.003 min
Response: 1079701
Conc: 78.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



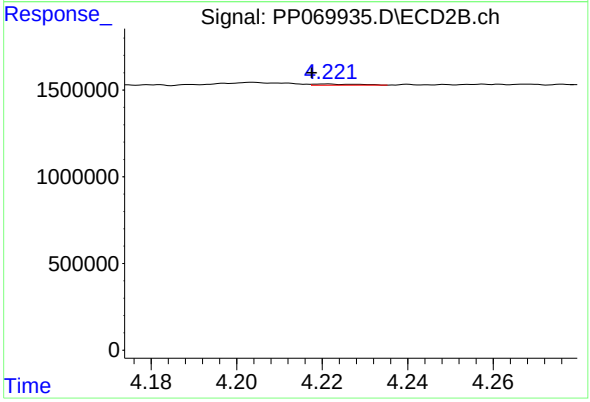
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 982941
Conc: 101.51 ng/ml



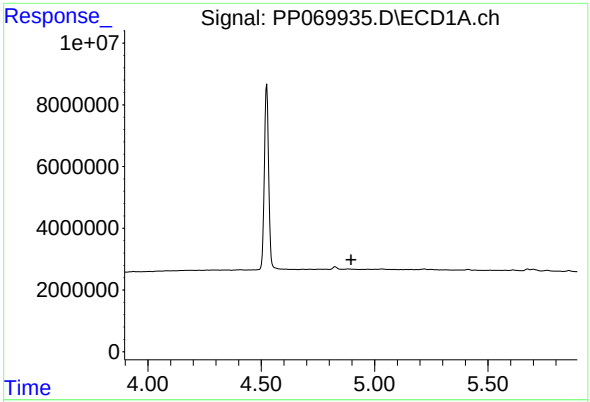
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

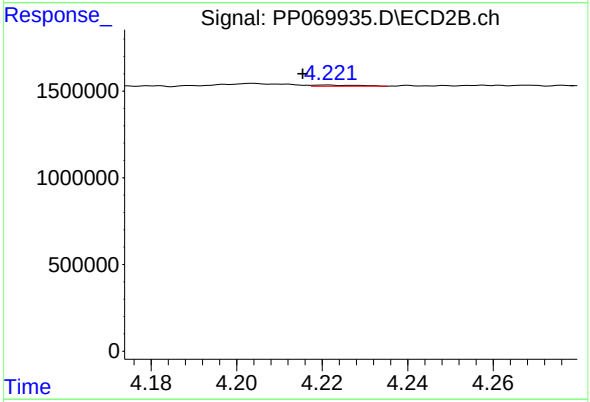
R.T.: 4.221 min
Delta R.T.: 0.003 min
Response: 52660
Conc: 1.81 ng/ml



#11 AR-1232-1

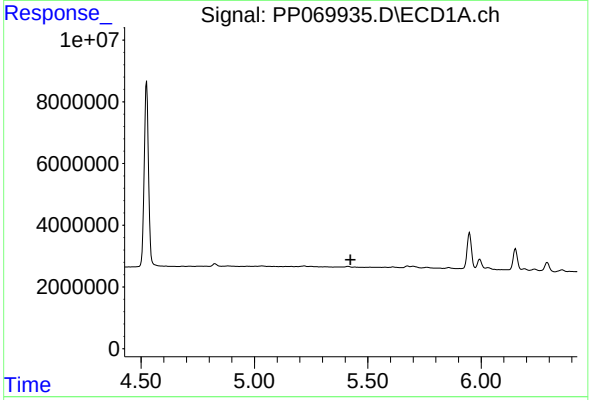
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



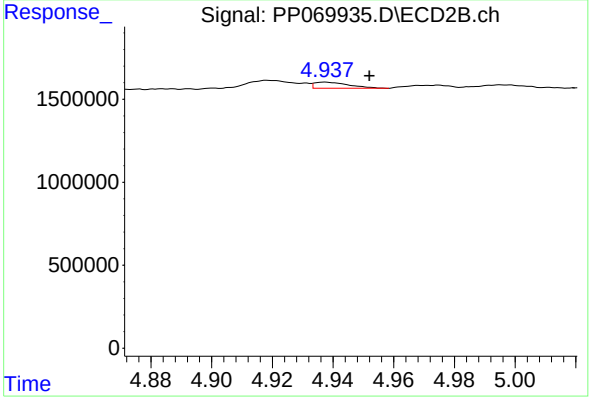
#11 AR-1232-1

R.T.: 4.221 min
Delta R.T.: 0.006 min
Response: 52660
Conc: 2.24 ng/ml



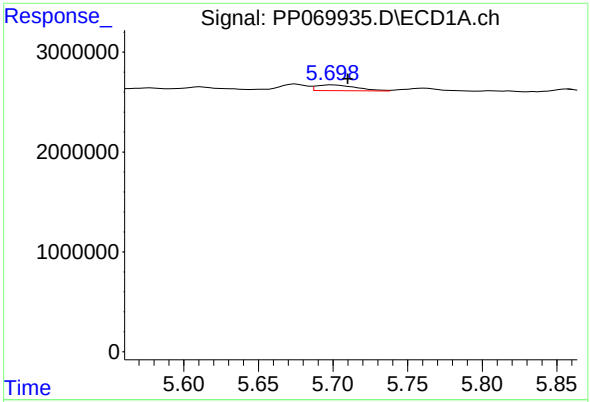
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

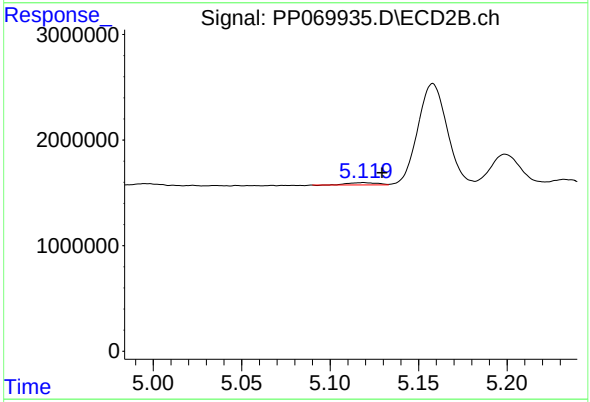
R.T.: 4.937 min
Delta R.T.: -0.015 min
Response: 288566
Conc: 12.24 ng/ml



#13 AR-1232-3

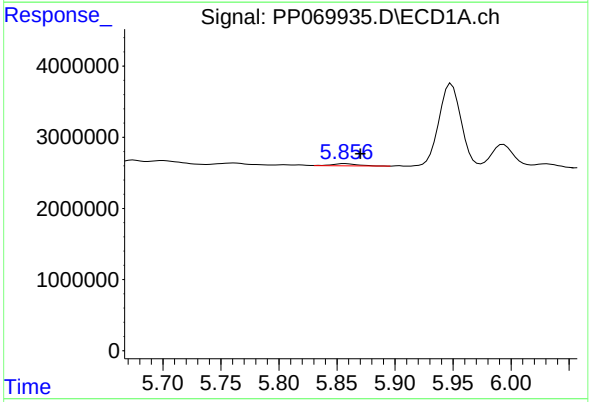
R.T.: 5.699 min
Delta R.T.: -0.010 min
Response: 1088160
Conc: 31.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



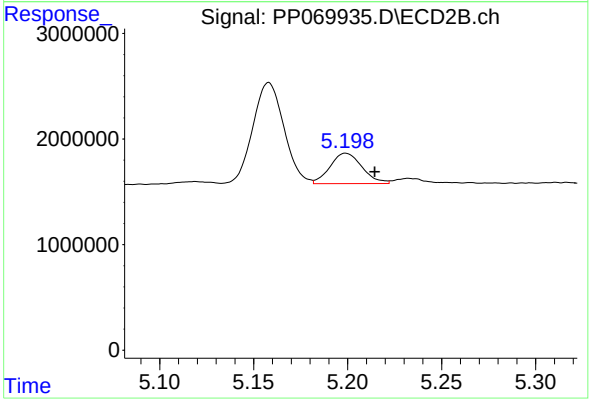
#13 AR-1232-3

R.T.: 5.119 min
Delta R.T.: -0.010 min
Response: 261133
Conc: 20.17 ng/ml



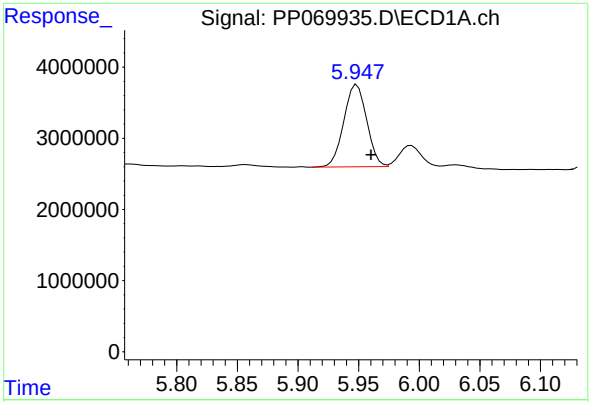
#14 AR-1232-4

R.T.: 5.857 min
Delta R.T.: -0.013 min
Response: 445644
Conc: 25.01 ng/ml



#14 AR-1232-4

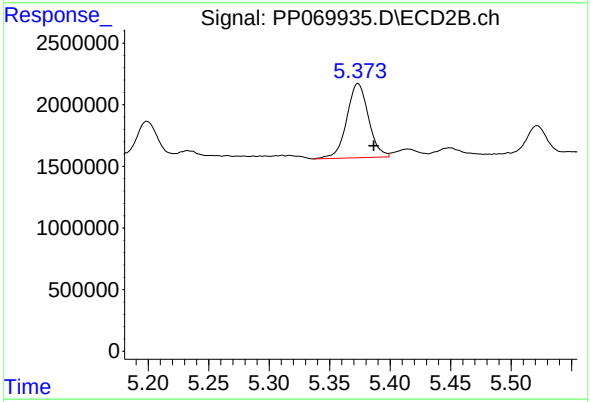
R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 3433893
Conc: 309.74 ng/ml



#15 AR-1232-5

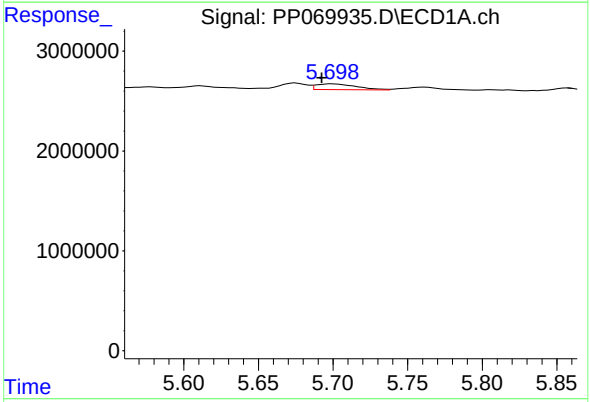
R.T.: 5.949 min
Delta R.T.: -0.012 min
Response: 15159962
Conc: 1322.58 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



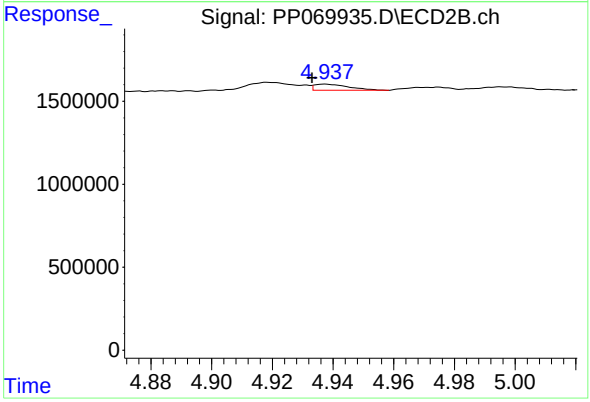
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.013 min
Response: 7528163
Conc: 616.54 ng/ml



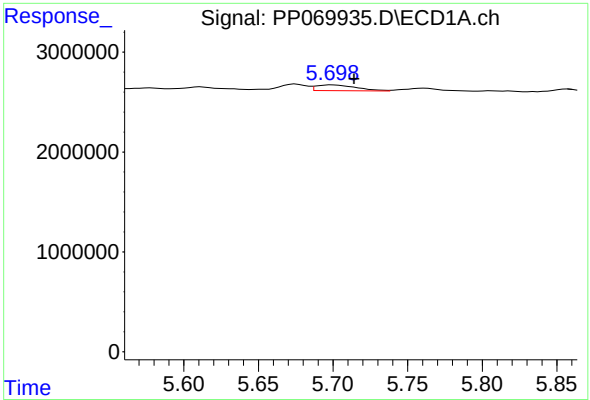
#16 AR-1242-1

R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 1088160
Conc: 26.09 ng/ml



#16 AR-1242-1

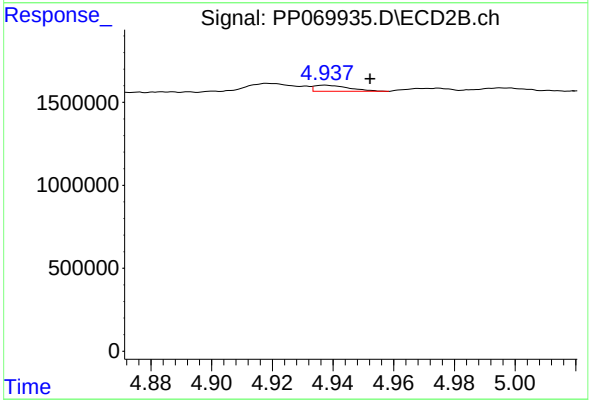
R.T.: 4.937 min
Delta R.T.: 0.004 min
Response: 288566
Conc: 10.01 ng/ml



#17 AR-1242-2

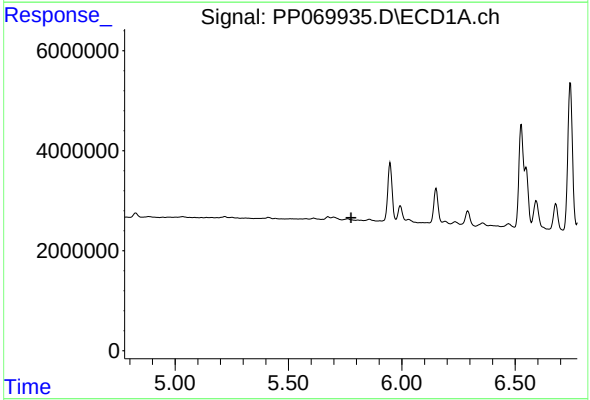
R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 1088160
Conc: 18.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



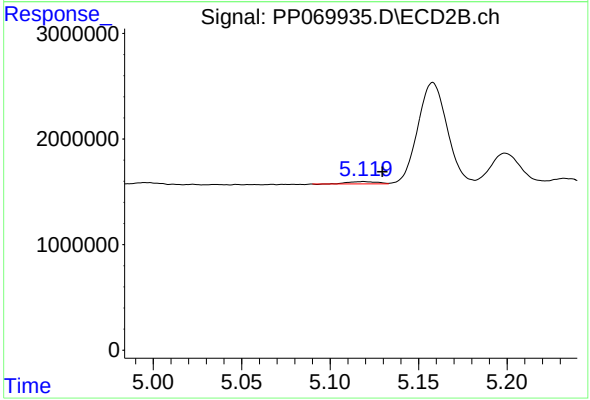
#17 AR-1242-2

R.T.: 4.937 min
Delta R.T.: -0.015 min
Response: 288566
Conc: 7.32 ng/ml



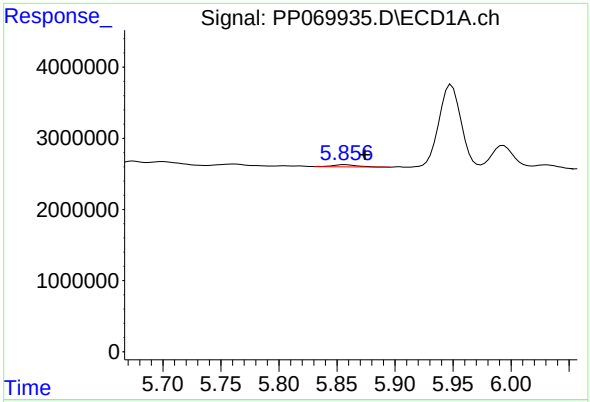
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

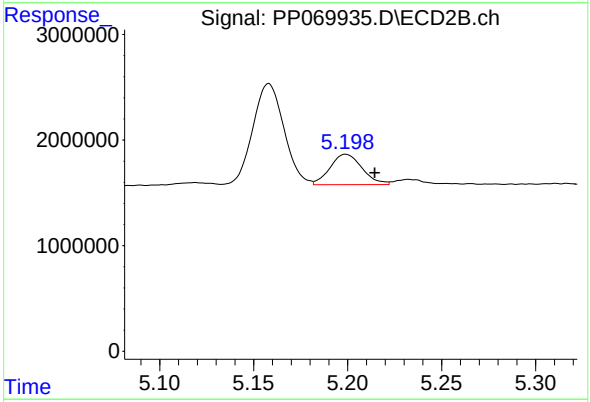
R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 261133
Conc: 11.60 ng/ml



#19 AR-1242-4

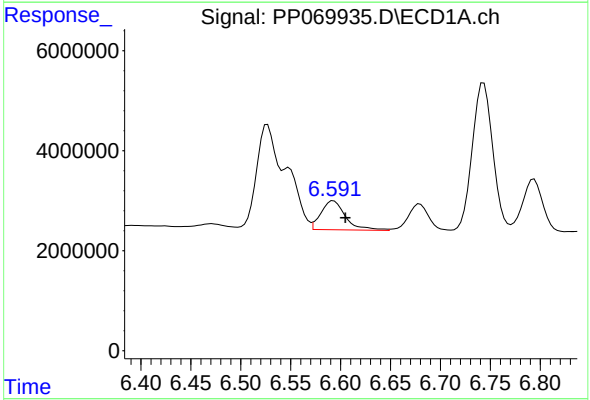
R.T.: 5.857 min
Delta R.T.: -0.017 min
Response: 445644
Conc: 13.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



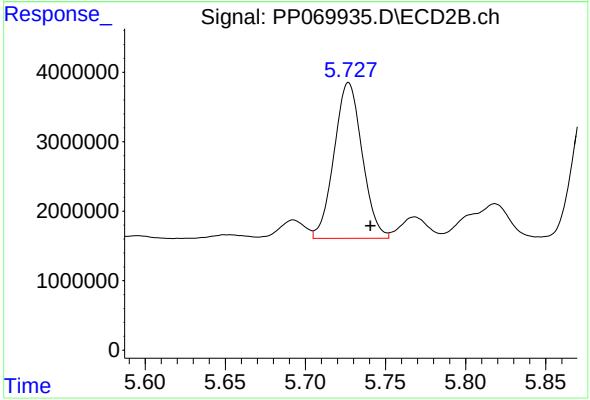
#19 AR-1242-4

R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 3433893
Conc: 159.11 ng/ml



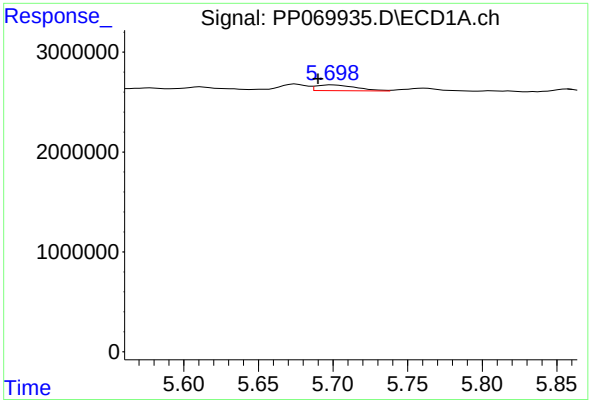
#20 AR-1242-5

R.T.: 6.593 min
Delta R.T.: -0.012 min
Response: 9934605
Conc: 304.89 ng/ml



#20 AR-1242-5

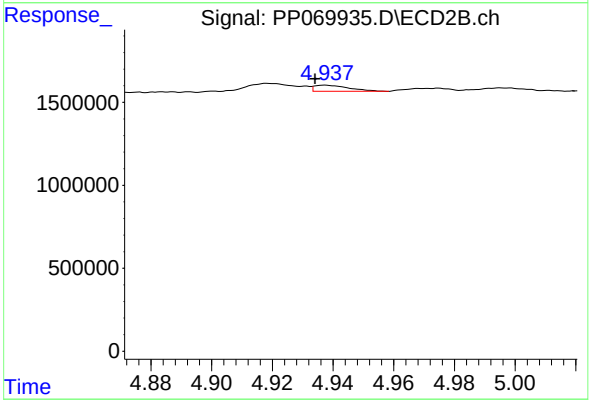
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 27353708
Conc: 950.83 ng/ml



#21 AR-1248-1

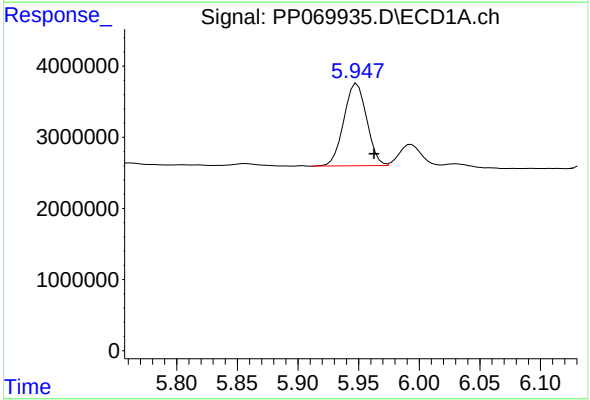
R.T.: 5.699 min
Delta R.T.: 0.010 min
Response: 1088160
Conc: 33.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



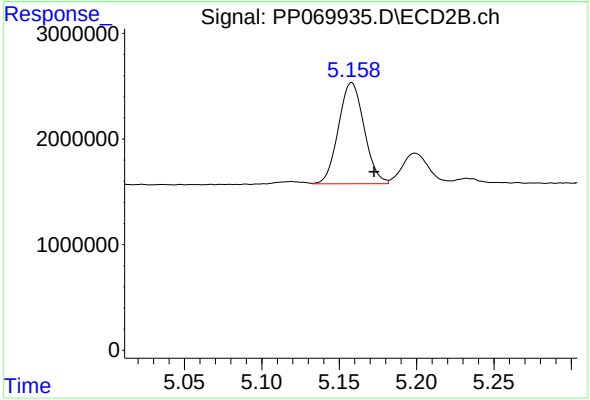
#21 AR-1248-1

R.T.: 4.937 min
Delta R.T.: 0.003 min
Response: 288566
Conc: 13.11 ng/ml



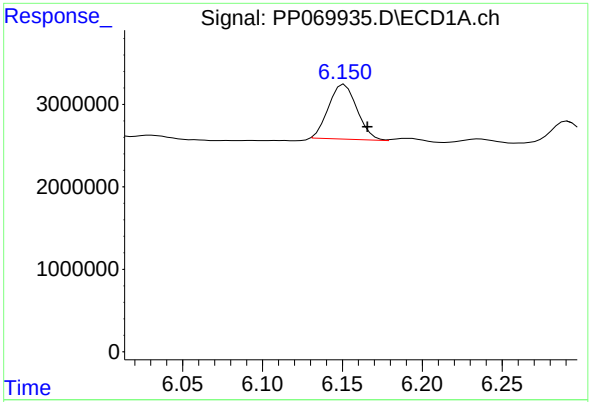
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: -0.014 min
Response: 15159962
Conc: 357.16 ng/ml



#22 AR-1248-2

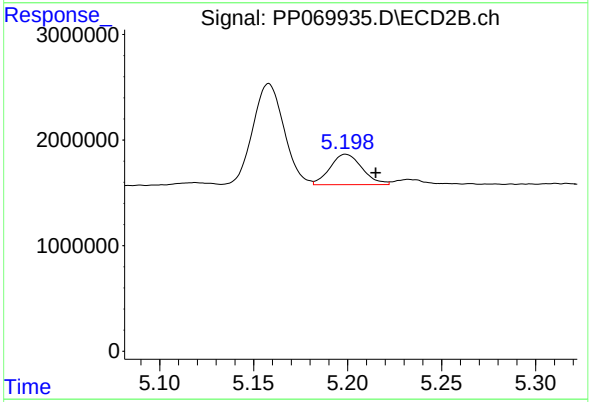
R.T.: 5.158 min
Delta R.T.: -0.014 min
Response: 11092591
Conc: 368.96 ng/ml



#23 AR-1248-3

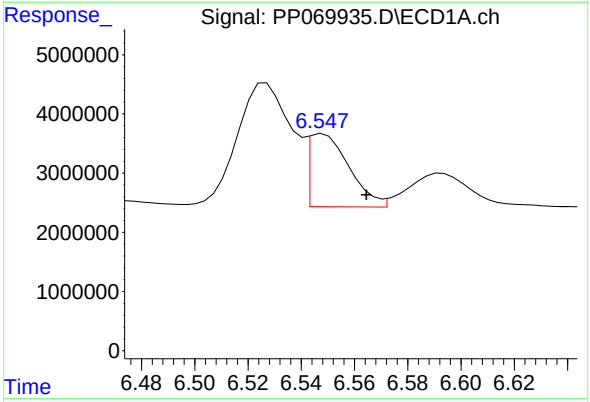
R.T.: 6.151 min
Delta R.T.: -0.014 min
Response: 8212856
Conc: 174.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



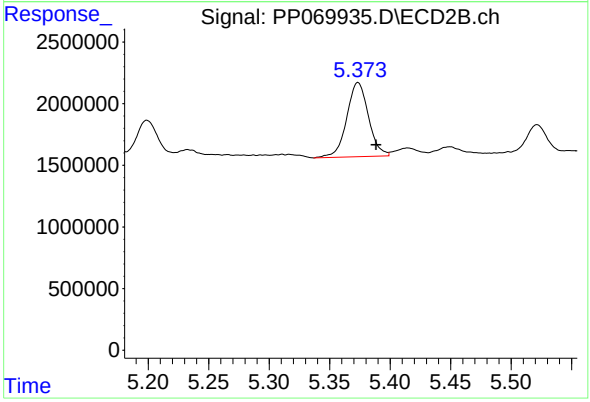
#23 AR-1248-3

R.T.: 5.199 min
Delta R.T.: -0.016 min
Response: 3433893
Conc: 110.83 ng/ml



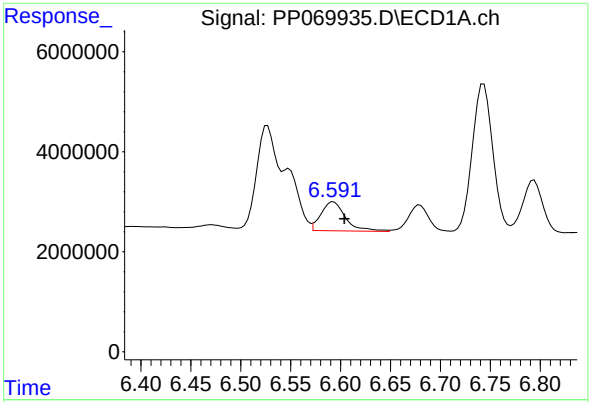
#24 AR-1248-4

R.T.: 6.548 min
Delta R.T.: -0.016 min
Response: 12999792
Conc: 235.84 ng/ml



#24 AR-1248-4

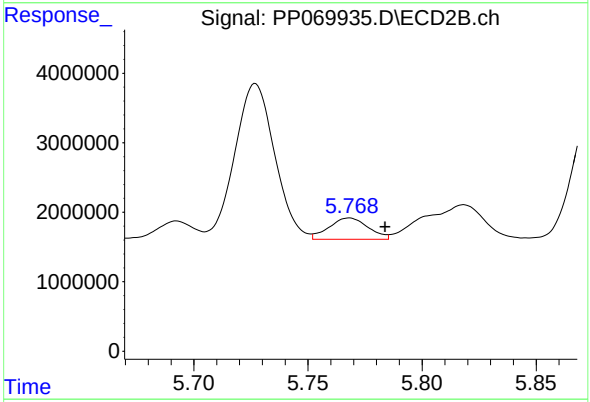
R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 7528163
Conc: 203.77 ng/ml



#25 AR-1248-5

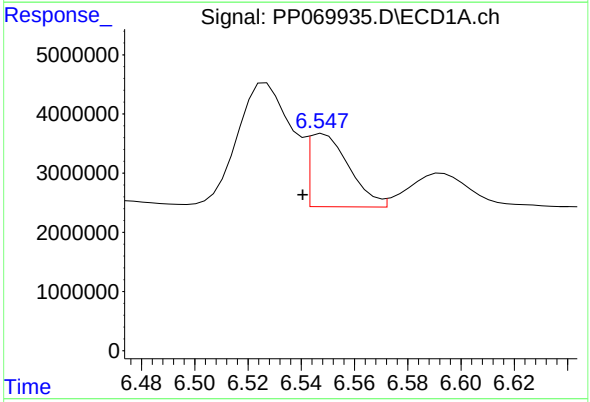
R.T.: 6.593 min
Delta R.T.: -0.011 min
Response: 9934605
Conc: 186.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



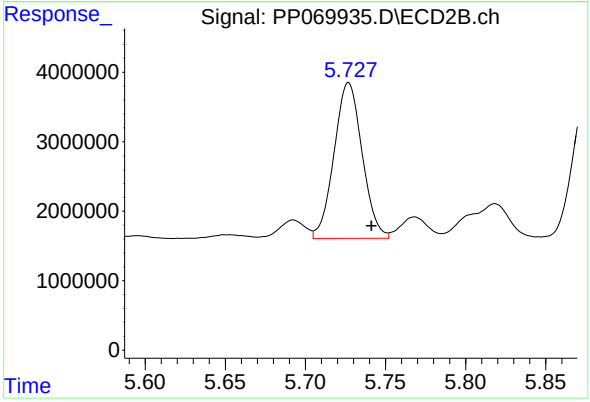
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.016 min
Response: 3688329
Conc: 98.65 ng/ml



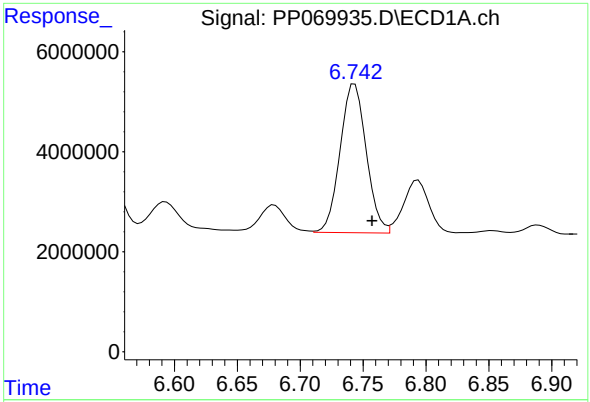
#26 AR-1254-1

R.T.: 6.548 min
Delta R.T.: 0.007 min
Response: 12999792
Conc: 224.66 ng/ml



#26 AR-1254-1

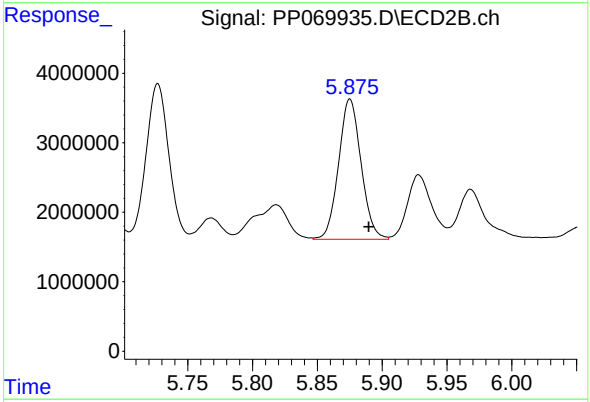
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 27353708
Conc: 496.84 ng/ml



#27 AR-1254-2

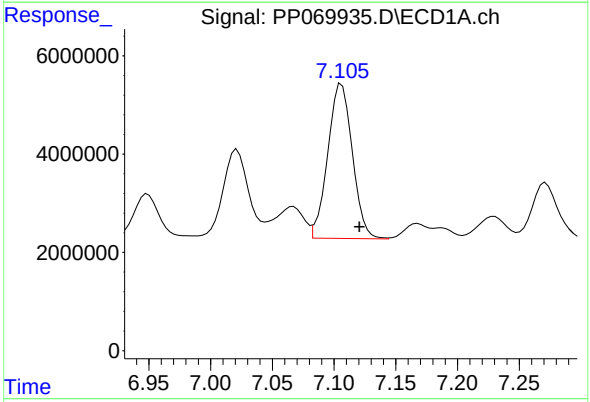
R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 43100155
Conc: 537.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



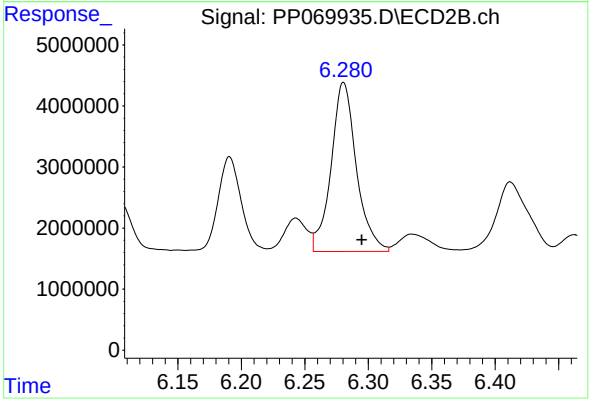
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 24389172
Conc: 504.23 ng/ml



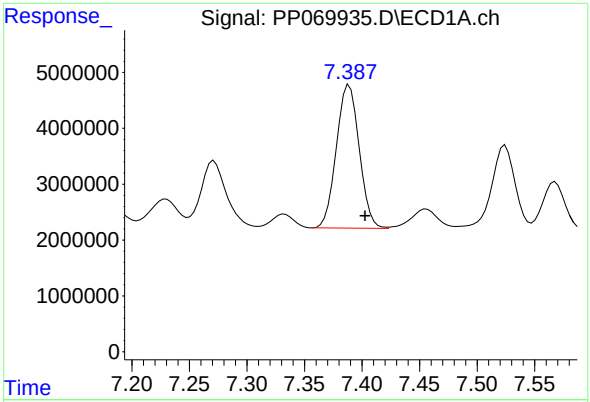
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.014 min
Response: 43662235
Conc: 518.01 ng/ml



#28 AR-1254-3

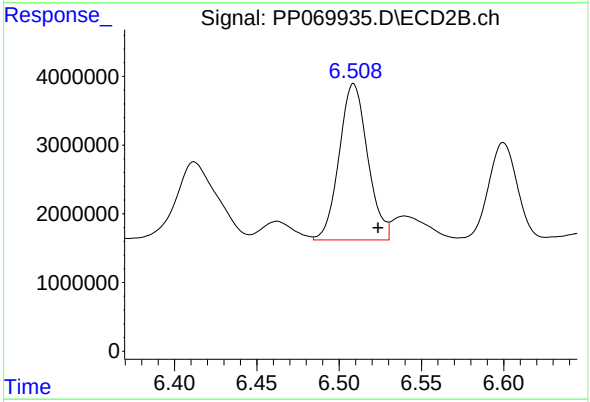
R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 38496228
Conc: 507.22 ng/ml



#29 AR-1254-4

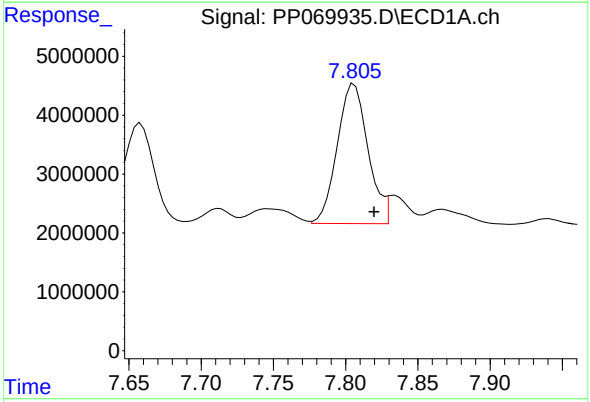
R.T.: 7.389 min
Delta R.T.: -0.014 min
Response: 35598965
Conc: 522.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



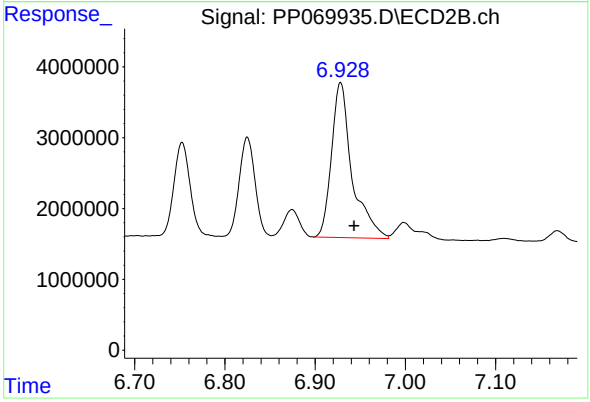
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 27426302
Conc: 535.15 ng/ml



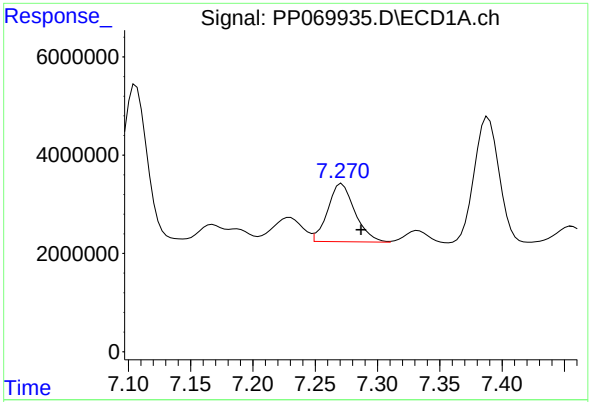
#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.014 min
Response: 35094938
Conc: 515.75 ng/ml



#30 AR-1254-5

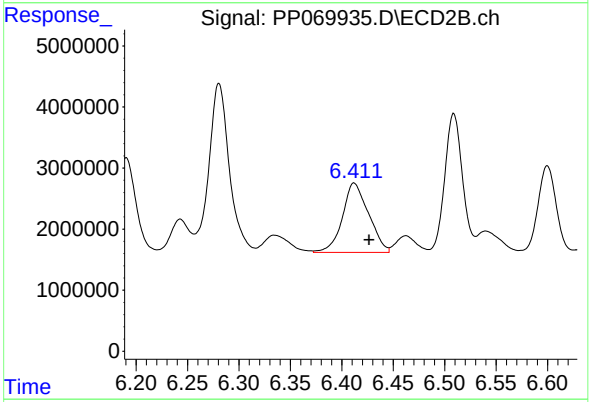
R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 34638919
Conc: 520.41 ng/ml



#31 AR-1260-1

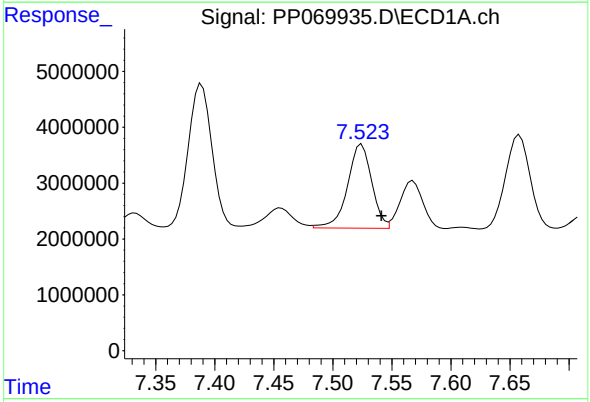
R.T.: 7.271 min
Delta R.T.: -0.015 min
Response: 17916440
Conc: 306.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



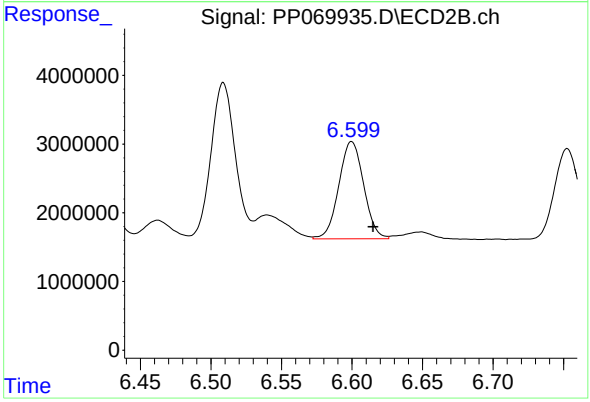
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 20124103
Conc: 417.26 ng/ml



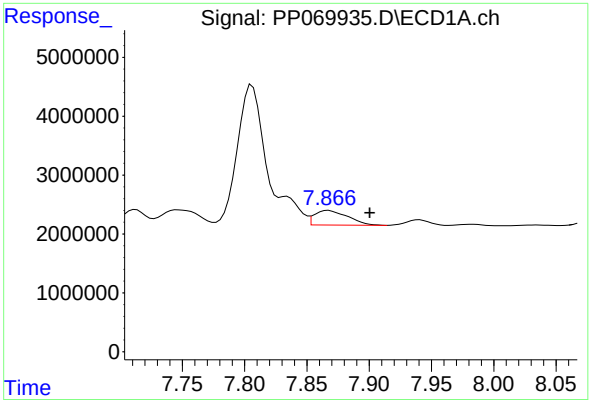
#32 AR-1260-2

R.T.: 7.524 min
Delta R.T.: -0.017 min
Response: 21431962
Conc: 275.43 ng/ml



#32 AR-1260-2

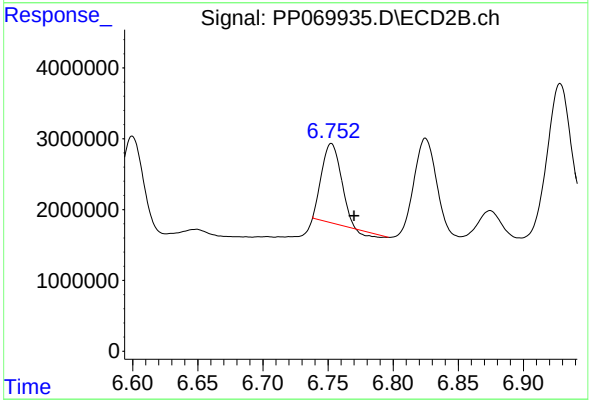
R.T.: 6.600 min
Delta R.T.: -0.015 min
Response: 17362007
Conc: 283.21 ng/ml



#33 AR-1260-3

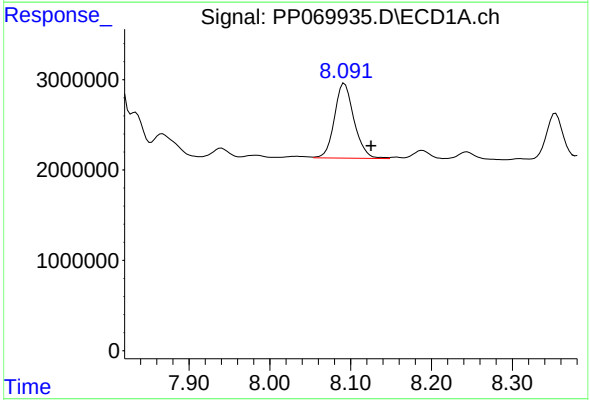
R.T.: 7.867 min
Delta R.T.: -0.033 min
Response: 4588501
Conc: 73.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



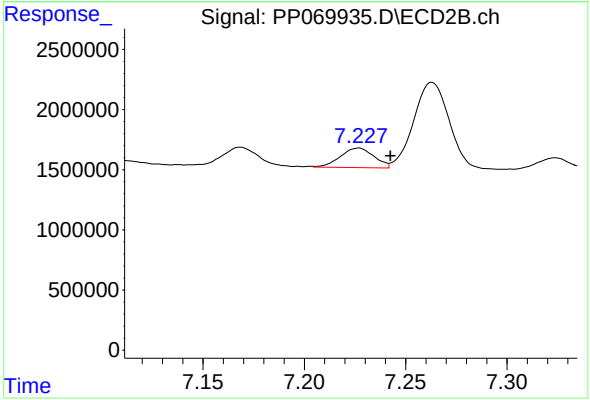
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 11236384
Conc: 186.79 ng/ml



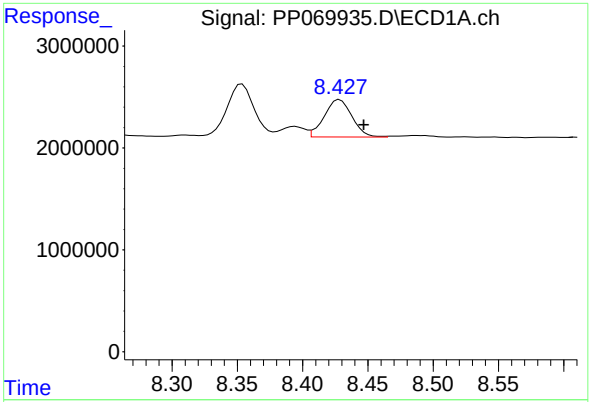
#34 AR-1260-4

R.T.: 8.092 min
Delta R.T.: -0.033 min
Response: 13934576
Conc: 211.20 ng/ml



#34 AR-1260-4

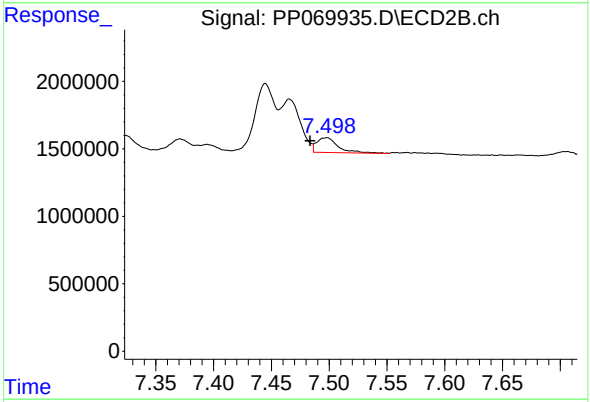
R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 1878914
Conc: 40.43 ng/ml



#35 AR-1260-5

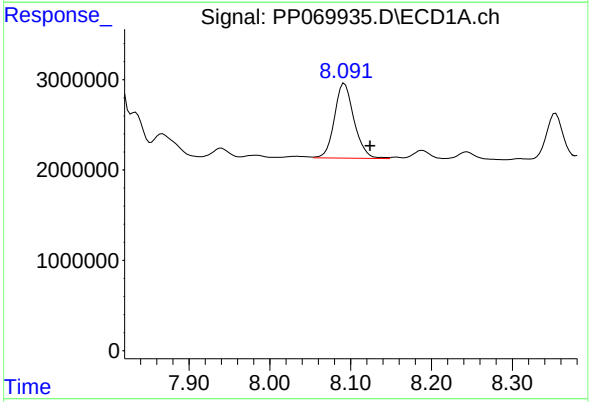
R.T.: 8.428 min
Delta R.T.: -0.018 min
Response: 5430452
Conc: 41.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



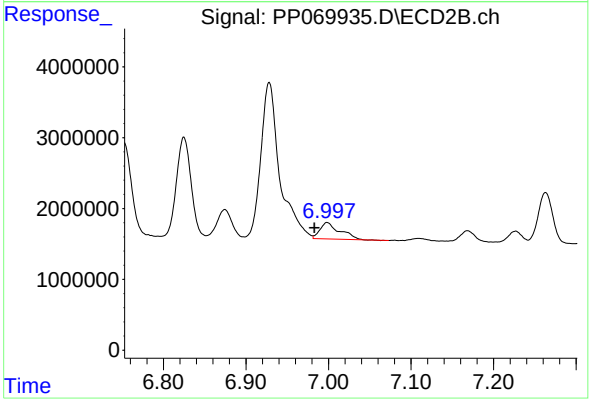
#35 AR-1260-5

R.T.: 7.498 min
Delta R.T.: 0.014 min
Response: 1438268
Conc: 12.94 ng/ml



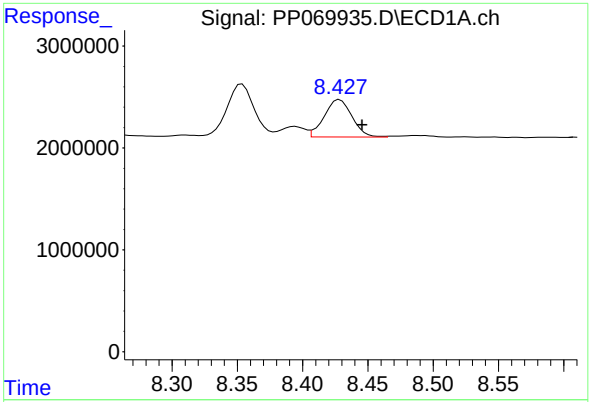
#36 AR-1262-1

R.T.: 8.092 min
Delta R.T.: -0.032 min
Response: 13934576
Conc: 176.35 ng/ml



#36 AR-1262-1

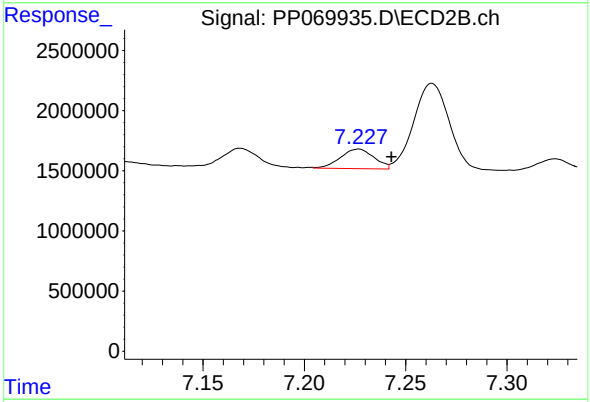
R.T.: 6.998 min
Delta R.T.: 0.015 min
Response: 3900189
Conc: 54.92 ng/ml



#37 AR-1262-2

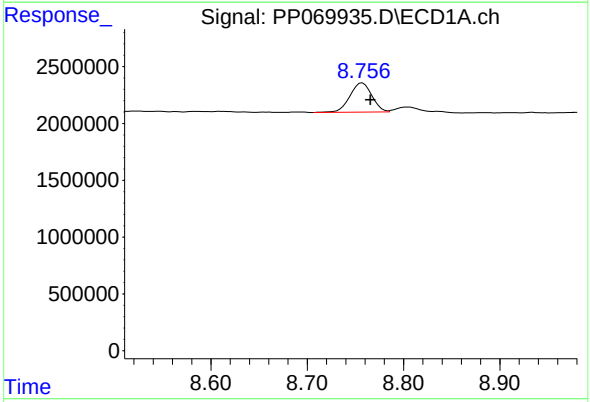
R.T.: 8.428 min
Delta R.T.: -0.017 min
Response: 5430452
Conc: 35.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



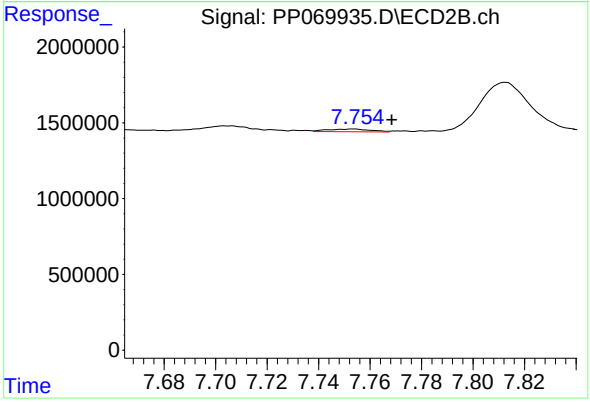
#37 AR-1262-2

R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 1878914
Conc: 30.81 ng/ml



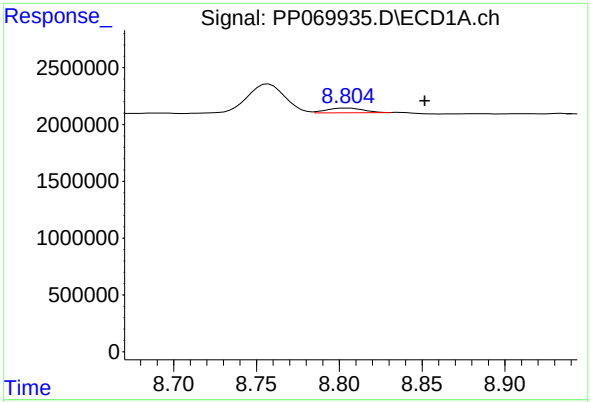
#38 AR-1262-3

R.T.: 8.757 min
Delta R.T.: -0.008 min
Response: 4096396
Conc: 38.54 ng/ml



#38 AR-1262-3

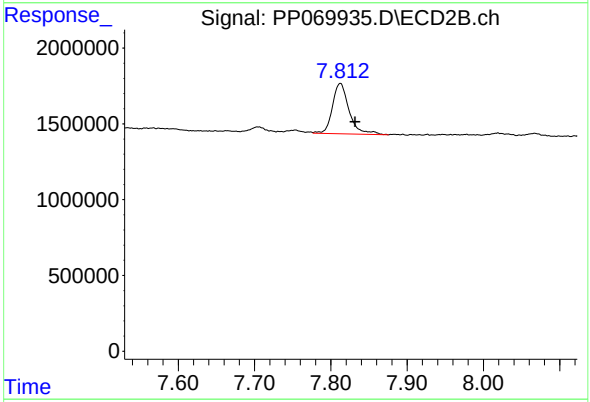
R.T.: 7.753 min
Delta R.T.: -0.015 min
Response: 213828
Conc: 4.09 ng/ml



#39 AR-1262-4

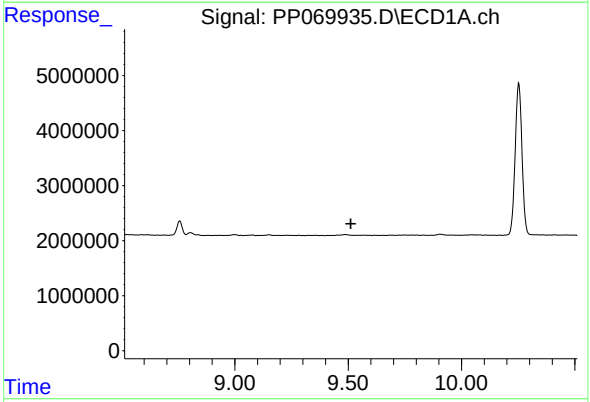
R.T.: 8.805 min
Delta R.T.: -0.047 min
Response: 633398
Conc: 7.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



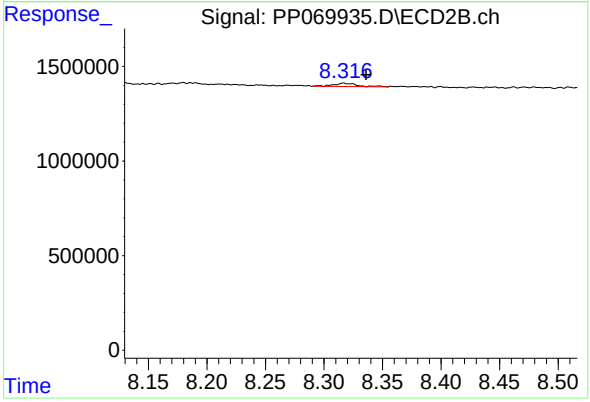
#39 AR-1262-4

R.T.: 7.813 min
Delta R.T.: -0.020 min
Response: 5031911
Conc: 54.44 ng/ml



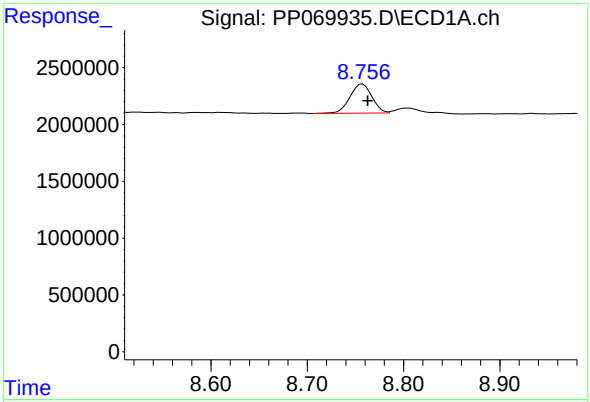
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

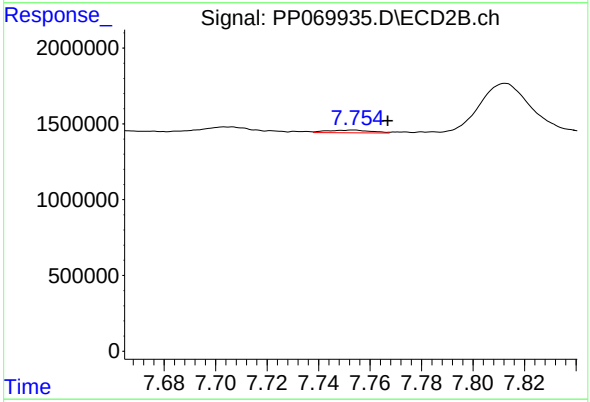
R.T.: 8.317 min
Delta R.T.: -0.019 min
Response: 251162
Conc: 5.26 ng/ml



#41 AR-1268-1

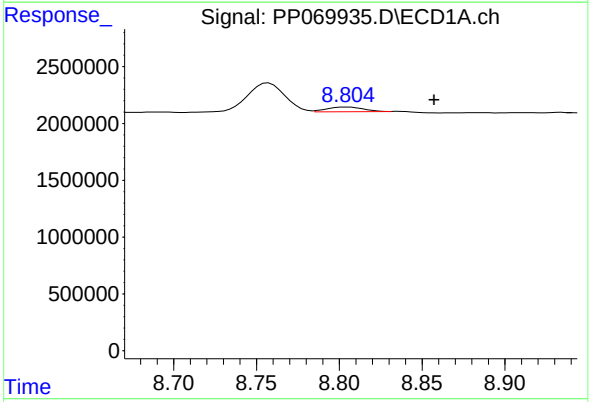
R.T.: 8.757 min
Delta R.T.: -0.006 min
Response: 4096396
Conc: 23.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



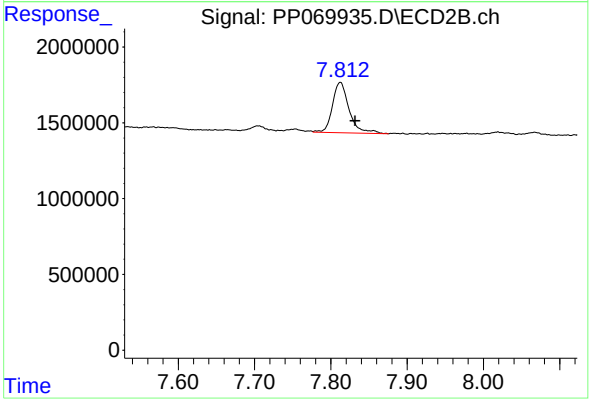
#41 AR-1268-1

R.T.: 7.753 min
Delta R.T.: -0.013 min
Response: 213828
Conc: 1.47 ng/ml



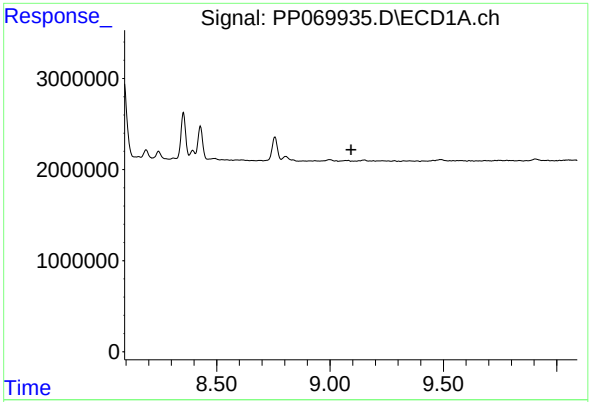
#42 AR-1268-2

R.T.: 8.805 min
Delta R.T.: -0.052 min
Response: 633398
Conc: 4.02 ng/ml



#42 AR-1268-2

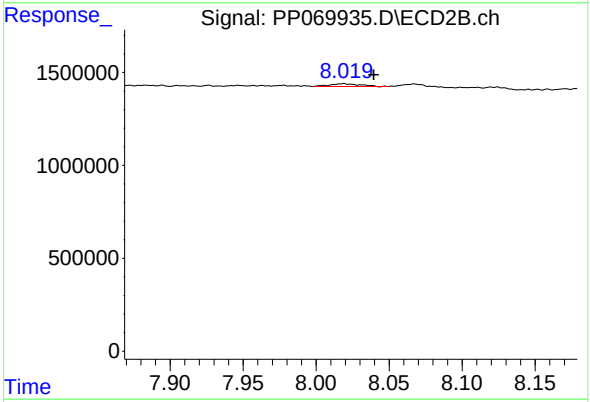
R.T.: 7.813 min
Delta R.T.: -0.019 min
Response: 5031911
Conc: 37.89 ng/ml



#43 AR-1268-3

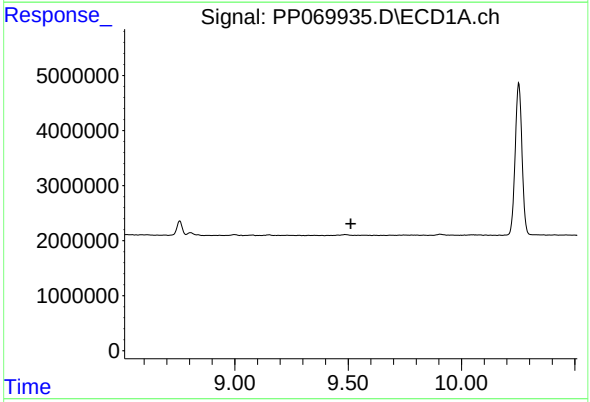
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



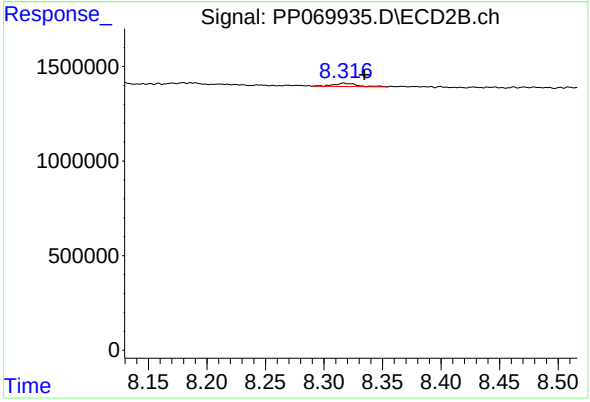
#43 AR-1268-3

R.T.: 8.019 min
Delta R.T.: -0.021 min
Response: 209850
Conc: 1.85 ng/ml



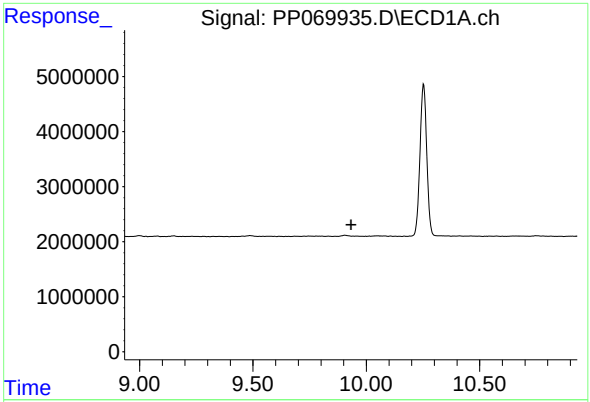
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

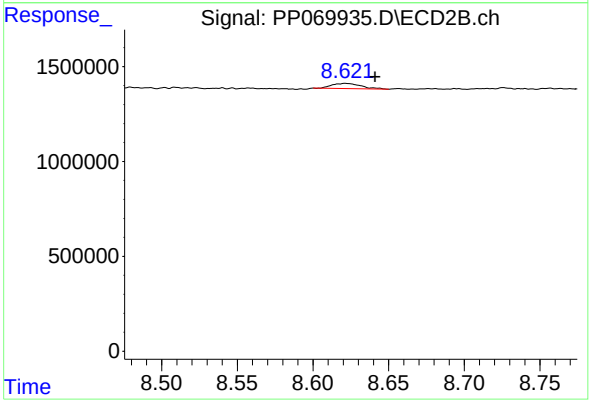
R.T.: 8.317 min
Delta R.T.: -0.018 min
Response: 251162
Conc: 4.82 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 8.622 min
Delta R.T.: -0.019 min
Response: 368486
Conc: 1.03 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:33
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:58:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.830	34997045	18942560	24.448	21.223	
2)	SA Decachlor...	10.253	8.887	26181347	25973403	23.956	23.222	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.935	0	34606	N.D.	1.061	#
4)	L1 AR-1016-2	0.000	4.970	0	163871	N.D.	3.645	#
5)	L1 AR-1016-3	0.000	5.187f	0	1577832	N.D.	63.408	#
6)	L1 AR-1016-4	0.000	5.187	0	1577832	N.D.	78.125	#
7)	L1 AR-1016-5	0.000	5.394	0	4072707	N.D.	151.831	#
8)	L2 AR-1221-1	0.000	4.047	0	136332	N.D.	11.068	#
9)	L2 AR-1221-2	4.827	4.133	494907	461042	36.144	47.612	#
10)	L2 AR-1221-3	0.000	4.233	0	12178	N.D.	0.417	#
11)	L3 AR-1232-1	4.827f	4.233	494907	12178	14.865	0.519	#
12)	L3 AR-1232-2	0.000	4.935	0	34606	N.D.	1.468	#
13)	L3 AR-1232-3	0.000	5.187f	0	1577832	N.D.	121.866	#
14)	L3 AR-1232-4	0.000	5.234	0	1525909	N.D.	137.639	#
15)	L3 AR-1232-5	6.024f	5.394	741630	4072707	64.701	333.546	#
16)	L4 AR-1242-1	0.000	4.935	0	34606	N.D.	1.200	#
17)	L4 AR-1242-2	0.000	4.935	0	34606	N.D.	0.878	#
18)	L4 AR-1242-3	0.000	5.187f	0	1577832	N.D.	70.113	#
19)	L4 AR-1242-4	0.000	5.234	0	1525909	N.D.	70.702	#
20)	L4 AR-1242-5	6.620	5.750	2413219	1471473	74.061	51.149	#
21)	L5 AR-1248-1	0.000	4.935	0	34606	N.D.	1.572	#
22)	L5 AR-1248-2	6.024f	5.187	741630	1577832	17.472	52.481	#
23)	L5 AR-1248-3	0.000	5.234	0	1525909	N.D.	49.248	#
24)	L5 AR-1248-4	6.575	5.394	3401131	4072707	61.703	110.241	#
25)	L5 AR-1248-5	6.620	5.795	2413219	3044957	45.205	81.439	#
26)	L6 AR-1254-1	6.533	5.750	5319406	1471473	91.930	26.727	#
27)	L6 AR-1254-2	6.752	5.875	407175	3098811	5.074	64.066	#
28)	L6 AR-1254-3	7.101	6.286	6026625	6492941	71.500	85.550	
29)	L6 AR-1254-4	7.398	6.532	7228863	584806	106.014	11.411	#
31)	L7 AR-1260-1	7.221f	6.432	11587828	2225394	198.299	46.142	#
32)	L7 AR-1260-2	7.538	6.579f	1864351	3884275	23.959	63.361	#
33)	L7 AR-1260-3	7.902	6.756	813122	642408	13.006	10.679	
34)	L7 AR-1260-4	0.000	7.308f	0	279936	N.D.	6.024	#
35)	L7 AR-1260-5	0.000	7.525f	0	188023	N.D.	1.692	#
37)	L8 AR-1262-2	0.000	7.308f	0	279936	N.D.	4.591	#
38)	L8 AR-1262-3	0.000	7.771	0	1037197	N.D.	19.832	#
39)	L8 AR-1262-4	0.000	7.852	0	313808	N.D.	3.395	#
41)	L9 AR-1268-1	0.000	7.771	0	1037197	N.D.	7.147	#
42)	L9 AR-1268-2	0.000	7.852	0	313808	N.D.	2.363	#
43)	L9 AR-1268-3	0.000	8.025	0	418741	N.D.	3.682	#
45)	L9 AR-1268-5	0.000	8.621	0	240788	N.D.	0.676	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:33
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:58:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

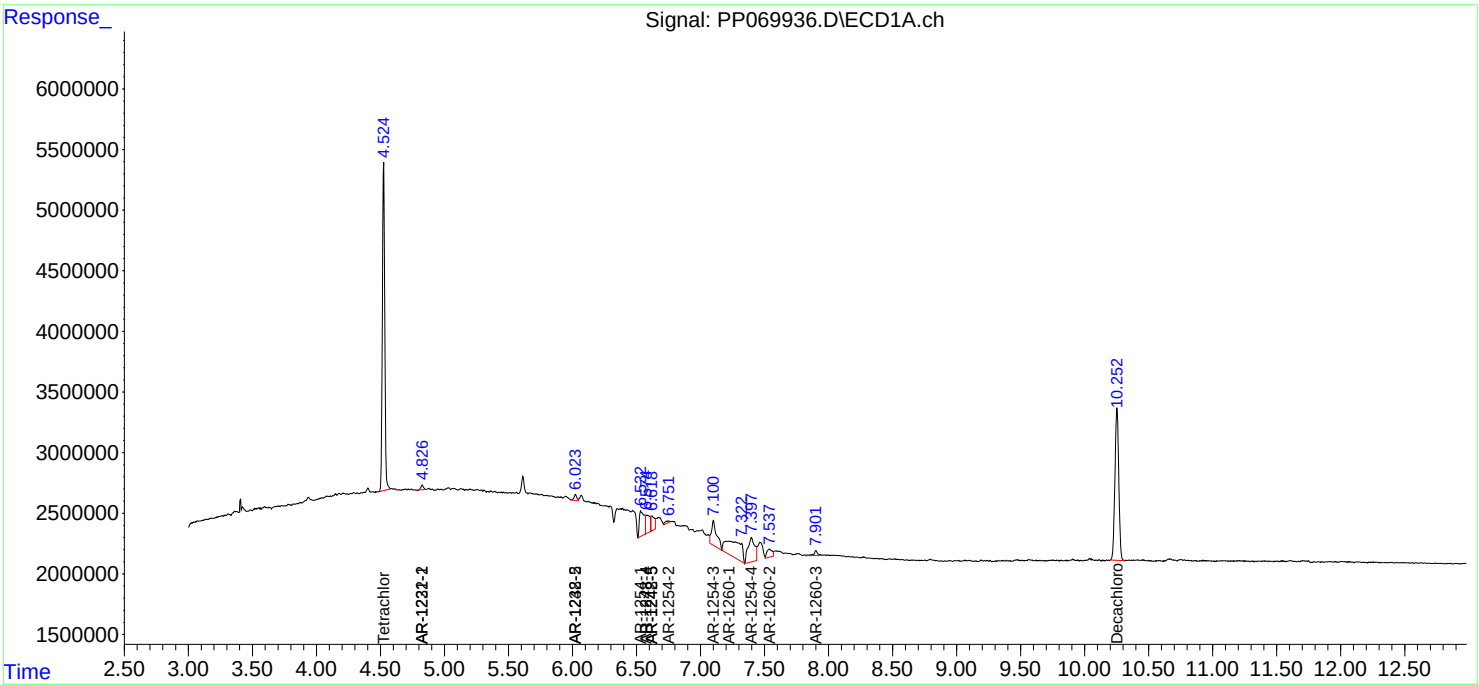
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

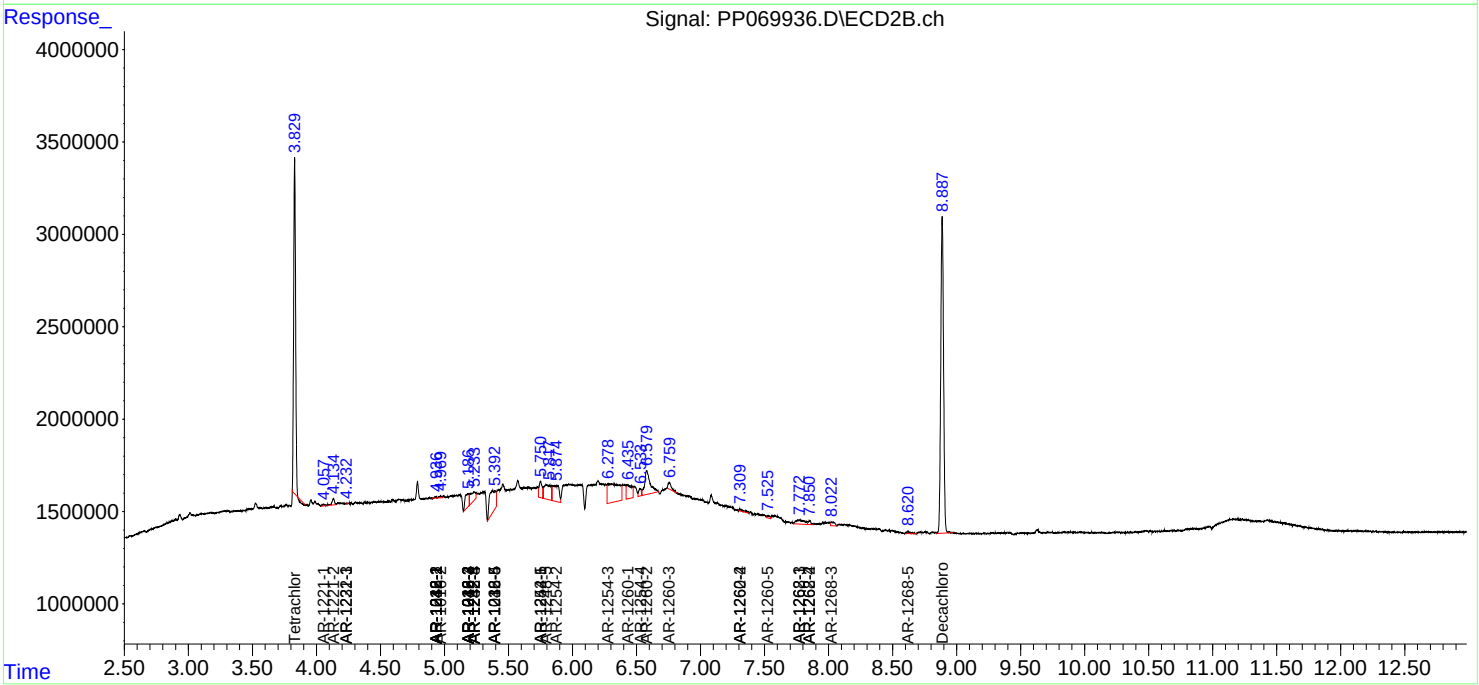
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 22:33
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

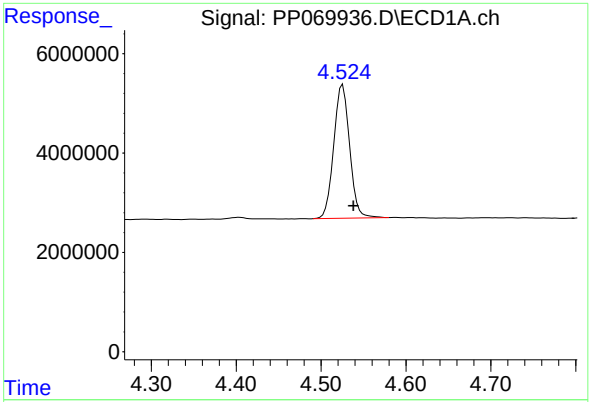
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 23:58:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



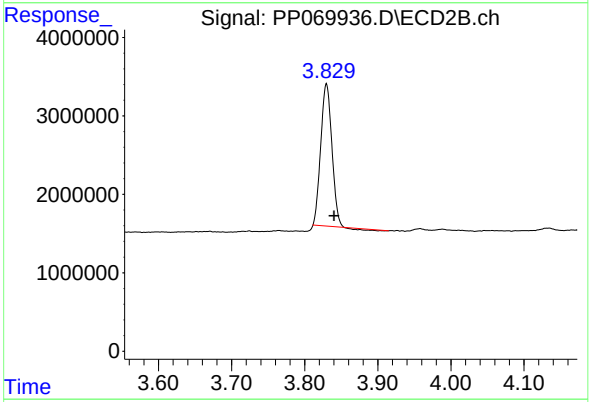




#1 Tetrachloro-m-xylene

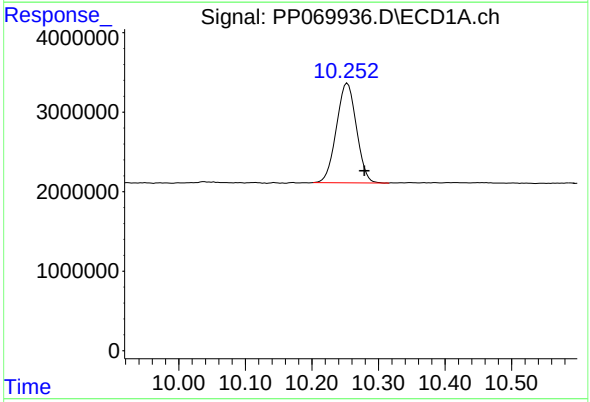
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 34997045
Conc: 24.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



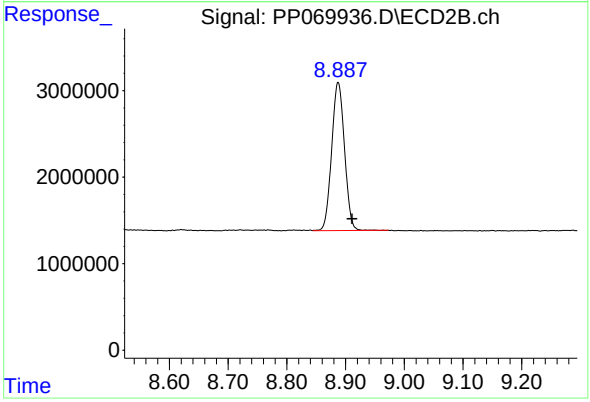
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 18942560
Conc: 21.22 ng/ml



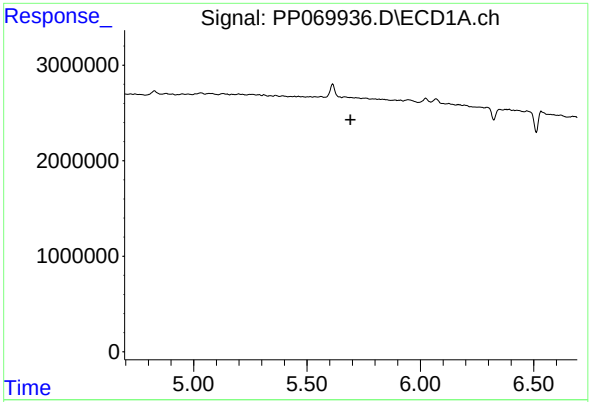
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.025 min
Response: 26181347
Conc: 23.96 ng/ml



#2 Decachlorobiphenyl

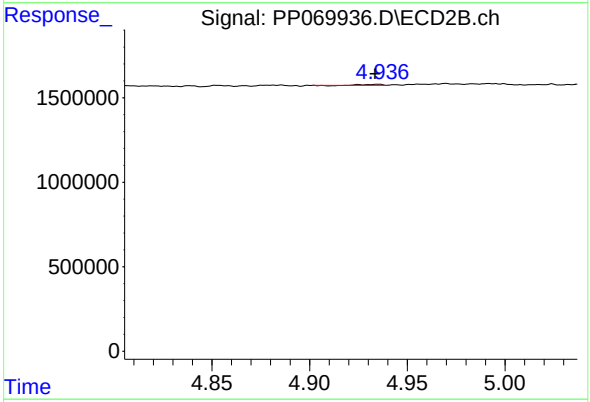
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 25973403
Conc: 23.22 ng/ml



#3 AR-1016-1

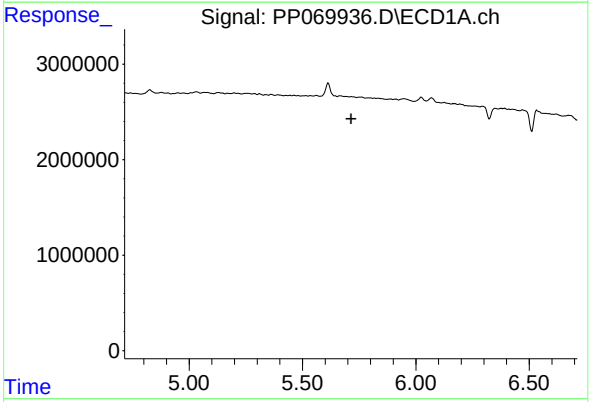
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



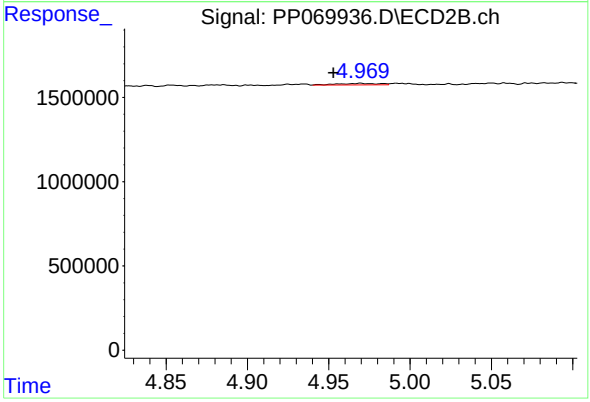
#3 AR-1016-1

R.T.: 4.935 min
Delta R.T.: 0.001 min
Response: 34606
Conc: 1.06 ng/ml



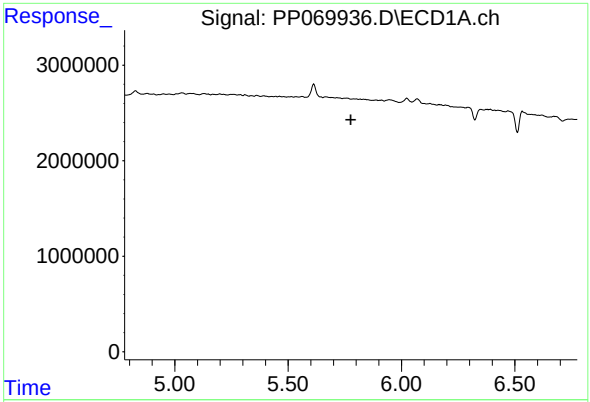
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

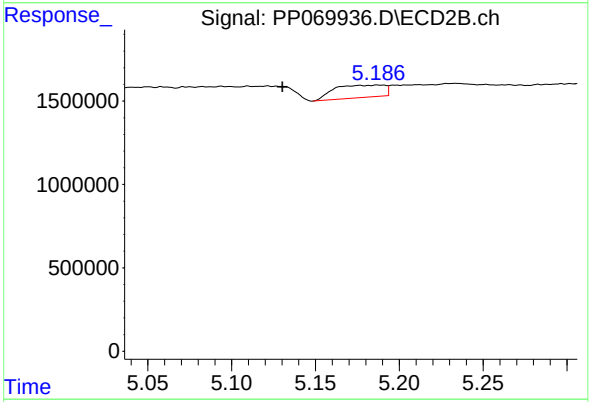
R.T.: 4.970 min
Delta R.T.: 0.017 min
Response: 163871
Conc: 3.64 ng/ml



#5 AR-1016-3

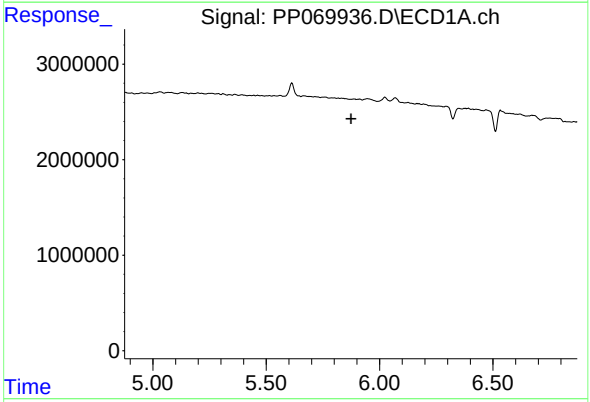
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



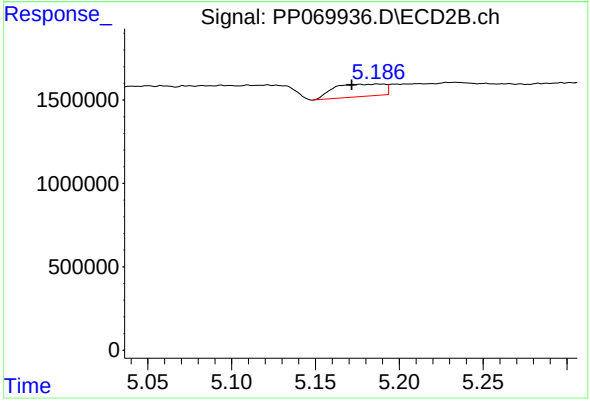
#5 AR-1016-3

R.T.: 5.187 min
Delta R.T.: 0.057 min
Response: 1577832
Conc: 63.41 ng/ml



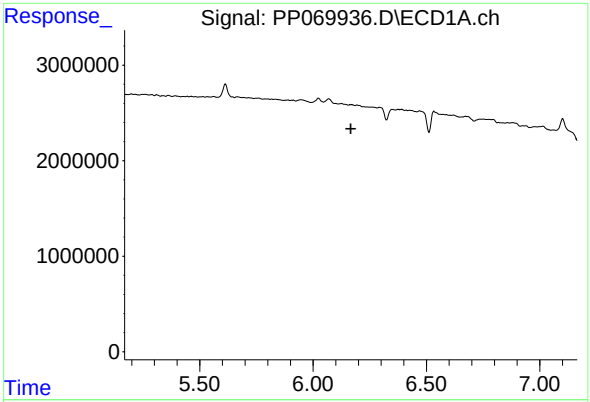
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

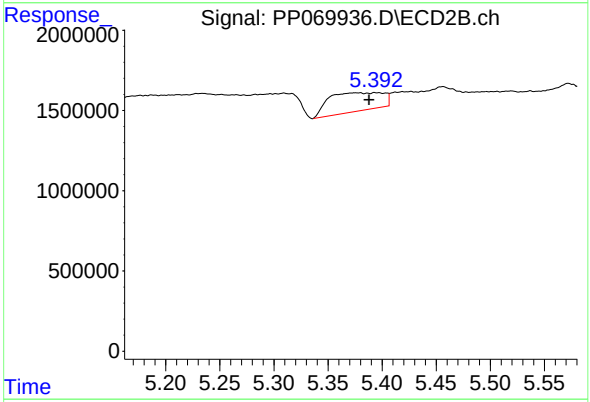
R.T.: 5.187 min
Delta R.T.: 0.016 min
Response: 1577832
Conc: 78.12 ng/ml



#7 AR-1016-5

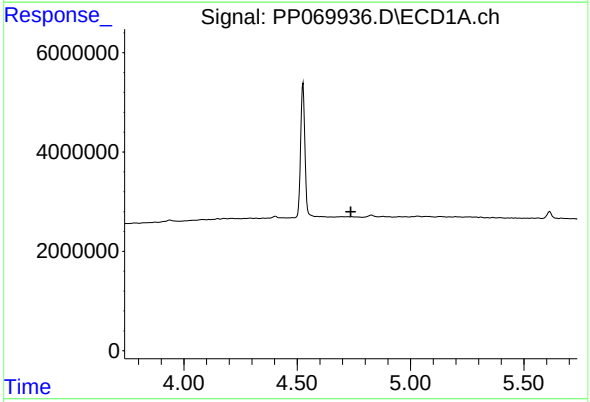
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



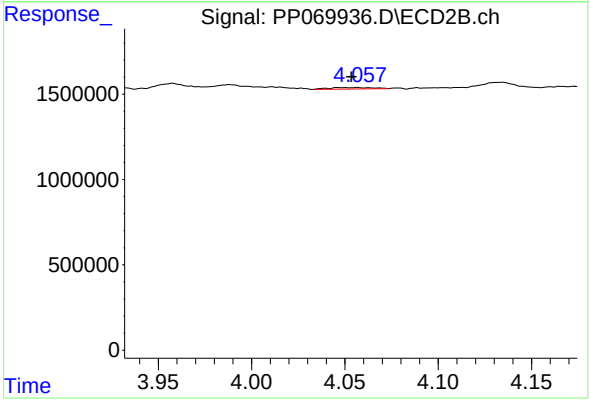
#7 AR-1016-5

R.T.: 5.394 min
Delta R.T.: 0.006 min
Response: 4072707
Conc: 151.83 ng/ml



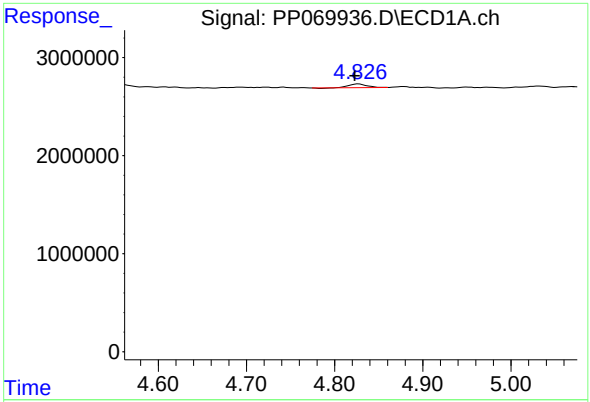
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

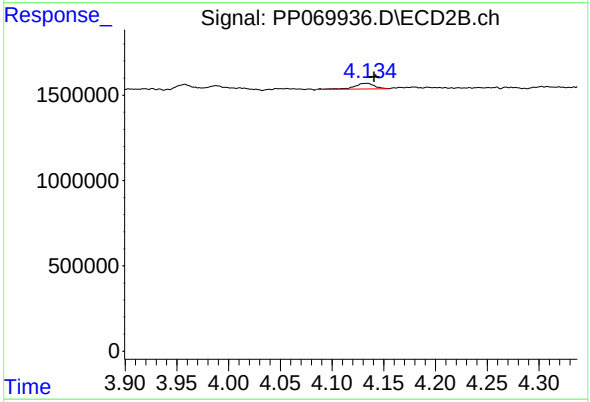
R.T.: 4.047 min
Delta R.T.: -0.007 min
Response: 136332
Conc: 11.07 ng/ml



#9 AR-1221-2

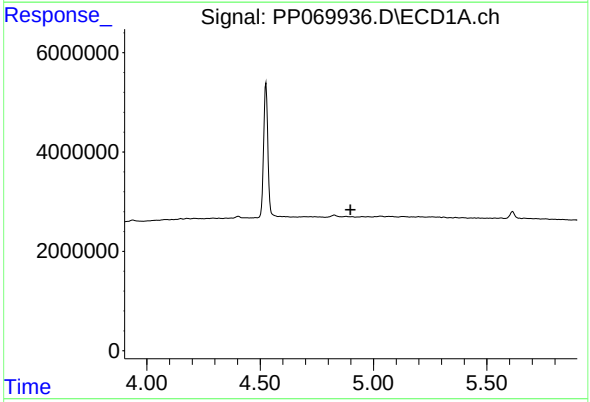
R.T.: 4.827 min
Delta R.T.: 0.004 min
Response: 494907
Conc: 36.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



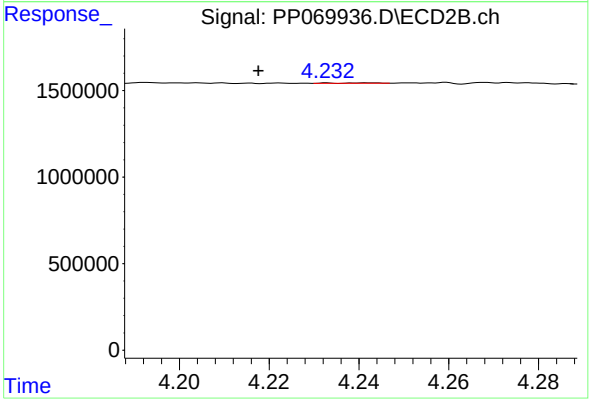
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.007 min
Response: 461042
Conc: 47.61 ng/ml



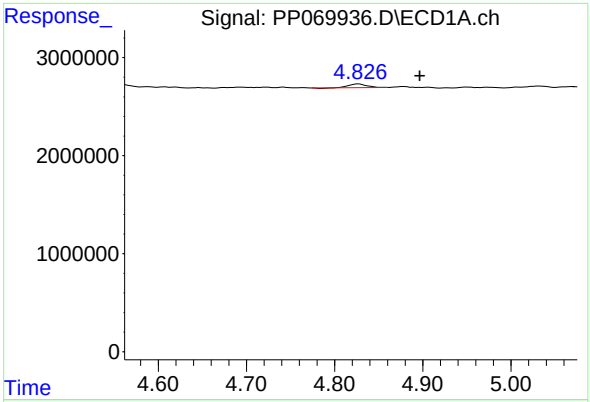
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

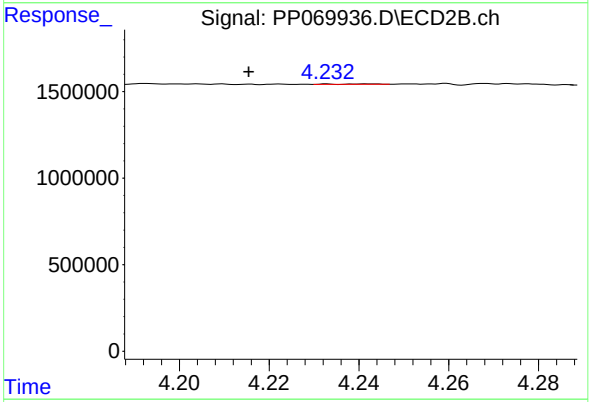
R.T.: 4.233 min
Delta R.T.: 0.015 min
Response: 12178
Conc: 0.42 ng/ml



#11 AR-1232-1

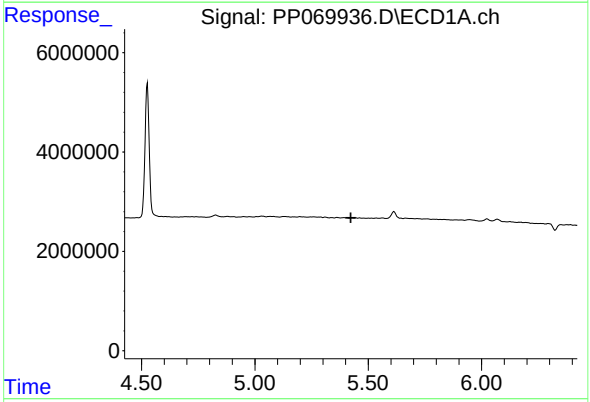
R.T.: 4.827 min
Delta R.T.: -0.069 min
Response: 494907
Conc: 14.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



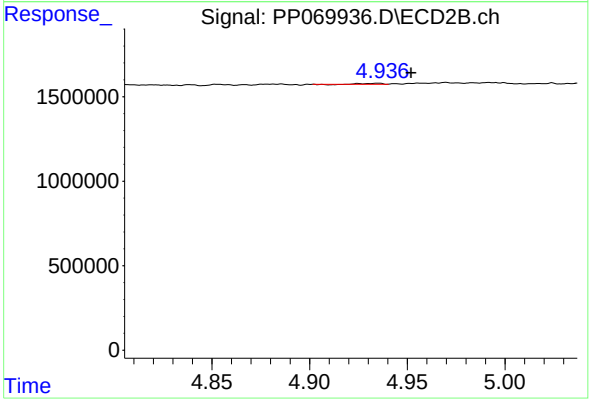
#11 AR-1232-1

R.T.: 4.233 min
Delta R.T.: 0.017 min
Response: 12178
Conc: 0.52 ng/ml



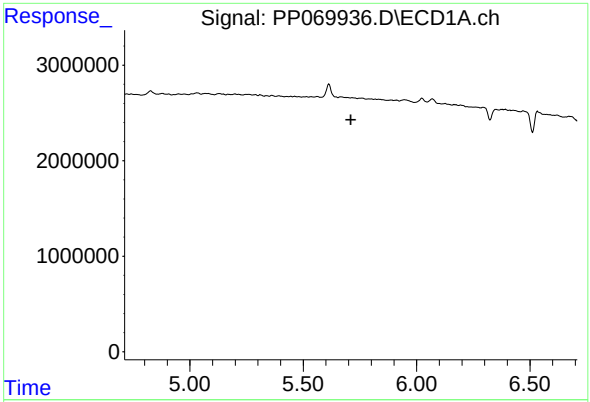
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

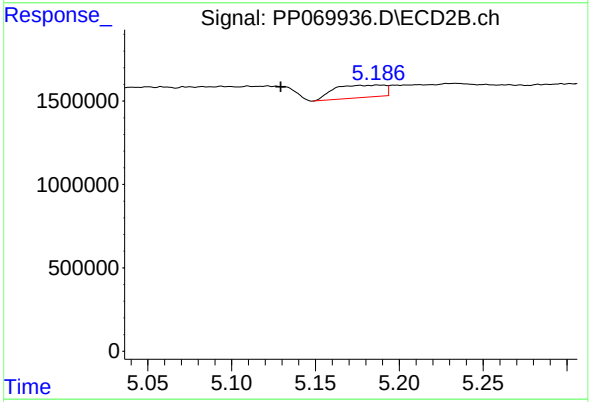
R.T.: 4.935 min
Delta R.T.: -0.017 min
Response: 34606
Conc: 1.47 ng/ml



#13 AR-1232-3

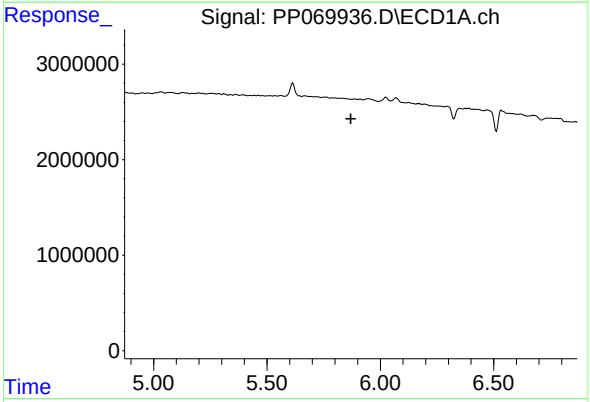
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



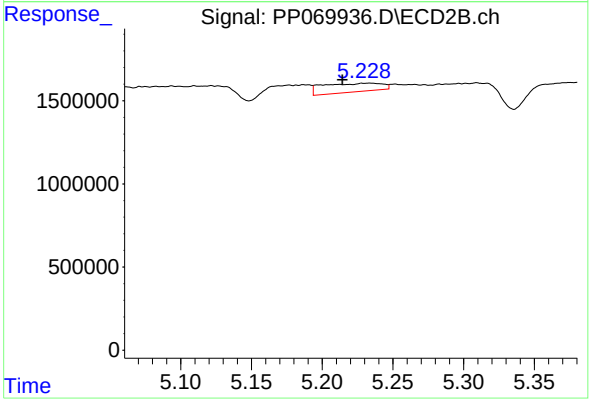
#13 AR-1232-3

R.T.: 5.187 min
Delta R.T.: 0.058 min
Response: 1577832
Conc: 121.87 ng/ml



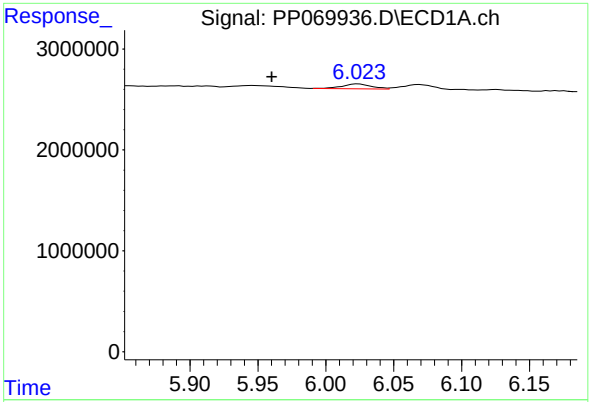
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

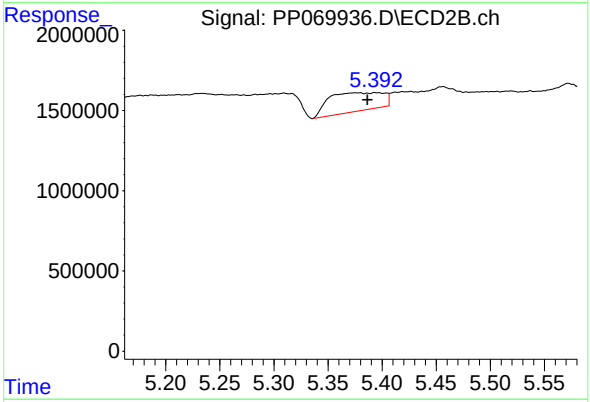
R.T.: 5.234 min
Delta R.T.: 0.020 min
Response: 1525909
Conc: 137.64 ng/ml



#15 AR-1232-5

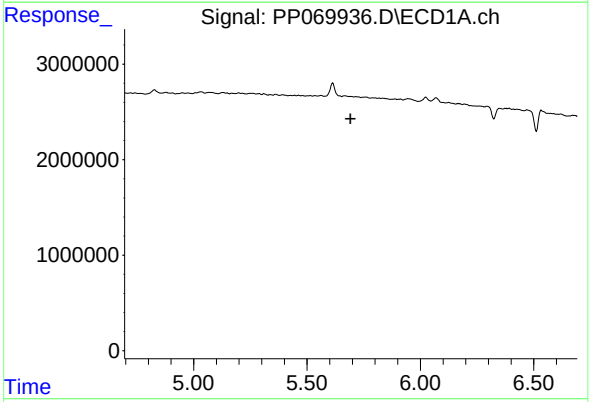
R.T.: 6.024 min
Delta R.T.: 0.064 min
Response: 741630
Conc: 64.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



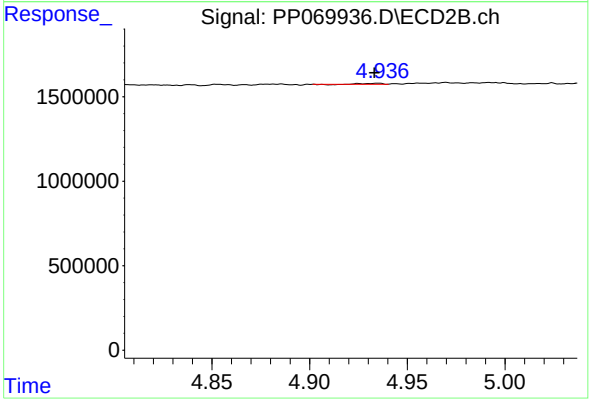
#15 AR-1232-5

R.T.: 5.394 min
Delta R.T.: 0.007 min
Response: 4072707
Conc: 333.55 ng/ml



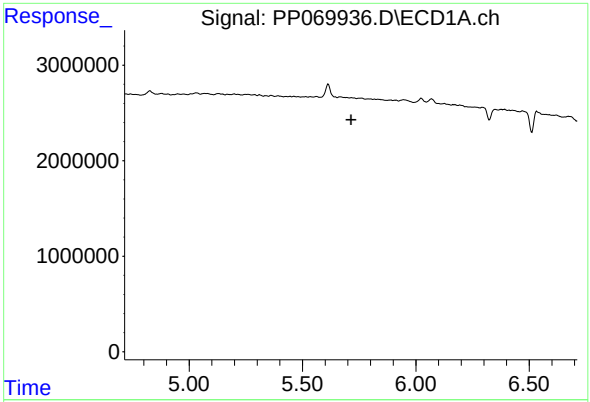
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

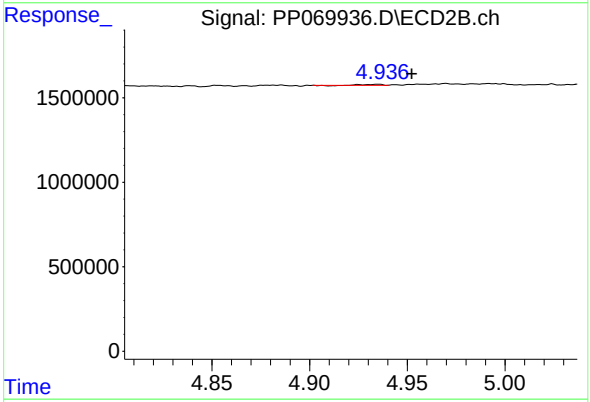
R.T.: 4.935 min
Delta R.T.: 0.002 min
Response: 34606
Conc: 1.20 ng/ml



#17 AR-1242-2

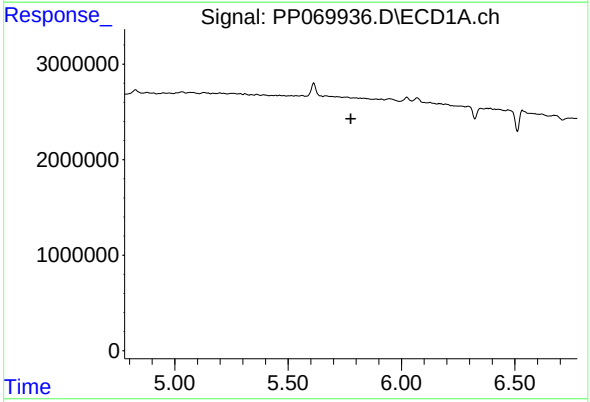
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



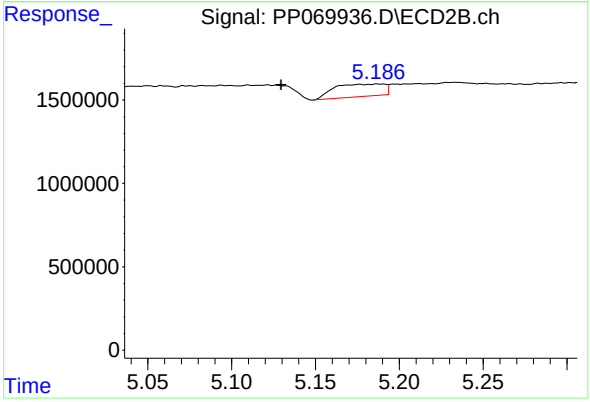
#17 AR-1242-2

R.T.: 4.935 min
Delta R.T.: -0.017 min
Response: 34606
Conc: 0.88 ng/ml



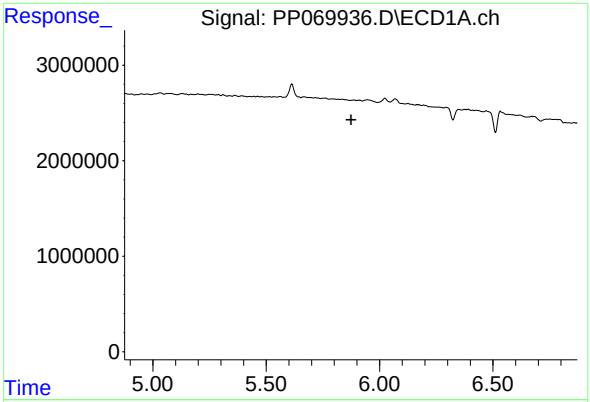
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

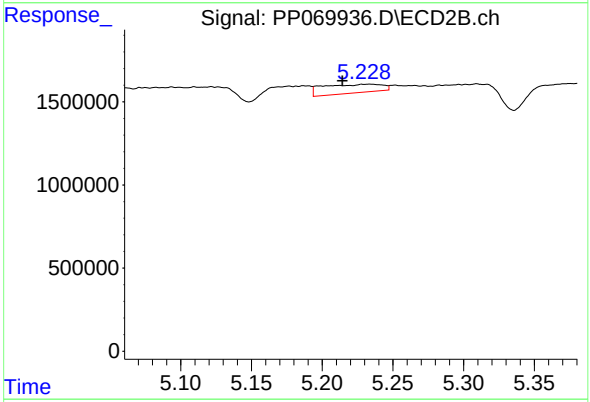
R.T.: 5.187 min
Delta R.T.: 0.058 min
Response: 1577832
Conc: 70.11 ng/ml



#19 AR-1242-4

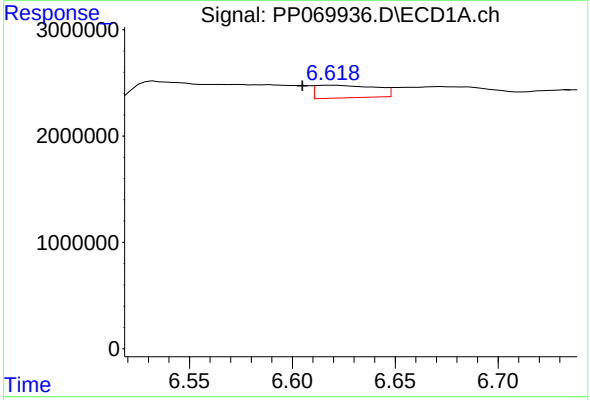
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



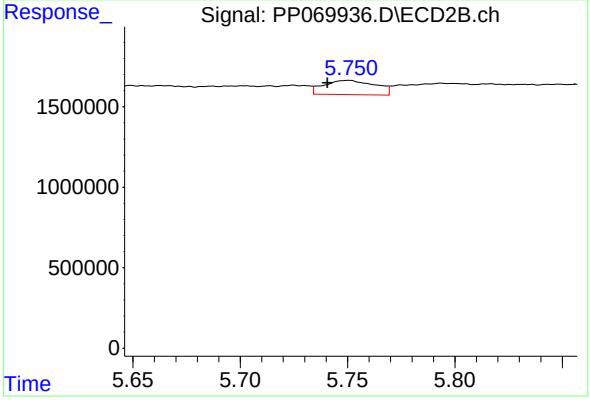
#19 AR-1242-4

R.T.: 5.234 min
Delta R.T.: 0.020 min
Response: 1525909
Conc: 70.70 ng/ml



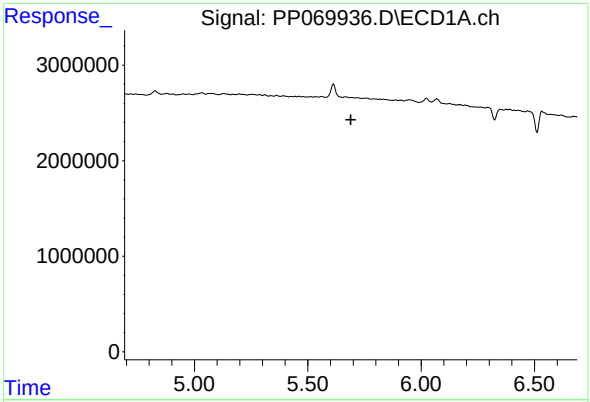
#20 AR-1242-5

R.T.: 6.620 min
Delta R.T.: 0.015 min
Response: 2413219
Conc: 74.06 ng/ml



#20 AR-1242-5

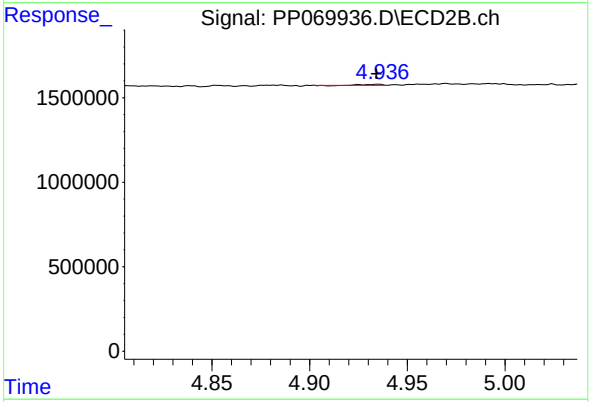
R.T.: 5.750 min
Delta R.T.: 0.009 min
Response: 1471473
Conc: 51.15 ng/ml



#21 AR-1248-1

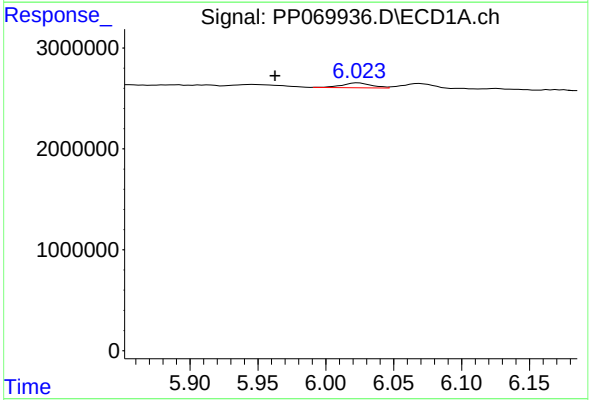
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



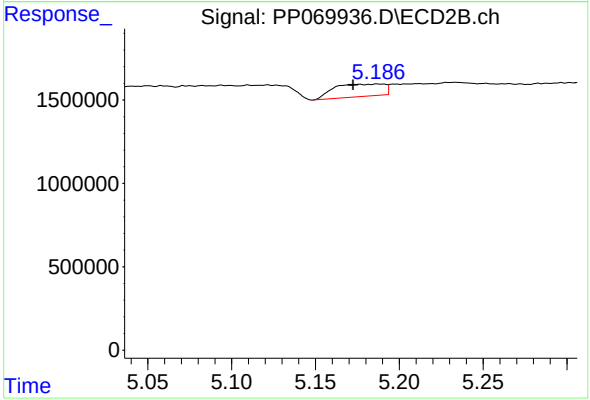
#21 AR-1248-1

R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 34606
Conc: 1.57 ng/ml



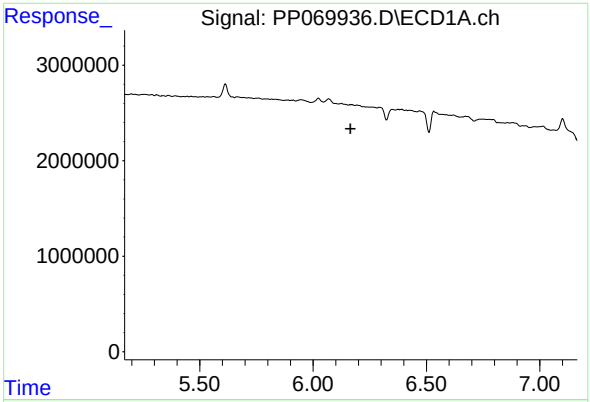
#22 AR-1248-2

R.T.: 6.024 min
Delta R.T.: 0.061 min
Response: 741630
Conc: 17.47 ng/ml



#22 AR-1248-2

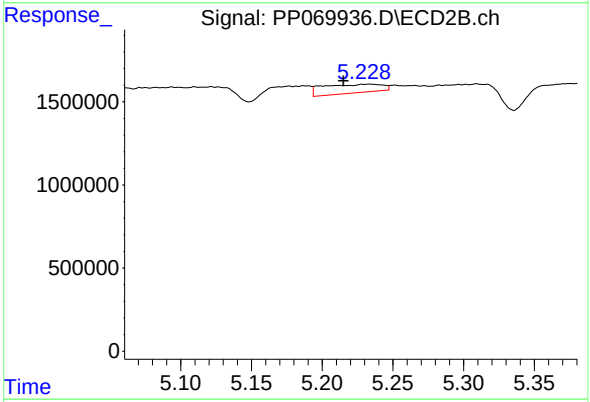
R.T.: 5.187 min
Delta R.T.: 0.015 min
Response: 1577832
Conc: 52.48 ng/ml



#23 AR-1248-3

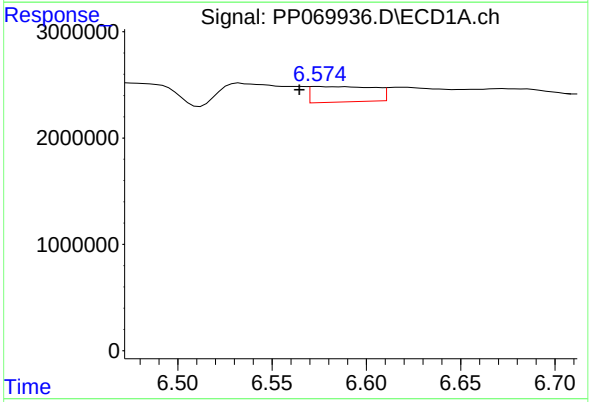
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



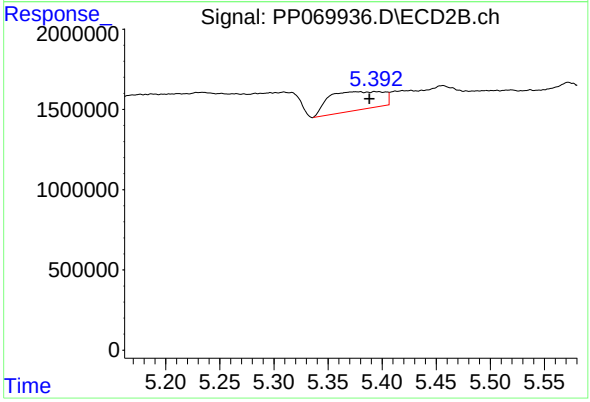
#23 AR-1248-3

R.T.: 5.234 min
Delta R.T.: 0.019 min
Response: 1525909
Conc: 49.25 ng/ml



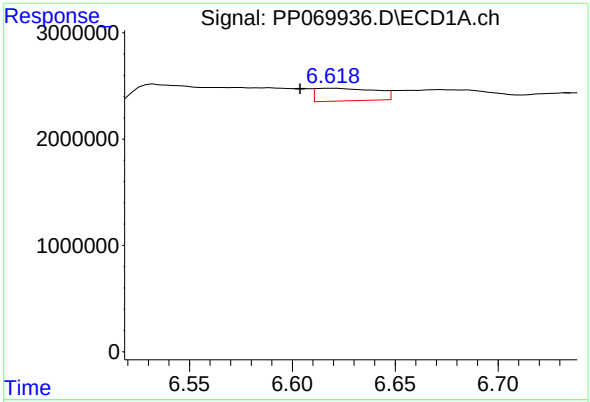
#24 AR-1248-4

R.T.: 6.575 min
Delta R.T.: 0.010 min
Response: 3401131
Conc: 61.70 ng/ml



#24 AR-1248-4

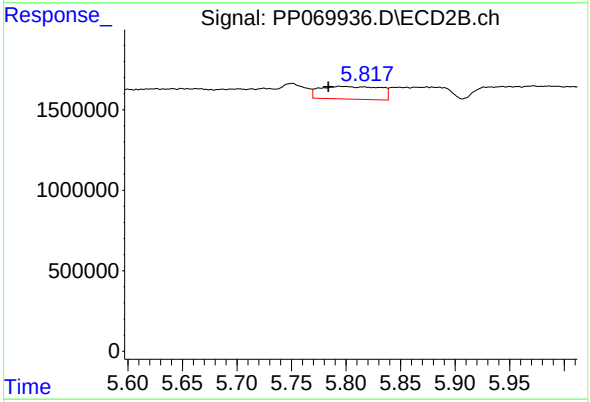
R.T.: 5.394 min
Delta R.T.: 0.005 min
Response: 4072707
Conc: 110.24 ng/ml



#25 AR-1248-5

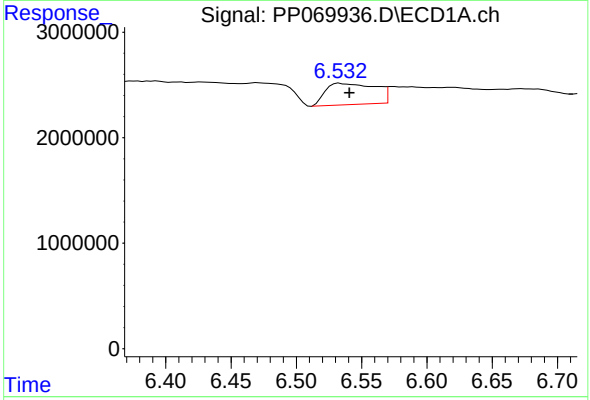
R.T.: 6.620 min
Delta R.T.: 0.016 min
Response: 2413219
Conc: 45.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



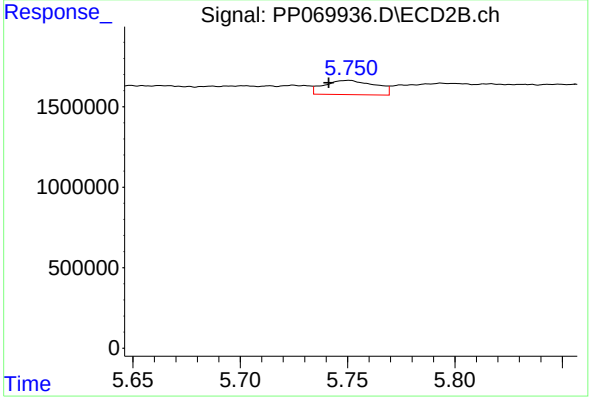
#25 AR-1248-5

R.T.: 5.795 min
Delta R.T.: 0.012 min
Response: 3044957
Conc: 81.44 ng/ml



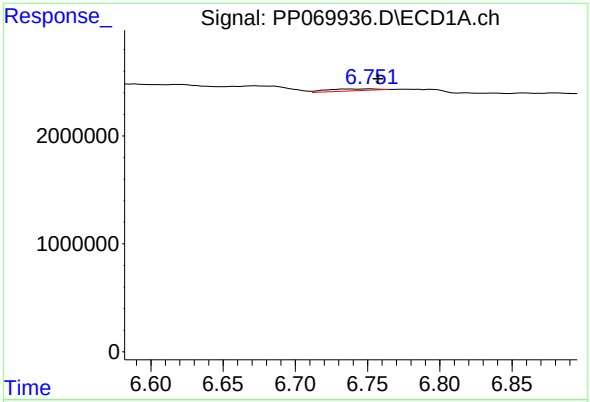
#26 AR-1254-1

R.T.: 6.533 min
Delta R.T.: -0.007 min
Response: 5319406
Conc: 91.93 ng/ml



#26 AR-1254-1

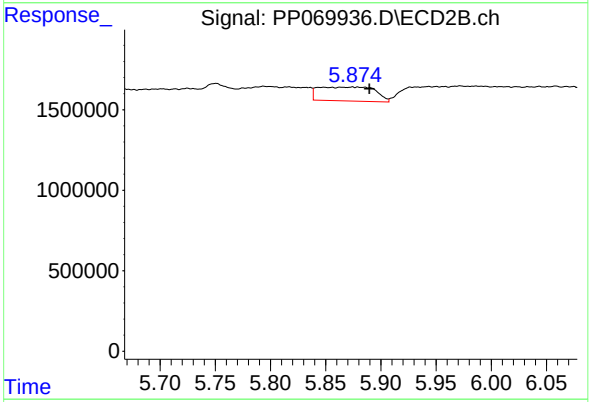
R.T.: 5.750 min
Delta R.T.: 0.009 min
Response: 1471473
Conc: 26.73 ng/ml



#27 AR-1254-2

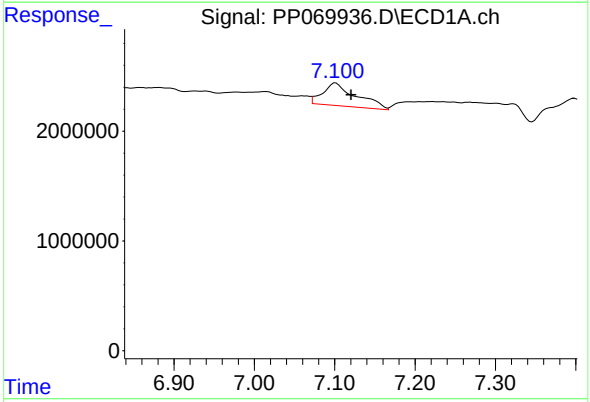
R.T.: 6.752 min
Delta R.T.: -0.005 min
Response: 407175
Conc: 5.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



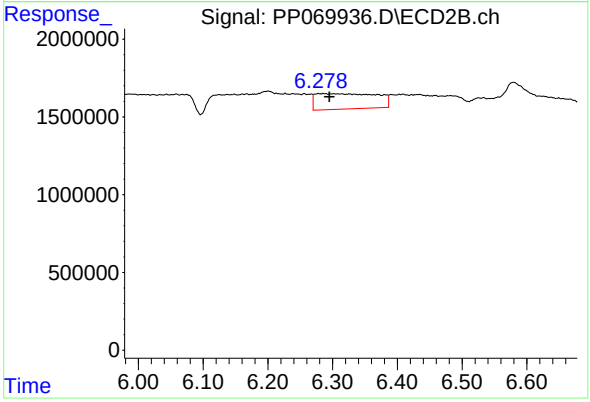
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 3098811
Conc: 64.07 ng/ml



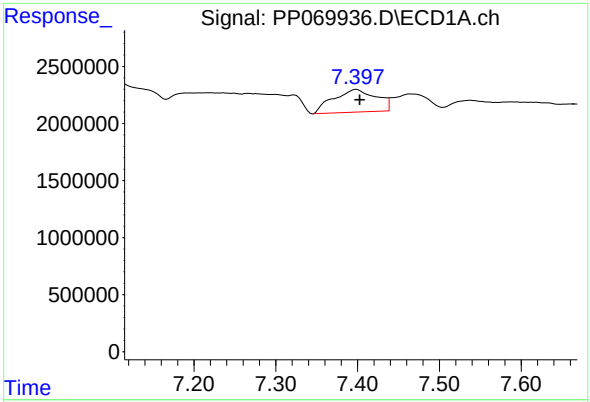
#28 AR-1254-3

R.T.: 7.101 min
Delta R.T.: -0.019 min
Response: 6026625
Conc: 71.50 ng/ml



#28 AR-1254-3

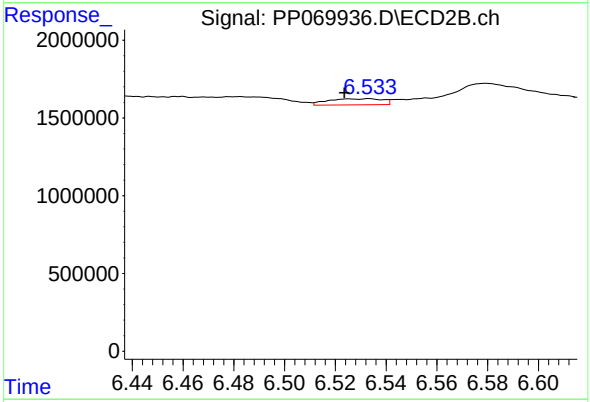
R.T.: 6.286 min
Delta R.T.: -0.009 min
Response: 6492941
Conc: 85.55 ng/ml



#29 AR-1254-4

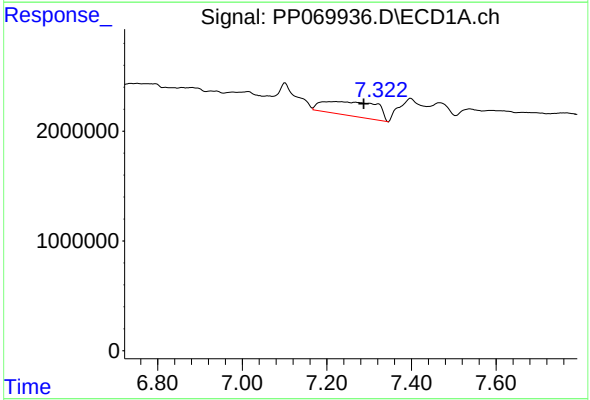
R.T.: 7.398 min
Delta R.T.: -0.004 min
Response: 7228863
Conc: 106.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



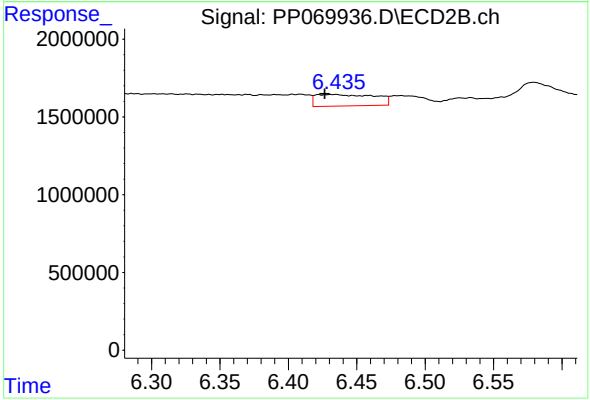
#29 AR-1254-4

R.T.: 6.532 min
Delta R.T.: 0.008 min
Response: 584806
Conc: 11.41 ng/ml



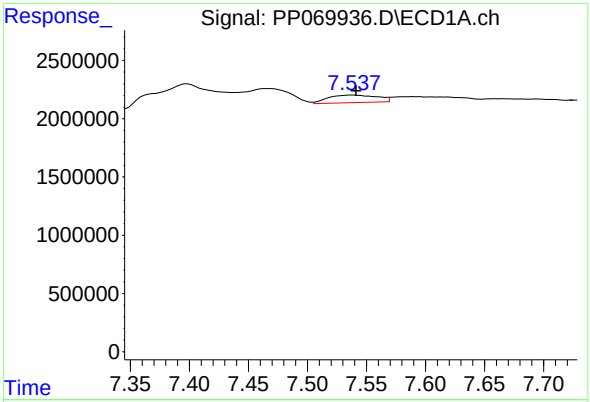
#31 AR-1260-1

R.T.: 7.221 min
Delta R.T.: -0.066 min
Response: 11587828
Conc: 198.30 ng/ml



#31 AR-1260-1

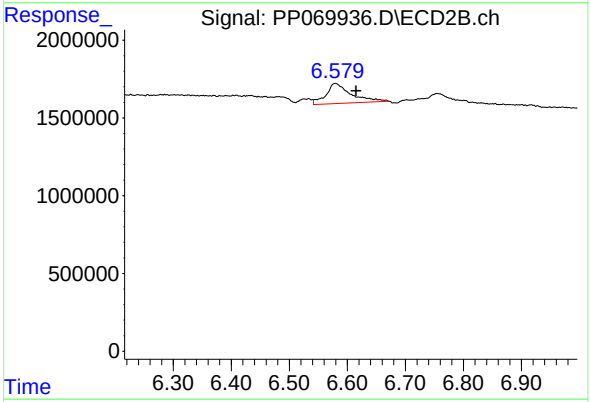
R.T.: 6.432 min
Delta R.T.: 0.006 min
Response: 2225394
Conc: 46.14 ng/ml



#32 AR-1260-2

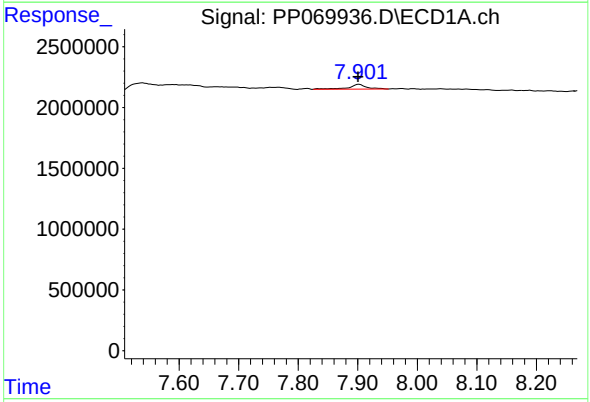
R.T.: 7.538 min
Delta R.T.: -0.003 min
Response: 1864351
Conc: 23.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



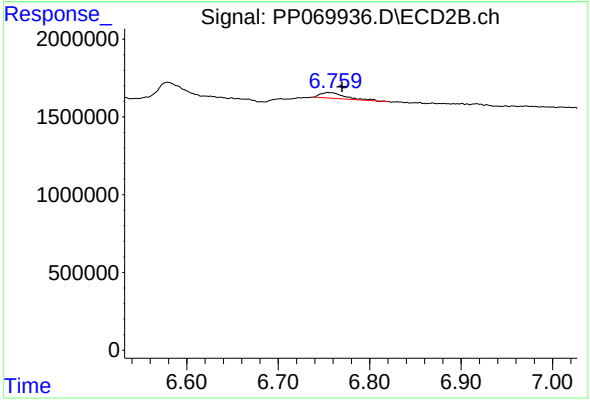
#32 AR-1260-2

R.T.: 6.579 min
Delta R.T.: -0.036 min
Response: 3884275
Conc: 63.36 ng/ml



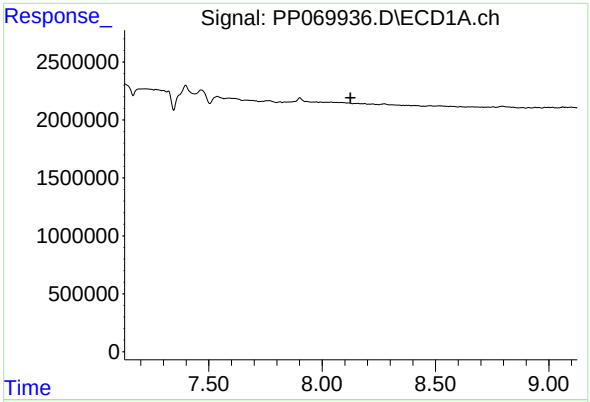
#33 AR-1260-3

R.T.: 7.902 min
Delta R.T.: 0.002 min
Response: 813122
Conc: 13.01 ng/ml



#33 AR-1260-3

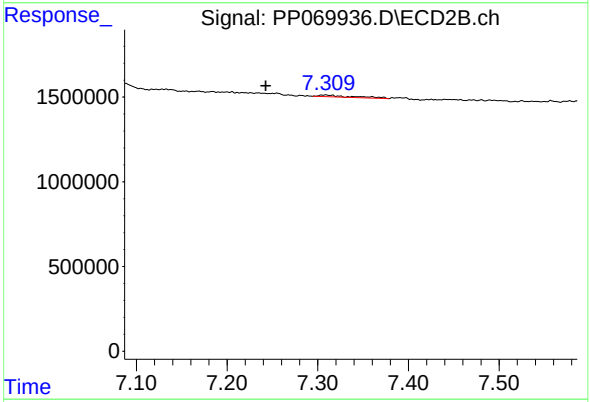
R.T.: 6.756 min
Delta R.T.: -0.014 min
Response: 642408
Conc: 10.68 ng/ml



#34 AR-1260-4

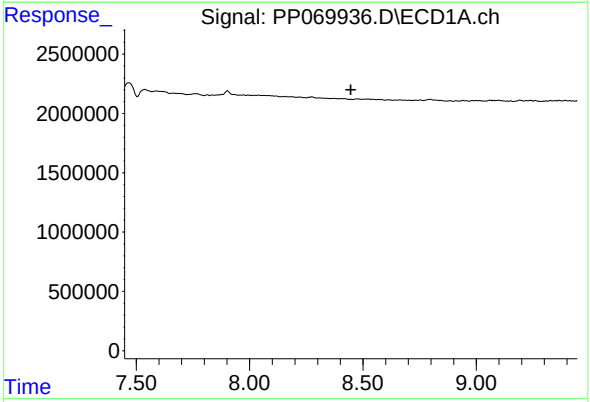
R.T.: 0.000 min
Exp R.T. : 8.125 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



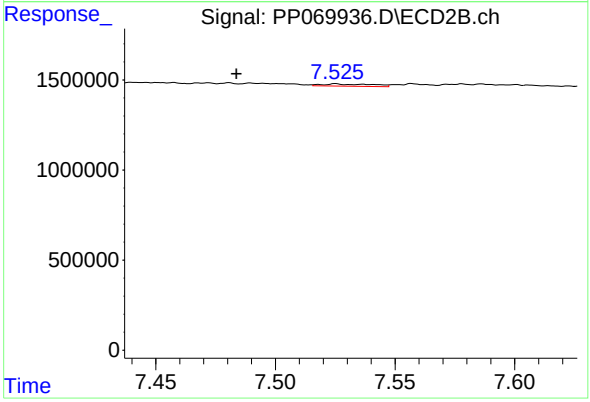
#34 AR-1260-4

R.T.: 7.308 min
Delta R.T.: 0.066 min
Response: 279936
Conc: 6.02 ng/ml



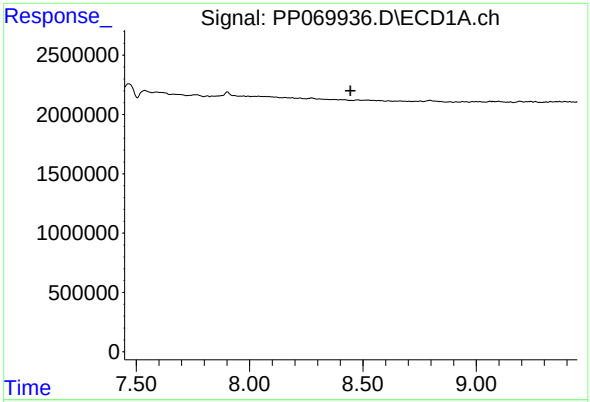
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.447 min
Response: 0
Conc: N.D.



#35 AR-1260-5

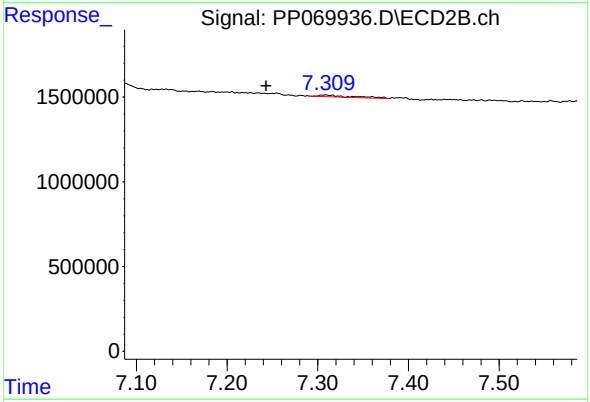
R.T.: 7.525 min
Delta R.T.: 0.042 min
Response: 188023
Conc: 1.69 ng/ml



#37 AR-1262-2

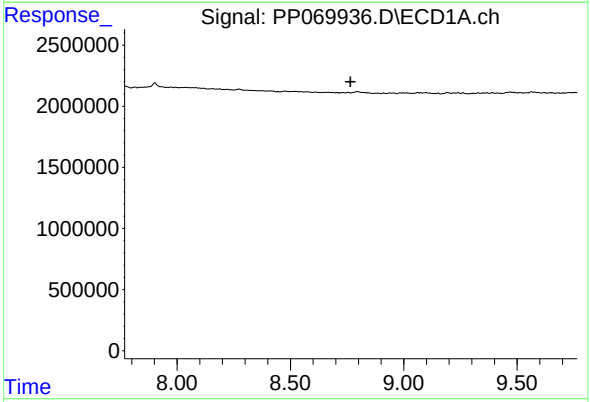
R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



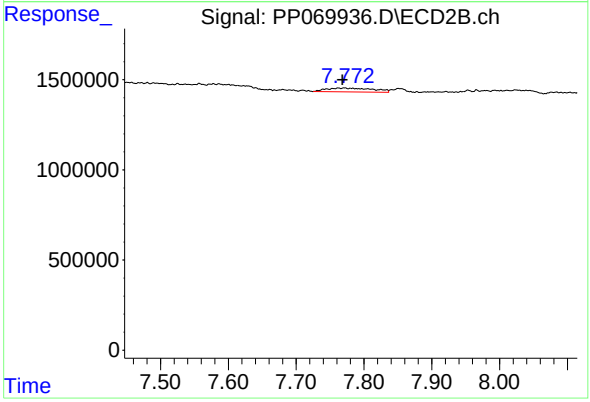
#37 AR-1262-2

R.T.: 7.308 min
Delta R.T.: 0.065 min
Response: 279936
Conc: 4.59 ng/ml



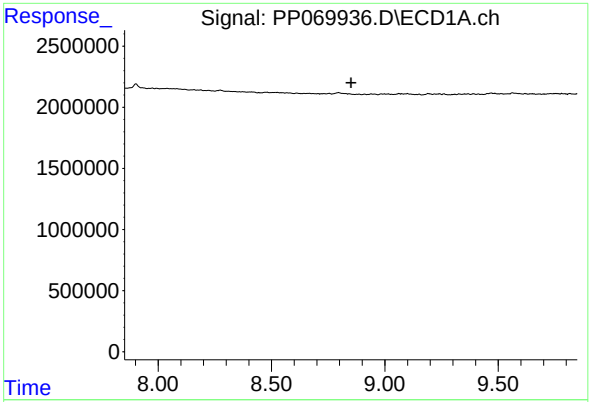
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

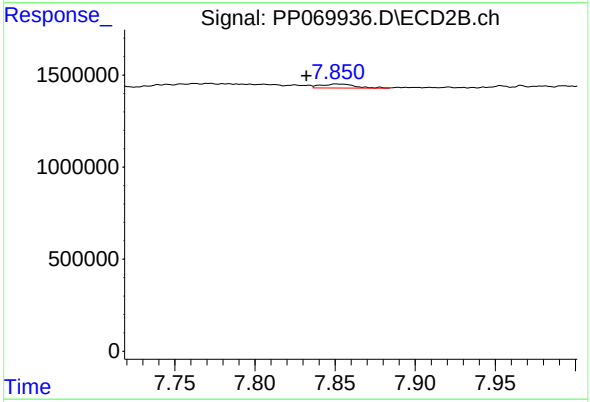
R.T.: 7.771 min
Delta R.T.: 0.003 min
Response: 1037197
Conc: 19.83 ng/ml



#39 AR-1262-4

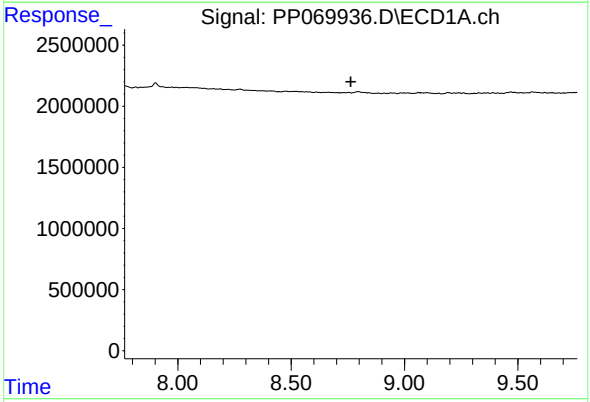
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



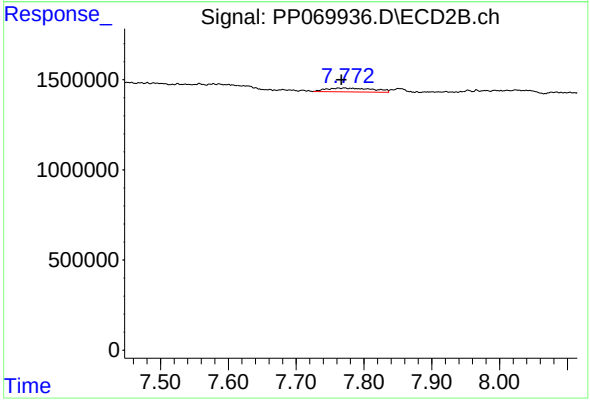
#39 AR-1262-4

R.T.: 7.852 min
Delta R.T.: 0.020 min
Response: 313808
Conc: 3.39 ng/ml



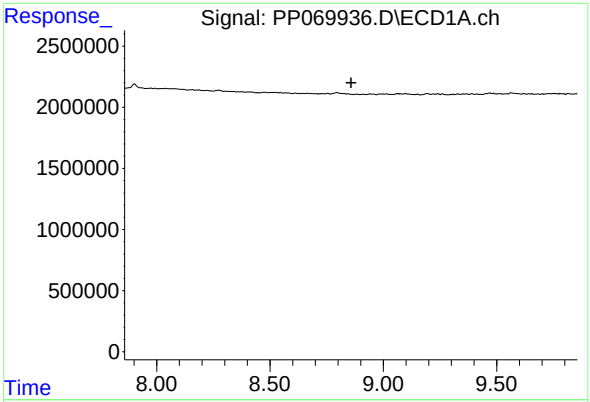
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

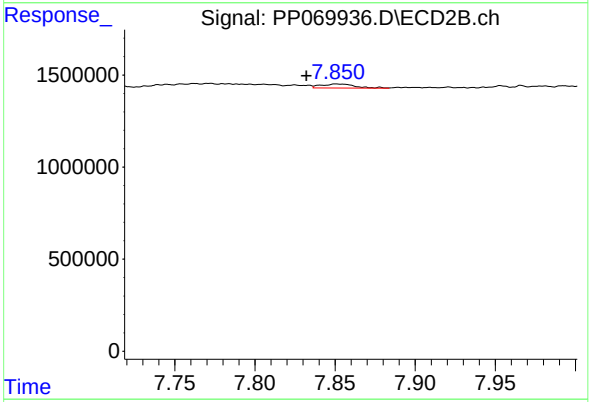
R.T.: 7.771 min
Delta R.T.: 0.004 min
Response: 1037197
Conc: 7.15 ng/ml



#42 AR-1268-2

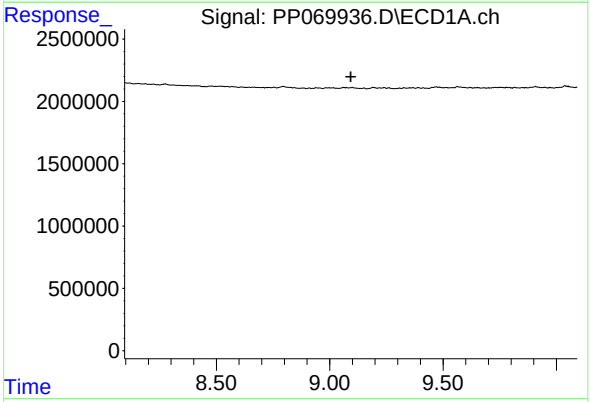
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



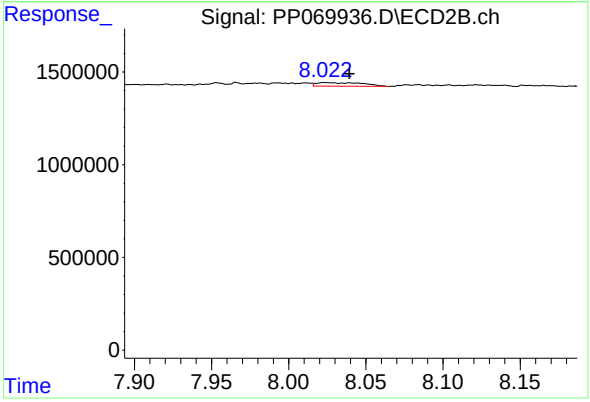
#42 AR-1268-2

R.T.: 7.852 min
Delta R.T.: 0.020 min
Response: 313808
Conc: 2.36 ng/ml



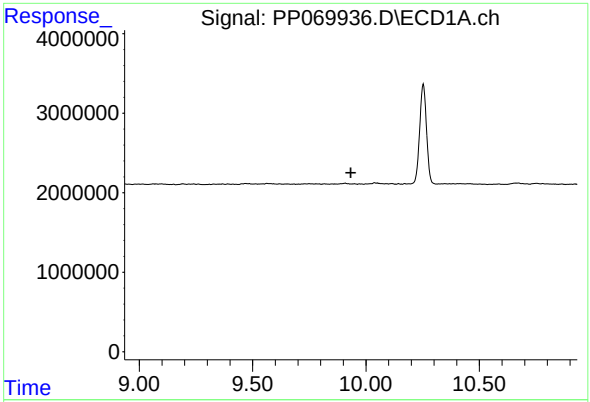
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#43 AR-1268-3

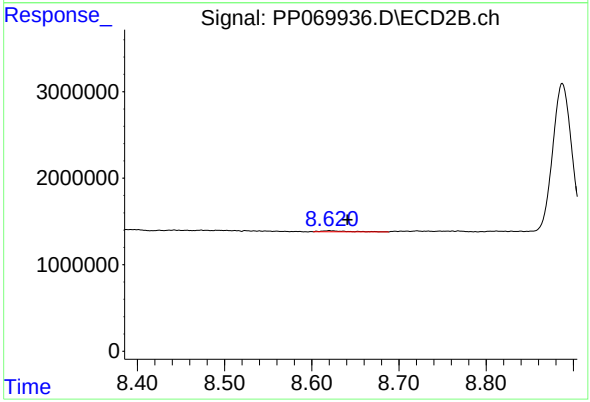
R.T.: 8.025 min
Delta R.T.: -0.015 min
Response: 418741
Conc: 3.68 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.621 min
Delta R.T.: -0.020 min
Response: 240788
Conc: 0.68 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:54
Operator : YP\AJ
Sample : Q1383-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:00:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.830	39837849	23329544	27.830	26.138	
2)	SA Decachlor...	10.251	8.889	27288071	26713661	24.969	23.884	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.940	0	56313	N.D.	1.727	#
4)	L1 AR-1016-2	0.000	4.960	0	110090	N.D.	2.449	#
5)	L1 AR-1016-3	0.000	5.114	0	1312244	N.D.	52.734	#
6)	L1 AR-1016-4	0.000	5.164	0	1630012	N.D.	80.709	#
7)	L1 AR-1016-5	6.151	5.373	1401564	5986186	42.396	223.166	#
8)	L2 AR-1221-1	0.000	4.049	0	137305	N.D.	11.147	#
9)	L2 AR-1221-2	4.826	4.133	757074	625917	55.291	64.638	
10)	L2 AR-1221-3	0.000	4.218	0	25423	N.D.	0.871	#
11)	L3 AR-1232-1	0.000	4.218	0	25423	N.D.	1.083	#
12)	L3 AR-1232-2	5.379f	4.960	480081	110090	29.377	4.670	#
13)	L3 AR-1232-3	0.000	5.114	0	1312244	N.D.	101.353	#
14)	L3 AR-1232-4	0.000	5.200	0	2104464	N.D.	189.825	#
15)	L3 AR-1232-5	5.947	5.373	1566928	5986186	136.701	490.256	#
16)	L4 AR-1242-1	0.000	4.940	0	56313	N.D.	1.953	#
17)	L4 AR-1242-2	0.000	4.960	0	110090	N.D.	2.794	#
18)	L4 AR-1242-3	0.000	5.114	0	1312244	N.D.	58.311	#
19)	L4 AR-1242-4	0.000	5.200	0	2104464	N.D.	97.509	#
20)	L4 AR-1242-5	6.591	5.750	9417933	2841900	289.033	98.786	#
21)	L5 AR-1248-1	0.000	4.940	0	56313	N.D.	2.558	#
22)	L5 AR-1248-2	5.947	5.164	1566928	1630012	36.915	54.217	#
23)	L5 AR-1248-3	6.151	5.229	1401564	597986	29.829	19.300	#
24)	L5 AR-1248-4	6.548	5.373	5638891	5986186	102.300	162.035	#
25)	L5 AR-1248-5	6.591	5.750	9417933	2841900	176.419	76.008	#
26)	L6 AR-1254-1	6.548	5.750	5638891	2841900	97.451	51.619	#
27)	L6 AR-1254-2	6.743	5.875	12164641	5238141	151.600	108.296	#
28)	L6 AR-1254-3	7.104	6.281	14119281	7192268	167.512	94.765	#
29)	L6 AR-1254-4	7.388	6.509	10369170	4819349	152.068	94.037	#
30)	L6 AR-1254-5	7.832	6.929	321256	3604868	4.721	54.159	#
31)	L7 AR-1260-1	7.271	6.412	6983085	4267939	119.499	88.492	#
32)	L7 AR-1260-2	7.523	6.599	4644944	1920899	59.694	31.334	#
33)	L7 AR-1260-3	7.832f	6.753	321256	1712594	5.139	28.469	#
34)	L7 AR-1260-4	8.089f	7.226	1961949	212677	29.737	4.577	#
35)	L7 AR-1260-5	8.392f	7.467	458010	437048	3.498	3.932	
36)	L8 AR-1262-1	8.089	6.997	1961949	394652	24.829	5.557	#
37)	L8 AR-1262-2	8.392f	7.226	458010	212677	2.995	3.488	
38)	L8 AR-1262-3	0.000	7.747	0	262967	N.D.	5.028	#
39)	L8 AR-1262-4	0.000	7.810	0	383599	N.D.	4.150	#
40)	L8 AR-1262-5	0.000	8.312	0	73367	N.D.	1.535	#
41)	L9 AR-1268-1	0.000	7.747	0	262967	N.D.	1.812	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:54
Operator : YP\AJ
Sample : Q1383-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:00:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.810	0	383599	N.D.	2.888 #
44) L9	AR-1268-4	0.000	8.312	0	73367	N.D.	1.409 #
45) L9	AR-1268-5	0.000	8.623	0	145236	N.D.	0.408 #

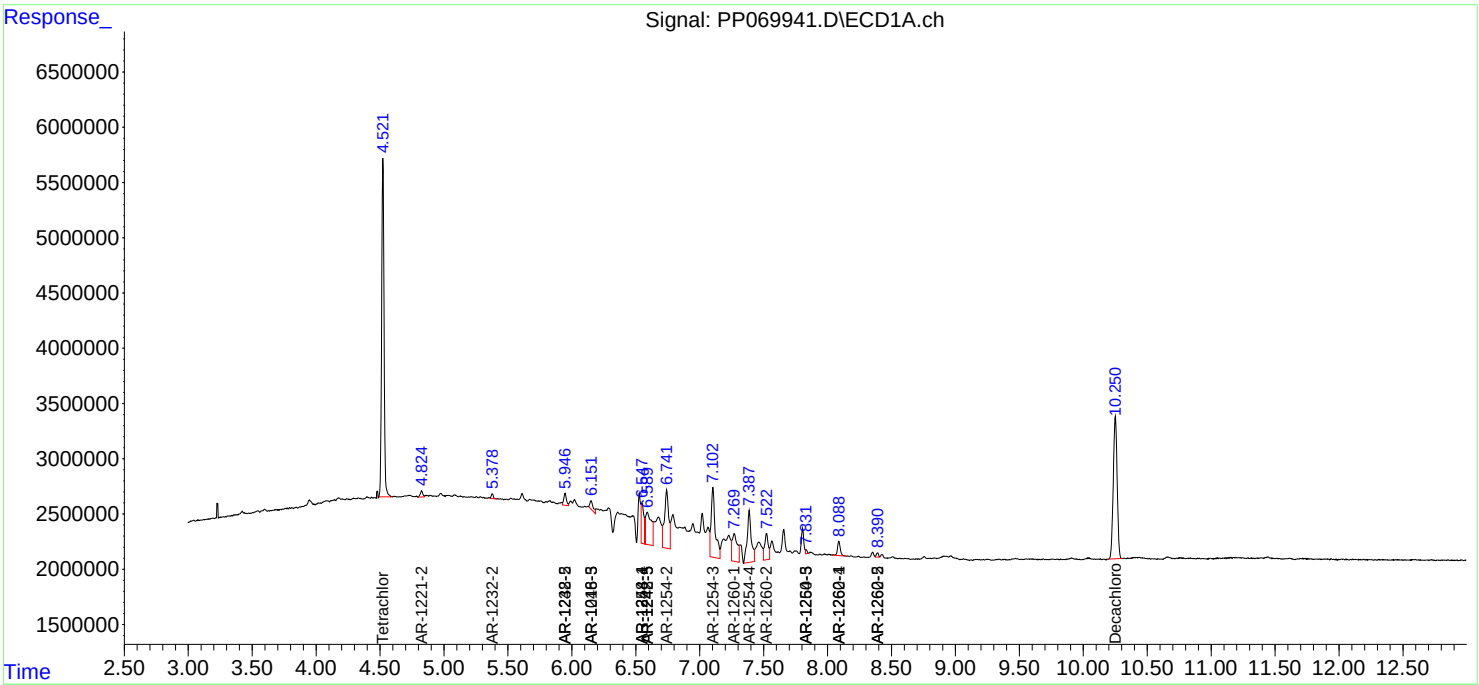
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

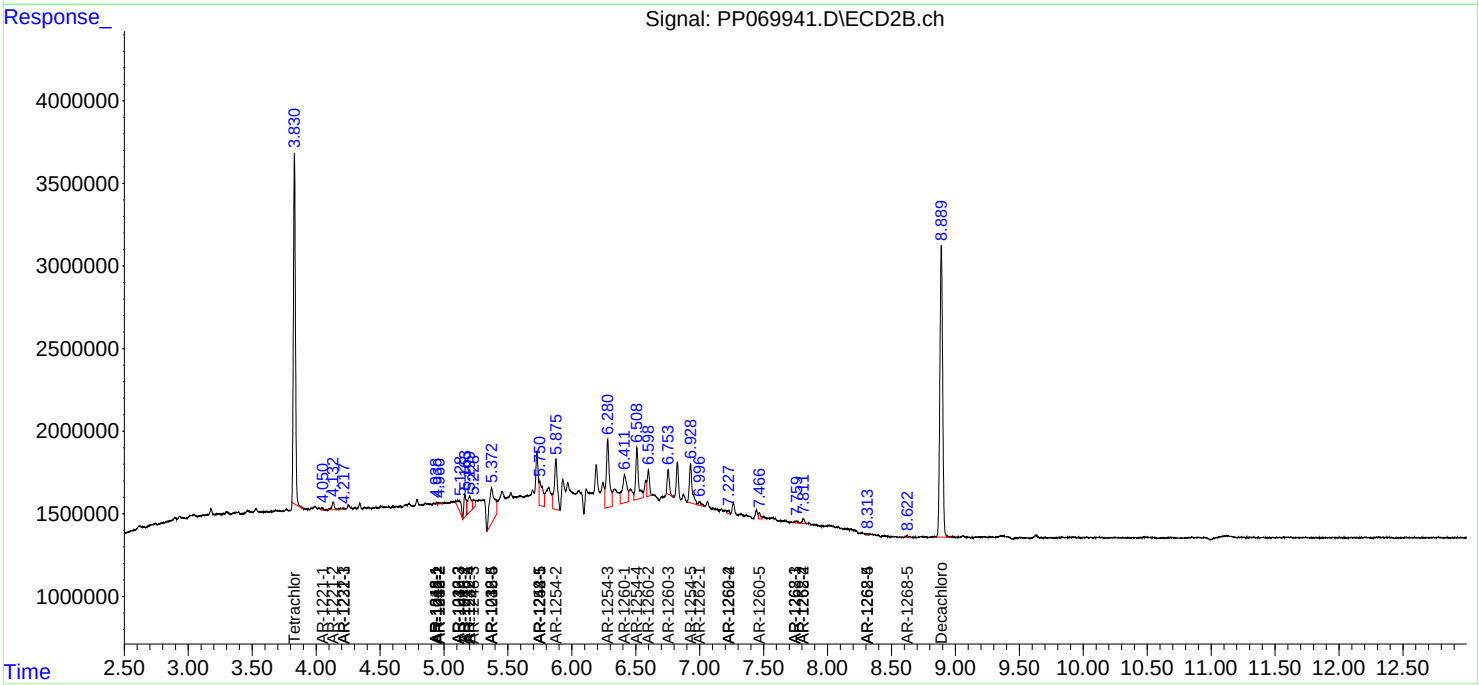
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 23:54
Operator : YP\AJ
Sample : Q1383-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

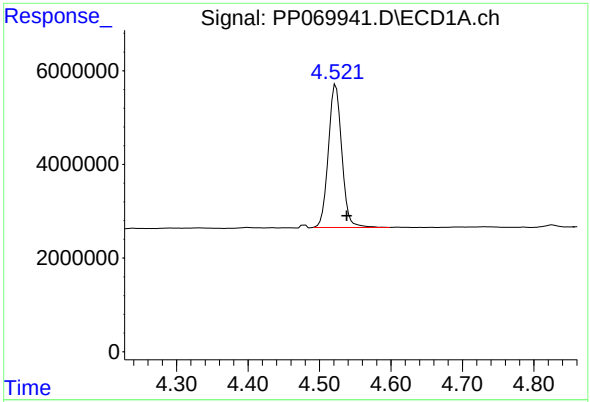
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:00:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



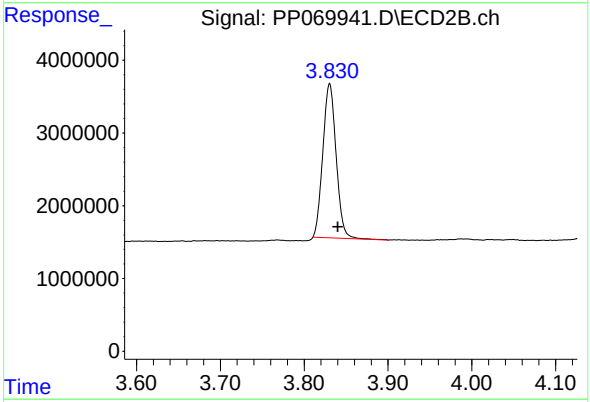




#1 Tetrachloro-m-xylene

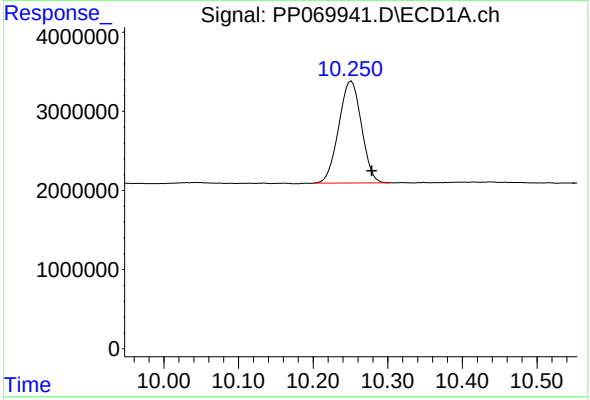
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 39837849
Conc: 27.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



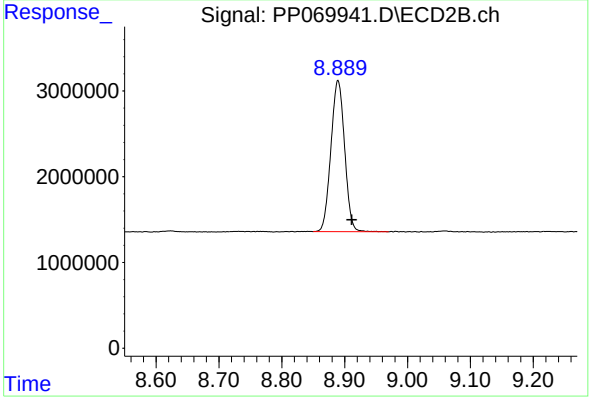
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 23329544
Conc: 26.14 ng/ml



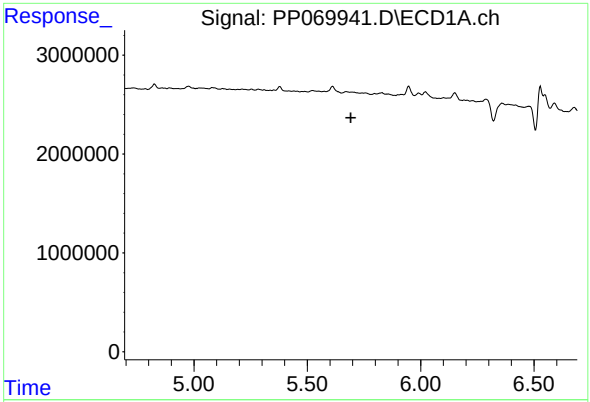
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.027 min
Response: 27288071
Conc: 24.97 ng/ml



#2 Decachlorobiphenyl

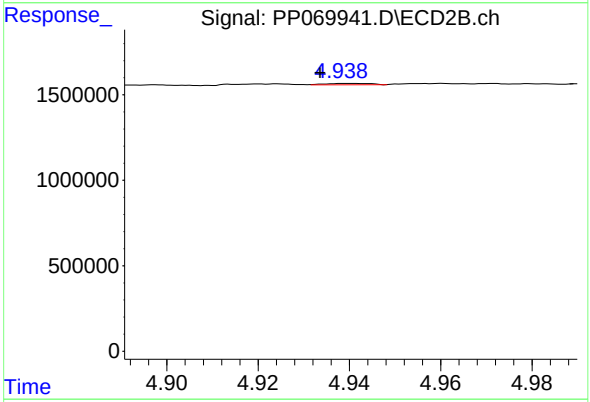
R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 26713661
Conc: 23.88 ng/ml



#3 AR-1016-1

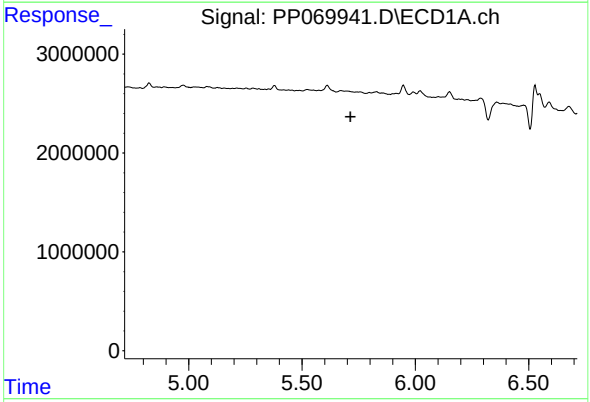
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



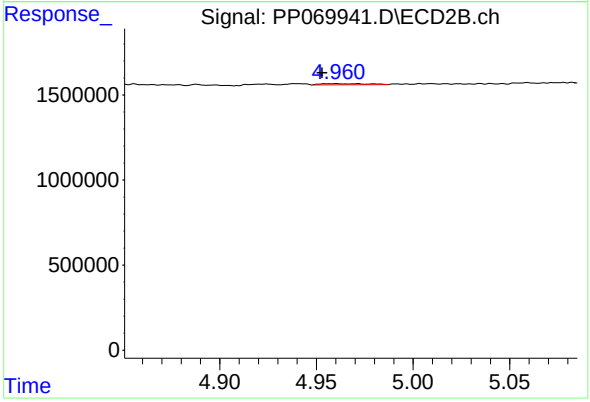
#3 AR-1016-1

R.T.: 4.940 min
Delta R.T.: 0.006 min
Response: 56313
Conc: 1.73 ng/ml



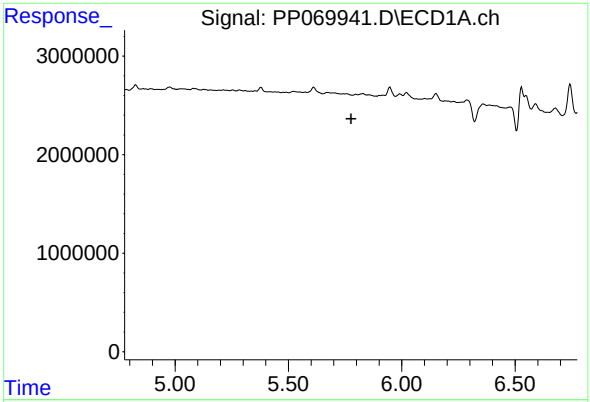
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

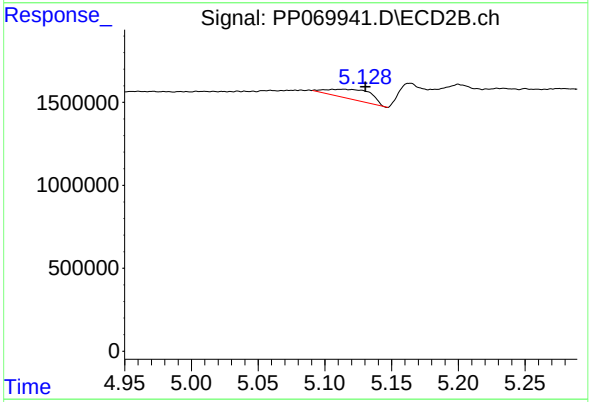
R.T.: 4.960 min
Delta R.T.: 0.007 min
Response: 110090
Conc: 2.45 ng/ml



#5 AR-1016-3

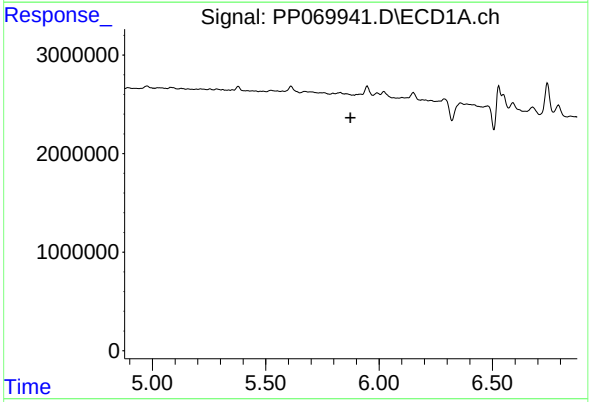
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



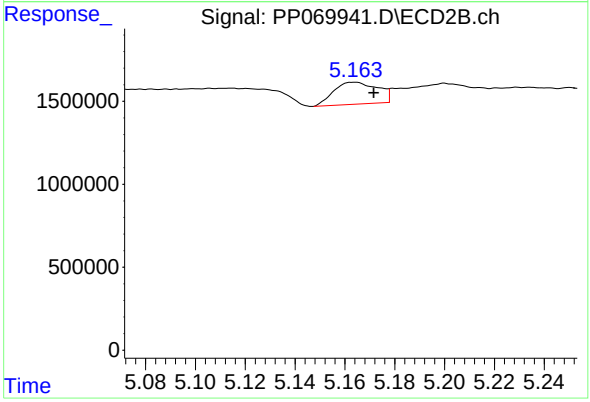
#5 AR-1016-3

R.T.: 5.114 min
Delta R.T.: -0.016 min
Response: 1312244
Conc: 52.73 ng/ml



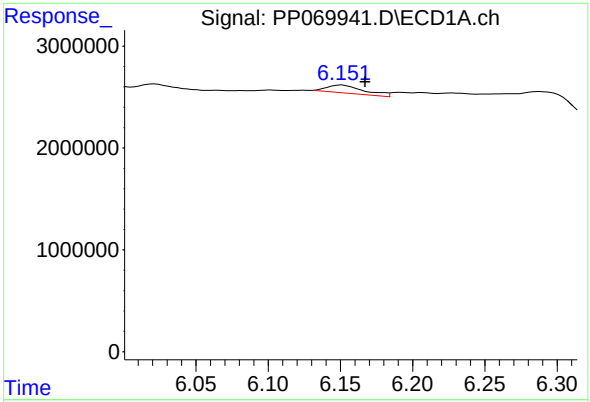
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

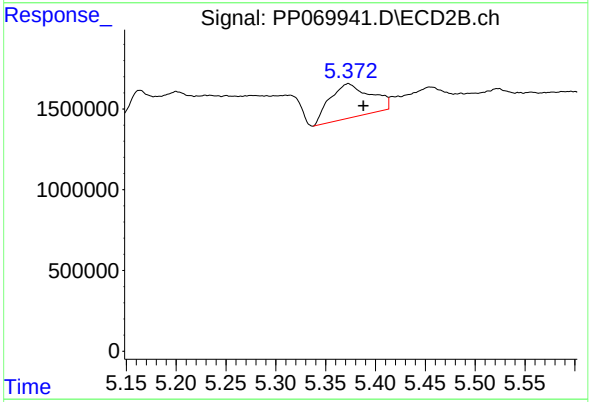
R.T.: 5.164 min
Delta R.T.: -0.008 min
Response: 1630012
Conc: 80.71 ng/ml



#7 AR-1016-5

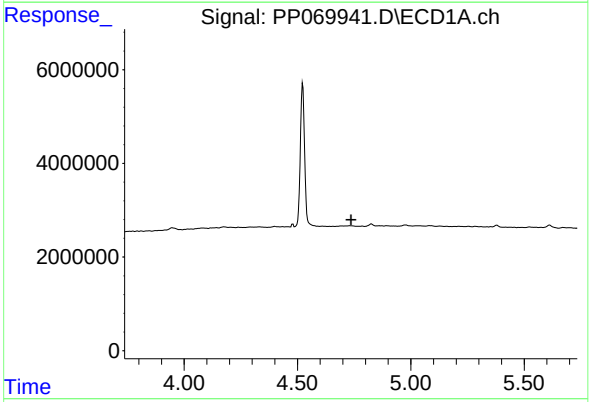
R.T.: 6.151 min
Delta R.T.: -0.016 min
Response: 1401564
Conc: 42.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



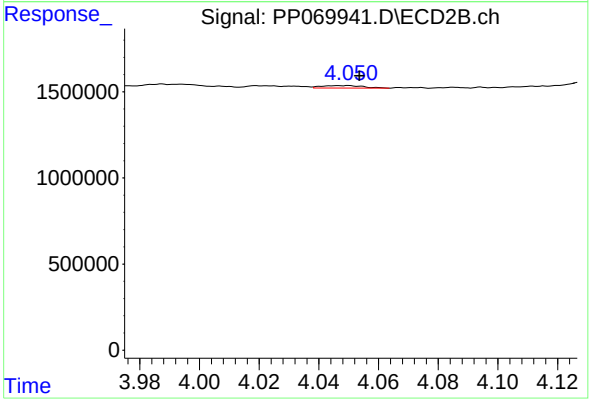
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 5986186
Conc: 223.17 ng/ml



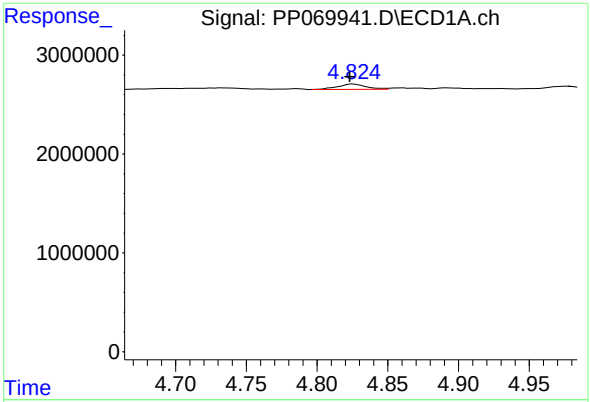
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

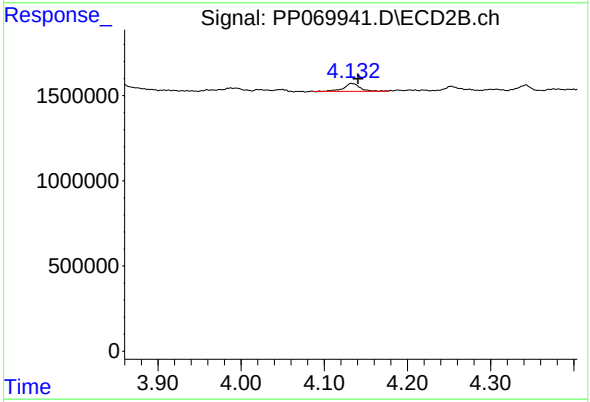
R.T.: 4.049 min
Delta R.T.: -0.004 min
Response: 137305
Conc: 11.15 ng/ml



#9 AR-1221-2

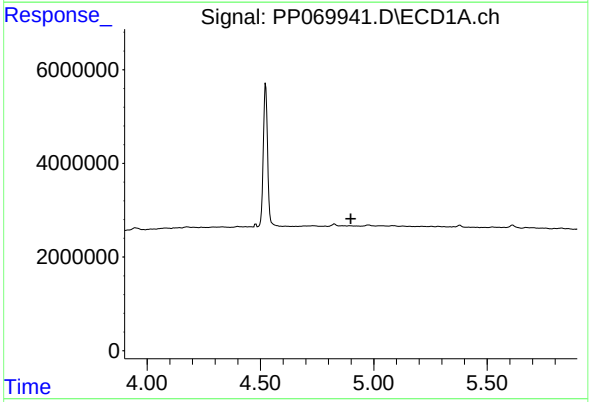
R.T.: 4.826 min
Delta R.T.: 0.003 min
Response: 757074
Conc: 55.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



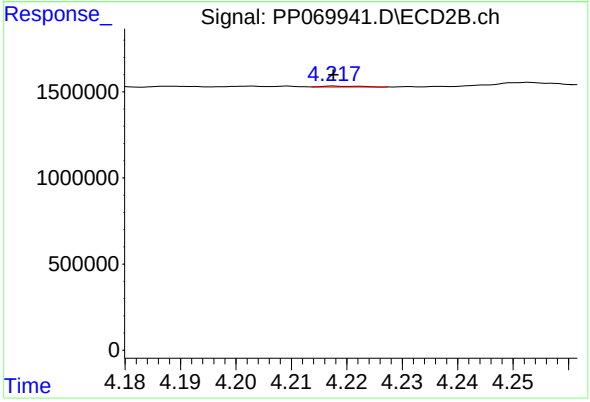
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 625917
Conc: 64.64 ng/ml



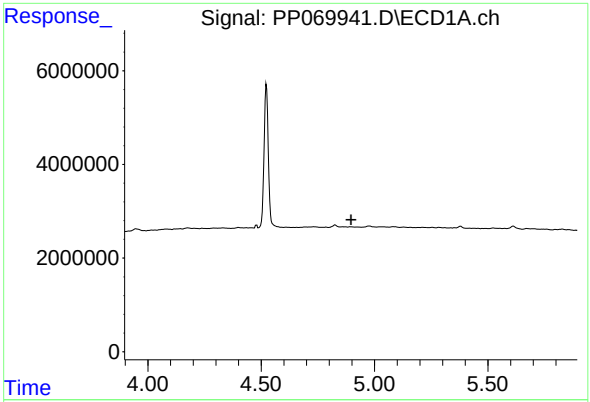
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

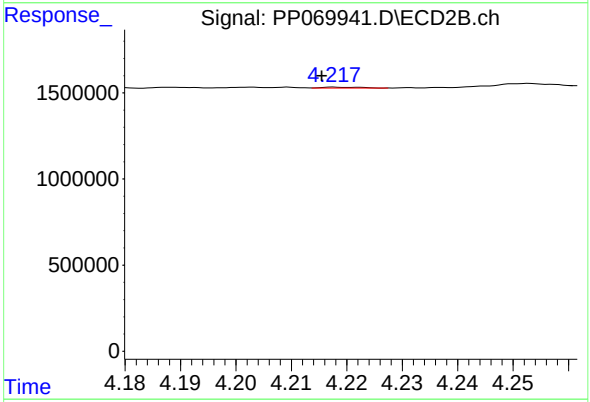
R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 25423
Conc: 0.87 ng/ml



#11 AR-1232-1

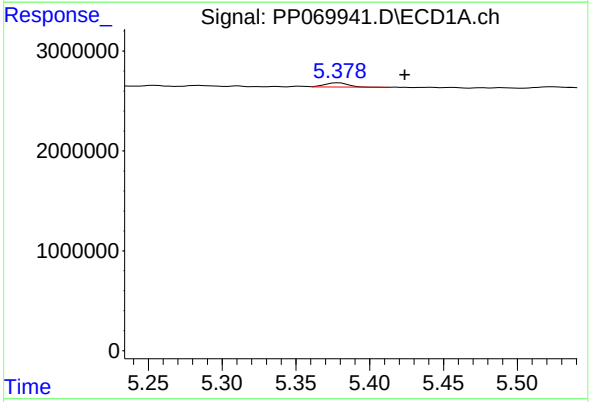
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



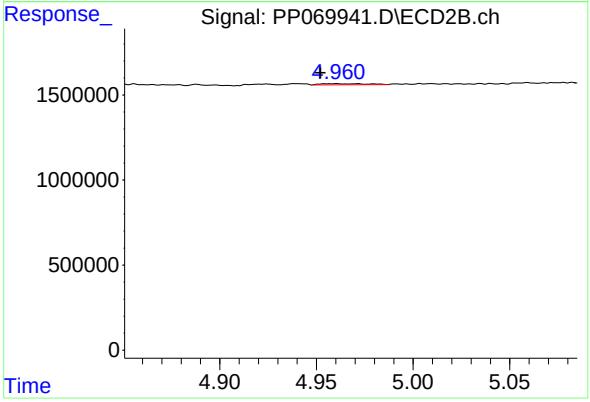
#11 AR-1232-1

R.T.: 4.218 min
Delta R.T.: 0.003 min
Response: 25423
Conc: 1.08 ng/ml



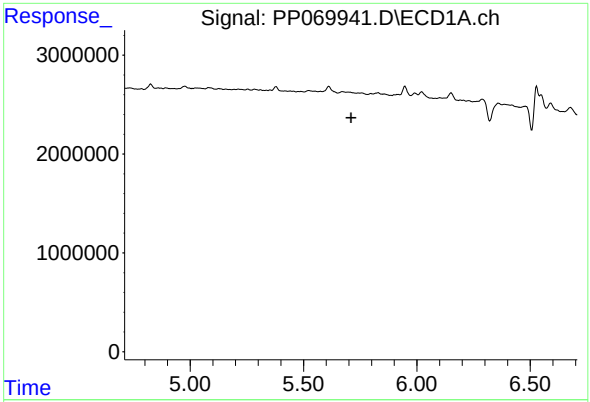
#12 AR-1232-2

R.T.: 5.379 min
Delta R.T.: -0.045 min
Response: 480081
Conc: 29.38 ng/ml



#12 AR-1232-2

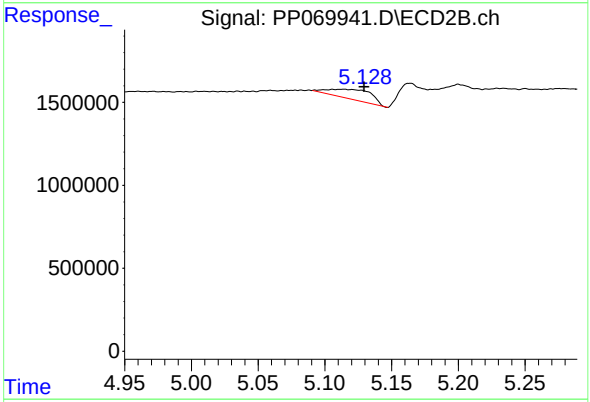
R.T.: 4.960 min
Delta R.T.: 0.008 min
Response: 110090
Conc: 4.67 ng/ml



#13 AR-1232-3

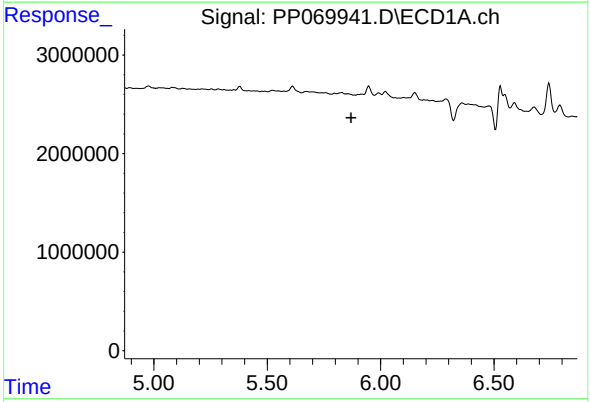
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



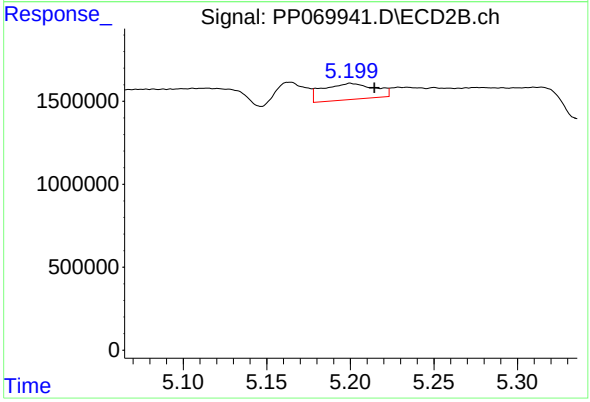
#13 AR-1232-3

R.T.: 5.114 min
Delta R.T.: -0.015 min
Response: 1312244
Conc: 101.35 ng/ml



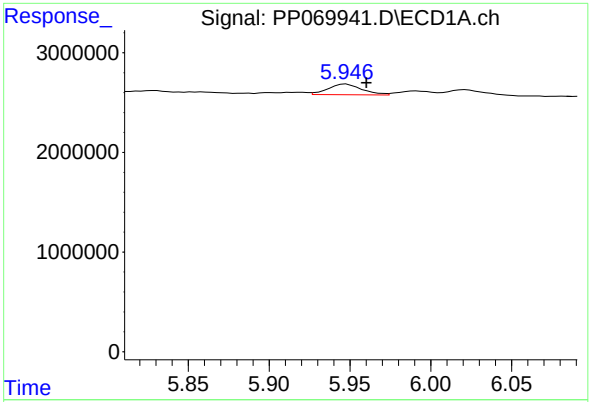
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

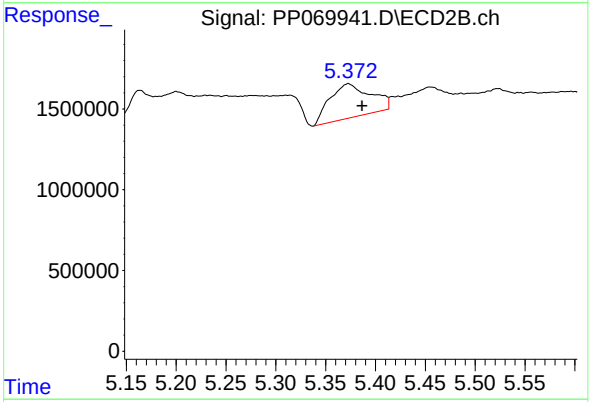
R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 2104464
Conc: 189.83 ng/ml



#15 AR-1232-5

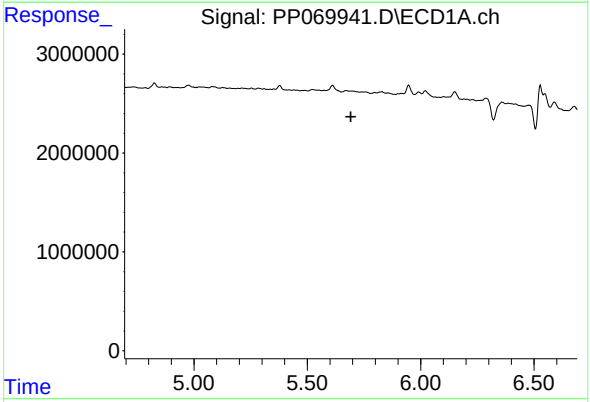
R.T.: 5.947 min
Delta R.T.: -0.013 min
Response: 1566928
Conc: 136.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



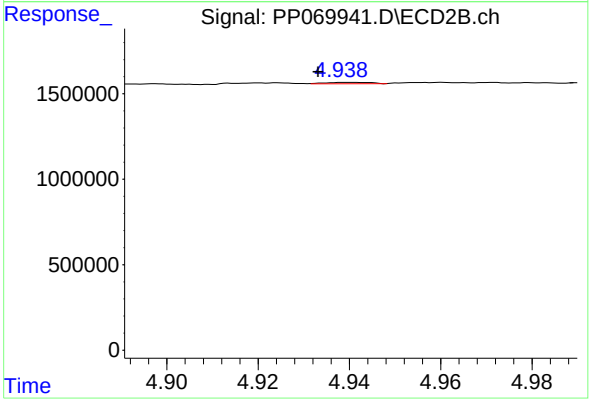
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 5986186
Conc: 490.26 ng/ml



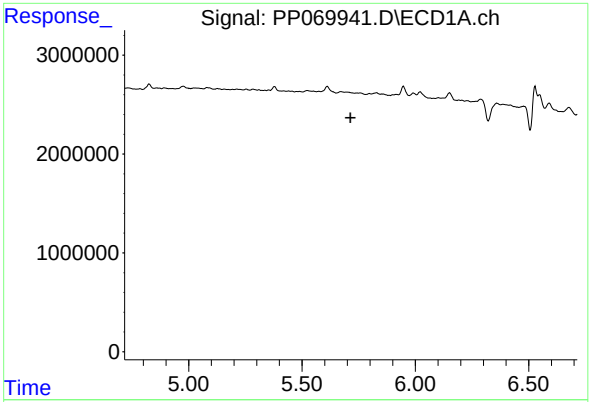
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

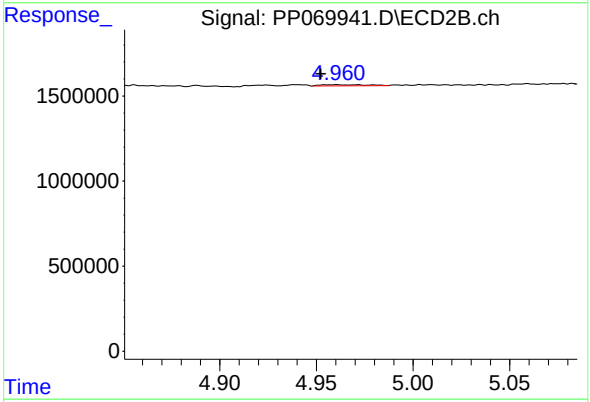
R.T.: 4.940 min
Delta R.T.: 0.007 min
Response: 56313
Conc: 1.95 ng/ml



#17 AR-1242-2

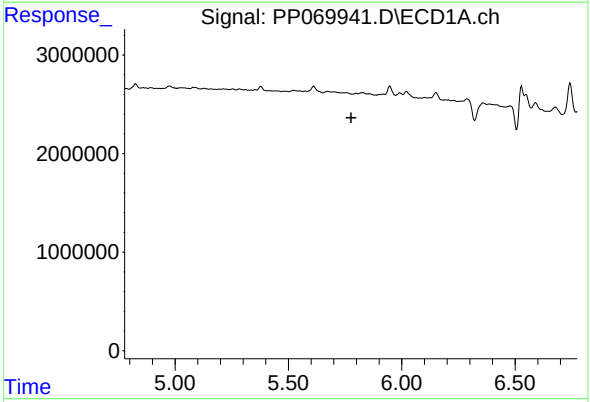
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



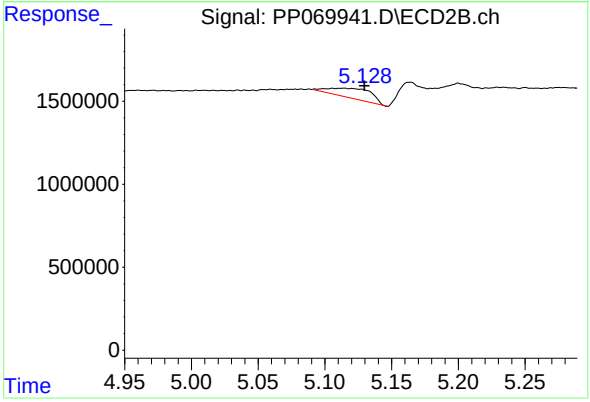
#17 AR-1242-2

R.T.: 4.960 min
Delta R.T.: 0.008 min
Response: 110090
Conc: 2.79 ng/ml



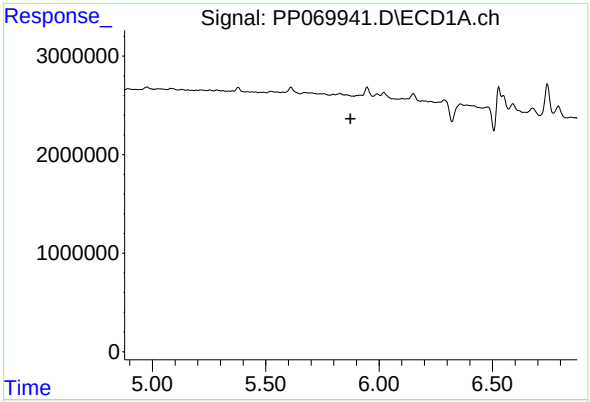
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

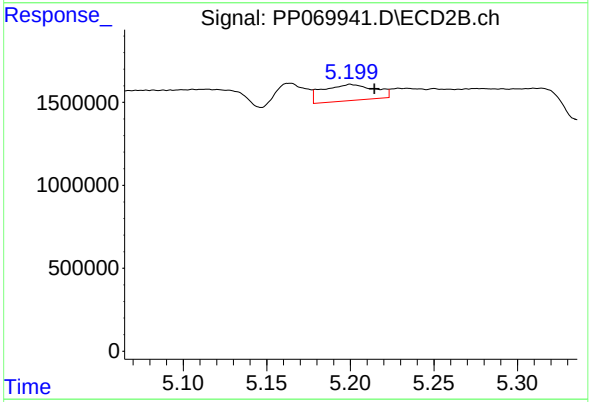
R.T.: 5.114 min
Delta R.T.: -0.016 min
Response: 1312244
Conc: 58.31 ng/ml



#19 AR-1242-4

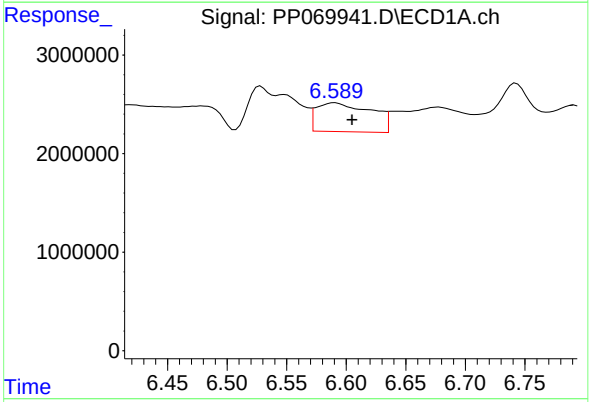
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



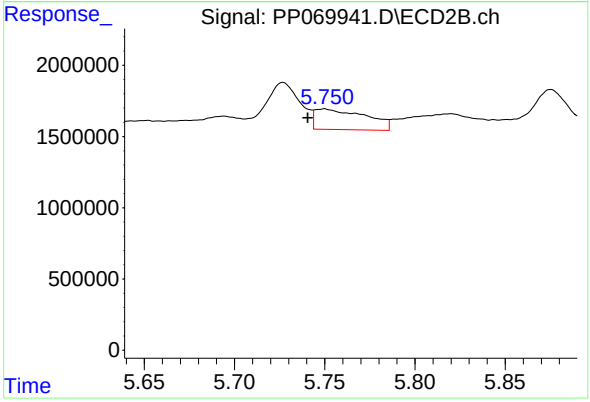
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 2104464
Conc: 97.51 ng/ml



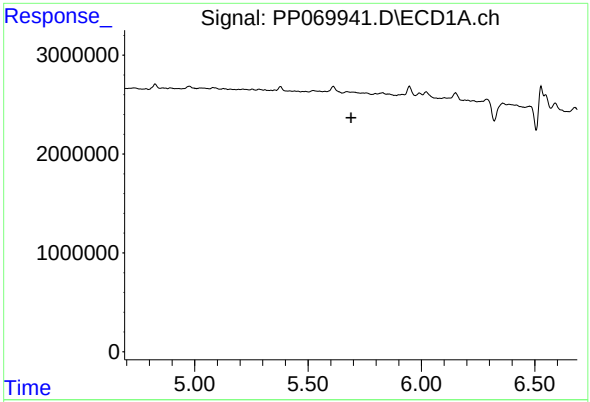
#20 AR-1242-5

R.T.: 6.591 min
Delta R.T.: -0.014 min
Response: 9417933
Conc: 289.03 ng/ml



#20 AR-1242-5

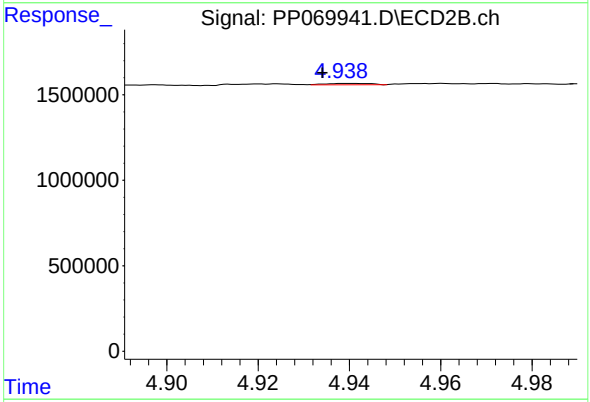
R.T.: 5.750 min
Delta R.T.: 0.009 min
Response: 2841900
Conc: 98.79 ng/ml



#21 AR-1248-1

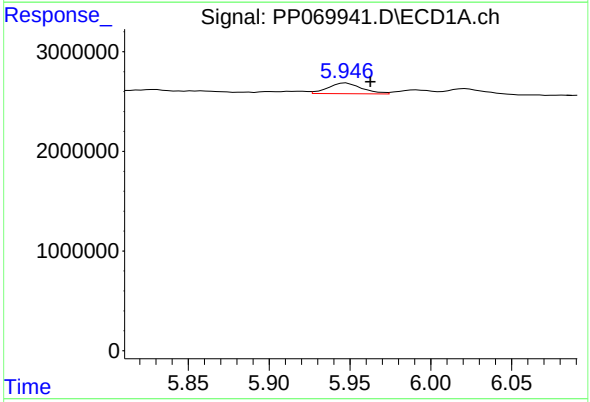
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



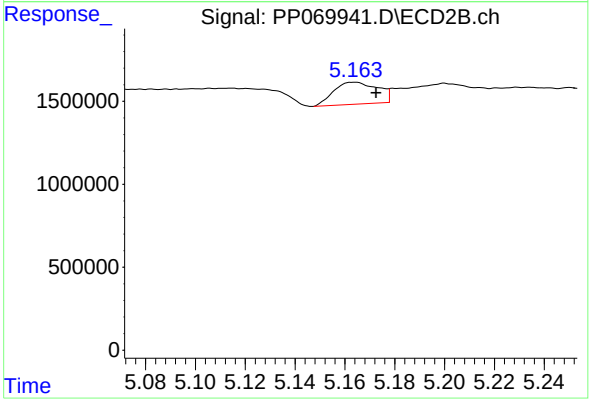
#21 AR-1248-1

R.T.: 4.940 min
Delta R.T.: 0.006 min
Response: 56313
Conc: 2.56 ng/ml



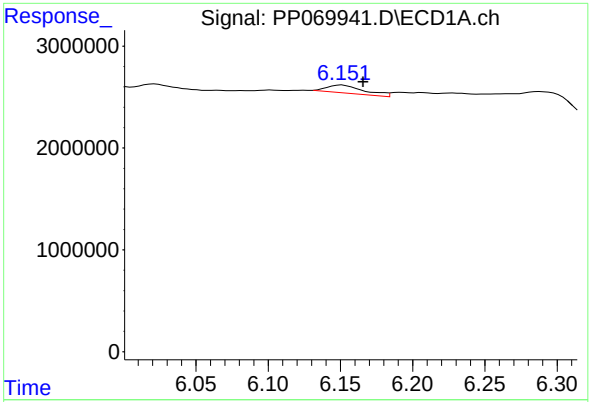
#22 AR-1248-2

R.T.: 5.947 min
Delta R.T.: -0.015 min
Response: 1566928
Conc: 36.92 ng/ml



#22 AR-1248-2

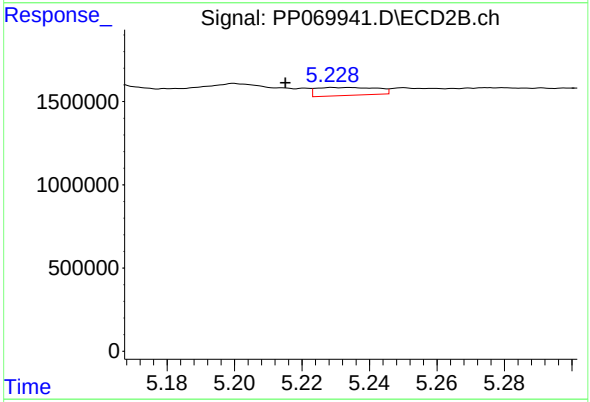
R.T.: 5.164 min
Delta R.T.: -0.009 min
Response: 1630012
Conc: 54.22 ng/ml



#23 AR-1248-3

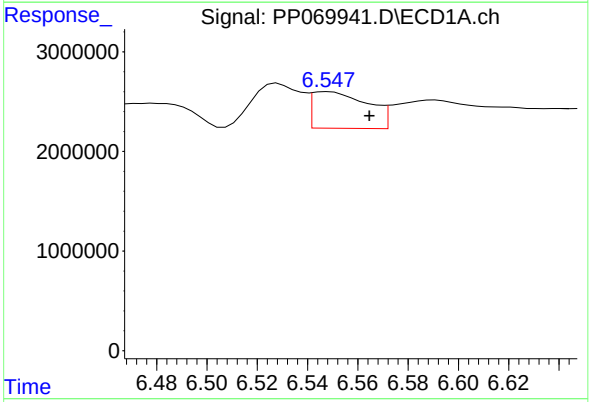
R.T.: 6.151 min
Delta R.T.: -0.015 min
Response: 1401564
Conc: 29.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



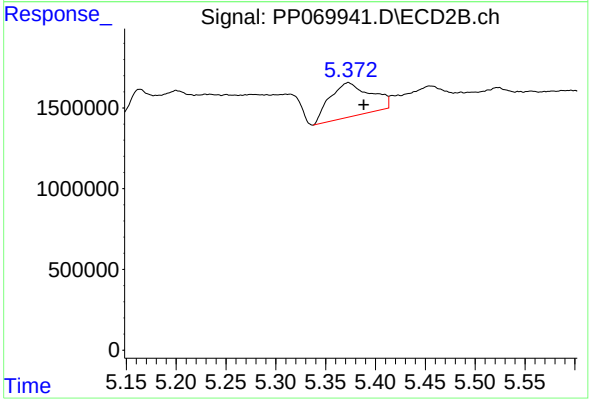
#23 AR-1248-3

R.T.: 5.229 min
Delta R.T.: 0.014 min
Response: 597986
Conc: 19.30 ng/ml



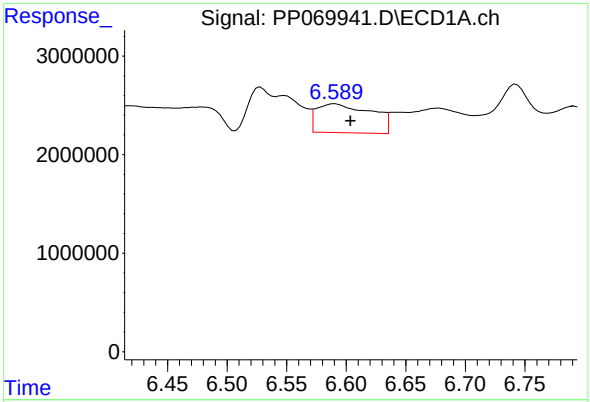
#24 AR-1248-4

R.T.: 6.548 min
Delta R.T.: -0.016 min
Response: 5638891
Conc: 102.30 ng/ml



#24 AR-1248-4

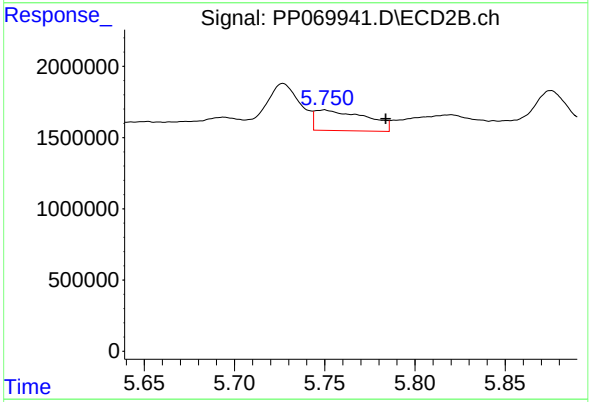
R.T.: 5.373 min
Delta R.T.: -0.016 min
Response: 5986186
Conc: 162.04 ng/ml



#25 AR-1248-5

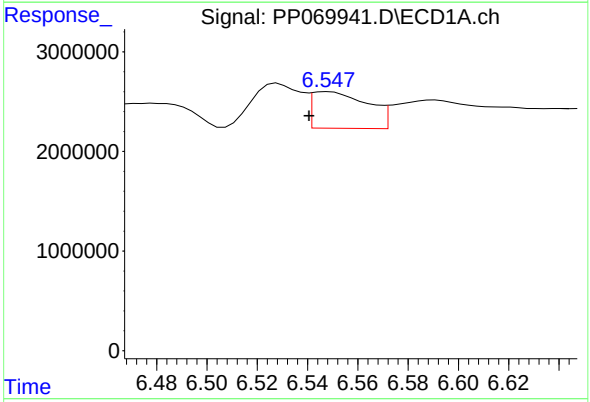
R.T.: 6.591 min
Delta R.T.: -0.013 min
Response: 9417933
Conc: 176.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



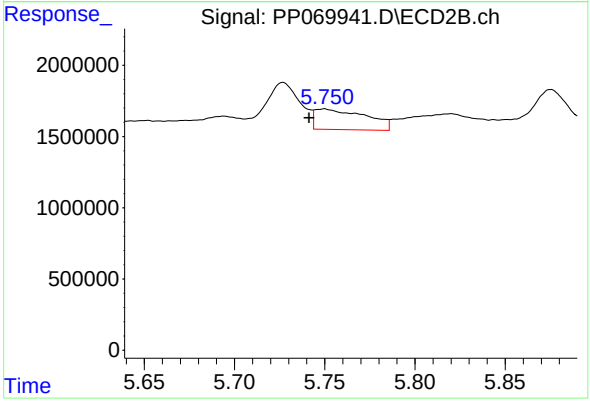
#25 AR-1248-5

R.T.: 5.750 min
Delta R.T.: -0.034 min
Response: 2841900
Conc: 76.01 ng/ml



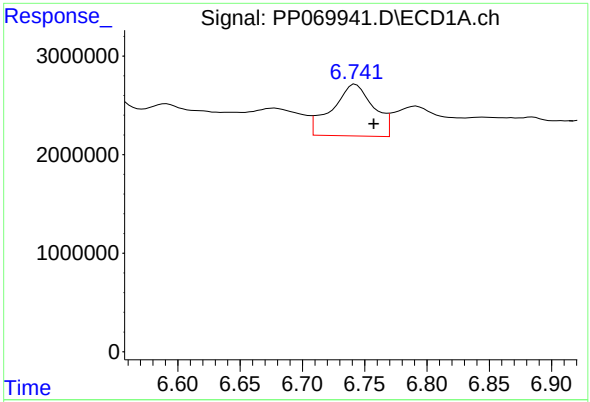
#26 AR-1254-1

R.T.: 6.548 min
Delta R.T.: 0.007 min
Response: 5638891
Conc: 97.45 ng/ml



#26 AR-1254-1

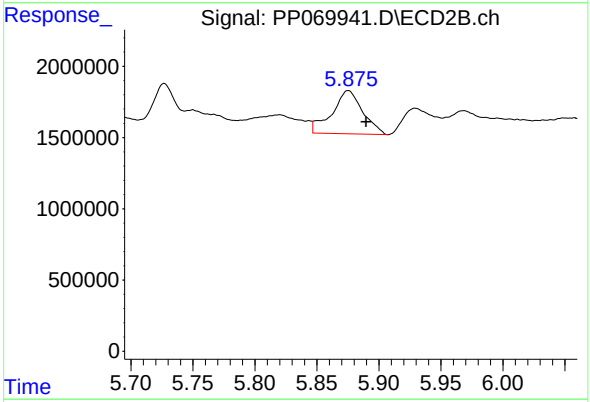
R.T.: 5.750 min
Delta R.T.: 0.008 min
Response: 2841900
Conc: 51.62 ng/ml



#27 AR-1254-2

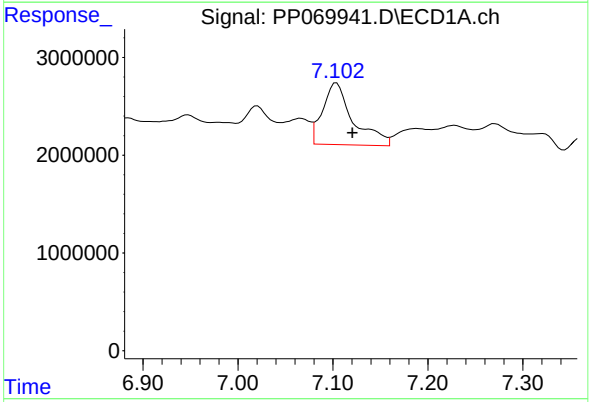
R.T.: 6.743 min
Delta R.T.: -0.015 min
Response: 12164641
Conc: 151.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



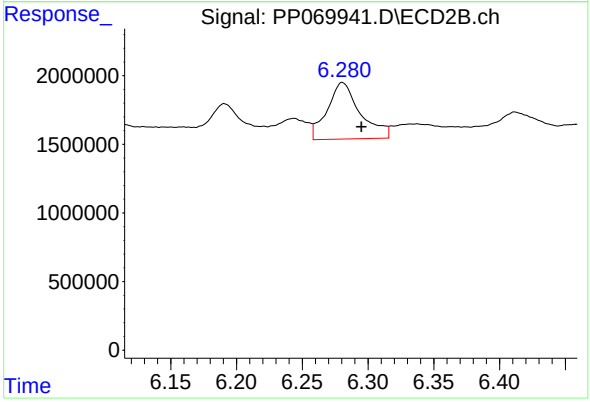
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.014 min
Response: 5238141
Conc: 108.30 ng/ml



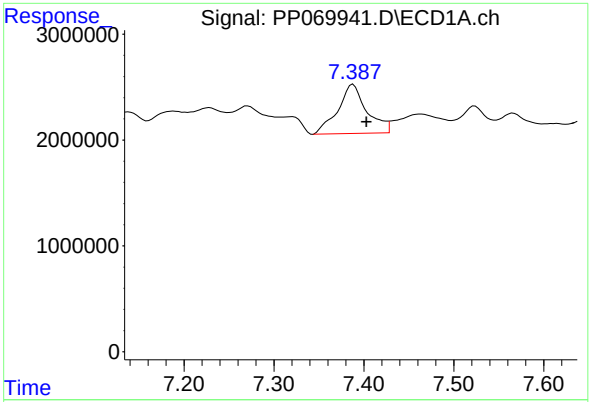
#28 AR-1254-3

R.T.: 7.104 min
Delta R.T.: -0.017 min
Response: 14119281
Conc: 167.51 ng/ml



#28 AR-1254-3

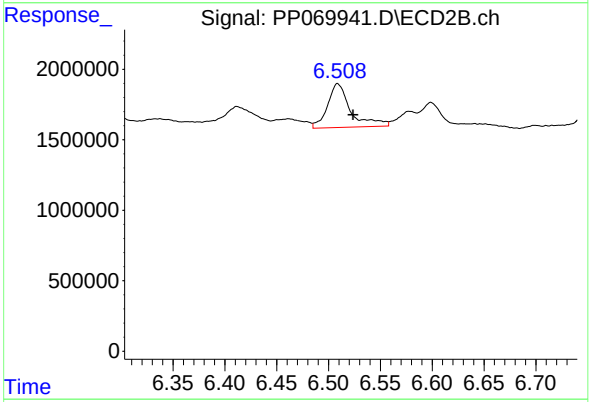
R.T.: 6.281 min
Delta R.T.: -0.014 min
Response: 7192268
Conc: 94.76 ng/ml



#29 AR-1254-4

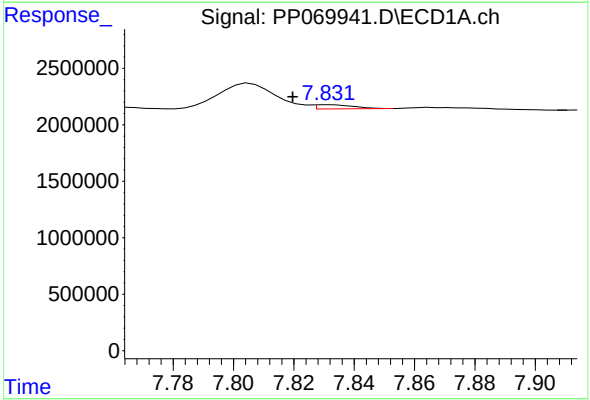
R.T.: 7.388 min
Delta R.T.: -0.015 min
Response: 10369170
Conc: 152.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



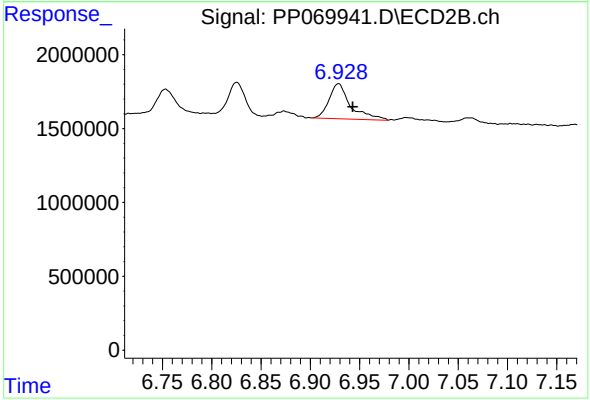
#29 AR-1254-4

R.T.: 6.509 min
Delta R.T.: -0.015 min
Response: 4819349
Conc: 94.04 ng/ml



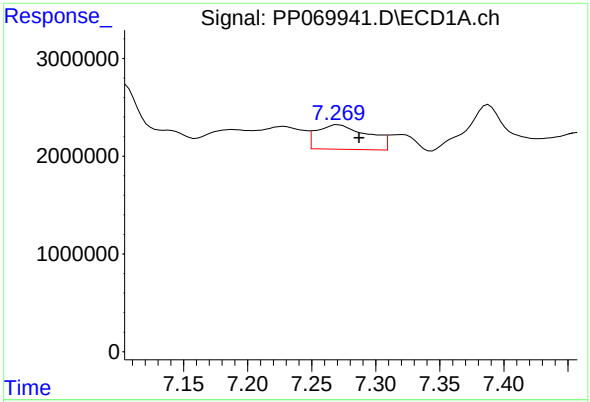
#30 AR-1254-5

R.T.: 7.832 min
Delta R.T.: 0.012 min
Response: 321256
Conc: 4.72 ng/ml



#30 AR-1254-5

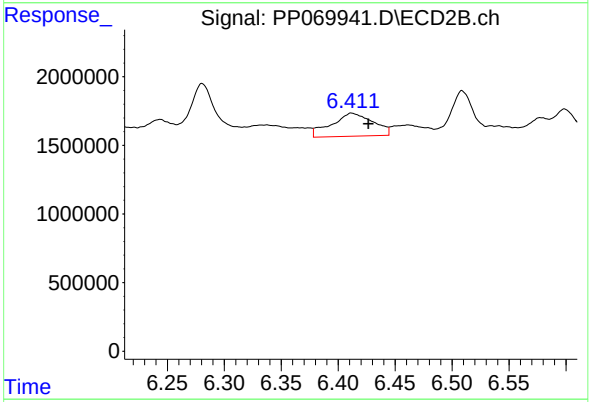
R.T.: 6.929 min
Delta R.T.: -0.015 min
Response: 3604868
Conc: 54.16 ng/ml



#31 AR-1260-1

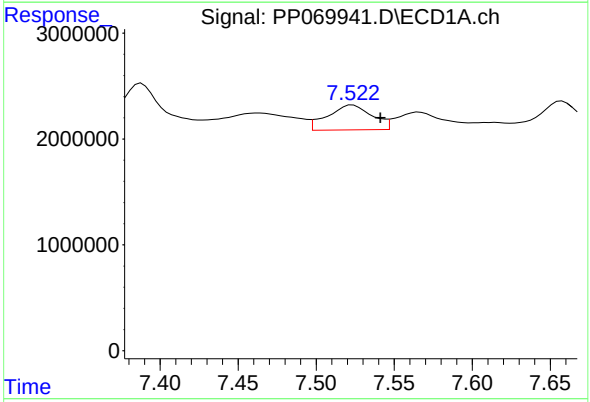
R.T.: 7.271 min
Delta R.T.: -0.016 min
Response: 6983085
Conc: 119.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



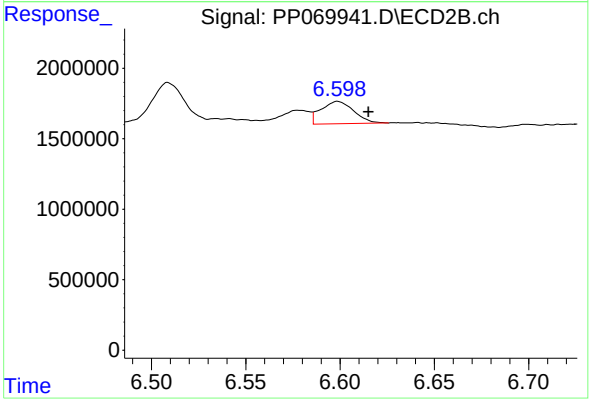
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.015 min
Response: 4267939
Conc: 88.49 ng/ml



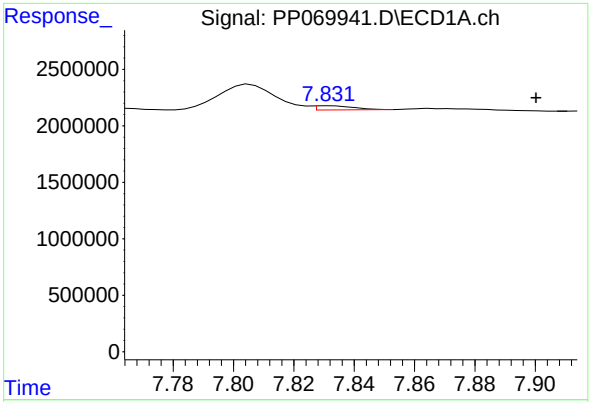
#32 AR-1260-2

R.T.: 7.523 min
Delta R.T.: -0.018 min
Response: 4644944
Conc: 59.69 ng/ml



#32 AR-1260-2

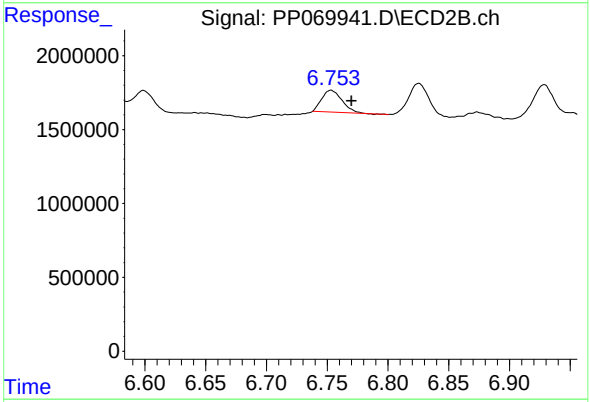
R.T.: 6.599 min
Delta R.T.: -0.016 min
Response: 1920899
Conc: 31.33 ng/ml



#33 AR-1260-3

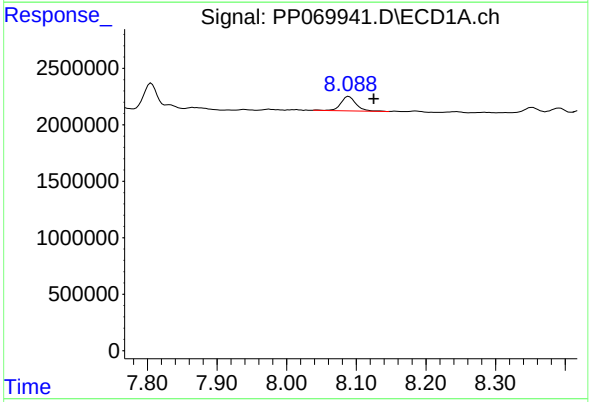
R.T.: 7.832 min
Delta R.T.: -0.069 min
Response: 321256
Conc: 5.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



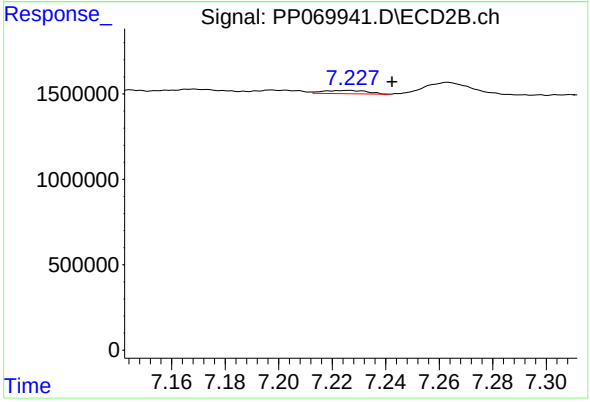
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 1712594
Conc: 28.47 ng/ml



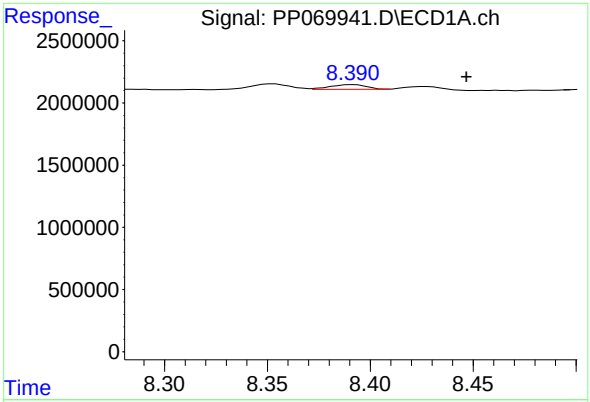
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: -0.036 min
Response: 1961949
Conc: 29.74 ng/ml



#34 AR-1260-4

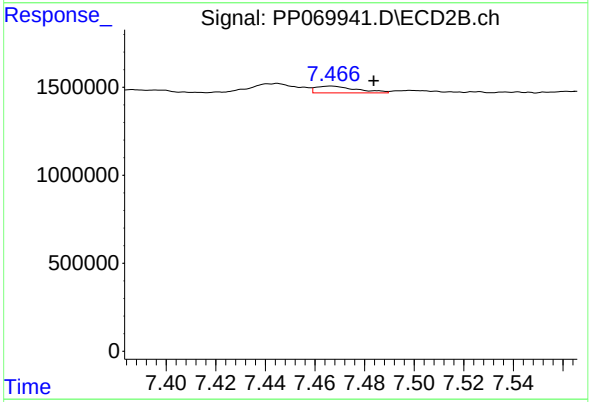
R.T.: 7.226 min
Delta R.T.: -0.016 min
Response: 212677
Conc: 4.58 ng/ml



#35 AR-1260-5

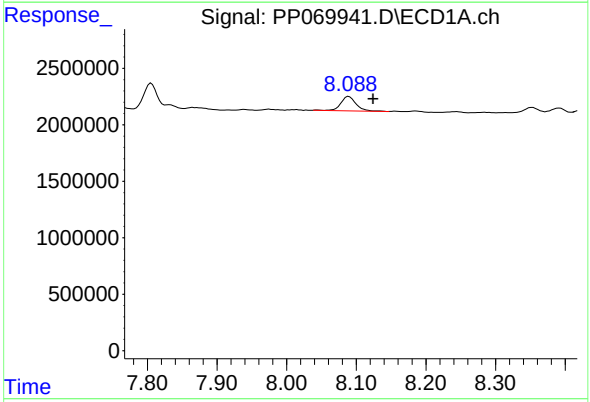
R.T.: 8.392 min
Delta R.T.: -0.055 min
Response: 458010
Conc: 3.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



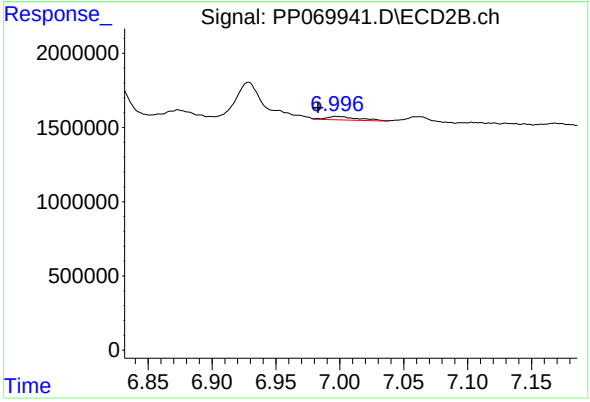
#35 AR-1260-5

R.T.: 7.467 min
Delta R.T.: -0.017 min
Response: 437048
Conc: 3.93 ng/ml



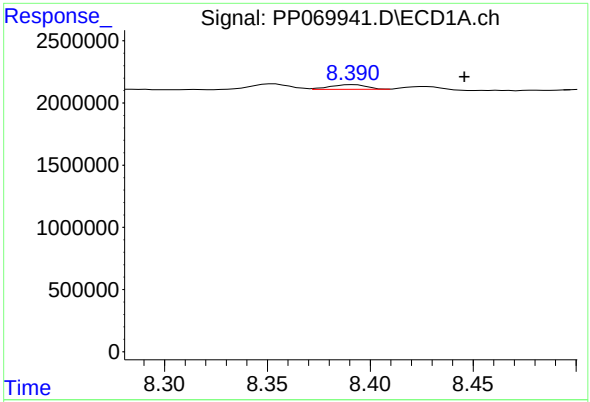
#36 AR-1262-1

R.T.: 8.089 min
Delta R.T.: -0.035 min
Response: 1961949
Conc: 24.83 ng/ml



#36 AR-1262-1

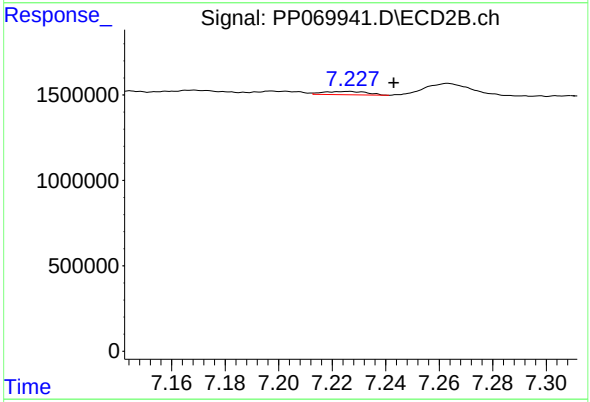
R.T.: 6.997 min
Delta R.T.: 0.014 min
Response: 394652
Conc: 5.56 ng/ml



#37 AR-1262-2

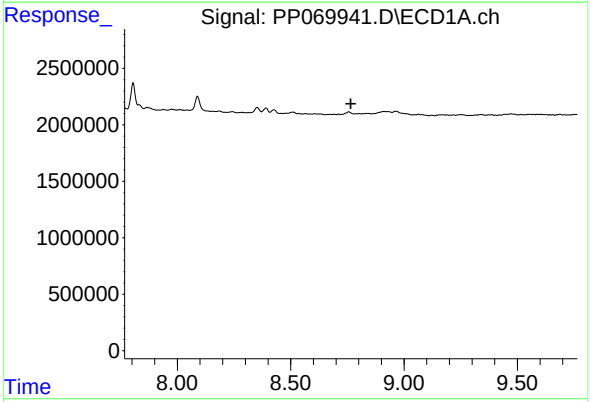
R.T.: 8.392 min
Delta R.T.: -0.054 min
Response: 458010
Conc: 3.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



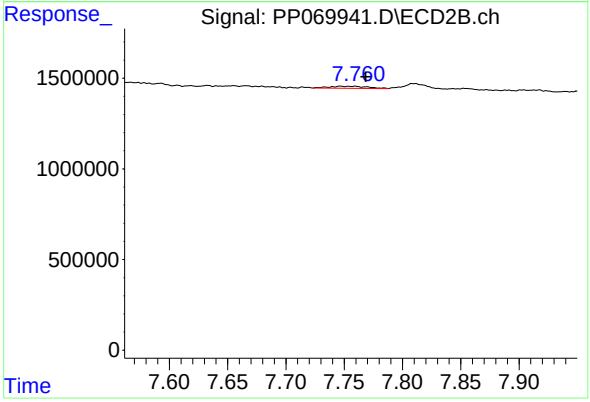
#37 AR-1262-2

R.T.: 7.226 min
Delta R.T.: -0.017 min
Response: 212677
Conc: 3.49 ng/ml



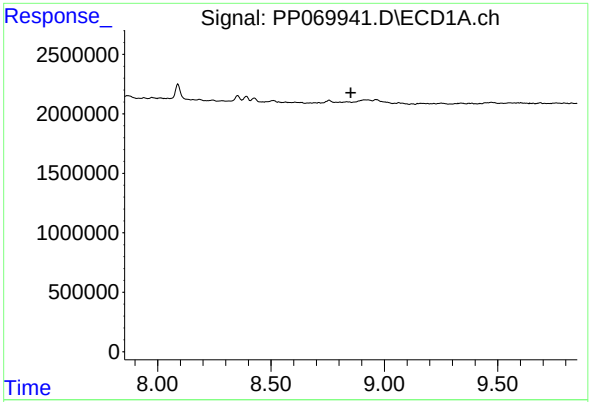
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

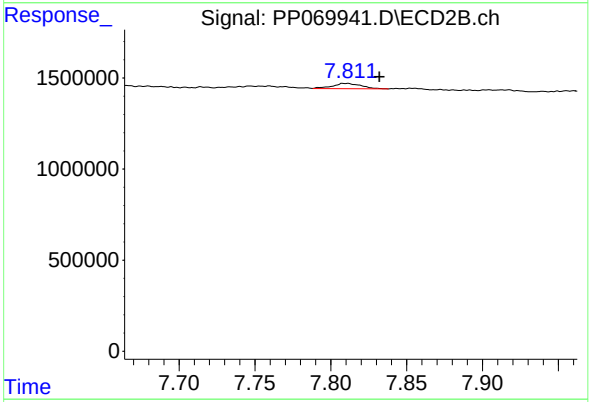
R.T.: 7.747 min
Delta R.T.: -0.022 min
Response: 262967
Conc: 5.03 ng/ml



#39 AR-1262-4

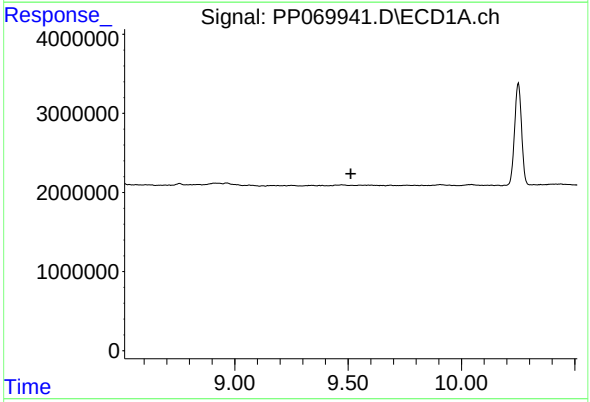
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



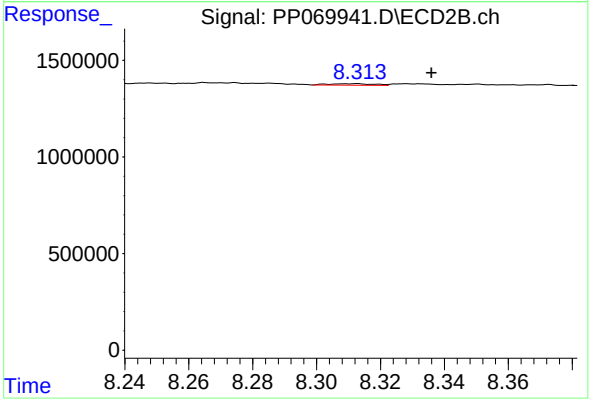
#39 AR-1262-4

R.T.: 7.810 min
Delta R.T.: -0.022 min
Response: 383599
Conc: 4.15 ng/ml



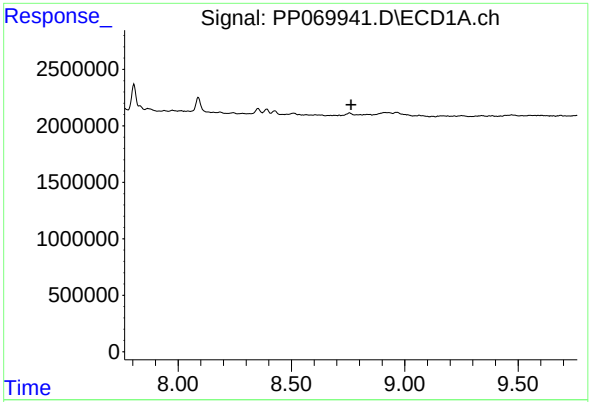
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

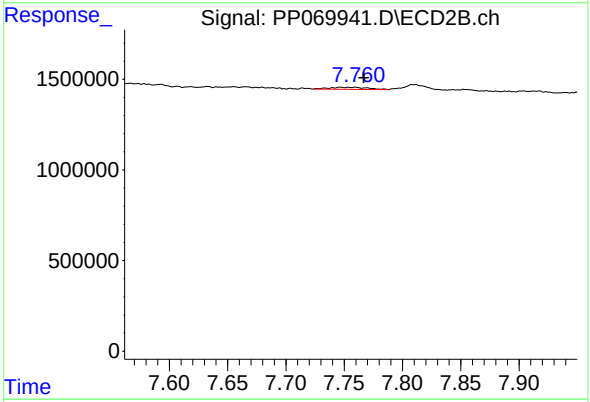
R.T.: 8.312 min
Delta R.T.: -0.024 min
Response: 73367
Conc: 1.54 ng/ml



#41 AR-1268-1

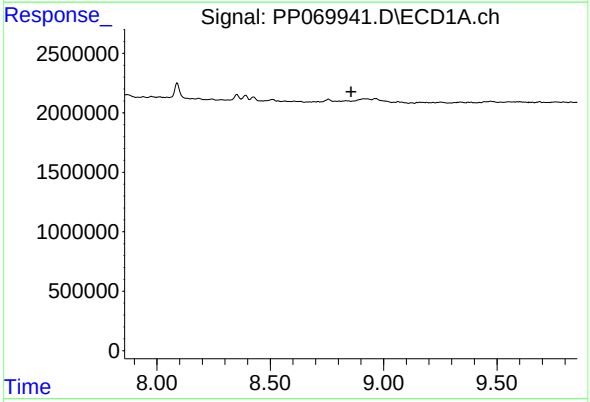
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



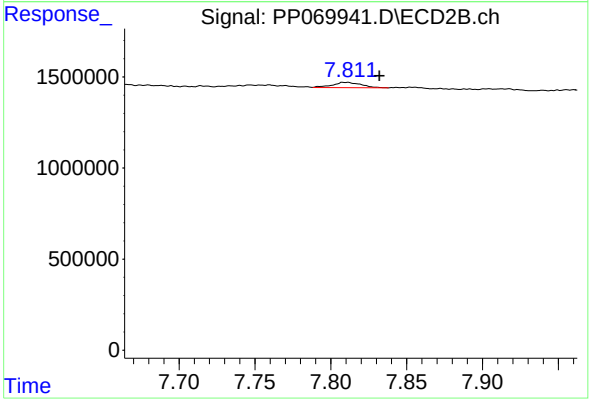
#41 AR-1268-1

R.T.: 7.747 min
Delta R.T.: -0.020 min
Response: 262967
Conc: 1.81 ng/ml



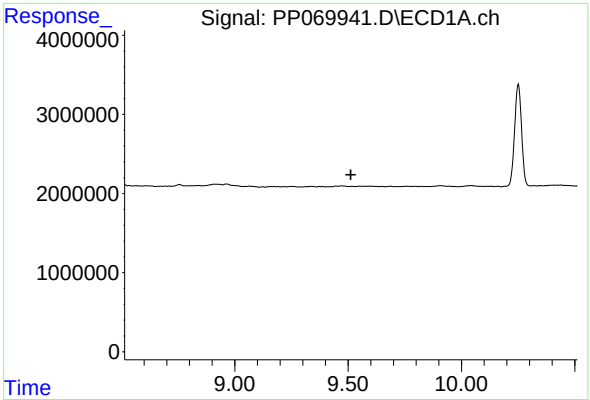
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

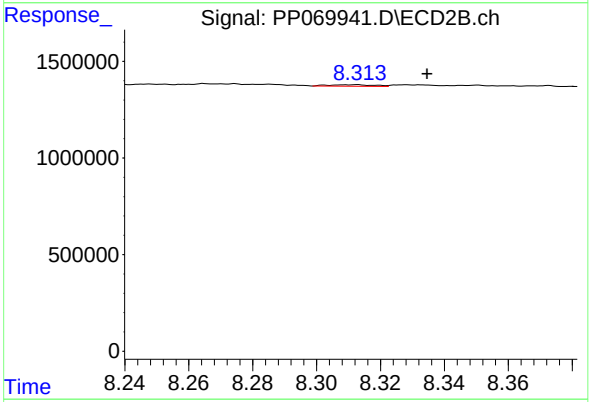
R.T.: 7.810 min
Delta R.T.: -0.022 min
Response: 383599
Conc: 2.89 ng/ml



#44 AR-1268-4

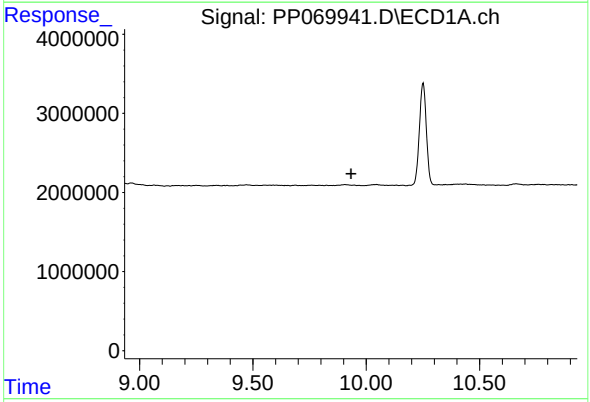
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-15-021725RE



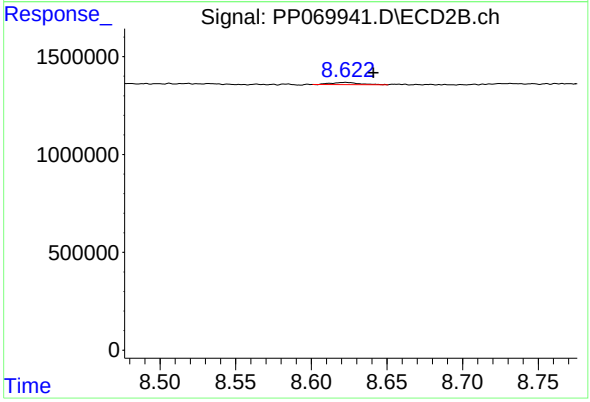
#44 AR-1268-4

R.T.: 8.312 min
Delta R.T.: -0.022 min
Response: 73367
Conc: 1.41 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.623 min
Delta R.T.: -0.019 min
Response: 145236
Conc: 0.41 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:10
Operator : YP\AJ
Sample : Q1383-13RE
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:00:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.829	39381272	22695528	27.511	25.428	
2)	SA Decachlor...	10.253	8.887	25024916	26115107	22.898	23.349	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.937	0	41998	N.D.	1.288	#
4)	L1 AR-1016-2	0.000	4.959	0	79324	N.D.	1.764	#
5)	L1 AR-1016-3	5.829f	5.119	1424105	797408	33.432	32.045	
6)	L1 AR-1016-4	5.829f	5.172	1424105	802659	40.688	39.743	
7)	L1 AR-1016-5	0.000	5.375	0	3844657	N.D.	143.330	#
8)	L2 AR-1221-1	0.000	4.051	0	95227	N.D.	7.731	#
9)	L2 AR-1221-2	4.828	4.133	648226	632027	47.342	65.269	#
10)	L2 AR-1221-3	0.000	4.210	0	154597	N.D.	5.299	#
11)	L3 AR-1232-1	4.828f	4.210	648226	154597	19.470	6.584	#
12)	L3 AR-1232-2	5.382f	4.959	469649	79324	28.739	3.365	#
13)	L3 AR-1232-3	0.000	5.119	0	797408	N.D.	61.589	#
14)	L3 AR-1232-4	5.829f	5.220	1424105	157364	79.933	14.194	#
15)	L3 AR-1232-5	0.000	5.375	0	3844657	N.D.	314.869	#
16)	L4 AR-1242-1	0.000	4.937	0	41998	N.D.	1.457	#
17)	L4 AR-1242-2	0.000	4.959	0	79324	N.D.	2.013	#
18)	L4 AR-1242-3	5.829f	5.119	1424105	797408	38.387	35.434	
19)	L4 AR-1242-4	5.829f	5.220	1424105	157364	43.425	7.291	#
20)	L4 AR-1242-5	6.602	5.750	2259231	1301973	69.335	45.257	#
21)	L5 AR-1248-1	0.000	4.937	0	41998	N.D.	1.908	#
22)	L5 AR-1248-2	0.000	5.172	0	802659	N.D.	26.698	#
23)	L5 AR-1248-3	0.000	5.220	0	157364	N.D.	5.079	#
24)	L5 AR-1248-4	6.532	5.375	6870055	3844657	124.635	104.068	
25)	L5 AR-1248-5	6.602	5.750	2259231	1301973	42.321	34.822	
26)	L6 AR-1254-1	6.532	5.750	6870055	1301973	118.728	23.648	#
27)	L6 AR-1254-2	6.743	5.872	4139033	2395640	51.582	49.529	
28)	L6 AR-1254-3	7.105	6.279	6657275	5442070	78.982	71.704	
29)	L6 AR-1254-4	7.390	6.508	5045427	1728999	73.993	33.737	#
30)	L6 AR-1254-5	0.000	6.926	0	686723	N.D.	10.317	#
31)	L7 AR-1260-1	7.225f	6.409	2167906	1811297	37.099	37.556	
32)	L7 AR-1260-2	7.527	6.640	943118	107907	12.120	1.760	#
33)	L7 AR-1260-3	0.000	6.755	0	711140	N.D.	11.822	#
34)	L7 AR-1260-4	8.091	7.266	754043	393197	11.429	8.462	#
35)	L7 AR-1260-5	8.393f	7.435f	423193	201828	3.232	1.816	#
36)	L8 AR-1262-1	8.091	6.926f	754043	686723	9.543	9.670	
37)	L8 AR-1262-2	8.393f	7.266	423193	393197	2.767	6.448	#
38)	L8 AR-1262-3	0.000	7.781	0	126643	N.D.	2.422	#
39)	L8 AR-1262-4	0.000	7.854	0	316455	N.D.	3.423	#
41)	L9 AR-1268-1	0.000	7.781	0	126643	N.D.	0.873	#
42)	L9 AR-1268-2	0.000	7.854	0	316455	N.D.	2.383	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:10
Operator : YP\AJ
Sample : Q1383-13RE
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:00:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	0.000	8.620	0	243589	N.D.	0.684 #

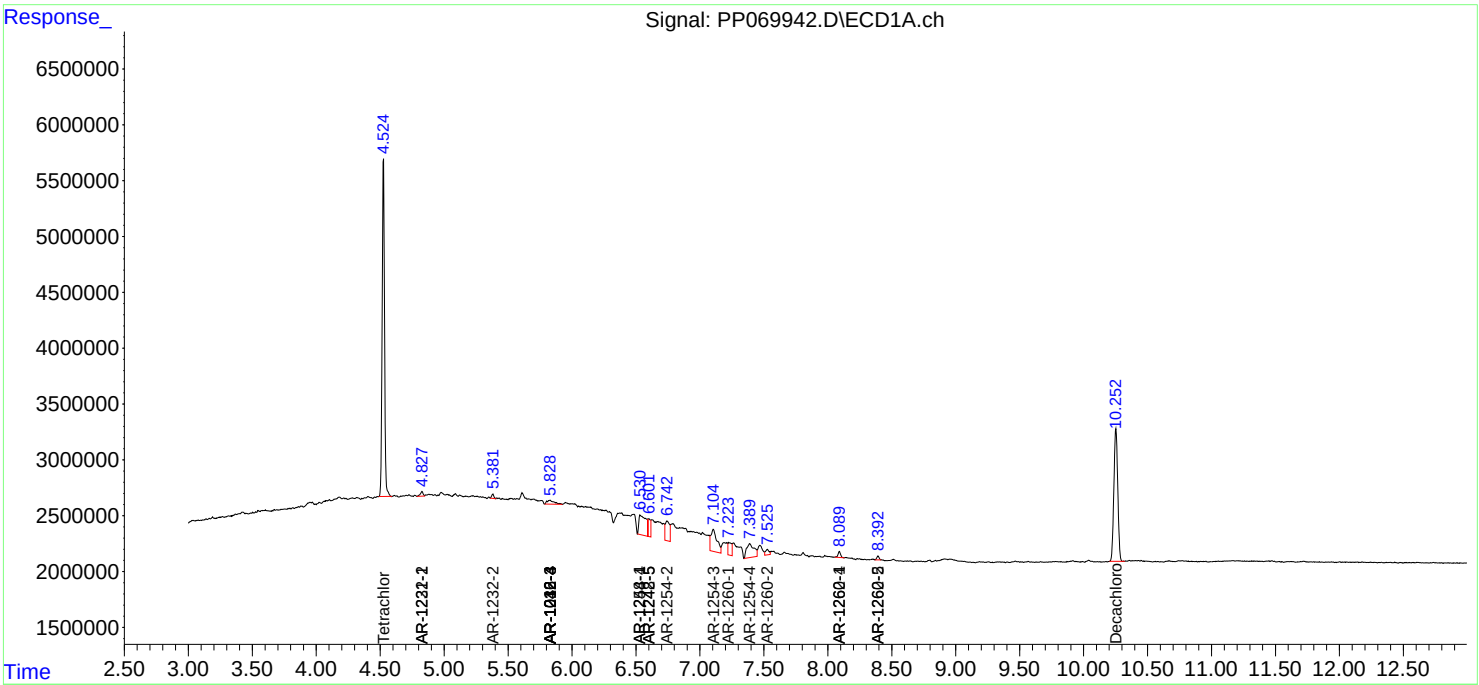
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

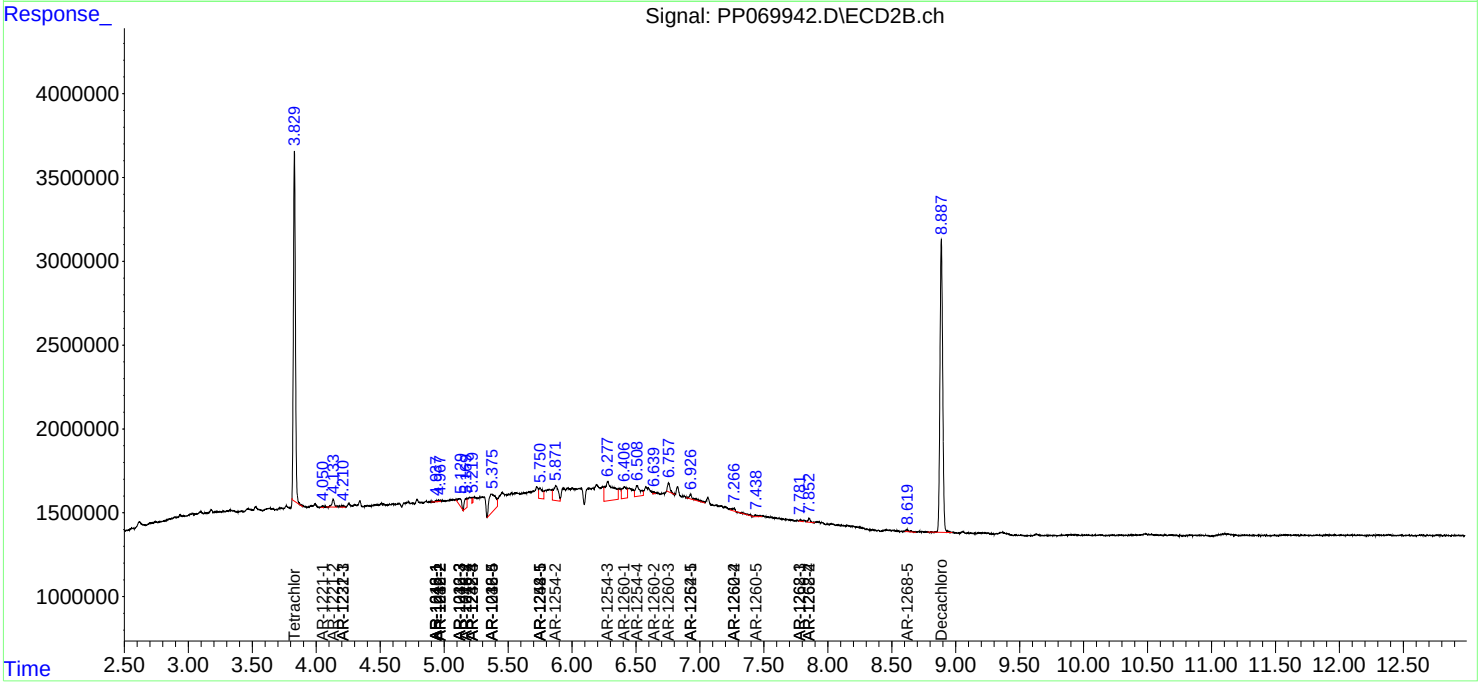
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:10
Operator : YP\AJ
Sample : Q1383-13RE
Misc :
ALS Vial : 32 Sample Multiplier: 1

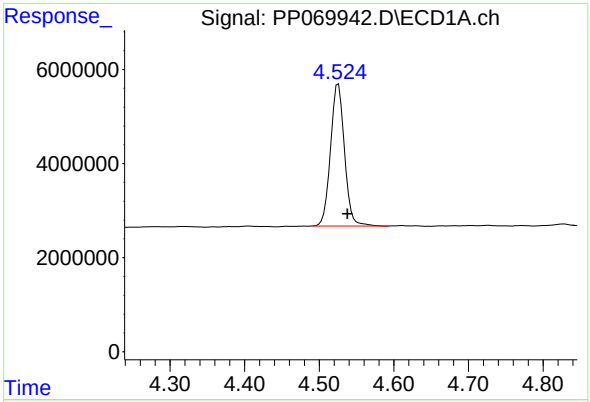
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:00:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



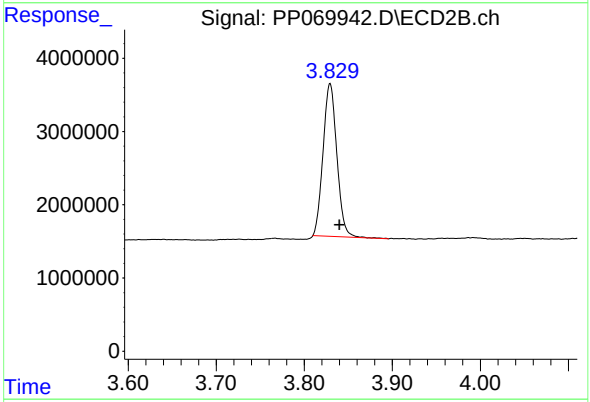




#1 Tetrachloro-m-xylene

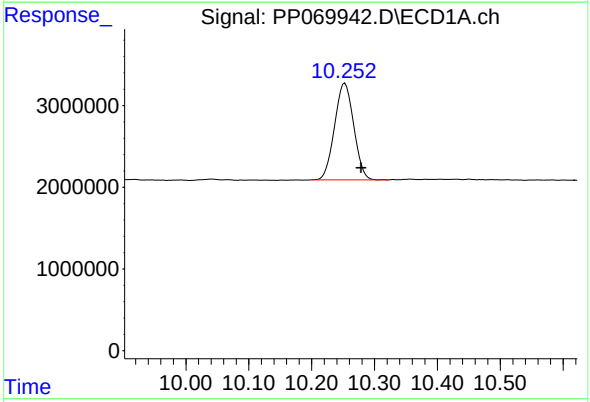
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 39381272
Conc: 27.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



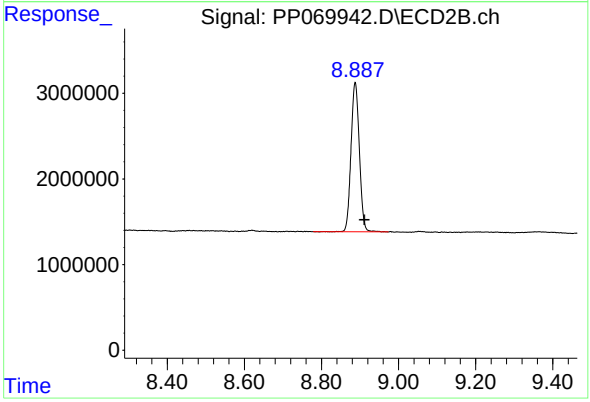
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 22695528
Conc: 25.43 ng/ml



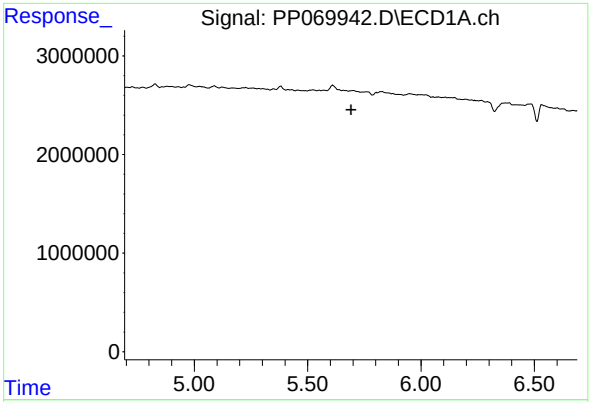
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 25024916
Conc: 22.90 ng/ml



#2 Decachlorobiphenyl

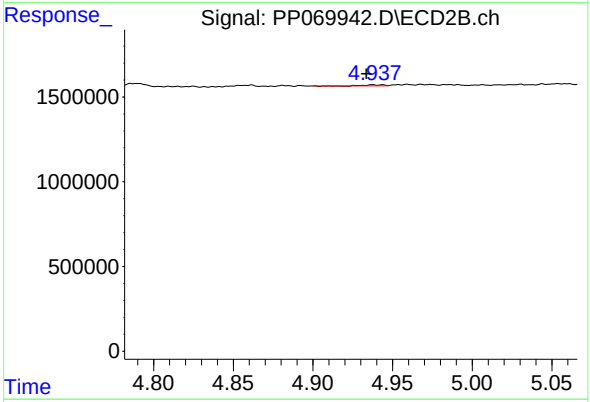
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26115107
Conc: 23.35 ng/ml



#3 AR-1016-1

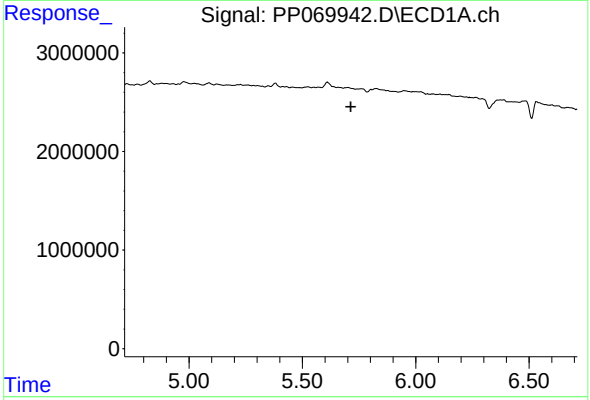
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



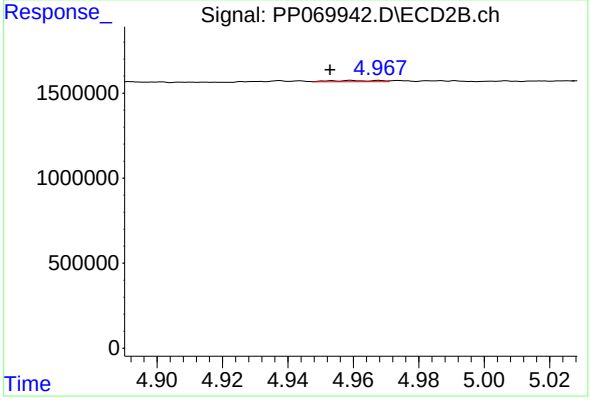
#3 AR-1016-1

R.T.: 4.937 min
Delta R.T.: 0.004 min
Response: 41998
Conc: 1.29 ng/ml



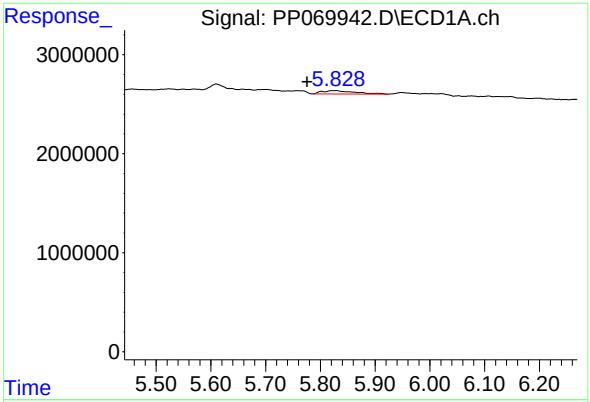
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

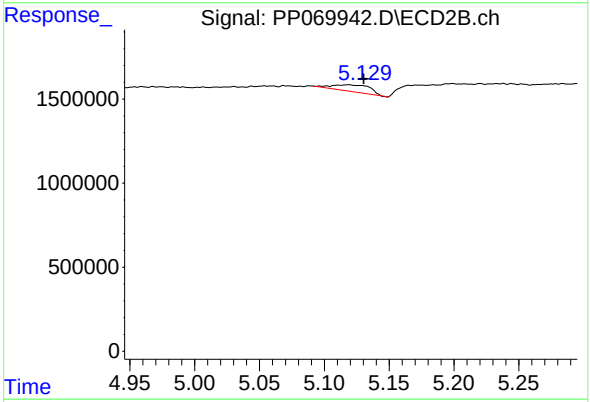
R.T.: 4.959 min
Delta R.T.: 0.007 min
Response: 79324
Conc: 1.76 ng/ml



#5 AR-1016-3

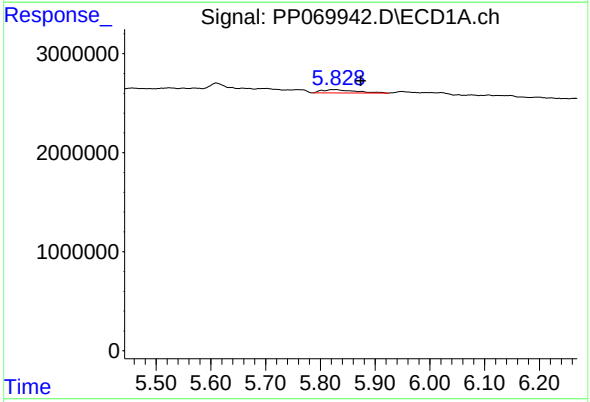
R.T.: 5.829 min
Delta R.T.: 0.053 min
Response: 1424105
Conc: 33.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



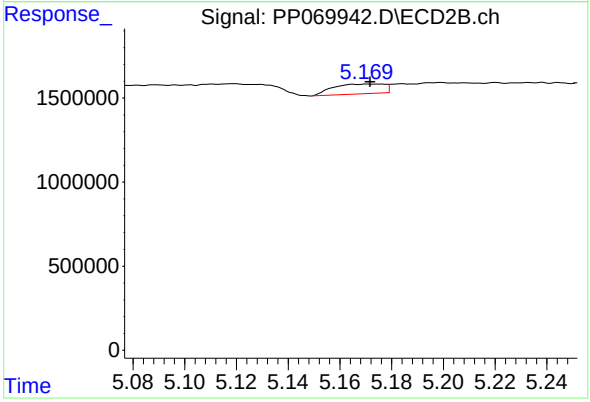
#5 AR-1016-3

R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 797408
Conc: 32.05 ng/ml



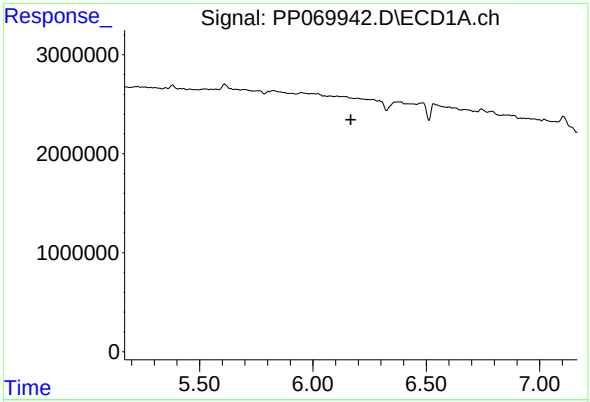
#6 AR-1016-4

R.T.: 5.829 min
Delta R.T.: -0.045 min
Response: 1424105
Conc: 40.69 ng/ml



#6 AR-1016-4

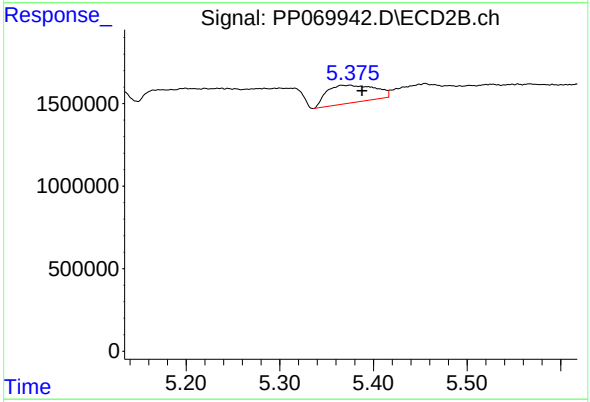
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 802659
Conc: 39.74 ng/ml



#7 AR-1016-5

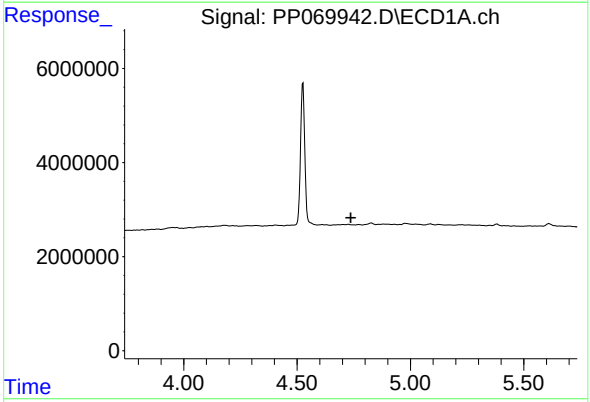
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



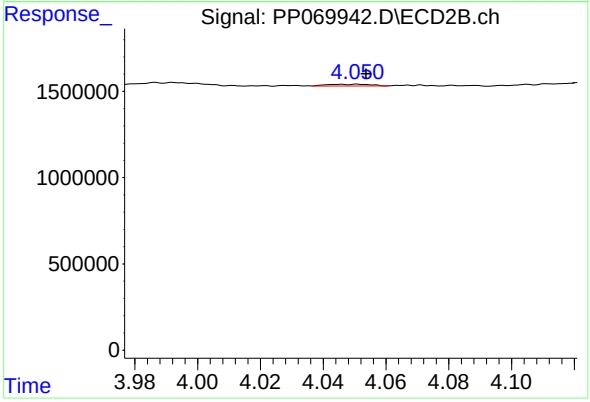
#7 AR-1016-5

R.T.: 5.375 min
Delta R.T.: -0.013 min
Response: 3844657
Conc: 143.33 ng/ml



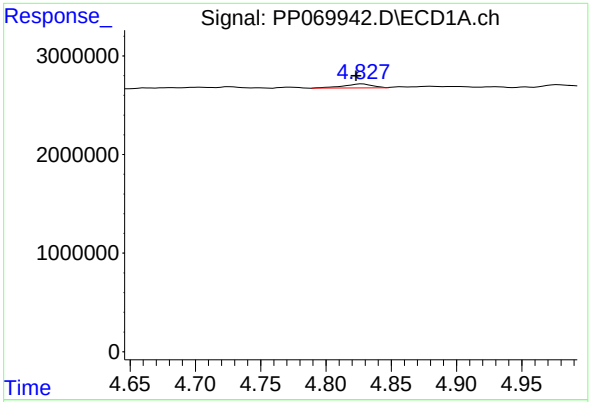
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

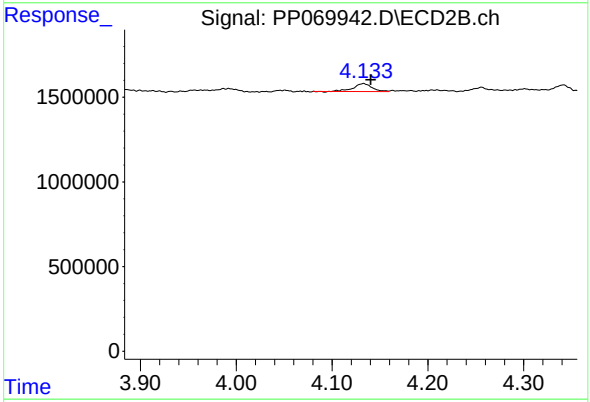
R.T.: 4.051 min
Delta R.T.: -0.003 min
Response: 95227
Conc: 7.73 ng/ml



#9 AR-1221-2

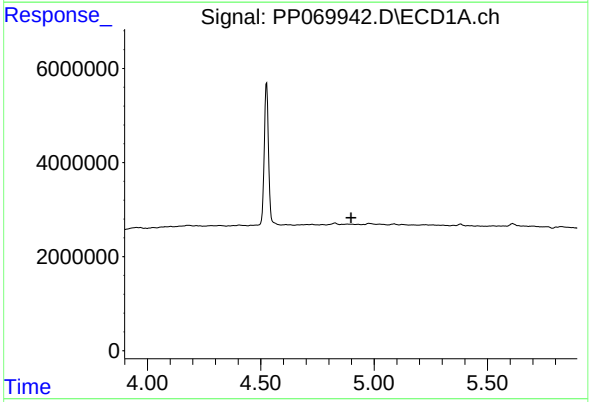
R.T.: 4.828 min
Delta R.T.: 0.005 min
Response: 648226
Conc: 47.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



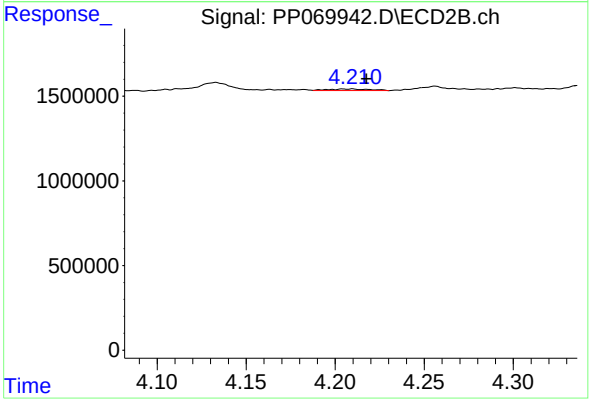
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 632027
Conc: 65.27 ng/ml



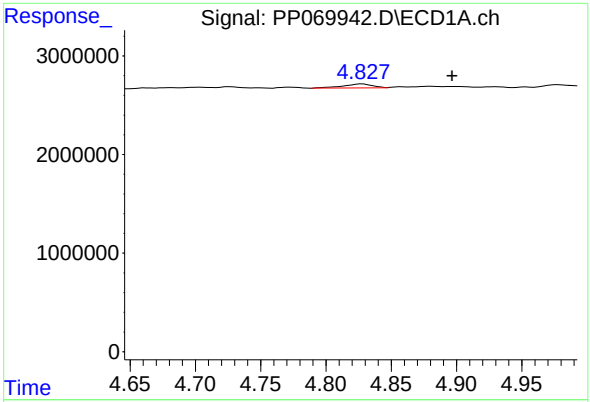
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

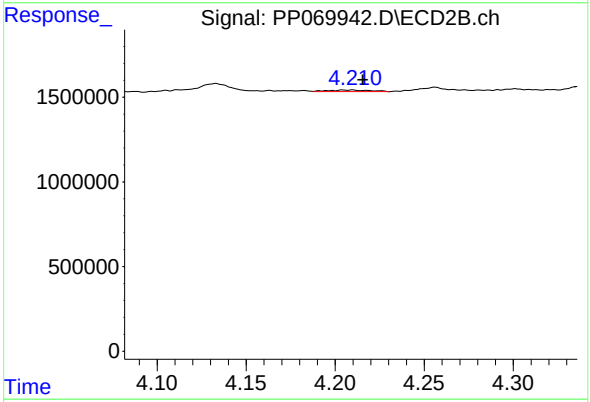
R.T.: 4.210 min
Delta R.T.: -0.008 min
Response: 154597
Conc: 5.30 ng/ml



#11 AR-1232-1

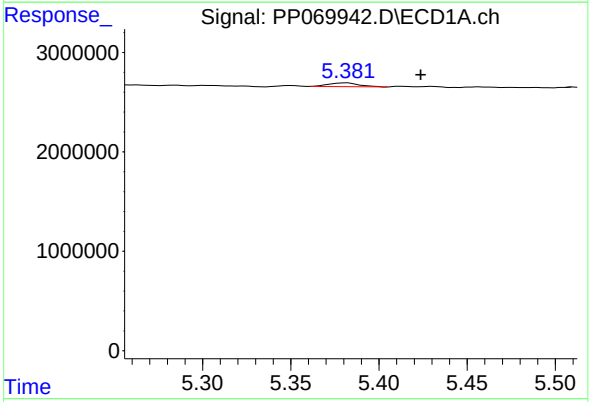
R.T.: 4.828 min
Delta R.T.: -0.069 min
Response: 648226
Conc: 19.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



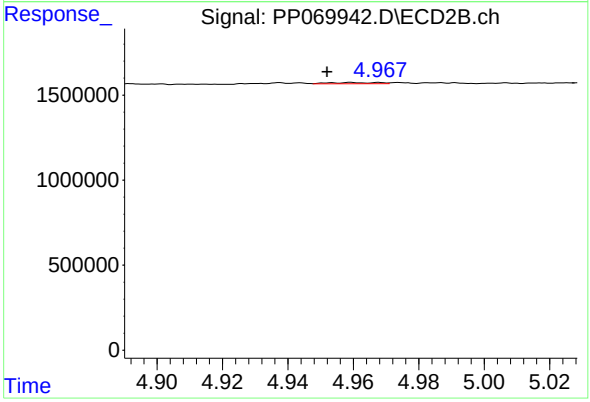
#11 AR-1232-1

R.T.: 4.210 min
Delta R.T.: -0.006 min
Response: 154597
Conc: 6.58 ng/ml



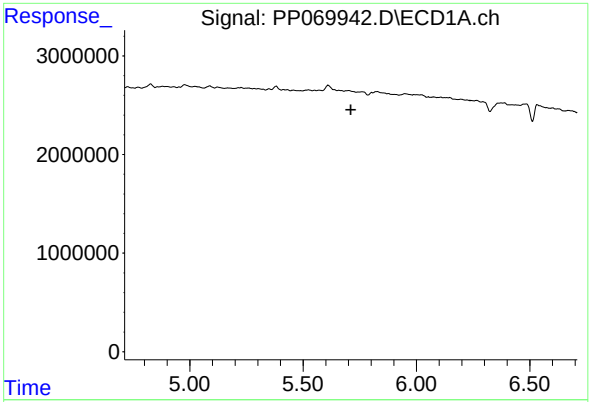
#12 AR-1232-2

R.T.: 5.382 min
Delta R.T.: -0.042 min
Response: 469649
Conc: 28.74 ng/ml



#12 AR-1232-2

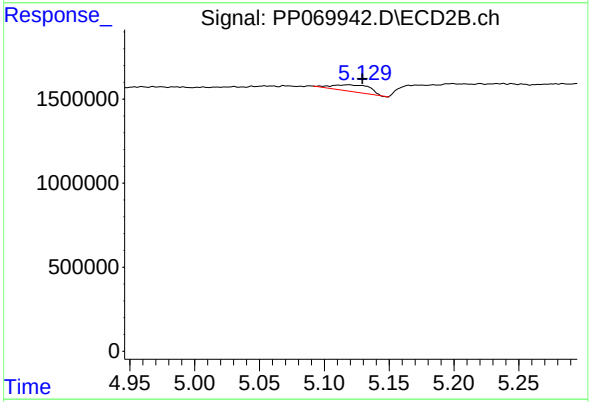
R.T.: 4.959 min
Delta R.T.: 0.007 min
Response: 79324
Conc: 3.37 ng/ml



#13 AR-1232-3

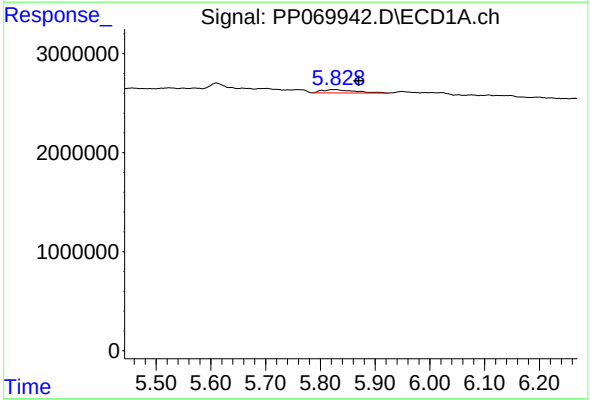
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



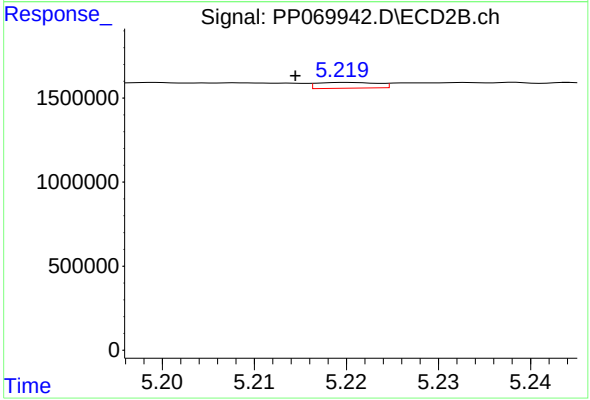
#13 AR-1232-3

R.T.: 5.119 min
Delta R.T.: -0.010 min
Response: 797408
Conc: 61.59 ng/ml



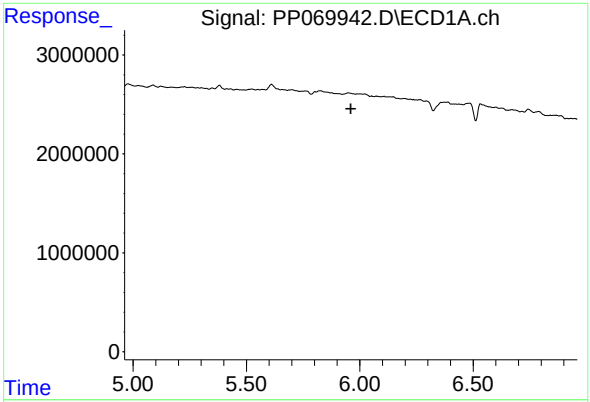
#14 AR-1232-4

R.T.: 5.829 min
Delta R.T.: -0.041 min
Response: 1424105
Conc: 79.93 ng/ml



#14 AR-1232-4

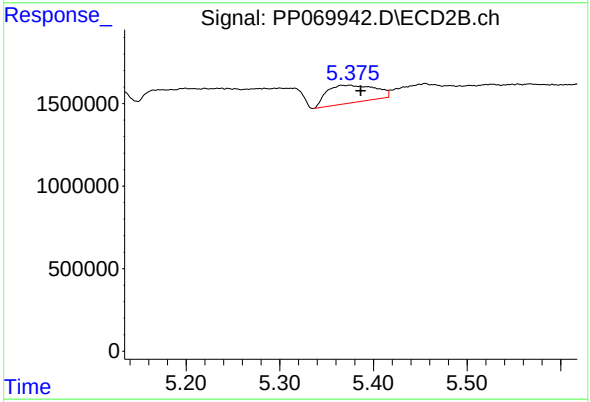
R.T.: 5.220 min
Delta R.T.: 0.006 min
Response: 157364
Conc: 14.19 ng/ml



#15 AR-1232-5

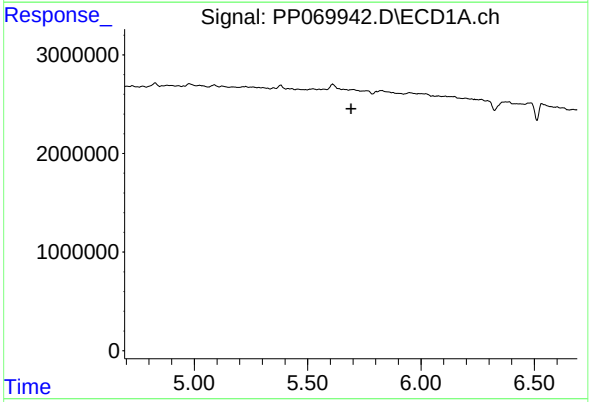
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



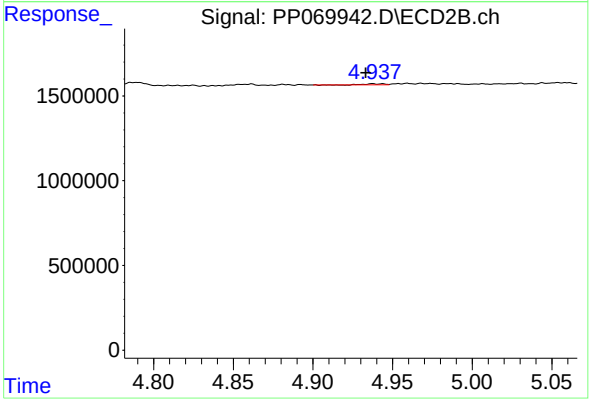
#15 AR-1232-5

R.T.: 5.375 min
Delta R.T.: -0.012 min
Response: 3844657
Conc: 314.87 ng/ml



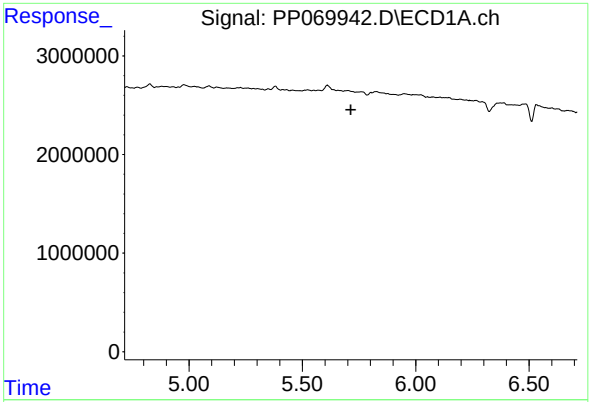
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

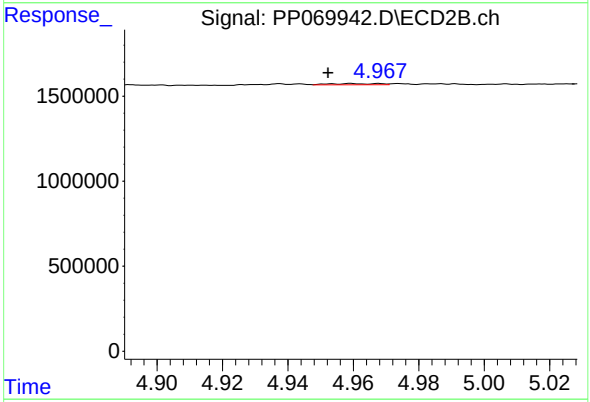
R.T.: 4.937 min
Delta R.T.: 0.004 min
Response: 41998
Conc: 1.46 ng/ml



#17 AR-1242-2

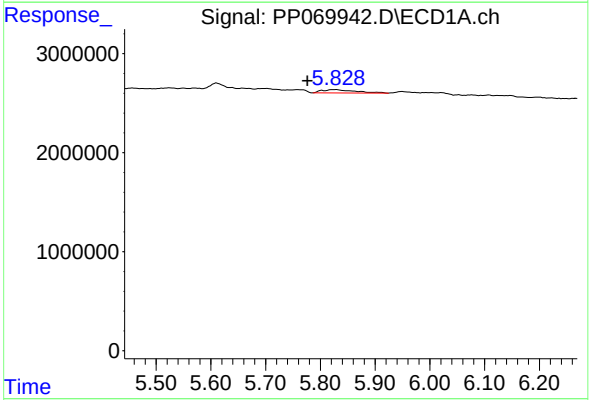
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



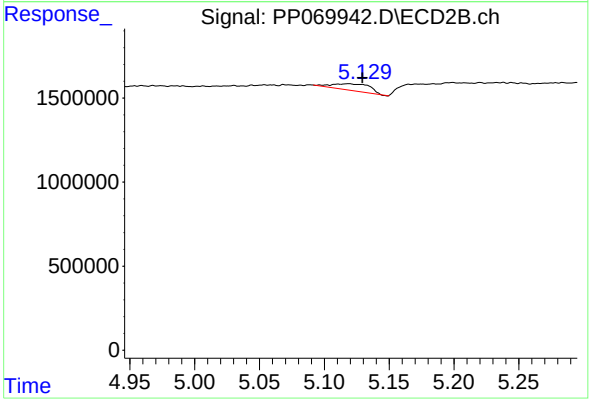
#17 AR-1242-2

R.T.: 4.959 min
Delta R.T.: 0.007 min
Response: 79324
Conc: 2.01 ng/ml



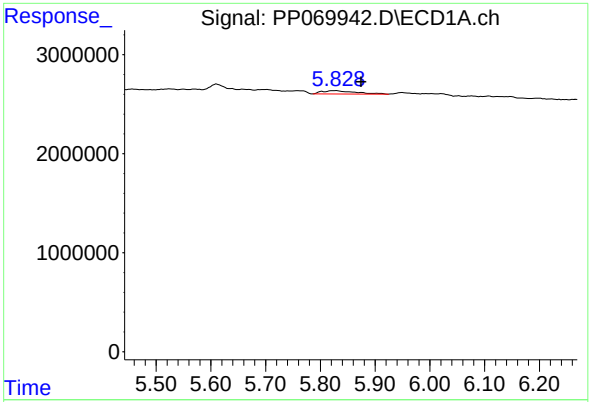
#18 AR-1242-3

R.T.: 5.829 min
Delta R.T.: 0.053 min
Response: 1424105
Conc: 38.39 ng/ml



#18 AR-1242-3

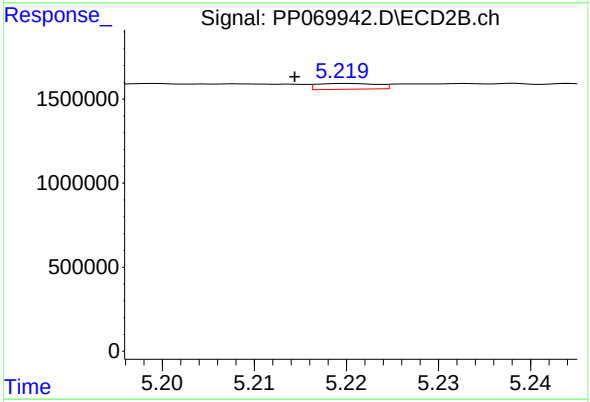
R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 797408
Conc: 35.43 ng/ml



#19 AR-1242-4

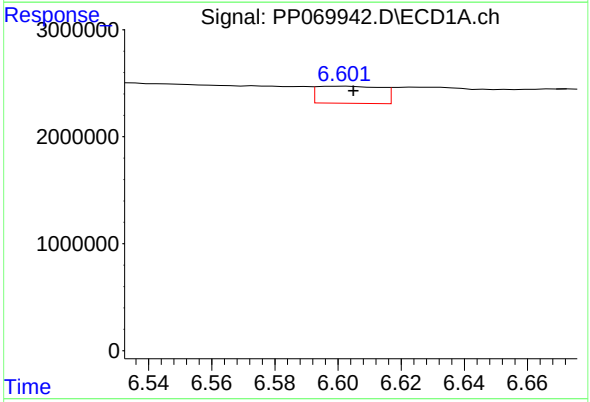
R.T.: 5.829 min
Delta R.T.: -0.045 min
Response: 1424105
Conc: 43.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



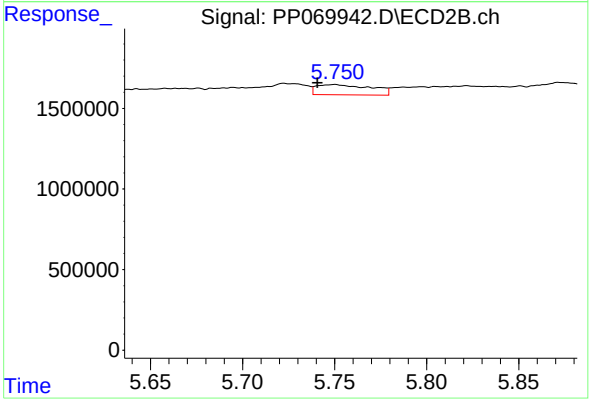
#19 AR-1242-4

R.T.: 5.220 min
Delta R.T.: 0.006 min
Response: 157364
Conc: 7.29 ng/ml



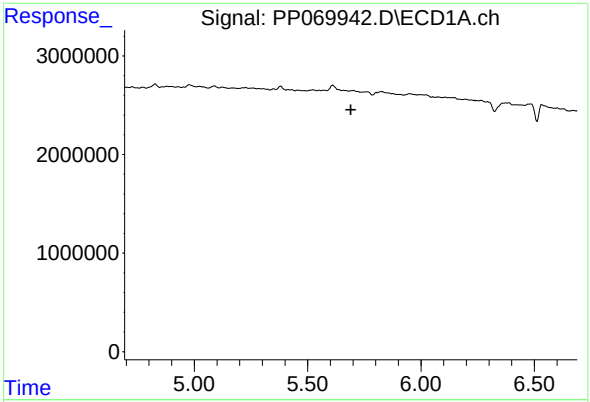
#20 AR-1242-5

R.T.: 6.602 min
Delta R.T.: -0.003 min
Response: 2259231
Conc: 69.33 ng/ml



#20 AR-1242-5

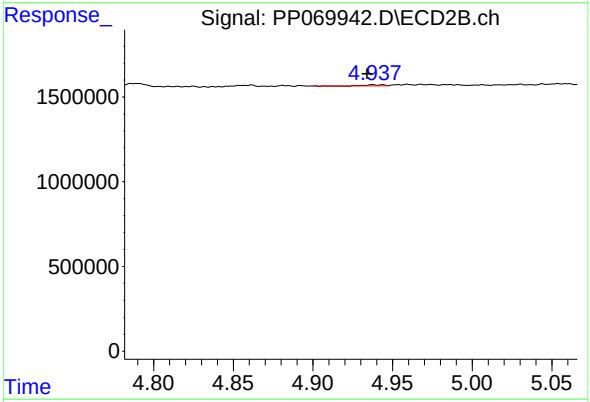
R.T.: 5.750 min
Delta R.T.: 0.009 min
Response: 1301973
Conc: 45.26 ng/ml



#21 AR-1248-1

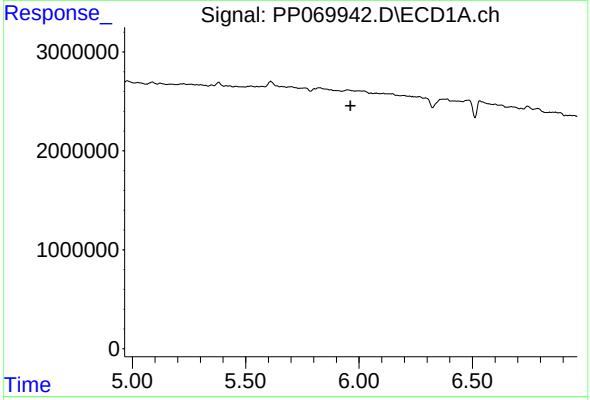
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



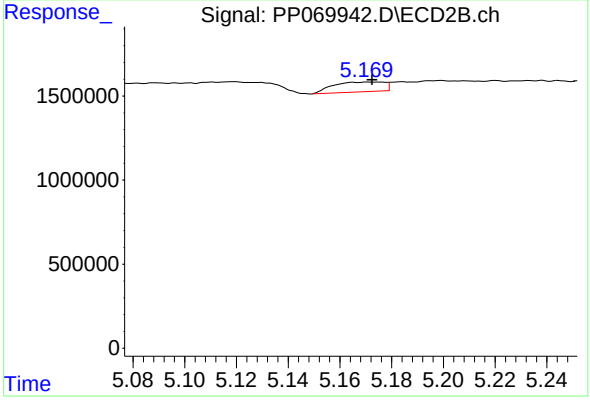
#21 AR-1248-1

R.T.: 4.937 min
Delta R.T.: 0.003 min
Response: 41998
Conc: 1.91 ng/ml



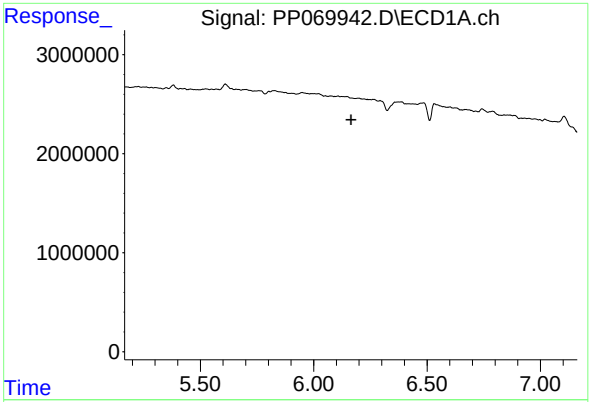
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

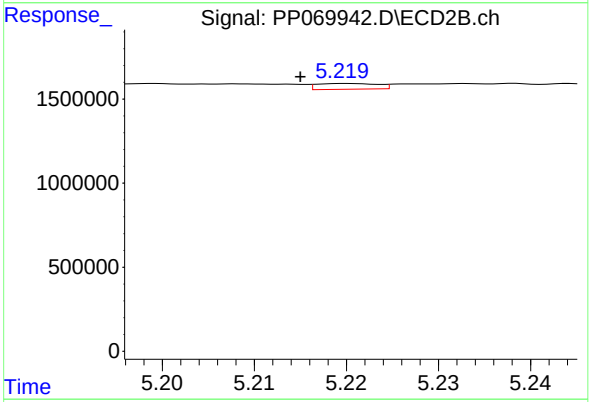
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 802659
Conc: 26.70 ng/ml



#23 AR-1248-3

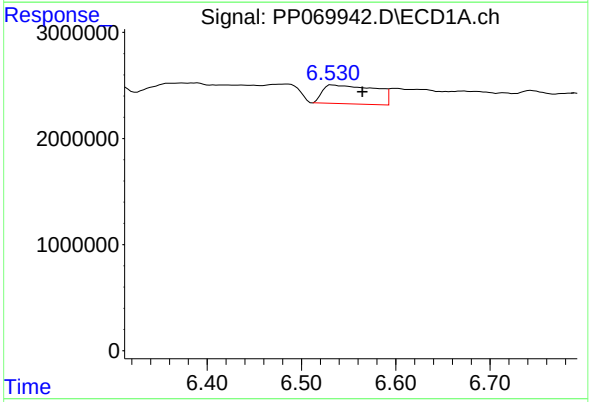
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



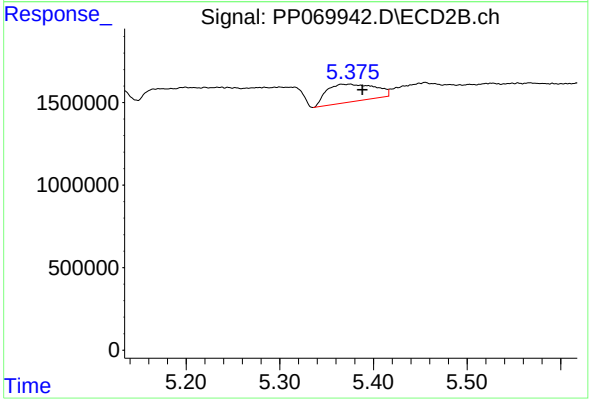
#23 AR-1248-3

R.T.: 5.220 min
Delta R.T.: 0.005 min
Response: 157364
Conc: 5.08 ng/ml



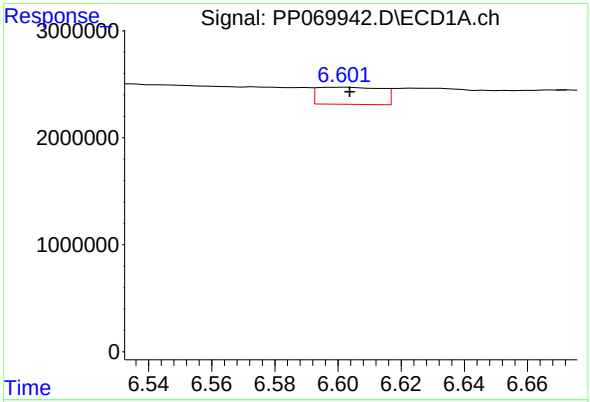
#24 AR-1248-4

R.T.: 6.532 min
Delta R.T.: -0.032 min
Response: 6870055
Conc: 124.64 ng/ml



#24 AR-1248-4

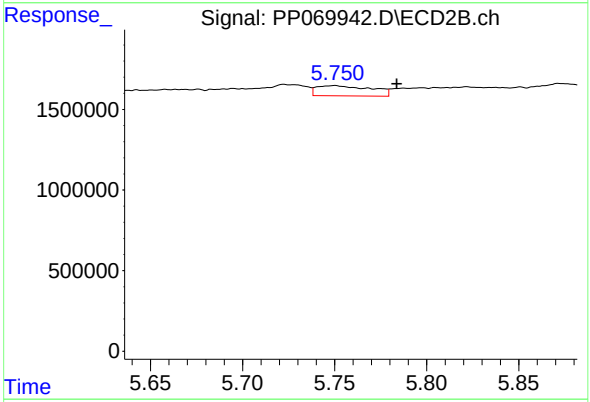
R.T.: 5.375 min
Delta R.T.: -0.013 min
Response: 3844657
Conc: 104.07 ng/ml



#25 AR-1248-5

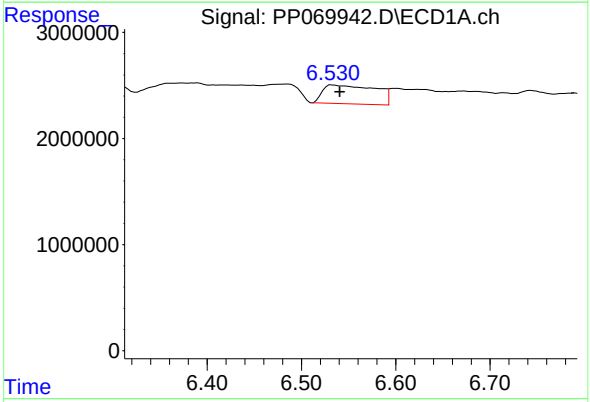
R.T.: 6.602 min
Delta R.T.: -0.001 min
Response: 2259231
Conc: 42.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



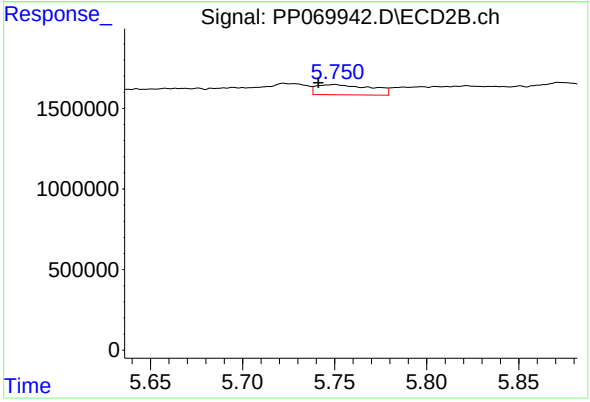
#25 AR-1248-5

R.T.: 5.750 min
Delta R.T.: -0.034 min
Response: 1301973
Conc: 34.82 ng/ml



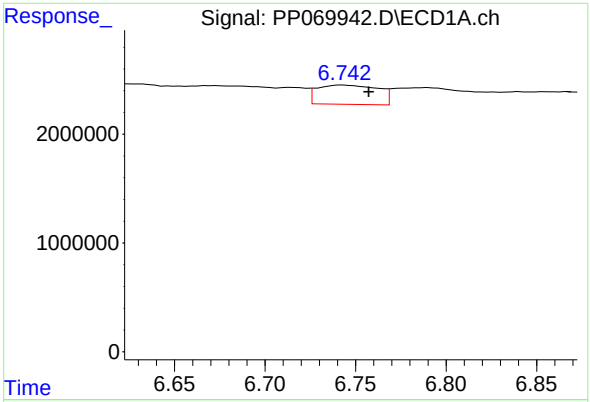
#26 AR-1254-1

R.T.: 6.532 min
Delta R.T.: -0.008 min
Response: 6870055
Conc: 118.73 ng/ml



#26 AR-1254-1

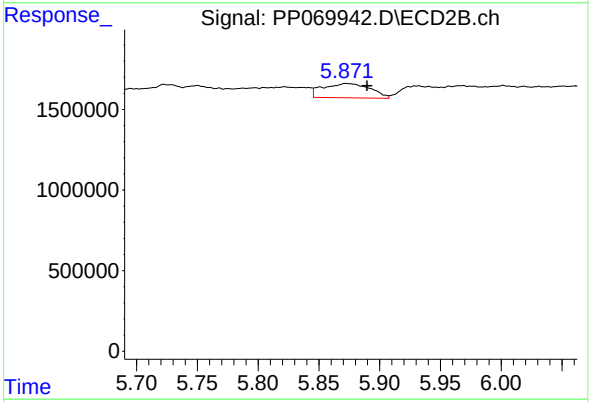
R.T.: 5.750 min
Delta R.T.: 0.009 min
Response: 1301973
Conc: 23.65 ng/ml



#27 AR-1254-2

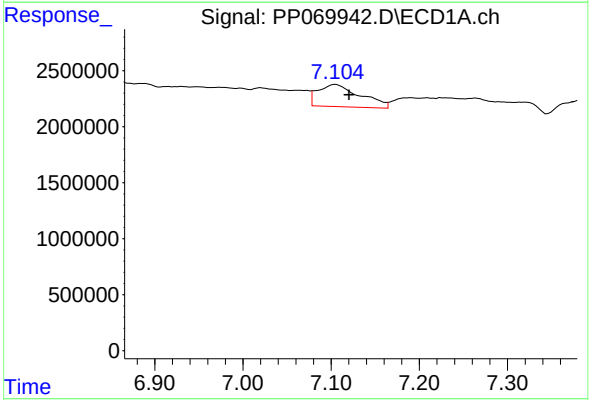
R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 4139033
Conc: 51.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



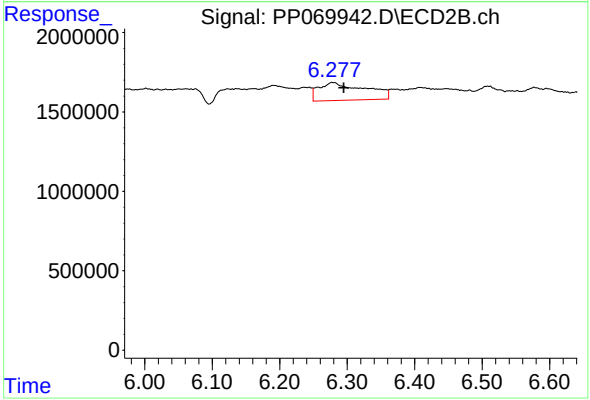
#27 AR-1254-2

R.T.: 5.872 min
Delta R.T.: -0.018 min
Response: 2395640
Conc: 49.53 ng/ml



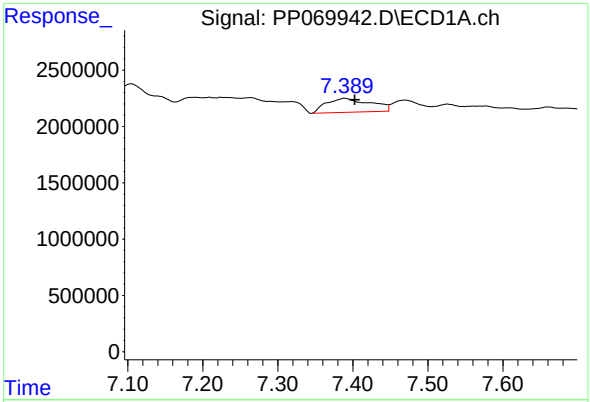
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 6657275
Conc: 78.98 ng/ml



#28 AR-1254-3

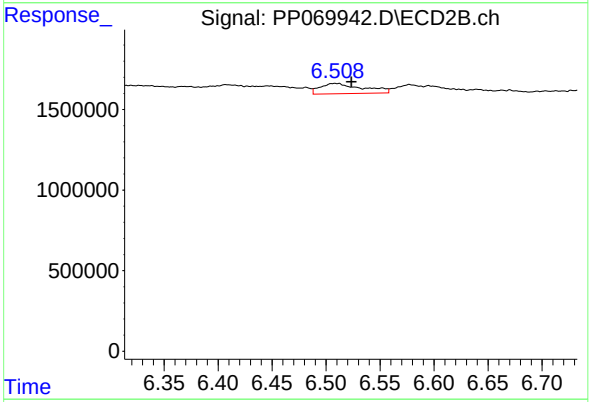
R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 5442070
Conc: 71.70 ng/ml



#29 AR-1254-4

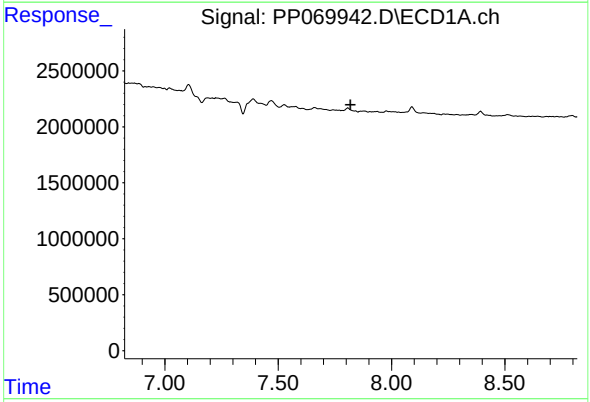
R.T.: 7.390 min
Delta R.T.: -0.013 min
Response: 5045427
Conc: 73.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



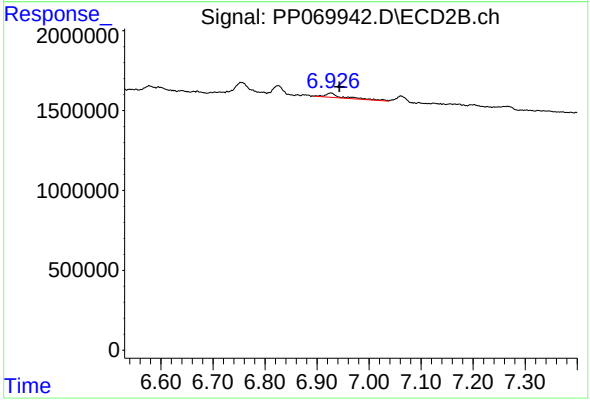
#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 1728999
Conc: 33.74 ng/ml



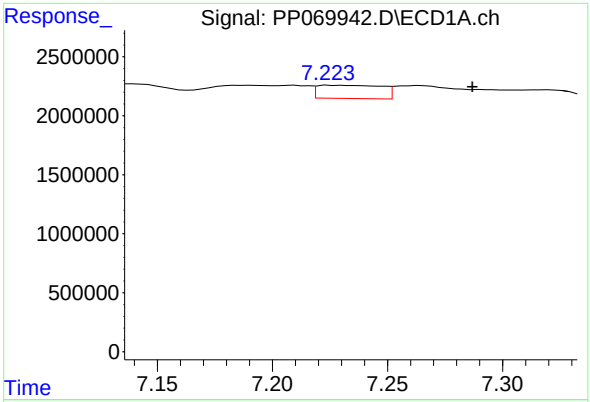
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

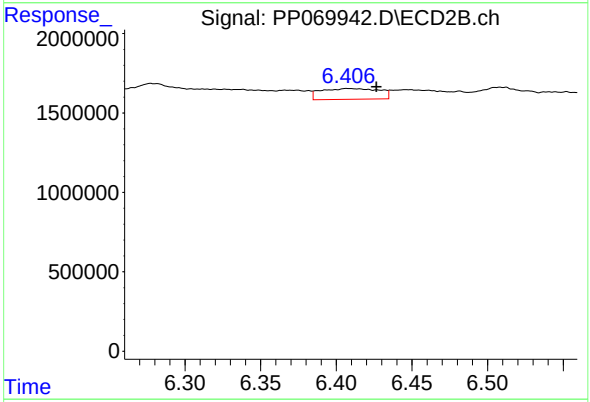
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 686723
Conc: 10.32 ng/ml



#31 AR-1260-1

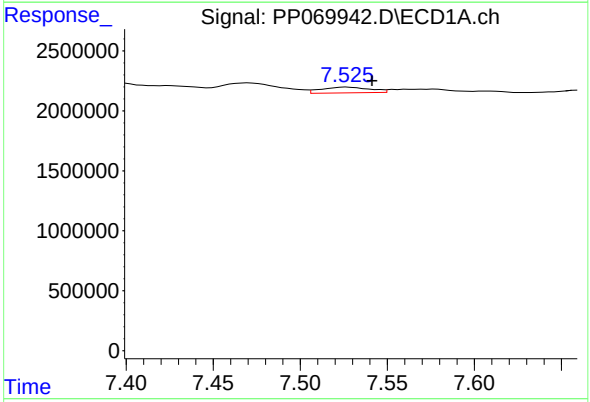
R.T.: 7.225 min
Delta R.T.: -0.062 min
Response: 2167906
Conc: 37.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



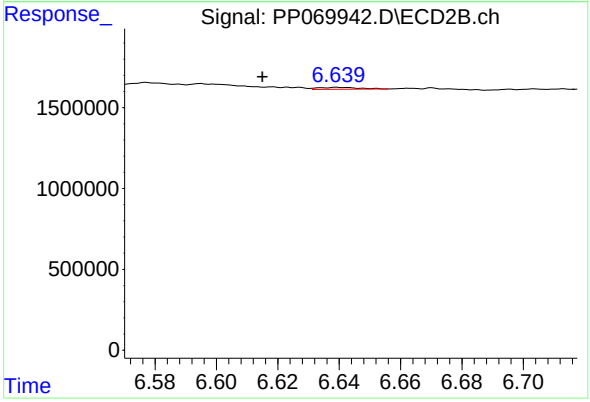
#31 AR-1260-1

R.T.: 6.409 min
Delta R.T.: -0.018 min
Response: 1811297
Conc: 37.56 ng/ml



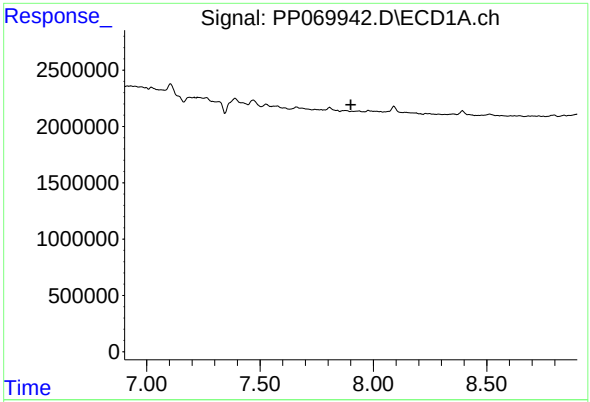
#32 AR-1260-2

R.T.: 7.527 min
Delta R.T.: -0.014 min
Response: 943118
Conc: 12.12 ng/ml



#32 AR-1260-2

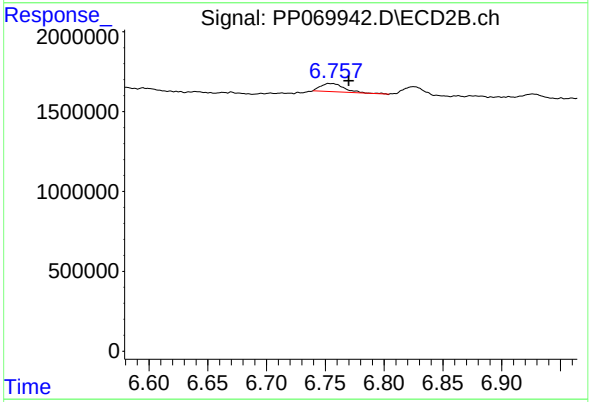
R.T.: 6.640 min
Delta R.T.: 0.025 min
Response: 107907
Conc: 1.76 ng/ml



#33 AR-1260-3

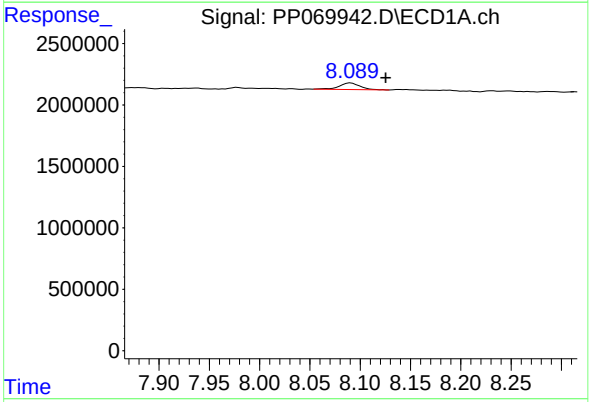
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



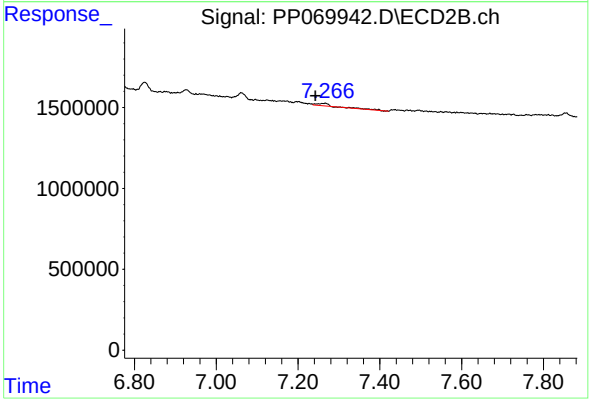
#33 AR-1260-3

R.T.: 6.755 min
Delta R.T.: -0.015 min
Response: 711140
Conc: 11.82 ng/ml



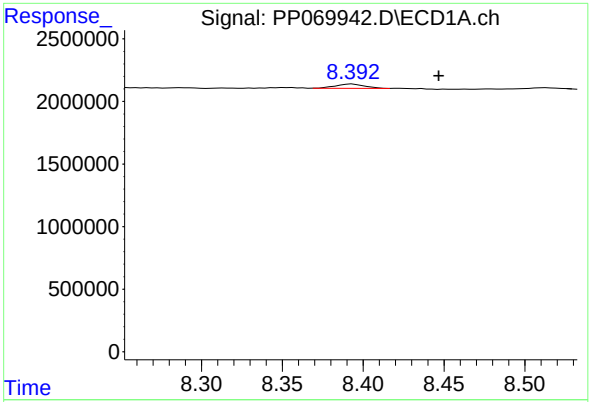
#34 AR-1260-4

R.T.: 8.091 min
Delta R.T.: -0.035 min
Response: 754043
Conc: 11.43 ng/ml



#34 AR-1260-4

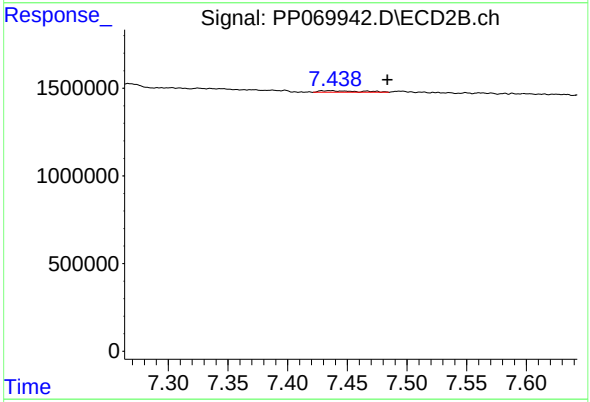
R.T.: 7.266 min
Delta R.T.: 0.024 min
Response: 393197
Conc: 8.46 ng/ml



#35 AR-1260-5

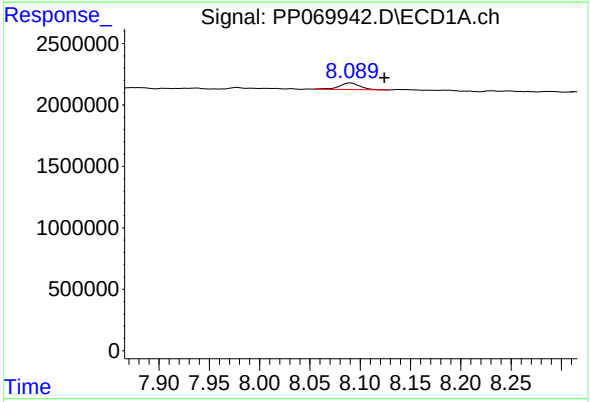
R.T.: 8.393 min
Delta R.T.: -0.053 min
Response: 423193
Conc: 3.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



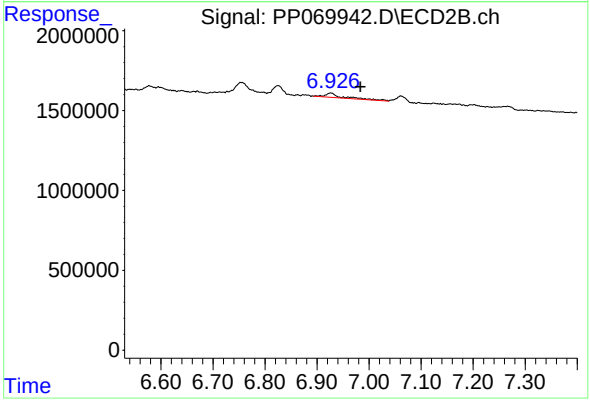
#35 AR-1260-5

R.T.: 7.435 min
Delta R.T.: -0.049 min
Response: 201828
Conc: 1.82 ng/ml



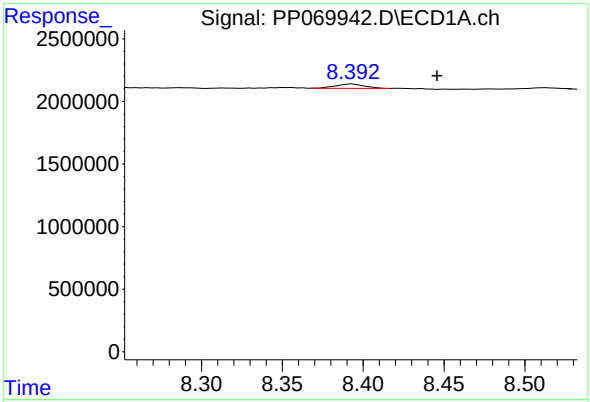
#36 AR-1262-1

R.T.: 8.091 min
Delta R.T.: -0.033 min
Response: 754043
Conc: 9.54 ng/ml



#36 AR-1262-1

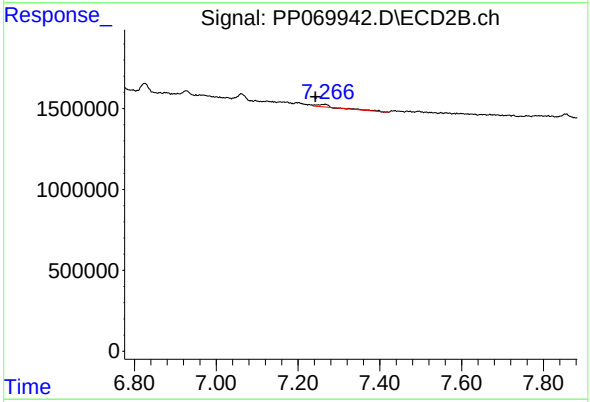
R.T.: 6.926 min
Delta R.T.: -0.057 min
Response: 686723
Conc: 9.67 ng/ml



#37 AR-1262-2

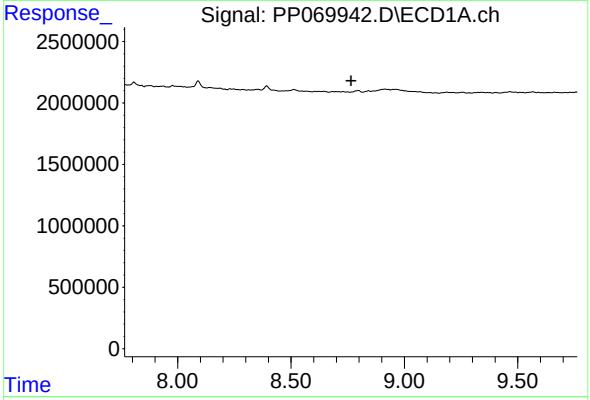
R.T.: 8.393 min
Delta R.T.: -0.052 min
Response: 423193
Conc: 2.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



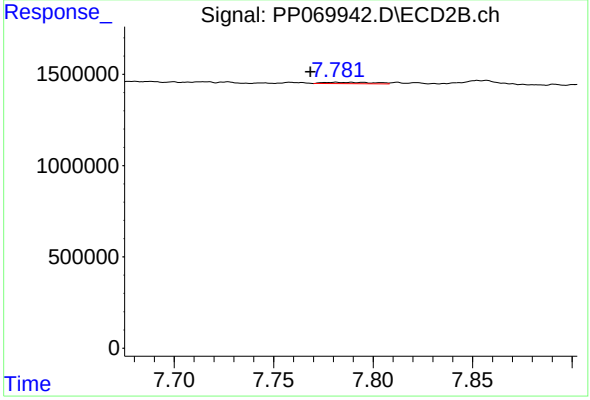
#37 AR-1262-2

R.T.: 7.266 min
Delta R.T.: 0.023 min
Response: 393197
Conc: 6.45 ng/ml



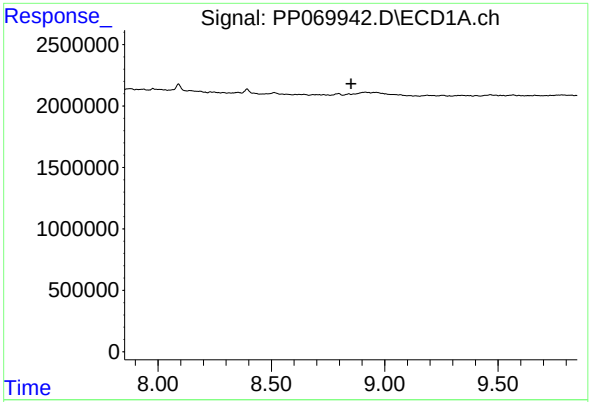
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

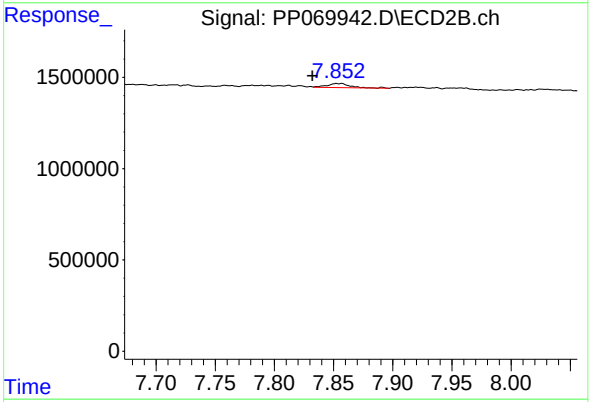
R.T.: 7.781 min
Delta R.T.: 0.013 min
Response: 126643
Conc: 2.42 ng/ml



#39 AR-1262-4

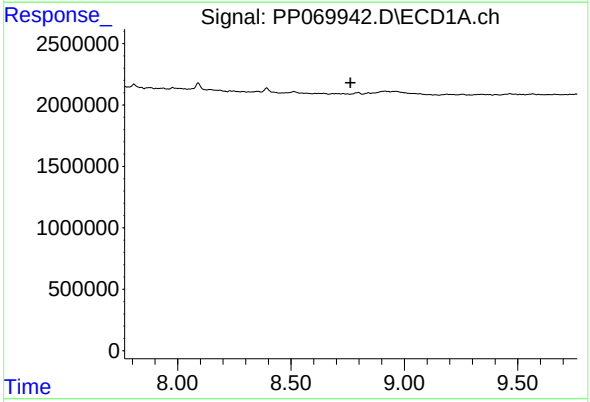
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



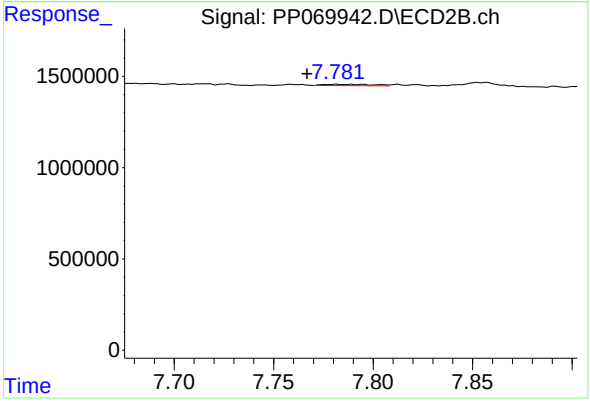
#39 AR-1262-4

R.T.: 7.854 min
Delta R.T.: 0.022 min
Response: 316455
Conc: 3.42 ng/ml



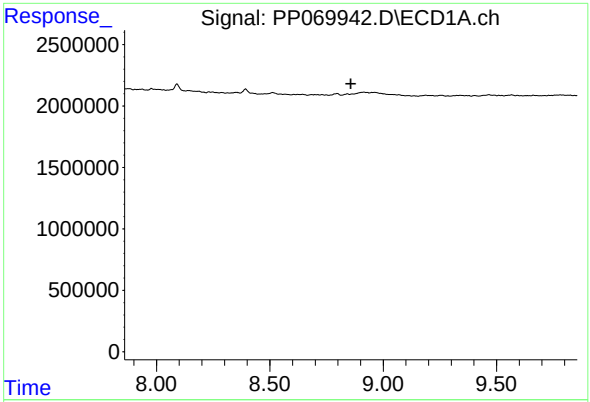
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

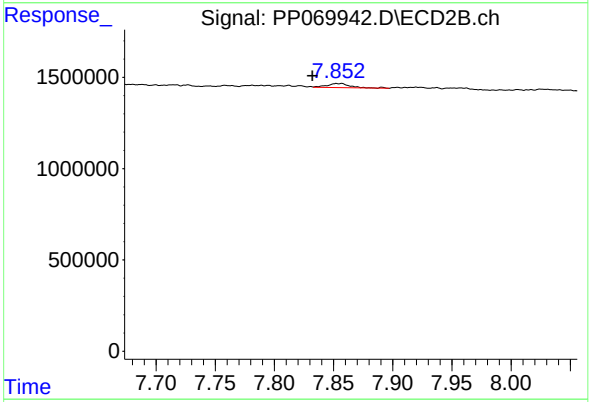
R.T.: 7.781 min
Delta R.T.: 0.014 min
Response: 126643
Conc: 0.87 ng/ml



#42 AR-1268-2

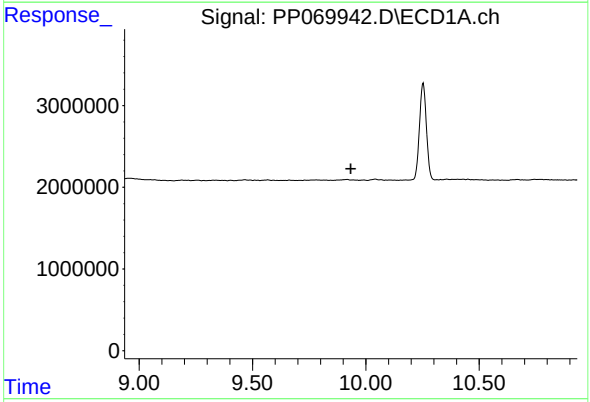
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-17-021725RE



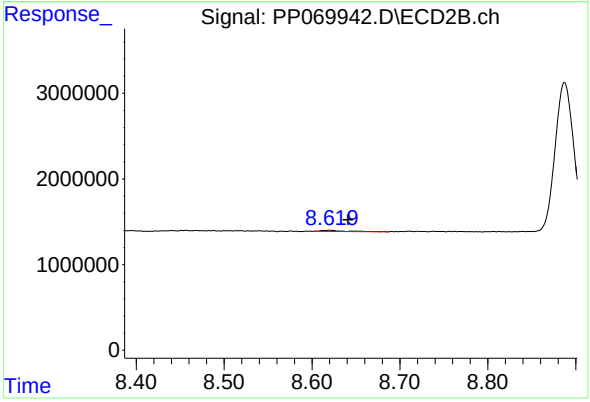
#42 AR-1268-2

R.T.: 7.854 min
Delta R.T.: 0.022 min
Response: 316455
Conc: 2.38 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.620 min
Delta R.T.: -0.021 min
Response: 243589
Conc: 0.68 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:27
Operator : YP\AJ
Sample : Q1383-17RE
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:01:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.524	3.829	38989572	22418452	27.237	25.118	
2)	SA Decachlor...	10.250	8.887	24703576	26455035	22.604	23.653	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.939	0	32258	N.D.	0.989	#
4)	L1 AR-1016-2	0.000	4.949	0	27156	N.D.	0.604	#
5)	L1 AR-1016-3	0.000	5.125	0	580232	N.D.	23.317	#
6)	L1 AR-1016-4	0.000	5.170	0	474654	N.D.	23.502	#
7)	L1 AR-1016-5	0.000	5.389	0	937948	N.D.	34.967	#
8)	L2 AR-1221-1	0.000	4.031	0	87209	N.D.	7.080	#
9)	L2 AR-1221-2	4.827	4.134	625831	659203	45.706	68.076	#
10)	L2 AR-1221-3	0.000	4.252	0	12784	N.D.	0.438	#
11)	L3 AR-1232-1	4.827f	4.180f	625831	95516	18.797	4.068	#
12)	L3 AR-1232-2	5.380f	4.949	417024	27156	25.519	1.152	#
13)	L3 AR-1232-3	0.000	5.125	0	580232	N.D.	44.815	#
14)	L3 AR-1232-4	0.000	5.204	0	449127	N.D.	40.512	#
15)	L3 AR-1232-5	0.000	5.389	0	937948	N.D.	76.816	#
16)	L4 AR-1242-1	0.000	4.939	0	32258	N.D.	1.119	#
17)	L4 AR-1242-2	0.000	4.949	0	27156	N.D.	0.689	#
18)	L4 AR-1242-3	0.000	5.125	0	580232	N.D.	25.783	#
19)	L4 AR-1242-4	0.000	5.204	0	449127	N.D.	20.810	#
20)	L4 AR-1242-5	6.583	5.751	719009	692140	22.066	24.059	
21)	L5 AR-1248-1	0.000	4.939	0	32258	N.D.	1.466	#
22)	L5 AR-1248-2	0.000	5.170	0	474654	N.D.	15.788	#
23)	L5 AR-1248-3	0.000	5.204	0	449127	N.D.	14.495	#
24)	L5 AR-1248-4	6.550	5.389	1413608	937948	25.645	25.389	
25)	L5 AR-1248-5	6.583	5.799	719009	1878459	13.469	50.240	#
26)	L6 AR-1254-1	6.533	5.751	1613401	692140	27.883	12.572	#
27)	L6 AR-1254-2	6.742	5.875	1333071	1947382	16.613	40.261	#
28)	L6 AR-1254-3	7.103	6.278	4043475	2638409	47.972	34.763	#
29)	L6 AR-1254-4	7.390	6.508	3459308	1160916	50.732	22.652	#
30)	L6 AR-1254-5	0.000	6.927	0	502371	N.D.	7.548	#
31)	L7 AR-1260-1	0.000	6.408	0	1432338	N.D.	29.698	#
32)	L7 AR-1260-2	0.000	6.601	0	457819	N.D.	7.468	#
33)	L7 AR-1260-3	0.000	6.753	0	759145	N.D.	12.620	#
34)	L7 AR-1260-4	8.088f	7.262	1803193	201160	27.331	4.329	#
35)	L7 AR-1260-5	8.392f	7.434f	781304	112509	5.968	1.012	#
36)	L8 AR-1262-1	8.088f	6.994	1803193	155404	22.820	2.188	#
37)	L8 AR-1262-2	8.392f	7.262	781304	201160	5.109	3.299	#
38)	L8 AR-1262-3	0.000	7.763	0	160839	N.D.	3.075	#
39)	L8 AR-1262-4	0.000	7.792f	0	674801	N.D.	7.300	#
41)	L9 AR-1268-1	0.000	7.763	0	160839	N.D.	1.108	#
42)	L9 AR-1268-2	0.000	7.792f	0	674801	N.D.	5.081	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:27
Operator : YP\AJ
Sample : Q1383-17RE
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:01:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.027	0	505890	N.D.	4.448 #
45) L9	AR-1268-5	0.000	8.624	0	254272	N.D.	0.714 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

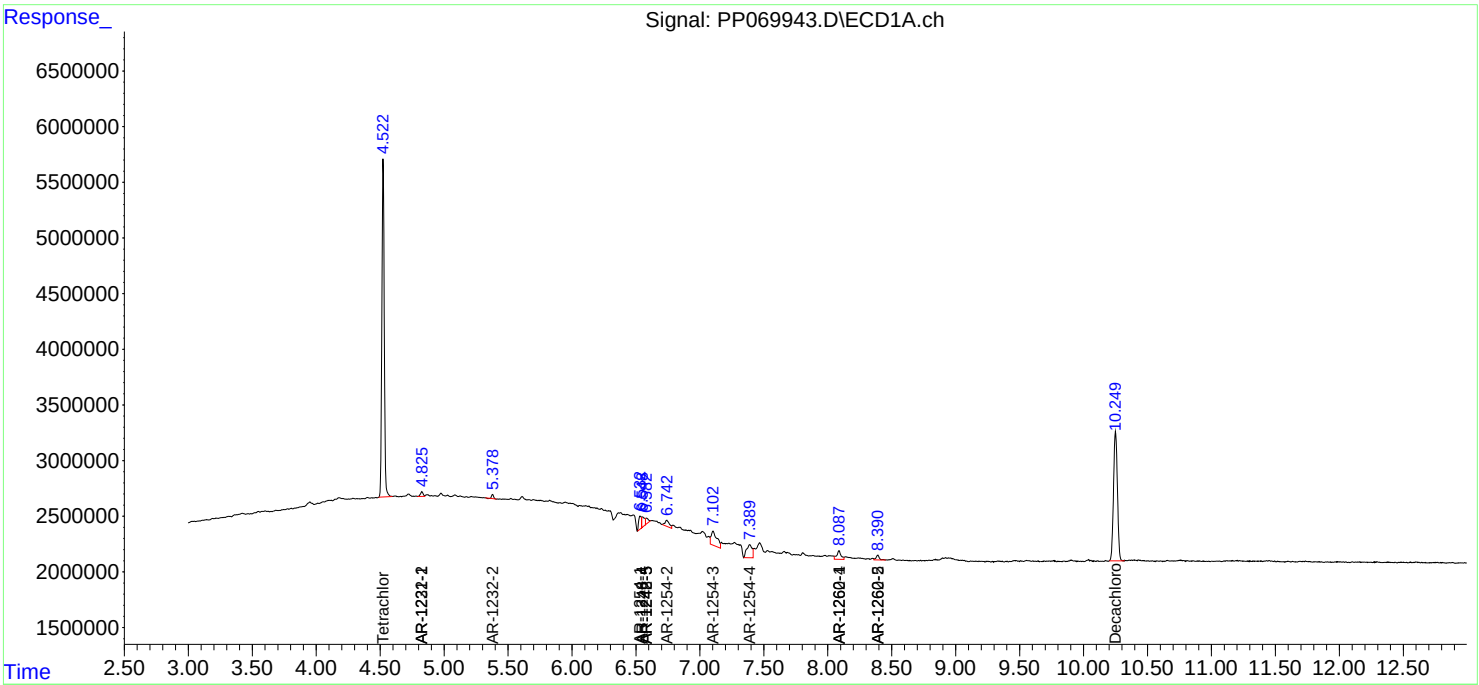
Quantitation Report (Not Reviewed)

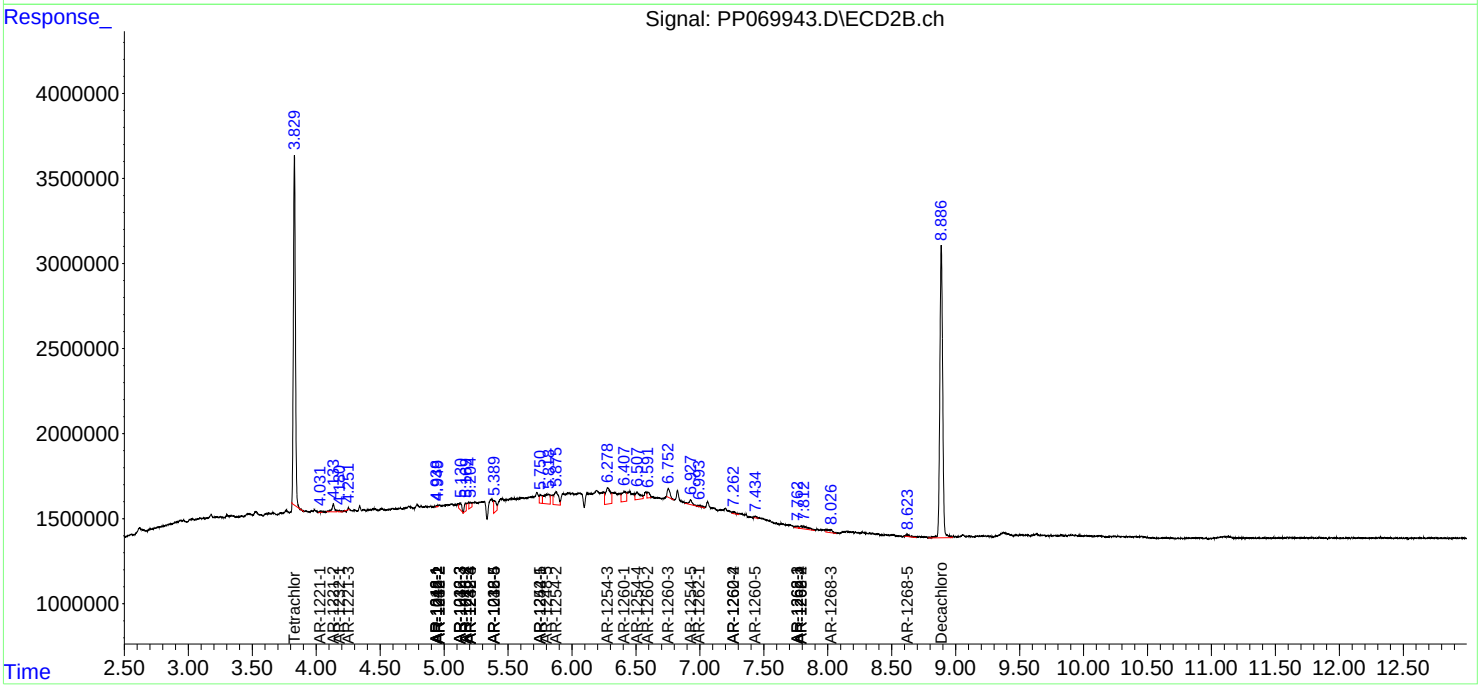
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:27
Operator : YP\AJ
Sample : Q1383-17RE
Misc :
ALS Vial : 33 Sample Multiplier: 1

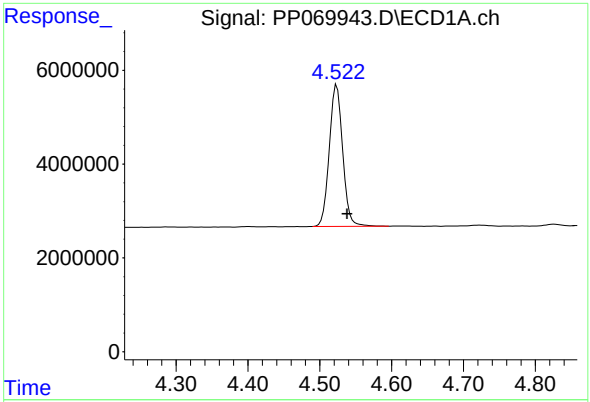
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:01:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



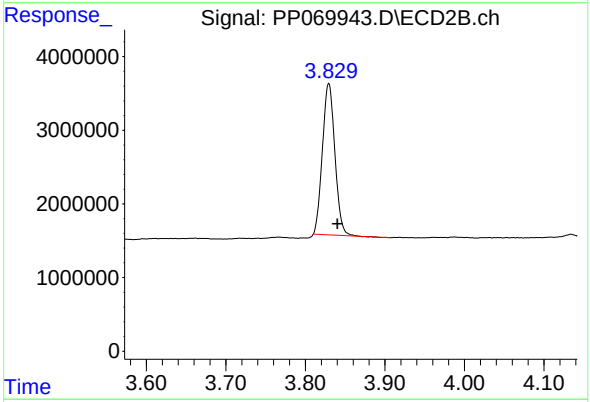




#1 Tetrachloro-m-xylene

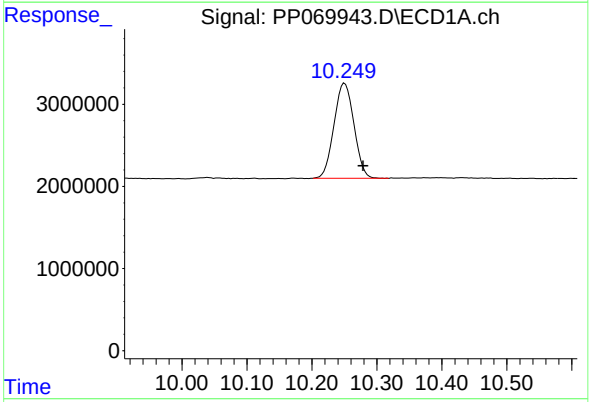
R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 38989572
Conc: 27.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



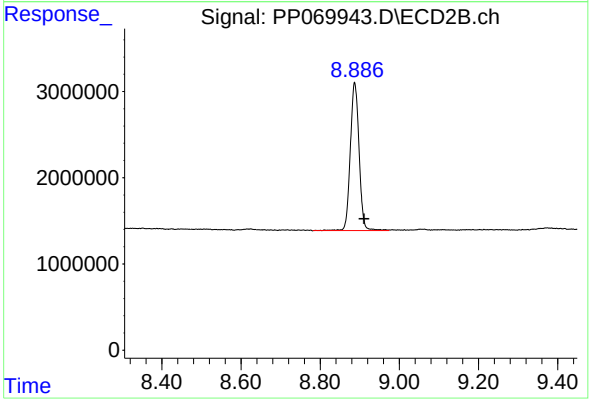
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 22418452
Conc: 25.12 ng/ml



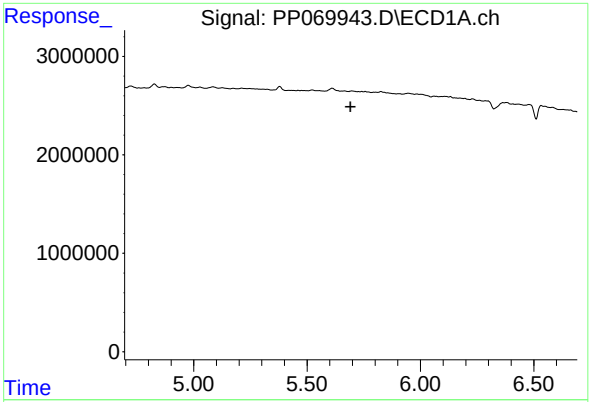
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.028 min
Response: 24703576
Conc: 22.60 ng/ml



#2 Decachlorobiphenyl

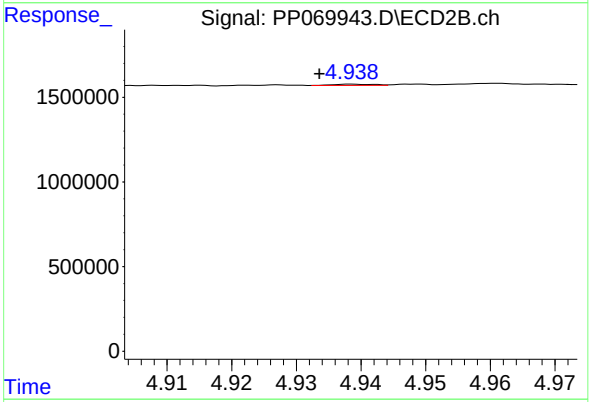
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26455035
Conc: 23.65 ng/ml



#3 AR-1016-1

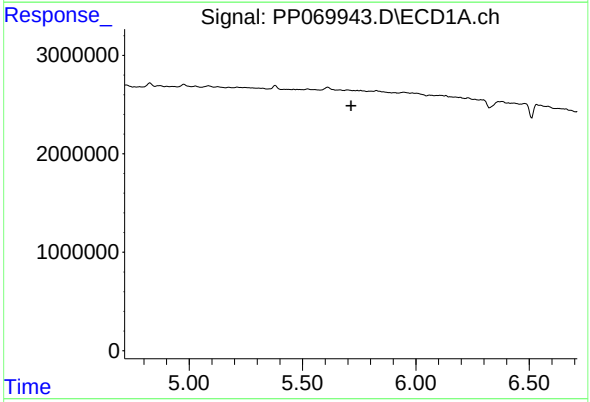
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



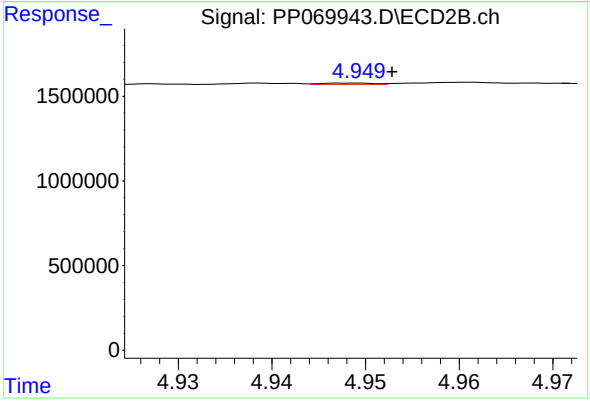
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 32258
Conc: 0.99 ng/ml



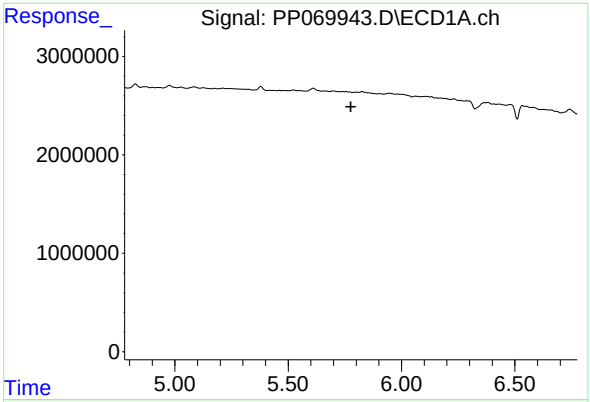
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

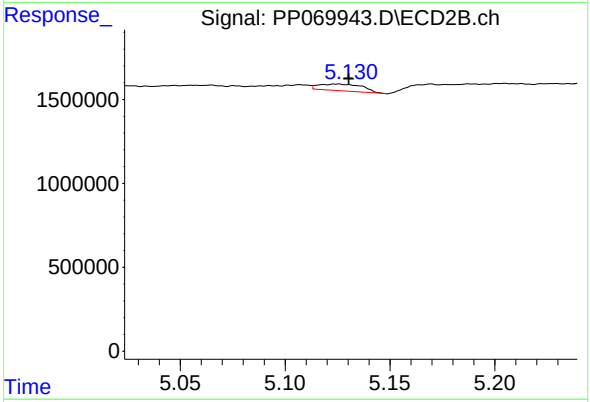
R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 27156
Conc: 0.60 ng/ml



#5 AR-1016-3

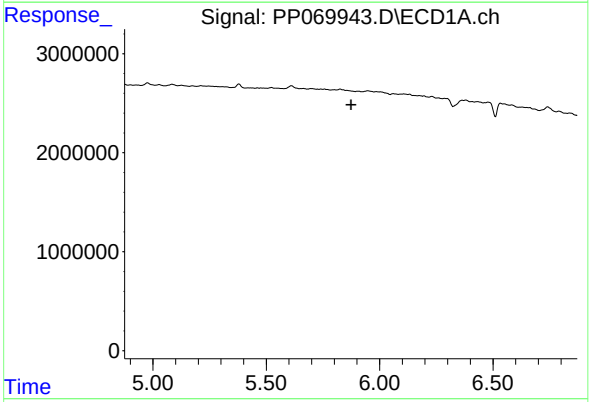
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



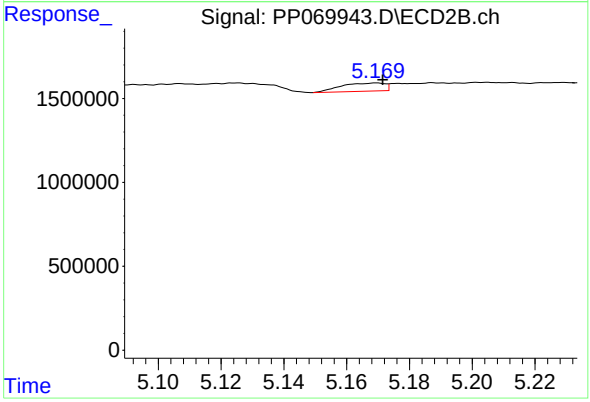
#5 AR-1016-3

R.T.: 5.125 min
Delta R.T.: -0.006 min
Response: 580232
Conc: 23.32 ng/ml



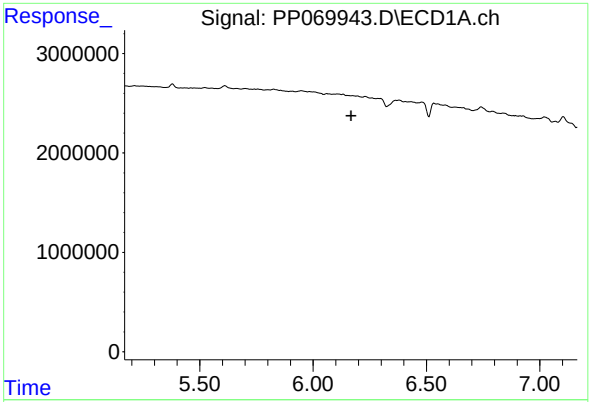
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

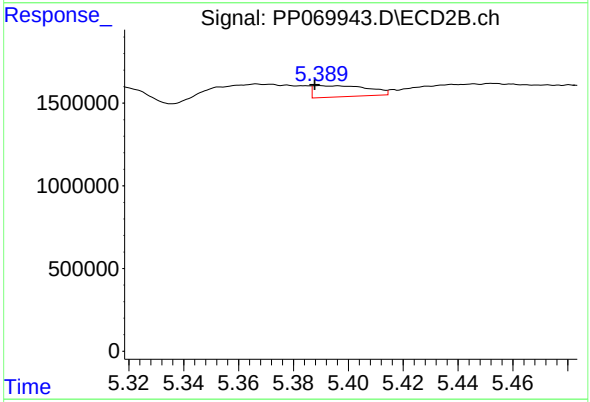
R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 474654
Conc: 23.50 ng/ml



#7 AR-1016-5

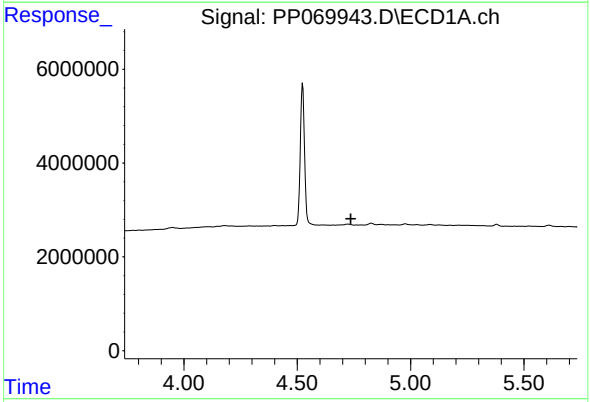
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



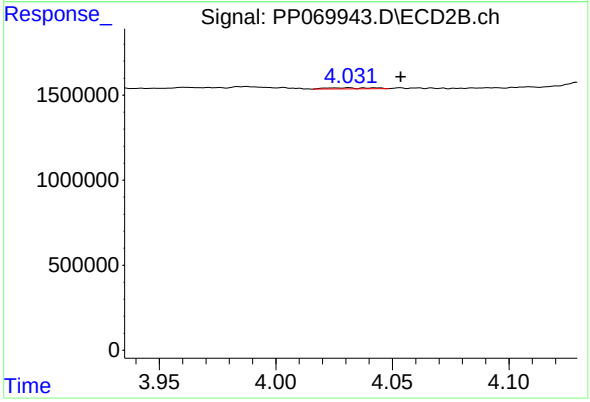
#7 AR-1016-5

R.T.: 5.389 min
Delta R.T.: 0.001 min
Response: 937948
Conc: 34.97 ng/ml



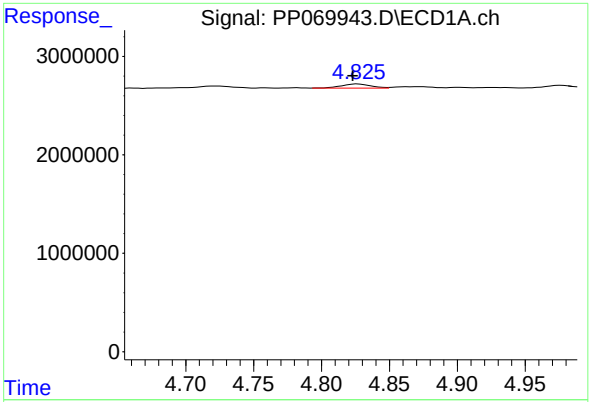
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

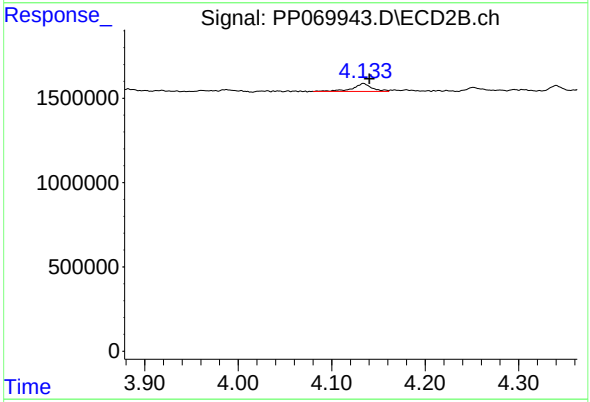
R.T.: 4.031 min
Delta R.T.: -0.022 min
Response: 87209
Conc: 7.08 ng/ml



#9 AR-1221-2

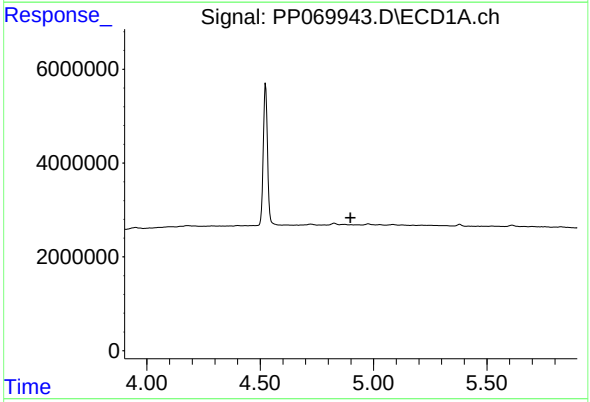
R.T.: 4.827 min
Delta R.T.: 0.004 min
Response: 625831
Conc: 45.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



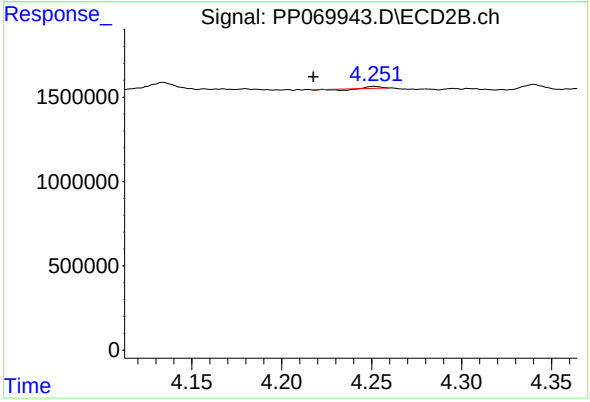
#9 AR-1221-2

R.T.: 4.134 min
Delta R.T.: -0.006 min
Response: 659203
Conc: 68.08 ng/ml



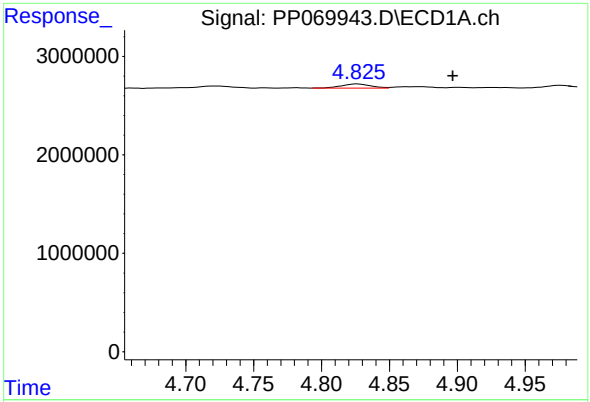
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

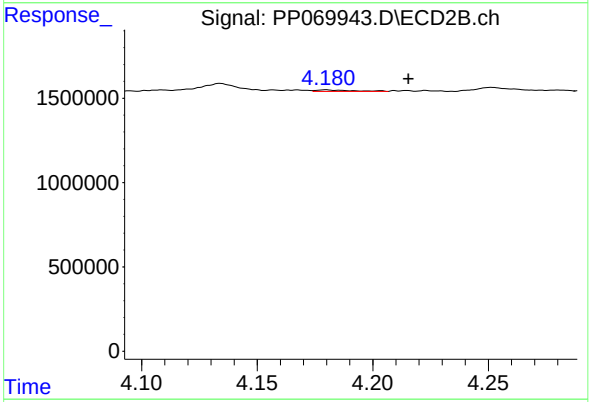
R.T.: 4.252 min
Delta R.T.: 0.034 min
Response: 12784
Conc: 0.44 ng/ml



#11 AR-1232-1

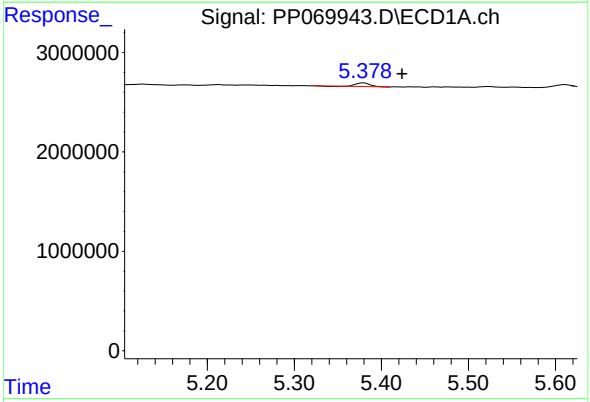
R.T.: 4.827 min
Delta R.T.: -0.070 min
Response: 625831
Conc: 18.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



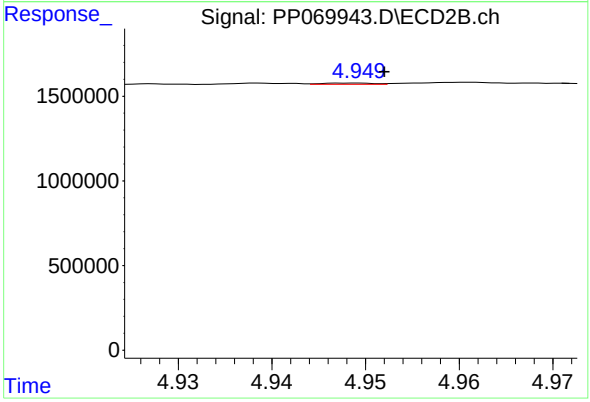
#11 AR-1232-1

R.T.: 4.180 min
Delta R.T.: -0.036 min
Response: 95516
Conc: 4.07 ng/ml



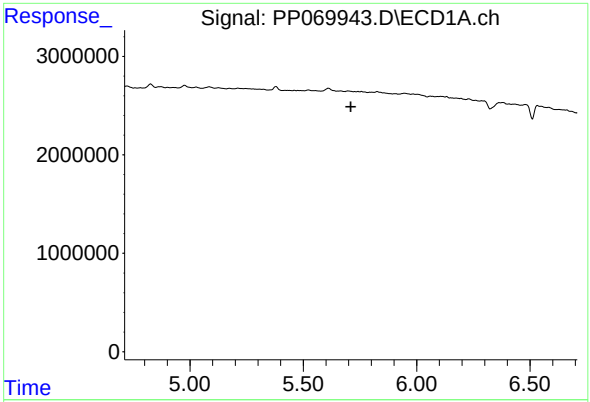
#12 AR-1232-2

R.T.: 5.380 min
Delta R.T.: -0.044 min
Response: 417024
Conc: 25.52 ng/ml



#12 AR-1232-2

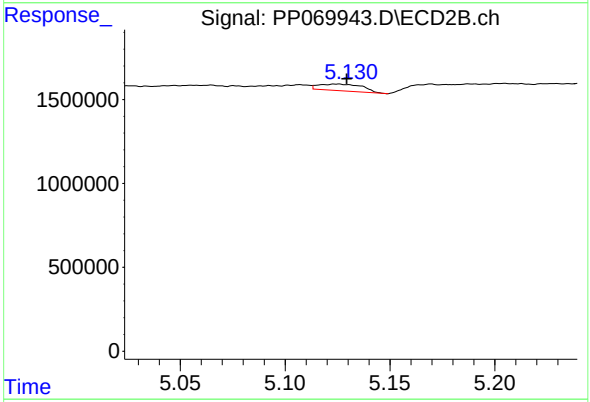
R.T.: 4.949 min
Delta R.T.: -0.003 min
Response: 27156
Conc: 1.15 ng/ml



#13 AR-1232-3

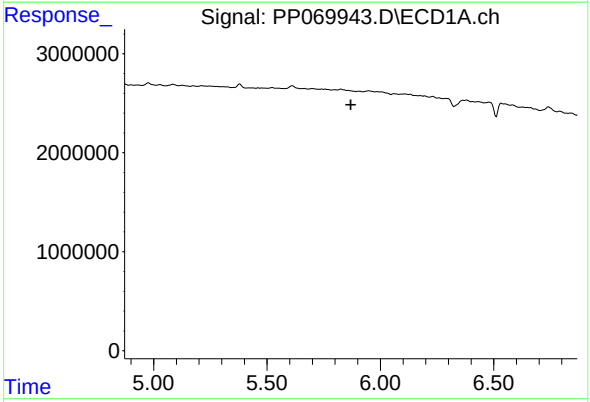
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



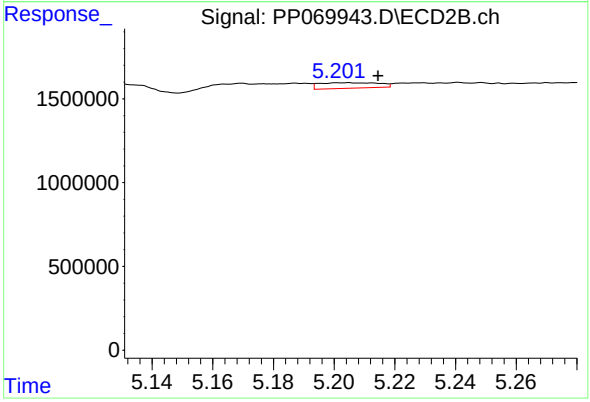
#13 AR-1232-3

R.T.: 5.125 min
Delta R.T.: -0.005 min
Response: 580232
Conc: 44.82 ng/ml



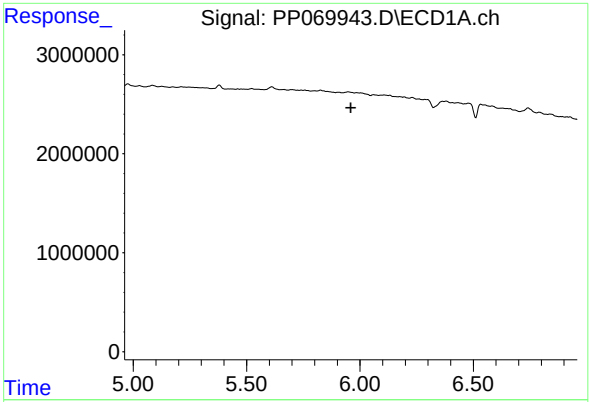
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

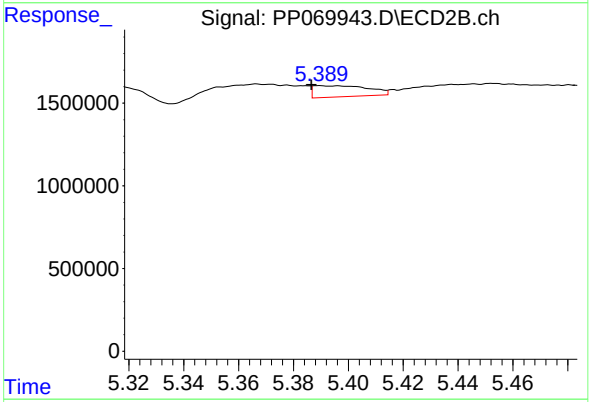
R.T.: 5.204 min
Delta R.T.: -0.010 min
Response: 449127
Conc: 40.51 ng/ml



#15 AR-1232-5

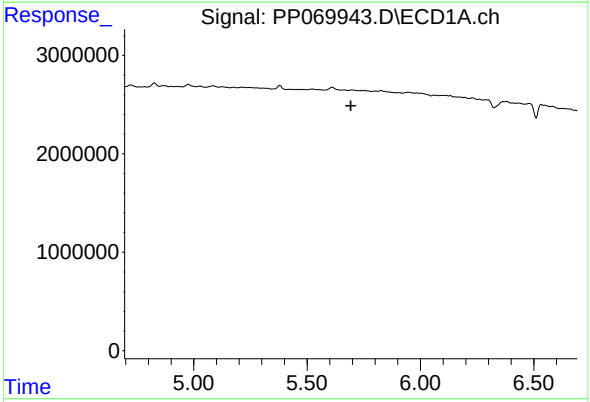
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



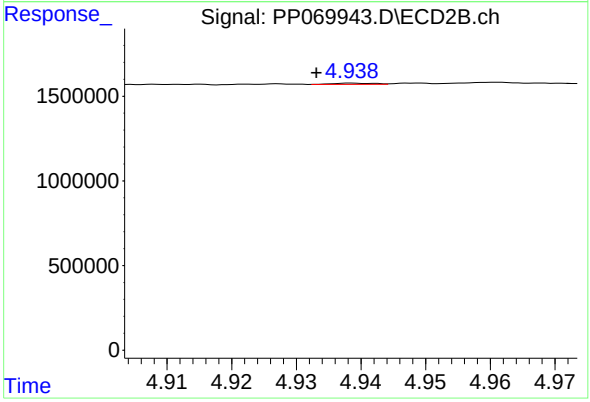
#15 AR-1232-5

R.T.: 5.389 min
Delta R.T.: 0.003 min
Response: 937948
Conc: 76.82 ng/ml



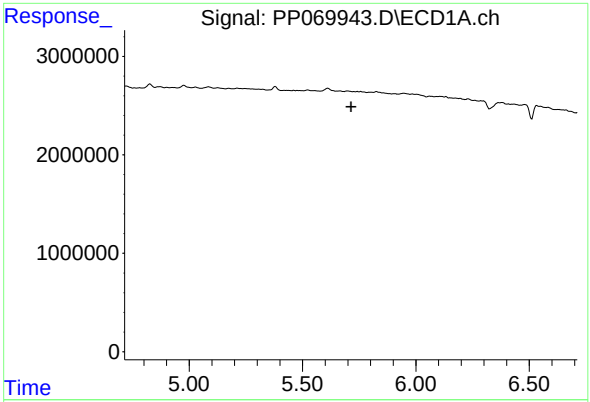
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

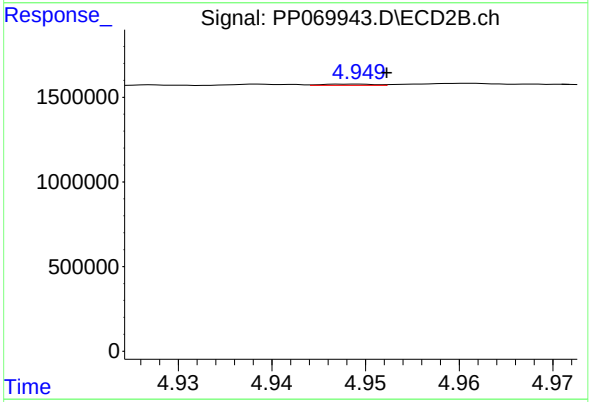
R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 32258
Conc: 1.12 ng/ml



#17 AR-1242-2

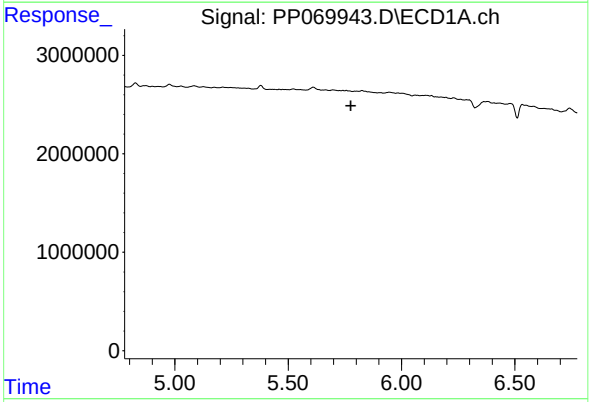
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



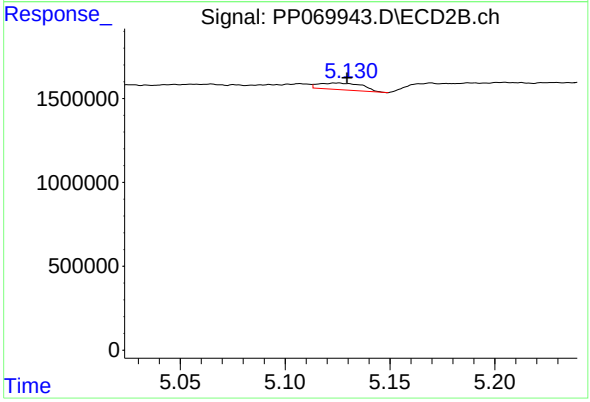
#17 AR-1242-2

R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 27156
Conc: 0.69 ng/ml



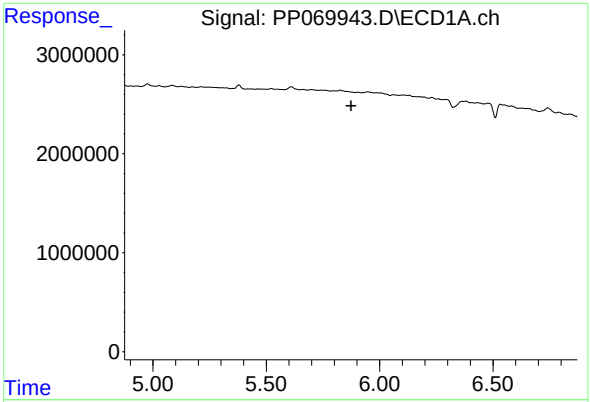
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

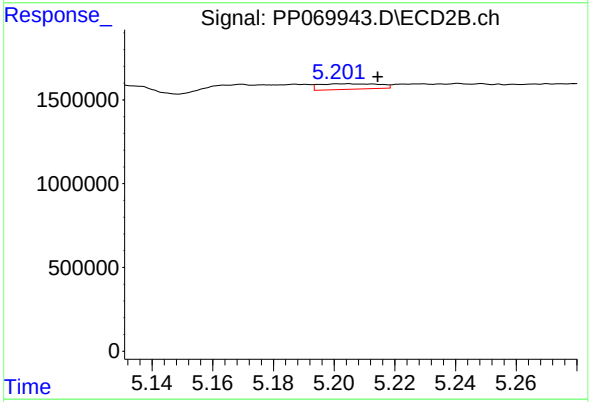
R.T.: 5.125 min
Delta R.T.: -0.005 min
Response: 580232
Conc: 25.78 ng/ml



#19 AR-1242-4

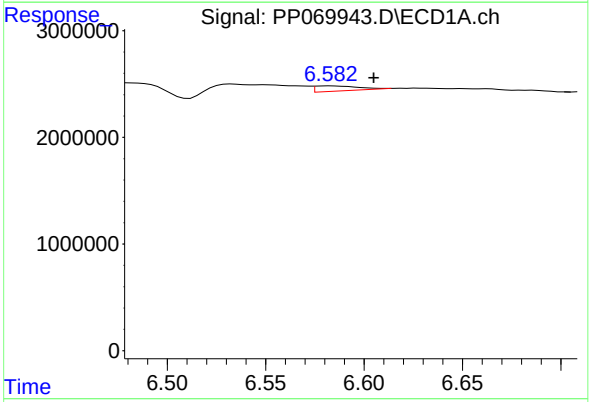
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



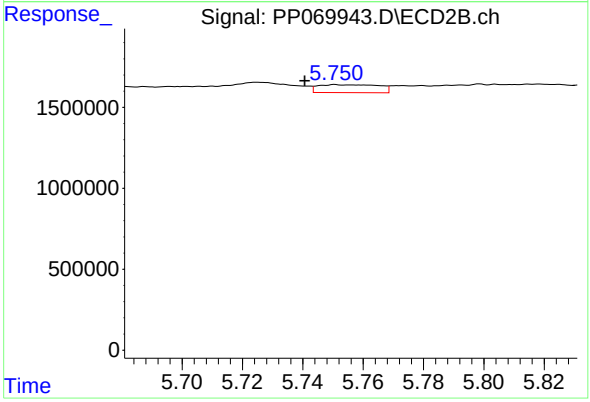
#19 AR-1242-4

R.T.: 5.204 min
Delta R.T.: -0.010 min
Response: 449127
Conc: 20.81 ng/ml



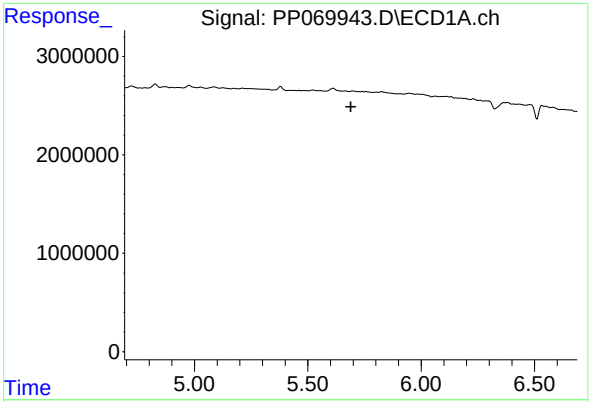
#20 AR-1242-5

R.T.: 6.583 min
Delta R.T.: -0.022 min
Response: 719009
Conc: 22.07 ng/ml



#20 AR-1242-5

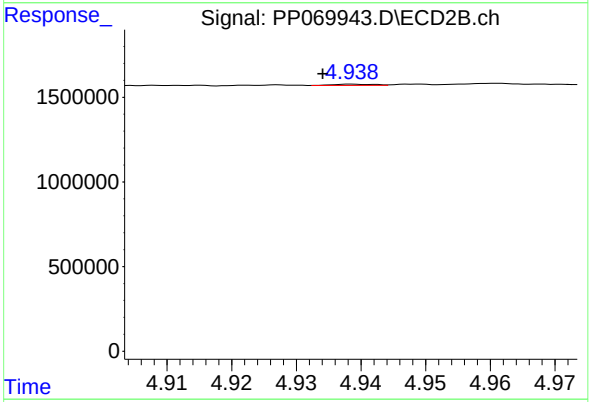
R.T.: 5.751 min
Delta R.T.: 0.010 min
Response: 692140
Conc: 24.06 ng/ml



#21 AR-1248-1

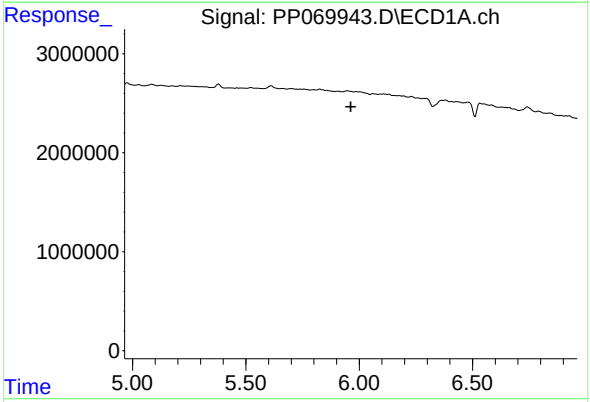
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



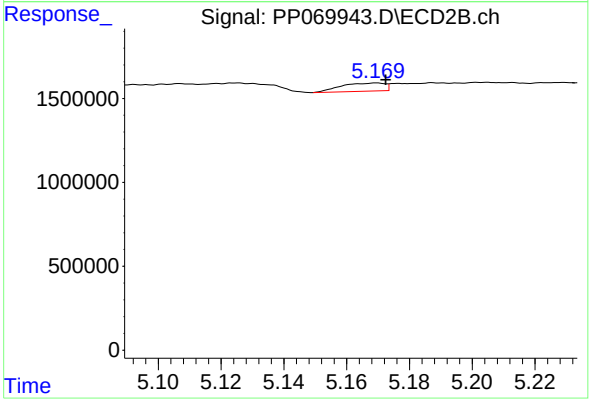
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 32258
Conc: 1.47 ng/ml



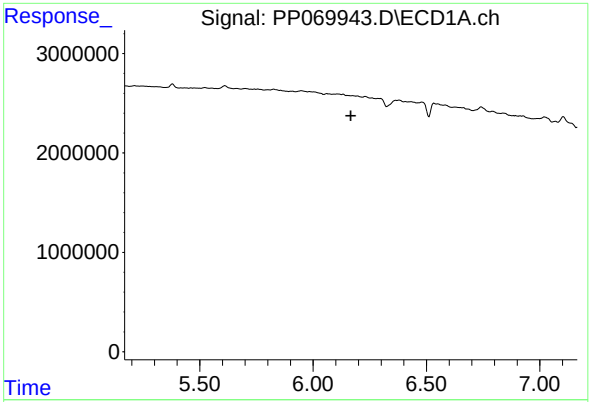
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

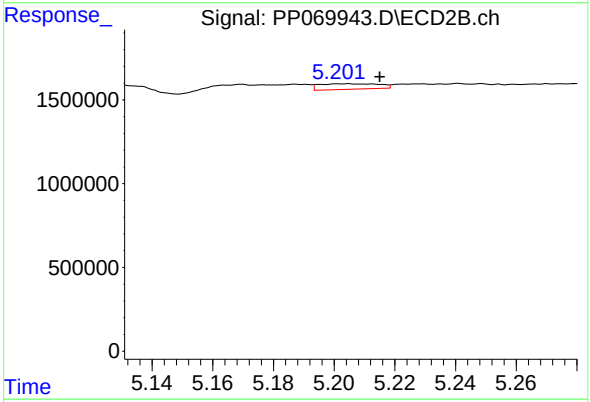
R.T.: 5.170 min
Delta R.T.: -0.003 min
Response: 474654
Conc: 15.79 ng/ml



#23 AR-1248-3

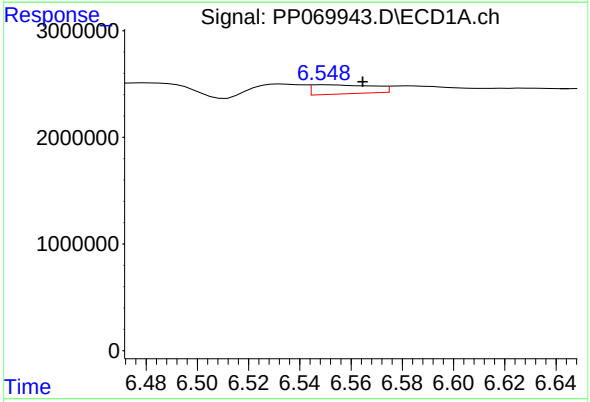
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



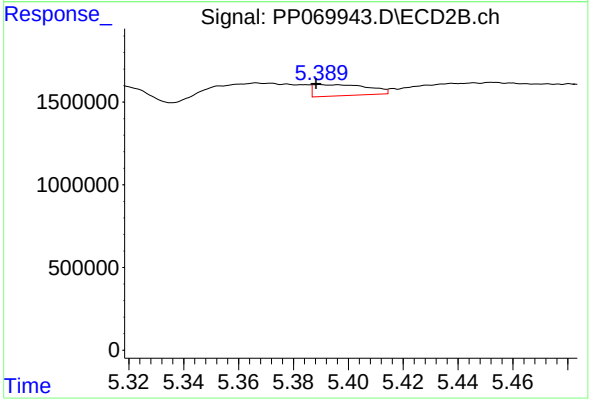
#23 AR-1248-3

R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 449127
Conc: 14.50 ng/ml



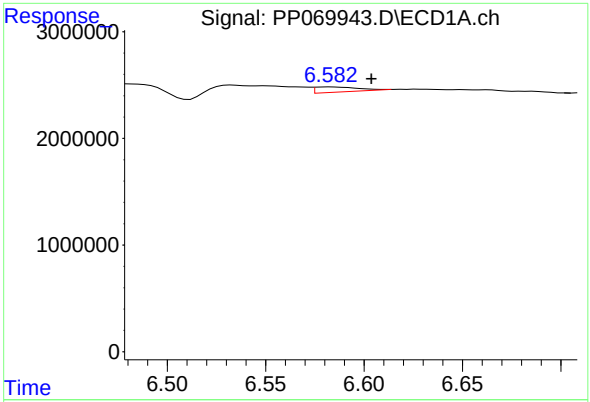
#24 AR-1248-4

R.T.: 6.550 min
Delta R.T.: -0.015 min
Response: 1413608
Conc: 25.65 ng/ml



#24 AR-1248-4

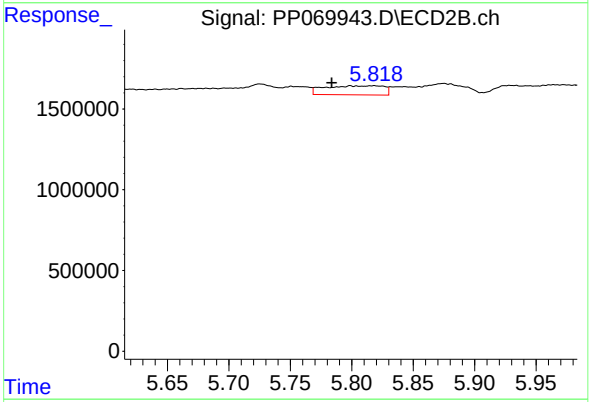
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 937948
Conc: 25.39 ng/ml



#25 AR-1248-5

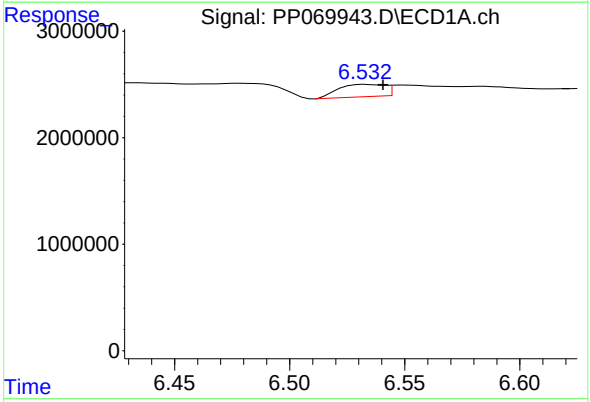
R.T.: 6.583 min
Delta R.T.: -0.020 min
Response: 719009
Conc: 13.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



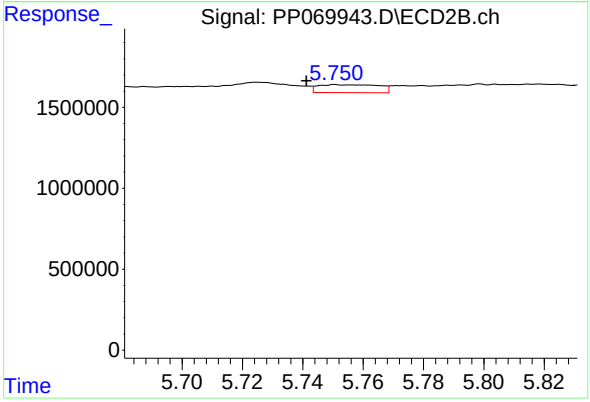
#25 AR-1248-5

R.T.: 5.799 min
Delta R.T.: 0.015 min
Response: 1878459
Conc: 50.24 ng/ml



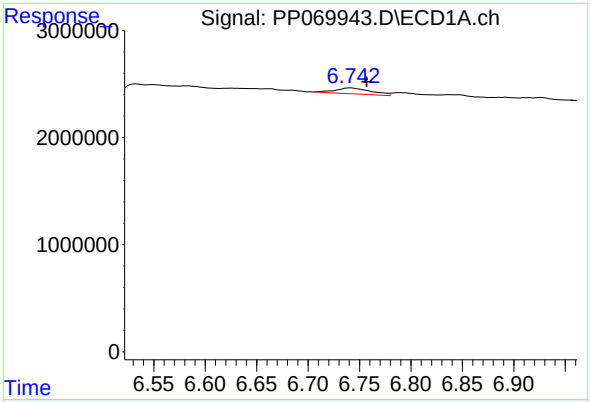
#26 AR-1254-1

R.T.: 6.533 min
Delta R.T.: -0.008 min
Response: 1613401
Conc: 27.88 ng/ml



#26 AR-1254-1

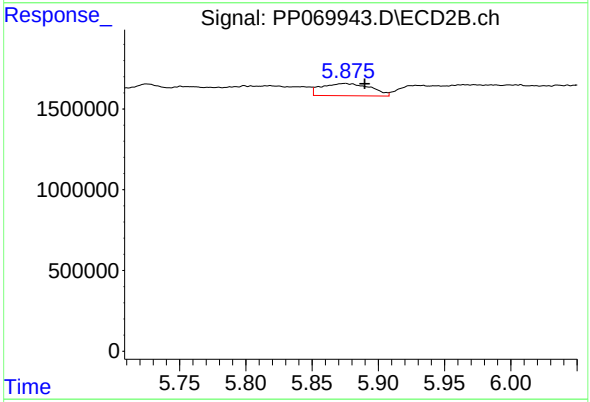
R.T.: 5.751 min
Delta R.T.: 0.010 min
Response: 692140
Conc: 12.57 ng/ml



#27 AR-1254-2

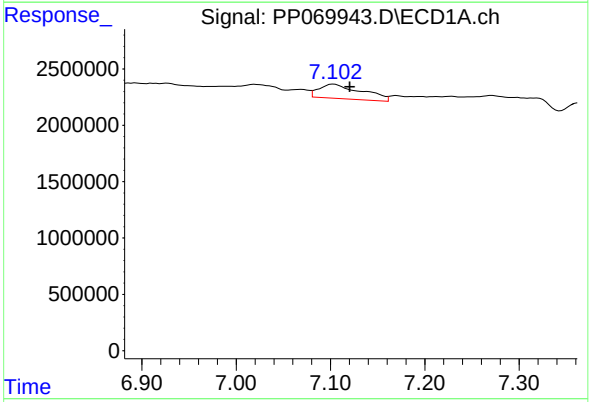
R.T.: 6.742 min
Delta R.T.: -0.016 min
Response: 1333071
Conc: 16.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



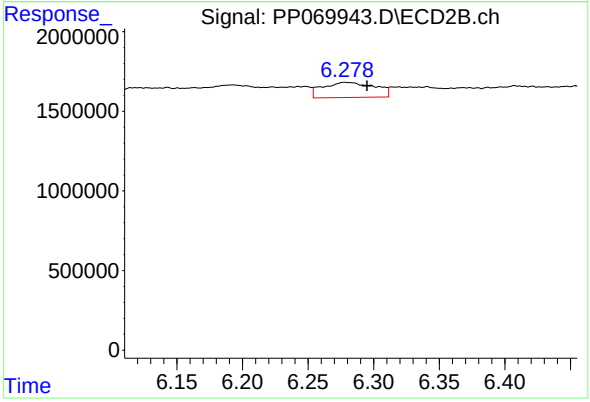
#27 AR-1254-2

R.T.: 5.875 min
Delta R.T.: -0.015 min
Response: 1947382
Conc: 40.26 ng/ml



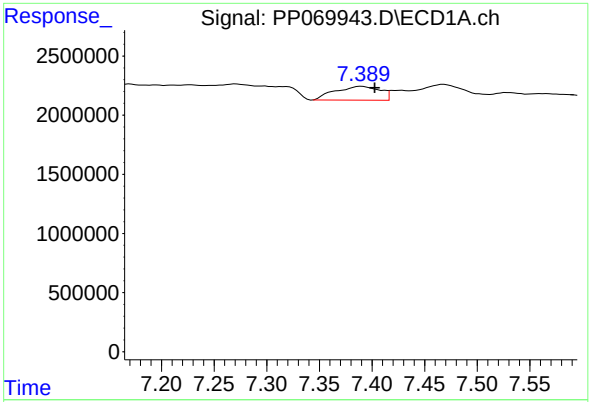
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: -0.017 min
Response: 4043475
Conc: 47.97 ng/ml



#28 AR-1254-3

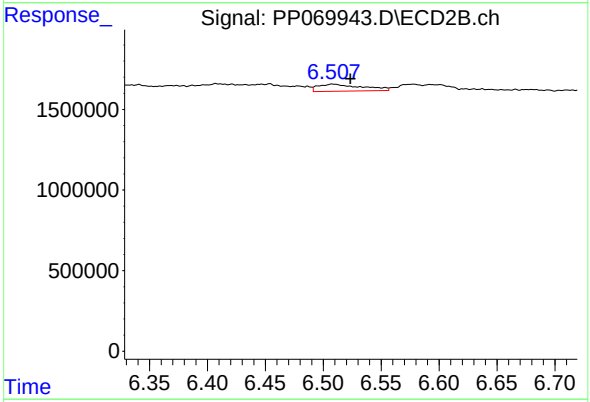
R.T.: 6.278 min
Delta R.T.: -0.017 min
Response: 2638409
Conc: 34.76 ng/ml



#29 AR-1254-4

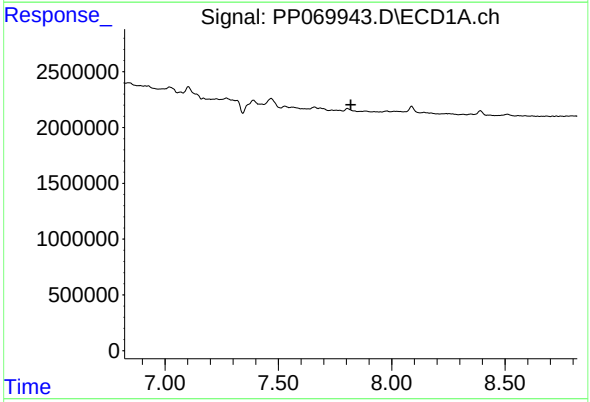
R.T.: 7.390 min
Delta R.T.: -0.012 min
Response: 3459308
Conc: 50.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



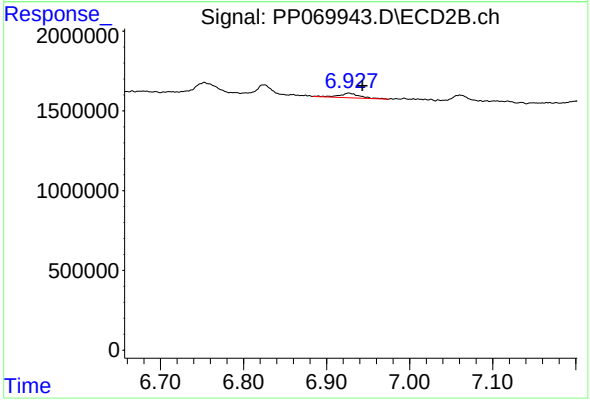
#29 AR-1254-4

R.T.: 6.508 min
Delta R.T.: -0.015 min
Response: 1160916
Conc: 22.65 ng/ml



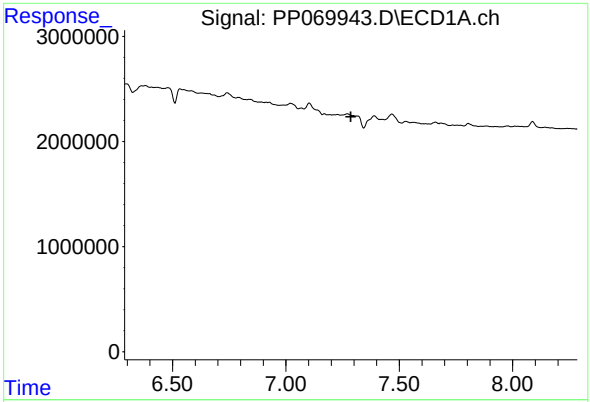
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

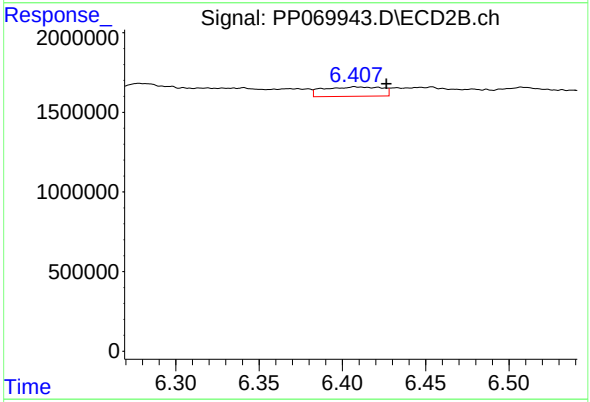
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 502371
Conc: 7.55 ng/ml



#31 AR-1260-1

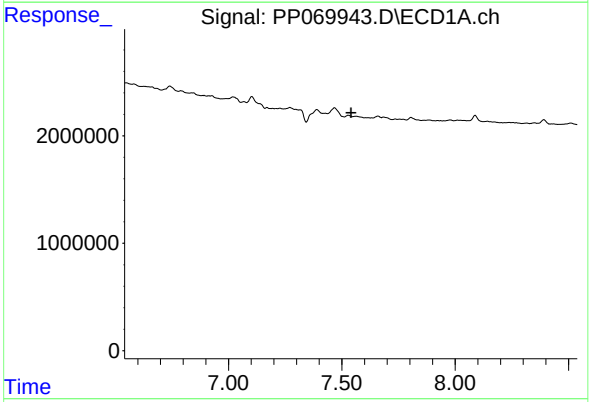
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



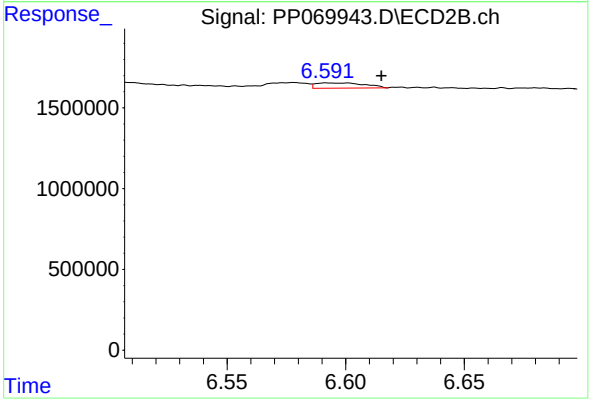
#31 AR-1260-1

R.T.: 6.408 min
Delta R.T.: -0.019 min
Response: 1432338
Conc: 29.70 ng/ml



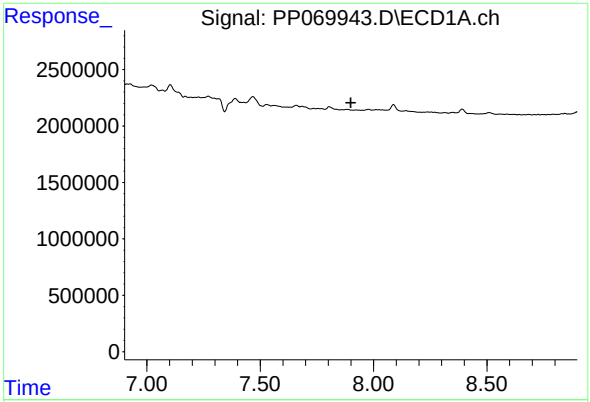
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#32 AR-1260-2

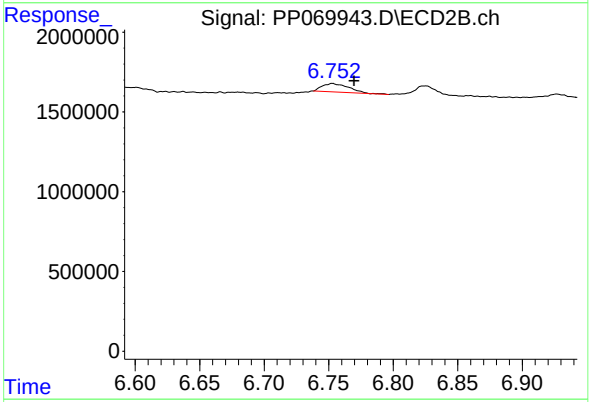
R.T.: 6.601 min
Delta R.T.: -0.014 min
Response: 457819
Conc: 7.47 ng/ml



#33 AR-1260-3

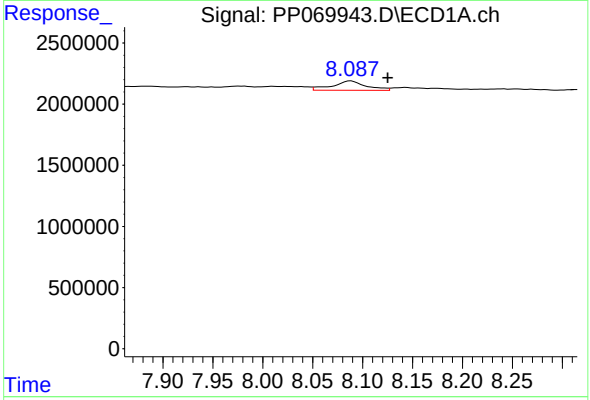
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



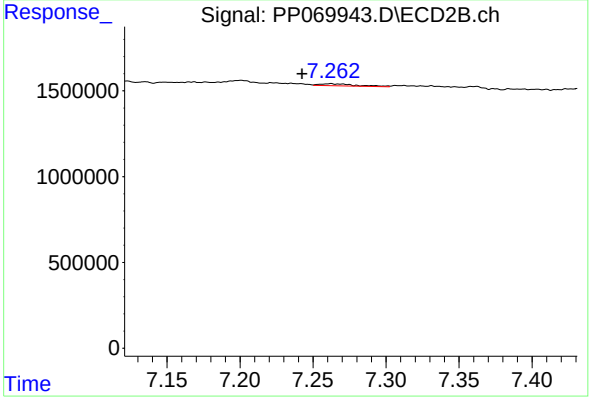
#33 AR-1260-3

R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 759145
Conc: 12.62 ng/ml



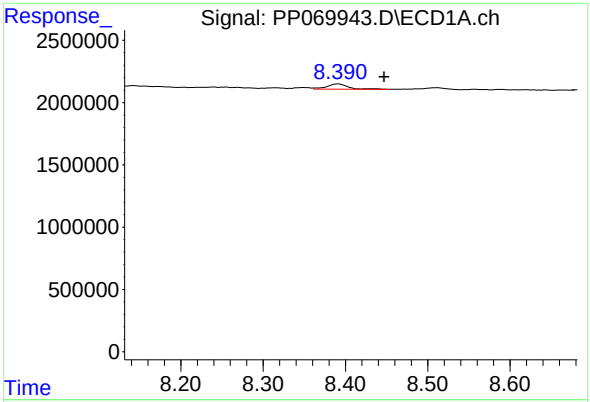
#34 AR-1260-4

R.T.: 8.088 min
Delta R.T.: -0.037 min
Response: 1803193
Conc: 27.33 ng/ml



#34 AR-1260-4

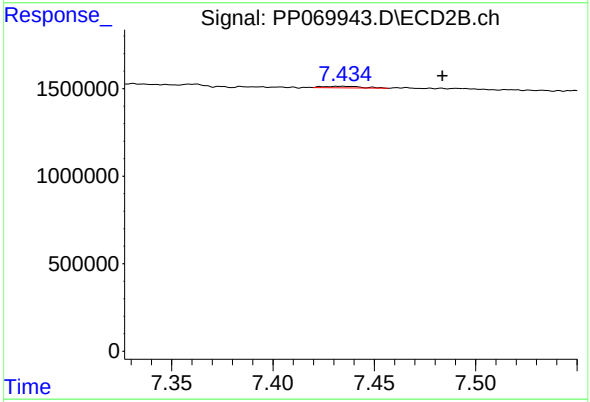
R.T.: 7.262 min
Delta R.T.: 0.020 min
Response: 201160
Conc: 4.33 ng/ml



#35 AR-1260-5

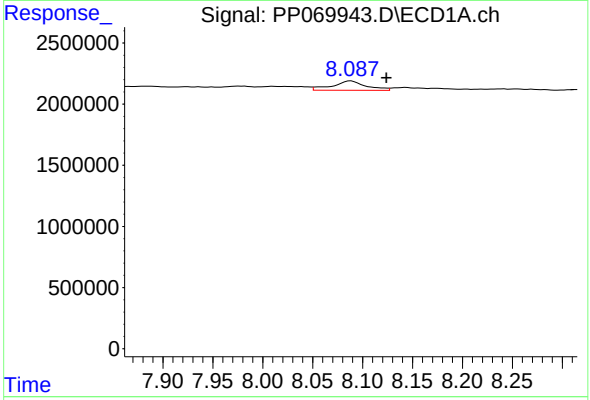
R.T.: 8.392 min
Delta R.T.: -0.055 min
Response: 781304
Conc: 5.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



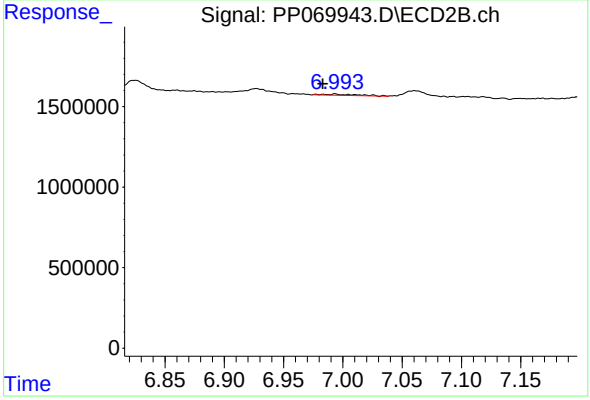
#35 AR-1260-5

R.T.: 7.434 min
Delta R.T.: -0.050 min
Response: 112509
Conc: 1.01 ng/ml



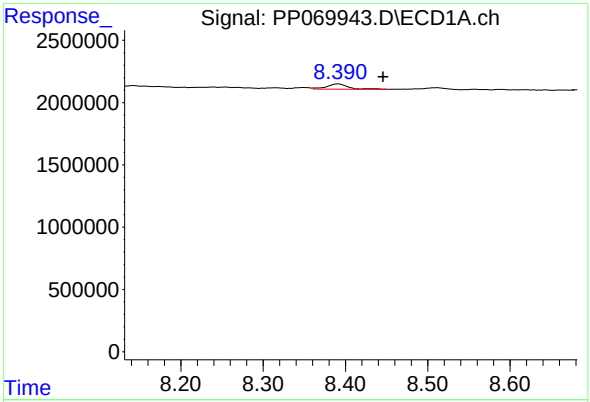
#36 AR-1262-1

R.T.: 8.088 min
Delta R.T.: -0.036 min
Response: 1803193
Conc: 22.82 ng/ml



#36 AR-1262-1

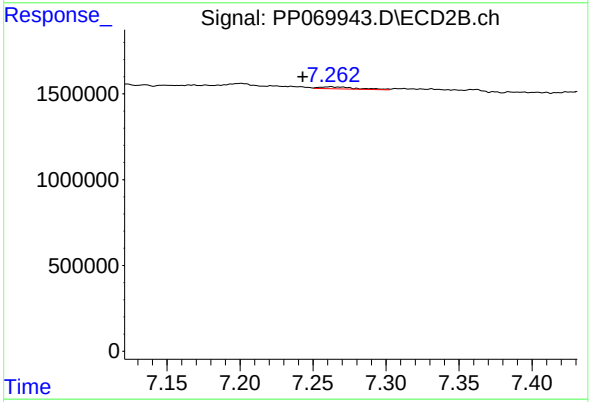
R.T.: 6.994 min
Delta R.T.: 0.010 min
Response: 155404
Conc: 2.19 ng/ml



#37 AR-1262-2

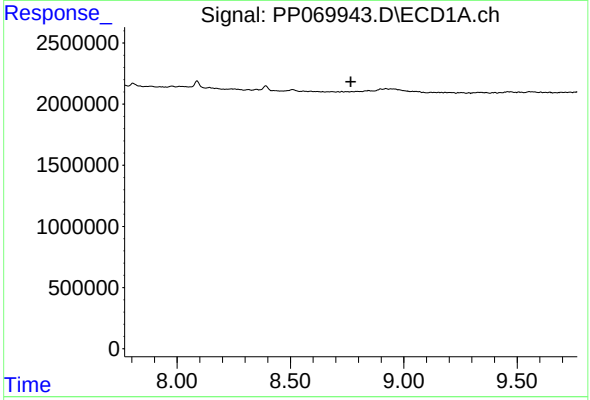
R.T.: 8.392 min
Delta R.T.: -0.054 min
Response: 781304
Conc: 5.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



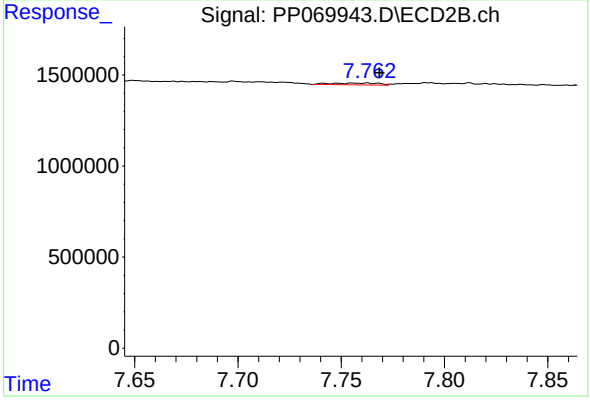
#37 AR-1262-2

R.T.: 7.262 min
Delta R.T.: 0.019 min
Response: 201160
Conc: 3.30 ng/ml



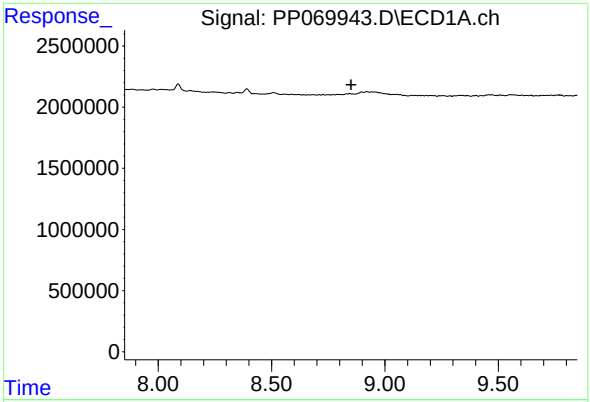
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

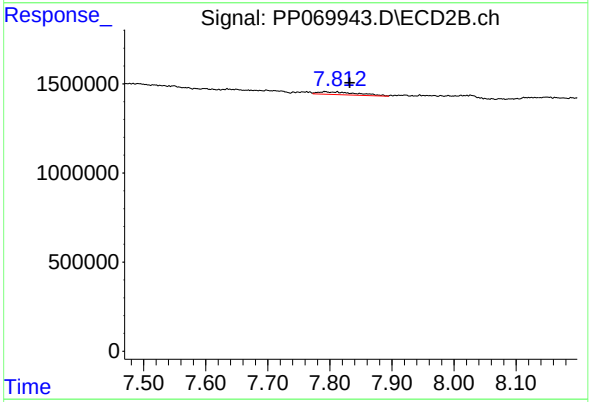
R.T.: 7.763 min
Delta R.T.: -0.006 min
Response: 160839
Conc: 3.08 ng/ml



#39 AR-1262-4

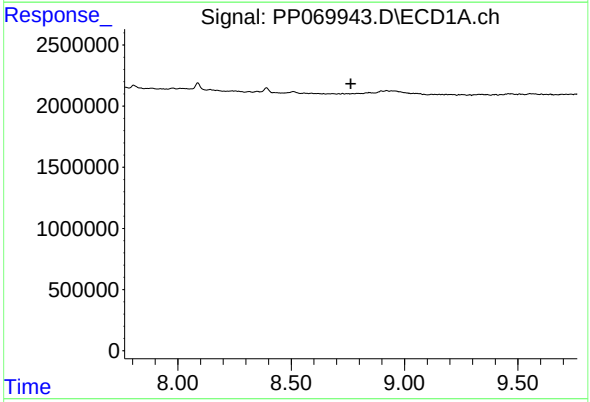
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



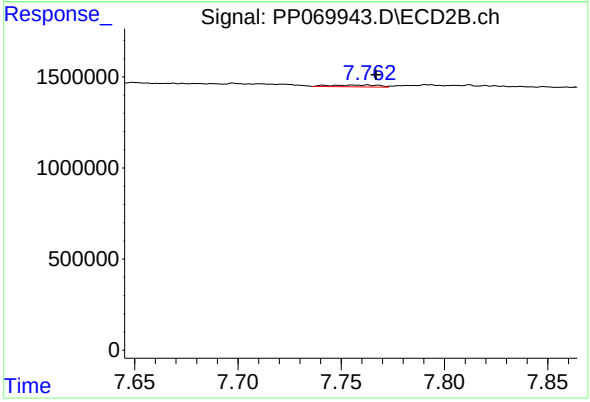
#39 AR-1262-4

R.T.: 7.792 min
Delta R.T.: -0.040 min
Response: 674801
Conc: 7.30 ng/ml



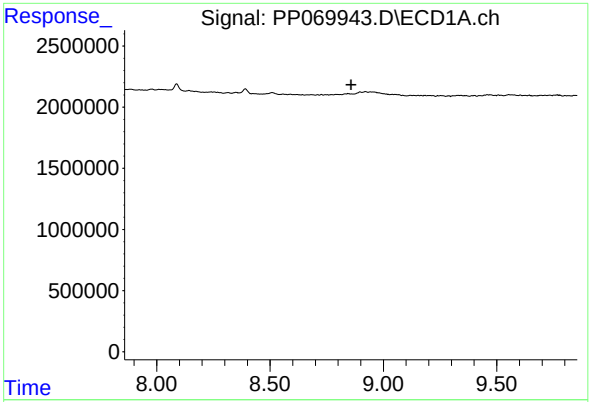
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

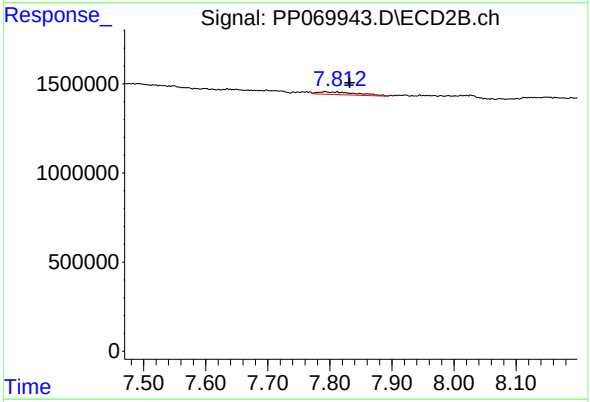
R.T.: 7.763 min
Delta R.T.: -0.004 min
Response: 160839
Conc: 1.11 ng/ml



#42 AR-1268-2

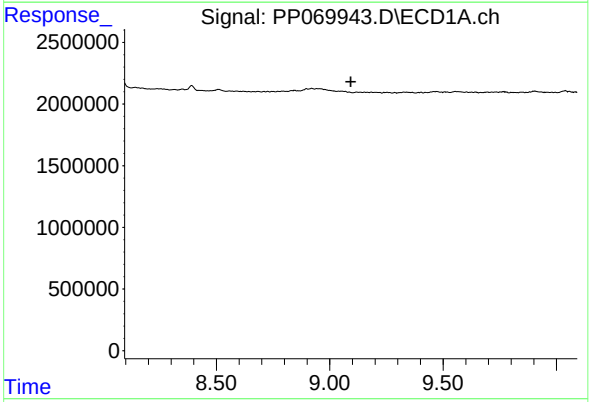
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



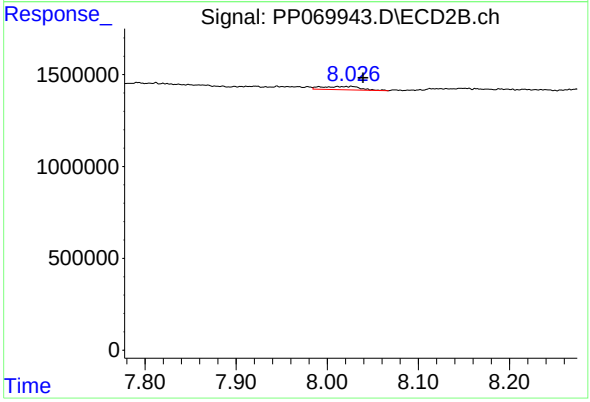
#42 AR-1268-2

R.T.: 7.792 min
Delta R.T.: -0.040 min
Response: 674801
Conc: 5.08 ng/ml



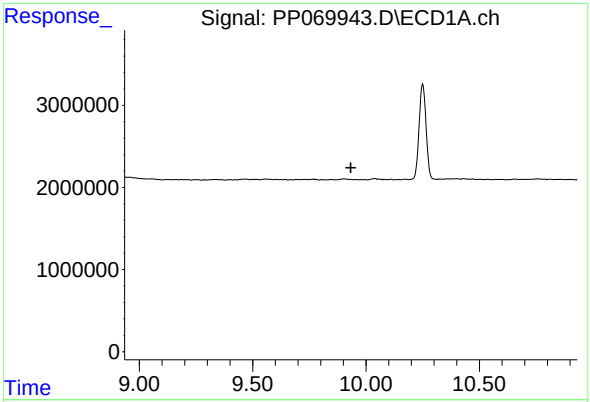
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#43 AR-1268-3

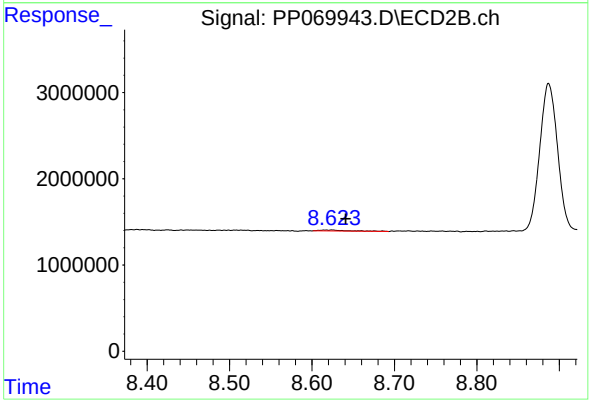
R.T.: 8.027 min
Delta R.T.: -0.013 min
Response: 505890
Conc: 4.45 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-19-021725RE



#45 AR-1268-5

R.T.: 8.624 min
Delta R.T.: -0.017 min
Response: 254272
Conc: 0.71 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:43
Operator : YP\AJ
Sample : Q1383-21RE
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:01:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.829	39546178	21878280	27.626	24.512	
2)	SA Decachlor...	10.254	8.887	26071827	26683299	23.856	23.857	
	Target Compounds							
4)	L1 AR-1016-2	0.000	4.956	0	39658	N.D.	0.882	#
5)	L1 AR-1016-3	0.000	5.171f	0	1288915	N.D.	51.797	#
6)	L1 AR-1016-4	0.000	5.171	0	1288915	N.D.	63.819	#
7)	L1 AR-1016-5	0.000	5.373	0	4657526	N.D.	173.633	#
8)	L2 AR-1221-1	4.726	4.051	610008	141183	32.073	11.461	#
9)	L2 AR-1221-2	4.829	4.131	602276	705994	43.986	72.908	#
10)	L2 AR-1221-3	4.829f	4.254f	602276	68214	14.359	2.338	#
11)	L3 AR-1232-1	4.829f	4.177f	602276	52718	18.090	2.245	#
12)	L3 AR-1232-2	5.380f	4.956	539841	39658	33.034	1.682	#
13)	L3 AR-1232-3	0.000	5.171f	0	1288915	N.D.	99.551	#
14)	L3 AR-1232-4	0.000	5.233	0	727531	N.D.	65.624	#
15)	L3 AR-1232-5	0.000	5.373	0	4657526	N.D.	381.442	#
17)	L4 AR-1242-2	0.000	4.956	0	39658	N.D.	1.007	#
18)	L4 AR-1242-3	0.000	5.171f	0	1288915	N.D.	57.275	#
19)	L4 AR-1242-4	0.000	5.233	0	727531	N.D.	33.710	#
20)	L4 AR-1242-5	6.590	5.749	5375831	1045080	164.982	36.327	#
22)	L5 AR-1248-2	0.000	5.171	0	1288915	N.D.	42.872	#
23)	L5 AR-1248-3	0.000	5.233	0	727531	N.D.	23.481	#
24)	L5 AR-1248-4	6.553	5.373	3697531	4657526	67.080	126.071	#
25)	L5 AR-1248-5	6.590	5.768	5375831	600663	100.702	16.065	#
26)	L6 AR-1254-1	6.533	5.749	3302808	1045080	57.079	18.982	#
27)	L6 AR-1254-2	6.745	5.873	8332429	3356604	103.841	69.396	#
28)	L6 AR-1254-3	7.106	6.280	9521591	3739792	112.964	49.275	#
29)	L6 AR-1254-4	7.392	6.504	6167669	926899	90.451	18.086	#
30)	L6 AR-1254-5	7.809	6.926	1321639	506508	19.423	7.610	#
31)	L7 AR-1260-1	7.272	6.408	7183861	2071927	122.935	42.960	#
32)	L7 AR-1260-2	7.528	6.577f	2772670	1035589	35.633	16.893	#
33)	L7 AR-1260-3	0.000	6.753	0	789096	N.D.	13.117	#
34)	L7 AR-1260-4	8.092	7.270	1166393	404726	17.679	8.710	#
35)	L7 AR-1260-5	8.394f	7.430f	592091	311605	4.522	2.804	#
36)	L8 AR-1262-1	8.092	6.926f	1166393	506508	14.761	7.133	#
37)	L8 AR-1262-2	8.394f	7.270	592091	404726	3.872	6.637	#
38)	L8 AR-1262-3	0.000	7.753	0	106216	N.D.	2.031	#
40)	L8 AR-1262-5	0.000	8.345	0	82193	N.D.	1.720	#
41)	L9 AR-1268-1	0.000	7.753	0	106216	N.D.	0.732	#
43)	L9 AR-1268-3	0.000	8.014	0	201183	N.D.	1.769	#
44)	L9 AR-1268-4	0.000	8.345	0	82193	N.D.	1.578	#
45)	L9 AR-1268-5	0.000	8.617	0	15041	N.D.	0.042	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:43
Operator : YP\AJ
Sample : Q1383-21RE
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:01:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

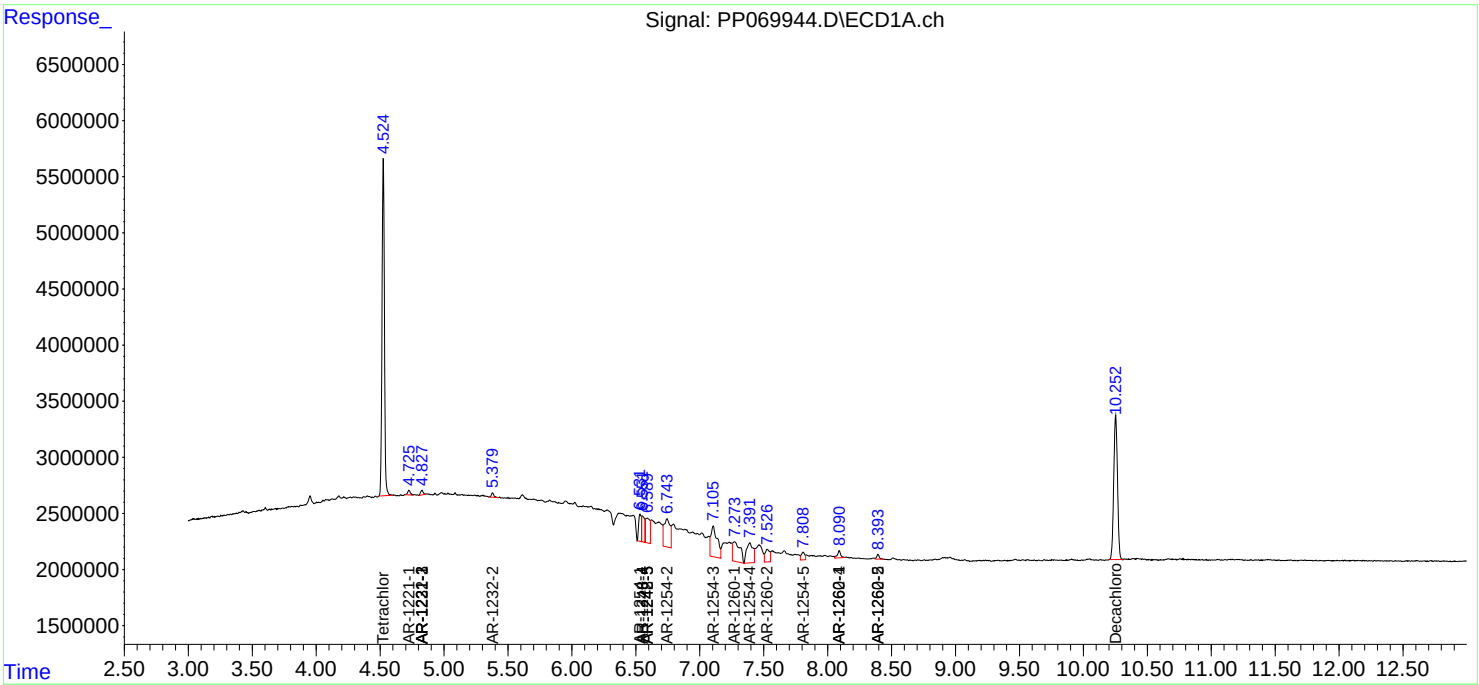
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

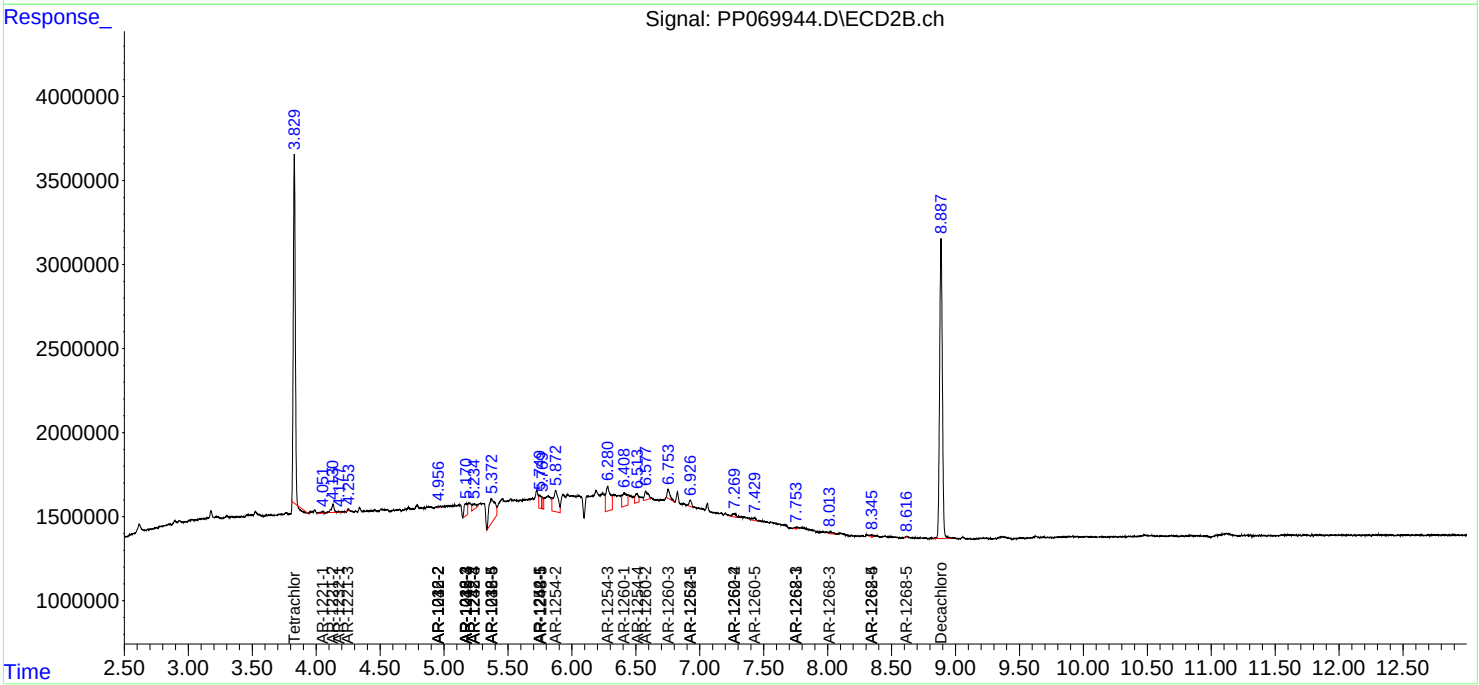
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 00:43
Operator : YP\AJ
Sample : Q1383-21RE
Misc :
ALS Vial : 34 Sample Multiplier: 1

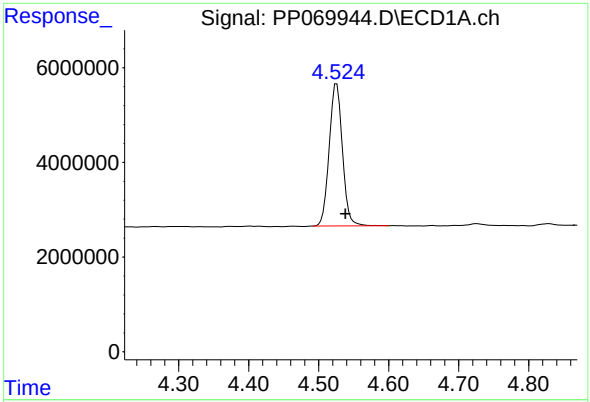
Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:01:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



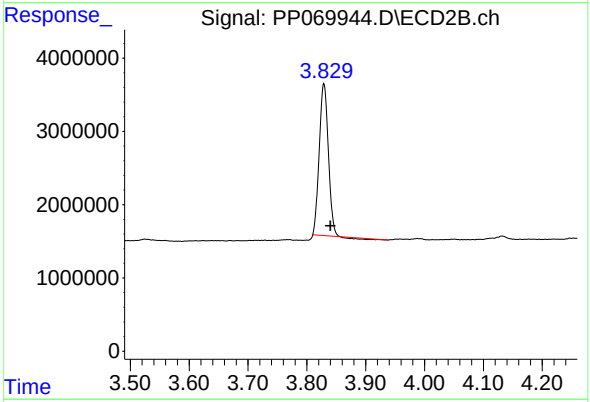




#1 Tetrachloro-m-xylene

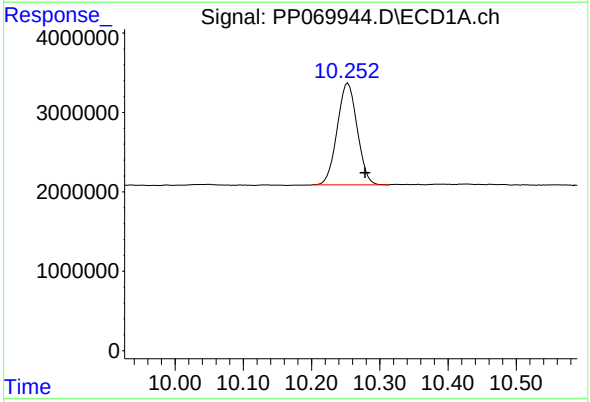
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 39546178
Conc: 27.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



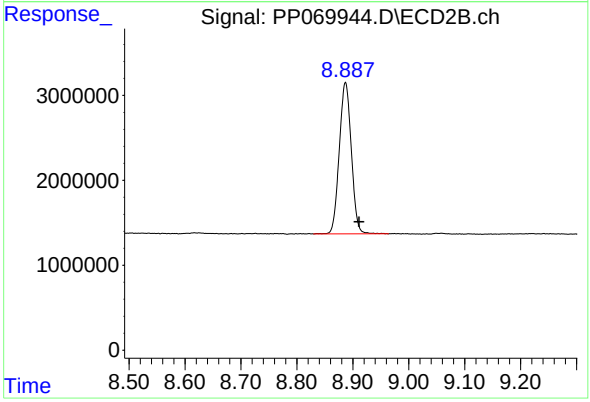
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 21878280
Conc: 24.51 ng/ml



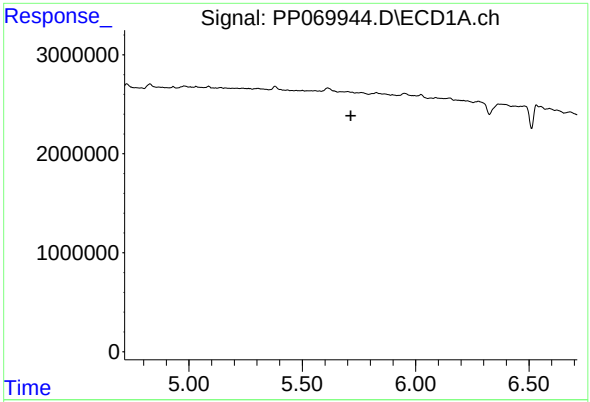
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.025 min
Response: 26071827
Conc: 23.86 ng/ml



#2 Decachlorobiphenyl

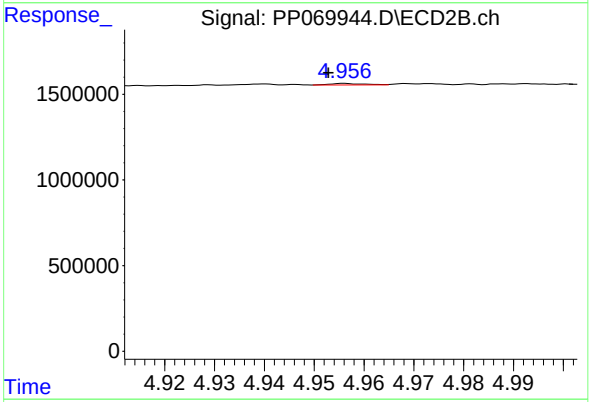
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26683299
Conc: 23.86 ng/ml



#4 AR-1016-2

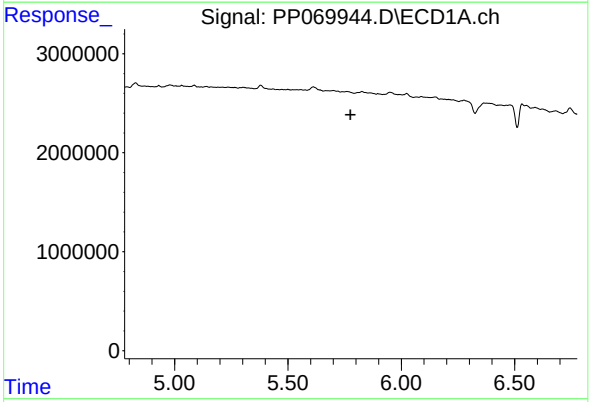
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



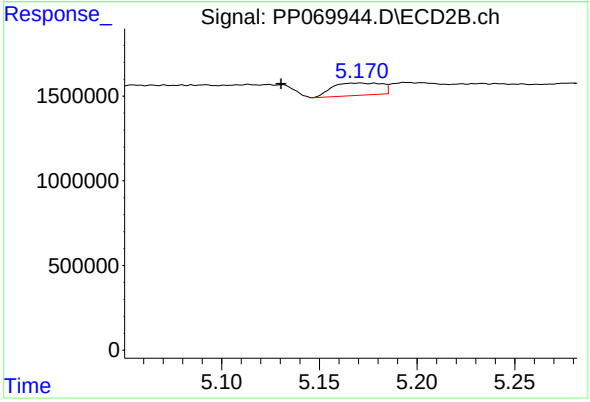
#4 AR-1016-2

R.T.: 4.956 min
Delta R.T.: 0.003 min
Response: 39658
Conc: 0.88 ng/ml



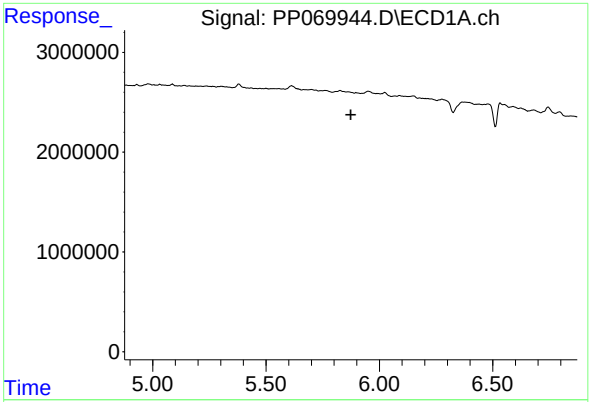
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#5 AR-1016-3

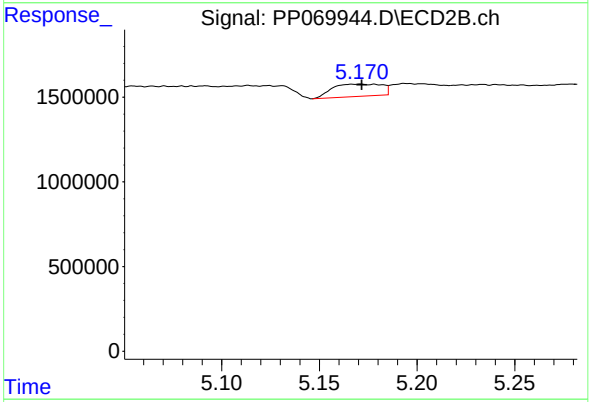
R.T.: 5.171 min
Delta R.T.: 0.041 min
Response: 1288915
Conc: 51.80 ng/ml



#6 AR-1016-4

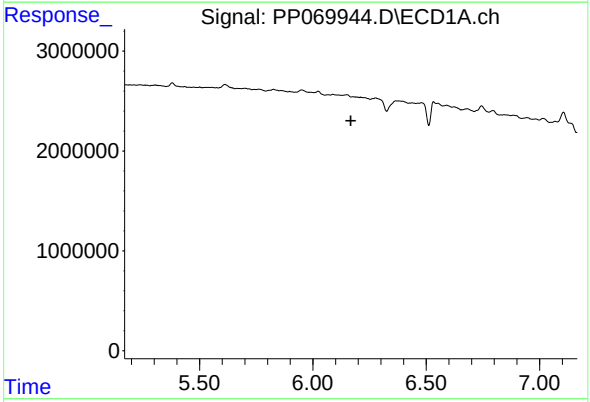
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



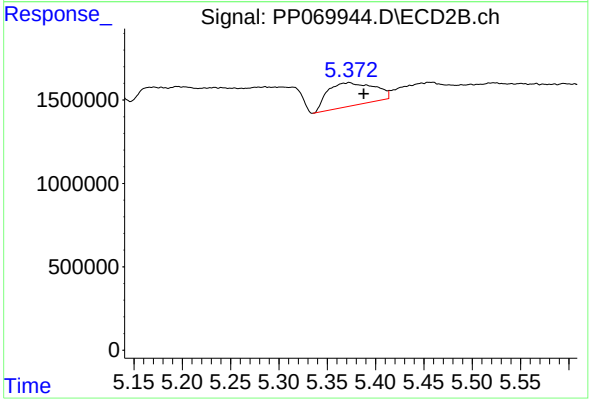
#6 AR-1016-4

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 1288915
Conc: 63.82 ng/ml



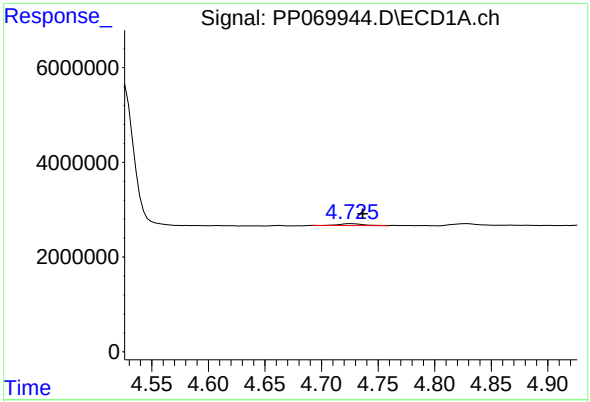
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.



#7 AR-1016-5

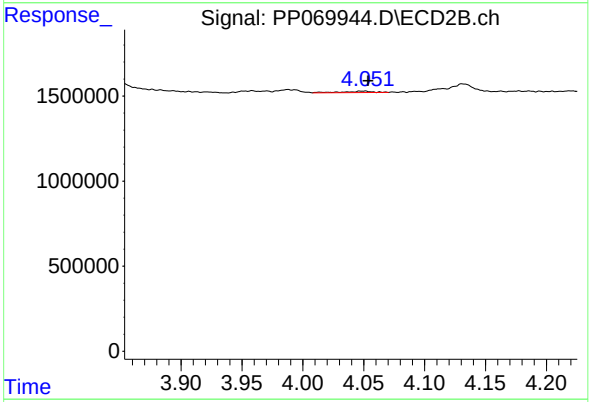
R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 4657526
Conc: 173.63 ng/ml



#8 AR-1221-1

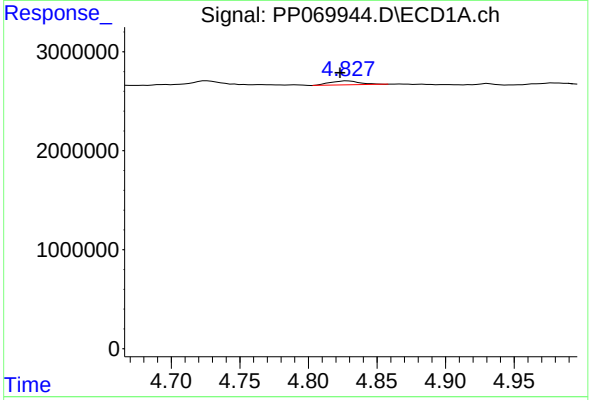
R.T.: 4.726 min
Delta R.T.: -0.011 min
Response: 610008
Conc: 32.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



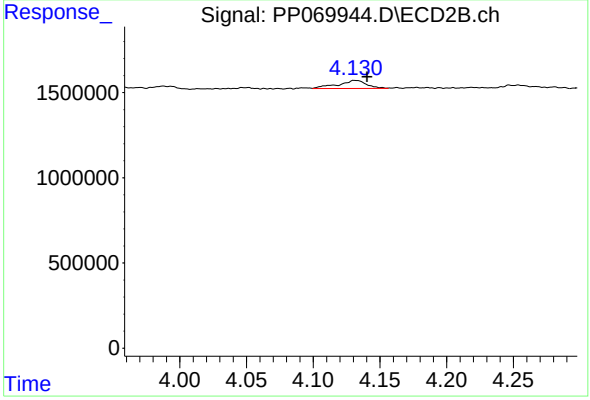
#8 AR-1221-1

R.T.: 4.051 min
Delta R.T.: -0.003 min
Response: 141183
Conc: 11.46 ng/ml



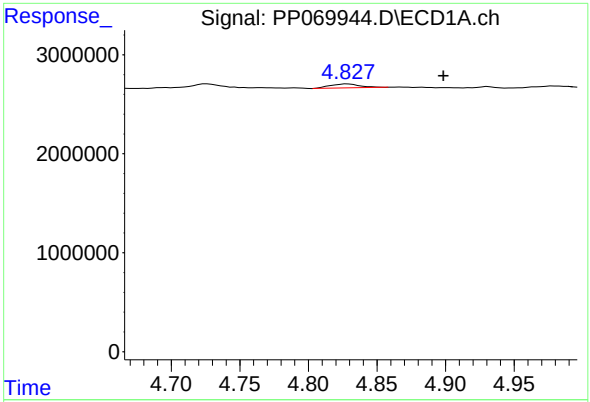
#9 AR-1221-2

R.T.: 4.829 min
Delta R.T.: 0.006 min
Response: 602276
Conc: 43.99 ng/ml



#9 AR-1221-2

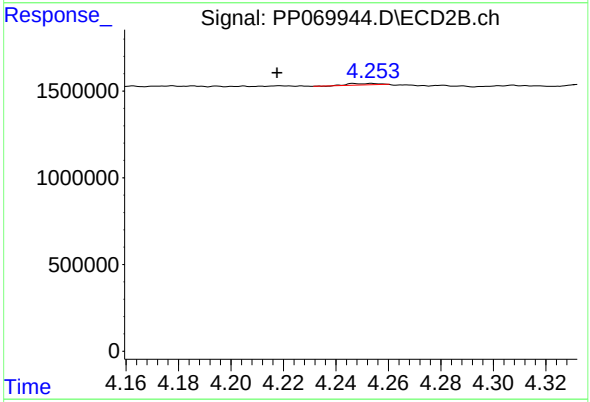
R.T.: 4.131 min
Delta R.T.: -0.009 min
Response: 705994
Conc: 72.91 ng/ml



#10 AR-1221-3

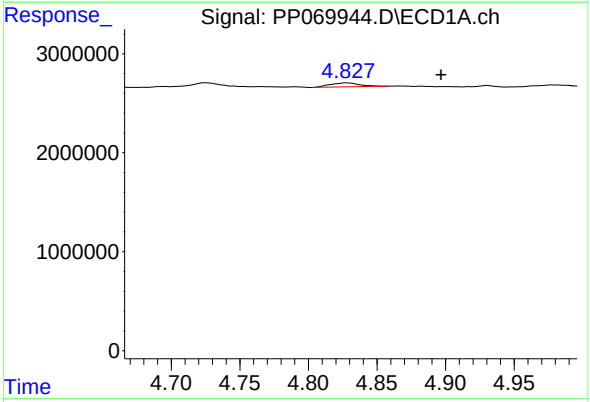
R.T.: 4.829 min
Delta R.T.: -0.070 min
Response: 602276
Conc: 14.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



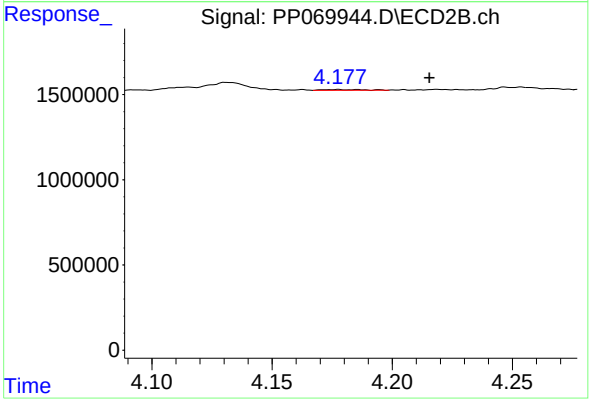
#10 AR-1221-3

R.T.: 4.254 min
Delta R.T.: 0.036 min
Response: 68214
Conc: 2.34 ng/ml



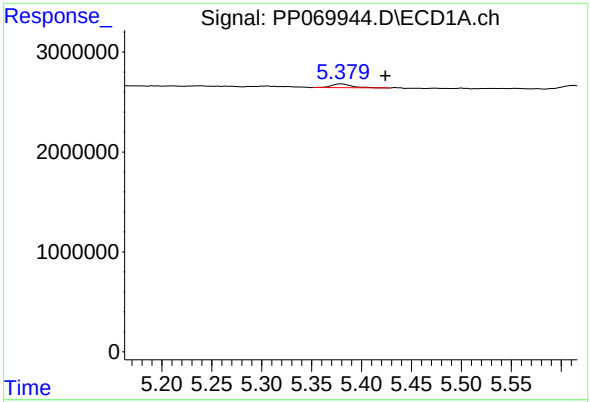
#11 AR-1232-1

R.T.: 4.829 min
Delta R.T.: -0.068 min
Response: 602276
Conc: 18.09 ng/ml



#11 AR-1232-1

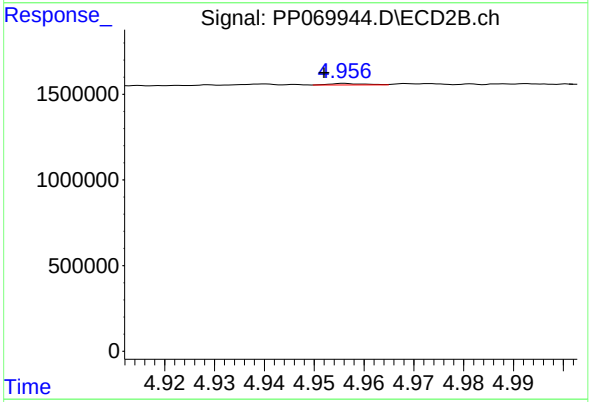
R.T.: 4.177 min
Delta R.T.: -0.038 min
Response: 52718
Conc: 2.25 ng/ml



#12 AR-1232-2

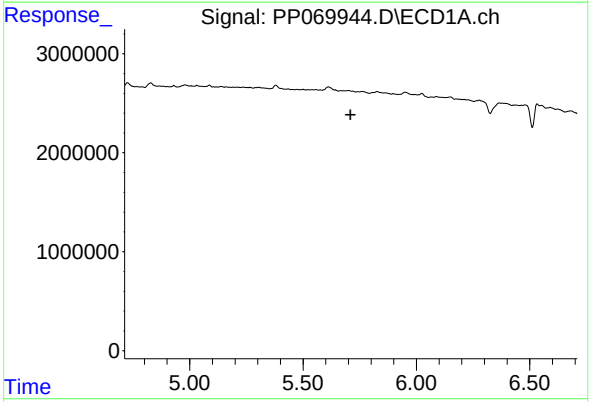
R.T.: 5.380 min
Delta R.T.: -0.043 min
Response: 539841
Conc: 33.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



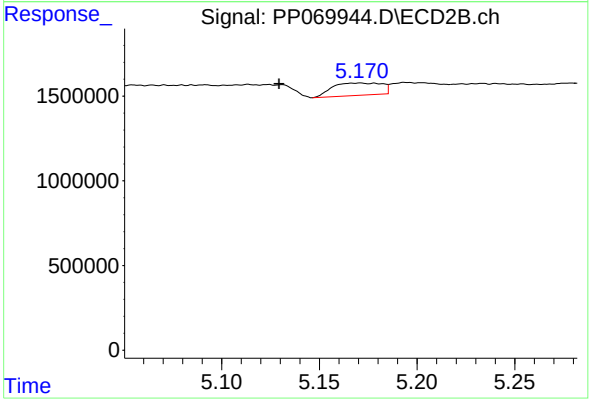
#12 AR-1232-2

R.T.: 4.956 min
Delta R.T.: 0.004 min
Response: 39658
Conc: 1.68 ng/ml



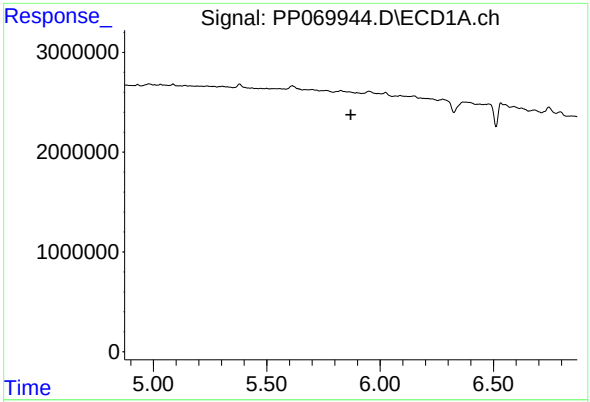
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.



#13 AR-1232-3

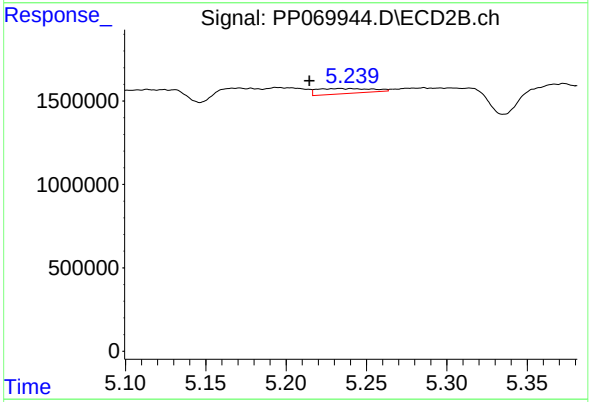
R.T.: 5.171 min
Delta R.T.: 0.042 min
Response: 1288915
Conc: 99.55 ng/ml



#14 AR-1232-4

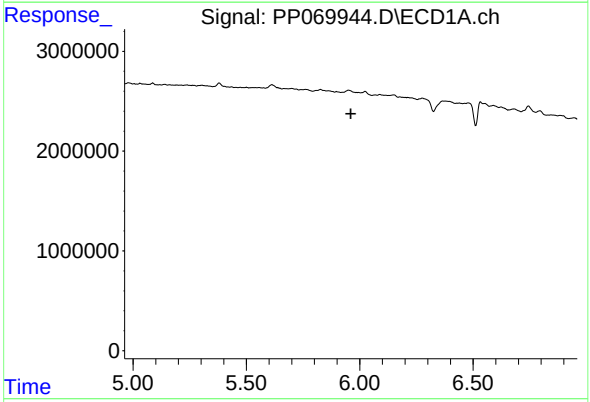
R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



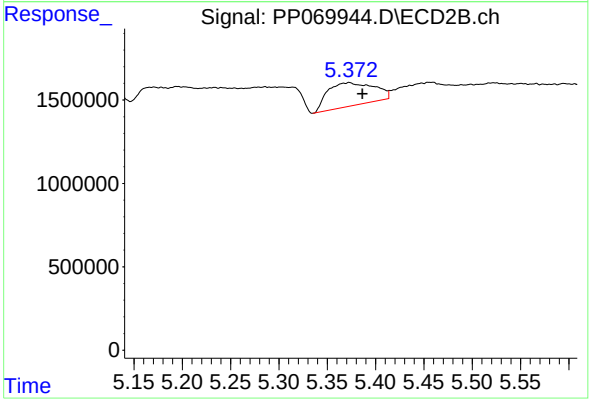
#14 AR-1232-4

R.T.: 5.233 min
Delta R.T.: 0.019 min
Response: 727531
Conc: 65.62 ng/ml



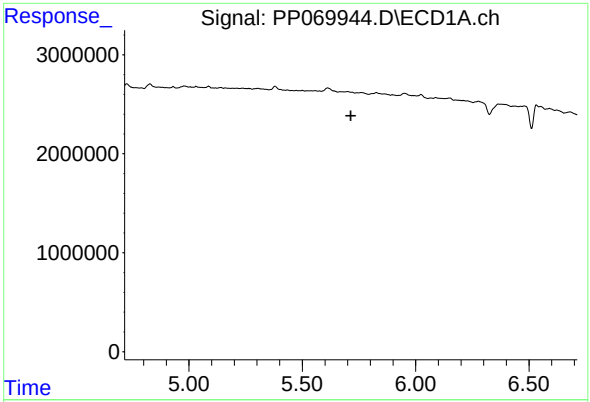
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.



#15 AR-1232-5

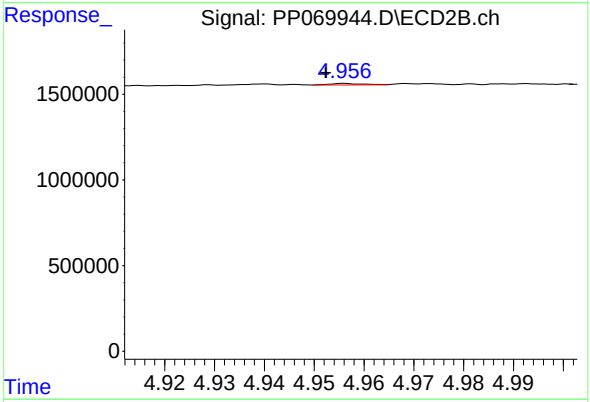
R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 4657526
Conc: 381.44 ng/ml



#17 AR-1242-2

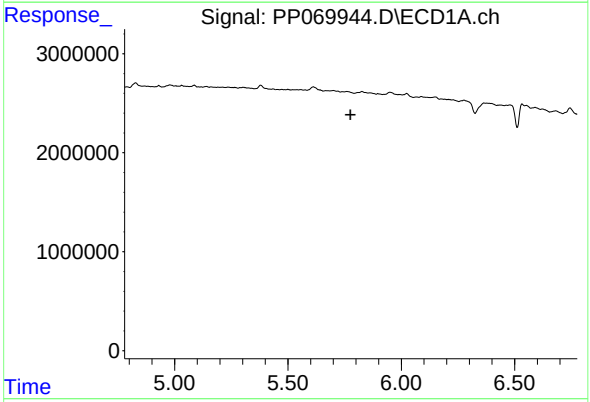
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



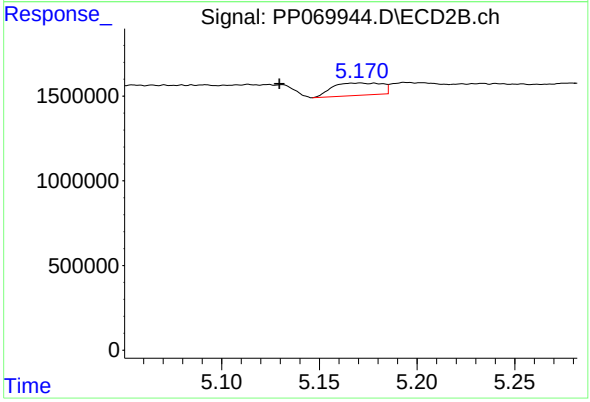
#17 AR-1242-2

R.T.: 4.956 min
Delta R.T.: 0.004 min
Response: 39658
Conc: 1.01 ng/ml



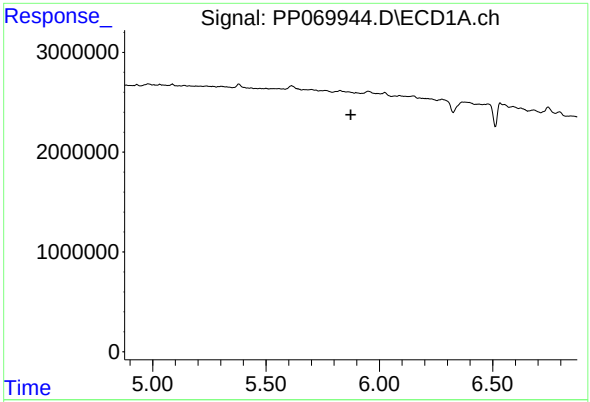
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

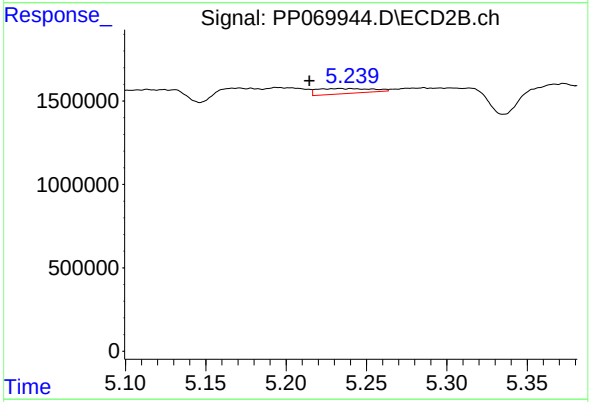
R.T.: 5.171 min
Delta R.T.: 0.041 min
Response: 1288915
Conc: 57.27 ng/ml



#19 AR-1242-4

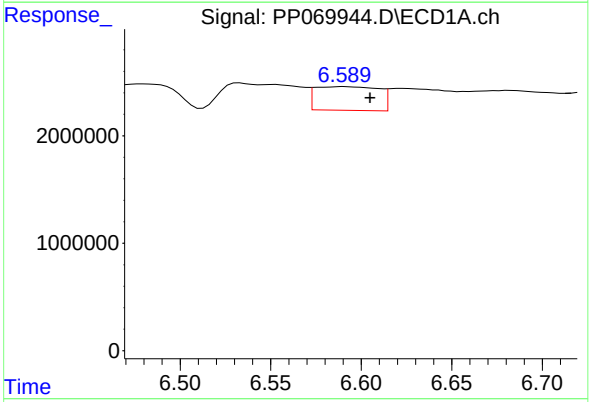
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



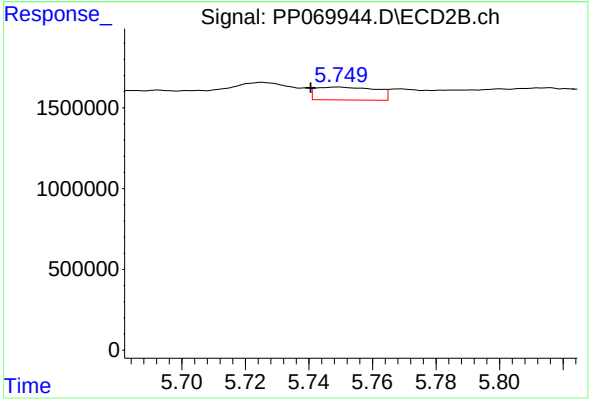
#19 AR-1242-4

R.T.: 5.233 min
Delta R.T.: 0.019 min
Response: 727531
Conc: 33.71 ng/ml



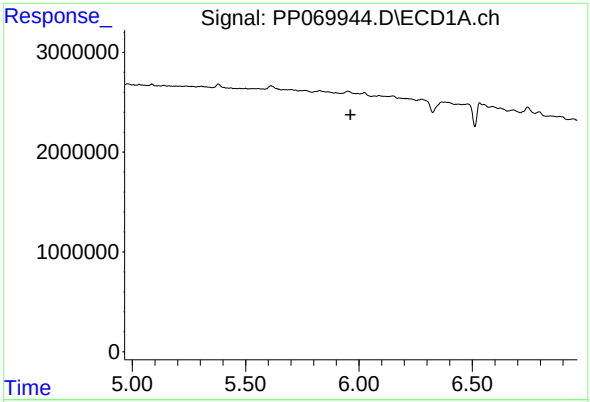
#20 AR-1242-5

R.T.: 6.590 min
Delta R.T.: -0.015 min
Response: 5375831
Conc: 164.98 ng/ml



#20 AR-1242-5

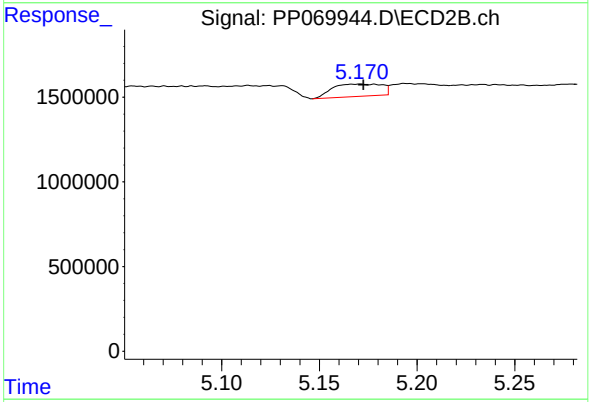
R.T.: 5.749 min
Delta R.T.: 0.009 min
Response: 1045080
Conc: 36.33 ng/ml



#22 AR-1248-2

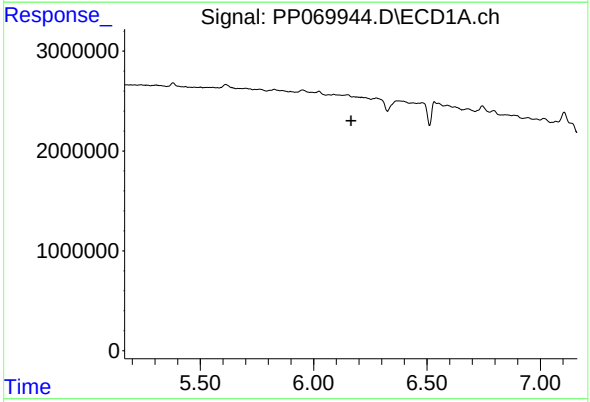
R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



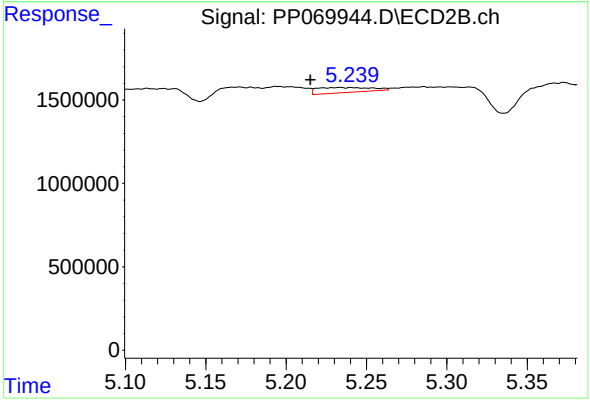
#22 AR-1248-2

R.T.: 5.171 min
Delta R.T.: -0.002 min
Response: 1288915
Conc: 42.87 ng/ml



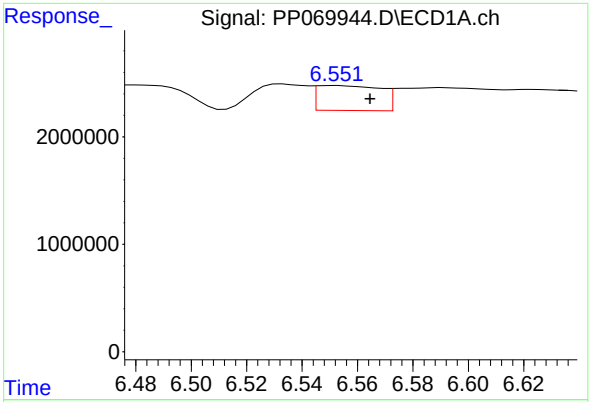
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.



#23 AR-1248-3

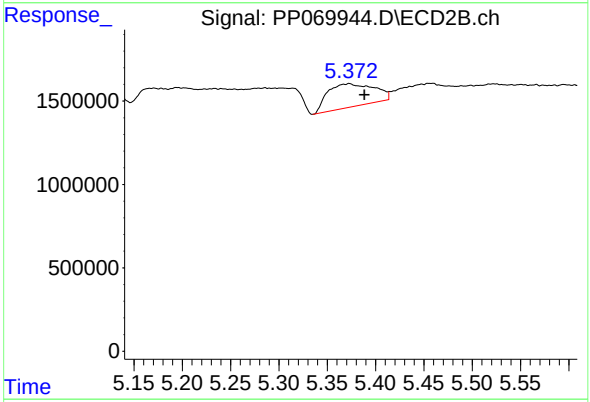
R.T.: 5.233 min
Delta R.T.: 0.018 min
Response: 727531
Conc: 23.48 ng/ml



#24 AR-1248-4

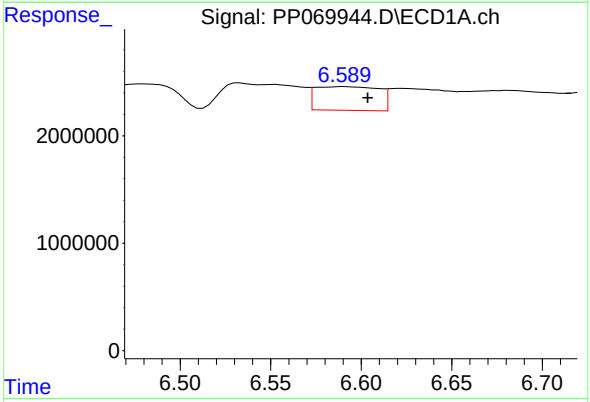
R.T.: 6.553 min
Delta R.T.: -0.012 min
Response: 3697531
Conc: 67.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



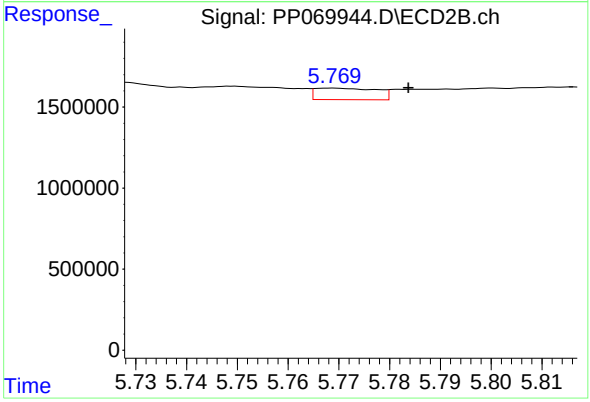
#24 AR-1248-4

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 4657526
Conc: 126.07 ng/ml



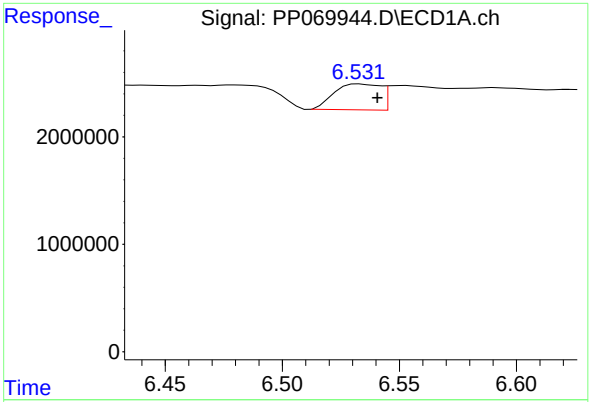
#25 AR-1248-5

R.T.: 6.590 min
Delta R.T.: -0.013 min
Response: 5375831
Conc: 100.70 ng/ml



#25 AR-1248-5

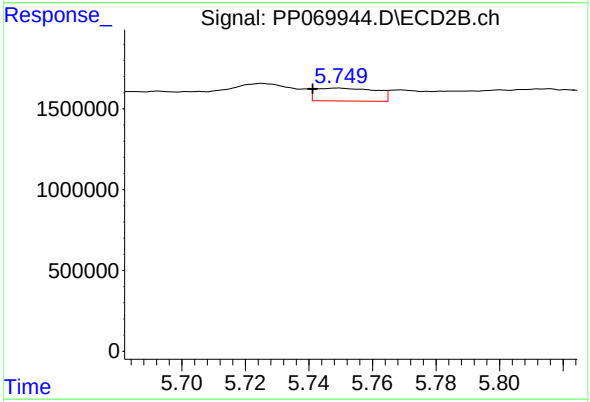
R.T.: 5.768 min
Delta R.T.: -0.015 min
Response: 600663
Conc: 16.07 ng/ml



#26 AR-1254-1

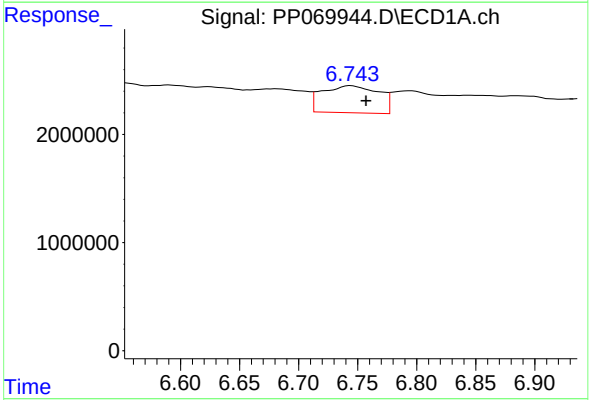
R.T.: 6.533 min
Delta R.T.: -0.008 min
Response: 3302808
Conc: 57.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



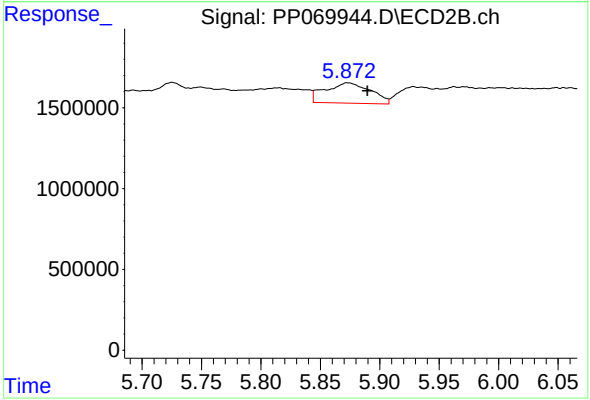
#26 AR-1254-1

R.T.: 5.749 min
Delta R.T.: 0.008 min
Response: 1045080
Conc: 18.98 ng/ml



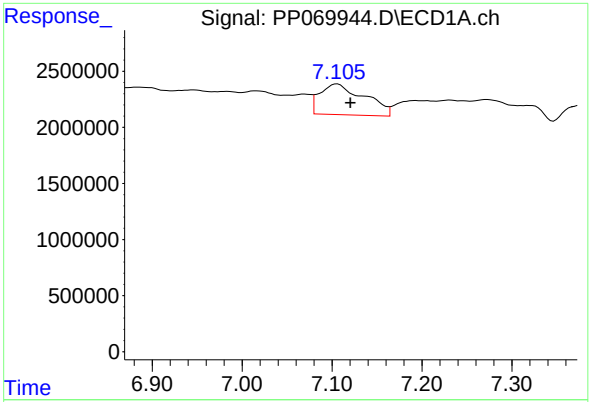
#27 AR-1254-2

R.T.: 6.745 min
Delta R.T.: -0.013 min
Response: 8332429
Conc: 103.84 ng/ml



#27 AR-1254-2

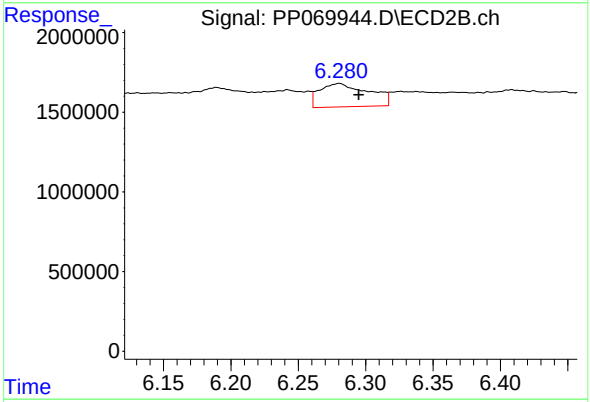
R.T.: 5.873 min
Delta R.T.: -0.016 min
Response: 3356604
Conc: 69.40 ng/ml



#28 AR-1254-3

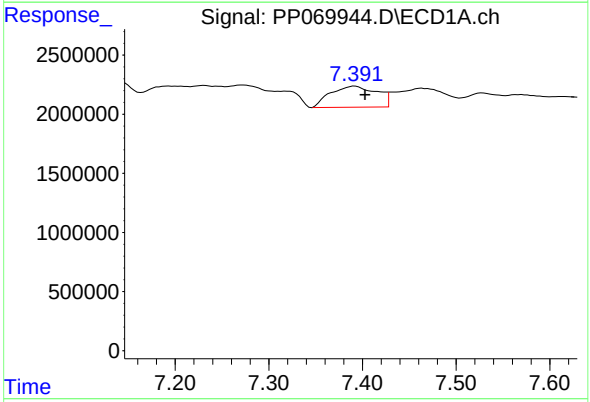
R.T.: 7.106 min
Delta R.T.: -0.014 min
Response: 9521591
Conc: 112.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



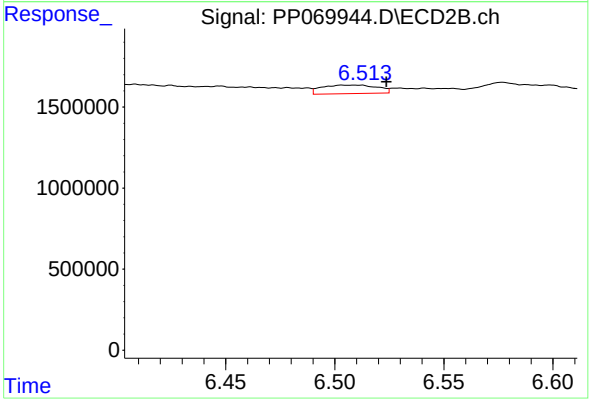
#28 AR-1254-3

R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 3739792
Conc: 49.28 ng/ml



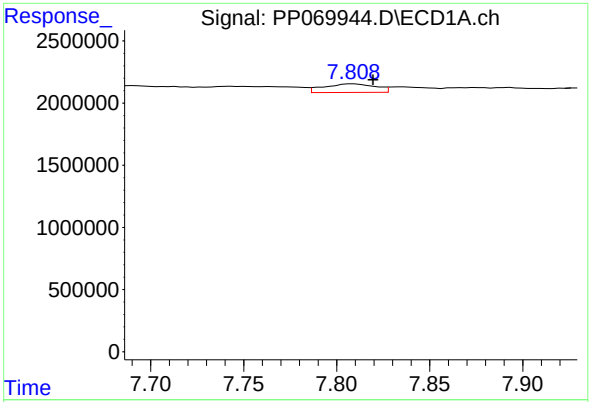
#29 AR-1254-4

R.T.: 7.392 min
Delta R.T.: -0.011 min
Response: 6167669
Conc: 90.45 ng/ml



#29 AR-1254-4

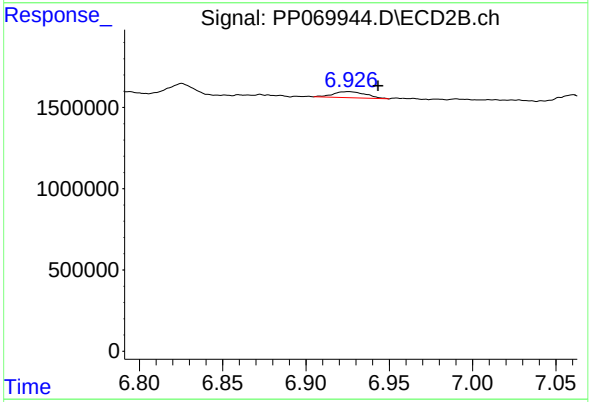
R.T.: 6.504 min
Delta R.T.: -0.020 min
Response: 926899
Conc: 18.09 ng/ml



#30 AR-1254-5

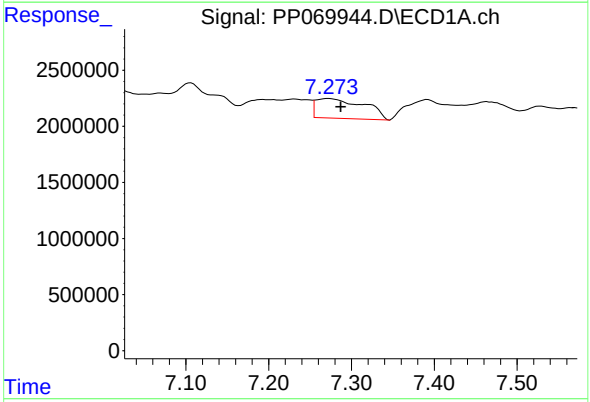
R.T.: 7.809 min
Delta R.T.: -0.011 min
Response: 1321639
Conc: 19.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



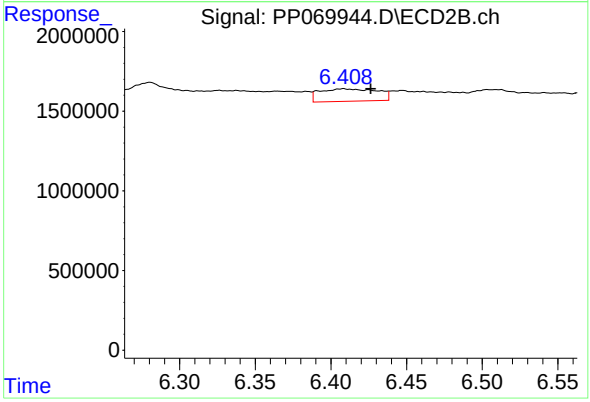
#30 AR-1254-5

R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 506508
Conc: 7.61 ng/ml



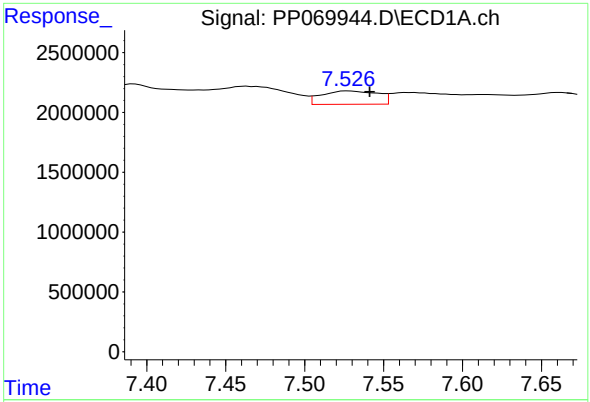
#31 AR-1260-1

R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 7183861
Conc: 122.93 ng/ml



#31 AR-1260-1

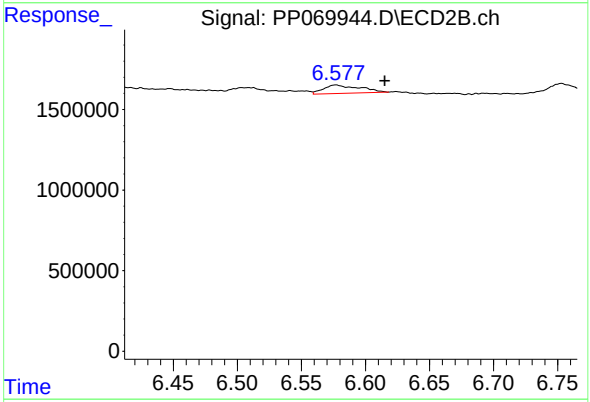
R.T.: 6.408 min
Delta R.T.: -0.018 min
Response: 2071927
Conc: 42.96 ng/ml



#32 AR-1260-2

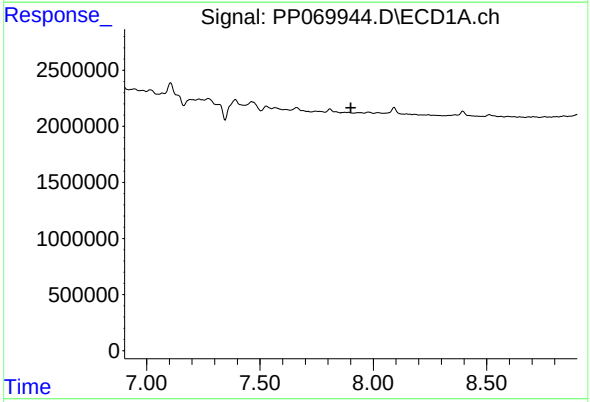
R.T.: 7.528 min
Delta R.T.: -0.013 min
Response: 2772670
Conc: 35.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



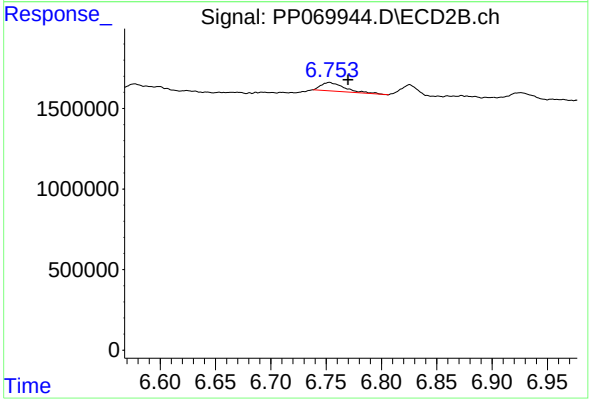
#32 AR-1260-2

R.T.: 6.577 min
Delta R.T.: -0.038 min
Response: 1035589
Conc: 16.89 ng/ml



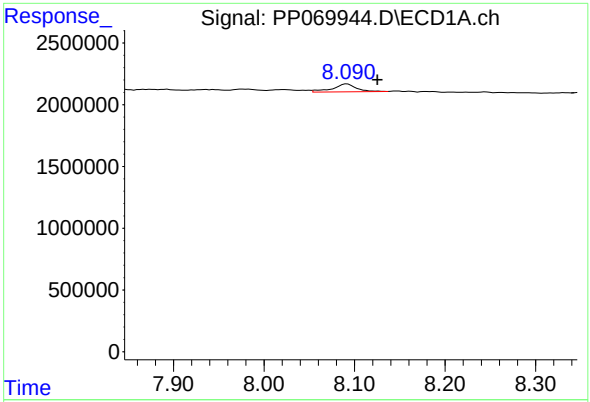
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.



#33 AR-1260-3

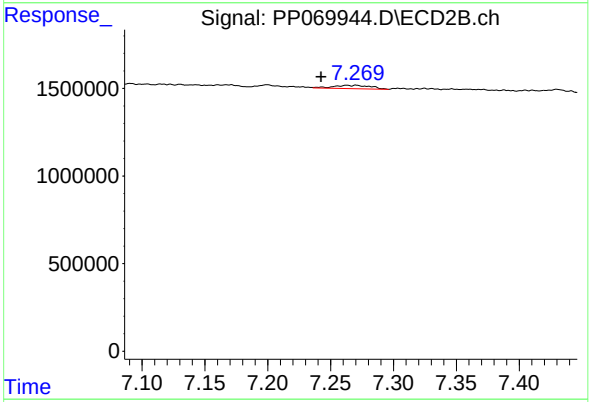
R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 789096
Conc: 13.12 ng/ml



#34 AR-1260-4

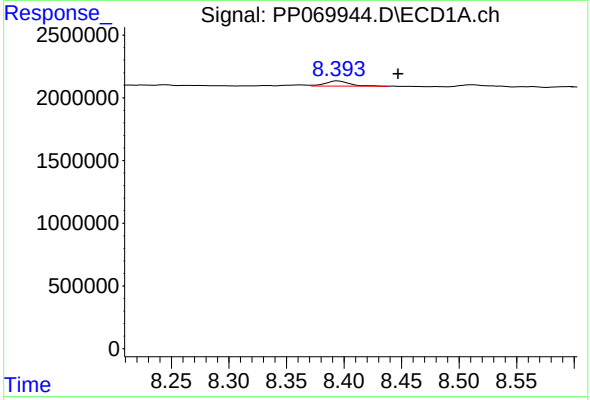
R.T.: 8.092 min
Delta R.T.: -0.034 min
Response: 1166393
Conc: 17.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



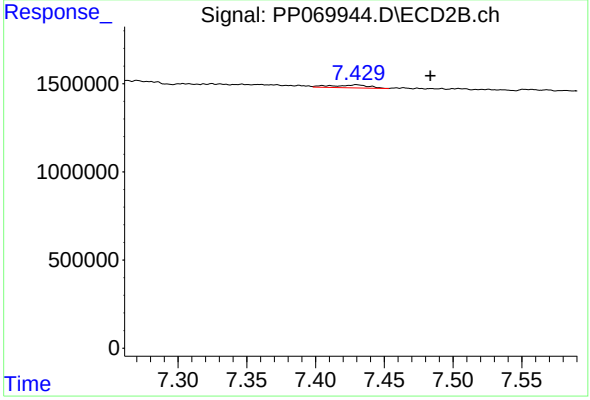
#34 AR-1260-4

R.T.: 7.270 min
Delta R.T.: 0.028 min
Response: 404726
Conc: 8.71 ng/ml



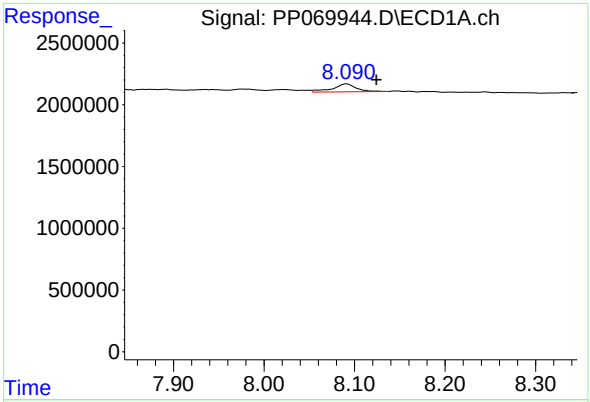
#35 AR-1260-5

R.T.: 8.394 min
Delta R.T.: -0.052 min
Response: 592091
Conc: 4.52 ng/ml



#35 AR-1260-5

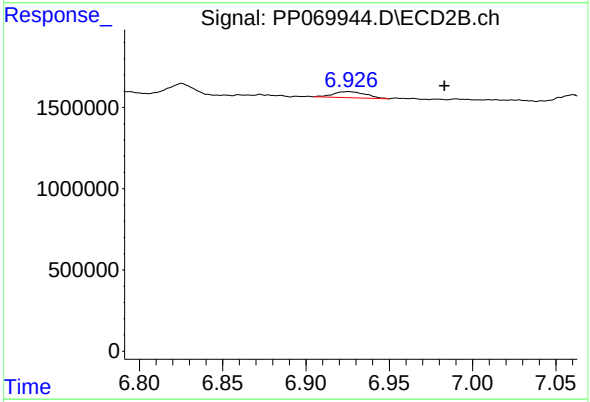
R.T.: 7.430 min
Delta R.T.: -0.054 min
Response: 311605
Conc: 2.80 ng/ml



#36 AR-1262-1

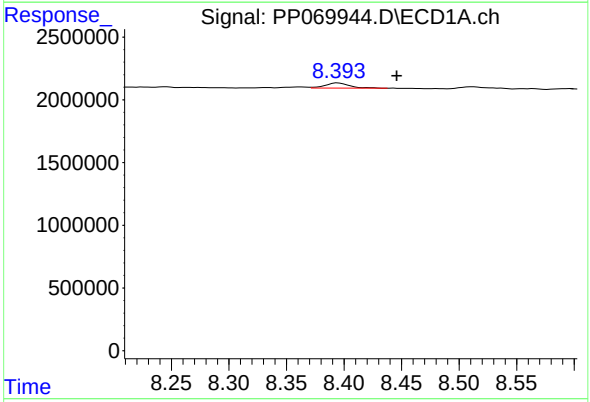
R.T.: 8.092 min
Delta R.T.: -0.032 min
Response: 1166393
Conc: 14.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



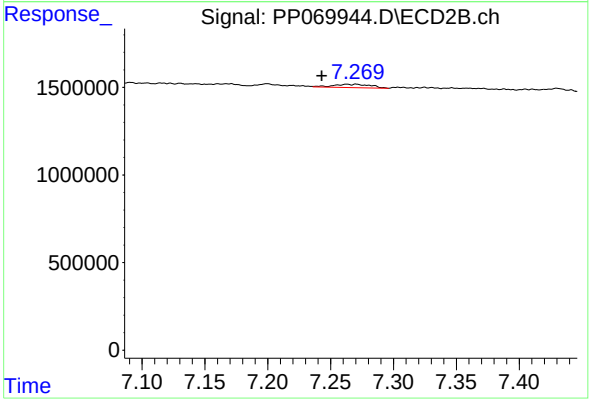
#36 AR-1262-1

R.T.: 6.926 min
Delta R.T.: -0.057 min
Response: 506508
Conc: 7.13 ng/ml



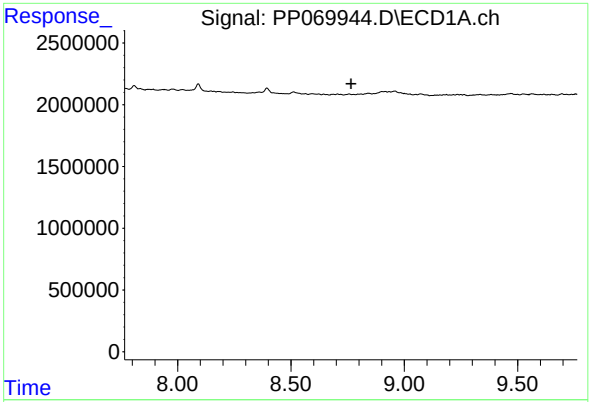
#37 AR-1262-2

R.T.: 8.394 min
Delta R.T.: -0.051 min
Response: 592091
Conc: 3.87 ng/ml



#37 AR-1262-2

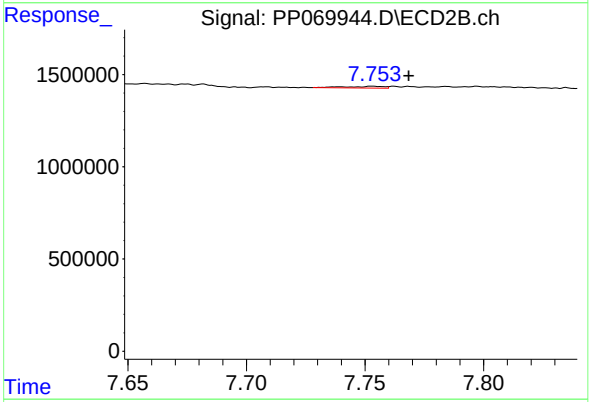
R.T.: 7.270 min
Delta R.T.: 0.027 min
Response: 404726
Conc: 6.64 ng/ml



#38 AR-1262-3

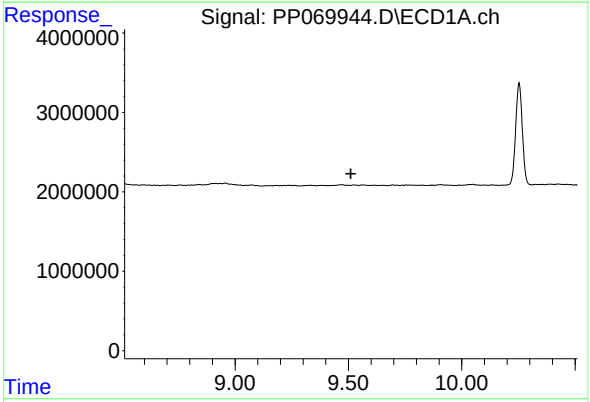
R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



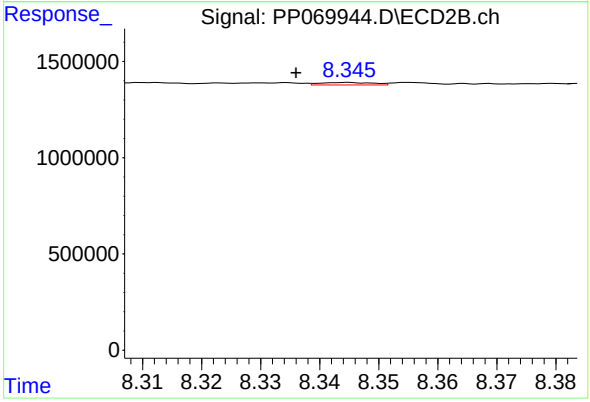
#38 AR-1262-3

R.T.: 7.753 min
Delta R.T.: -0.015 min
Response: 106216
Conc: 2.03 ng/ml



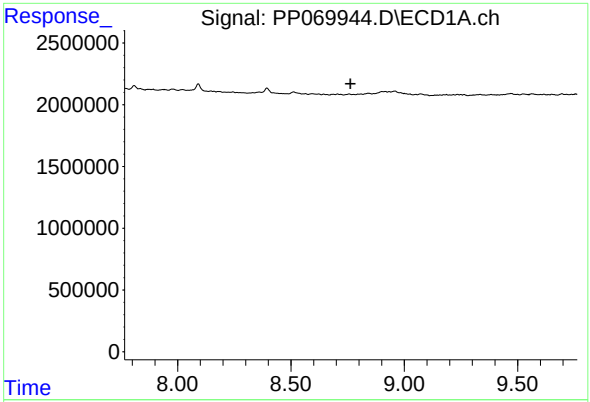
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

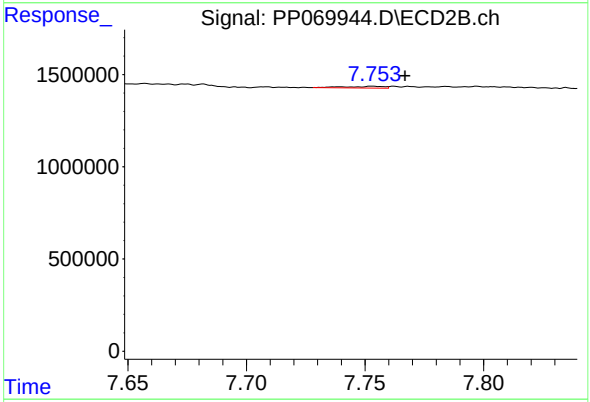
R.T.: 8.345 min
Delta R.T.: 0.009 min
Response: 82193
Conc: 1.72 ng/ml



#41 AR-1268-1

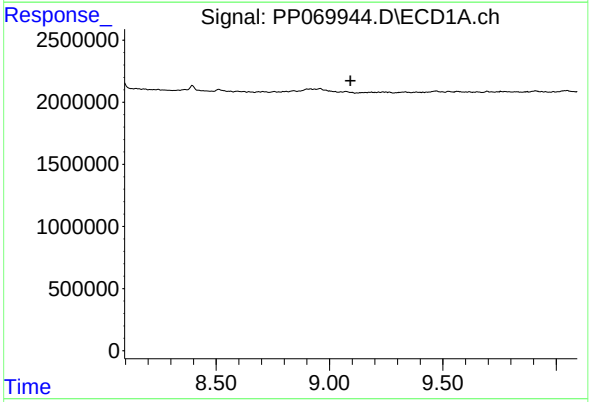
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



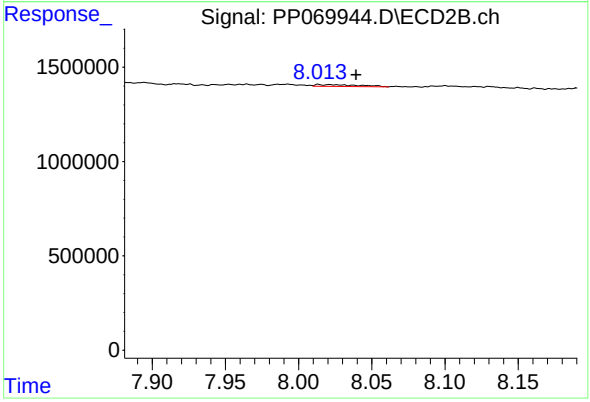
#41 AR-1268-1

R.T.: 7.753 min
Delta R.T.: -0.013 min
Response: 106216
Conc: 0.73 ng/ml



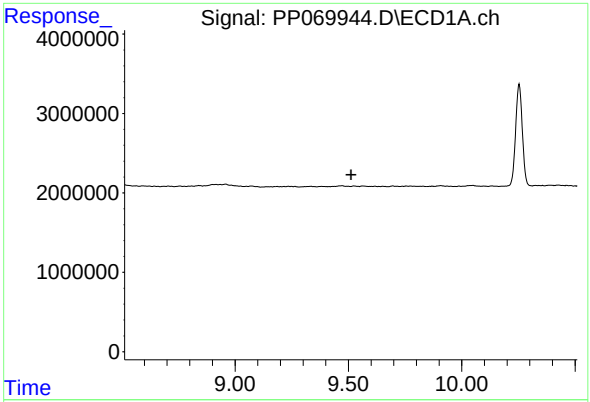
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#43 AR-1268-3

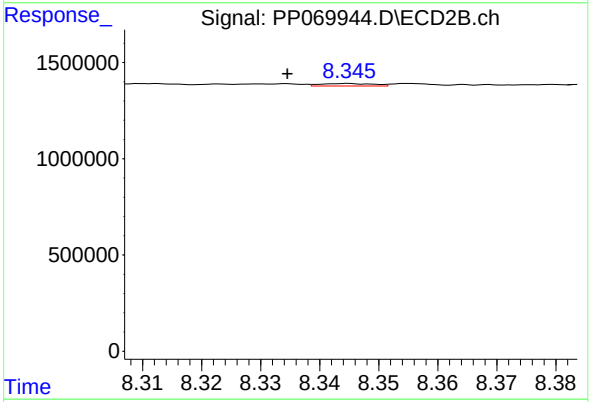
R.T.: 8.014 min
Delta R.T.: -0.026 min
Response: 201183
Conc: 1.77 ng/ml



#44 AR-1268-4

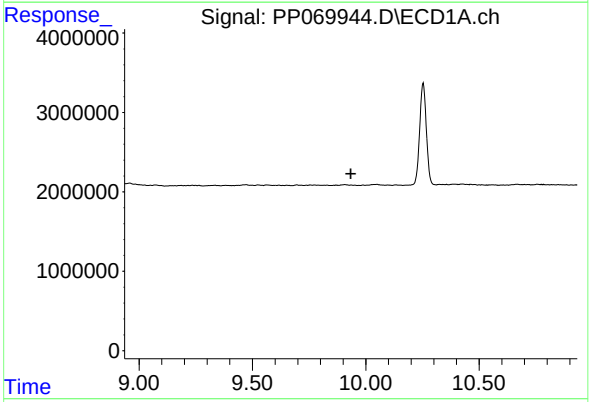
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-CF-15-021725RE



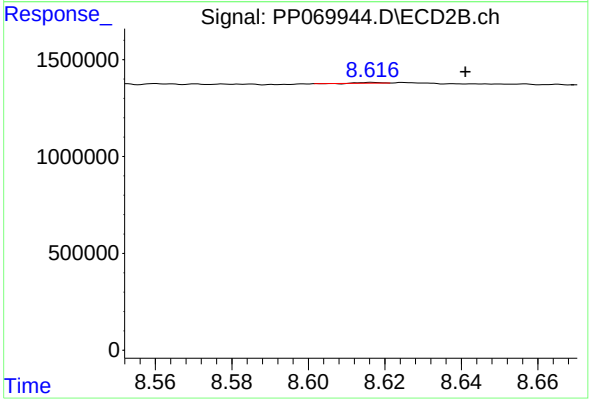
#44 AR-1268-4

R.T.: 8.345 min
Delta R.T.: 0.010 min
Response: 82193
Conc: 1.58 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.617 min
Delta R.T.: -0.024 min
Response: 15041
Conc: 0.04 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:15
Operator : YP\AJ
Sample : Q1383-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:02:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.522	3.830	36708618	21709479	25.644	24.323	
2)	SA Decachlor...	10.250	8.887	25212834	26277376	23.070	23.494	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.950	0	70951	N.D.	2.175	#
4)	L1 AR-1016-2	0.000	4.950	0	70951	N.D.	1.578	#
5)	L1 AR-1016-3	0.000	5.162	0	195225	N.D.	7.845	#
6)	L1 AR-1016-4	0.000	5.162	0	195225	N.D.	9.666	#
7)	L1 AR-1016-5	0.000	5.392	0	169586	N.D.	6.322	#
8)	L2 AR-1221-1	0.000	4.046	0	125754	N.D.	10.209	#
9)	L2 AR-1221-2	4.827	4.134	503961	505887	36.806	52.243	#
10)	L2 AR-1221-3	0.000	4.206	0	32207	N.D.	1.104	#
11)	L3 AR-1232-1	4.827f	4.206	503961	32207	15.137	1.372	#
12)	L3 AR-1232-2	5.376f	4.950	520714	70951	31.864	3.010	#
13)	L3 AR-1232-3	0.000	5.162	0	195225	N.D.	15.078	#
14)	L3 AR-1232-4	0.000	5.224	0	57308	N.D.	5.169	#
15)	L3 AR-1232-5	0.000	5.392	0	169586	N.D.	13.889	#
16)	L4 AR-1242-1	0.000	4.950	0	70951	N.D.	2.461	#
17)	L4 AR-1242-2	0.000	4.950	0	70951	N.D.	1.801	#
18)	L4 AR-1242-3	0.000	5.162	0	195225	N.D.	8.675	#
19)	L4 AR-1242-4	0.000	5.224	0	57308	N.D.	2.655	#
20)	L4 AR-1242-5	0.000	5.727	0	638279	N.D.	22.187	#
21)	L5 AR-1248-1	0.000	4.950	0	70951	N.D.	3.224	#
22)	L5 AR-1248-2	0.000	5.162	0	195225	N.D.	6.494	#
23)	L5 AR-1248-3	0.000	5.224	0	57308	N.D.	1.850	#
24)	L5 AR-1248-4	0.000	5.392	0	169586	N.D.	4.590	#
25)	L5 AR-1248-5	0.000	5.792	0	239043	N.D.	6.393	#
26)	L6 AR-1254-1	0.000	5.727	0	638279	N.D.	11.593	#
27)	L6 AR-1254-2	0.000	5.903	0	115998	N.D.	2.398	#
28)	L6 AR-1254-3	7.103	6.282	1242736	1211062	14.744	15.957	
29)	L6 AR-1254-4	7.388	6.507	895811	630349	13.137	12.300	
30)	L6 AR-1254-5	0.000	6.928	0	222659	N.D.	3.345	#
31)	L7 AR-1260-1	0.000	6.405	0	890956	N.D.	18.473	#
32)	L7 AR-1260-2	0.000	6.595	0	629924	N.D.	10.275	#
33)	L7 AR-1260-3	0.000	6.755	0	640733	N.D.	10.651	#
34)	L7 AR-1260-4	8.087f	7.197f	763964	188332	11.579	4.053	#
35)	L7 AR-1260-5	8.392f	7.432f	513254	126135	3.920	1.135	#
36)	L8 AR-1262-1	8.087f	6.928f	763964	222659	9.668	3.135	#
37)	L8 AR-1262-2	8.392f	7.197f	513254	188332	3.356	3.088	
38)	L8 AR-1262-3	0.000	7.768	0	76578	N.D.	1.464	#
39)	L8 AR-1262-4	0.000	7.785f	0	158338	N.D.	1.713	#
40)	L8 AR-1262-5	0.000	8.270f	0	108730	N.D.	2.275	#
41)	L9 AR-1268-1	0.000	7.768	0	76578	N.D.	0.528	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:15
Operator : YP\AJ
Sample : Q1383-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:02:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.785f	0	158338	N.D.	1.192 #
44) L9	AR-1268-4	0.000	8.270f	0	108730	N.D.	2.088 #
45) L9	AR-1268-5	0.000	8.619	0	148056	N.D.	0.416 #

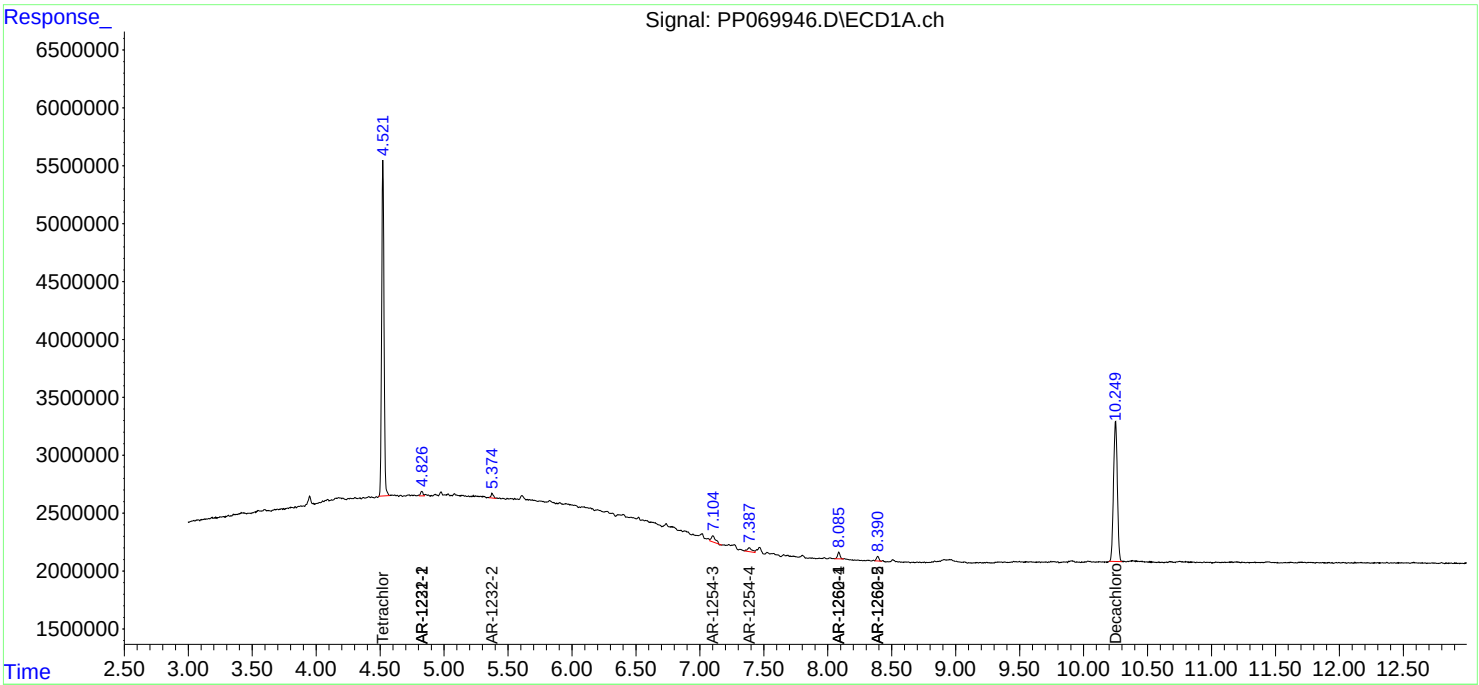
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

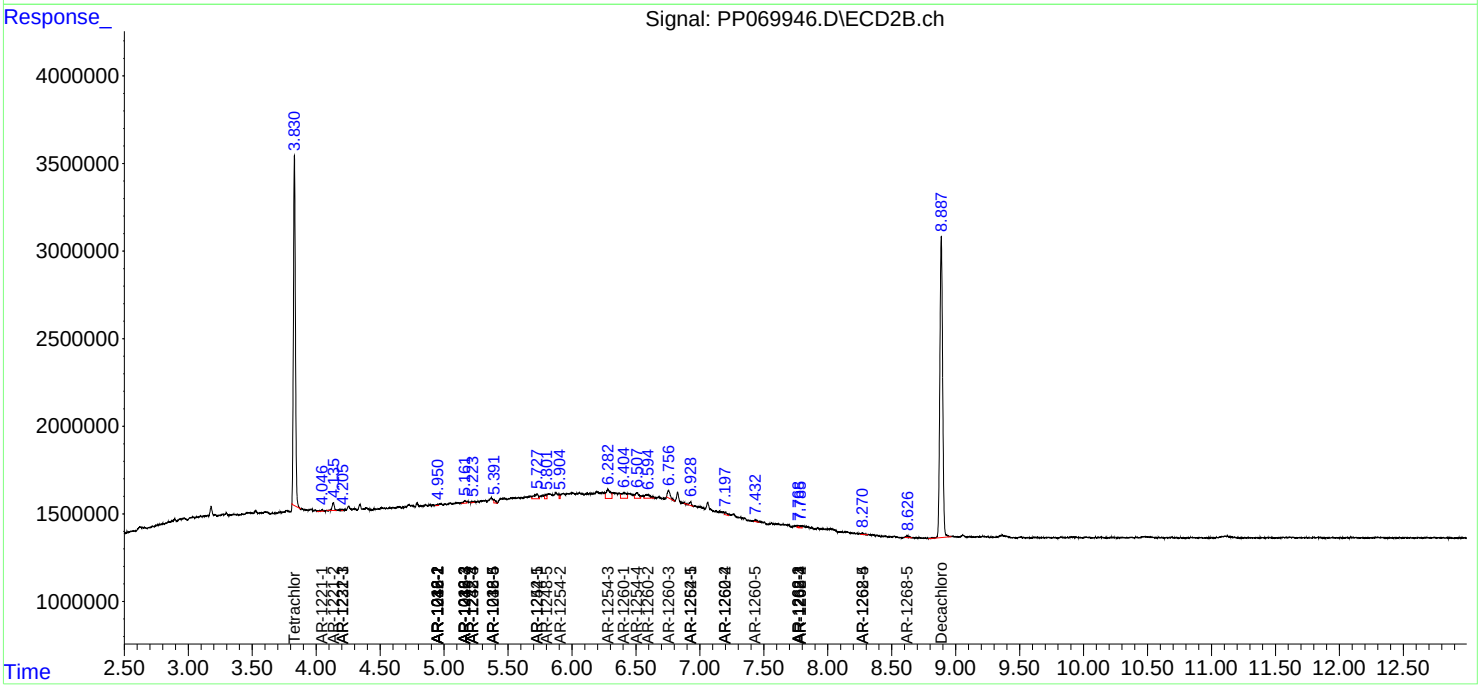
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:15
Operator : YP\AJ
Sample : Q1383-11
Misc :
ALS Vial : 36 Sample Multiplier: 1

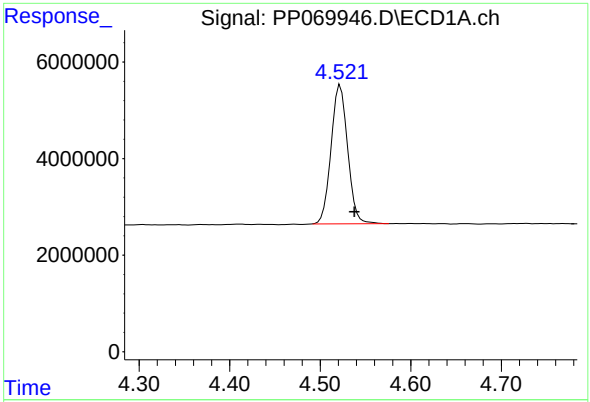
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:02:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



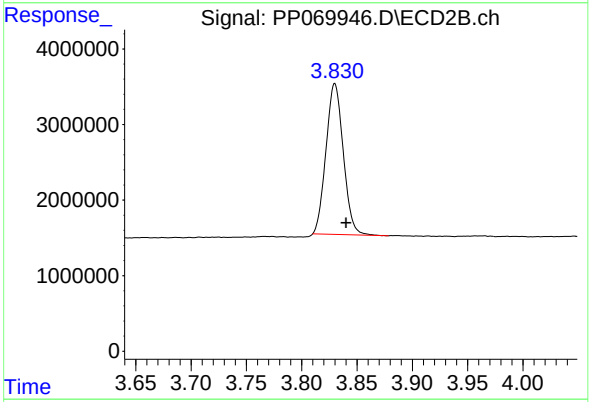




#1 Tetrachloro-m-xylene

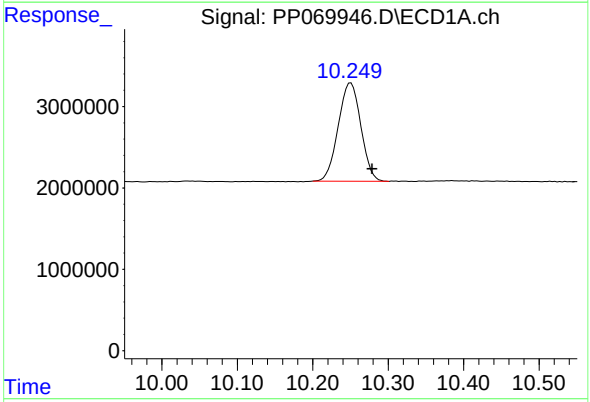
R.T.: 4.522 min
Delta R.T.: -0.016 min
Response: 36708618
Conc: 25.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



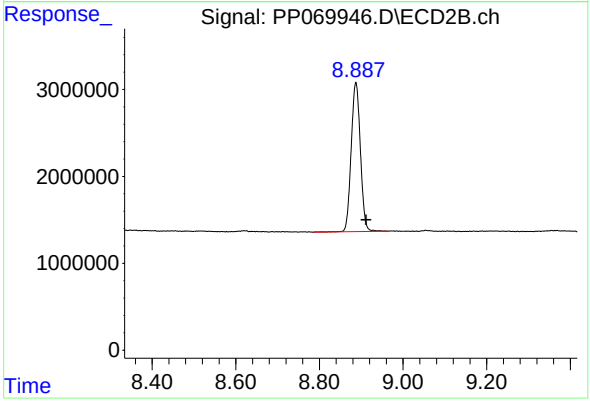
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 21709479
Conc: 24.32 ng/ml



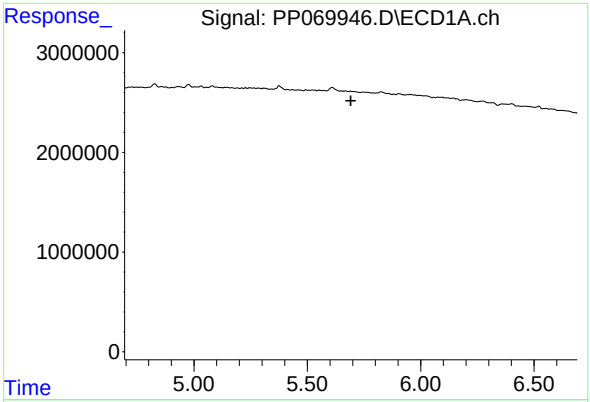
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.028 min
Response: 25212834
Conc: 23.07 ng/ml



#2 Decachlorobiphenyl

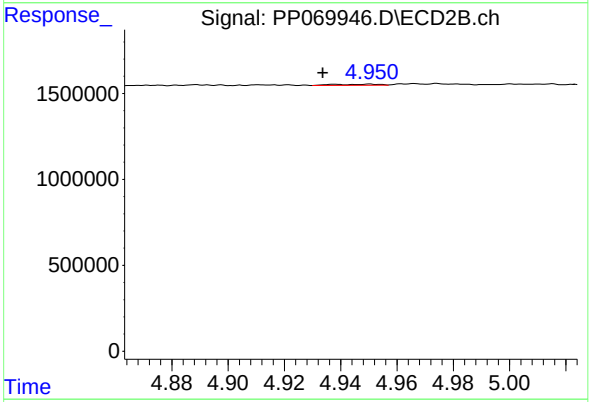
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26277376
Conc: 23.49 ng/ml



#3 AR-1016-1

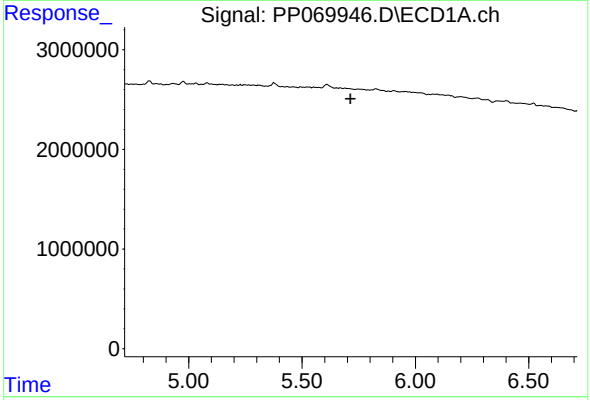
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



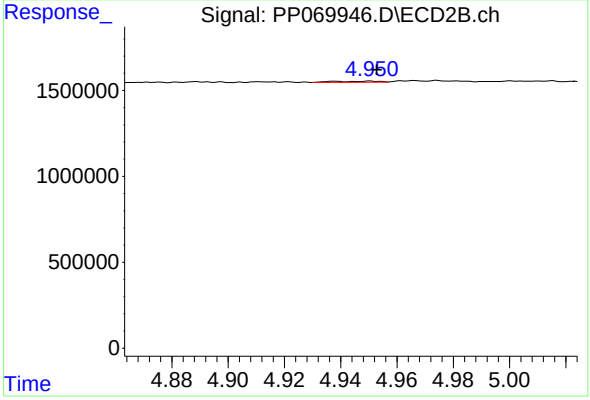
#3 AR-1016-1

R.T.: 4.950 min
Delta R.T.: 0.017 min
Response: 70951
Conc: 2.18 ng/ml



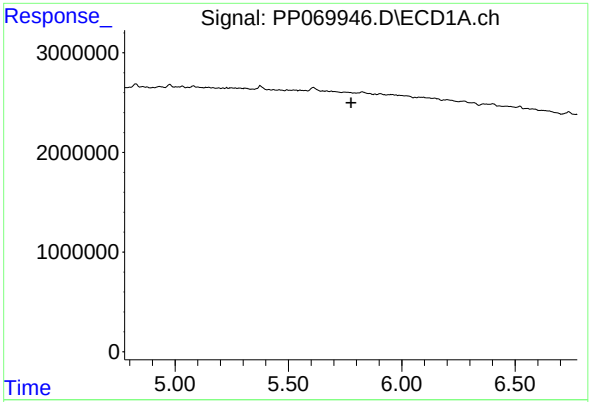
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

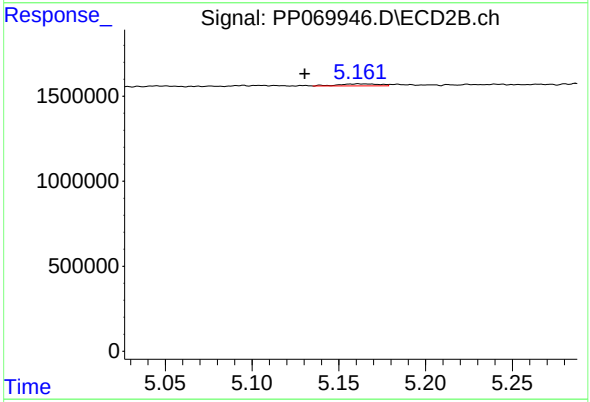
R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 70951
Conc: 1.58 ng/ml



#5 AR-1016-3

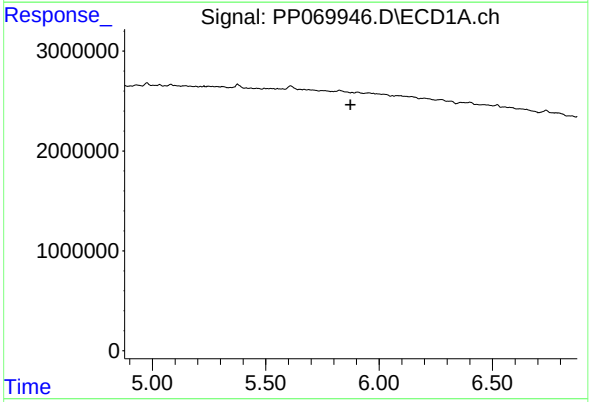
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



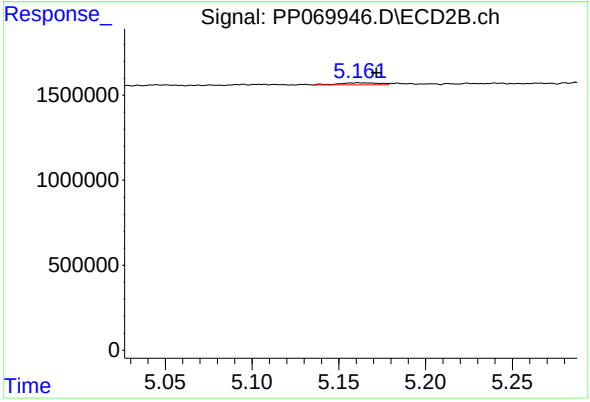
#5 AR-1016-3

R.T.: 5.162 min
Delta R.T.: 0.031 min
Response: 195225
Conc: 7.85 ng/ml



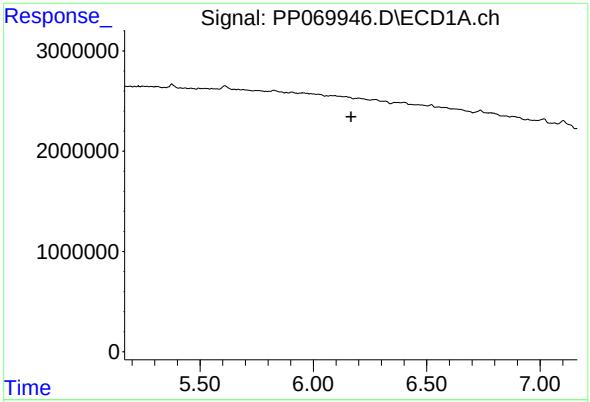
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

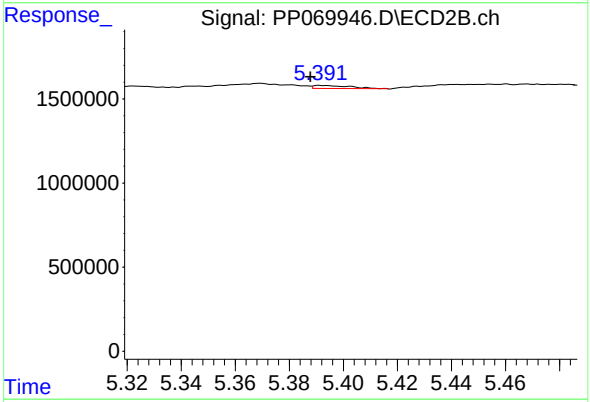
R.T.: 5.162 min
Delta R.T.: -0.010 min
Response: 195225
Conc: 9.67 ng/ml



#7 AR-1016-5

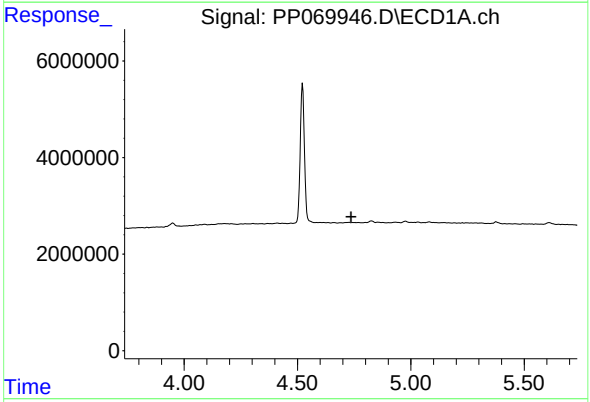
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



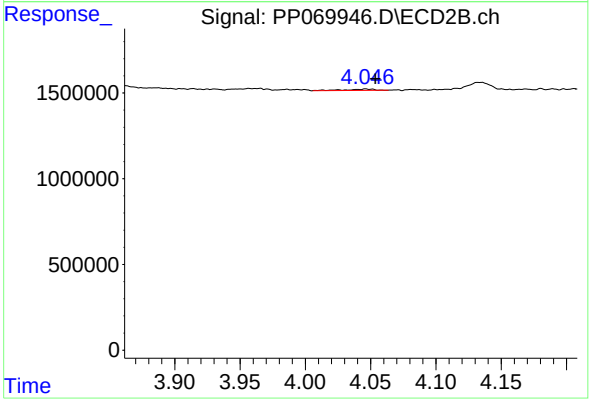
#7 AR-1016-5

R.T.: 5.392 min
Delta R.T.: 0.004 min
Response: 169586
Conc: 6.32 ng/ml



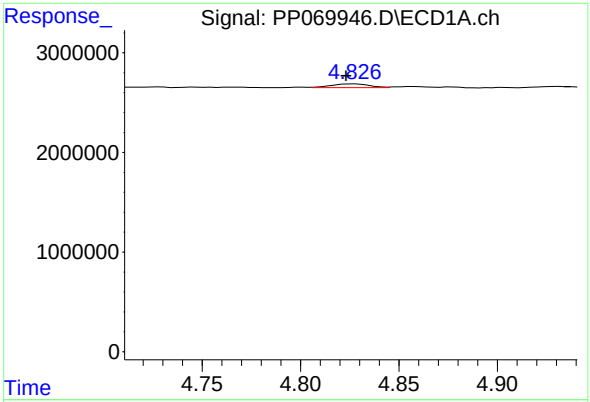
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

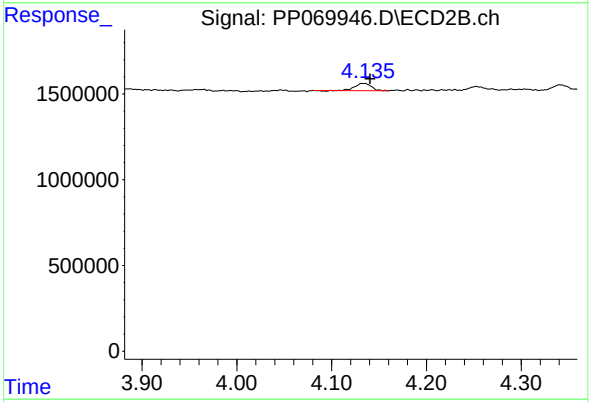
R.T.: 4.046 min
Delta R.T.: -0.007 min
Response: 125754
Conc: 10.21 ng/ml



#9 AR-1221-2

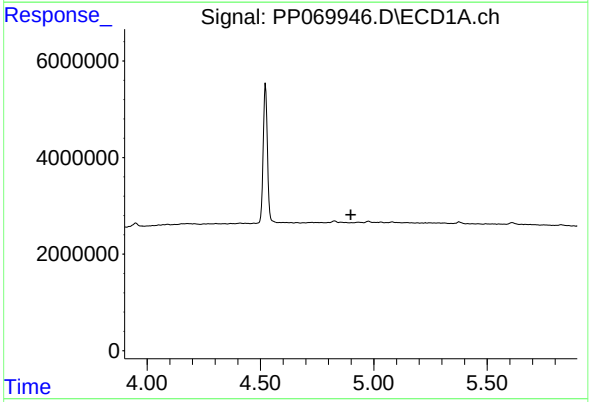
R.T.: 4.827 min
Delta R.T.: 0.004 min
Response: 503961
Conc: 36.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



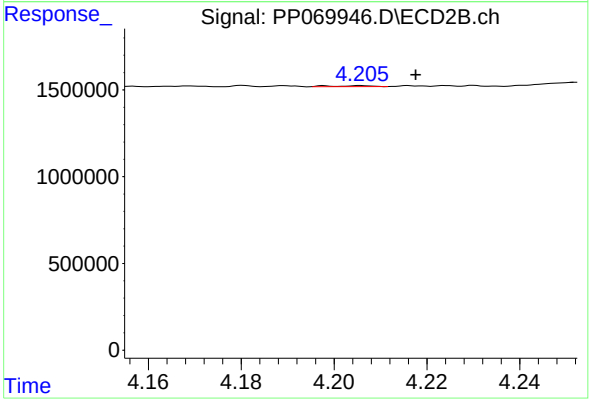
#9 AR-1221-2

R.T.: 4.134 min
Delta R.T.: -0.007 min
Response: 505887
Conc: 52.24 ng/ml



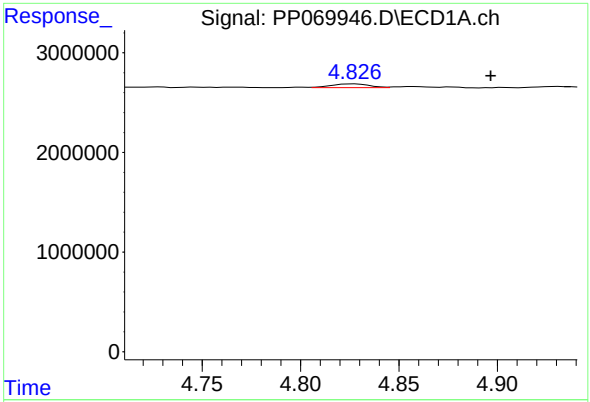
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

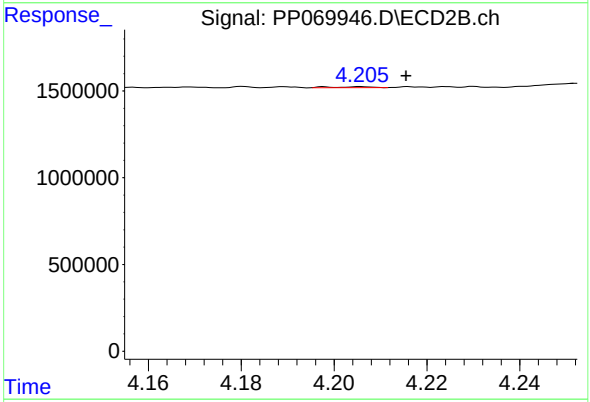
R.T.: 4.206 min
Delta R.T.: -0.012 min
Response: 32207
Conc: 1.10 ng/ml



#11 AR-1232-1

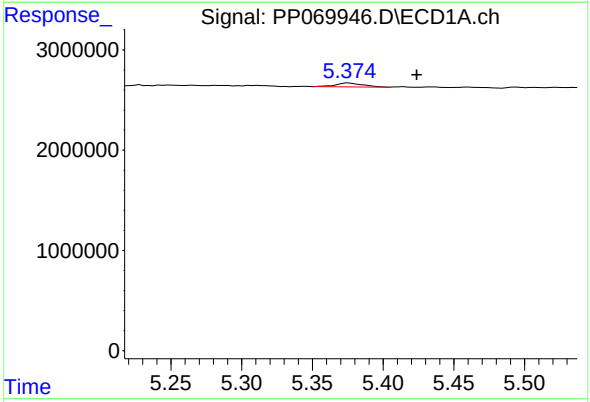
R.T.: 4.827 min
Delta R.T.: -0.069 min
Response: 503961
Conc: 15.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



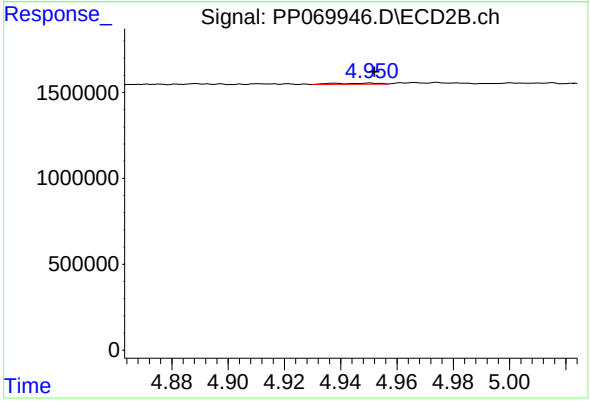
#11 AR-1232-1

R.T.: 4.206 min
Delta R.T.: -0.010 min
Response: 32207
Conc: 1.37 ng/ml



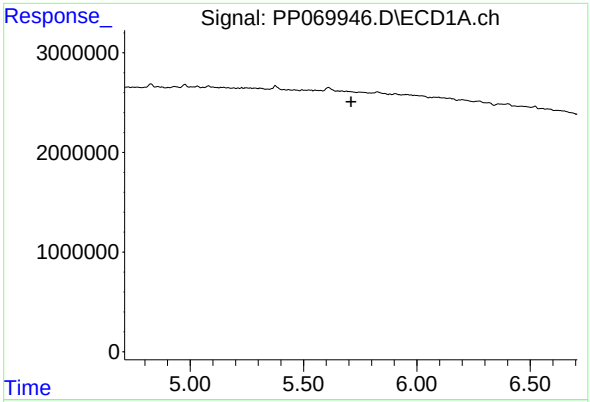
#12 AR-1232-2

R.T.: 5.376 min
Delta R.T.: -0.048 min
Response: 520714
Conc: 31.86 ng/ml



#12 AR-1232-2

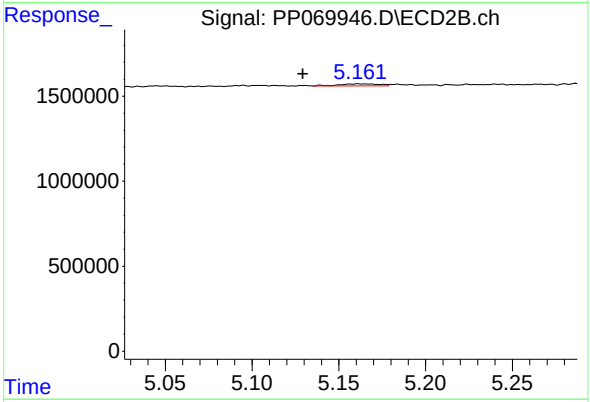
R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 70951
Conc: 3.01 ng/ml



#13 AR-1232-3

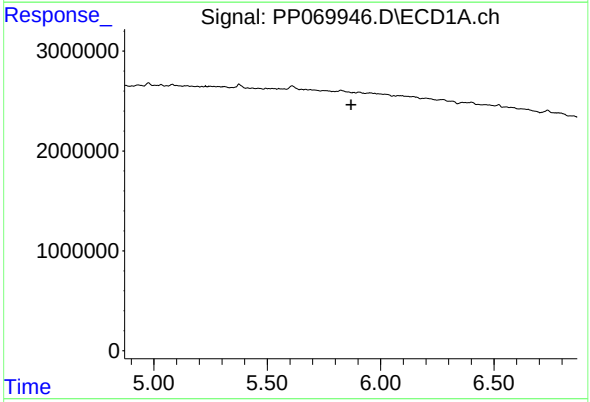
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



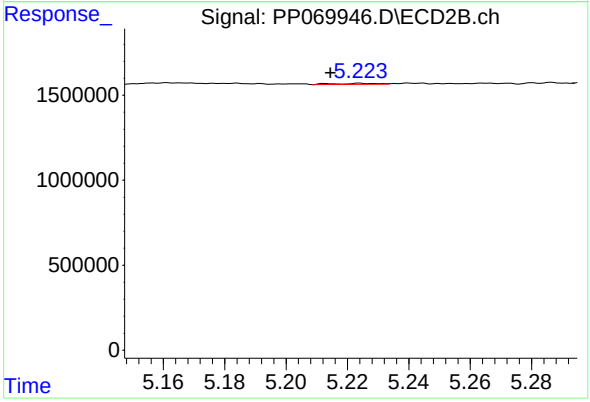
#13 AR-1232-3

R.T.: 5.162 min
Delta R.T.: 0.032 min
Response: 195225
Conc: 15.08 ng/ml



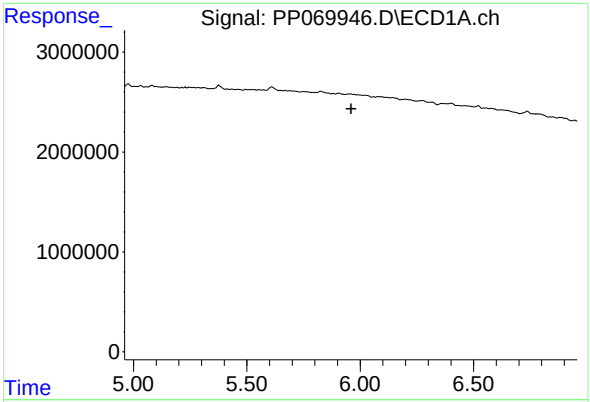
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

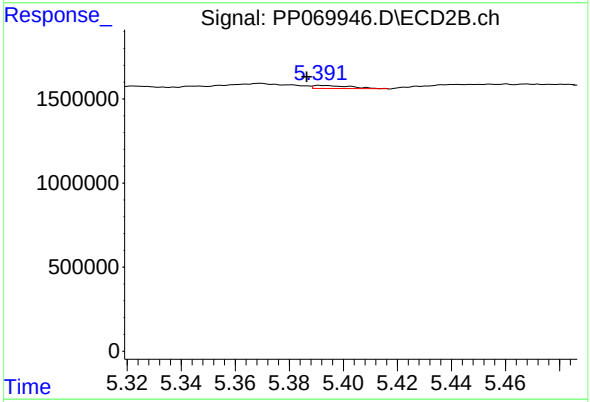
R.T.: 5.224 min
Delta R.T.: 0.010 min
Response: 57308
Conc: 5.17 ng/ml



#15 AR-1232-5

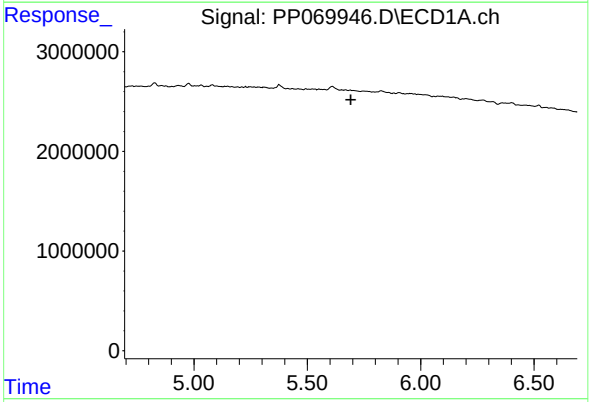
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



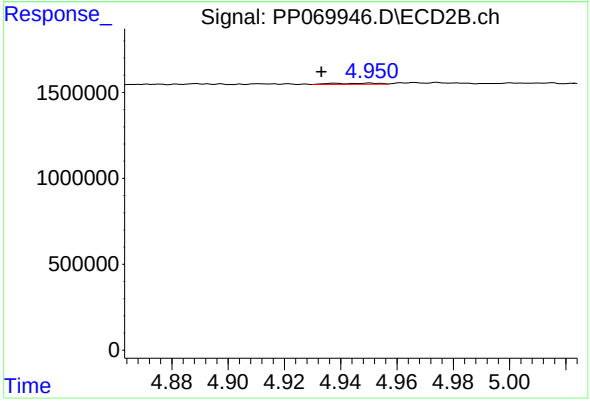
#15 AR-1232-5

R.T.: 5.392 min
Delta R.T.: 0.005 min
Response: 169586
Conc: 13.89 ng/ml



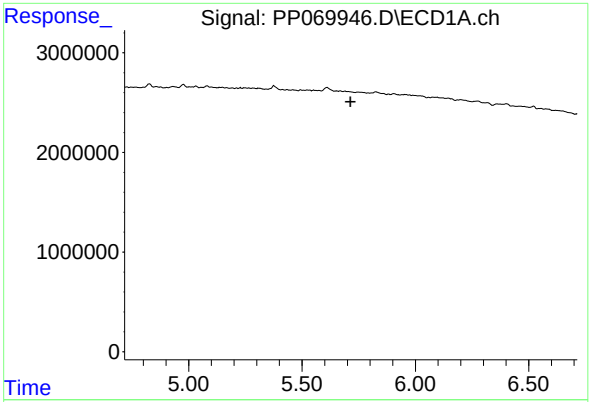
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

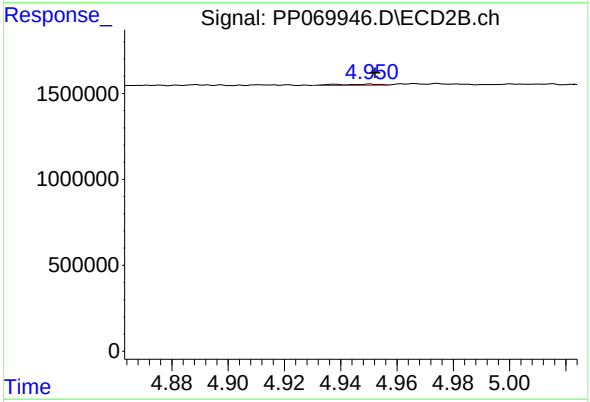
R.T.: 4.950 min
Delta R.T.: 0.017 min
Response: 70951
Conc: 2.46 ng/ml



#17 AR-1242-2

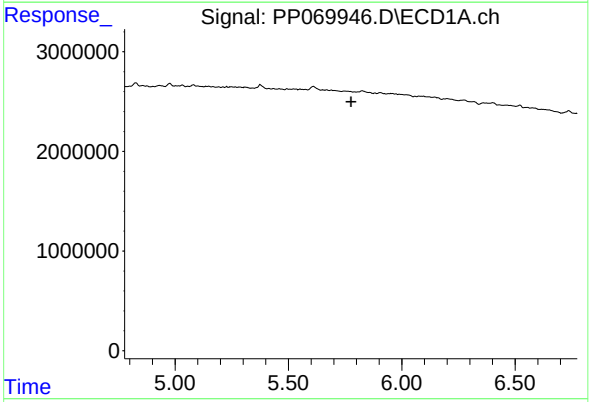
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



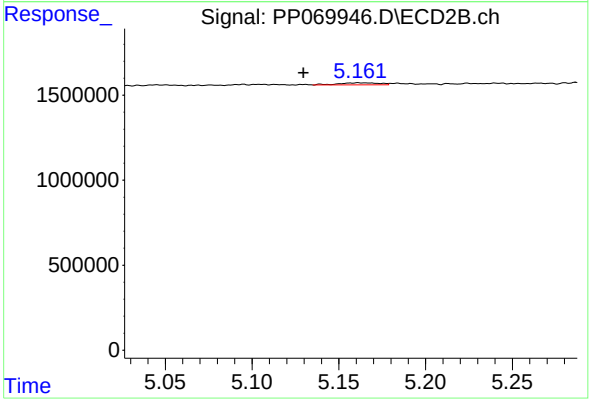
#17 AR-1242-2

R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 70951
Conc: 1.80 ng/ml



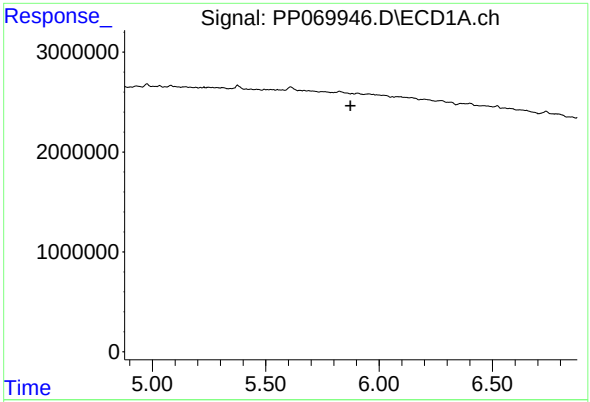
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

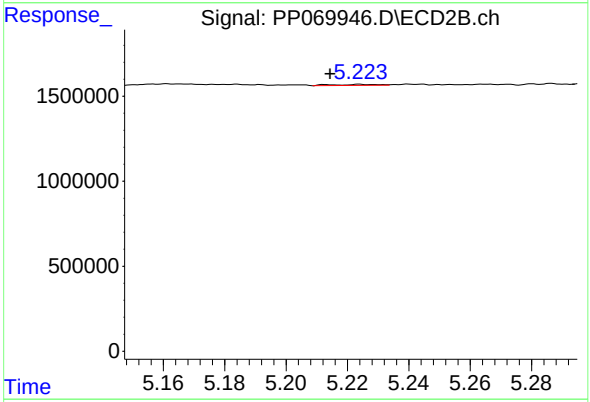
R.T.: 5.162 min
Delta R.T.: 0.032 min
Response: 195225
Conc: 8.68 ng/ml



#19 AR-1242-4

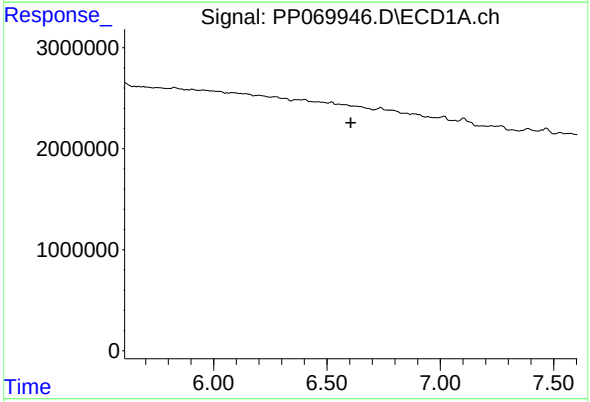
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



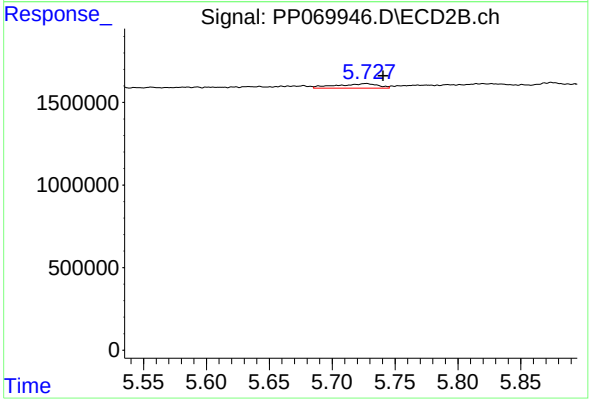
#19 AR-1242-4

R.T.: 5.224 min
Delta R.T.: 0.010 min
Response: 57308
Conc: 2.66 ng/ml



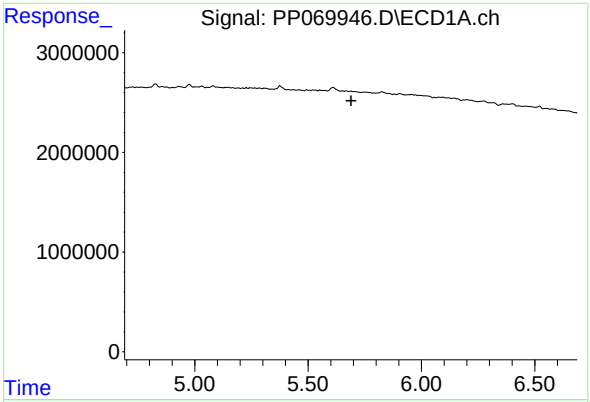
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

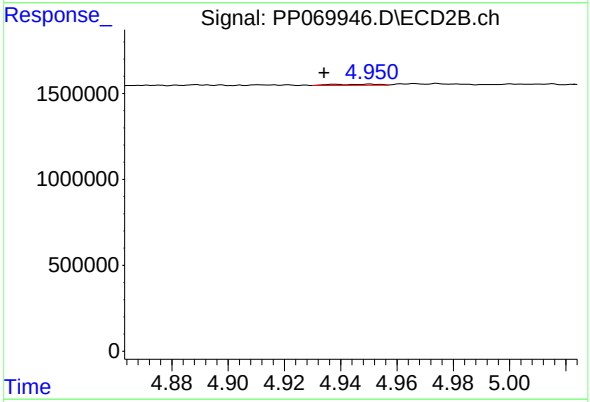
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 638279
Conc: 22.19 ng/ml



#21 AR-1248-1

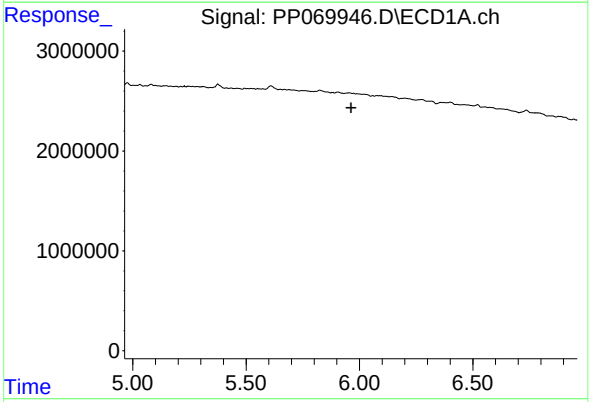
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



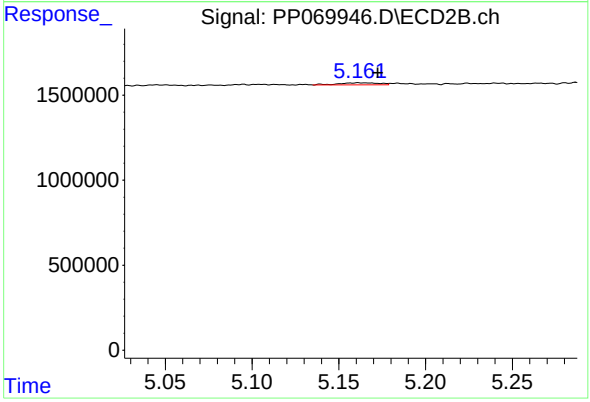
#21 AR-1248-1

R.T.: 4.950 min
Delta R.T.: 0.016 min
Response: 70951
Conc: 3.22 ng/ml



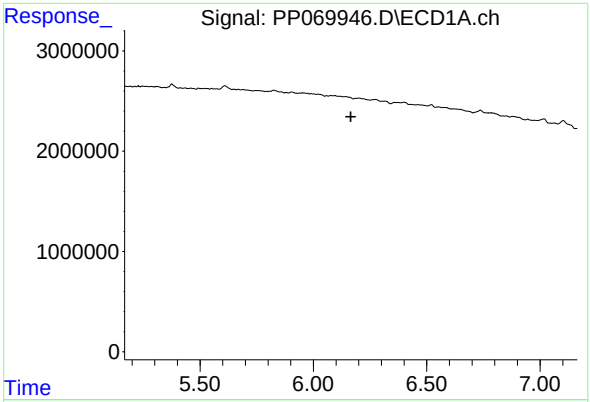
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

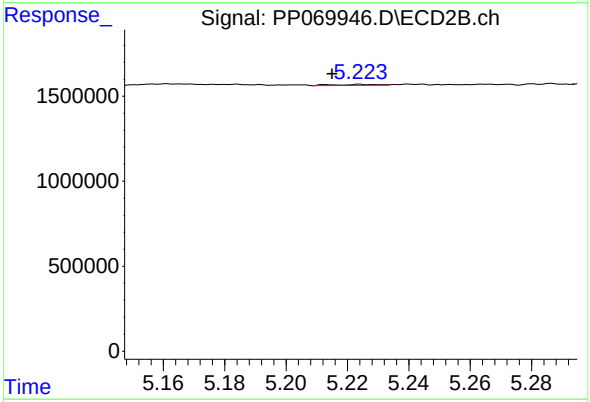
R.T.: 5.162 min
Delta R.T.: -0.011 min
Response: 195225
Conc: 6.49 ng/ml



#23 AR-1248-3

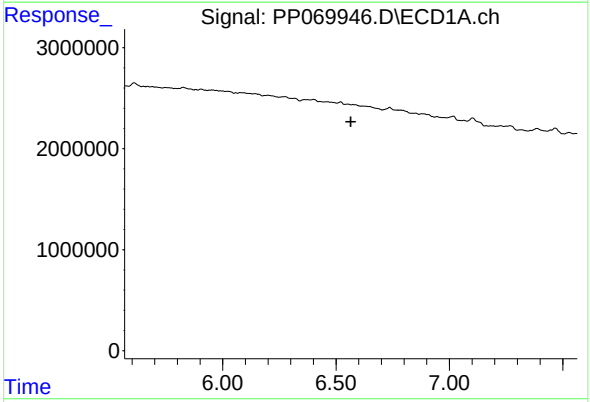
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



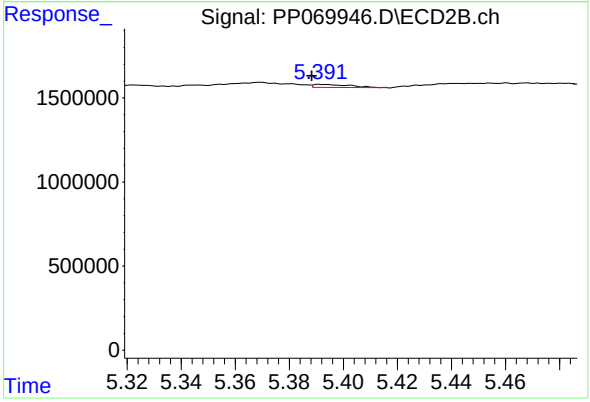
#23 AR-1248-3

R.T.: 5.224 min
Delta R.T.: 0.009 min
Response: 57308
Conc: 1.85 ng/ml



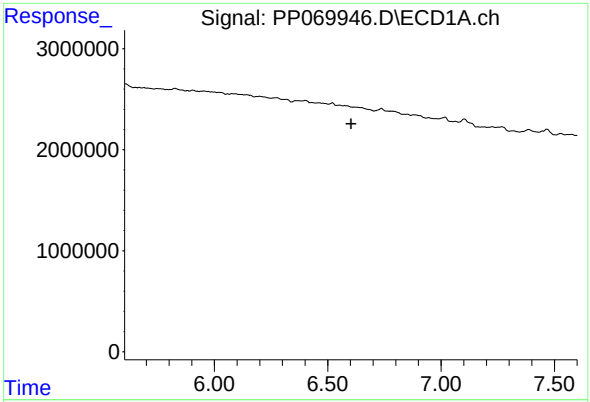
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



#24 AR-1248-4

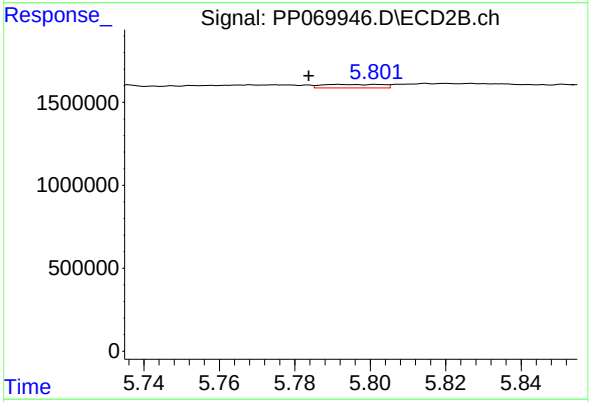
R.T.: 5.392 min
Delta R.T.: 0.004 min
Response: 169586
Conc: 4.59 ng/ml



#25 AR-1248-5

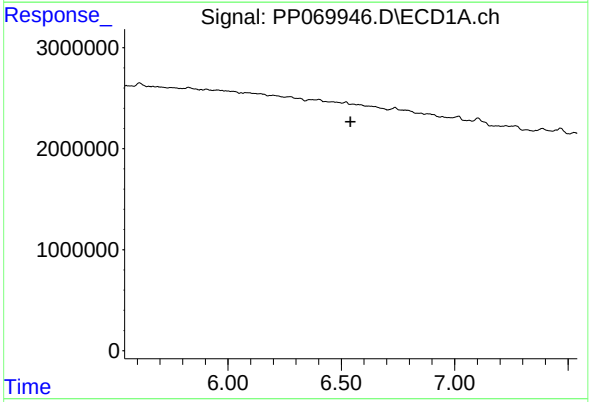
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



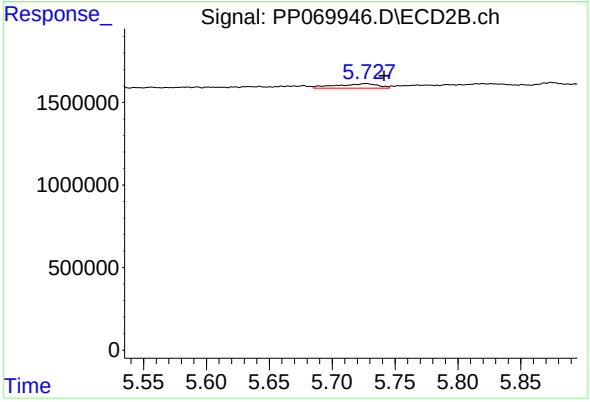
#25 AR-1248-5

R.T.: 5.792 min
Delta R.T.: 0.008 min
Response: 239043
Conc: 6.39 ng/ml



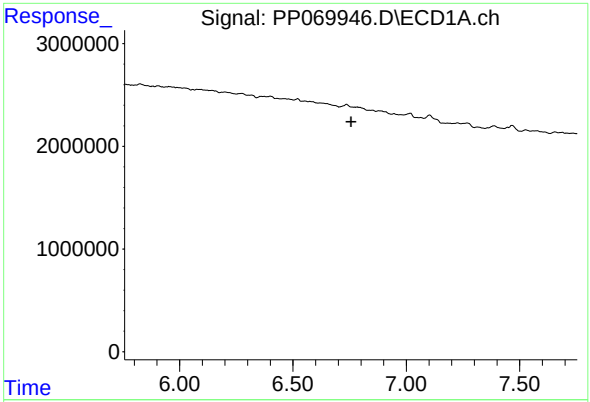
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.541 min
Response: 0
Conc: N.D.



#26 AR-1254-1

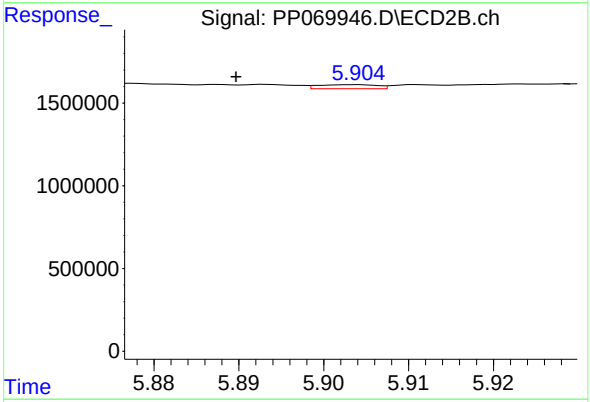
R.T.: 5.727 min
Delta R.T.: -0.014 min
Response: 638279
Conc: 11.59 ng/ml



#27 AR-1254-2

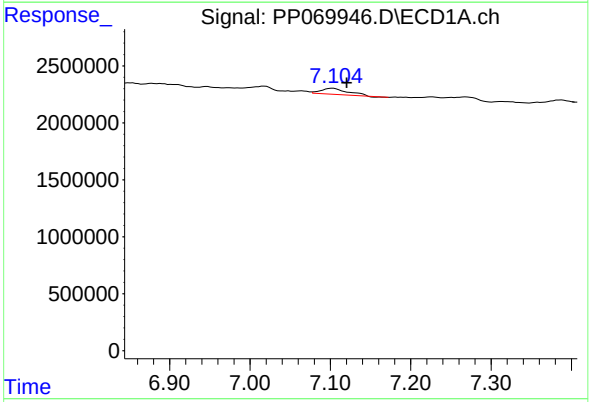
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



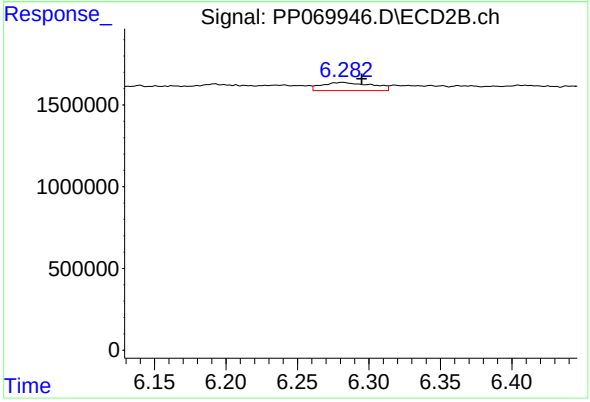
#27 AR-1254-2

R.T.: 5.903 min
Delta R.T.: 0.014 min
Response: 115998
Conc: 2.40 ng/ml



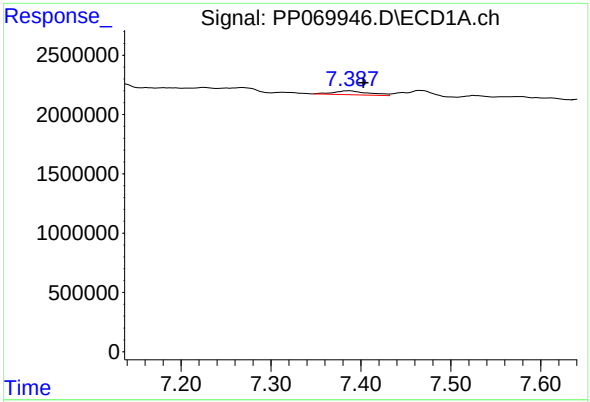
#28 AR-1254-3

R.T.: 7.103 min
Delta R.T.: -0.018 min
Response: 1242736
Conc: 14.74 ng/ml



#28 AR-1254-3

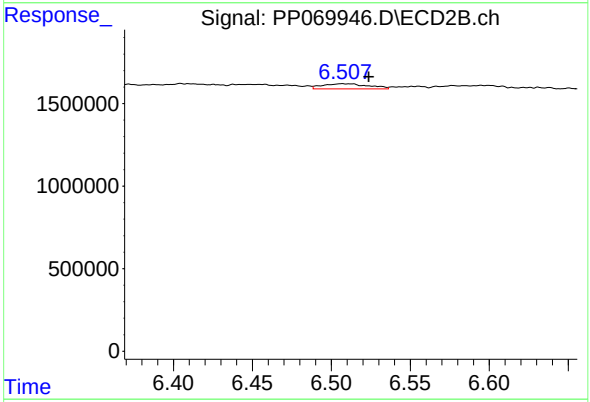
R.T.: 6.282 min
Delta R.T.: -0.013 min
Response: 1211062
Conc: 15.96 ng/ml



#29 AR-1254-4

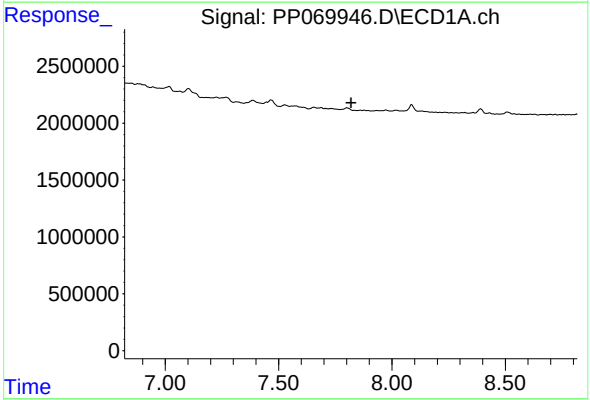
R.T.: 7.388 min
Delta R.T.: -0.014 min
Response: 895811
Conc: 13.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



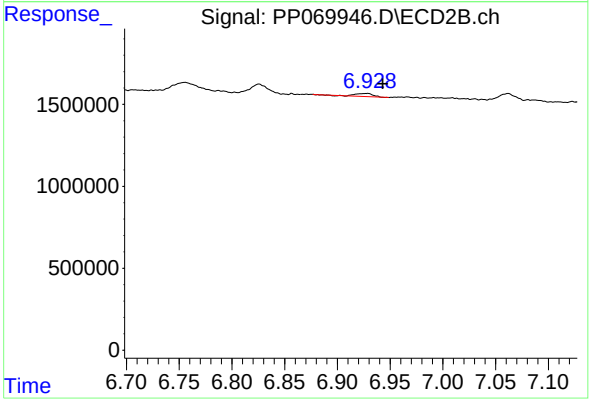
#29 AR-1254-4

R.T.: 6.507 min
Delta R.T.: -0.017 min
Response: 630349
Conc: 12.30 ng/ml



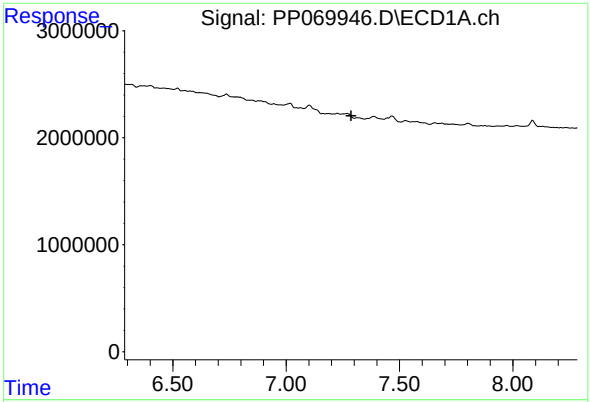
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

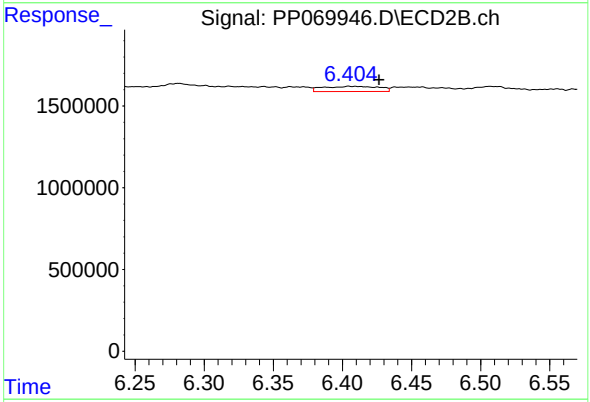
R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 222659
Conc: 3.35 ng/ml



#31 AR-1260-1

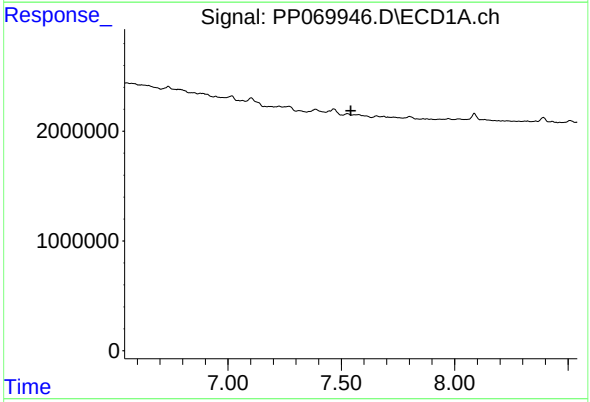
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



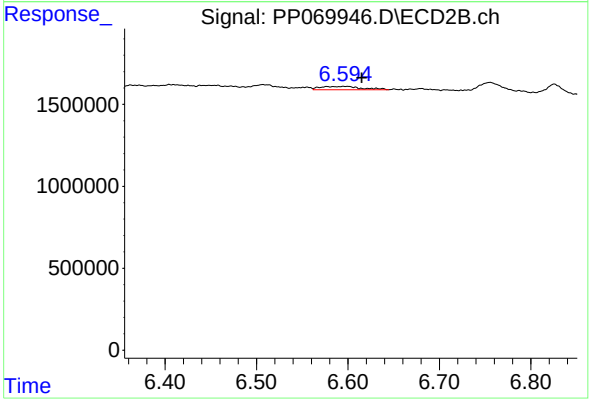
#31 AR-1260-1

R.T.: 6.405 min
Delta R.T.: -0.022 min
Response: 890956
Conc: 18.47 ng/ml



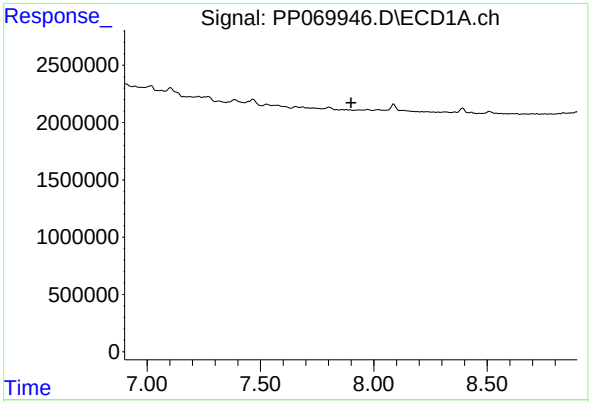
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#32 AR-1260-2

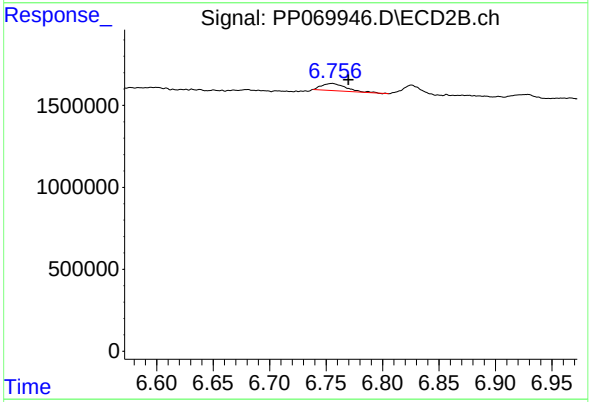
R.T.: 6.595 min
Delta R.T.: -0.020 min
Response: 629924
Conc: 10.28 ng/ml



#33 AR-1260-3

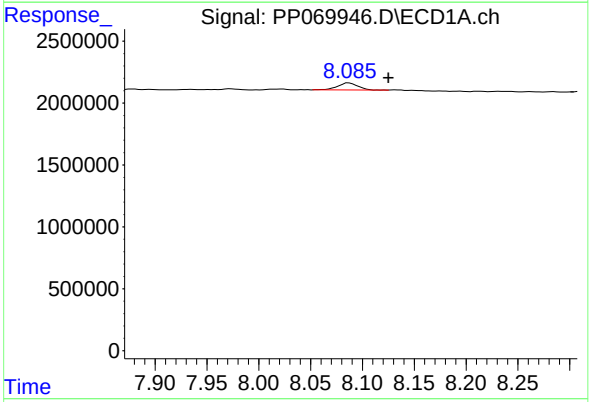
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



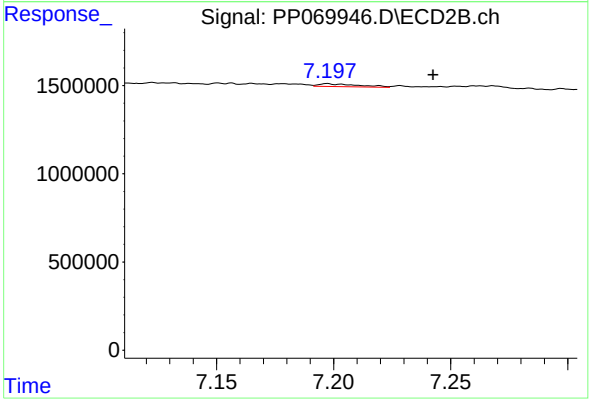
#33 AR-1260-3

R.T.: 6.755 min
Delta R.T.: -0.015 min
Response: 640733
Conc: 10.65 ng/ml



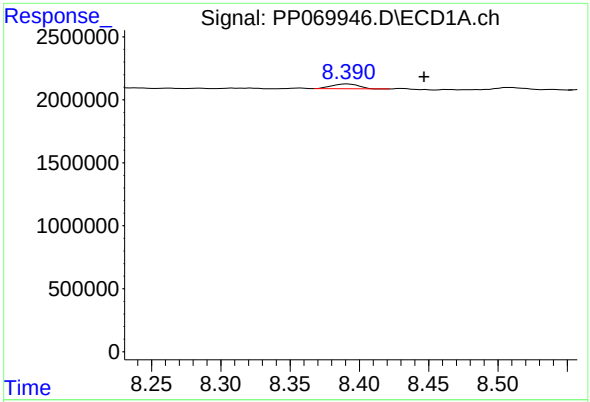
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: -0.038 min
Response: 763964
Conc: 11.58 ng/ml



#34 AR-1260-4

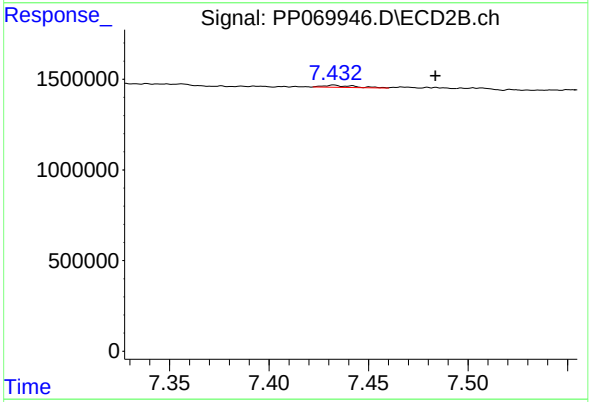
R.T.: 7.197 min
Delta R.T.: -0.045 min
Response: 188332
Conc: 4.05 ng/ml



#35 AR-1260-5

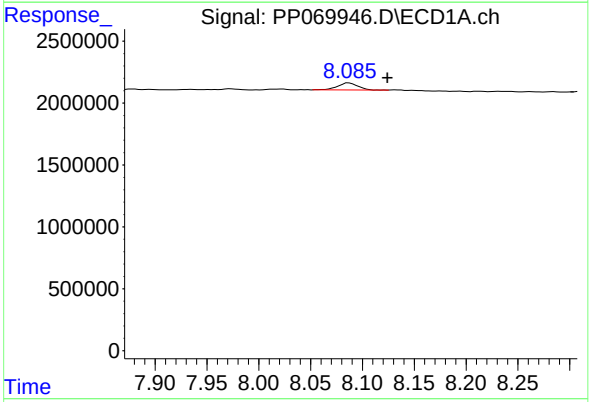
R.T.: 8.392 min
Delta R.T.: -0.055 min
Response: 513254
Conc: 3.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



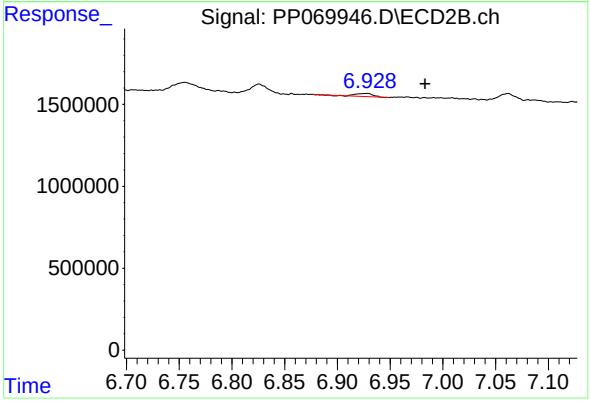
#35 AR-1260-5

R.T.: 7.432 min
Delta R.T.: -0.051 min
Response: 126135
Conc: 1.13 ng/ml



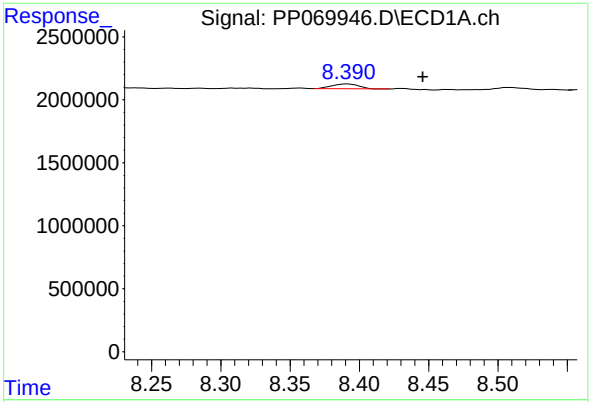
#36 AR-1262-1

R.T.: 8.087 min
Delta R.T.: -0.037 min
Response: 763964
Conc: 9.67 ng/ml



#36 AR-1262-1

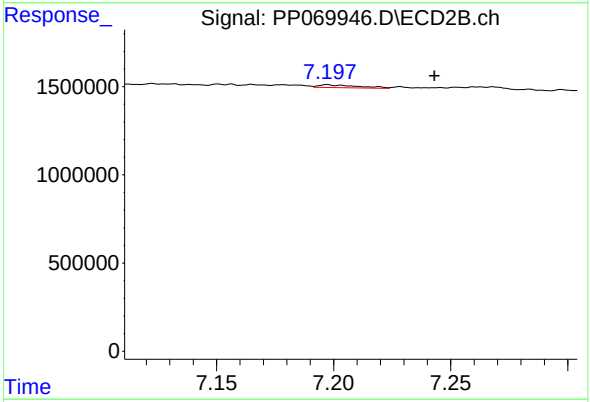
R.T.: 6.928 min
Delta R.T.: -0.055 min
Response: 222659
Conc: 3.14 ng/ml



#37 AR-1262-2

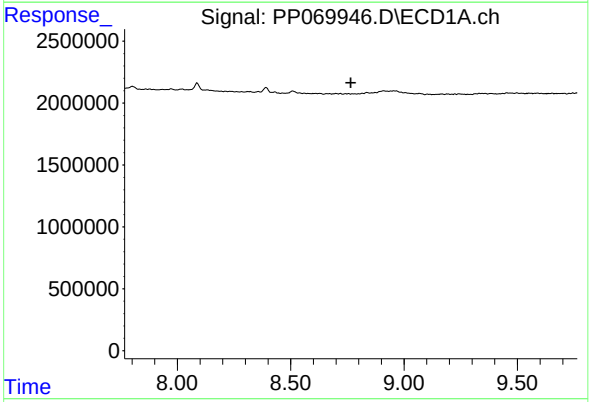
R.T.: 8.392 min
Delta R.T.: -0.054 min
Response: 513254
Conc: 3.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



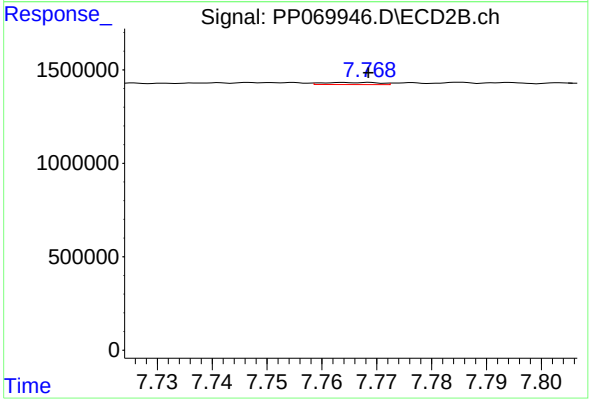
#37 AR-1262-2

R.T.: 7.197 min
Delta R.T.: -0.046 min
Response: 188332
Conc: 3.09 ng/ml



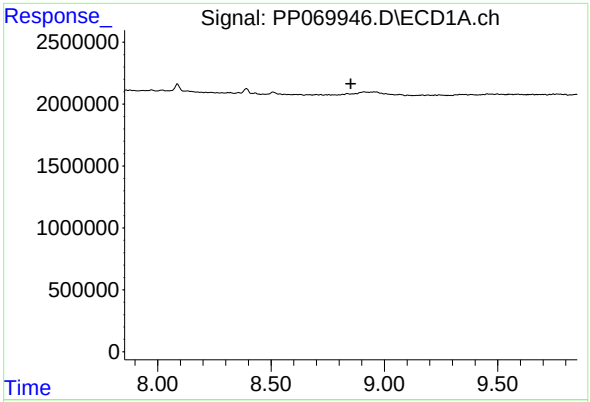
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

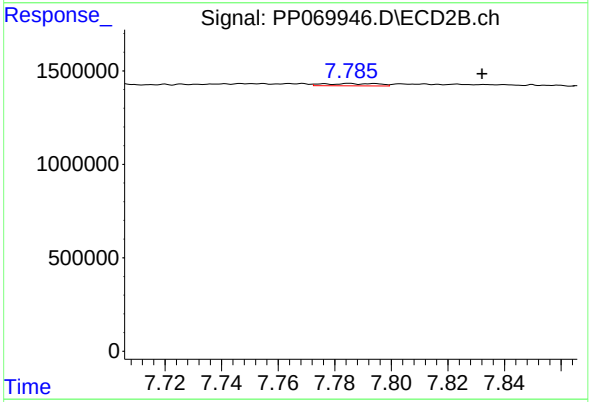
R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 76578
Conc: 1.46 ng/ml



#39 AR-1262-4

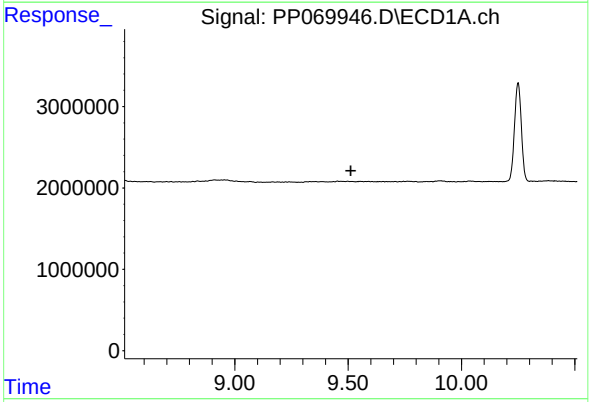
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



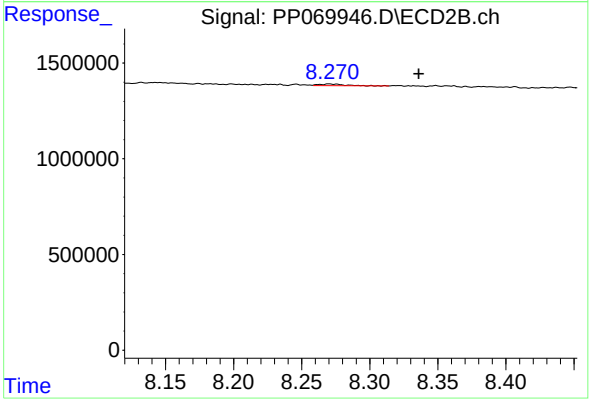
#39 AR-1262-4

R.T.: 7.785 min
Delta R.T.: -0.047 min
Response: 158338
Conc: 1.71 ng/ml



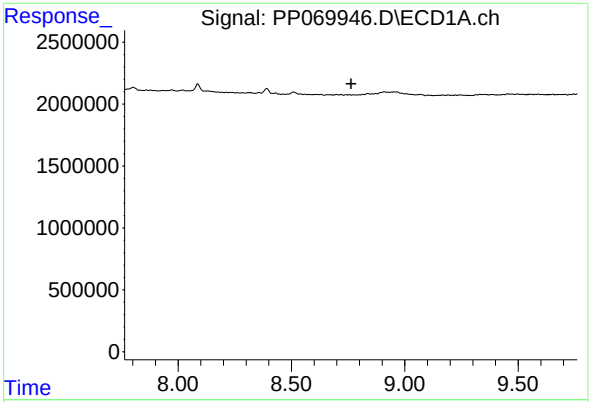
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

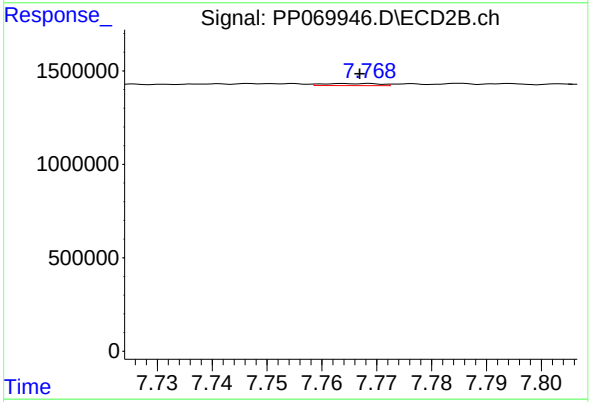
R.T.: 8.270 min
Delta R.T.: -0.066 min
Response: 108730
Conc: 2.28 ng/ml



#41 AR-1268-1

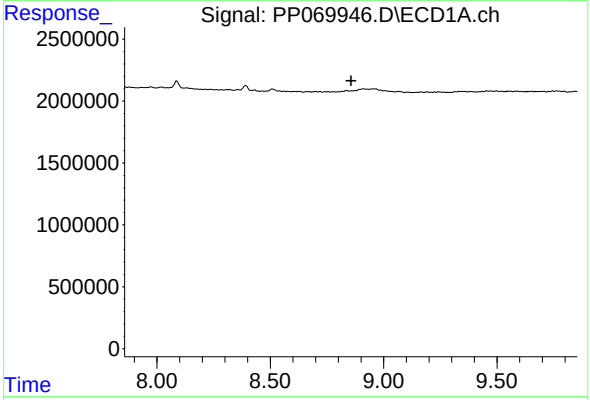
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



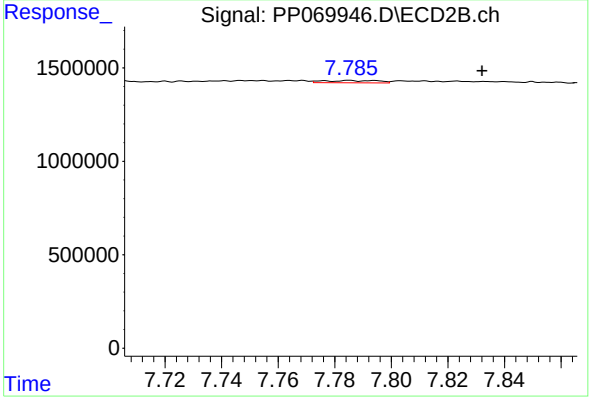
#41 AR-1268-1

R.T.: 7.768 min
Delta R.T.: 0.001 min
Response: 76578
Conc: 0.53 ng/ml



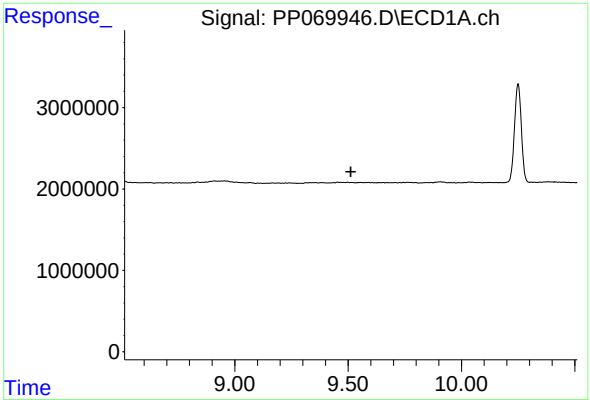
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

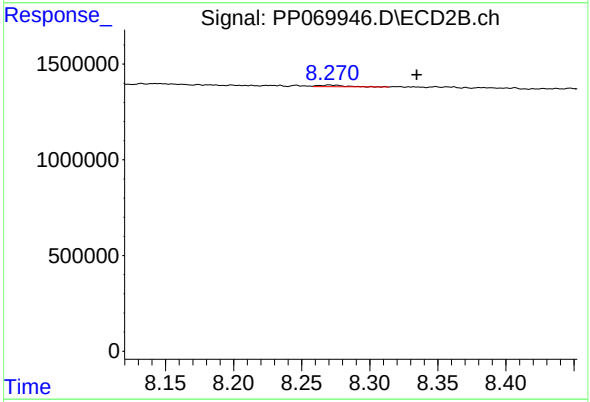
R.T.: 7.785 min
Delta R.T.: -0.047 min
Response: 158338
Conc: 1.19 ng/ml



#44 AR-1268-4

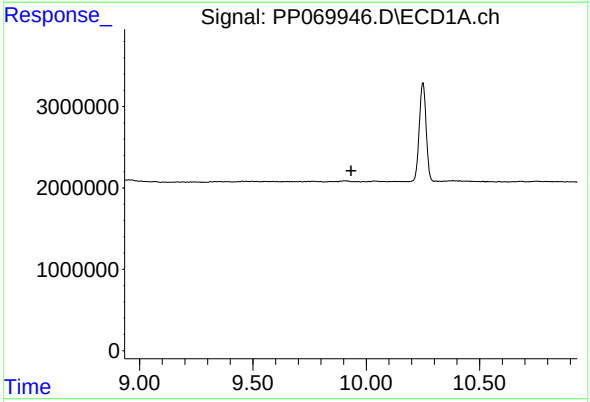
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-16-021725



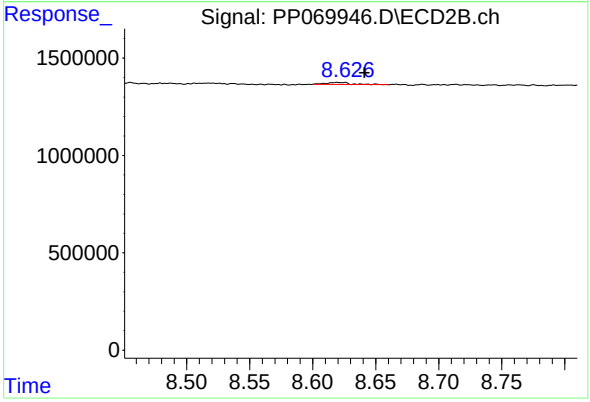
#44 AR-1268-4

R.T.: 8.270 min
Delta R.T.: -0.064 min
Response: 108730
Conc: 2.09 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.619 min
Delta R.T.: -0.022 min
Response: 148056
Conc: 0.42 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:02:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.525	3.829	79005342	44959112	55.191	50.372	
2)	SA Decachlor...	10.250	8.886	59944075	56215659	54.849	50.261	
	Target Compounds							
3)	L1 AR-1016-1	5.699	4.938	37437147	21641423	808.002	663.541	
4)	L1 AR-1016-2	5.699	4.938	37437147	21641423	551.542	481.365	
5)	L1 AR-1016-3	5.762	5.115	22802224	12909023	535.306	518.768	
6)	L1 AR-1016-4	5.859	5.157	19281965	9497952	550.906	470.282	
7)	L1 AR-1016-5	6.152	5.372	16141594	16084008	488.273	599.615	
8)	L2 AR-1221-1	4.723	4.039	2487637	1830002	130.794	148.563	
9)	L2 AR-1221-2	4.812	4.127	3976404	2726914	290.407	281.608	
10)	L2 AR-1221-3	4.887	4.204	13478893	9734452	321.359	333.667	
11)	L3 AR-1232-1	4.887	4.204	13478893	9734452	404.849	414.594	
12)	L3 AR-1232-2	5.413	4.938	18076404	21641423	1106.131	918.108	
13)	L3 AR-1232-3	5.699	5.115	37437147	12909023	1089.589	997.048	
14)	L3 AR-1232-4	5.859	5.199	19281965	12382974	1082.272	1116.961	
15)	L3 AR-1232-5	5.949	5.372	16193745	16084008	1412.769	1317.247	
16)	L4 AR-1242-1	5.699	4.938	37437147	21641423	897.660	750.604	
17)	L4 AR-1242-2	5.699	4.938	37437147	21641423	634.625	549.306	
18)	L4 AR-1242-3	5.762	5.115	22802224	12909023	614.638	573.630	
19)	L4 AR-1242-4	5.859	5.199	19281965	12382974	587.960	573.758	
20)	L4 AR-1242-5	6.590	5.725	9843954	13964145	302.107	485.399	#
21)	L5 AR-1248-1	5.699	4.938	37437147	21641423	1154.076	983.229	
22)	L5 AR-1248-2	5.949	5.157	16193745	9497952	381.510	315.918	
23)	L5 AR-1248-3	6.152	5.231	16141594	4297947	343.532	138.714	#
24)	L5 AR-1248-4	6.549	5.372	7300692	16084008	132.448	435.365	#
25)	L5 AR-1248-5	6.590	5.766	9843954	3925985	184.400	105.003	#
26)	L6 AR-1254-1	6.549	5.725	7300692	13964145	126.170	253.636	#
27)	L6 AR-1254-2	6.743	5.873	18496470	10858938	230.509	224.503	
28)	L6 AR-1254-3	7.105	6.294	11769519	26238796	139.634	345.720	#
29)	L6 AR-1254-4	7.390	6.537	9642351	6925622	141.409	135.135	
30)	L6 AR-1254-5	7.835	6.925	5530261	33179053	81.272	498.480	#
31)	L7 AR-1260-1	7.271	6.410	35076653	26307573	600.255	545.466	
32)	L7 AR-1260-2	7.525	6.598	42714191	33435044	548.935	545.400	
33)	L7 AR-1260-3	7.883	6.752	34879740	16451088	557.904	273.472	#
34)	L7 AR-1260-4	8.108	7.225	34238610	25100406	518.950	540.169	
35)	L7 AR-1260-5	8.428	7.465	69053683	61593431	527.426	554.171	
36)	L8 AR-1262-1	8.108	6.964	34238610	30015981	433.300	422.682	
37)	L8 AR-1262-2	8.428	7.225	69053683	25100406	451.558	411.621	
38)	L8 AR-1262-3	8.752	7.749	44460851	16210038	418.338	309.948	#
39)	L8 AR-1262-4	8.831	7.812	28921730	43810489	353.597	473.952	#
40)	L8 AR-1262-5	9.488	8.315	21132985	18106006	373.307	378.848	
41)	L9 AR-1268-1	8.752	7.749	44460851	16210038	251.791	111.699	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:02:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.831	7.812	28921730	43810489	183.780	329.860 #
43) L9	AR-1268-3	9.070	8.021	1133138	956731	8.473	8.412
44) L9	AR-1268-4	9.488	8.315	21132985	18106006	359.889	347.671
45) L9	AR-1268-5	9.907	8.619	5785192	4389683	15.188	12.324

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

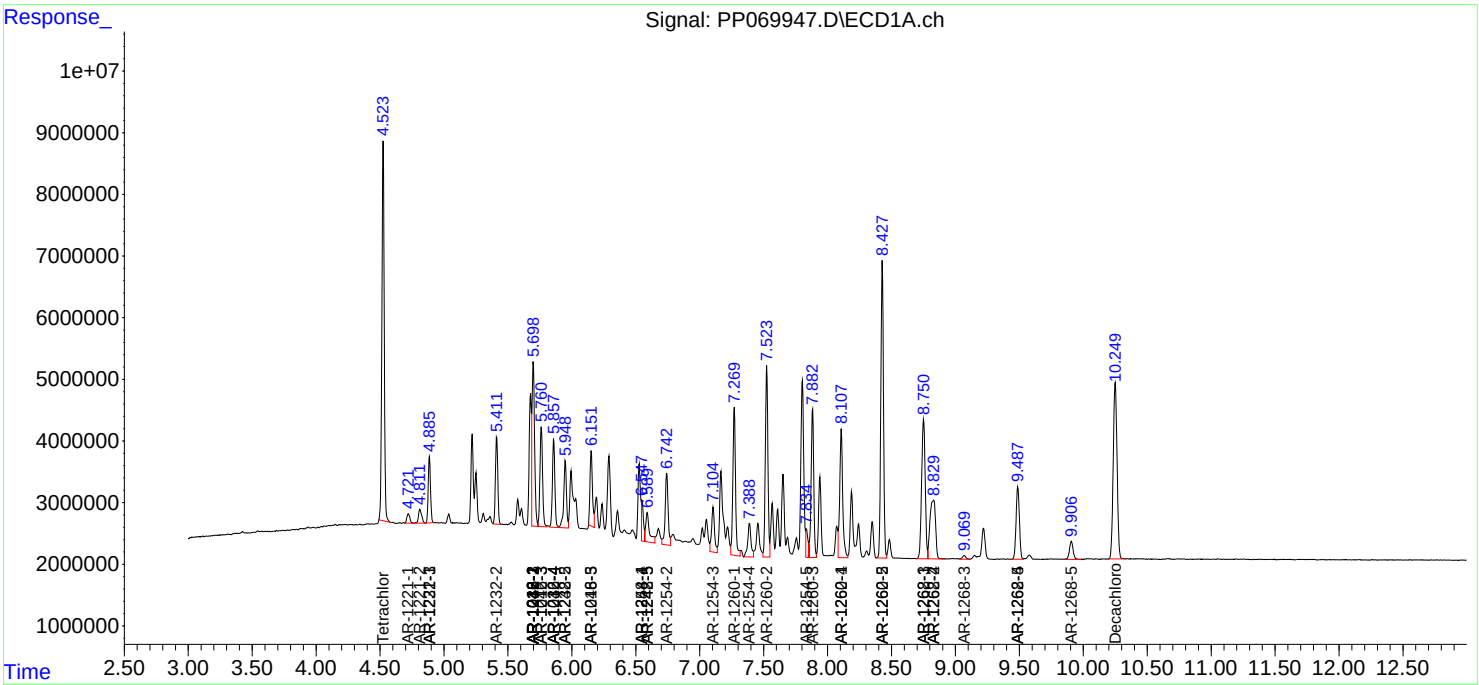
Quantitation Report (Not Reviewed)

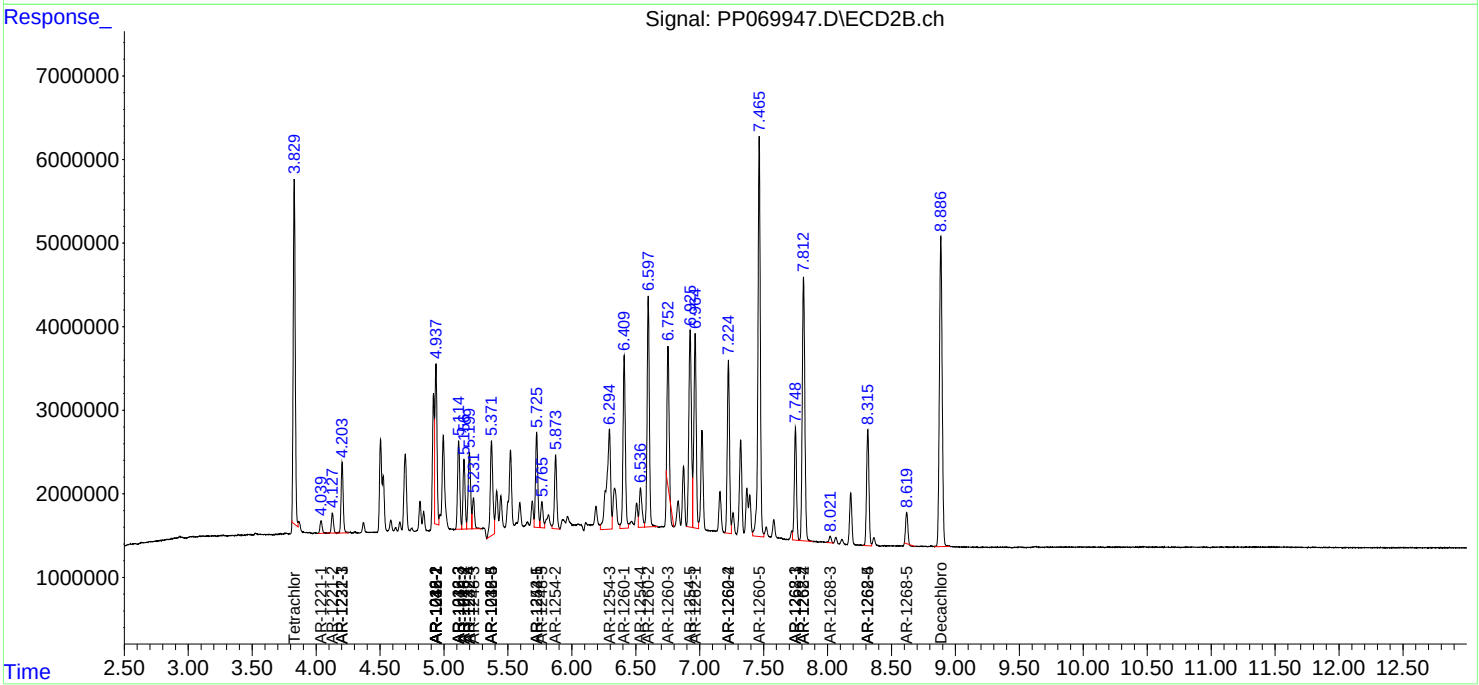
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 01:53
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

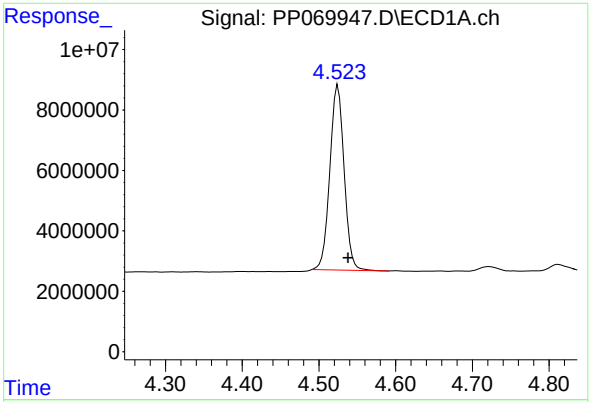
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:02:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



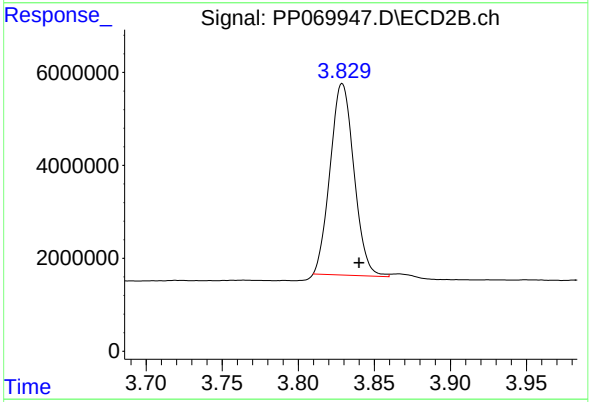




#1 Tetrachloro-m-xylene

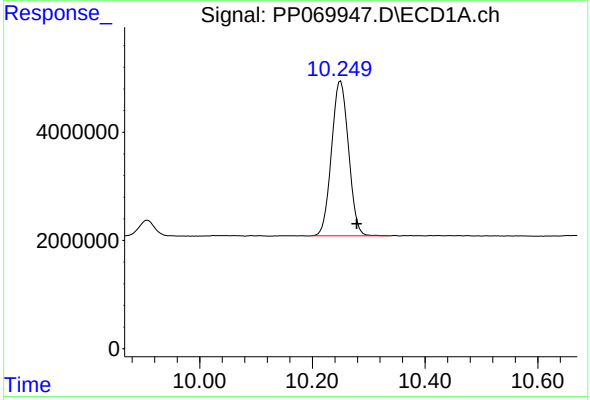
R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 79005342
Conc: 55.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



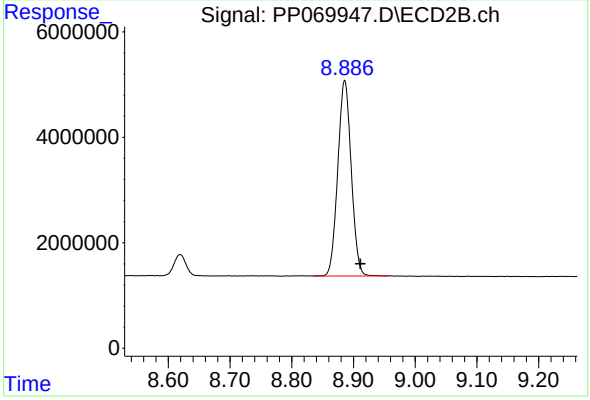
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 44959112
Conc: 50.37 ng/ml



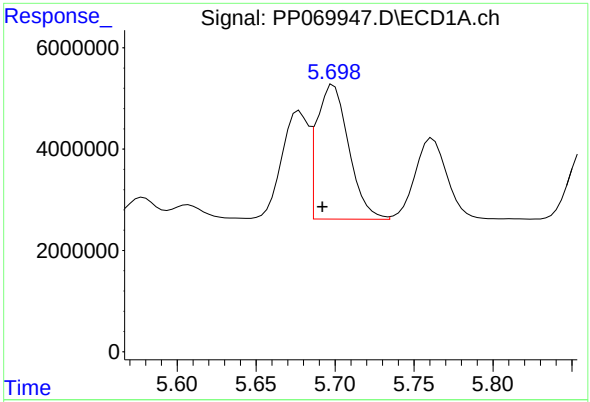
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.028 min
Response: 59944075
Conc: 54.85 ng/ml



#2 Decachlorobiphenyl

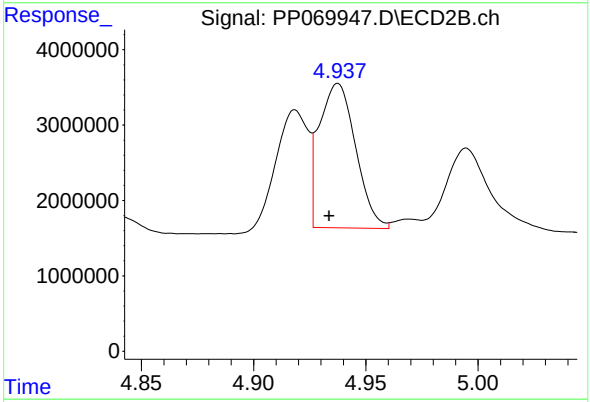
R.T.: 8.886 min
Delta R.T.: -0.025 min
Response: 56215659
Conc: 50.26 ng/ml



#3 AR-1016-1

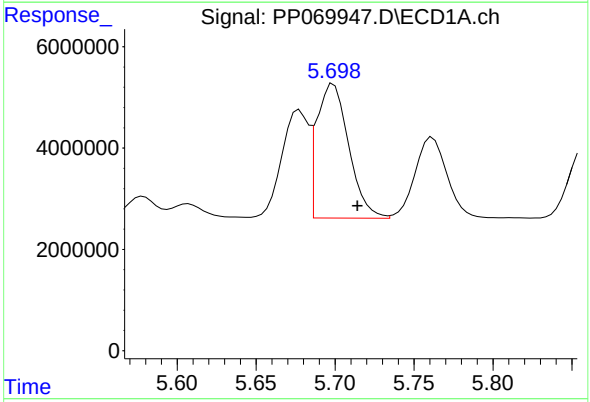
R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 37437147
Conc: 808.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



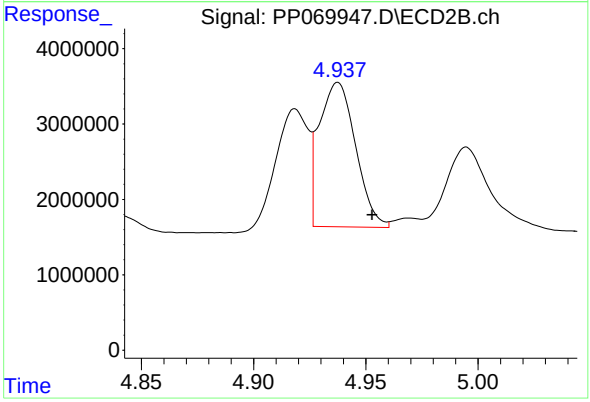
#3 AR-1016-1

R.T.: 4.938 min
Delta R.T.: 0.004 min
Response: 21641423
Conc: 663.54 ng/ml



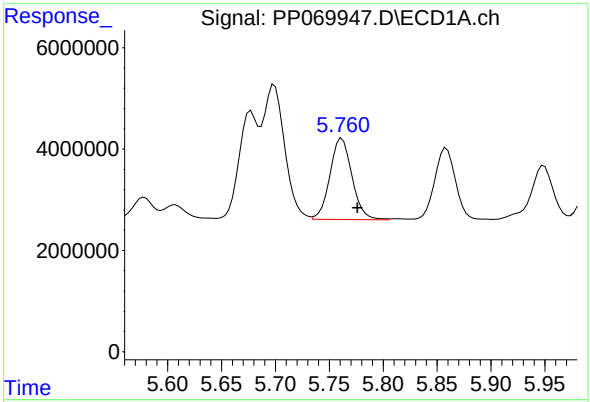
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 37437147
Conc: 551.54 ng/ml



#4 AR-1016-2

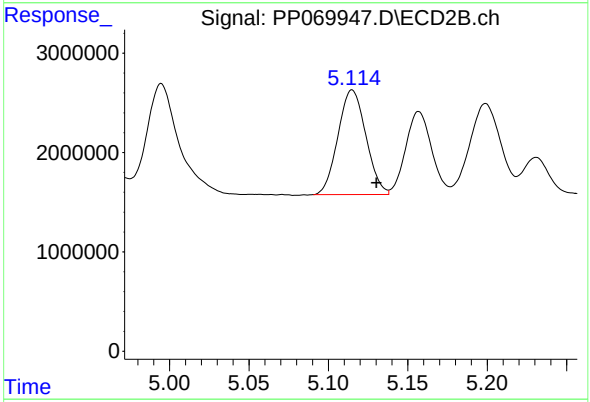
R.T.: 4.938 min
Delta R.T.: -0.015 min
Response: 21641423
Conc: 481.37 ng/ml



#5 AR-1016-3

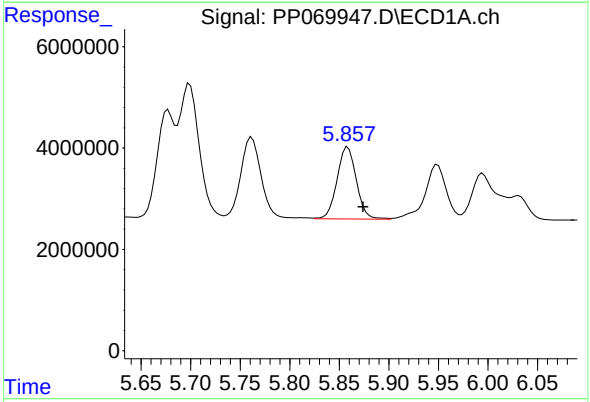
R.T.: 5.762 min
Delta R.T.: -0.014 min
Response: 22802224
Conc: 535.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



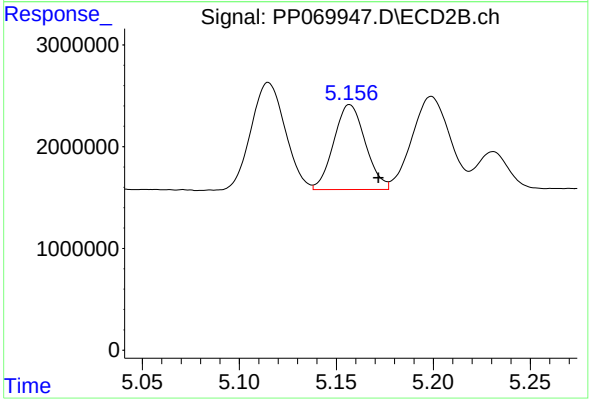
#5 AR-1016-3

R.T.: 5.115 min
Delta R.T.: -0.015 min
Response: 12909023
Conc: 518.77 ng/ml



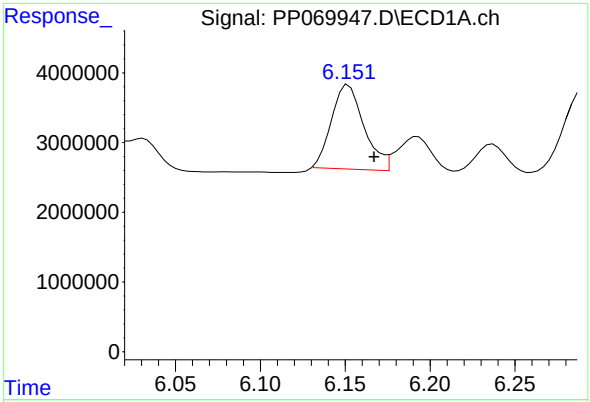
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 19281965
Conc: 550.91 ng/ml



#6 AR-1016-4

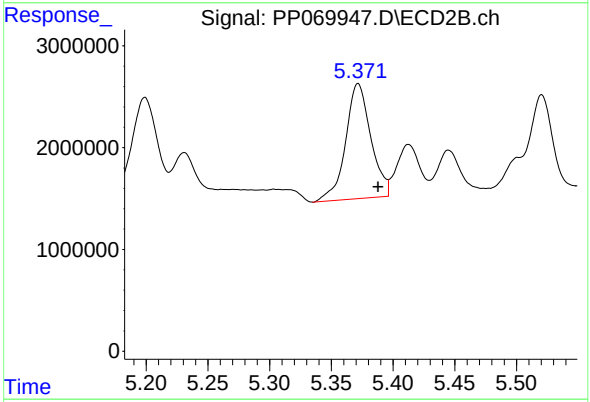
R.T.: 5.157 min
Delta R.T.: -0.015 min
Response: 9497952
Conc: 470.28 ng/ml



#7 AR-1016-5

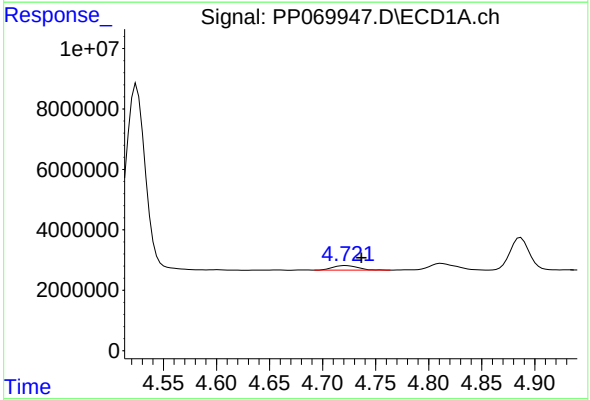
R.T.: 6.152 min
Delta R.T.: -0.015 min
Response: 16141594
Conc: 488.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



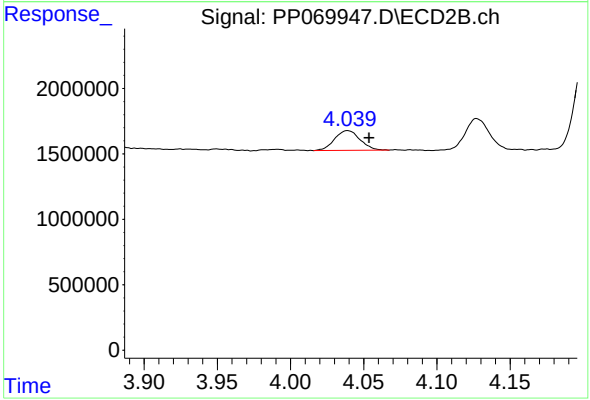
#7 AR-1016-5

R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 16084008
Conc: 599.61 ng/ml



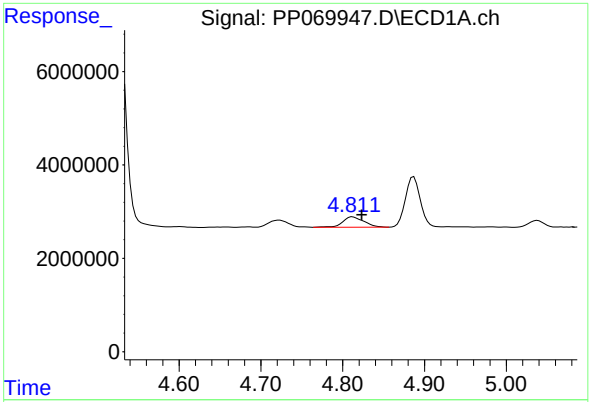
#8 AR-1221-1

R.T.: 4.723 min
Delta R.T.: -0.014 min
Response: 2487637
Conc: 130.79 ng/ml



#8 AR-1221-1

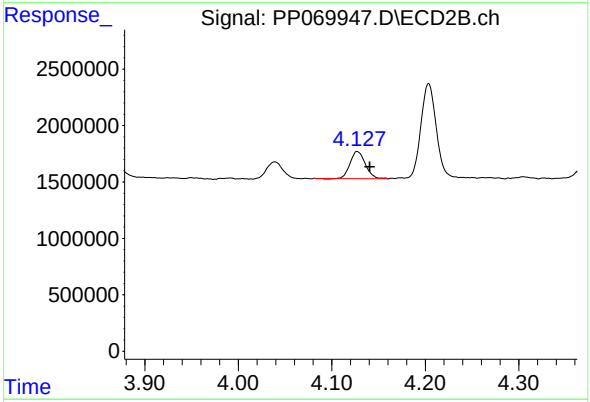
R.T.: 4.039 min
Delta R.T.: -0.014 min
Response: 1830002
Conc: 148.56 ng/ml



#9 AR-1221-2

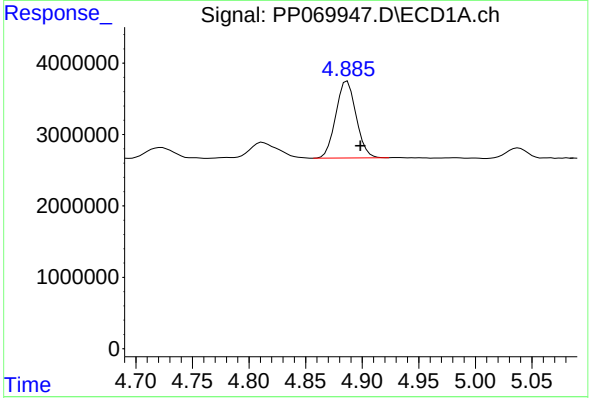
R.T.: 4.812 min
Delta R.T.: -0.011 min
Response: 3976404
Conc: 290.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



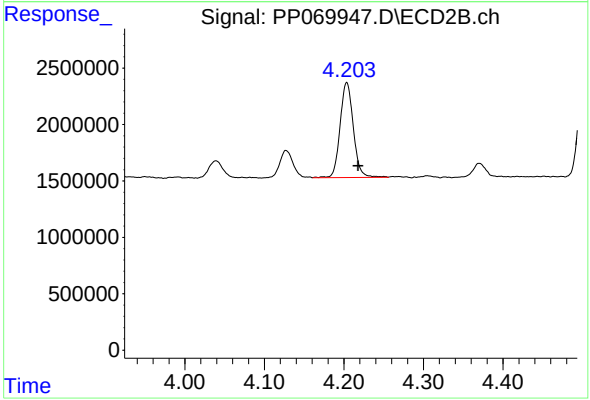
#9 AR-1221-2

R.T.: 4.127 min
Delta R.T.: -0.013 min
Response: 2726914
Conc: 281.61 ng/ml



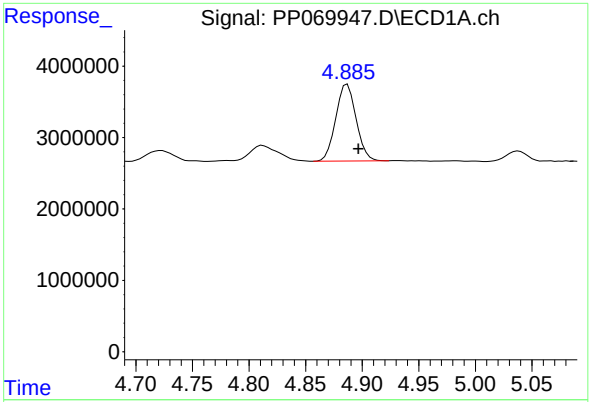
#10 AR-1221-3

R.T.: 4.887 min
Delta R.T.: -0.012 min
Response: 13478893
Conc: 321.36 ng/ml



#10 AR-1221-3

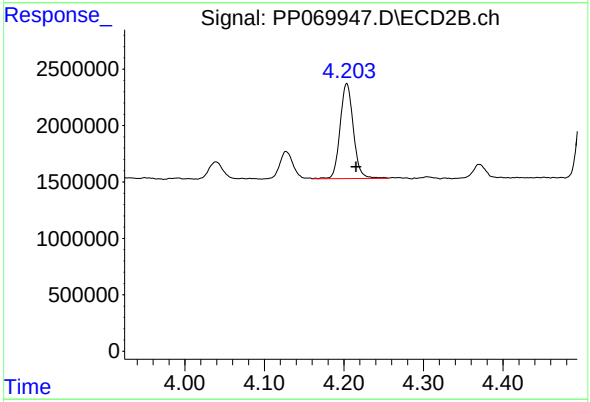
R.T.: 4.204 min
Delta R.T.: -0.014 min
Response: 9734452
Conc: 333.67 ng/ml



#11 AR-1232-1

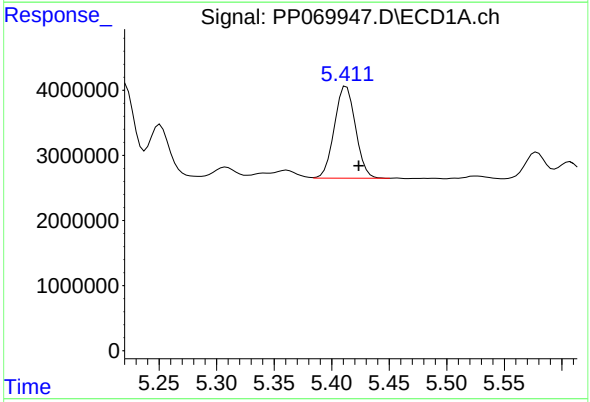
R.T.: 4.887 min
Delta R.T.: -0.010 min
Response: 13478893
Conc: 404.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



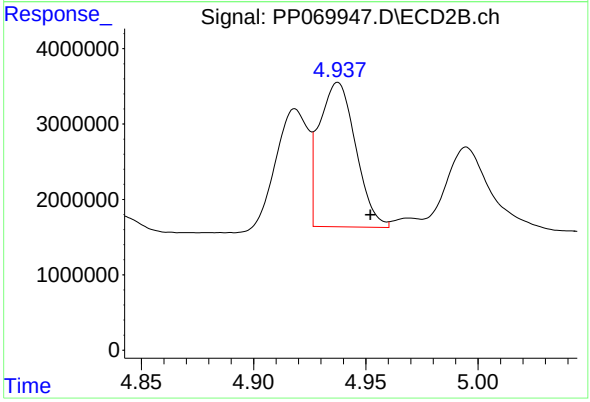
#11 AR-1232-1

R.T.: 4.204 min
Delta R.T.: -0.012 min
Response: 9734452
Conc: 414.59 ng/ml



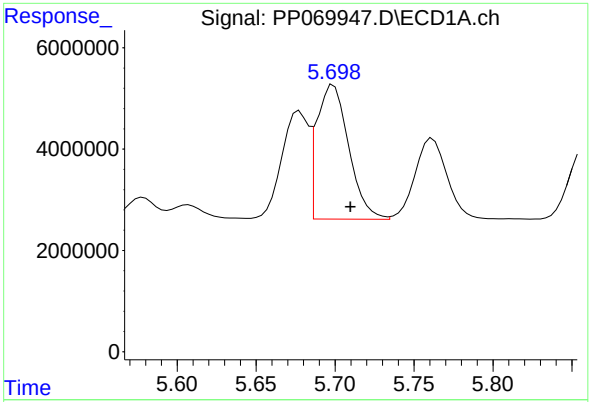
#12 AR-1232-2

R.T.: 5.413 min
Delta R.T.: -0.011 min
Response: 18076404
Conc: 1106.13 ng/ml



#12 AR-1232-2

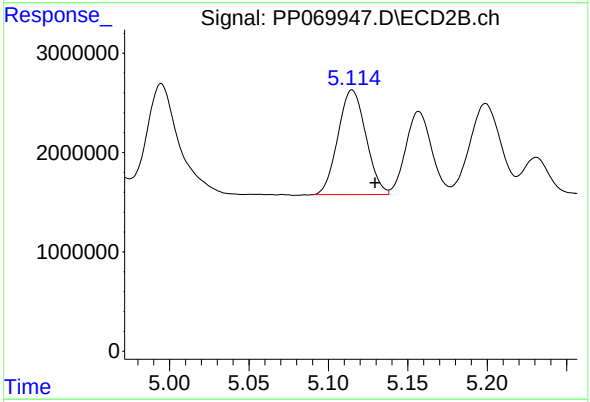
R.T.: 4.938 min
Delta R.T.: -0.014 min
Response: 21641423
Conc: 918.11 ng/ml



#13 AR-1232-3

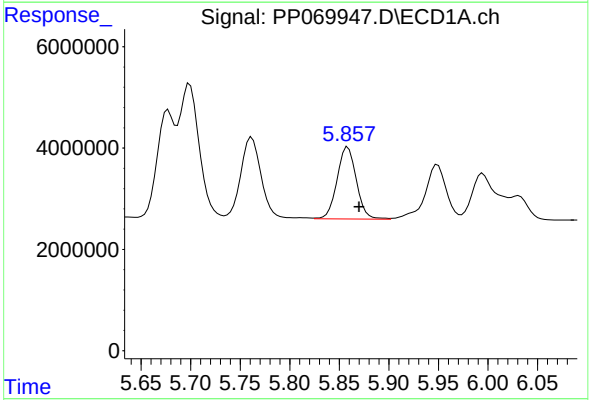
R.T.: 5.699 min
Delta R.T.: -0.011 min
Response: 37437147
Conc: 1089.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



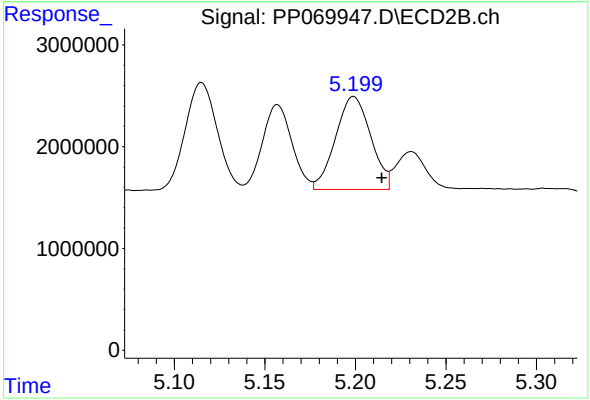
#13 AR-1232-3

R.T.: 5.115 min
Delta R.T.: -0.014 min
Response: 12909023
Conc: 997.05 ng/ml



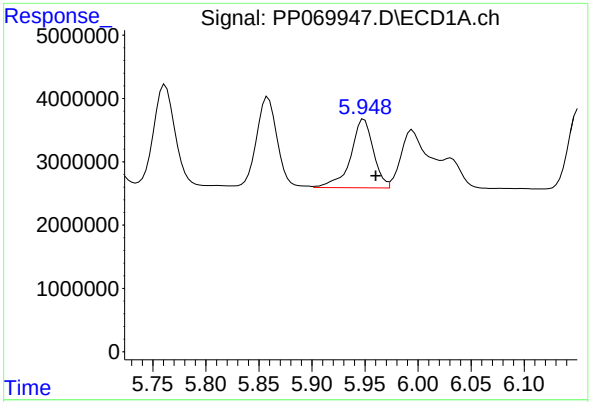
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: -0.011 min
Response: 19281965
Conc: 1082.27 ng/ml



#14 AR-1232-4

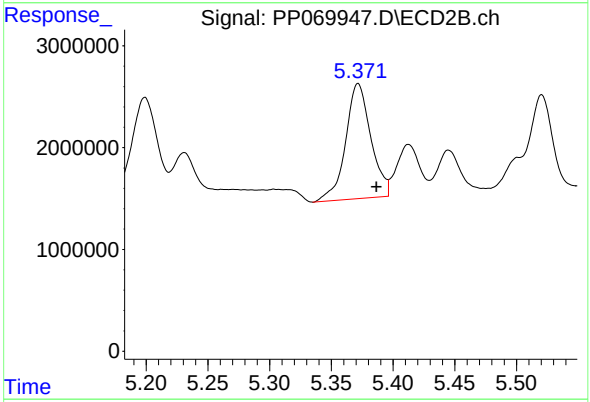
R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 12382974
Conc: 1116.96 ng/ml



#15 AR-1232-5

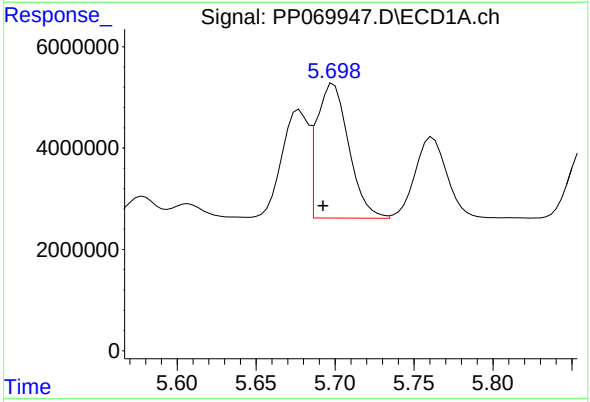
R.T.: 5.949 min
Delta R.T.: -0.011 min
Response: 16193745
Conc: 1412.77 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



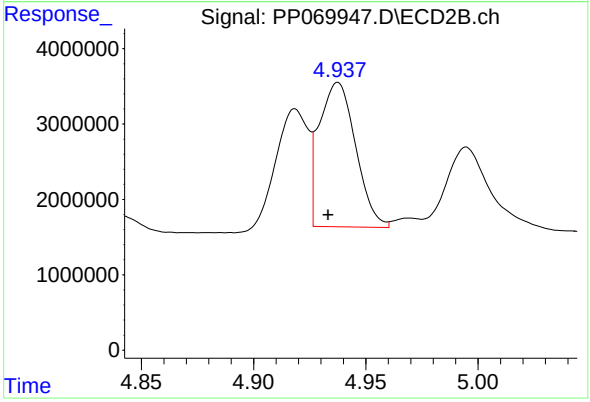
#15 AR-1232-5

R.T.: 5.372 min
Delta R.T.: -0.015 min
Response: 16084008
Conc: 1317.25 ng/ml



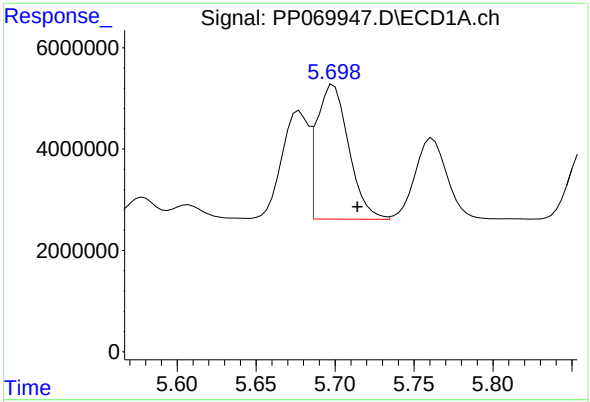
#16 AR-1242-1

R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 37437147
Conc: 897.66 ng/ml



#16 AR-1242-1

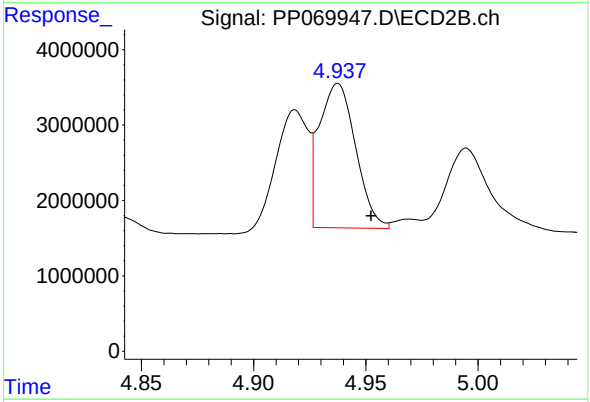
R.T.: 4.938 min
Delta R.T.: 0.004 min
Response: 21641423
Conc: 750.60 ng/ml



#17 AR-1242-2

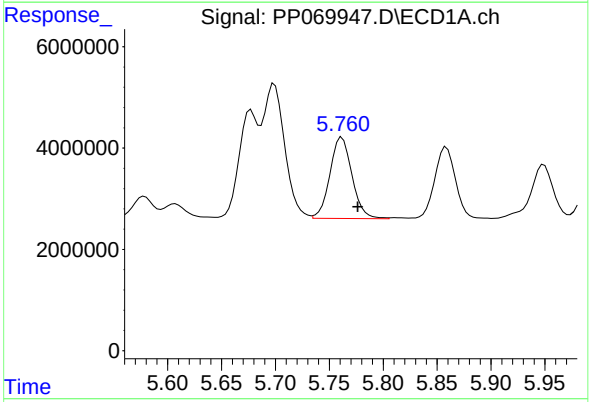
R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 37437147
Conc: 634.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



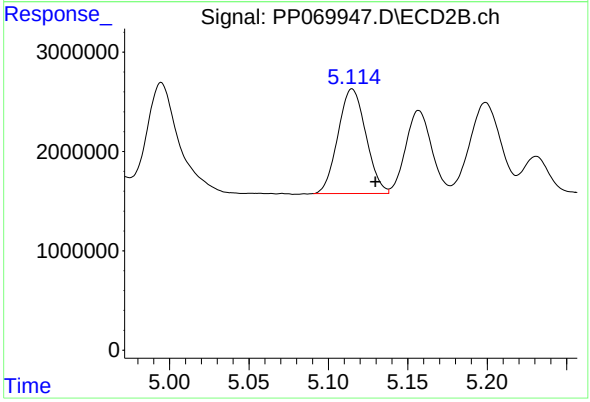
#17 AR-1242-2

R.T.: 4.938 min
Delta R.T.: -0.015 min
Response: 21641423
Conc: 549.31 ng/ml



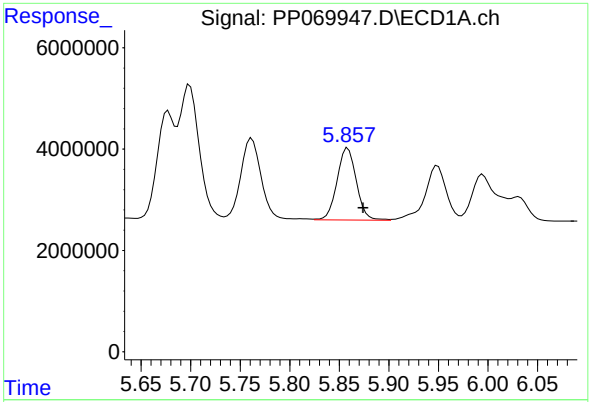
#18 AR-1242-3

R.T.: 5.762 min
Delta R.T.: -0.015 min
Response: 22802224
Conc: 614.64 ng/ml



#18 AR-1242-3

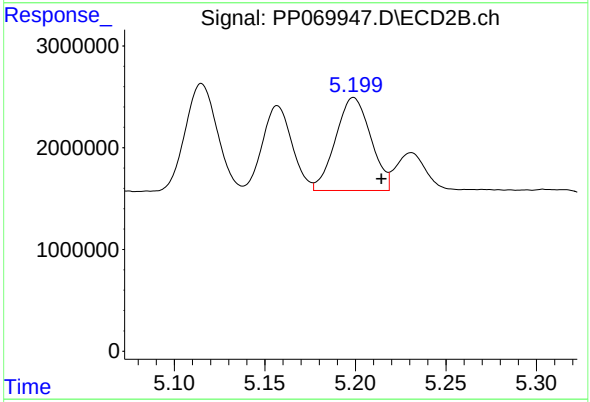
R.T.: 5.115 min
Delta R.T.: -0.015 min
Response: 12909023
Conc: 573.63 ng/ml



#19 AR-1242-4

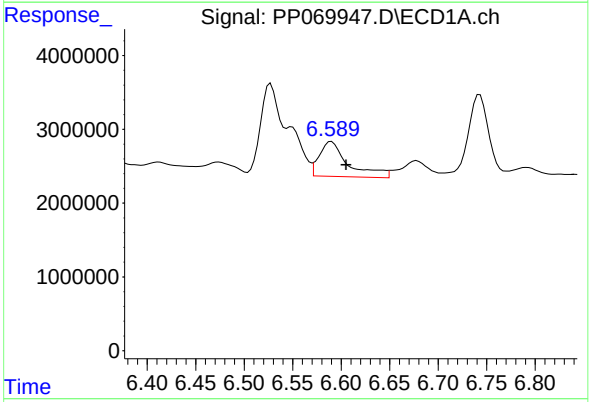
R.T.: 5.859 min
Delta R.T.: -0.015 min
Response: 19281965
Conc: 587.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



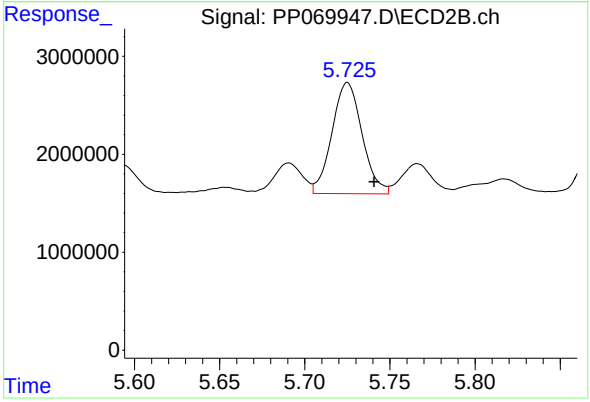
#19 AR-1242-4

R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 12382974
Conc: 573.76 ng/ml



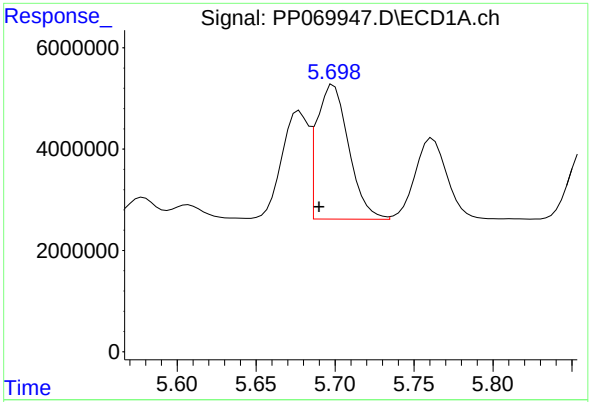
#20 AR-1242-5

R.T.: 6.590 min
Delta R.T.: -0.015 min
Response: 9843954
Conc: 302.11 ng/ml



#20 AR-1242-5

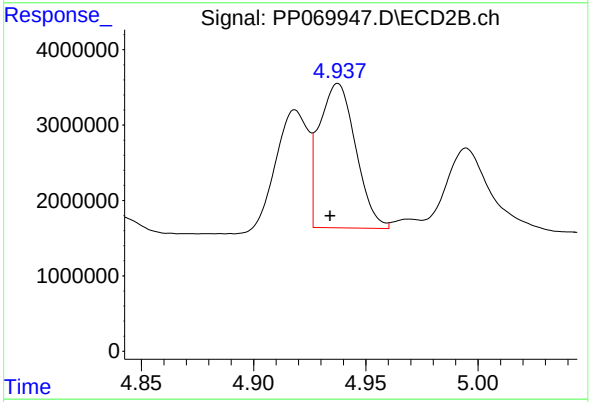
R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 13964145
Conc: 485.40 ng/ml



#21 AR-1248-1

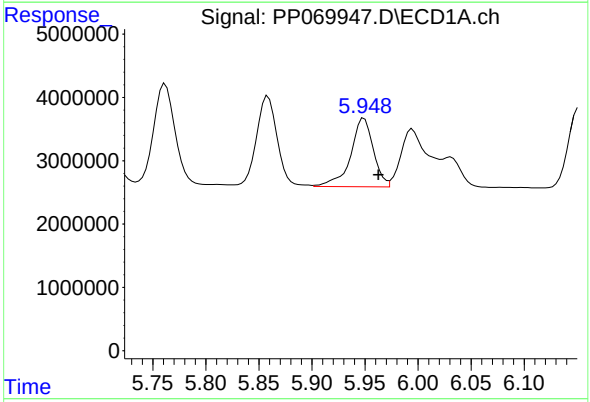
R.T.: 5.699 min
Delta R.T.: 0.009 min
Response: 37437147
Conc: 1154.08 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



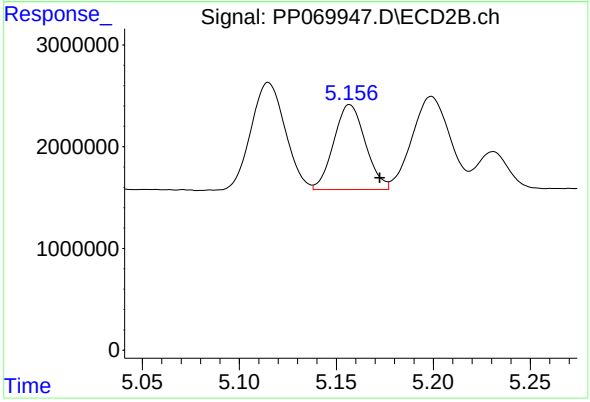
#21 AR-1248-1

R.T.: 4.938 min
Delta R.T.: 0.003 min
Response: 21641423
Conc: 983.23 ng/ml



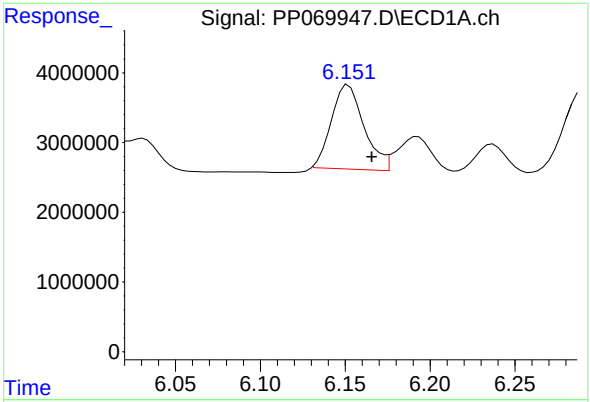
#22 AR-1248-2

R.T.: 5.949 min
Delta R.T.: -0.014 min
Response: 16193745
Conc: 381.51 ng/ml



#22 AR-1248-2

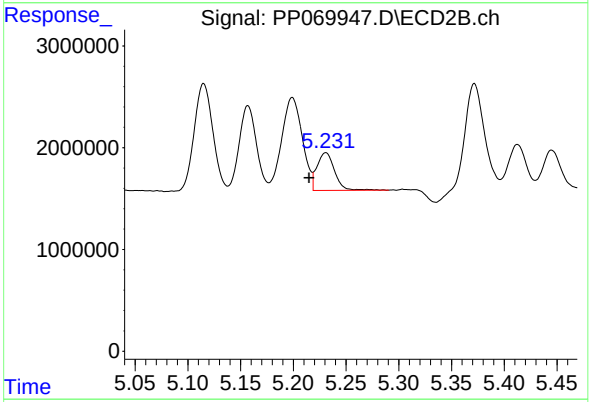
R.T.: 5.157 min
Delta R.T.: -0.016 min
Response: 9497952
Conc: 315.92 ng/ml



#23 AR-1248-3

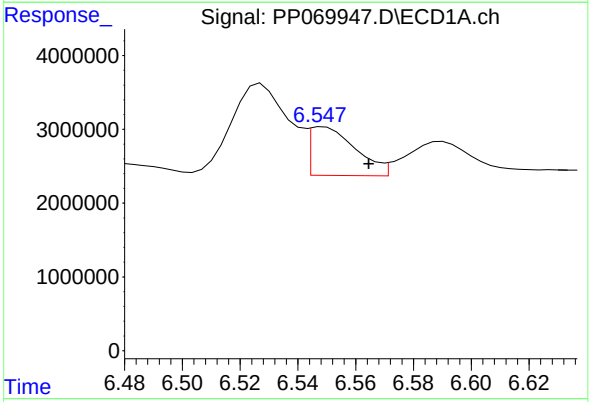
R.T.: 6.152 min
Delta R.T.: -0.014 min
Response: 16141594
Conc: 343.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



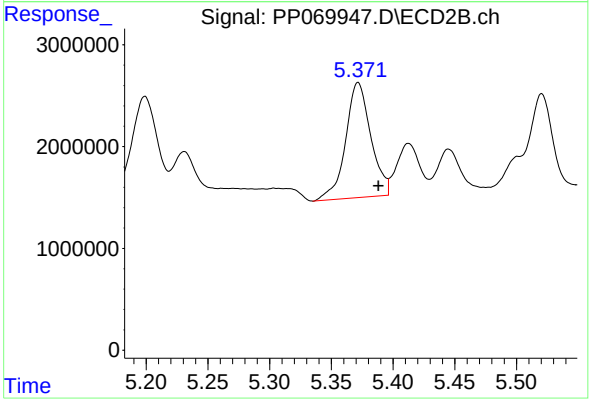
#23 AR-1248-3

R.T.: 5.231 min
Delta R.T.: 0.016 min
Response: 4297947
Conc: 138.71 ng/ml



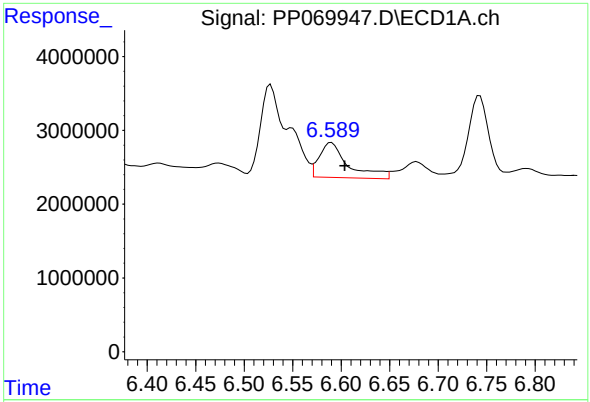
#24 AR-1248-4

R.T.: 6.549 min
Delta R.T.: -0.016 min
Response: 7300692
Conc: 132.45 ng/ml



#24 AR-1248-4

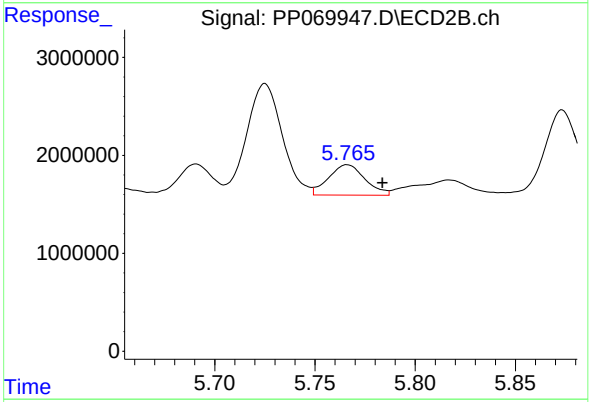
R.T.: 5.372 min
Delta R.T.: -0.017 min
Response: 16084008
Conc: 435.37 ng/ml



#25 AR-1248-5

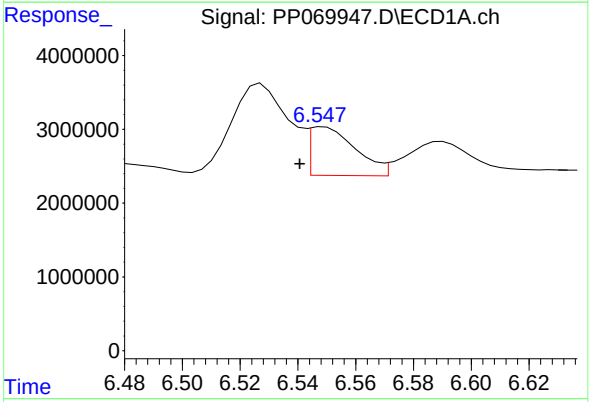
R.T.: 6.590 min
Delta R.T.: -0.014 min
Response: 9843954
Conc: 184.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



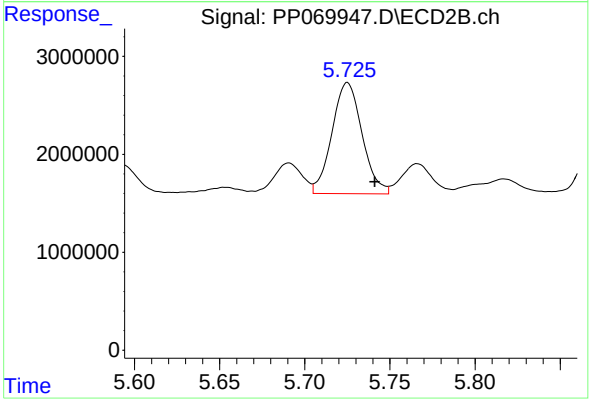
#25 AR-1248-5

R.T.: 5.766 min
Delta R.T.: -0.018 min
Response: 3925985
Conc: 105.00 ng/ml



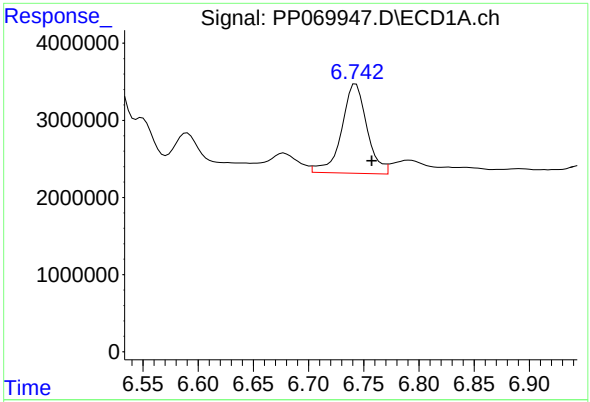
#26 AR-1254-1

R.T.: 6.549 min
Delta R.T.: 0.008 min
Response: 7300692
Conc: 126.17 ng/ml



#26 AR-1254-1

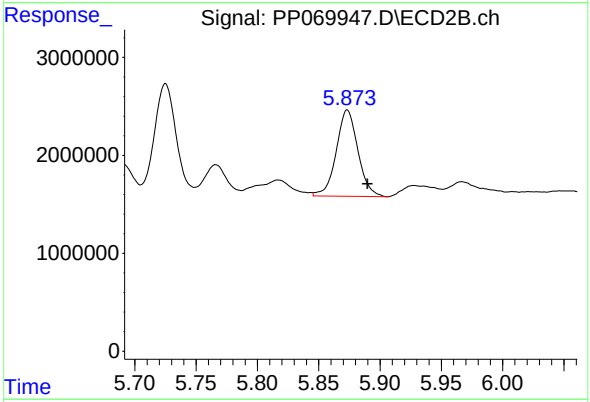
R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 13964145
Conc: 253.64 ng/ml



#27 AR-1254-2

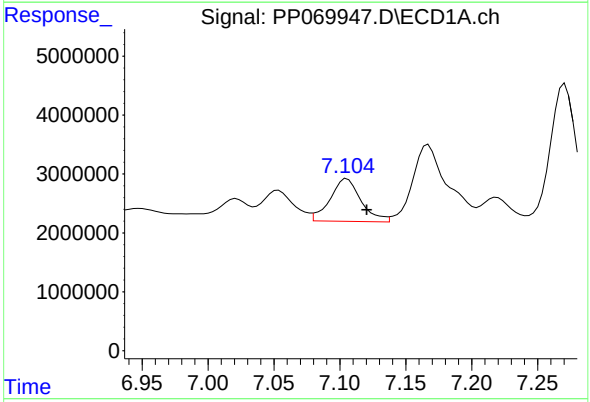
R.T.: 6.743 min
Delta R.T.: -0.014 min
Response: 18496470
Conc: 230.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



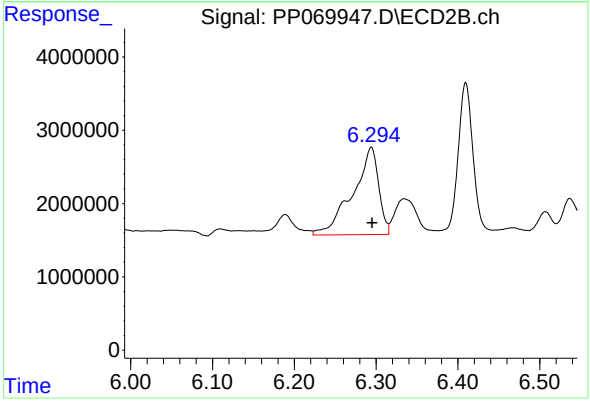
#27 AR-1254-2

R.T.: 5.873 min
Delta R.T.: -0.016 min
Response: 10858938
Conc: 224.50 ng/ml



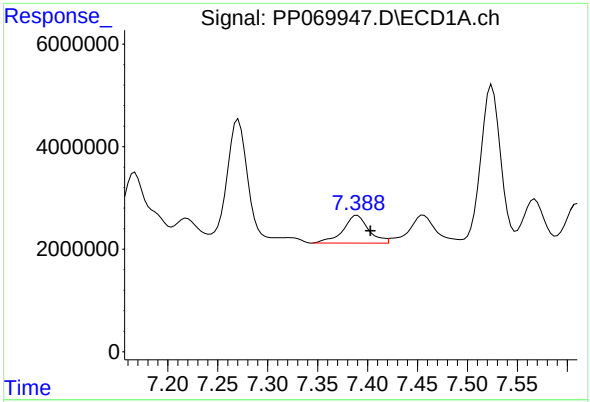
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 11769519
Conc: 139.63 ng/ml



#28 AR-1254-3

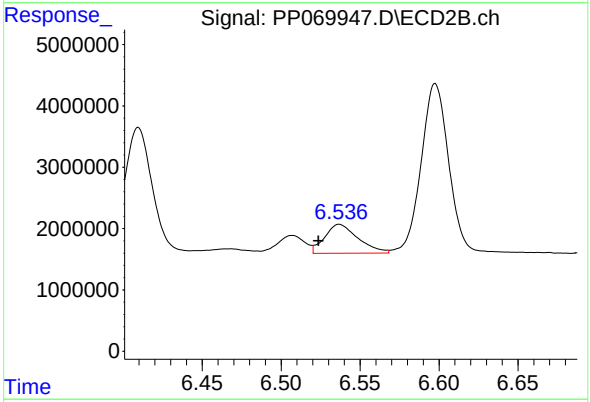
R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 26238796
Conc: 345.72 ng/ml



#29 AR-1254-4

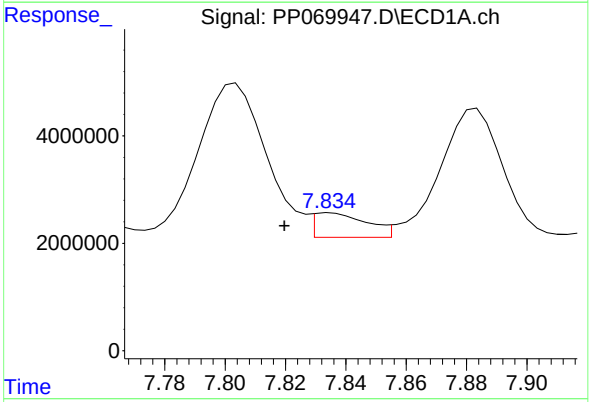
R.T.: 7.390 min
Delta R.T.: -0.013 min
Response: 9642351
Conc: 141.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



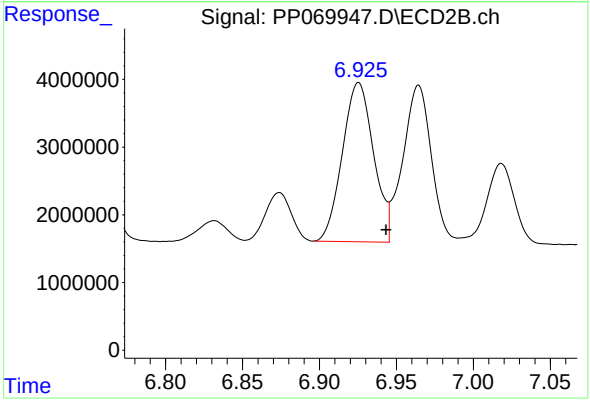
#29 AR-1254-4

R.T.: 6.537 min
Delta R.T.: 0.013 min
Response: 6925622
Conc: 135.13 ng/ml



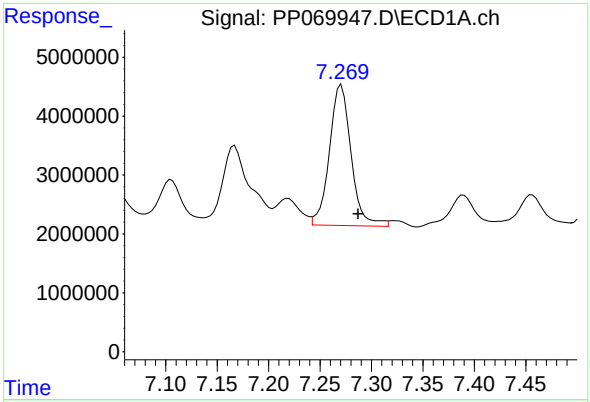
#30 AR-1254-5

R.T.: 7.835 min
Delta R.T.: 0.015 min
Response: 5530261
Conc: 81.27 ng/ml



#30 AR-1254-5

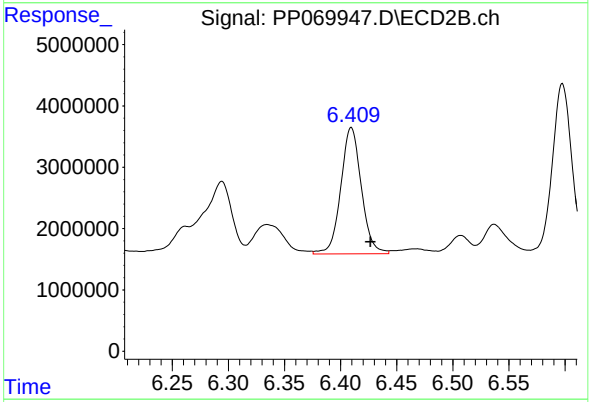
R.T.: 6.925 min
Delta R.T.: -0.018 min
Response: 33179053
Conc: 498.48 ng/ml



#31 AR-1260-1

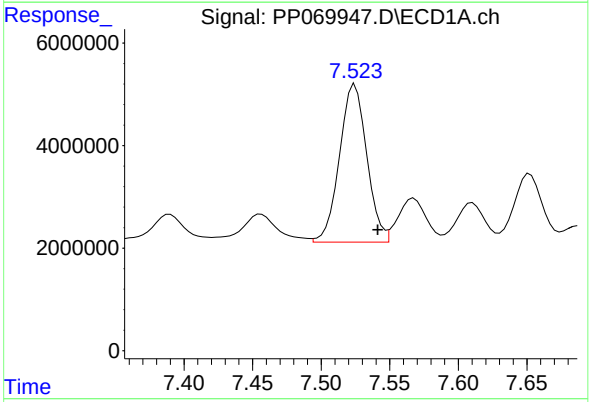
R.T.: 7.271 min
Delta R.T.: -0.016 min
Response: 35076653
Conc: 600.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



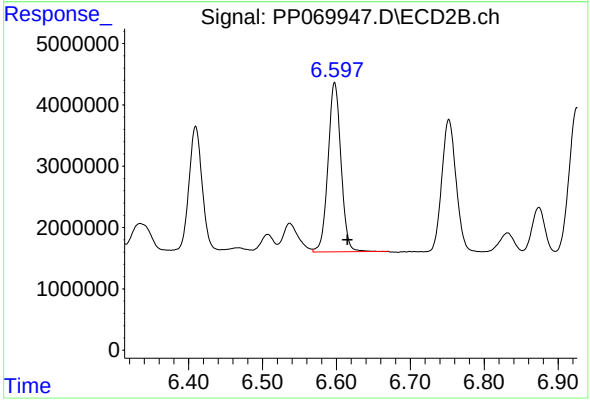
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.017 min
Response: 26307573
Conc: 545.47 ng/ml



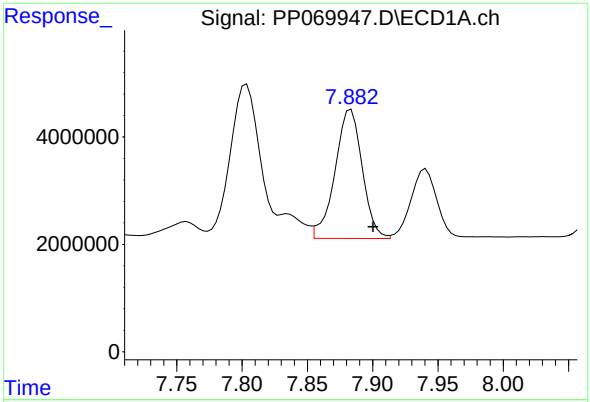
#32 AR-1260-2

R.T.: 7.525 min
Delta R.T.: -0.016 min
Response: 42714191
Conc: 548.93 ng/ml



#32 AR-1260-2

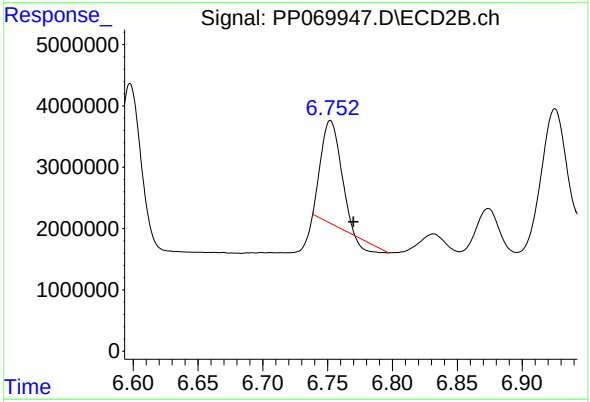
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 33435044
Conc: 545.40 ng/ml



#33 AR-1260-3

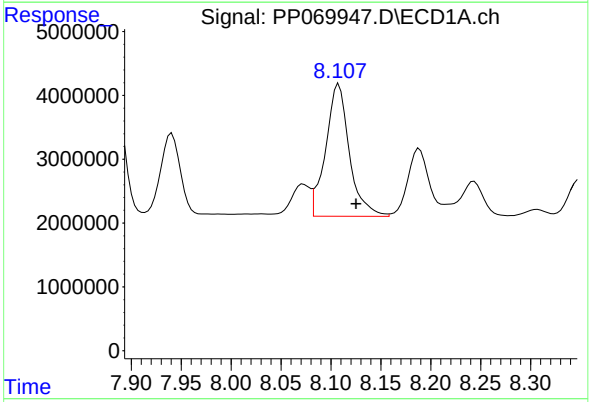
R.T.: 7.883 min
Delta R.T.: -0.017 min
Response: 34879740
Conc: 557.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



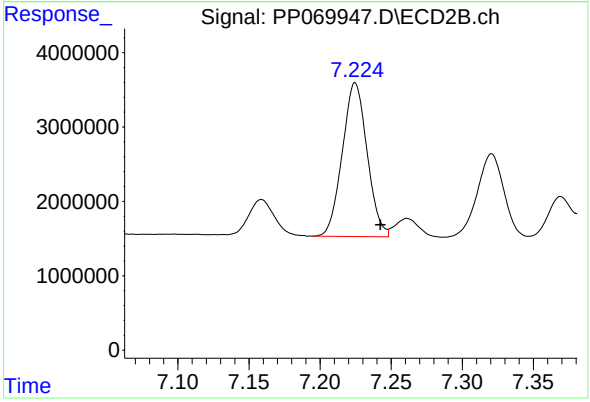
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 16451088
Conc: 273.47 ng/ml



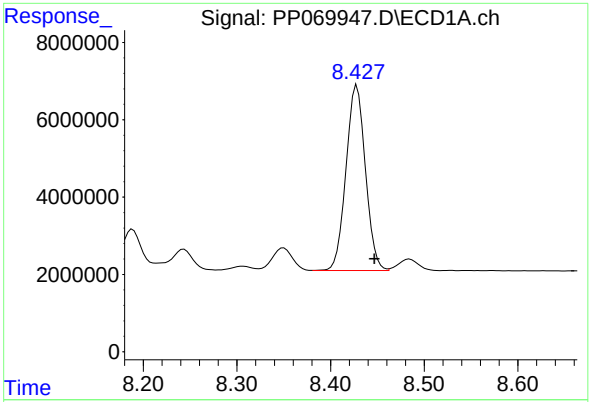
#34 AR-1260-4

R.T.: 8.108 min
Delta R.T.: -0.017 min
Response: 34238610
Conc: 518.95 ng/ml



#34 AR-1260-4

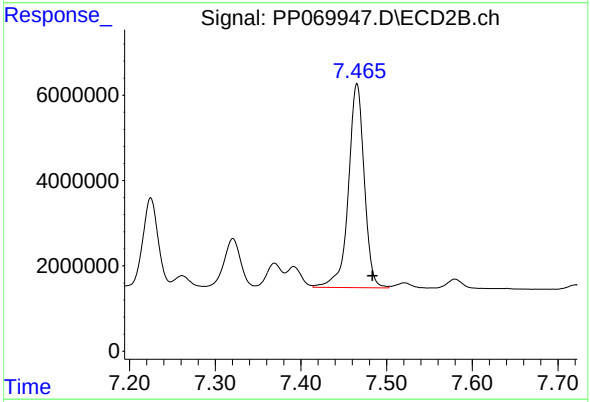
R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 25100406
Conc: 540.17 ng/ml



#35 AR-1260-5

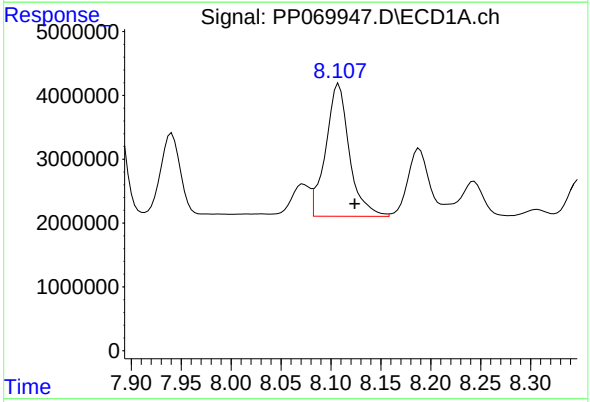
R.T.: 8.428 min
Delta R.T.: -0.019 min
Response: 69053683
Conc: 527.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



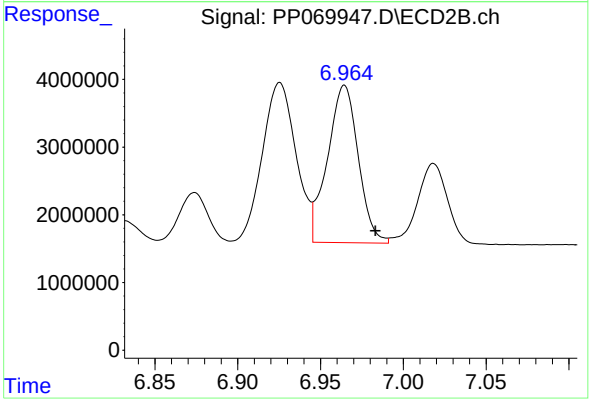
#35 AR-1260-5

R.T.: 7.465 min
Delta R.T.: -0.018 min
Response: 61593431
Conc: 554.17 ng/ml



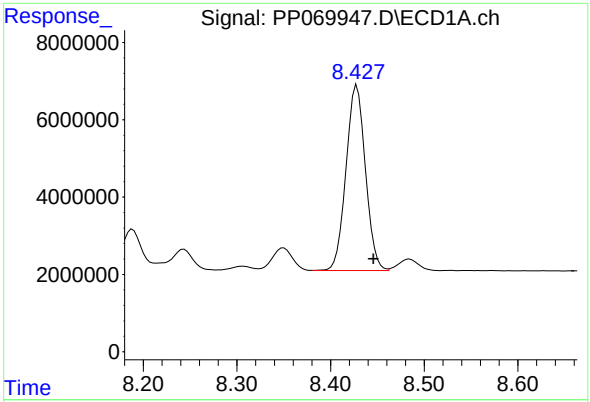
#36 AR-1262-1

R.T.: 8.108 min
Delta R.T.: -0.016 min
Response: 34238610
Conc: 433.30 ng/ml



#36 AR-1262-1

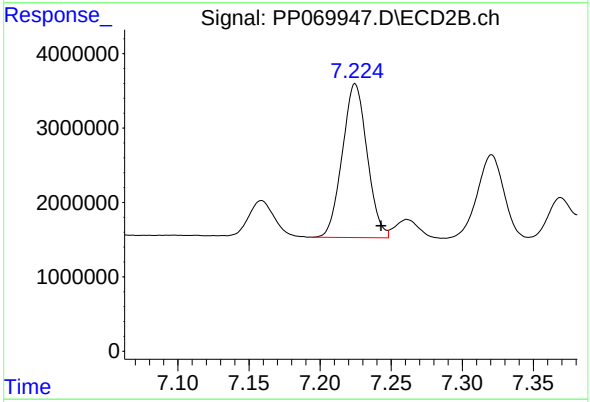
R.T.: 6.964 min
Delta R.T.: -0.019 min
Response: 30015981
Conc: 422.68 ng/ml



#37 AR-1262-2

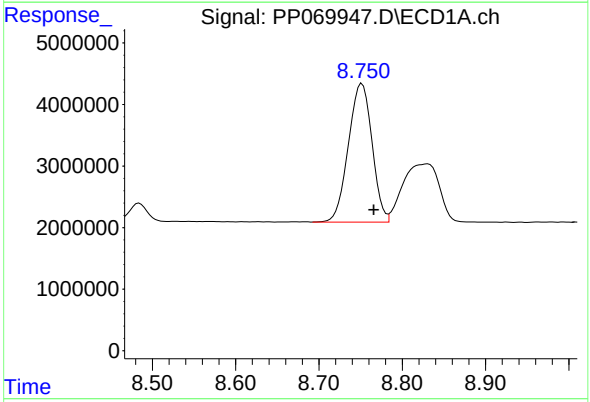
R.T.: 8.428 min
Delta R.T.: -0.018 min
Response: 69053683
Conc: 451.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



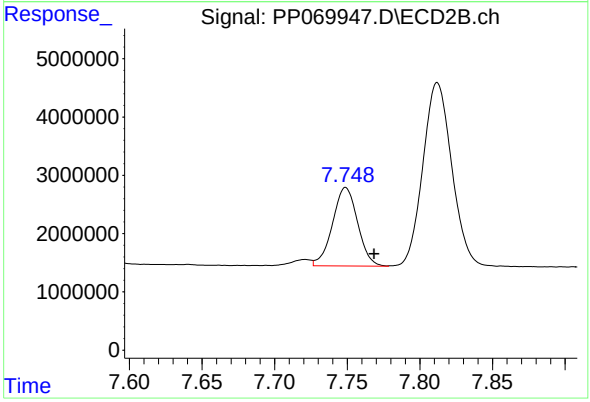
#37 AR-1262-2

R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 25100406
Conc: 411.62 ng/ml



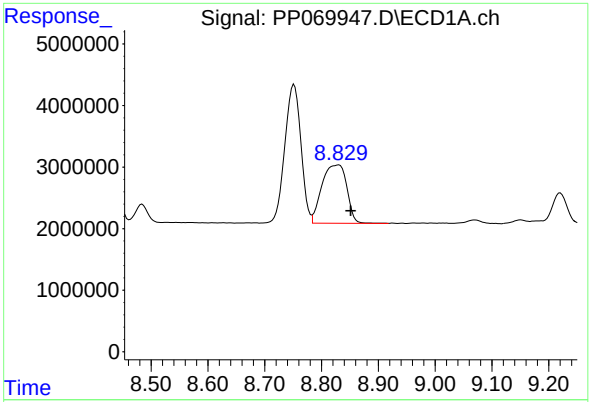
#38 AR-1262-3

R.T.: 8.752 min
Delta R.T.: -0.014 min
Response: 44460851
Conc: 418.34 ng/ml



#38 AR-1262-3

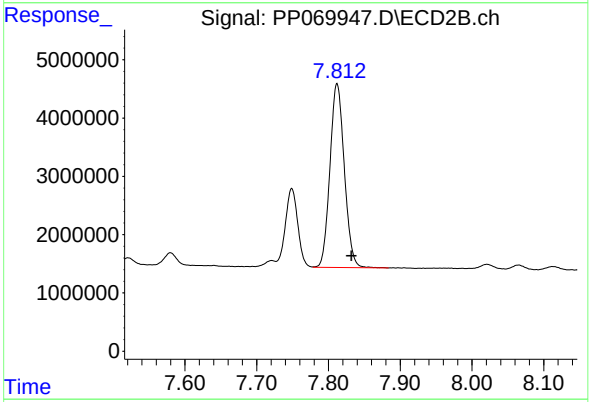
R.T.: 7.749 min
Delta R.T.: -0.020 min
Response: 16210038
Conc: 309.95 ng/ml



#39 AR-1262-4

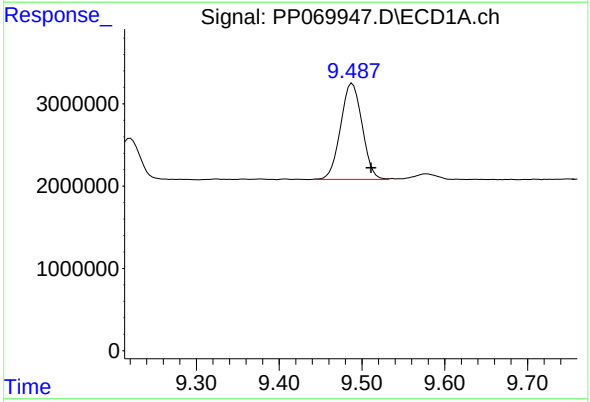
R.T.: 8.831 min
Delta R.T.: -0.021 min
Response: 28921730
Conc: 353.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



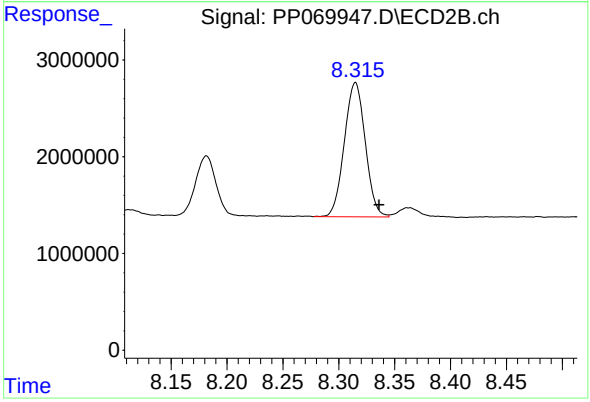
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 43810489
Conc: 473.95 ng/ml



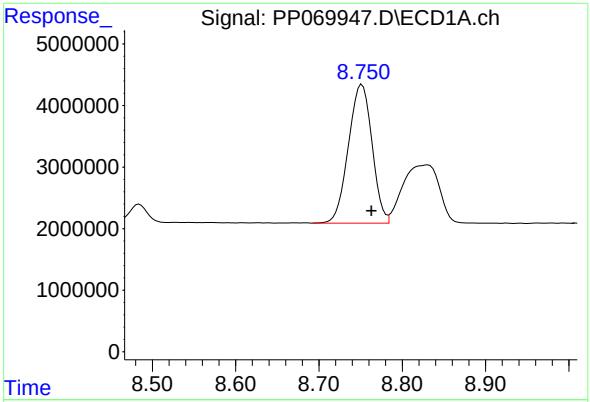
#40 AR-1262-5

R.T.: 9.488 min
Delta R.T.: -0.023 min
Response: 21132985
Conc: 373.31 ng/ml



#40 AR-1262-5

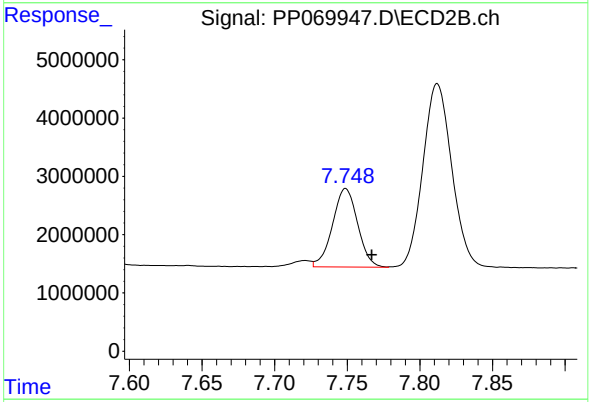
R.T.: 8.315 min
Delta R.T.: -0.021 min
Response: 18106006
Conc: 378.85 ng/ml



#41 AR-1268-1

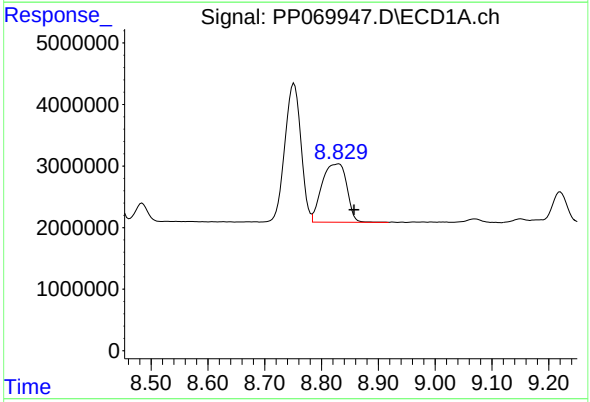
R.T.: 8.752 min
Delta R.T.: -0.011 min
Response: 44460851
Conc: 251.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



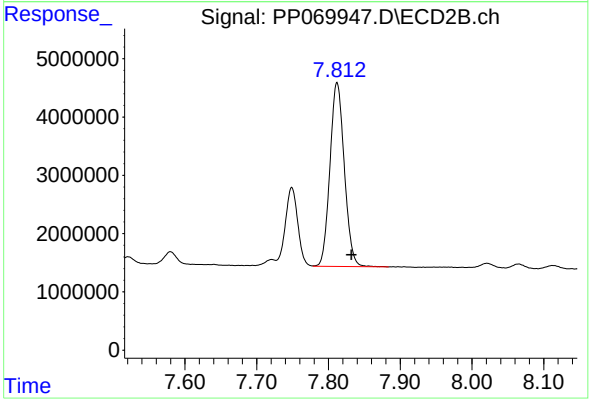
#41 AR-1268-1

R.T.: 7.749 min
Delta R.T.: -0.018 min
Response: 16210038
Conc: 111.70 ng/ml



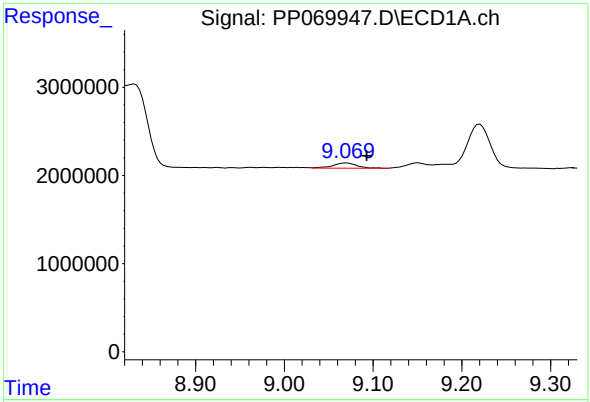
#42 AR-1268-2

R.T.: 8.831 min
Delta R.T.: -0.027 min
Response: 28921730
Conc: 183.78 ng/ml



#42 AR-1268-2

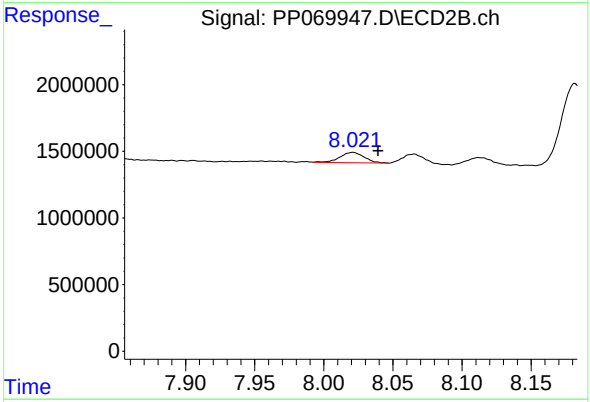
R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 43810489
Conc: 329.86 ng/ml



#43 AR-1268-3

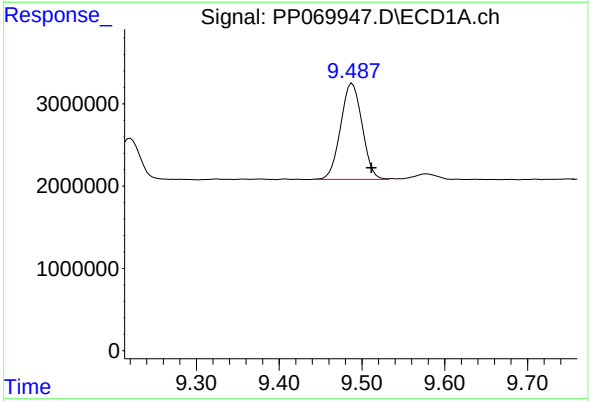
R.T.: 9.070 min
Delta R.T.: -0.023 min
Response: 1133138
Conc: 8.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



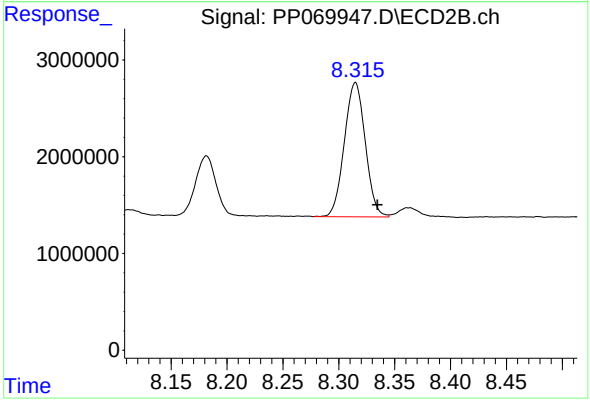
#43 AR-1268-3

R.T.: 8.021 min
Delta R.T.: -0.018 min
Response: 956731
Conc: 8.41 ng/ml



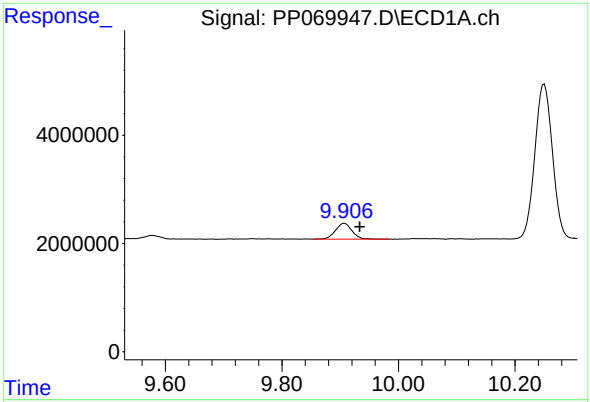
#44 AR-1268-4

R.T.: 9.488 min
Delta R.T.: -0.023 min
Response: 21132985
Conc: 359.89 ng/ml



#44 AR-1268-4

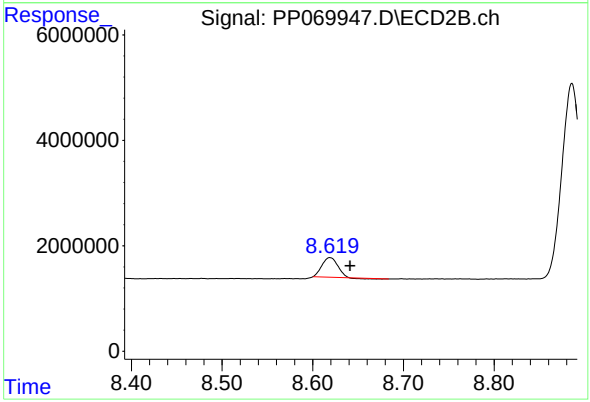
R.T.: 8.315 min
Delta R.T.: -0.020 min
Response: 18106006
Conc: 347.67 ng/ml



#45 AR-1268-5

R.T.: 9.907 min
Delta R.T.: -0.026 min
Response: 5785192
Conc: 15.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.619 min
Delta R.T.: -0.022 min
Response: 4389683
Conc: 12.32 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:42
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:04:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.829	79514470	45233076	55.547	50.679	
2)	SA Decachlor...	10.250	8.887	58624055	57845987	53.641	51.718	
	Target Compounds							
3)	L1 AR-1016-1	5.699	4.936	964651	494026	20.820	15.147	#
4)	L1 AR-1016-2	5.699	4.936	964651	494026	14.212	10.989	
5)	L1 AR-1016-3	0.000	5.118	0	327939	N.D.	13.179	#
6)	L1 AR-1016-4	0.000	5.156	0	11189735	N.D.	554.050	#
7)	L1 AR-1016-5	6.150	5.372	8006379	8014513	242.188	298.783	
8)	L2 AR-1221-1	0.000	3.987f	0	65346	N.D.	5.305	#
9)	L2 AR-1221-2	4.825	4.131	1232570	860855	90.018	88.900	
10)	L2 AR-1221-3	0.000	4.203	0	147089	N.D.	5.042	#
11)	L3 AR-1232-1	0.000	4.203	0	147089	N.D.	6.265	#
12)	L3 AR-1232-2	0.000	4.936	0	494026	N.D.	20.958	#
13)	L3 AR-1232-3	5.699	5.118	964651	327939	28.076	25.329	
14)	L3 AR-1232-4	0.000	5.230	0	553278	N.D.	49.906	#
15)	L3 AR-1232-5	5.947	5.372	15325063	8014513	1336.984	656.372	#
16)	L4 AR-1242-1	5.699	4.936	964651	494026	23.130	17.135	#
17)	L4 AR-1242-2	5.699	4.936	964651	494026	16.353	12.539	
18)	L4 AR-1242-3	0.000	5.118	0	327939	N.D.	14.572	#
19)	L4 AR-1242-4	0.000	5.230	0	553278	N.D.	25.636	#
20)	L4 AR-1242-5	6.592	5.725	10155905	28157292	311.681	978.759	#
21)	L5 AR-1248-1	5.699	4.936	964651	494026	29.737	22.445	
22)	L5 AR-1248-2	5.947	5.156	15325063	11189735	361.045	372.190	
23)	L5 AR-1248-3	6.150	5.230	8006379	553278	170.395	17.857	#
24)	L5 AR-1248-4	6.548	5.372	13626068	8014513	247.202	216.939	
25)	L5 AR-1248-5	6.592	5.766	10155905	3872819	190.243	103.581	#
26)	L6 AR-1254-1	6.548	5.725	13626068	28157292	235.486	511.432	#
27)	L6 AR-1254-2	6.742	5.874	44272908	24997438	551.743	516.809	
28)	L6 AR-1254-3	7.105	6.279	43772395	38952286	519.317	513.232	
29)	L6 AR-1254-4	7.387	6.537	35918284	5307175	526.755	103.555	#
30)	L6 AR-1254-5	7.832	6.927	5292312	35177945	77.775	528.511	#
31)	L7 AR-1260-1	7.270	6.410	18014882	20114657	308.283	417.061	#
32)	L7 AR-1260-2	7.523	6.598	22453605	17790468	288.559	290.202	
33)	L7 AR-1260-3	7.865f	6.751	4824282	9187102	77.165	152.720	#
34)	L7 AR-1260-4	8.091	7.261	14360037	9094704	217.653	195.721	
35)	L7 AR-1260-5	8.427	7.496	5457628	1582380	41.685	14.237	#
36)	L8 AR-1262-1	8.091	6.997	14360037	4167442	181.731	58.685	#
37)	L8 AR-1262-2	8.427	7.261	5457628	9094704	35.689	149.144	#
38)	L8 AR-1262-3	8.755	7.747	4326419	148425	40.708	2.838	#
39)	L8 AR-1262-4	8.805f	7.810	1121215	4573977	13.708	49.482	#
40)	L8 AR-1262-5	0.000	8.314	0	195659	N.D.	4.094	#
41)	L9 AR-1268-1	8.755	7.747	4326419	148425	24.501	1.023	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:42
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:04:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.805f	7.810	1121215	4573977	7.125	34.439 #
43) L9	AR-1268-3	0.000	8.017	0	210272	N.D.	1.849 #
44) L9	AR-1268-4	0.000	8.314	0	195659	N.D.	3.757 #
45) L9	AR-1268-5	0.000	8.618	0	316524	N.D.	0.889 #

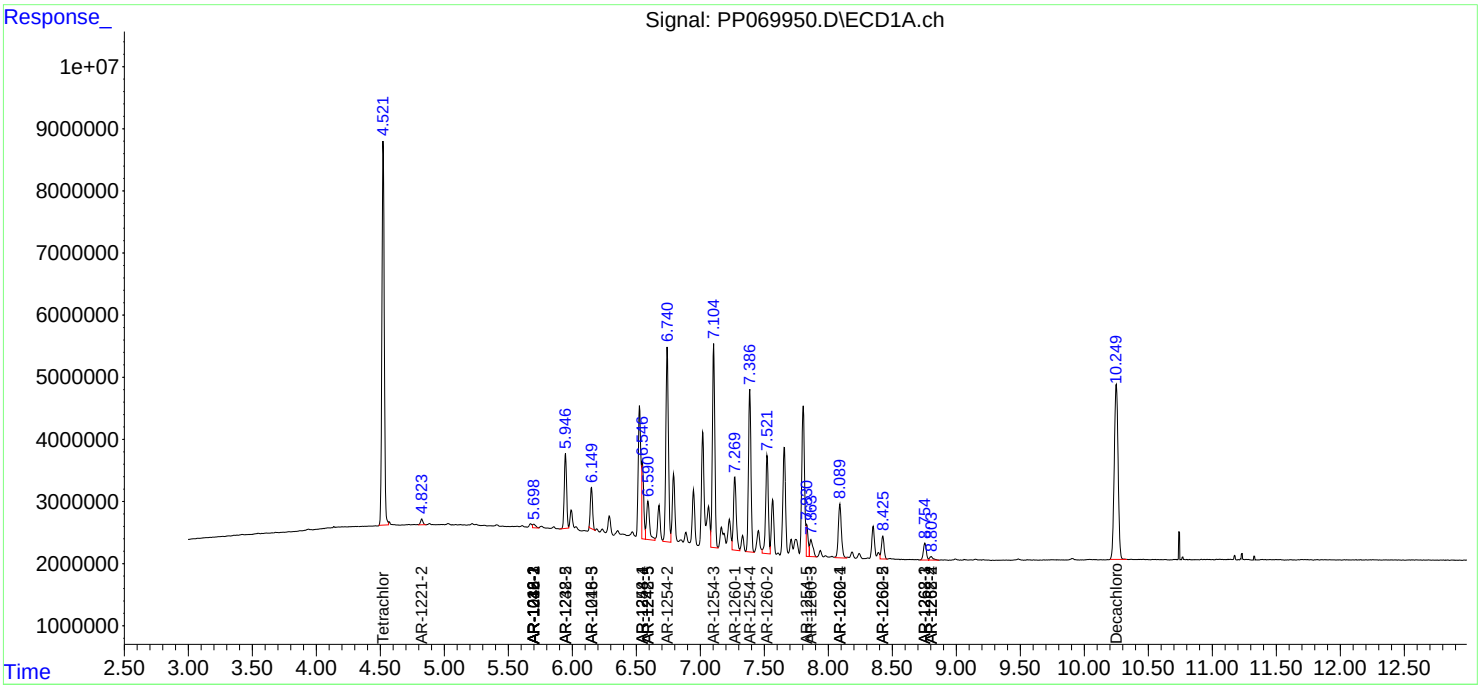
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

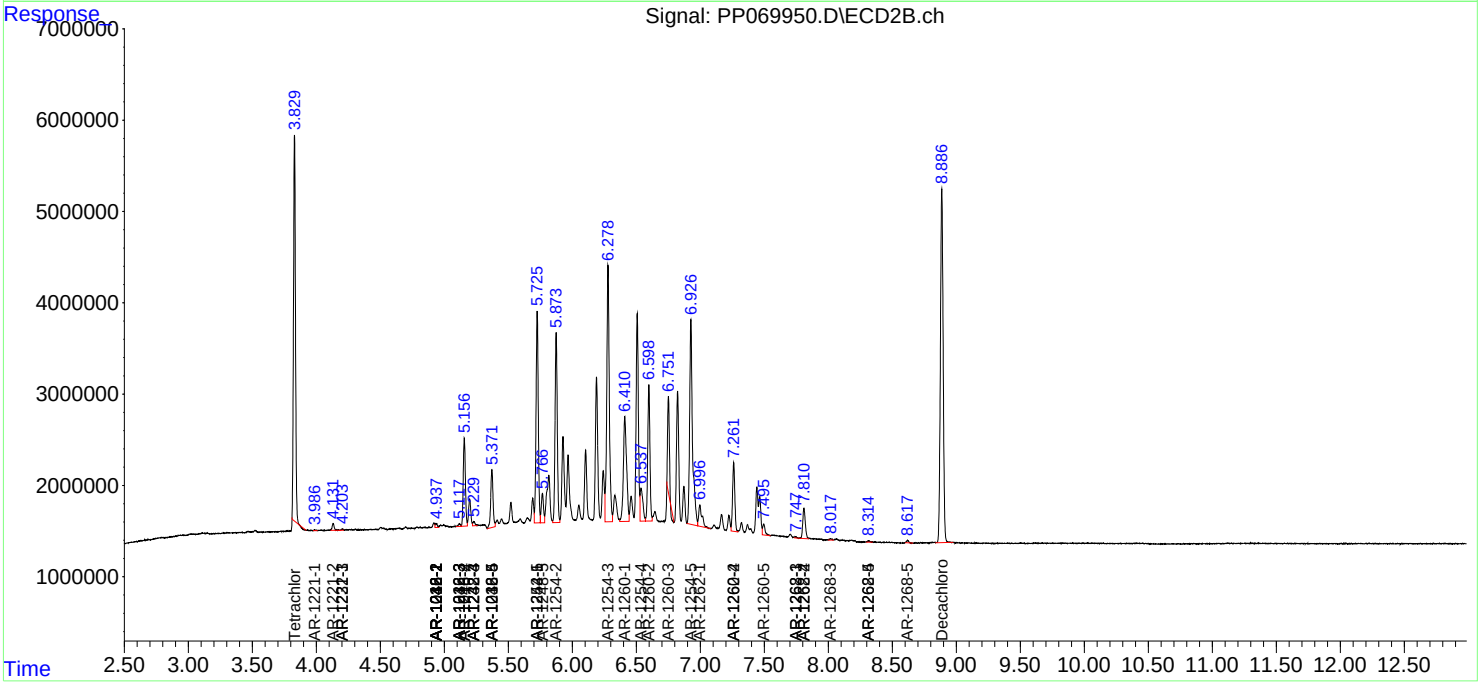
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:42
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

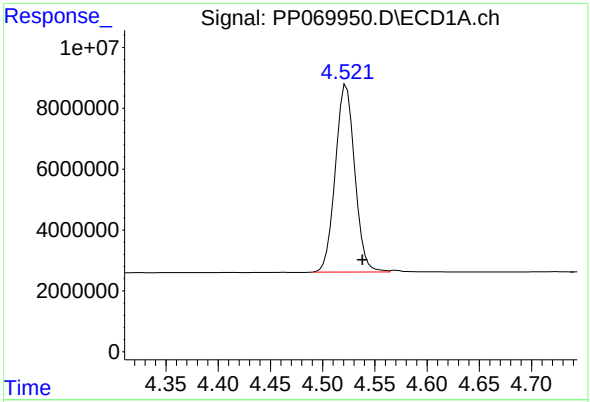
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:04:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



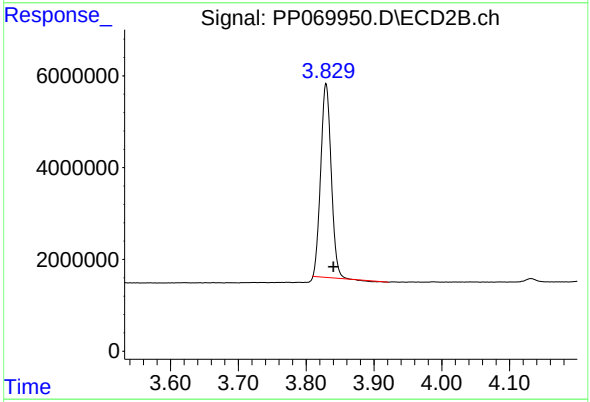




#1 Tetrachloro-m-xylene

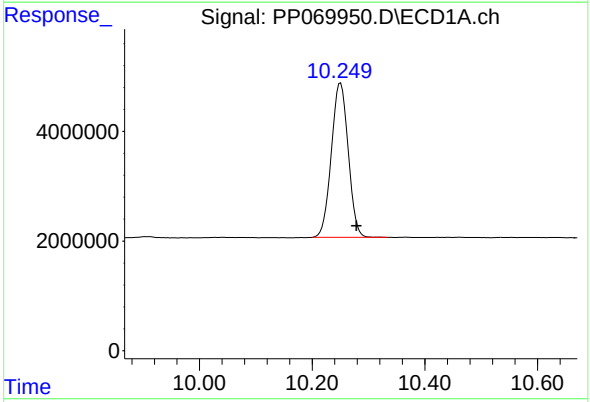
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 79514470
Conc: 55.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



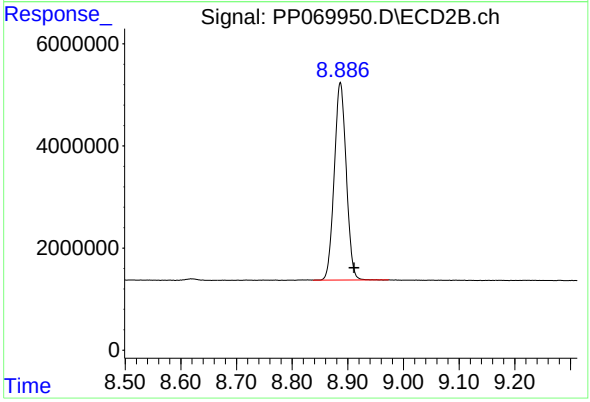
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 45233076
Conc: 50.68 ng/ml



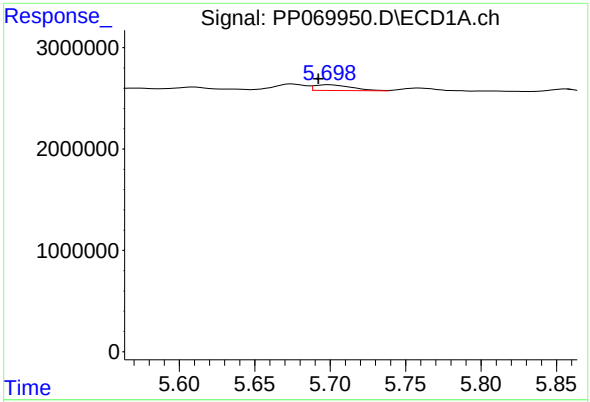
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.028 min
Response: 58624055
Conc: 53.64 ng/ml



#2 Decachlorobiphenyl

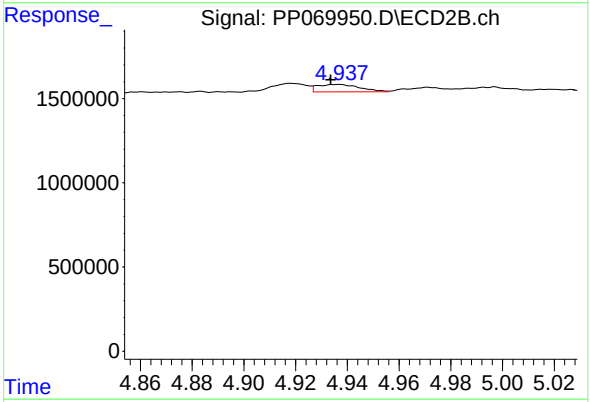
R.T.: 8.887 min
Delta R.T.: -0.025 min
Response: 57845987
Conc: 51.72 ng/ml



#3 AR-1016-1

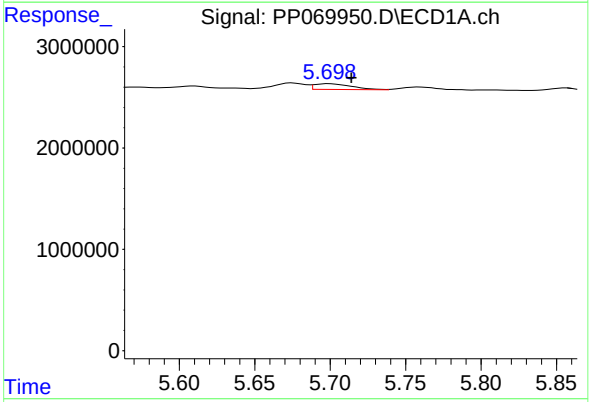
R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 964651
Conc: 20.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



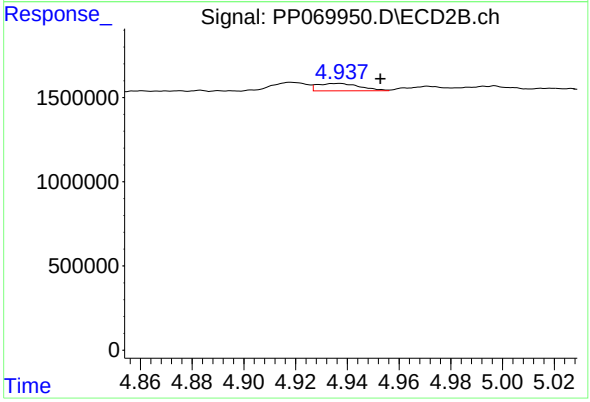
#3 AR-1016-1

R.T.: 4.936 min
Delta R.T.: 0.003 min
Response: 494026
Conc: 15.15 ng/ml



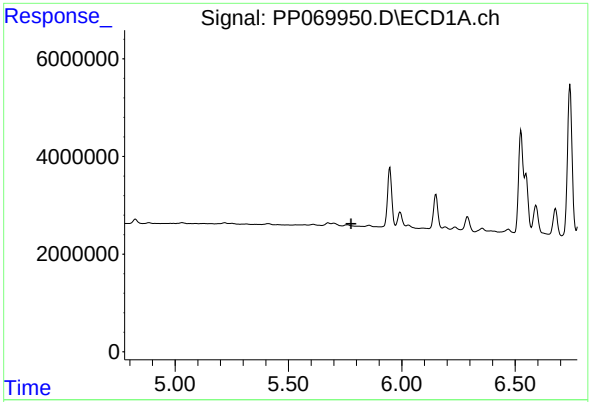
#4 AR-1016-2

R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 964651
Conc: 14.21 ng/ml



#4 AR-1016-2

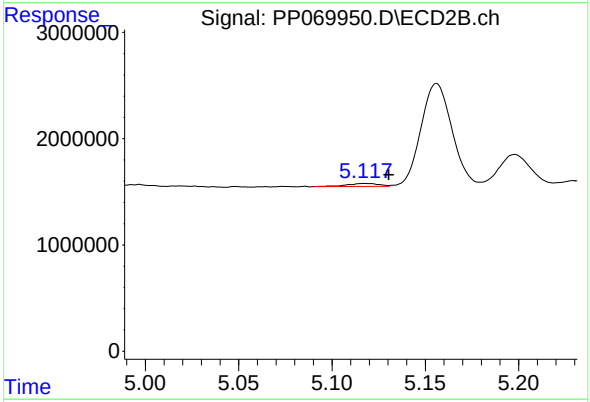
R.T.: 4.936 min
Delta R.T.: -0.017 min
Response: 494026
Conc: 10.99 ng/ml



#5 AR-1016-3

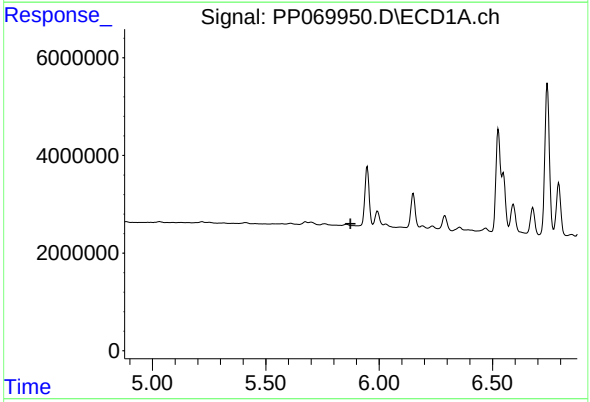
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



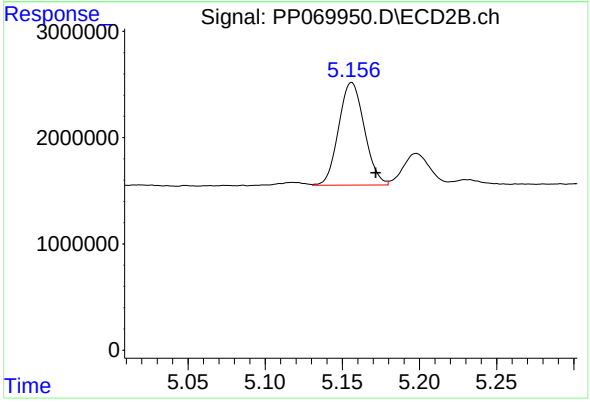
#5 AR-1016-3

R.T.: 5.118 min
Delta R.T.: -0.013 min
Response: 327939
Conc: 13.18 ng/ml



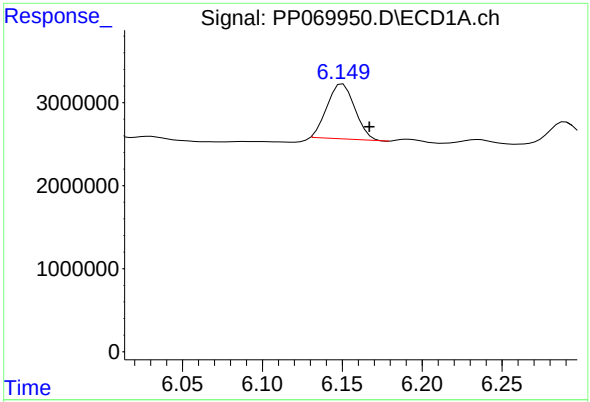
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

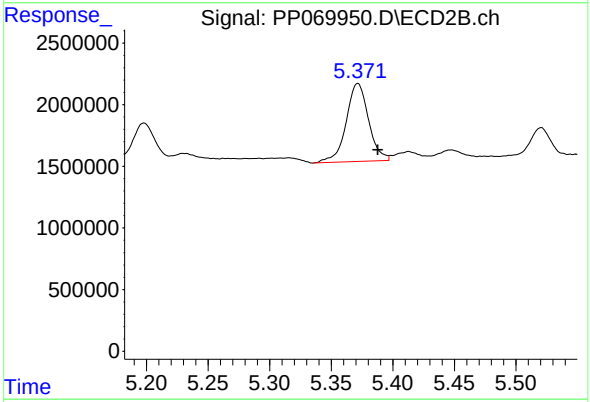
R.T.: 5.156 min
Delta R.T.: -0.016 min
Response: 11189735
Conc: 554.05 ng/ml



#7 AR-1016-5

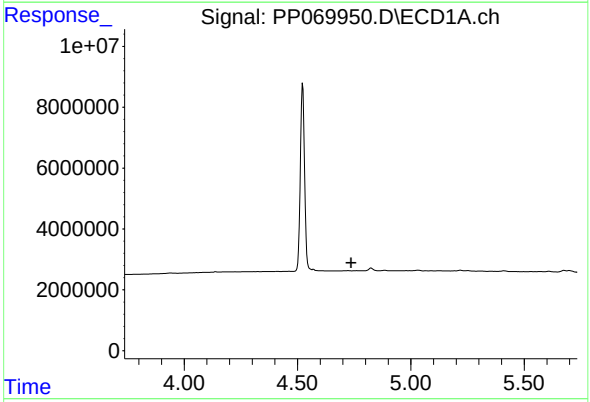
R.T.: 6.150 min
Delta R.T.: -0.017 min
Response: 8006379
Conc: 242.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



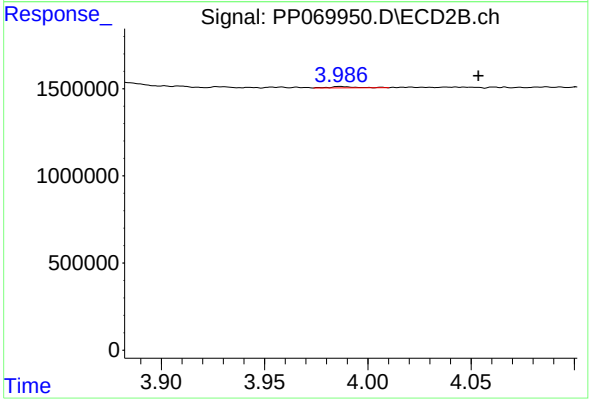
#7 AR-1016-5

R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 8014513
Conc: 298.78 ng/ml



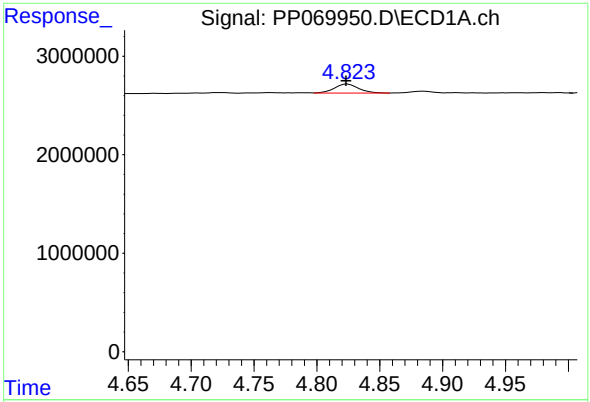
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

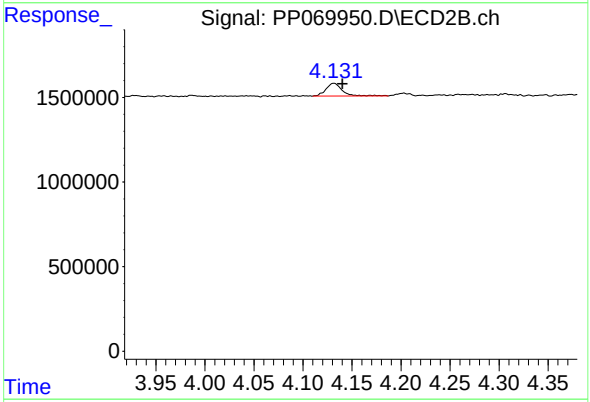
R.T.: 3.987 min
Delta R.T.: -0.067 min
Response: 65346
Conc: 5.30 ng/ml



#9 AR-1221-2

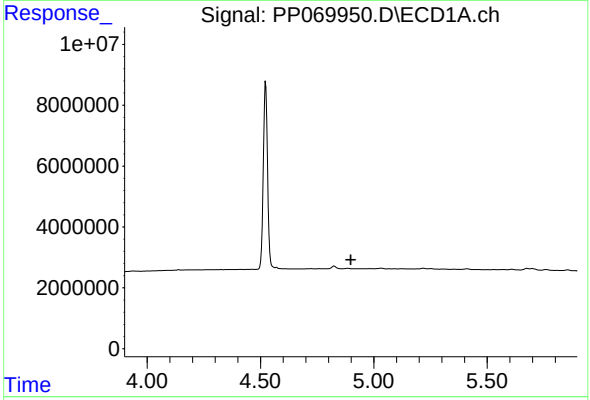
R.T.: 4.825 min
Delta R.T.: 0.002 min
Response: 1232570
Conc: 90.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



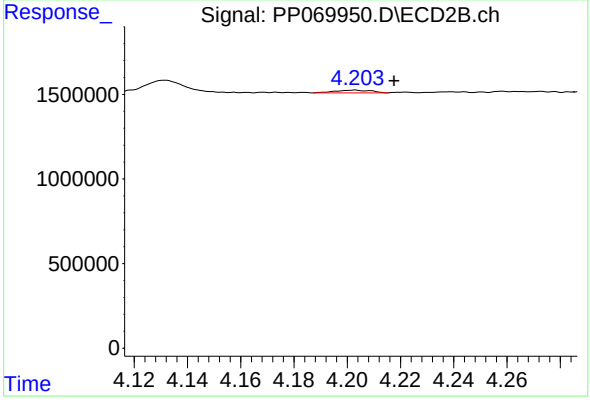
#9 AR-1221-2

R.T.: 4.131 min
Delta R.T.: -0.009 min
Response: 860855
Conc: 88.90 ng/ml



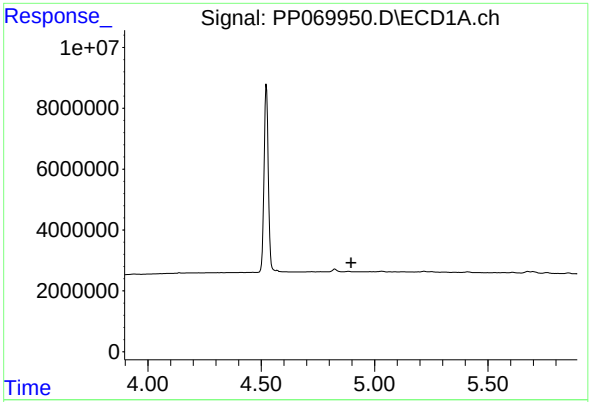
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

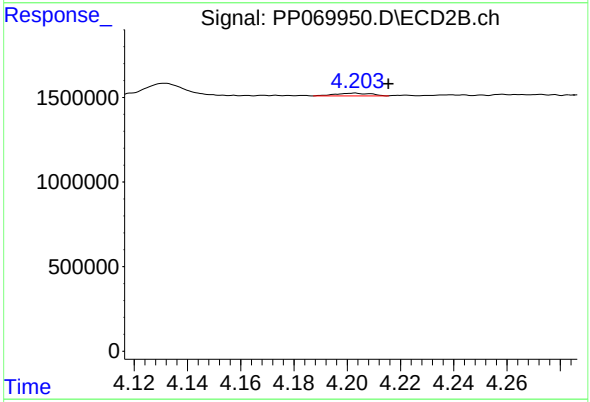
R.T.: 4.203 min
Delta R.T.: -0.015 min
Response: 147089
Conc: 5.04 ng/ml



#11 AR-1232-1

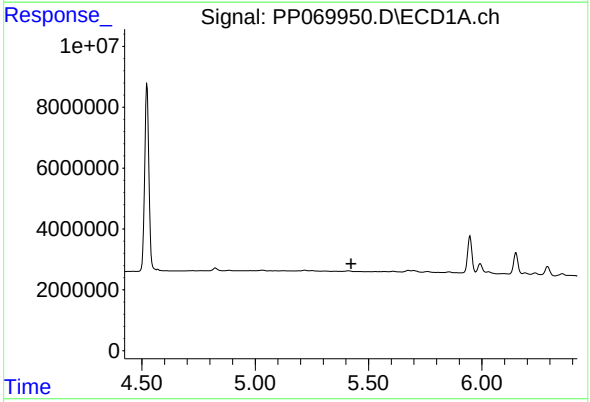
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



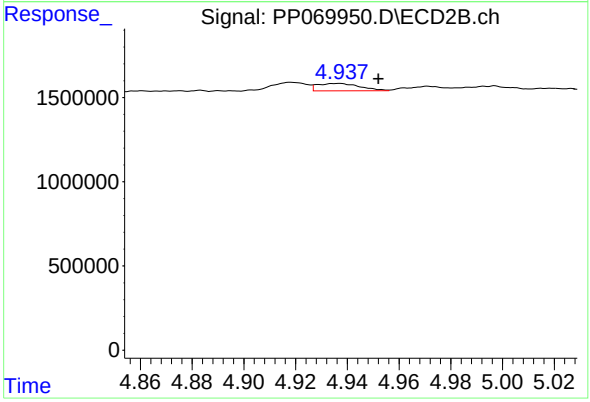
#11 AR-1232-1

R.T.: 4.203 min
Delta R.T.: -0.013 min
Response: 147089
Conc: 6.26 ng/ml



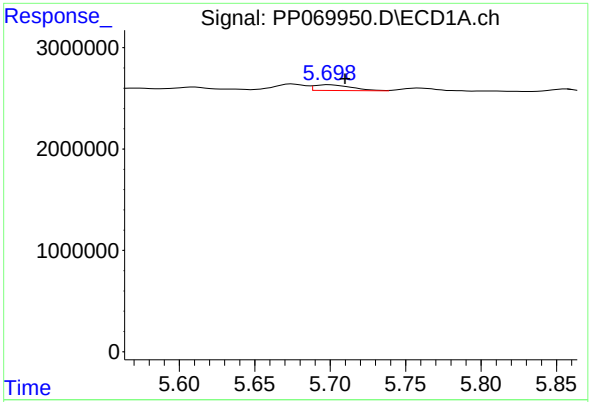
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

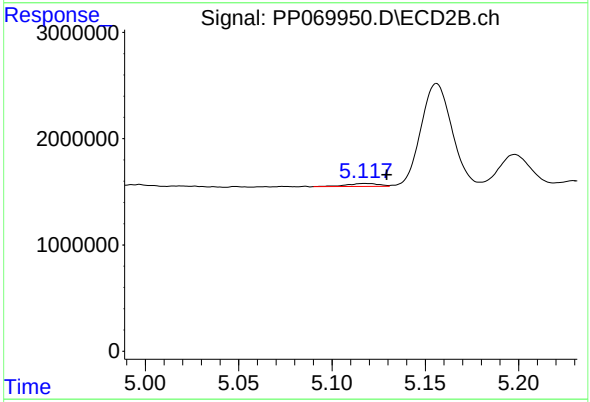
R.T.: 4.936 min
Delta R.T.: -0.016 min
Response: 494026
Conc: 20.96 ng/ml



#13 AR-1232-3

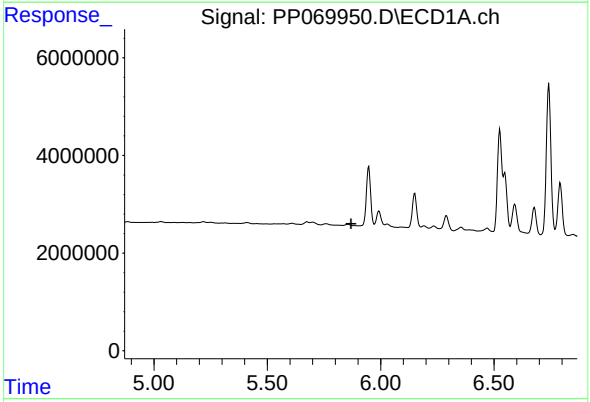
R.T.: 5.699 min
Delta R.T.: -0.010 min
Response: 964651
Conc: 28.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



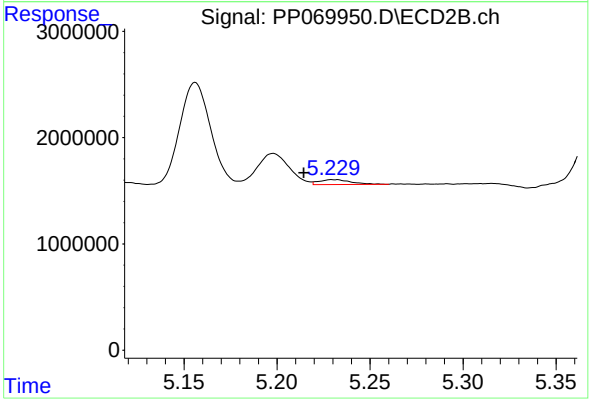
#13 AR-1232-3

R.T.: 5.118 min
Delta R.T.: -0.012 min
Response: 327939
Conc: 25.33 ng/ml



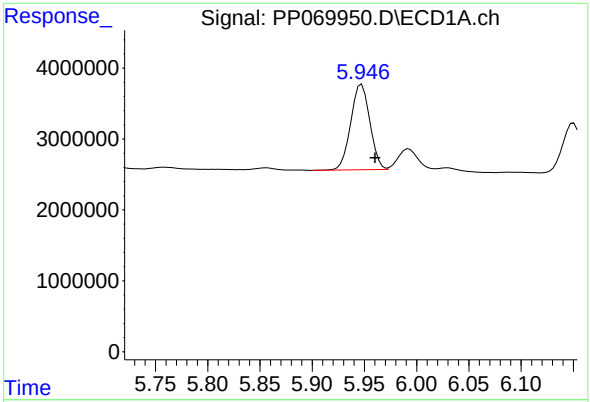
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

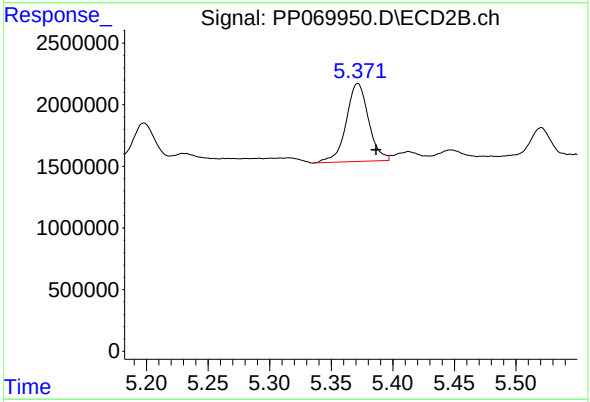
R.T.: 5.230 min
Delta R.T.: 0.016 min
Response: 553278
Conc: 49.91 ng/ml



#15 AR-1232-5

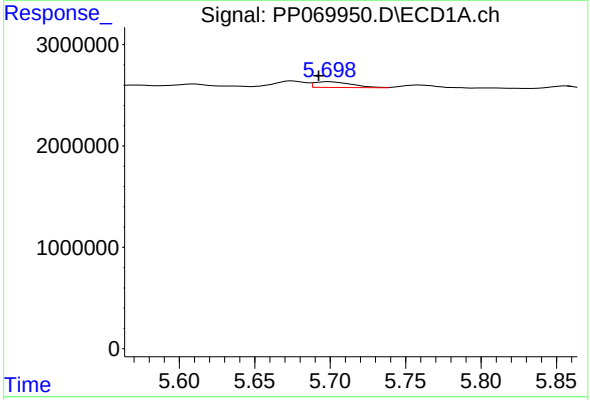
R.T.: 5.947 min
Delta R.T.: -0.013 min
Response: 15325063
Conc: 1336.98 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



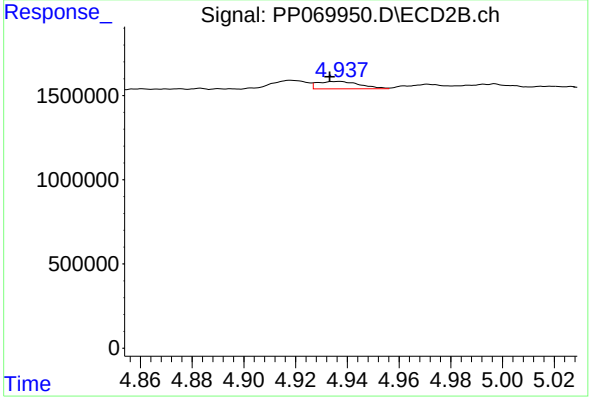
#15 AR-1232-5

R.T.: 5.372 min
Delta R.T.: -0.015 min
Response: 8014513
Conc: 656.37 ng/ml



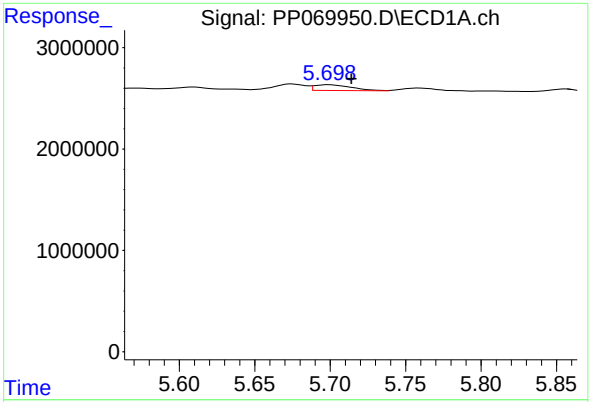
#16 AR-1242-1

R.T.: 5.699 min
Delta R.T.: 0.007 min
Response: 964651
Conc: 23.13 ng/ml



#16 AR-1242-1

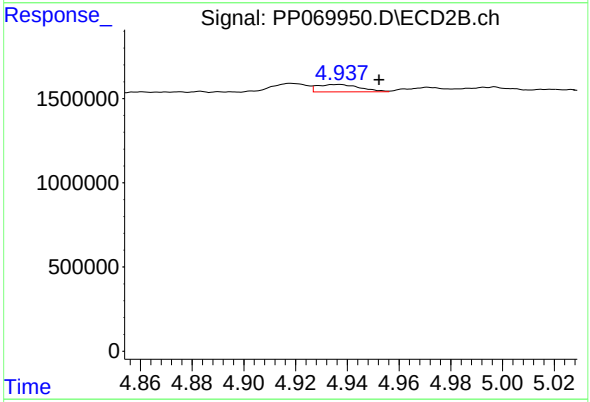
R.T.: 4.936 min
Delta R.T.: 0.003 min
Response: 494026
Conc: 17.13 ng/ml



#17 AR-1242-2

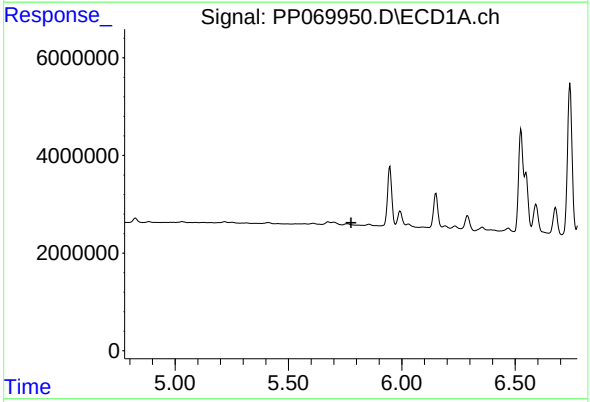
R.T.: 5.699 min
Delta R.T.: -0.015 min
Response: 964651
Conc: 16.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



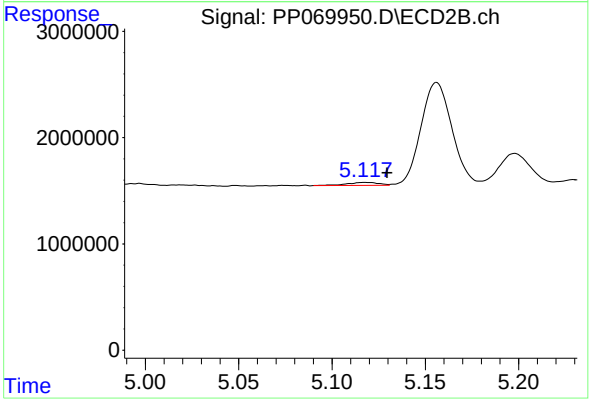
#17 AR-1242-2

R.T.: 4.936 min
Delta R.T.: -0.016 min
Response: 494026
Conc: 12.54 ng/ml



#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

R.T.: 5.118 min
Delta R.T.: -0.012 min
Response: 327939
Conc: 14.57 ng/ml

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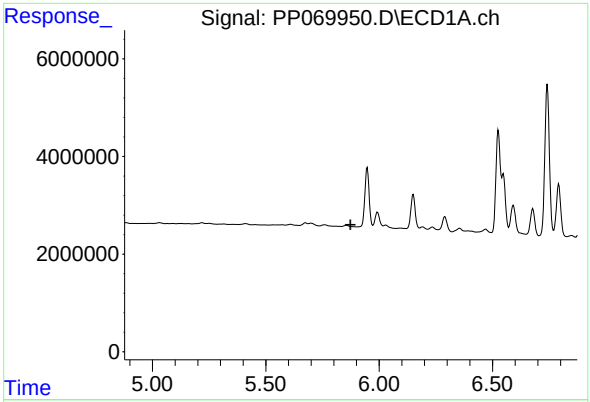
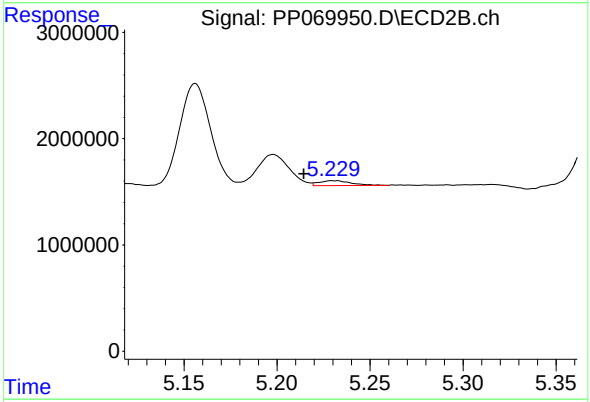


#19 AR-1242-4

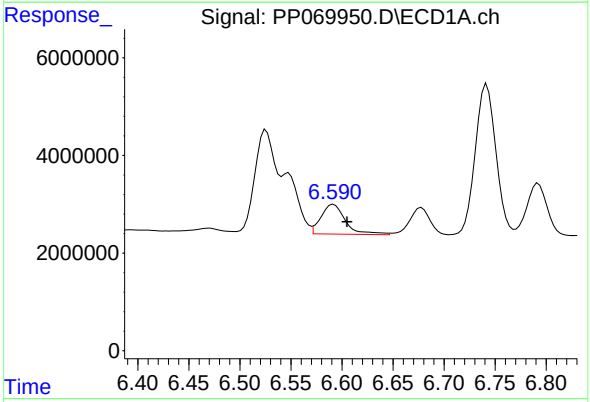
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



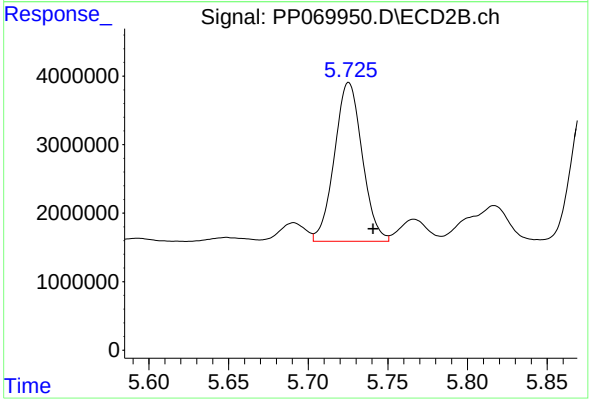
#19 AR-1242-4

R.T.: 5.230 min
Delta R.T.: 0.016 min
Response: 553278
Conc: 25.64 ng/ml



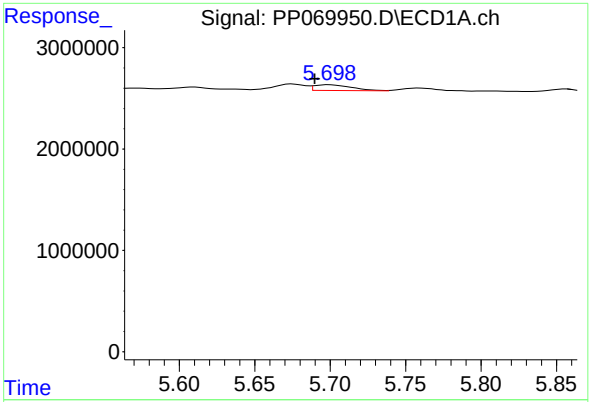
#20 AR-1242-5

R.T.: 6.592 min
Delta R.T.: -0.013 min
Response: 10155905
Conc: 311.68 ng/ml



#20 AR-1242-5

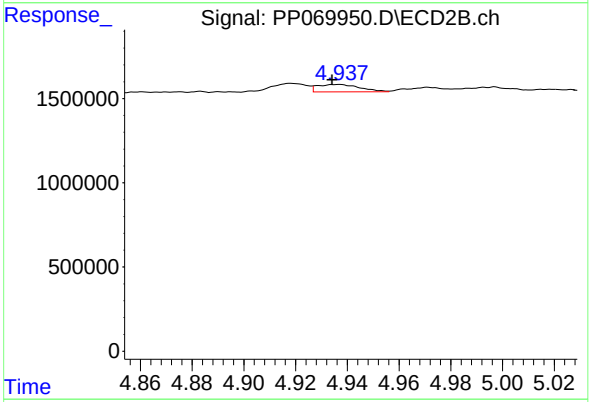
R.T.: 5.725 min
Delta R.T.: -0.015 min
Response: 28157292
Conc: 978.76 ng/ml



#21 AR-1248-1

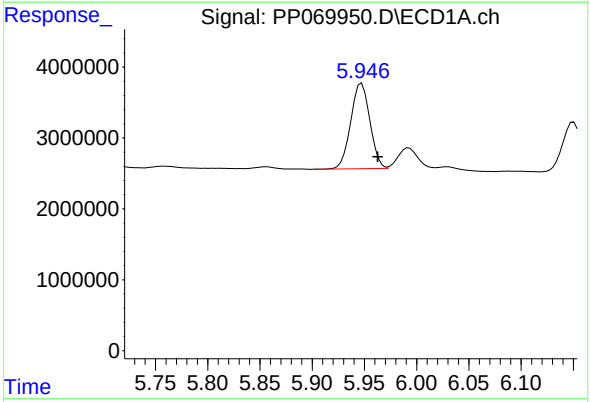
R.T.: 5.699 min
Delta R.T.: 0.010 min
Response: 964651
Conc: 29.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



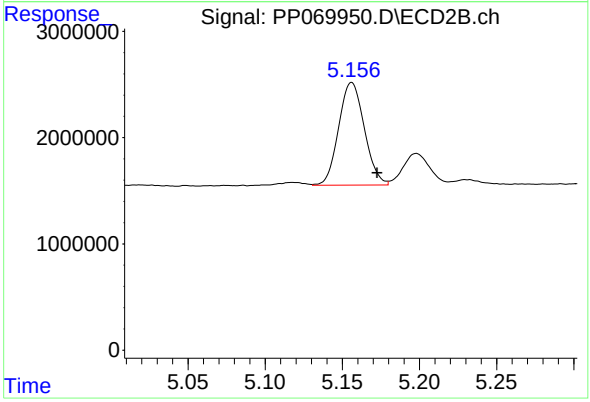
#21 AR-1248-1

R.T.: 4.936 min
Delta R.T.: 0.002 min
Response: 494026
Conc: 22.44 ng/ml



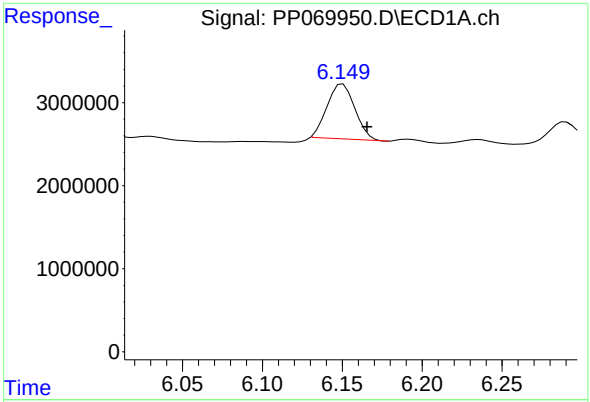
#22 AR-1248-2

R.T.: 5.947 min
Delta R.T.: -0.015 min
Response: 15325063
Conc: 361.05 ng/ml



#22 AR-1248-2

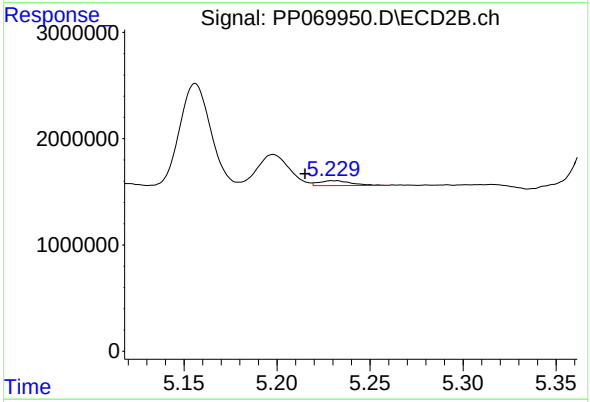
R.T.: 5.156 min
Delta R.T.: -0.016 min
Response: 11189735
Conc: 372.19 ng/ml



#23 AR-1248-3

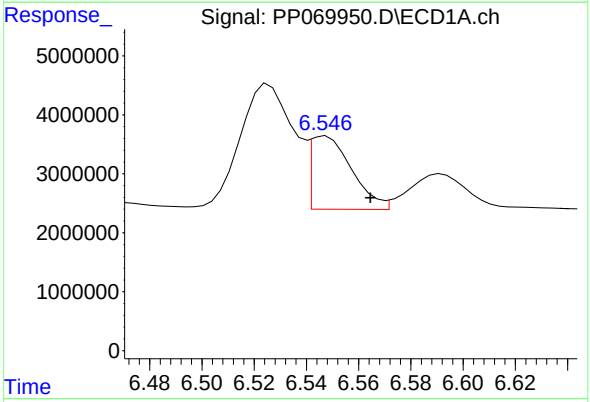
R.T.: 6.150 min
Delta R.T.: -0.015 min
Response: 8006379
Conc: 170.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



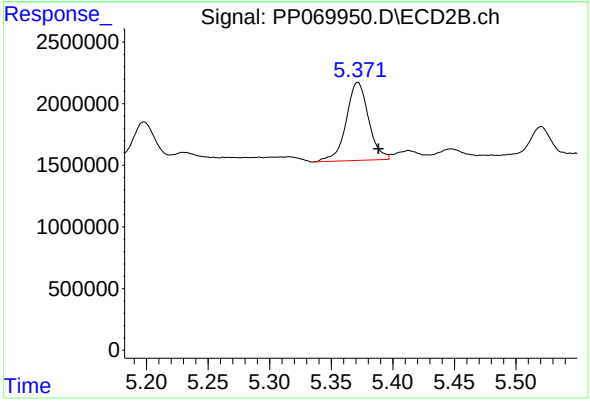
#23 AR-1248-3

R.T.: 5.230 min
Delta R.T.: 0.015 min
Response: 553278
Conc: 17.86 ng/ml



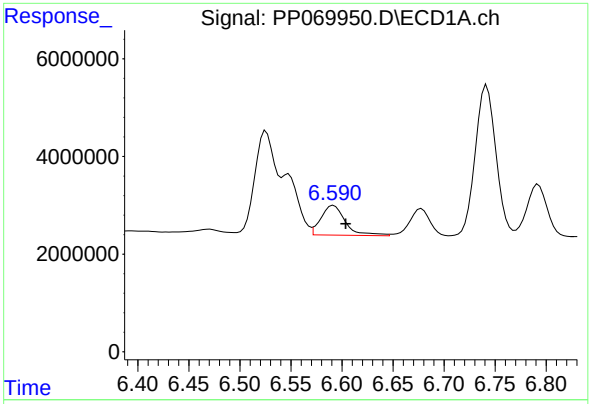
#24 AR-1248-4

R.T.: 6.548 min
Delta R.T.: -0.017 min
Response: 13626068
Conc: 247.20 ng/ml



#24 AR-1248-4

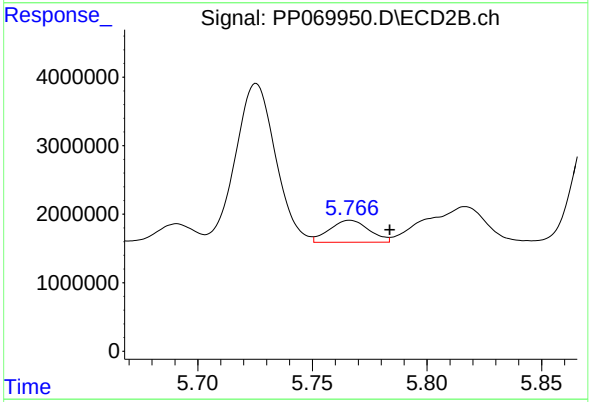
R.T.: 5.372 min
Delta R.T.: -0.017 min
Response: 8014513
Conc: 216.94 ng/ml



#25 AR-1248-5

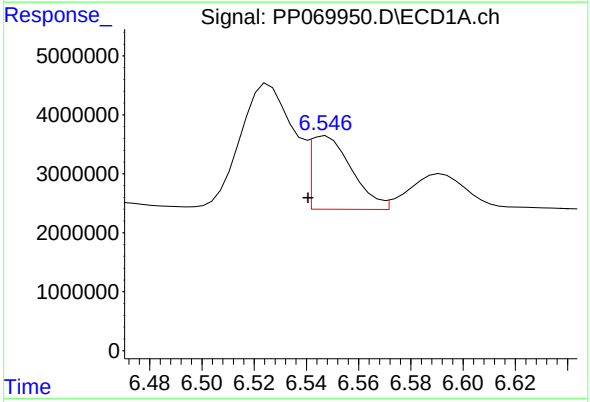
R.T.: 6.592 min
Delta R.T.: -0.012 min
Response: 10155905
Conc: 190.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



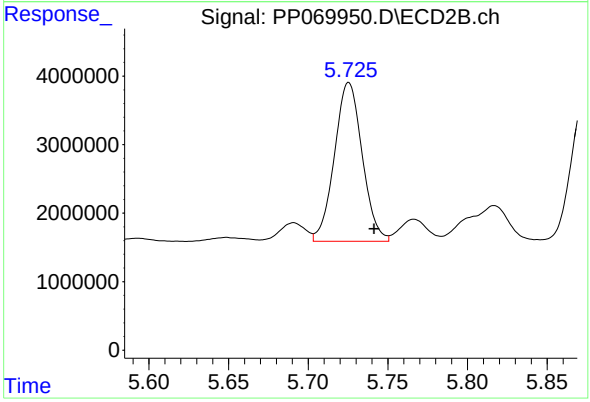
#25 AR-1248-5

R.T.: 5.766 min
Delta R.T.: -0.017 min
Response: 3872819
Conc: 103.58 ng/ml



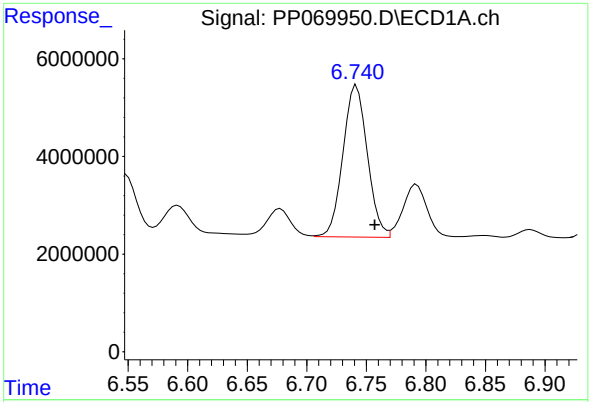
#26 AR-1254-1

R.T.: 6.548 min
Delta R.T.: 0.007 min
Response: 13626068
Conc: 235.49 ng/ml



#26 AR-1254-1

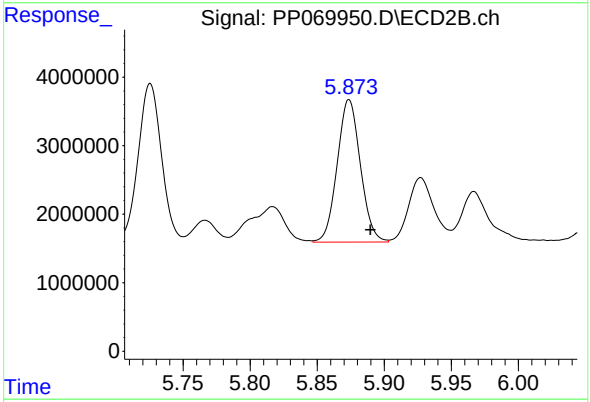
R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 28157292
Conc: 511.43 ng/ml



#27 AR-1254-2

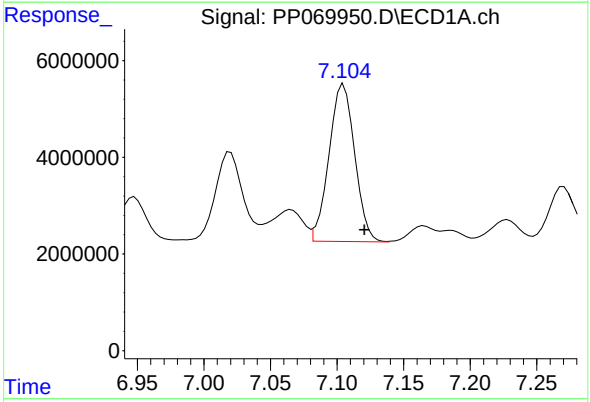
R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 44272908
Conc: 551.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



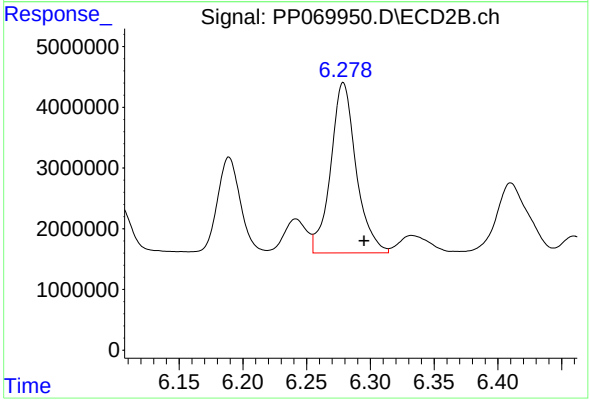
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 24997438
Conc: 516.81 ng/ml



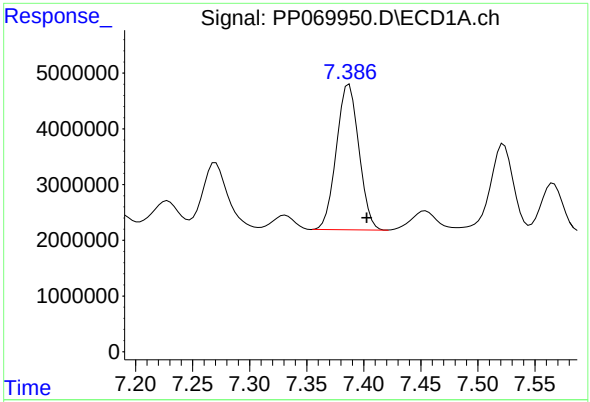
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.016 min
Response: 43772395
Conc: 519.32 ng/ml



#28 AR-1254-3

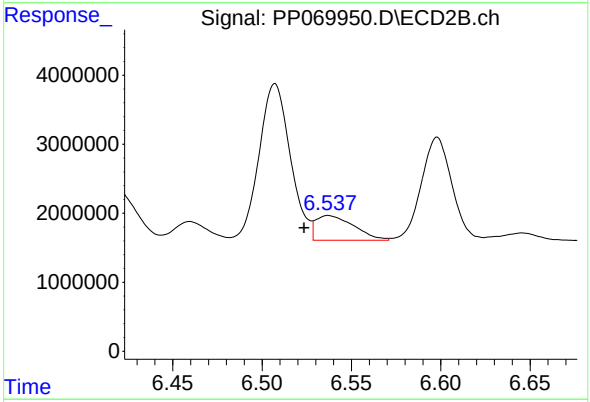
R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 38952286
Conc: 513.23 ng/ml



#29 AR-1254-4

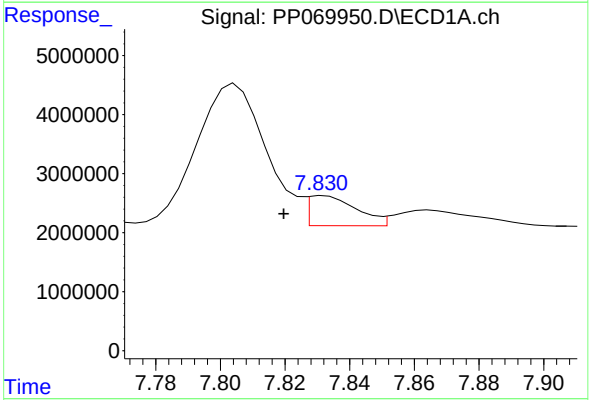
R.T.: 7.387 min
Delta R.T.: -0.015 min
Response: 35918284
Conc: 526.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



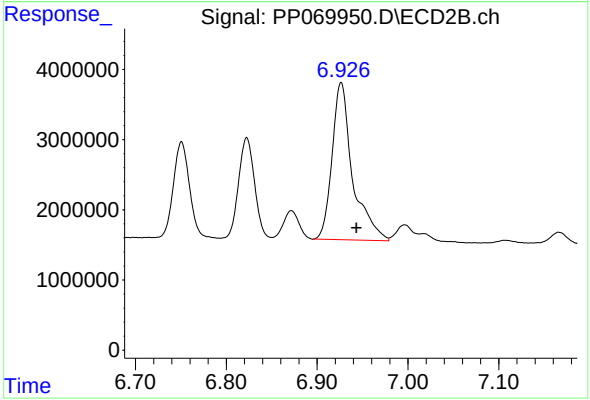
#29 AR-1254-4

R.T.: 6.537 min
Delta R.T.: 0.014 min
Response: 5307175
Conc: 103.56 ng/ml



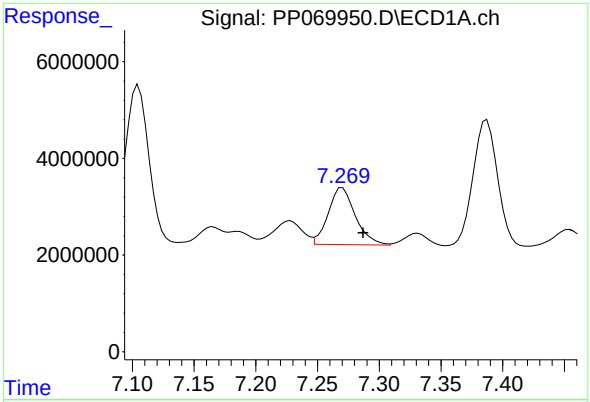
#30 AR-1254-5

R.T.: 7.832 min
Delta R.T.: 0.012 min
Response: 5292312
Conc: 77.78 ng/ml



#30 AR-1254-5

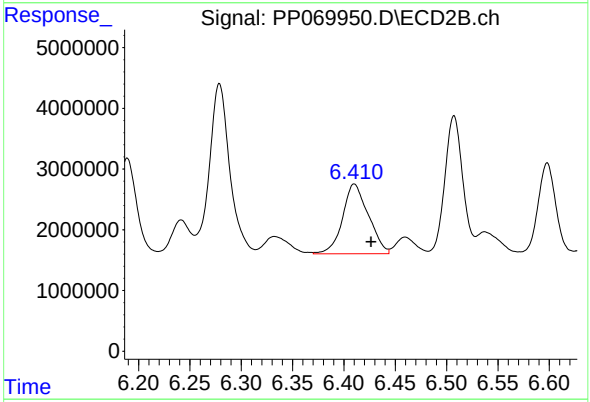
R.T.: 6.927 min
Delta R.T.: -0.017 min
Response: 35177945
Conc: 528.51 ng/ml



#31 AR-1260-1

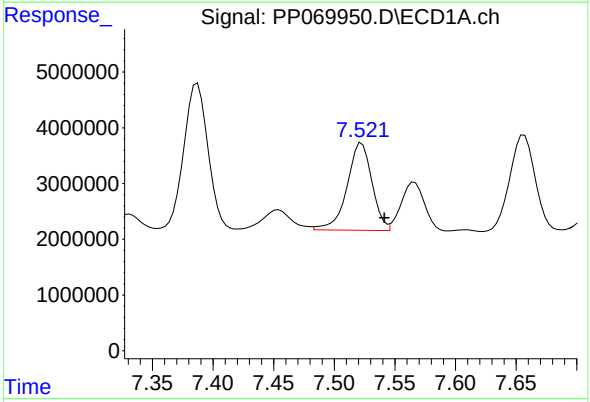
R.T.: 7.270 min
Delta R.T.: -0.017 min
Response: 18014882
Conc: 308.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



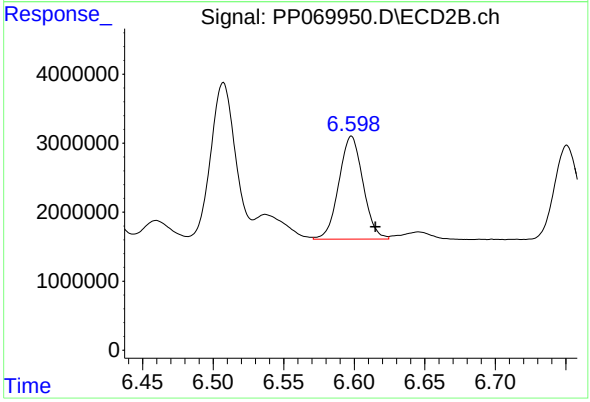
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.016 min
Response: 20114657
Conc: 417.06 ng/ml



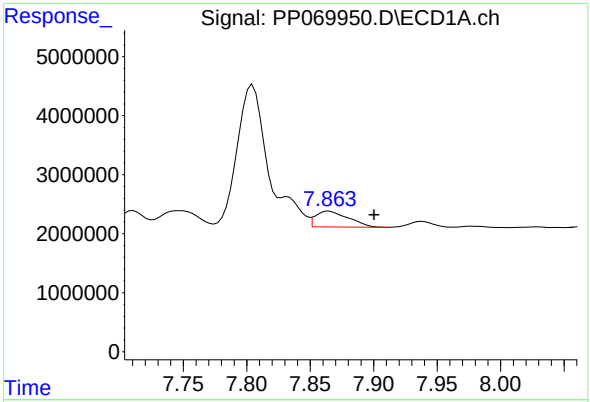
#32 AR-1260-2

R.T.: 7.523 min
Delta R.T.: -0.019 min
Response: 22453605
Conc: 288.56 ng/ml



#32 AR-1260-2

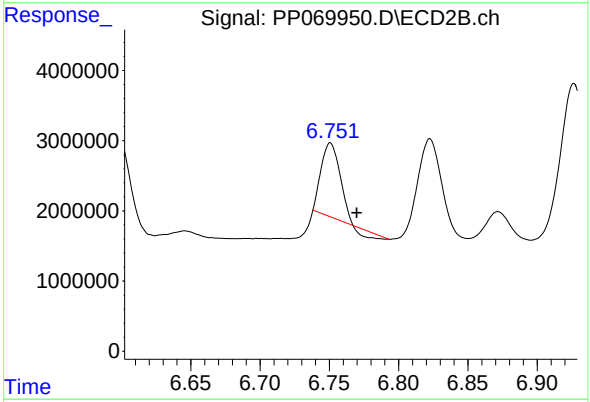
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 17790468
Conc: 290.20 ng/ml



#33 AR-1260-3

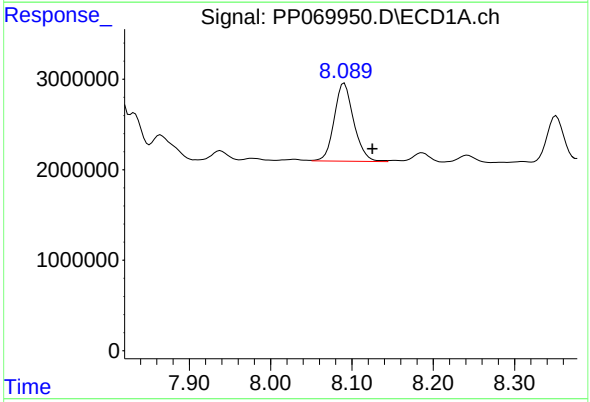
R.T.: 7.865 min
Delta R.T.: -0.035 min
Response: 4824282
Conc: 77.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



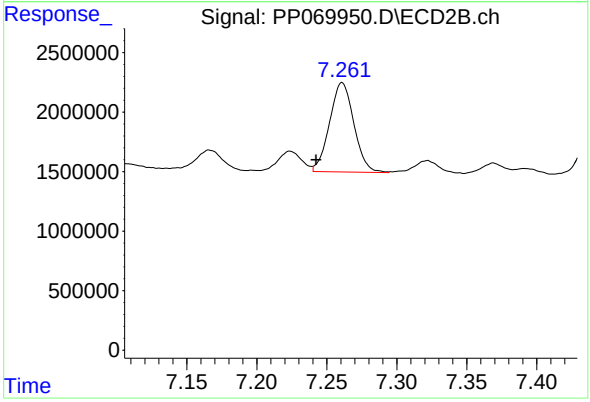
#33 AR-1260-3

R.T.: 6.751 min
Delta R.T.: -0.019 min
Response: 9187102
Conc: 152.72 ng/ml



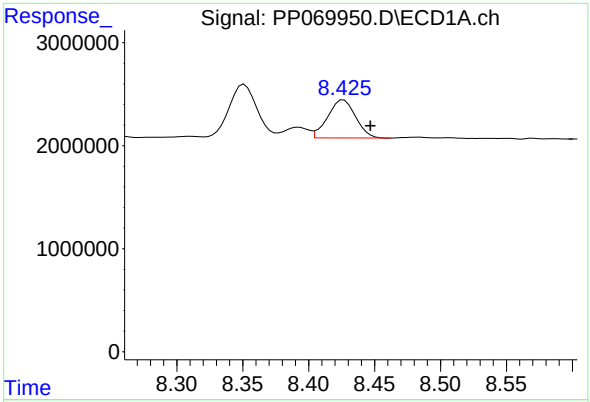
#34 AR-1260-4

R.T.: 8.091 min
Delta R.T.: -0.035 min
Response: 14360037
Conc: 217.65 ng/ml



#34 AR-1260-4

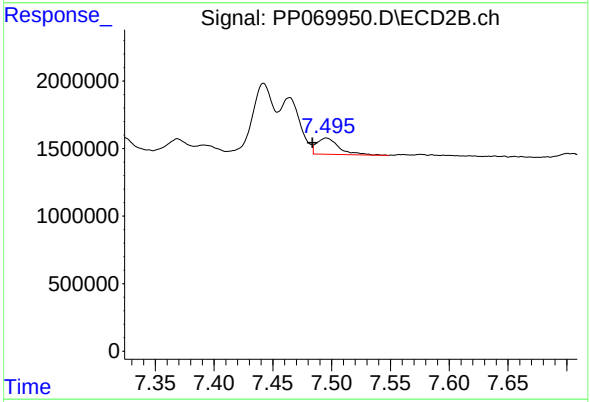
R.T.: 7.261 min
Delta R.T.: 0.019 min
Response: 9094704
Conc: 195.72 ng/ml



#35 AR-1260-5

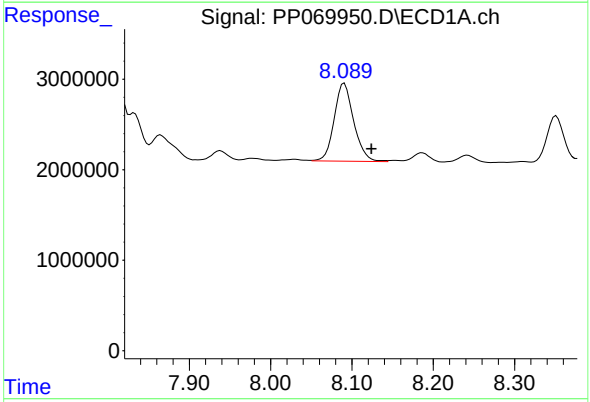
R.T.: 8.427 min
Delta R.T.: -0.020 min
Response: 5457628
Conc: 41.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



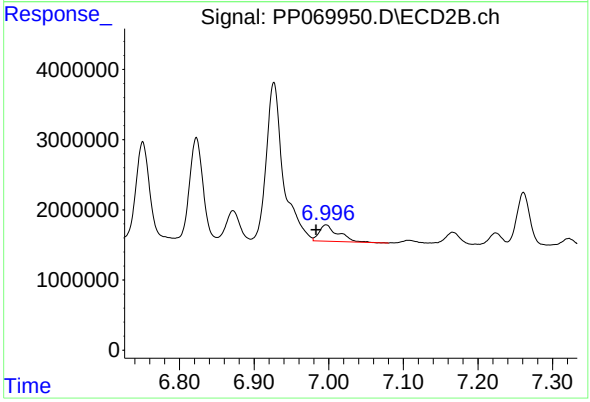
#35 AR-1260-5

R.T.: 7.496 min
Delta R.T.: 0.012 min
Response: 1582380
Conc: 14.24 ng/ml



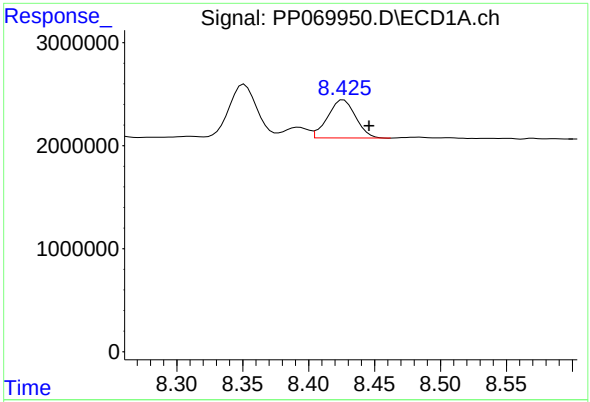
#36 AR-1262-1

R.T.: 8.091 min
Delta R.T.: -0.033 min
Response: 14360037
Conc: 181.73 ng/ml



#36 AR-1262-1

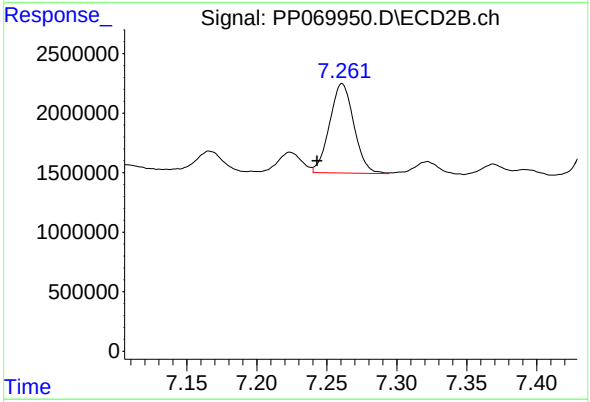
R.T.: 6.997 min
Delta R.T.: 0.013 min
Response: 4167442
Conc: 58.69 ng/ml



#37 AR-1262-2

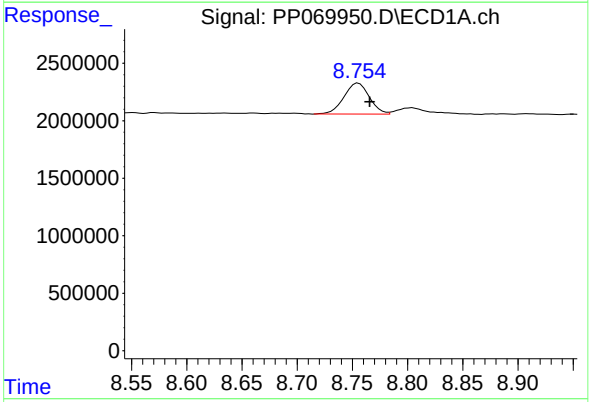
R.T.: 8.427 min
Delta R.T.: -0.019 min
Response: 5457628
Conc: 35.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



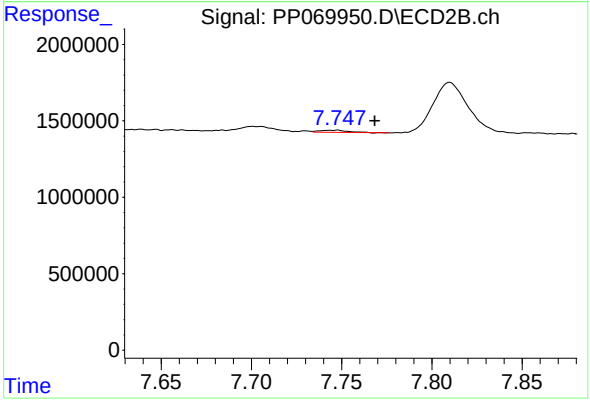
#37 AR-1262-2

R.T.: 7.261 min
Delta R.T.: 0.018 min
Response: 9094704
Conc: 149.14 ng/ml



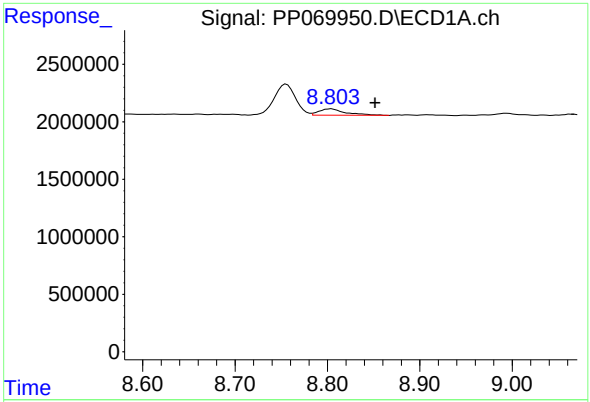
#38 AR-1262-3

R.T.: 8.755 min
Delta R.T.: -0.010 min
Response: 4326419
Conc: 40.71 ng/ml



#38 AR-1262-3

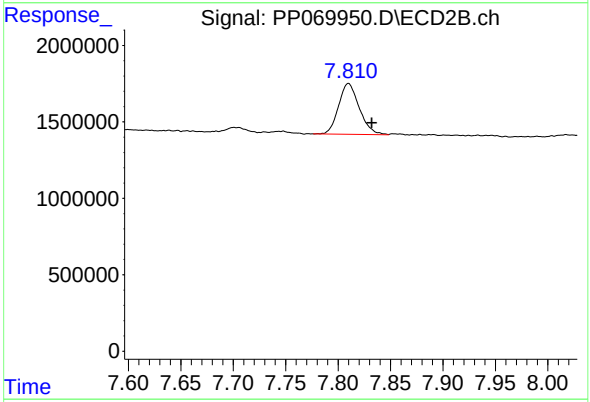
R.T.: 7.747 min
Delta R.T.: -0.021 min
Response: 148425
Conc: 2.84 ng/ml



#39 AR-1262-4

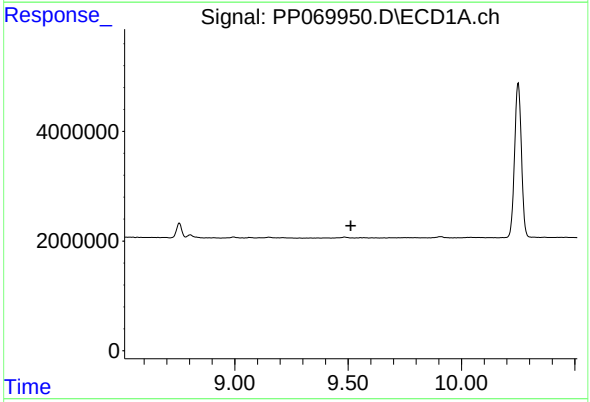
R.T.: 8.805 min
Delta R.T.: -0.047 min
Response: 1121215
Conc: 13.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



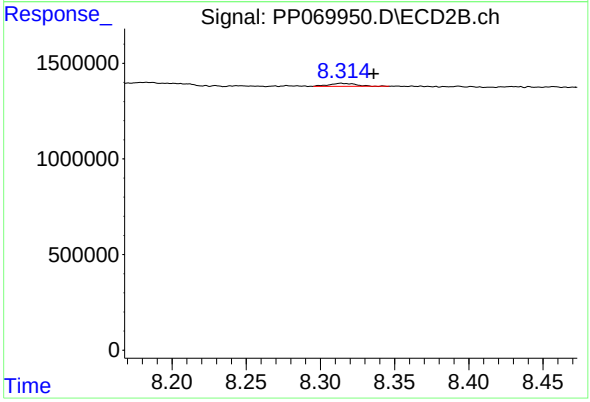
#39 AR-1262-4

R.T.: 7.810 min
Delta R.T.: -0.022 min
Response: 4573977
Conc: 49.48 ng/ml



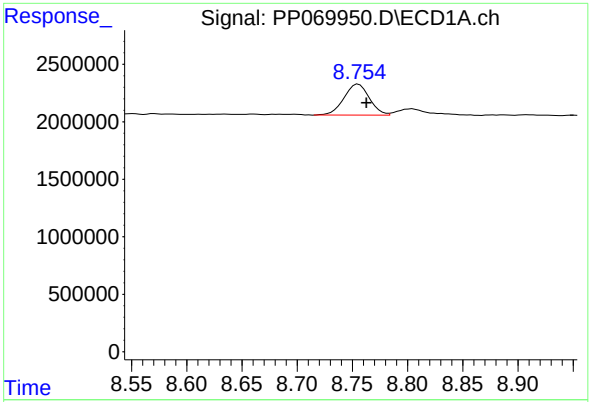
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

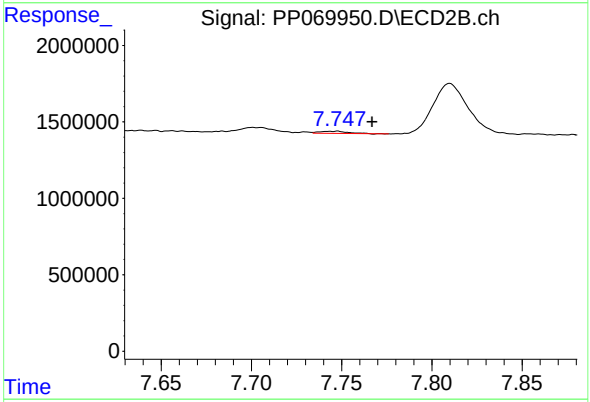
R.T.: 8.314 min
Delta R.T.: -0.022 min
Response: 195659
Conc: 4.09 ng/ml



#41 AR-1268-1

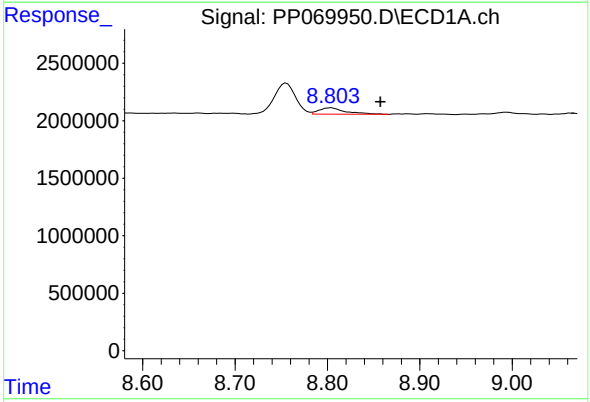
R.T.: 8.755 min
Delta R.T.: -0.007 min
Response: 4326419
Conc: 24.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



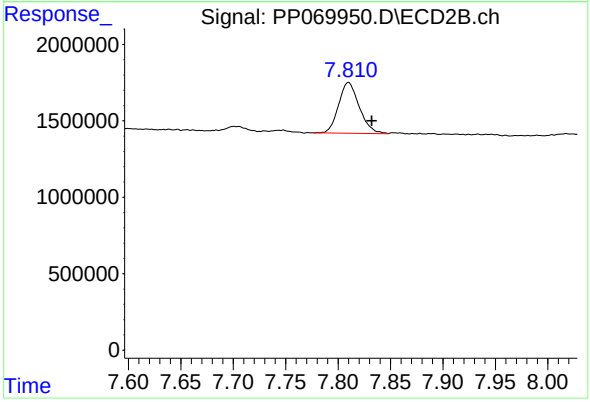
#41 AR-1268-1

R.T.: 7.747 min
Delta R.T.: -0.019 min
Response: 148425
Conc: 1.02 ng/ml



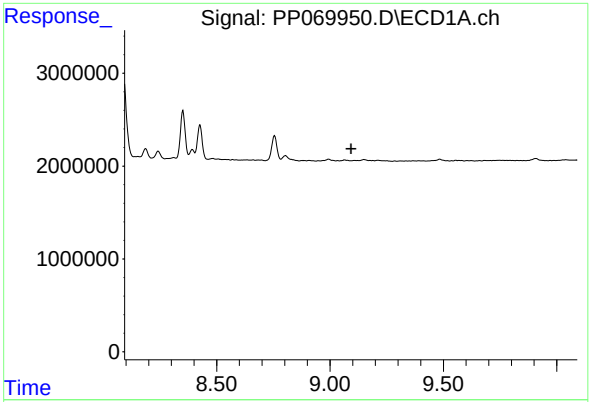
#42 AR-1268-2

R.T.: 8.805 min
Delta R.T.: -0.053 min
Response: 1121215
Conc: 7.12 ng/ml



#42 AR-1268-2

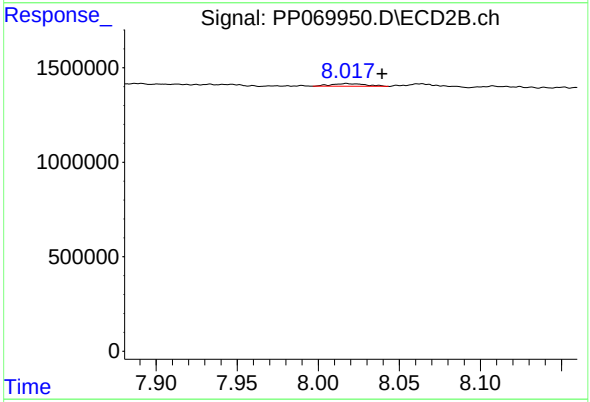
R.T.: 7.810 min
Delta R.T.: -0.022 min
Response: 4573977
Conc: 34.44 ng/ml



#43 AR-1268-3

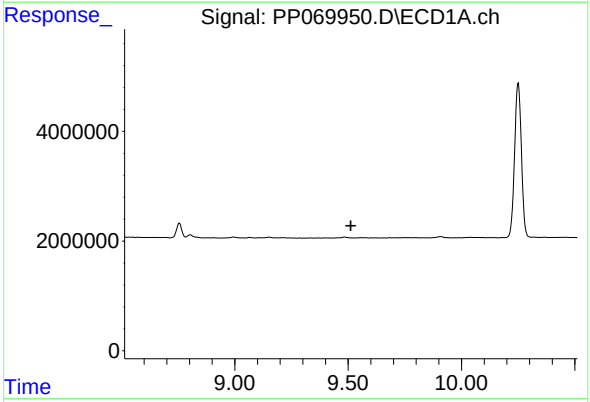
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



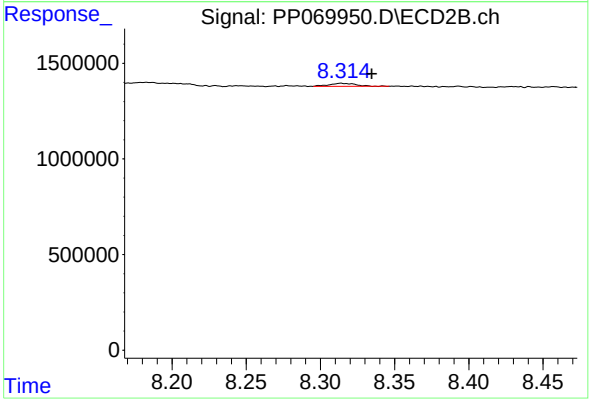
#43 AR-1268-3

R.T.: 8.017 min
Delta R.T.: -0.022 min
Response: 210272
Conc: 1.85 ng/ml



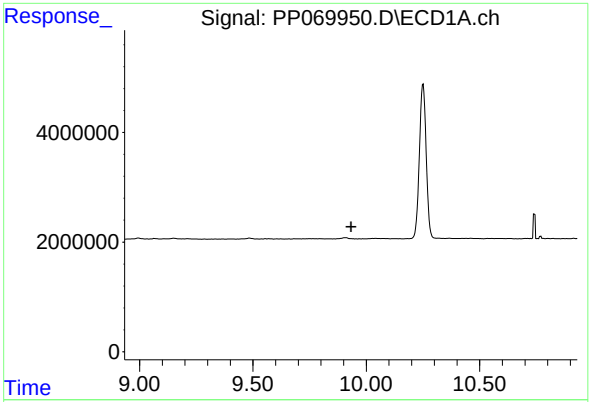
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

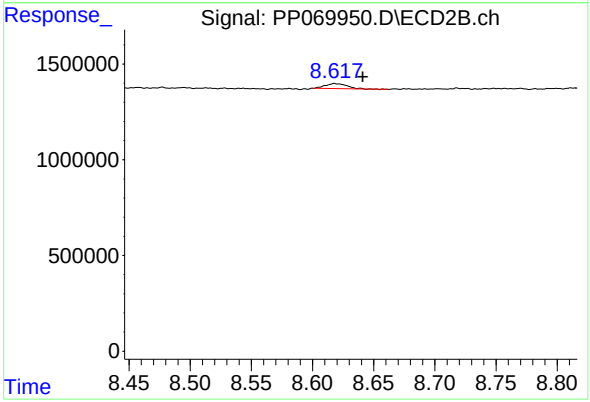
R.T.: 8.314 min
Delta R.T.: -0.021 min
Response: 195659
Conc: 3.76 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 8.618 min
Delta R.T.: -0.023 min
Response: 316524
Conc: 0.89 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069951.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:58
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:05:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.526	3.829	36714114	21017720	25.648	23.548	
2)	SA Decachlor...	10.253	8.887	26925500	26589192	24.637	23.773	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.975f	0	82283	N.D.	2.523	#
4)	L1 AR-1016-2	0.000	4.975	0	82283	N.D.	1.830	#
5)	L1 AR-1016-3	5.823f	5.178f	423605	1166171	9.945	46.864	#
6)	L1 AR-1016-4	5.874	5.178	556651	1166171	15.904	57.742	#
7)	L1 AR-1016-5	0.000	5.366	0	1968454	N.D.	73.384	#
8)	L2 AR-1221-1	0.000	3.989f	0	278240	N.D.	22.588	#
9)	L2 AR-1221-2	4.829	4.133	676400	429883	49.399	44.394	
10)	L2 AR-1221-3	4.829f	4.219	676400	58697	16.126	2.012	#
11)	L3 AR-1232-1	4.829f	4.219	676400	58697	20.316	2.500	#
12)	L3 AR-1232-2	0.000	4.975	0	82283	N.D.	3.491	#
13)	L3 AR-1232-3	0.000	5.178f	0	1166171	N.D.	90.071	#
14)	L3 AR-1232-4	5.874	5.204	556651	559724	31.244	50.488	#
15)	L3 AR-1232-5	5.967	5.366	994825	1968454	86.790	161.212	#
16)	L4 AR-1242-1	0.000	4.975f	0	82283	N.D.	2.854	#
17)	L4 AR-1242-2	0.000	4.975	0	82283	N.D.	2.089	#
18)	L4 AR-1242-3	5.823f	5.178f	423605	1166171	11.418	51.820	#
19)	L4 AR-1242-4	5.874	5.204	556651	559724	16.974	25.934	#
20)	L4 AR-1242-5	6.615	5.749	3522710	2380556	108.111	82.749	
21)	L5 AR-1248-1	0.000	4.975f	0	82283	N.D.	3.738	#
22)	L5 AR-1248-2	5.967	5.178	994825	1166171	23.437	38.789	#
23)	L5 AR-1248-3	0.000	5.204	0	559724	N.D.	18.065	#
24)	L5 AR-1248-4	6.559	5.366	4279207	1968454	77.633	53.283	#
25)	L5 AR-1248-5	6.615	5.749	3522710	2380556	65.988	63.669	
26)	L6 AR-1254-1	6.534	5.749	3764560	2380556	65.059	43.239	#
27)	L6 AR-1254-2	6.749	5.881	10463549	3371624	130.400	69.707	#
28)	L6 AR-1254-3	7.102	6.292	10469726	1744766	124.213	22.989	#
29)	L6 AR-1254-4	7.375	6.528	4790561	480151	70.255	9.369	#
30)	L6 AR-1254-5	0.000	6.965	0	92961	N.D.	1.397	#
31)	L7 AR-1260-1	7.323f	6.420	3774272	1971041	64.588	40.868	#
32)	L7 AR-1260-2	7.535	6.577f	2475639	2960515	31.815	48.293	#
33)	L7 AR-1260-3	0.000	6.755	0	511517	N.D.	8.503	#
34)	L7 AR-1260-4	0.000	7.197f	0	53911	N.D.	1.160	#
36)	L8 AR-1262-1	0.000	6.965	0	92961	N.D.	1.309	#
37)	L8 AR-1262-2	0.000	7.197f	0	53911	N.D.	0.884	#
38)	L8 AR-1262-3	0.000	7.780	0	1450774	N.D.	27.740	#
39)	L8 AR-1262-4	0.000	7.854	0	694254	N.D.	7.511	#
41)	L9 AR-1268-1	0.000	7.780	0	1450774	N.D.	9.997	#
42)	L9 AR-1268-2	0.000	7.854	0	694254	N.D.	5.227	#
45)	L9 AR-1268-5	0.000	8.620	0	107152	N.D.	0.301	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069951.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:58
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:05:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

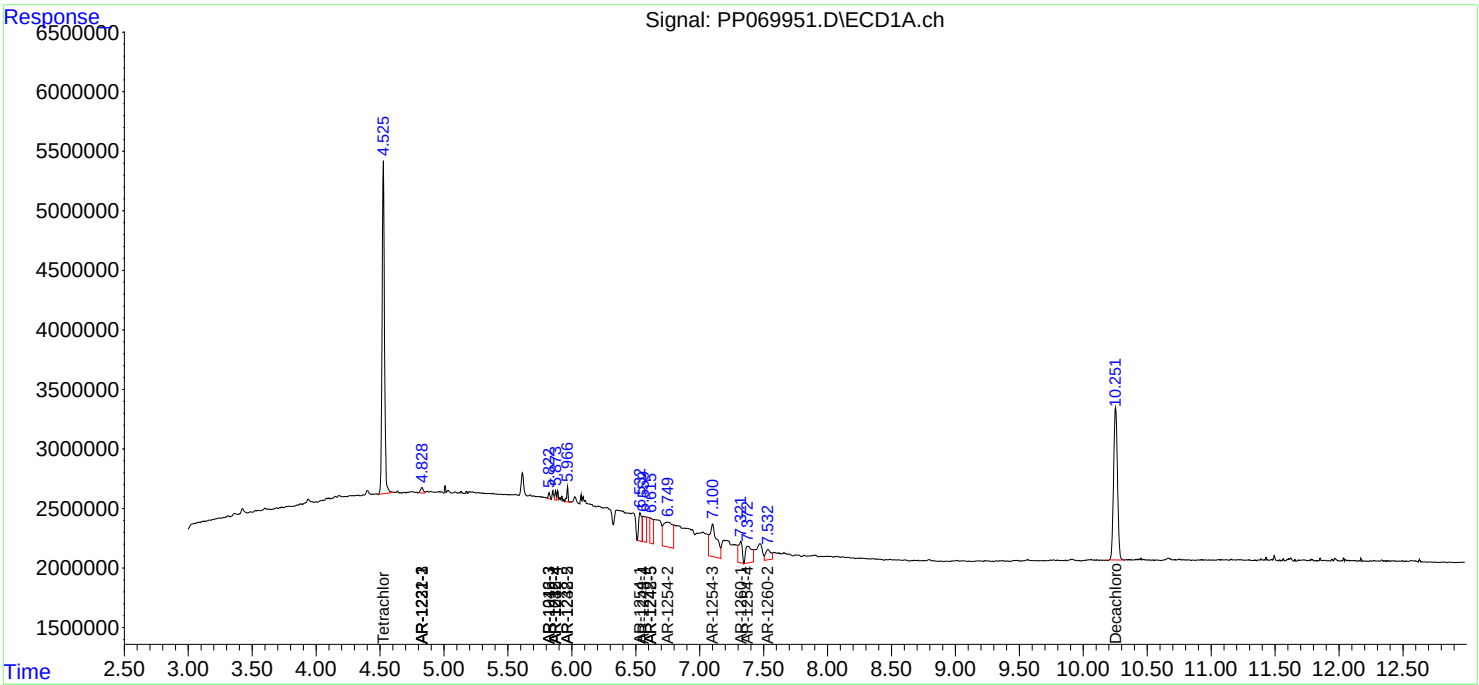
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

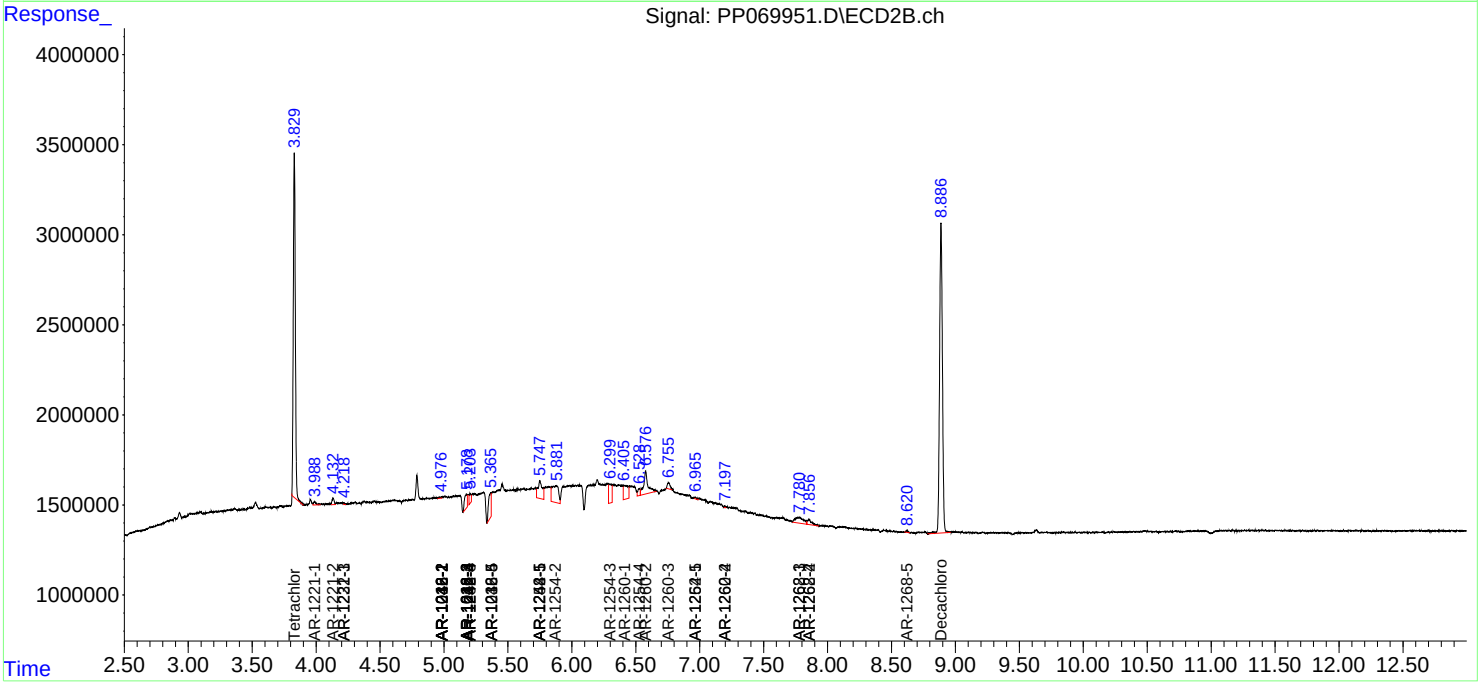
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022025\
Data File : PP069951.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 02:58
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

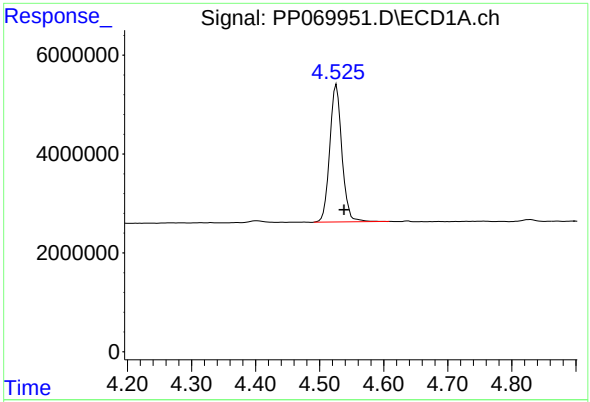
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:05:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



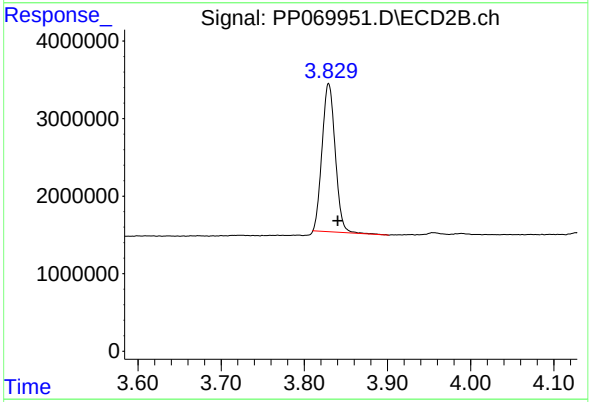




#1 Tetrachloro-m-xylene

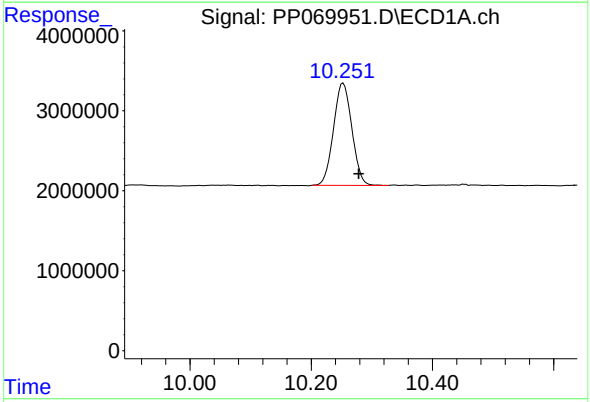
R.T.: 4.526 min
Delta R.T.: -0.012 min
Response: 36714114
Conc: 25.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



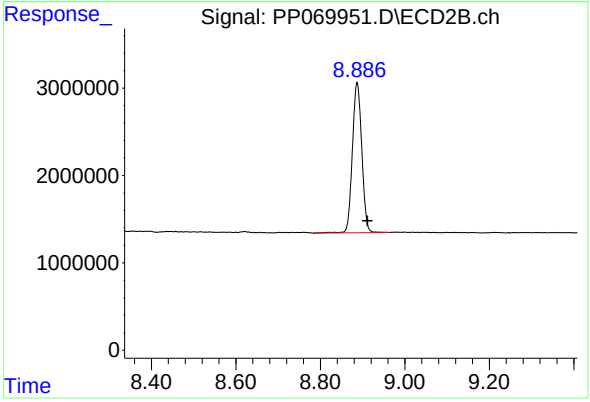
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 21017720
Conc: 23.55 ng/ml



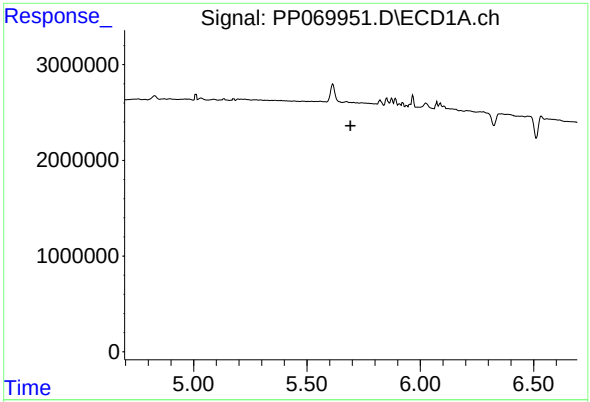
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.026 min
Response: 26925500
Conc: 24.64 ng/ml



#2 Decachlorobiphenyl

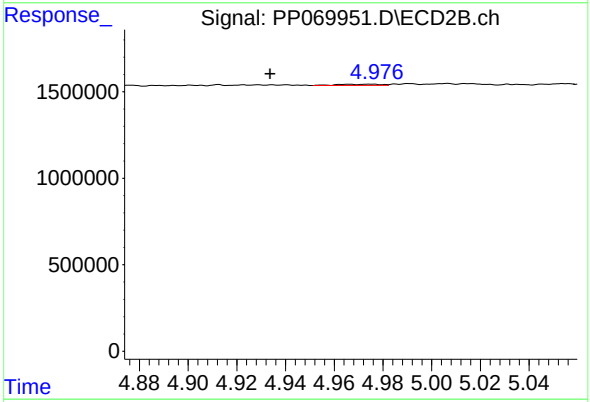
R.T.: 8.887 min
Delta R.T.: -0.024 min
Response: 26589192
Conc: 23.77 ng/ml



#3 AR-1016-1

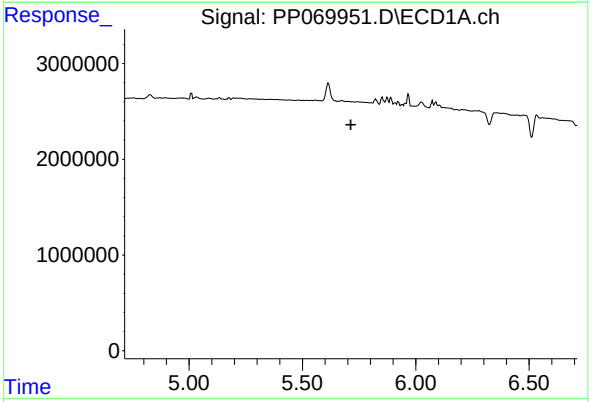
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



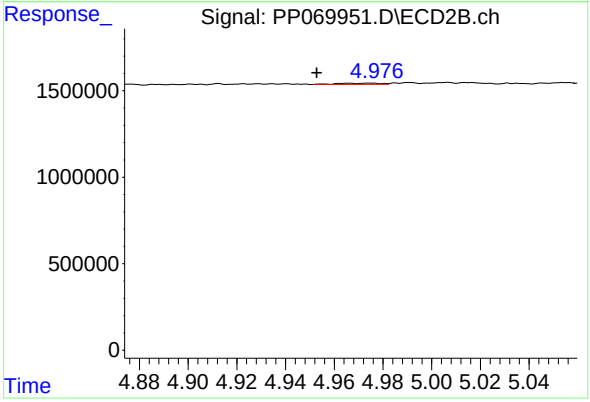
#3 AR-1016-1

R.T.: 4.975 min
Delta R.T.: 0.041 min
Response: 82283
Conc: 2.52 ng/ml



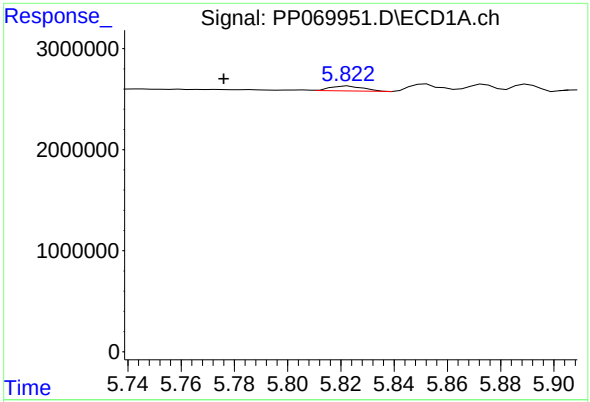
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

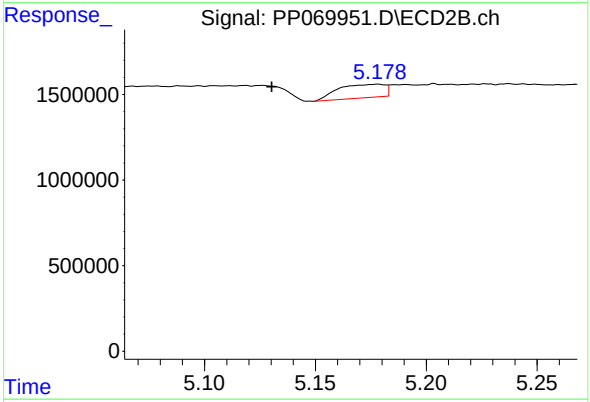
R.T.: 4.975 min
Delta R.T.: 0.022 min
Response: 82283
Conc: 1.83 ng/ml



#5 AR-1016-3

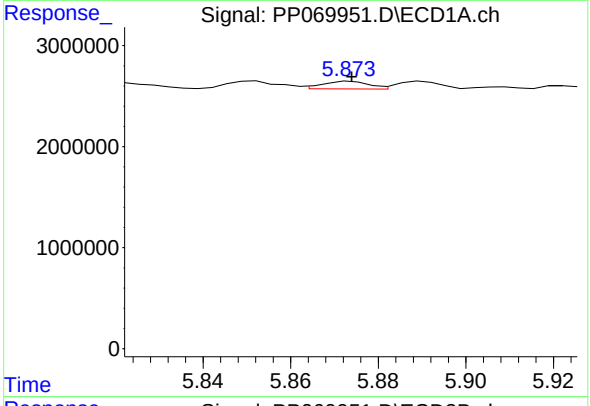
R.T.: 5.823 min
Delta R.T.: 0.047 min
Response: 423605
Conc: 9.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



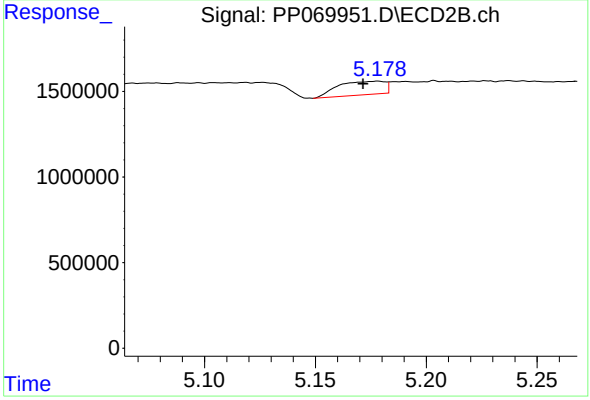
#5 AR-1016-3

R.T.: 5.178 min
Delta R.T.: 0.048 min
Response: 1166171
Conc: 46.86 ng/ml



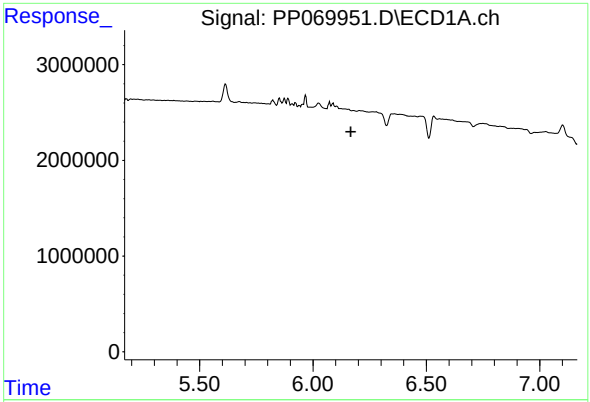
#6 AR-1016-4

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 556651
Conc: 15.90 ng/ml



#6 AR-1016-4

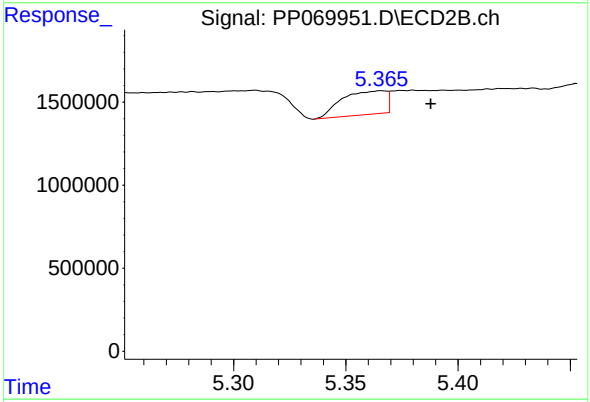
R.T.: 5.178 min
Delta R.T.: 0.006 min
Response: 1166171
Conc: 57.74 ng/ml



#7 AR-1016-5

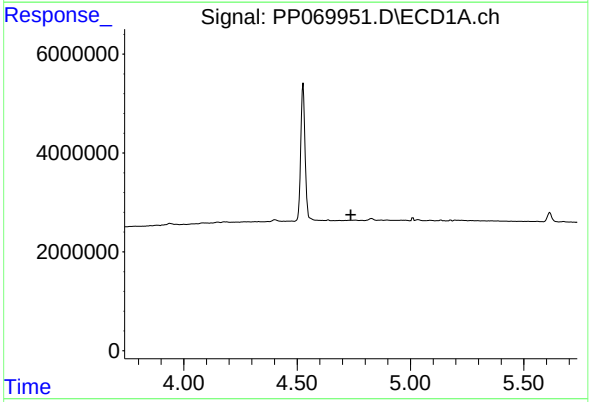
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



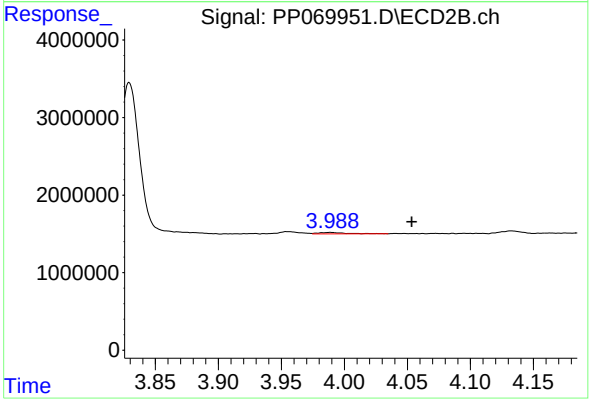
#7 AR-1016-5

R.T.: 5.366 min
Delta R.T.: -0.022 min
Response: 1968454
Conc: 73.38 ng/ml



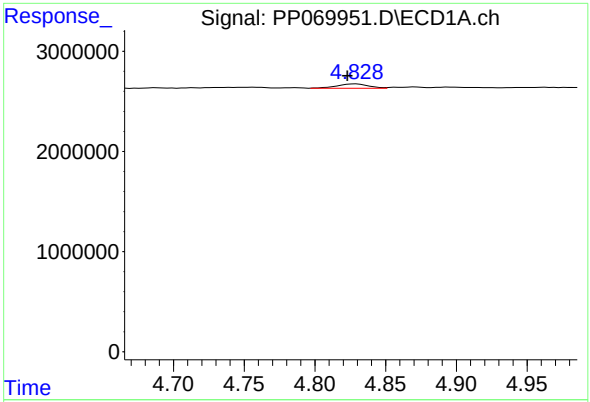
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

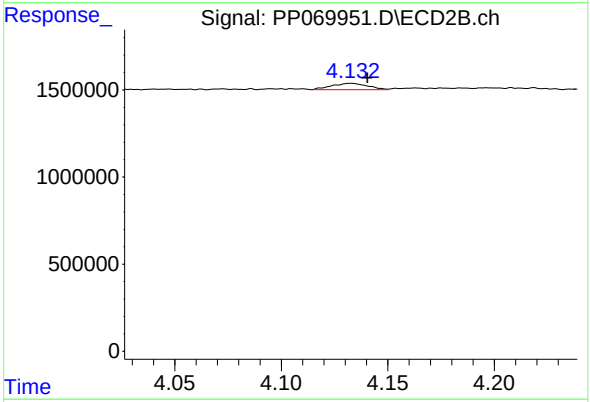
R.T.: 3.989 min
Delta R.T.: -0.065 min
Response: 278240
Conc: 22.59 ng/ml



#9 AR-1221-2

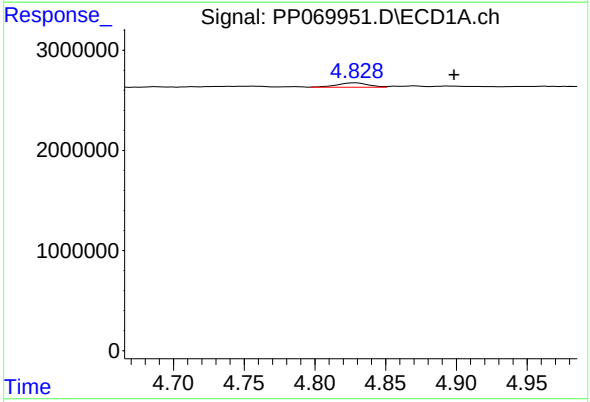
R.T.: 4.829 min
Delta R.T.: 0.006 min
Response: 676400
Conc: 49.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



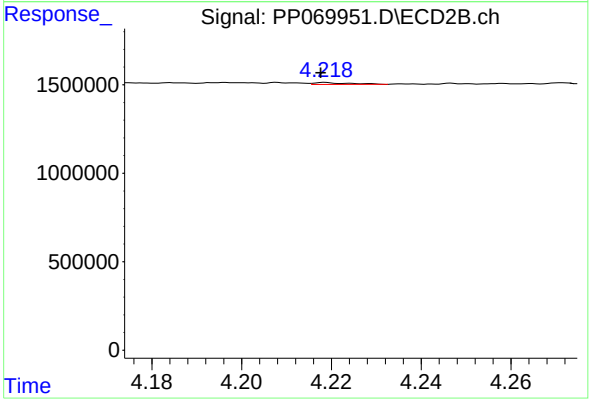
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 429883
Conc: 44.39 ng/ml



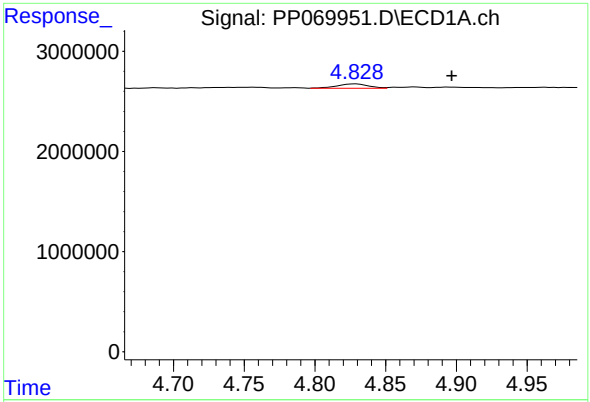
#10 AR-1221-3

R.T.: 4.829 min
Delta R.T.: -0.070 min
Response: 676400
Conc: 16.13 ng/ml



#10 AR-1221-3

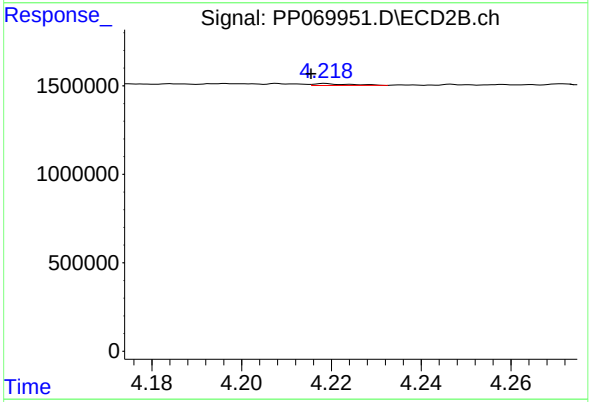
R.T.: 4.219 min
Delta R.T.: 0.001 min
Response: 58697
Conc: 2.01 ng/ml



#11 AR-1232-1

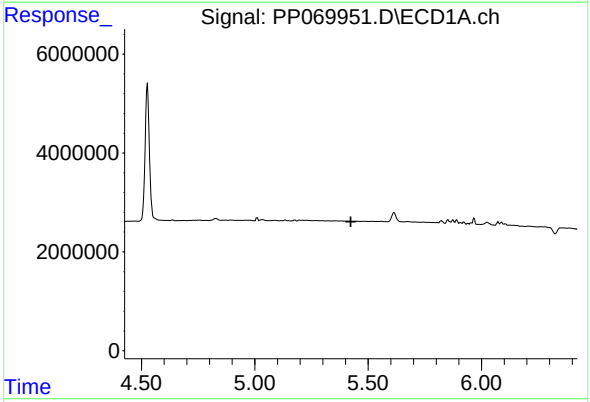
R.T.: 4.829 min
Delta R.T.: -0.068 min
Response: 676400
Conc: 20.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



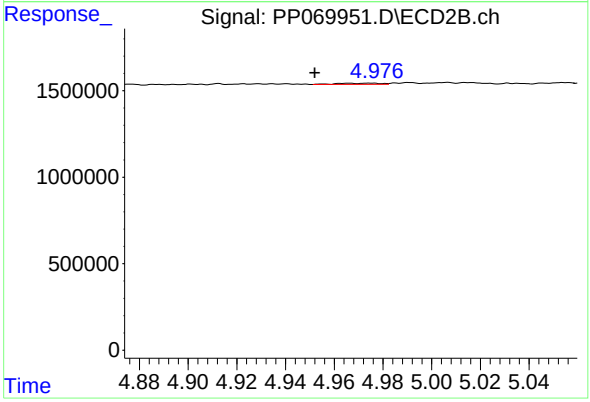
#11 AR-1232-1

R.T.: 4.219 min
Delta R.T.: 0.003 min
Response: 58697
Conc: 2.50 ng/ml



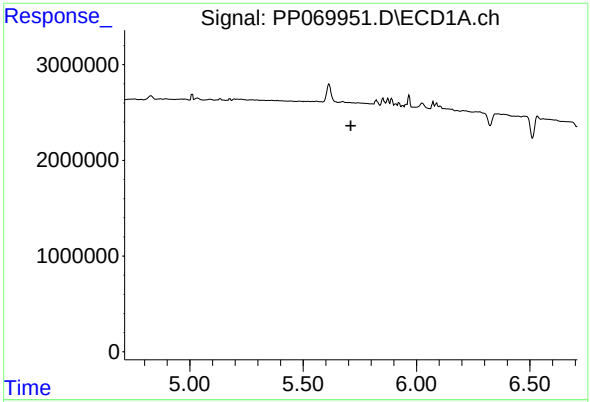
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

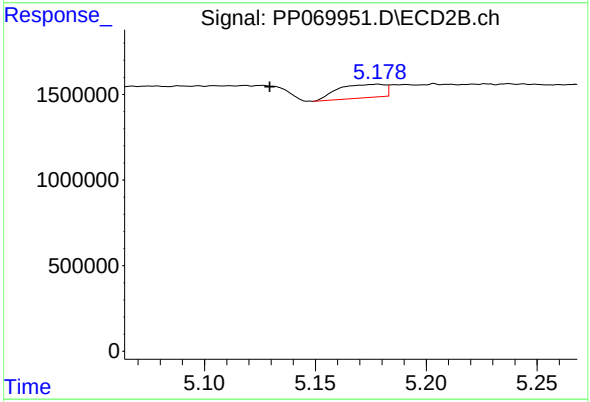
R.T.: 4.975 min
Delta R.T.: 0.023 min
Response: 82283
Conc: 3.49 ng/ml



#13 AR-1232-3

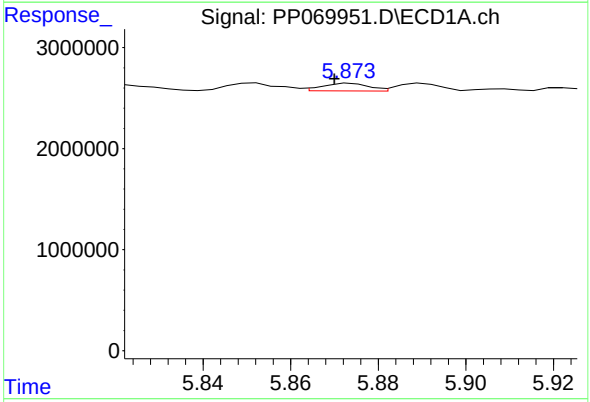
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



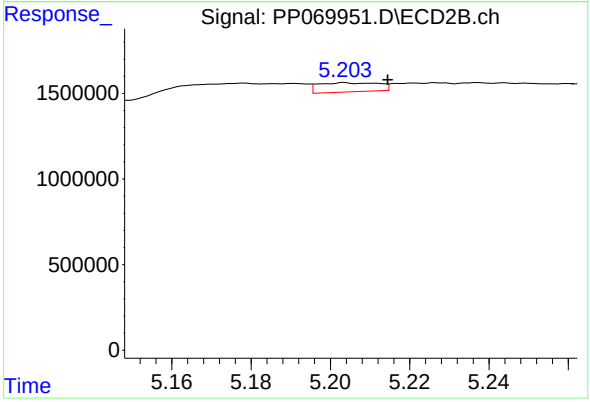
#13 AR-1232-3

R.T.: 5.178 min
Delta R.T.: 0.049 min
Response: 1166171
Conc: 90.07 ng/ml



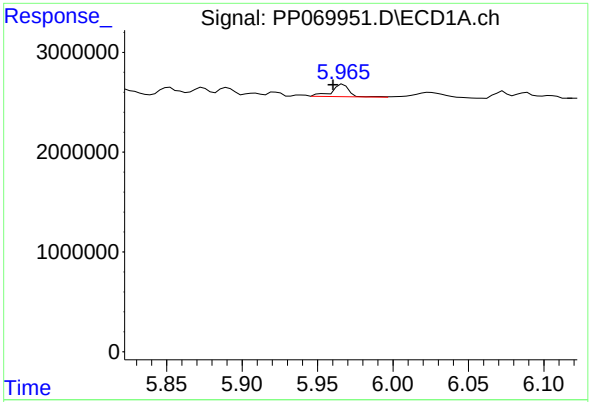
#14 AR-1232-4

R.T.: 5.874 min
Delta R.T.: 0.004 min
Response: 556651
Conc: 31.24 ng/ml



#14 AR-1232-4

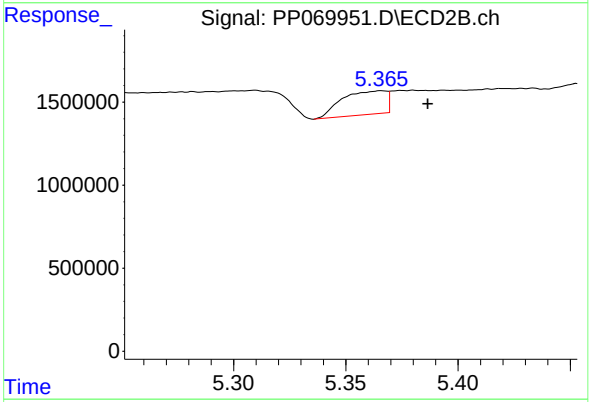
R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 559724
Conc: 50.49 ng/ml



#15 AR-1232-5

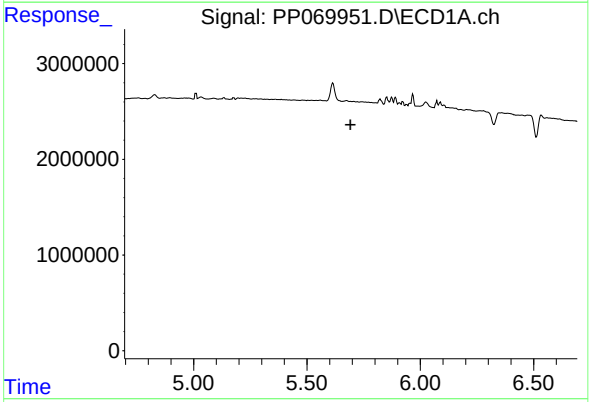
R.T.: 5.967 min
Delta R.T.: 0.007 min
Response: 994825
Conc: 86.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



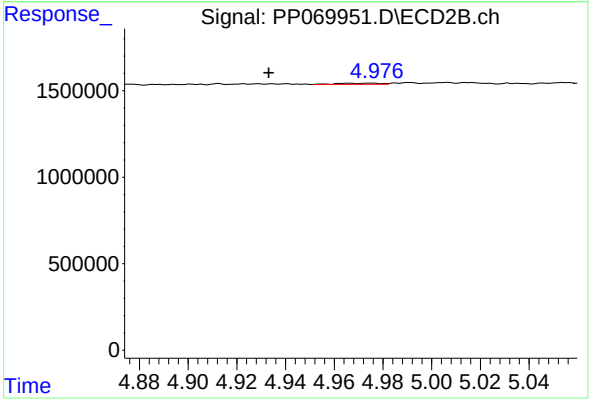
#15 AR-1232-5

R.T.: 5.366 min
Delta R.T.: -0.021 min
Response: 1968454
Conc: 161.21 ng/ml



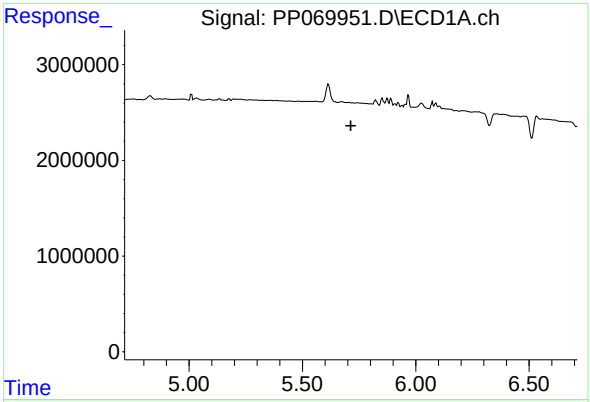
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

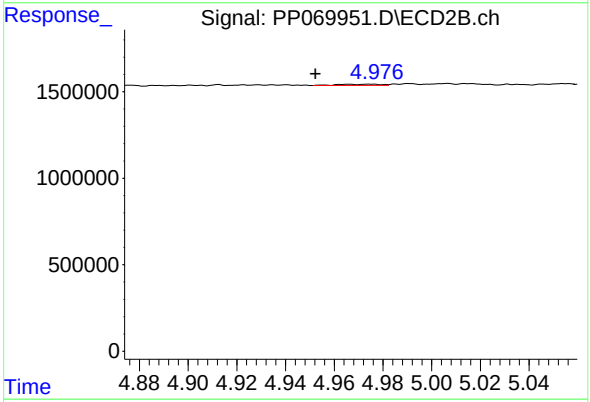
R.T.: 4.975 min
Delta R.T.: 0.042 min
Response: 82283
Conc: 2.85 ng/ml



#17 AR-1242-2

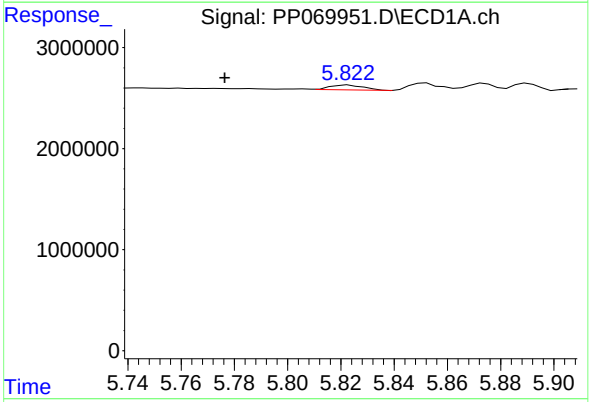
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



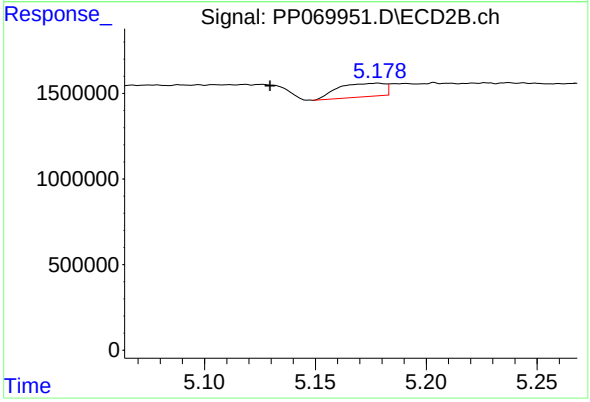
#17 AR-1242-2

R.T.: 4.975 min
Delta R.T.: 0.023 min
Response: 82283
Conc: 2.09 ng/ml



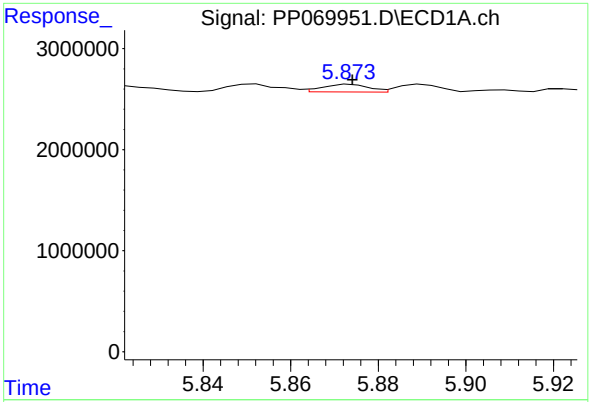
#18 AR-1242-3

R.T.: 5.823 min
Delta R.T.: 0.047 min
Response: 423605
Conc: 11.42 ng/ml



#18 AR-1242-3

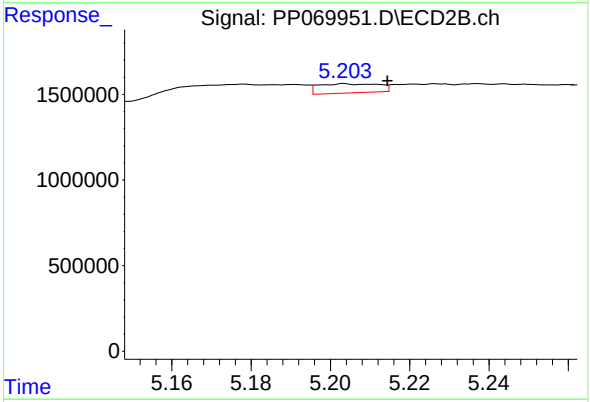
R.T.: 5.178 min
Delta R.T.: 0.048 min
Response: 1166171
Conc: 51.82 ng/ml



#19 AR-1242-4

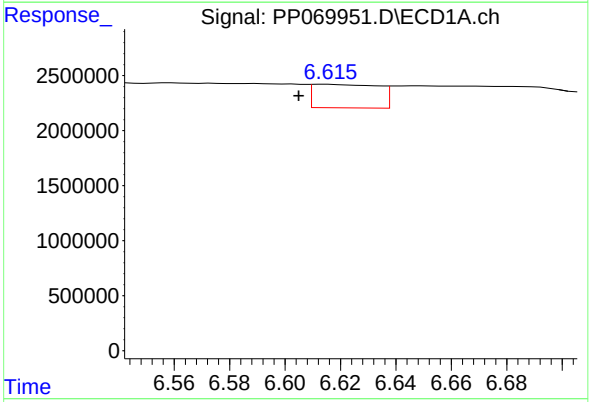
R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 556651
Conc: 16.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



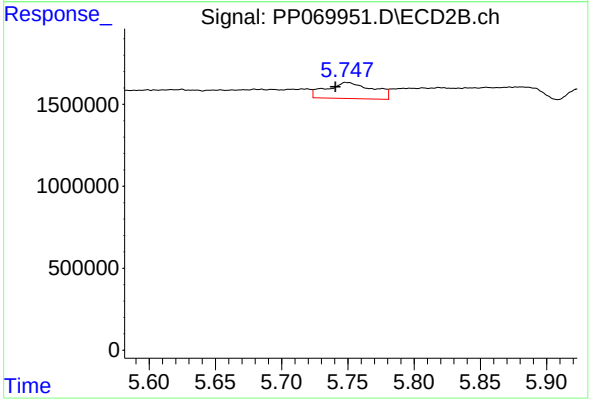
#19 AR-1242-4

R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 559724
Conc: 25.93 ng/ml



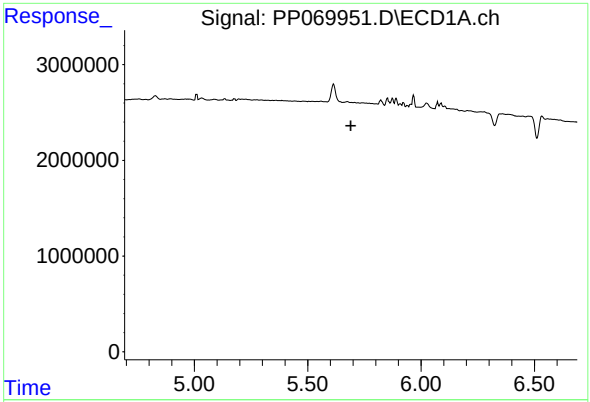
#20 AR-1242-5

R.T.: 6.615 min
Delta R.T.: 0.011 min
Response: 3522710
Conc: 108.11 ng/ml



#20 AR-1242-5

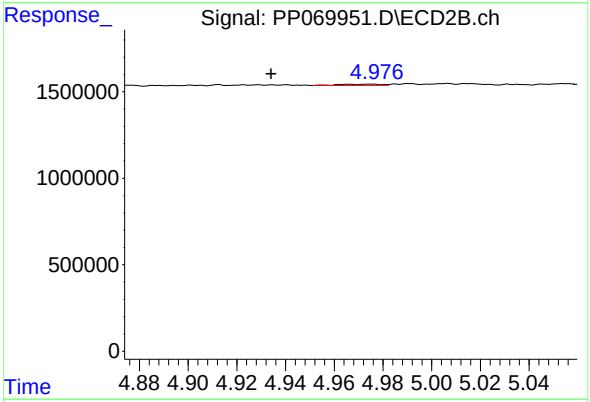
R.T.: 5.749 min
Delta R.T.: 0.009 min
Response: 2380556
Conc: 82.75 ng/ml



#21 AR-1248-1

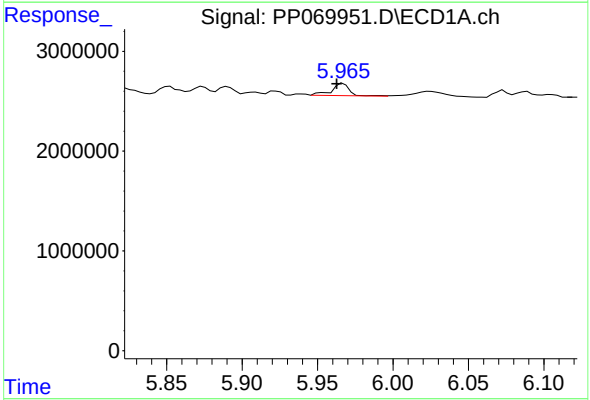
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



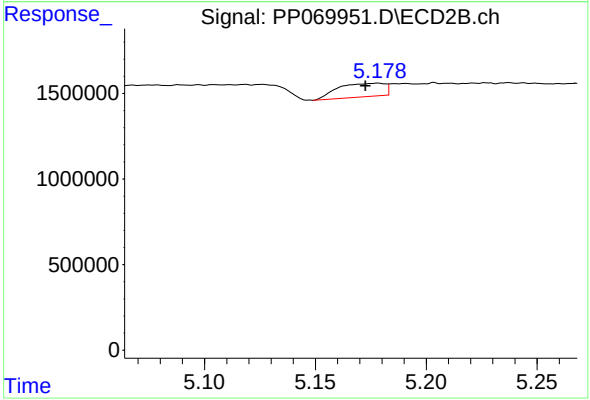
#21 AR-1248-1

R.T.: 4.975 min
Delta R.T.: 0.041 min
Response: 82283
Conc: 3.74 ng/ml



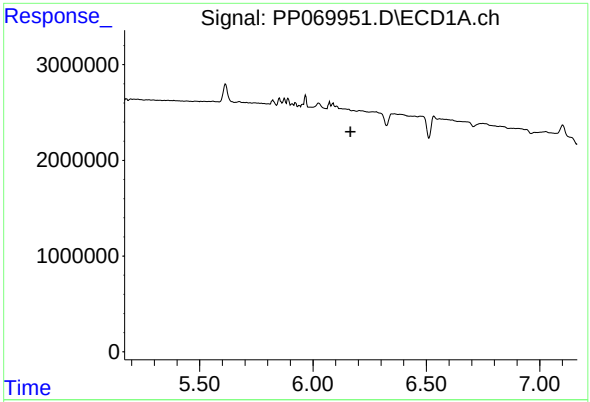
#22 AR-1248-2

R.T.: 5.967 min
Delta R.T.: 0.004 min
Response: 994825
Conc: 23.44 ng/ml



#22 AR-1248-2

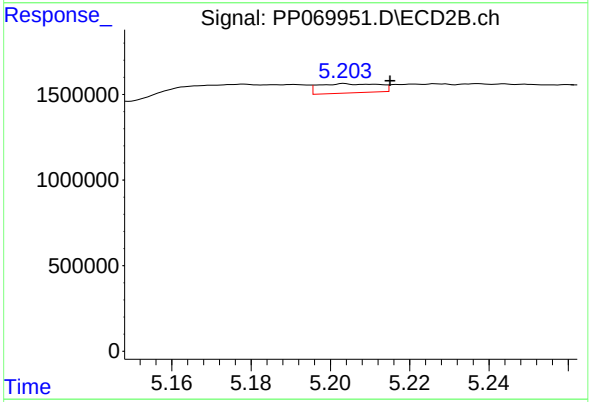
R.T.: 5.178 min
Delta R.T.: 0.005 min
Response: 1166171
Conc: 38.79 ng/ml



#23 AR-1248-3

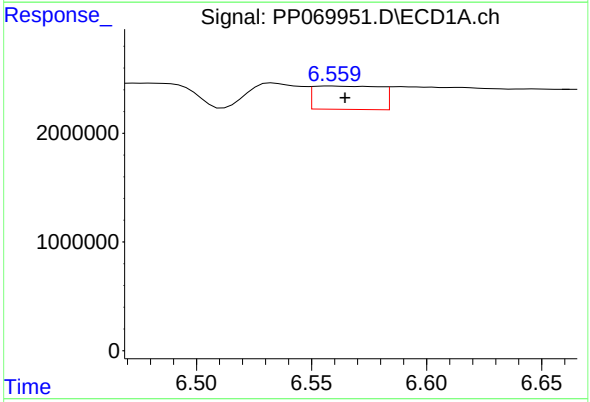
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



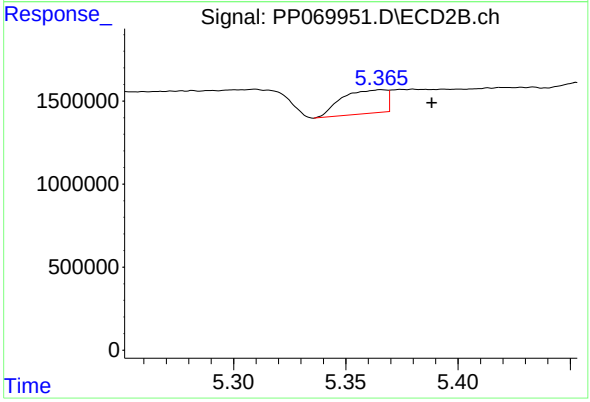
#23 AR-1248-3

R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 559724
Conc: 18.06 ng/ml



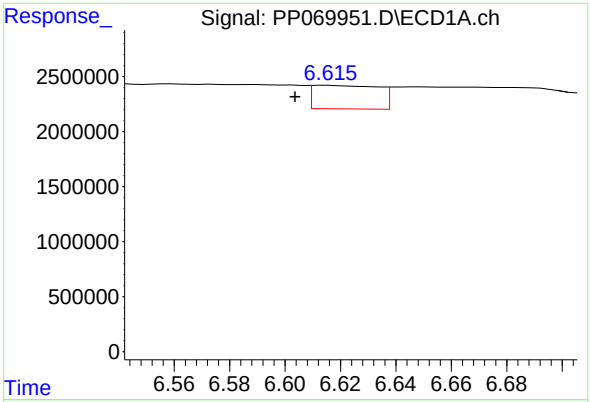
#24 AR-1248-4

R.T.: 6.559 min
Delta R.T.: -0.006 min
Response: 4279207
Conc: 77.63 ng/ml



#24 AR-1248-4

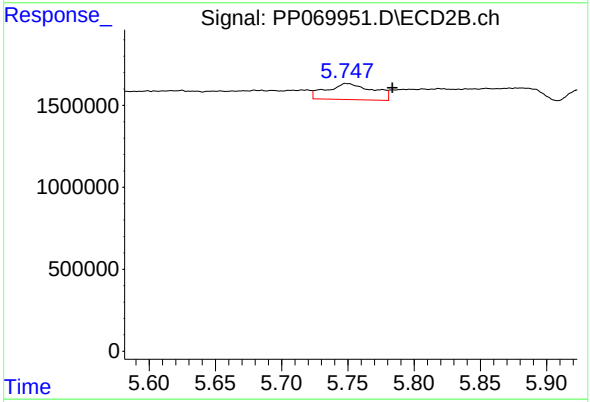
R.T.: 5.366 min
Delta R.T.: -0.022 min
Response: 1968454
Conc: 53.28 ng/ml



#25 AR-1248-5

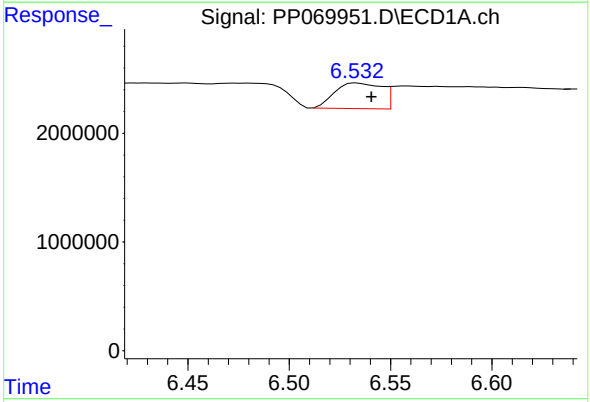
R.T.: 6.615 min
Delta R.T.: 0.012 min
Response: 3522710
Conc: 65.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



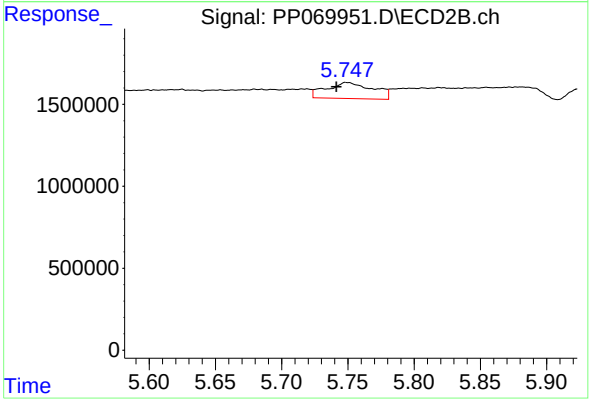
#25 AR-1248-5

R.T.: 5.749 min
Delta R.T.: -0.035 min
Response: 2380556
Conc: 63.67 ng/ml



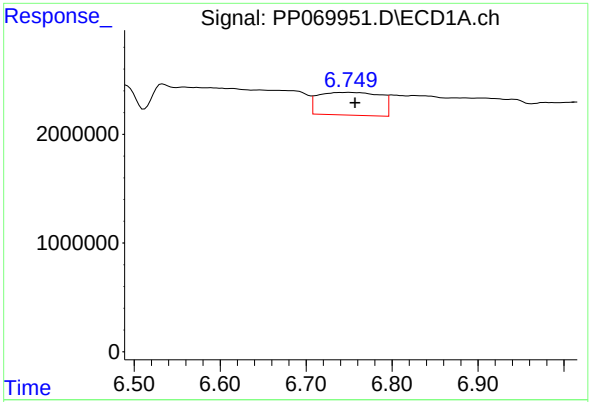
#26 AR-1254-1

R.T.: 6.534 min
Delta R.T.: -0.007 min
Response: 3764560
Conc: 65.06 ng/ml



#26 AR-1254-1

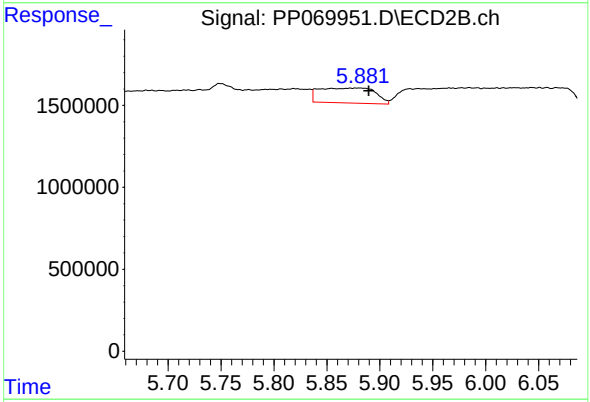
R.T.: 5.749 min
Delta R.T.: 0.008 min
Response: 2380556
Conc: 43.24 ng/ml



#27 AR-1254-2

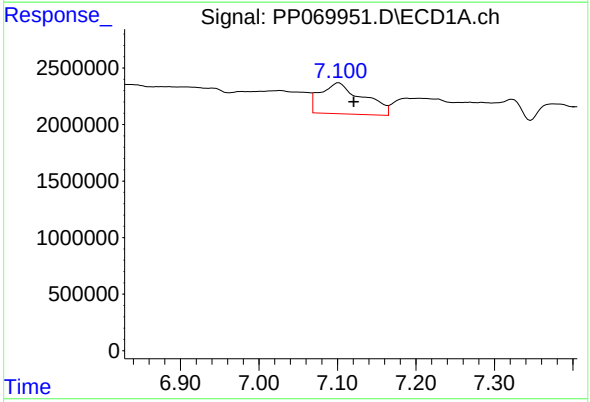
R.T.: 6.749 min
Delta R.T.: -0.008 min
Response: 10463549
Conc: 130.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



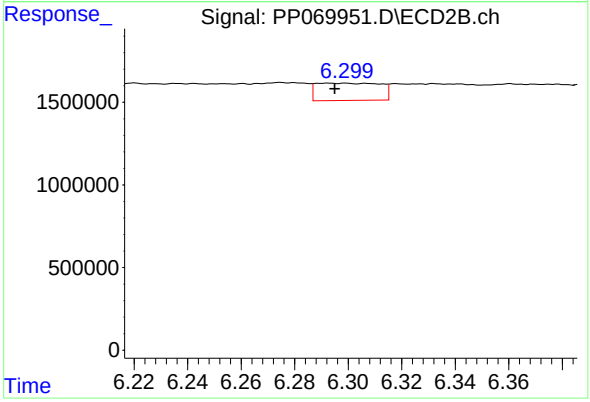
#27 AR-1254-2

R.T.: 5.881 min
Delta R.T.: -0.009 min
Response: 3371624
Conc: 69.71 ng/ml



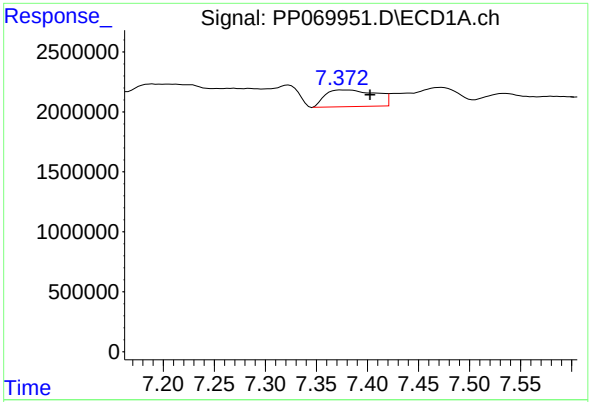
#28 AR-1254-3

R.T.: 7.102 min
Delta R.T.: -0.019 min
Response: 10469726
Conc: 124.21 ng/ml



#28 AR-1254-3

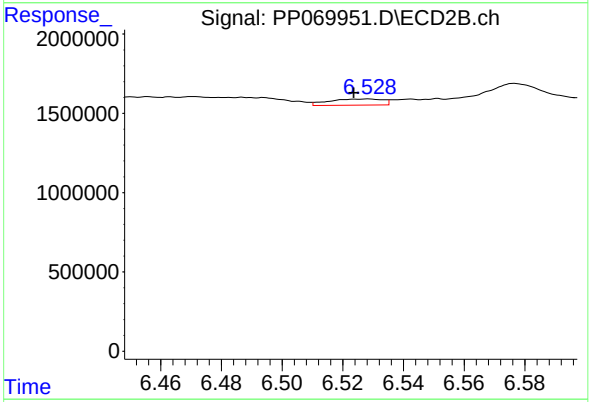
R.T.: 6.292 min
Delta R.T.: -0.003 min
Response: 1744766
Conc: 22.99 ng/ml



#29 AR-1254-4

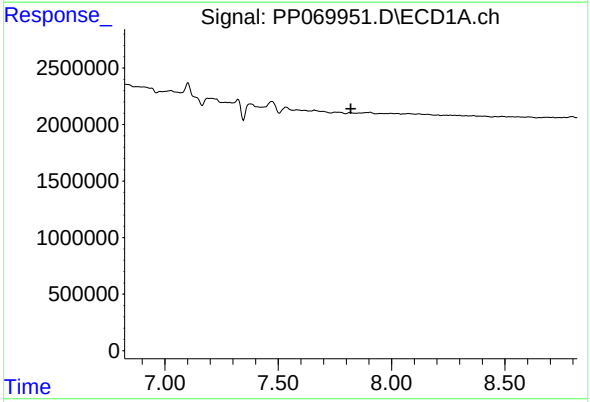
R.T.: 7.375 min
Delta R.T.: -0.028 min
Response: 4790561
Conc: 70.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



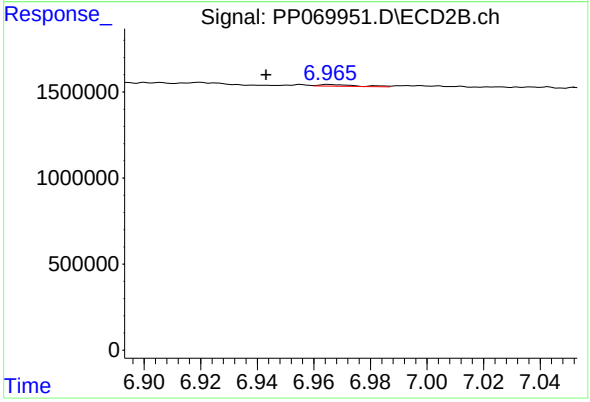
#29 AR-1254-4

R.T.: 6.528 min
Delta R.T.: 0.004 min
Response: 480151
Conc: 9.37 ng/ml



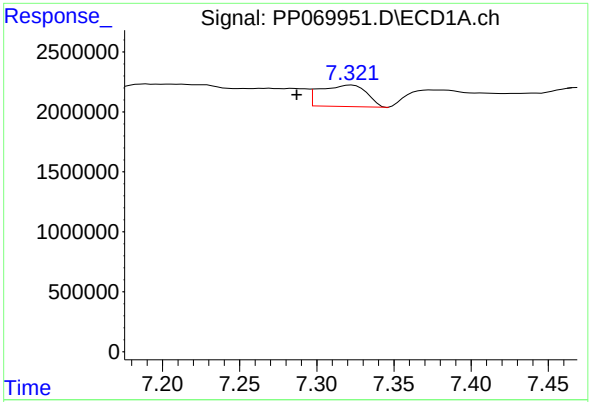
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

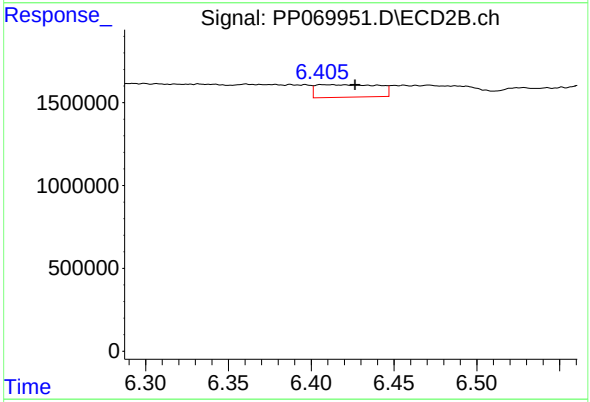
R.T.: 6.965 min
Delta R.T.: 0.022 min
Response: 92961
Conc: 1.40 ng/ml



#31 AR-1260-1

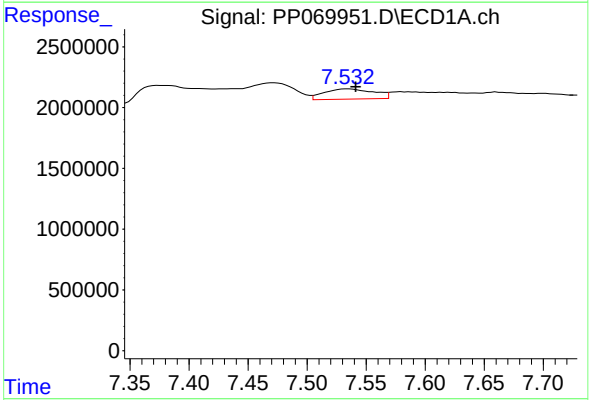
R.T.: 7.323 min
Delta R.T.: 0.036 min
Response: 3774272
Conc: 64.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



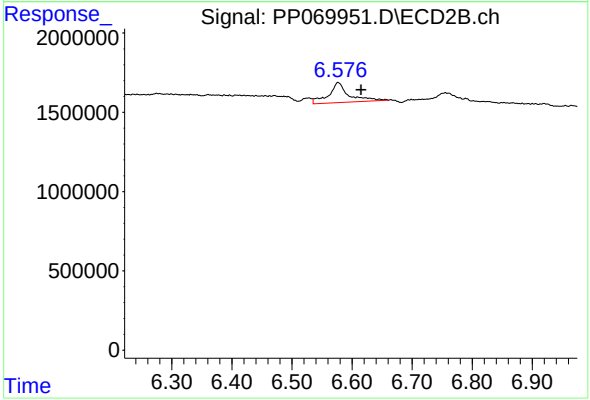
#31 AR-1260-1

R.T.: 6.420 min
Delta R.T.: -0.006 min
Response: 1971041
Conc: 40.87 ng/ml



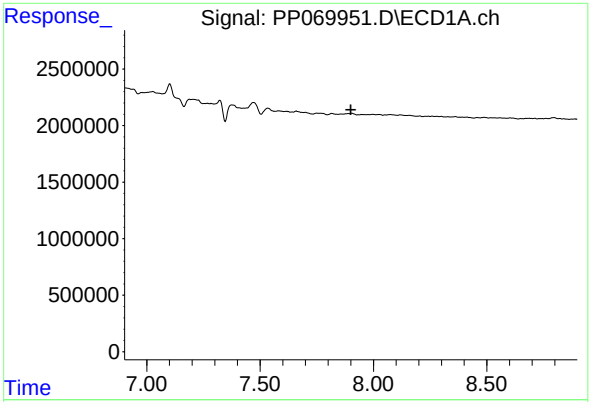
#32 AR-1260-2

R.T.: 7.535 min
Delta R.T.: -0.007 min
Response: 2475639
Conc: 31.82 ng/ml



#32 AR-1260-2

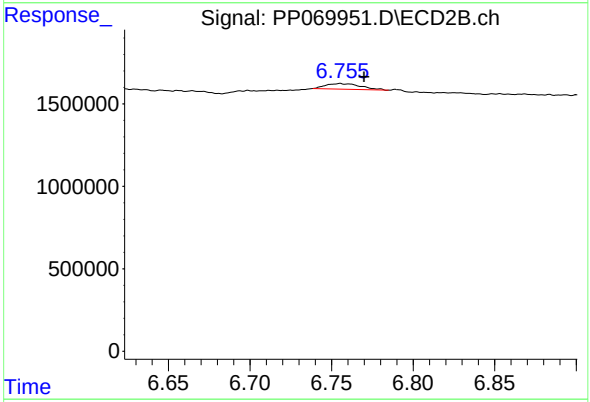
R.T.: 6.577 min
Delta R.T.: -0.038 min
Response: 2960515
Conc: 48.29 ng/ml



#33 AR-1260-3

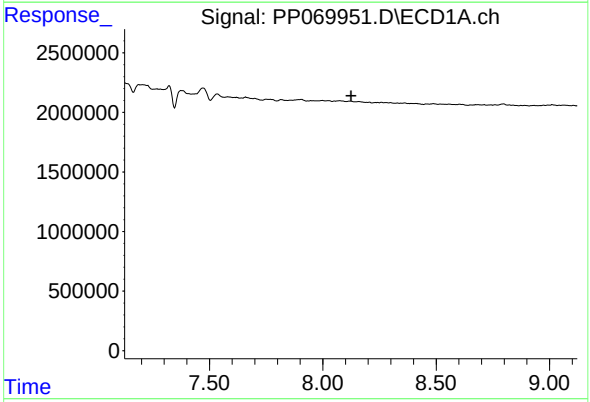
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



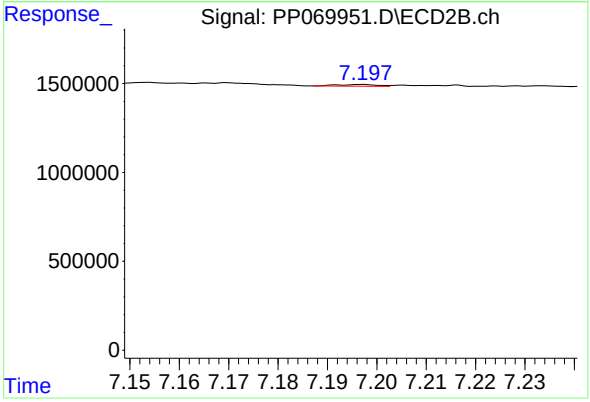
#33 AR-1260-3

R.T.: 6.755 min
Delta R.T.: -0.015 min
Response: 511517
Conc: 8.50 ng/ml



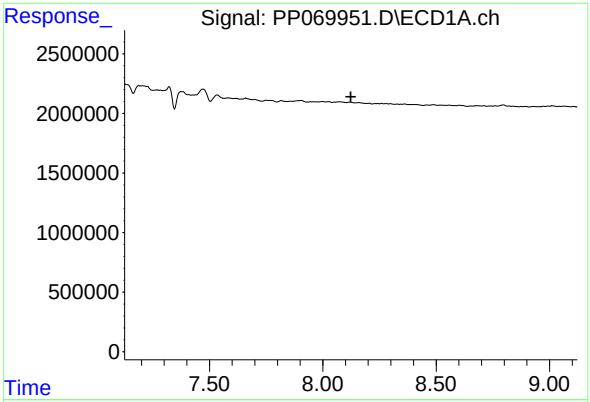
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.125 min
Response: 0
Conc: N.D.



#34 AR-1260-4

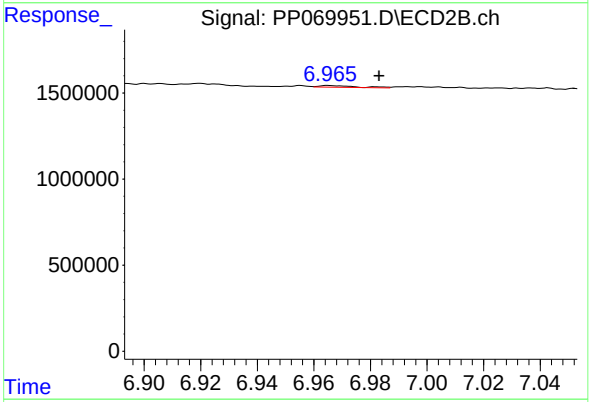
R.T.: 7.197 min
Delta R.T.: -0.045 min
Response: 53911
Conc: 1.16 ng/ml



#36 AR-1262-1

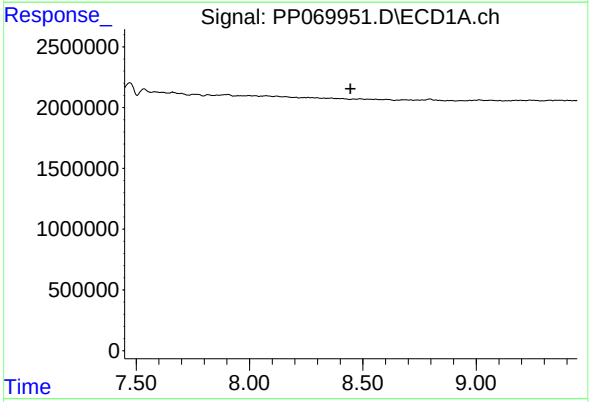
R.T.: 0.000 min
Exp R.T. : 8.124 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



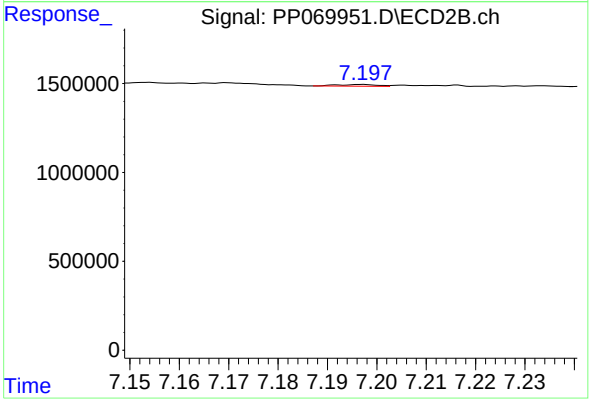
#36 AR-1262-1

R.T.: 6.965 min
Delta R.T.: -0.018 min
Response: 92961
Conc: 1.31 ng/ml



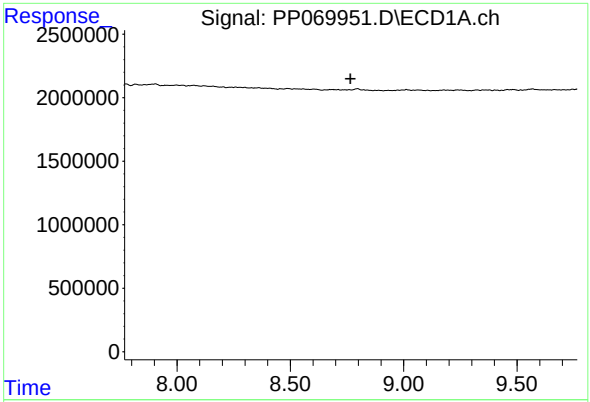
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.



#37 AR-1262-2

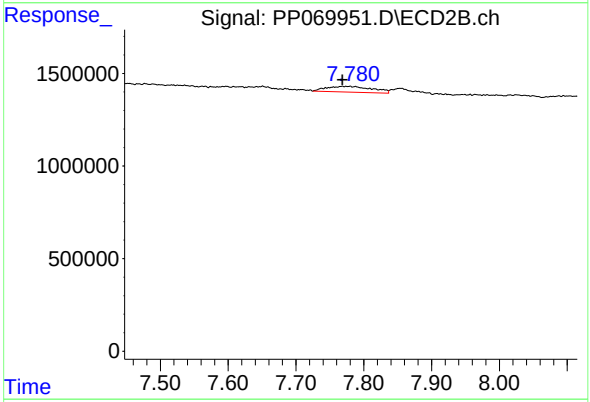
R.T.: 7.197 min
Delta R.T.: -0.046 min
Response: 53911
Conc: 0.88 ng/ml



#38 AR-1262-3

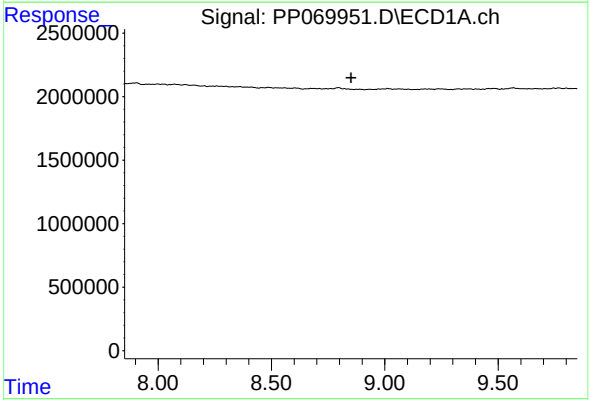
R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



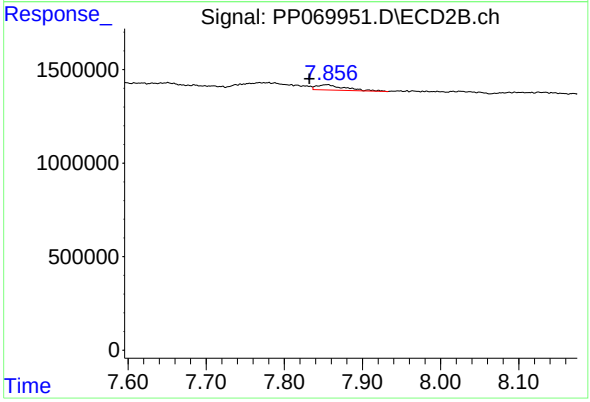
#38 AR-1262-3

R.T.: 7.780 min
Delta R.T.: 0.011 min
Response: 1450774
Conc: 27.74 ng/ml



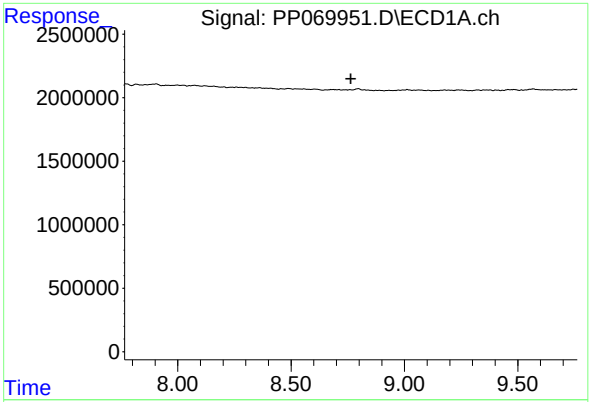
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.



#39 AR-1262-4

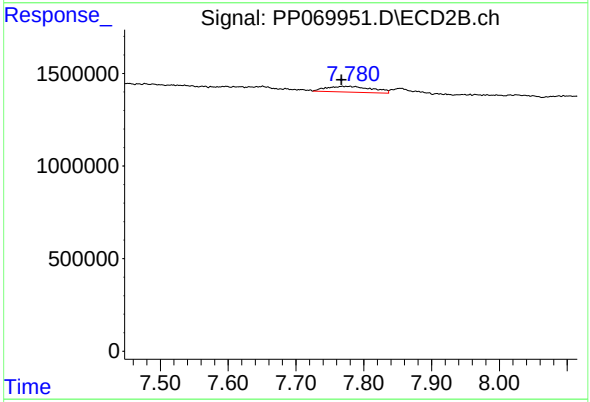
R.T.: 7.854 min
Delta R.T.: 0.022 min
Response: 694254
Conc: 7.51 ng/ml



#41 AR-1268-1

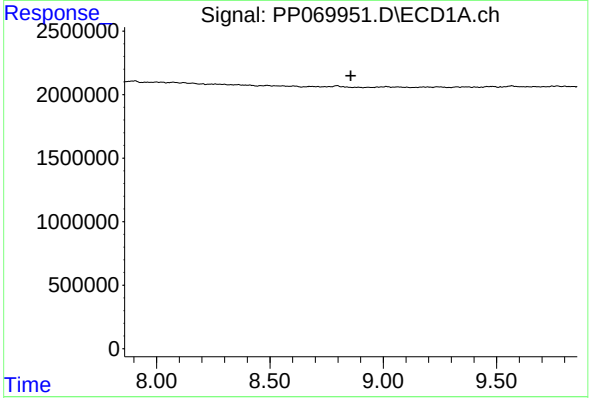
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



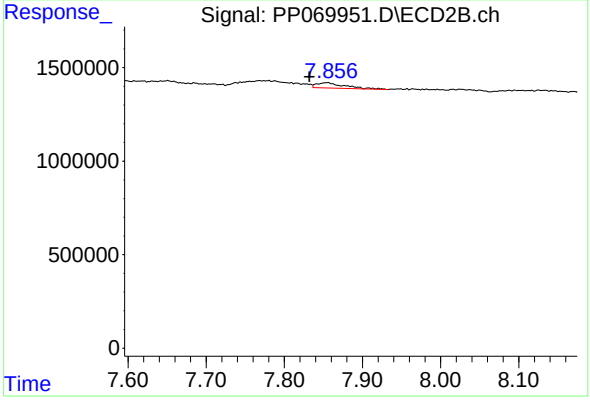
#41 AR-1268-1

R.T.: 7.780 min
Delta R.T.: 0.013 min
Response: 1450774
Conc: 10.00 ng/ml



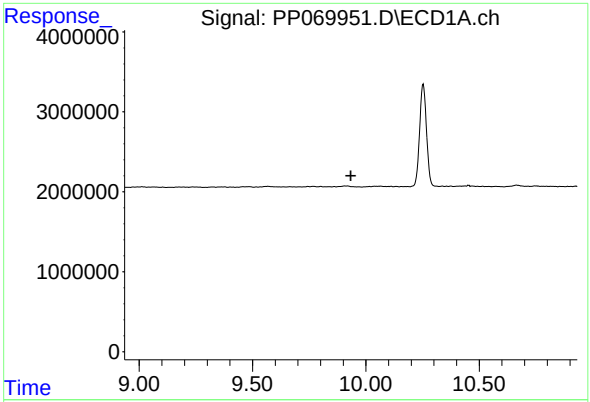
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

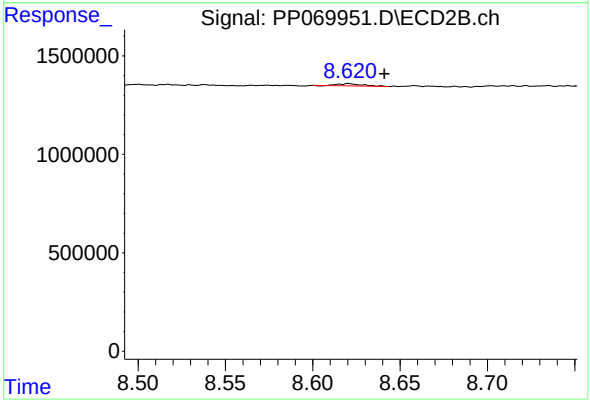
R.T.: 7.854 min
Delta R.T.: 0.022 min
Response: 694254
Conc: 5.23 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.620 min
Delta R.T.: -0.021 min
Response: 107152
Conc: 0.30 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 09:16
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:09:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.527	3.832	77827836	45943200	54.369	51.475	
2)	SA Decachlor...	10.257	8.889	59028244	56484086	54.011	50.501	
	Target Compounds							
3)	L1 AR-1016-1	5.702	4.941	36121970	22322035	779.617	684.409	
4)	L1 AR-1016-2	5.702	4.941	36121970	22322035	532.167	496.504	
5)	L1 AR-1016-3	5.764	5.119	22152279	12714719	520.048	510.960	
6)	L1 AR-1016-4	5.861	5.160	18636361	10304985	532.460	510.242	
7)	L1 AR-1016-5	6.154	5.375	16351874	13250532	494.634	493.982	
8)	L2 AR-1221-1	4.724	4.042	2440377	1775106	128.309	144.106	
9)	L2 AR-1221-2	4.815	4.131	3755889	2740732	274.303	283.035	
10)	L2 AR-1221-3	4.889	4.207	13543139	9403372	322.891	322.319	
11)	L3 AR-1232-1	4.889	4.207	13543139	9403372	406.779	400.493	
12)	L3 AR-1232-2	5.415	4.941	17618182	22322035	1078.091	946.982	
13)	L3 AR-1232-3	5.702	5.119	36121970	12714719	1051.311	982.041	
14)	L3 AR-1232-4	5.861	5.203	18636361	12112477	1046.035	1092.562	
15)	L3 AR-1232-5	5.951	5.375	15844108	13250532	1382.266	1085.191	
16)	L4 AR-1242-1	5.702	4.941	36121970	22322035	866.125	774.210	
17)	L4 AR-1242-2	5.702	4.941	36121970	22322035	612.331	566.582	
18)	L4 AR-1242-3	5.764	5.119	22152279	12714719	597.119	564.996	
19)	L4 AR-1242-4	5.861	5.203	18636361	12112477	568.274	561.224	
20)	L4 AR-1242-5	6.592	5.729	6132044	13233743	188.190	460.010	#
21)	L5 AR-1248-1	5.680	4.941	24650419	22322035	759.899	1014.151	#
22)	L5 AR-1248-2	5.951	5.160	15844108	10304985	373.273	342.762	
23)	L5 AR-1248-3	6.154	5.203	16351874	12112477	348.007	390.923	
24)	L5 AR-1248-4	6.550	5.375	5857717	13250532	106.270	358.668	#
25)	L5 AR-1248-5	6.592	5.769	6132044	3291780	114.867	88.040	
26)	L6 AR-1254-1	6.550	5.729	5857717	13233743	101.233	240.370	#
27)	L6 AR-1254-2	6.745	5.877	15020852	9561973	187.195	197.689	
28)	L6 AR-1254-3	7.109	6.297	7523055	23380694	89.254	308.062	#
29)	L6 AR-1254-4	7.392	6.510	5353823	3145023	78.516	61.367	
30)	L6 AR-1254-5	7.806	6.928	42789304	31588255	628.828	474.580	
31)	L7 AR-1260-1	7.274	6.413	29945635	24521502	512.449	508.433	
32)	L7 AR-1260-2	7.527	6.601	39591768	32255093	508.807	526.153	
33)	L7 AR-1260-3	7.885	6.755	32629542	21503705	521.912	357.463	#
34)	L7 AR-1260-4	8.110	7.227	32651096	24557005	494.888	528.475	
35)	L7 AR-1260-5	8.432	7.468	67240463	60426082	513.576	543.669	
36)	L8 AR-1262-1	8.110	6.967	32651096	28663700	413.209	403.639	
37)	L8 AR-1262-2	8.432	7.227	67240463	24557005	439.701	402.709	
38)	L8 AR-1262-3	8.756	7.751	43007725	15431390	404.665	295.060	#
39)	L8 AR-1262-4	8.824	7.814	27635798	43010443	337.875	465.297	#
40)	L8 AR-1262-5	9.492	8.319	20563586	17799510	363.249	372.435	
41)	L9 AR-1268-1	8.756	7.751	43007725	15431390	243.562	106.334	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 09:16
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:09:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.824	7.814	27635798	43010443	175.609	323.836 #
43) L9	AR-1268-3	9.073	8.023	874244	1049889	6.537	9.231 #
44) L9	AR-1268-4	9.492	8.319	20563586	17799510	350.193	341.786
45) L9	AR-1268-5	9.913	8.622	5259768	4917461	13.809	13.806

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

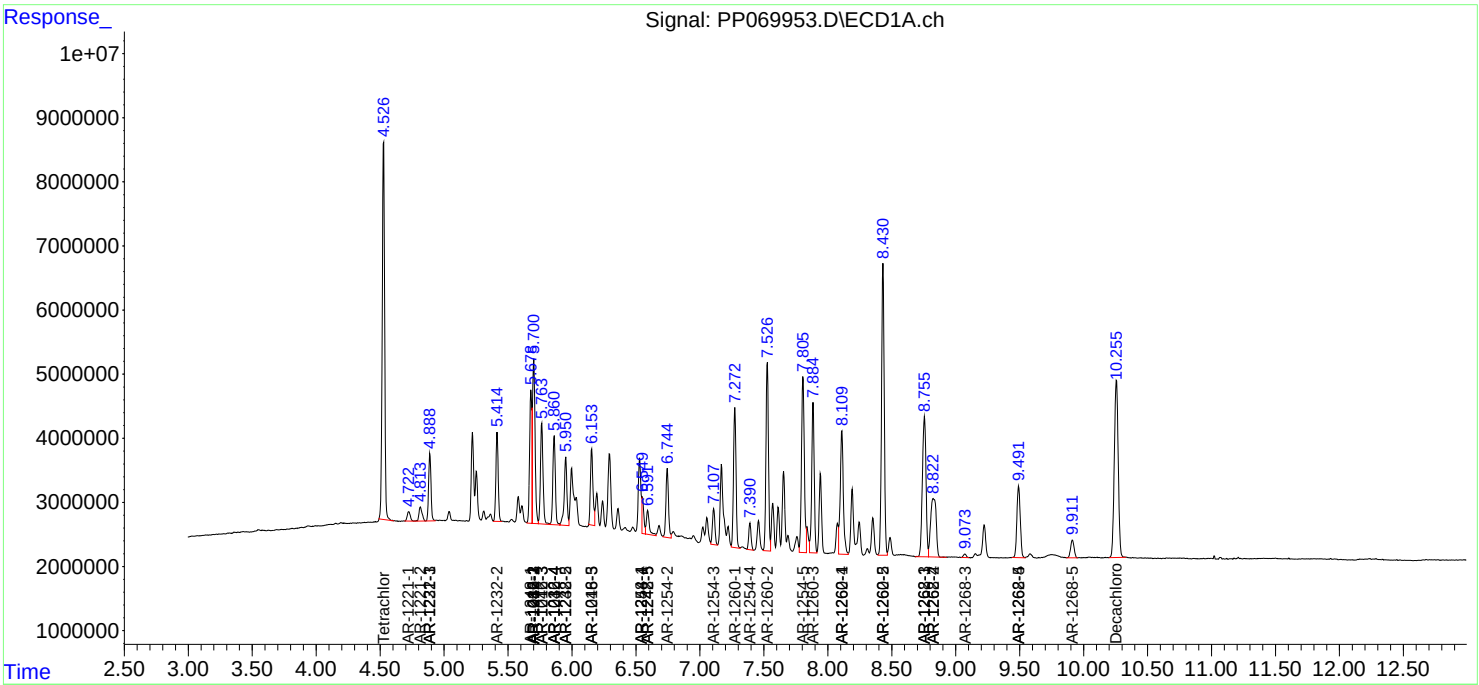
Quantitation Report (Not Reviewed)

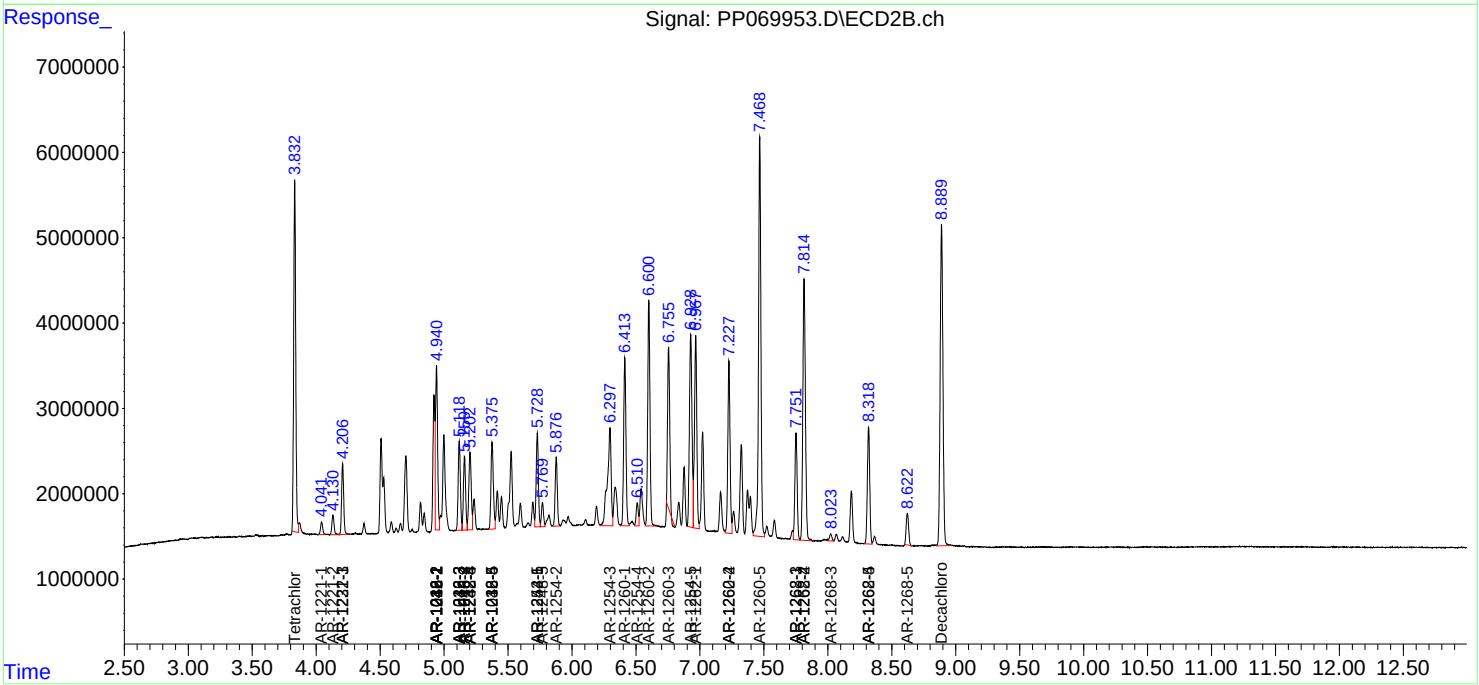
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 09:16
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

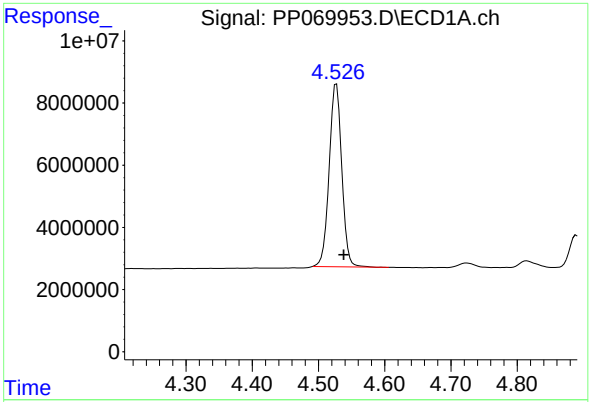
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:09:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



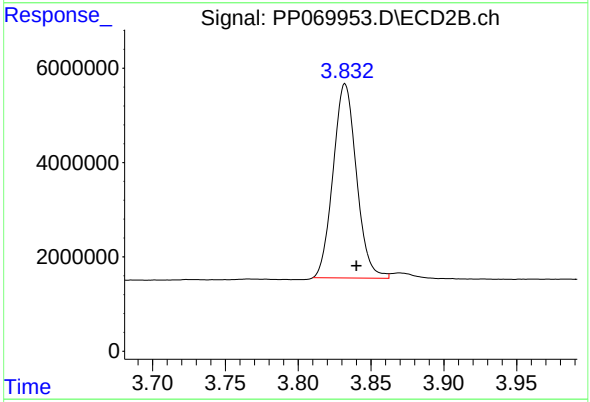




#1 Tetrachloro-m-xylene

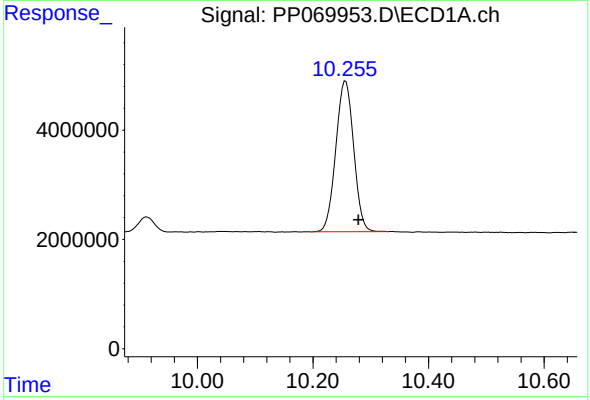
R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 77827836
Conc: 54.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



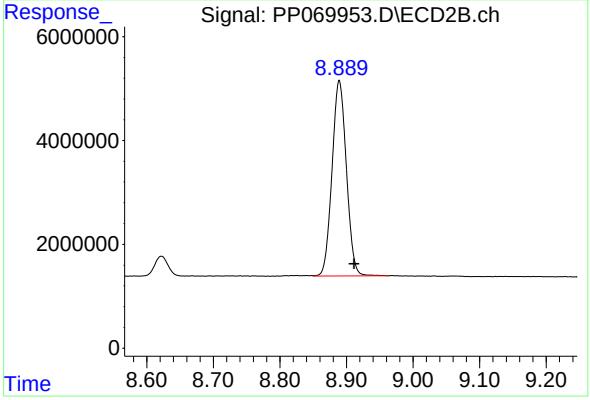
#1 Tetrachloro-m-xylene

R.T.: 3.832 min
Delta R.T.: -0.008 min
Response: 45943200
Conc: 51.47 ng/ml



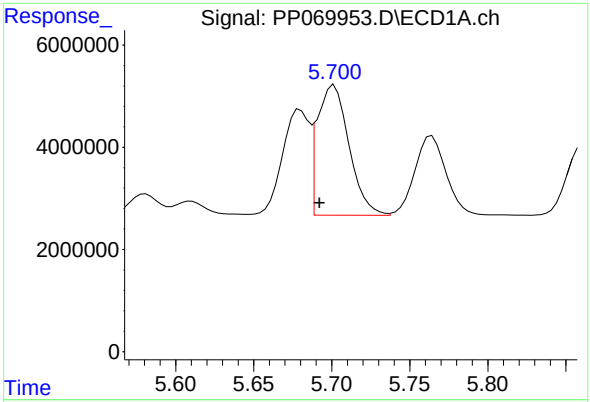
#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: -0.022 min
Response: 59028244
Conc: 54.01 ng/ml



#2 Decachlorobiphenyl

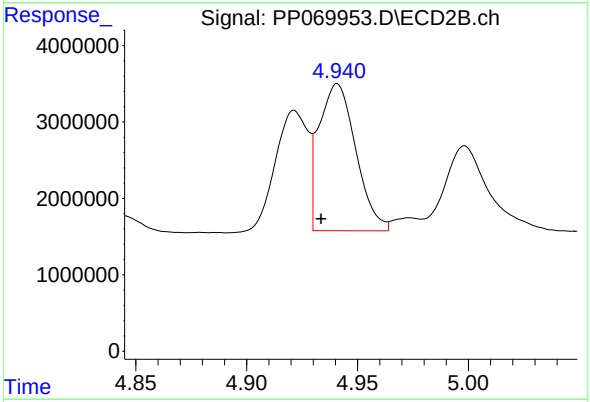
R.T.: 8.889 min
Delta R.T.: -0.022 min
Response: 56484086
Conc: 50.50 ng/ml



#3 AR-1016-1

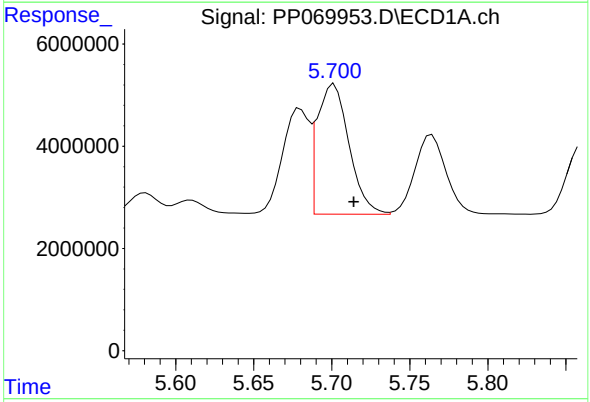
R.T.: 5.702 min
Delta R.T.: 0.010 min
Response: 36121970
Conc: 779.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



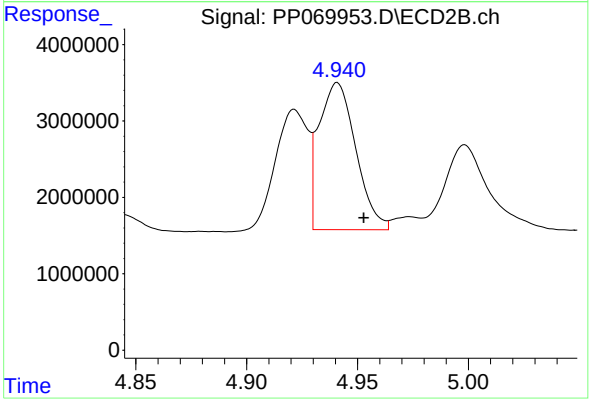
#3 AR-1016-1

R.T.: 4.941 min
Delta R.T.: 0.007 min
Response: 22322035
Conc: 684.41 ng/ml



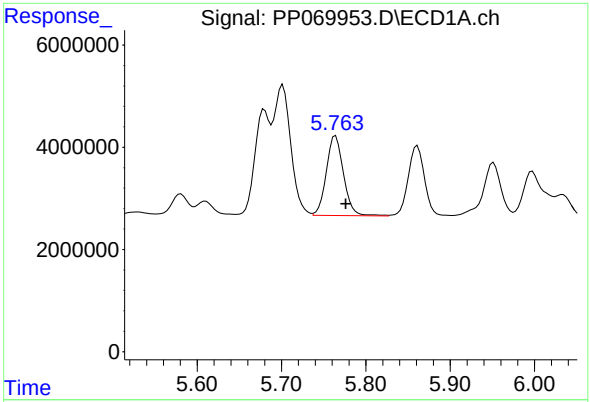
#4 AR-1016-2

R.T.: 5.702 min
Delta R.T.: -0.012 min
Response: 36121970
Conc: 532.17 ng/ml



#4 AR-1016-2

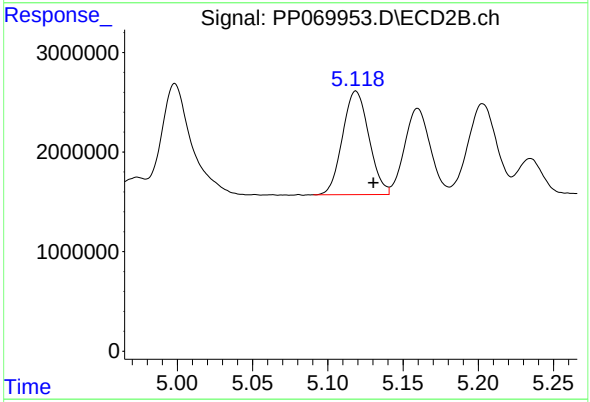
R.T.: 4.941 min
Delta R.T.: -0.012 min
Response: 22322035
Conc: 496.50 ng/ml



#5 AR-1016-3

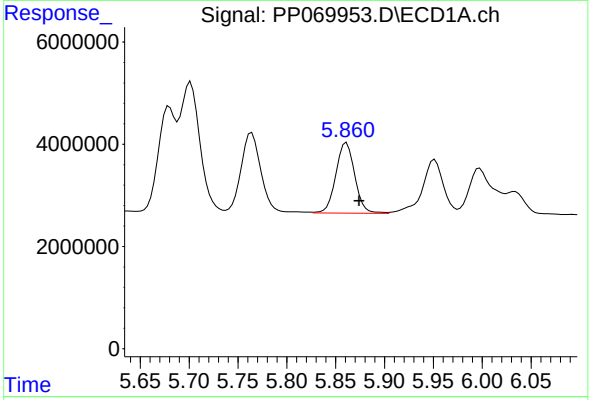
R.T.: 5.764 min
Delta R.T.: -0.012 min
Response: 22152279
Conc: 520.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



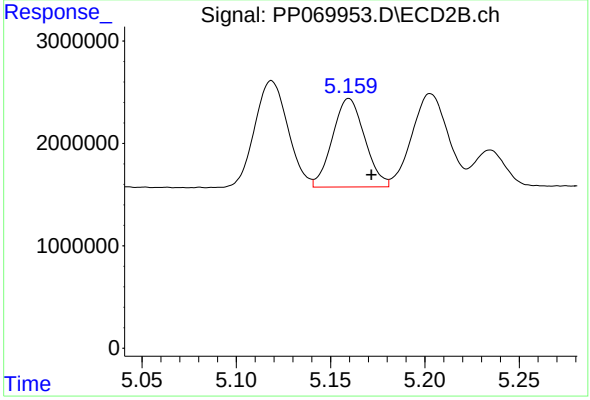
#5 AR-1016-3

R.T.: 5.119 min
Delta R.T.: -0.012 min
Response: 12714719
Conc: 510.96 ng/ml



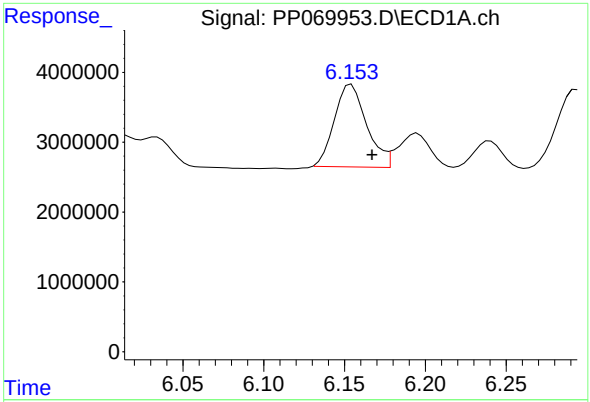
#6 AR-1016-4

R.T.: 5.861 min
Delta R.T.: -0.013 min
Response: 18636361
Conc: 532.46 ng/ml



#6 AR-1016-4

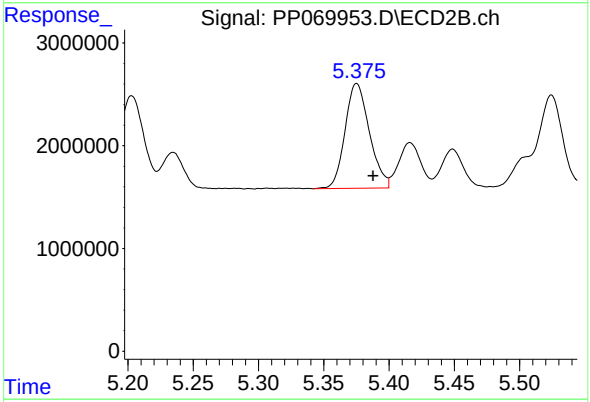
R.T.: 5.160 min
Delta R.T.: -0.012 min
Response: 10304985
Conc: 510.24 ng/ml



#7 AR-1016-5

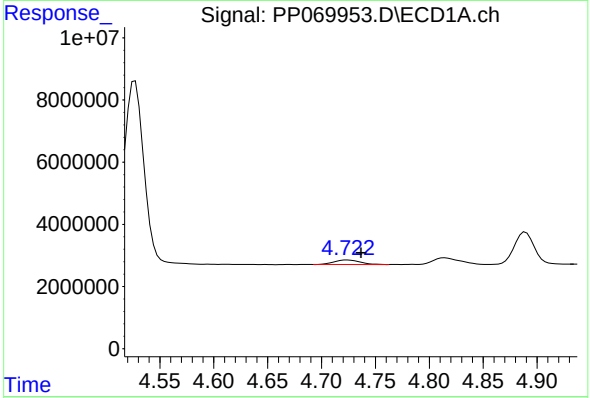
R.T.: 6.154 min
Delta R.T.: -0.013 min
Response: 16351874
Conc: 494.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



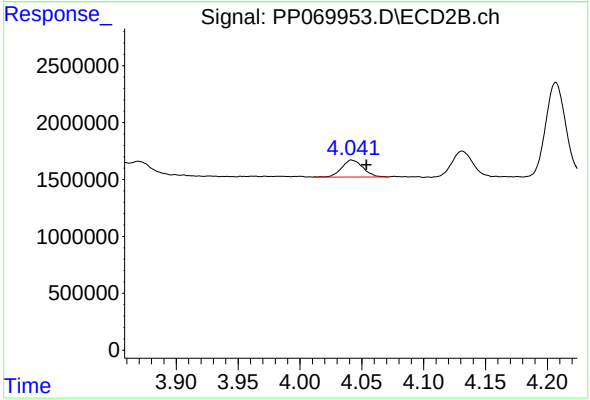
#7 AR-1016-5

R.T.: 5.375 min
Delta R.T.: -0.013 min
Response: 13250532
Conc: 493.98 ng/ml



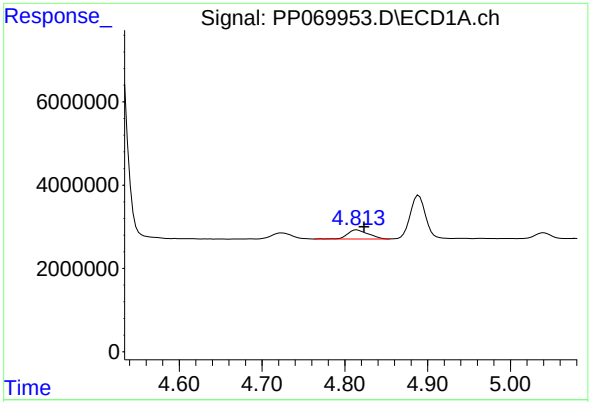
#8 AR-1221-1

R.T.: 4.724 min
Delta R.T.: -0.013 min
Response: 2440377
Conc: 128.31 ng/ml



#8 AR-1221-1

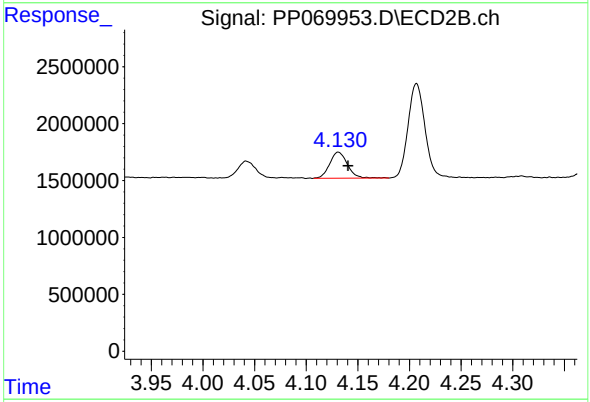
R.T.: 4.042 min
Delta R.T.: -0.012 min
Response: 1775106
Conc: 144.11 ng/ml



#9 AR-1221-2

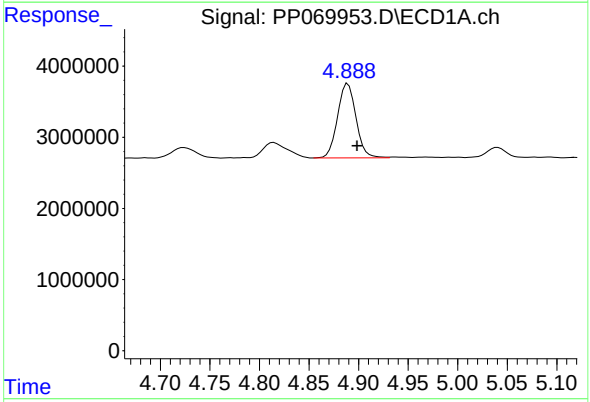
R.T.: 4.815 min
Delta R.T.: -0.009 min
Response: 3755889
Conc: 274.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



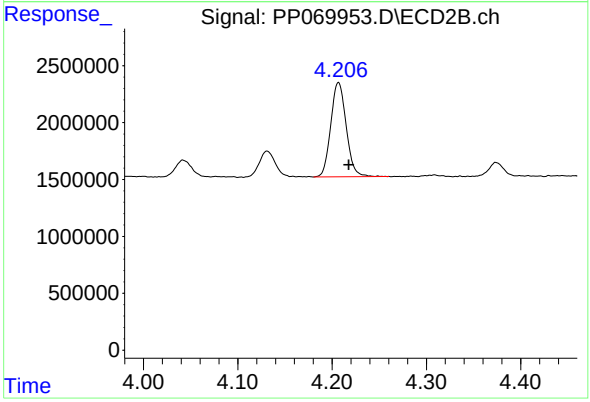
#9 AR-1221-2

R.T.: 4.131 min
Delta R.T.: -0.009 min
Response: 2740732
Conc: 283.03 ng/ml



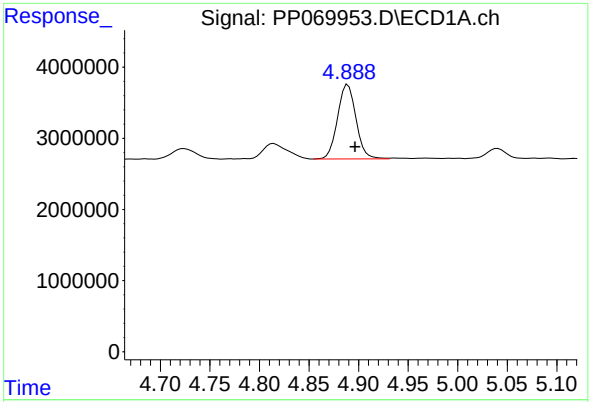
#10 AR-1221-3

R.T.: 4.889 min
Delta R.T.: -0.009 min
Response: 13543139
Conc: 322.89 ng/ml



#10 AR-1221-3

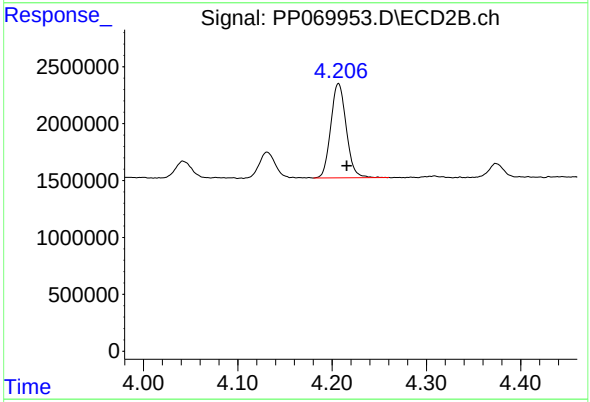
R.T.: 4.207 min
Delta R.T.: -0.011 min
Response: 9403372
Conc: 322.32 ng/ml



#11 AR-1232-1

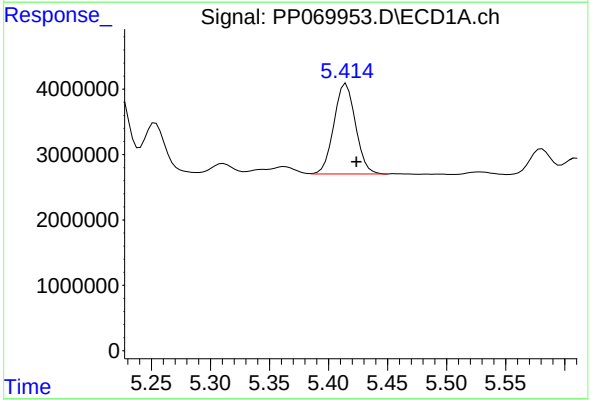
R.T.: 4.889 min
Delta R.T.: -0.007 min
Response: 13543139
Conc: 406.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



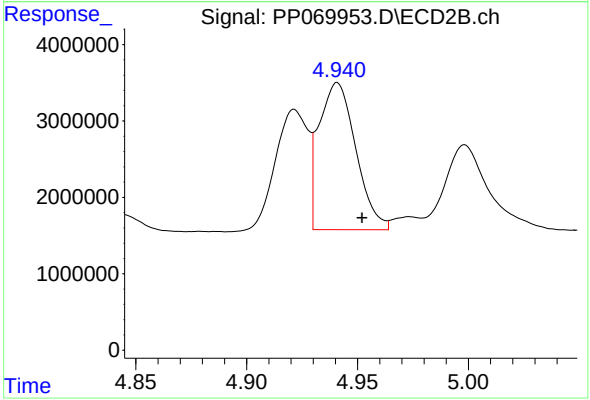
#11 AR-1232-1

R.T.: 4.207 min
Delta R.T.: -0.009 min
Response: 9403372
Conc: 400.49 ng/ml



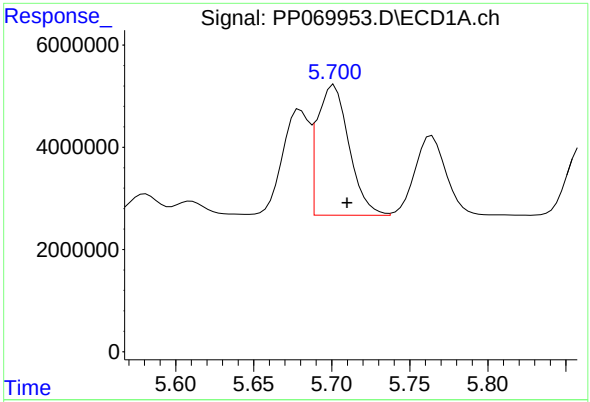
#12 AR-1232-2

R.T.: 5.415 min
Delta R.T.: -0.009 min
Response: 17618182
Conc: 1078.09 ng/ml



#12 AR-1232-2

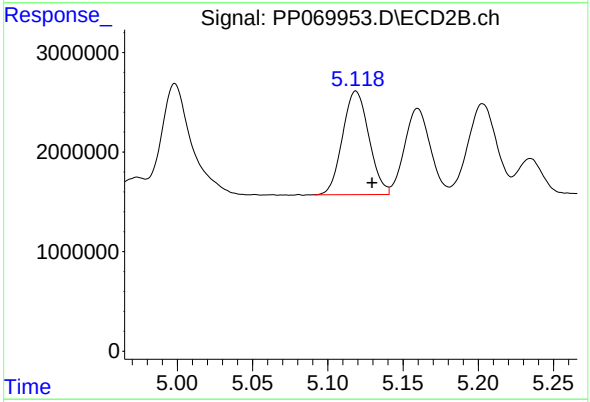
R.T.: 4.941 min
Delta R.T.: -0.011 min
Response: 22322035
Conc: 946.98 ng/ml



#13 AR-1232-3

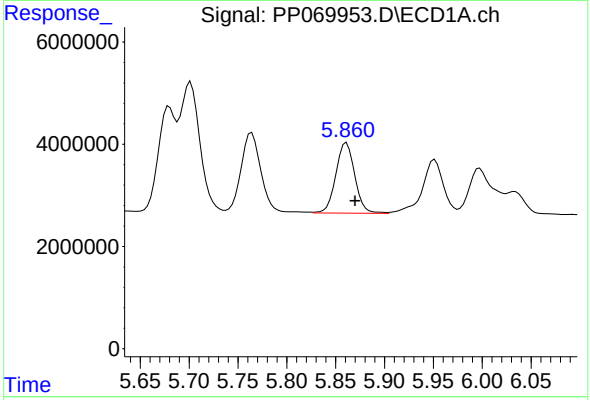
R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 36121970
Conc: 1051.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



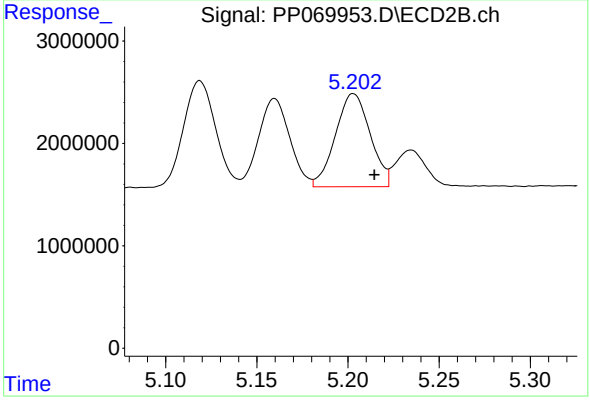
#13 AR-1232-3

R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 12714719
Conc: 982.04 ng/ml



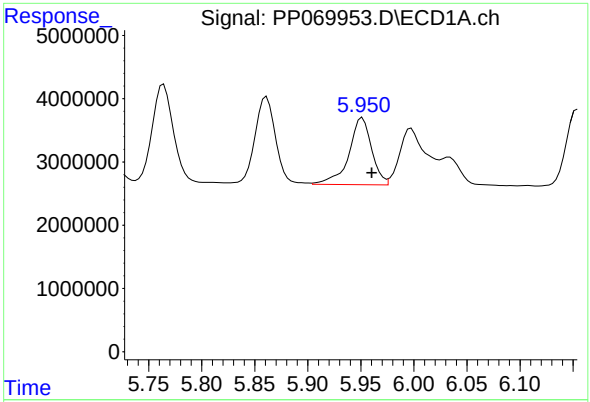
#14 AR-1232-4

R.T.: 5.861 min
Delta R.T.: -0.009 min
Response: 18636361
Conc: 1046.03 ng/ml



#14 AR-1232-4

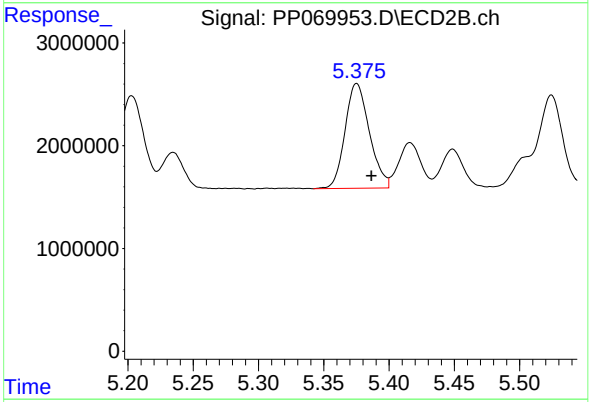
R.T.: 5.203 min
Delta R.T.: -0.011 min
Response: 12112477
Conc: 1092.56 ng/ml



#15 AR-1232-5

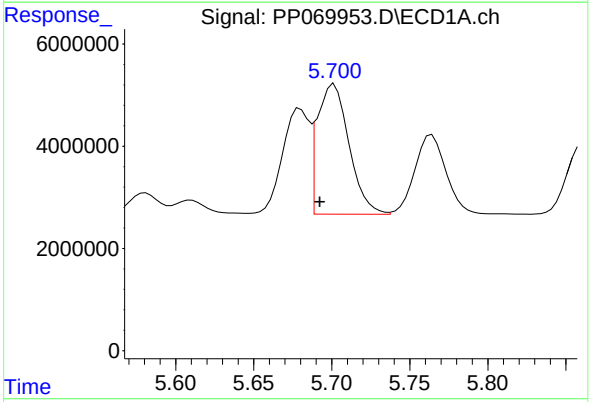
R.T.: 5.951 min
Delta R.T.: -0.009 min
Response: 15844108
Conc: 1382.27 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



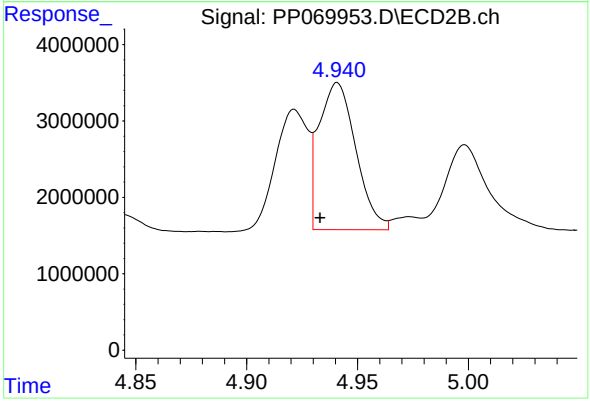
#15 AR-1232-5

R.T.: 5.375 min
Delta R.T.: -0.011 min
Response: 13250532
Conc: 1085.19 ng/ml



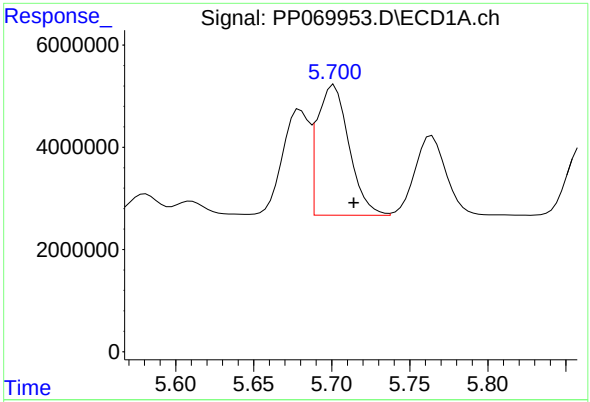
#16 AR-1242-1

R.T.: 5.702 min
Delta R.T.: 0.009 min
Response: 36121970
Conc: 866.12 ng/ml



#16 AR-1242-1

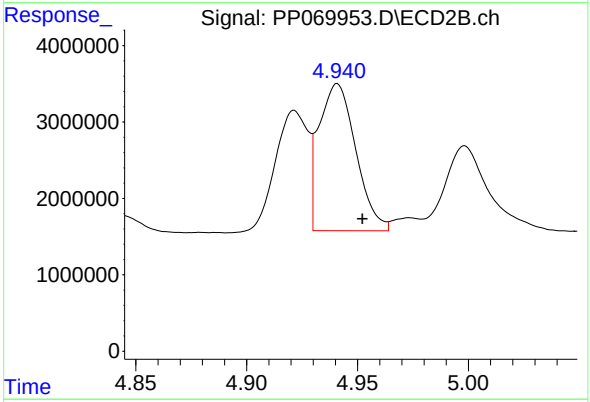
R.T.: 4.941 min
Delta R.T.: 0.008 min
Response: 22322035
Conc: 774.21 ng/ml



#17 AR-1242-2

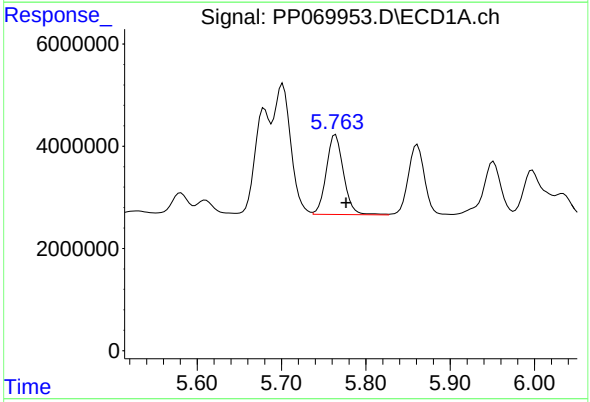
R.T.: 5.702 min
Delta R.T.: -0.012 min
Response: 36121970
Conc: 612.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



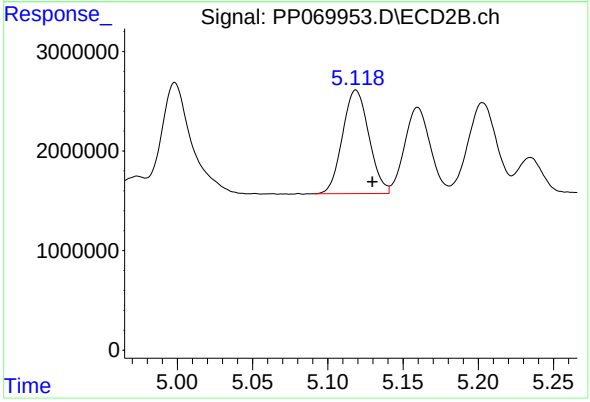
#17 AR-1242-2

R.T.: 4.941 min
Delta R.T.: -0.011 min
Response: 22322035
Conc: 566.58 ng/ml



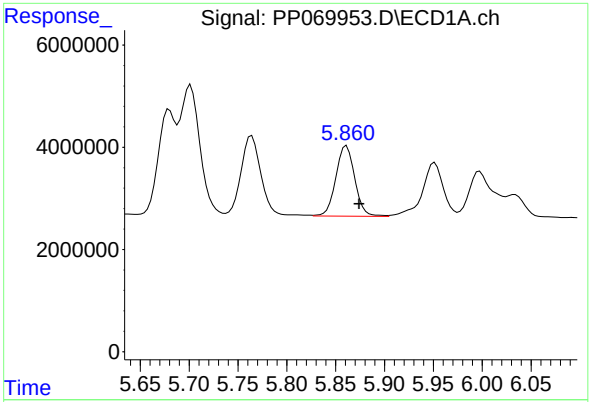
#18 AR-1242-3

R.T.: 5.764 min
Delta R.T.: -0.012 min
Response: 22152279
Conc: 597.12 ng/ml



#18 AR-1242-3

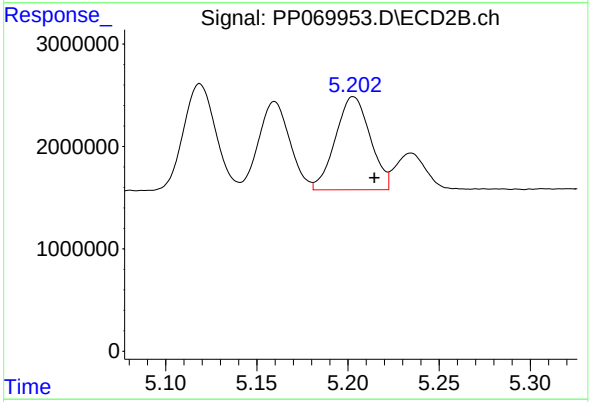
R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 12714719
Conc: 565.00 ng/ml



#19 AR-1242-4

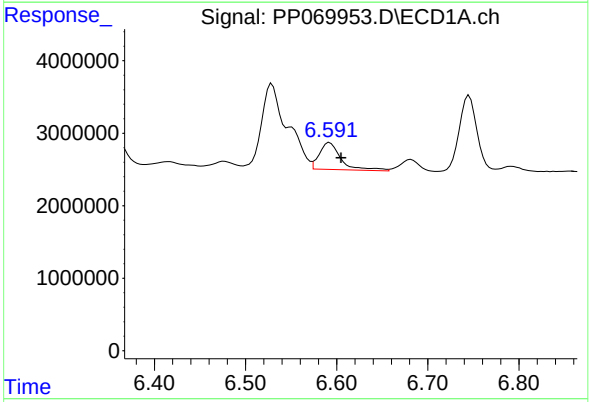
R.T.: 5.861 min
Delta R.T.: -0.013 min
Response: 18636361
Conc: 568.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



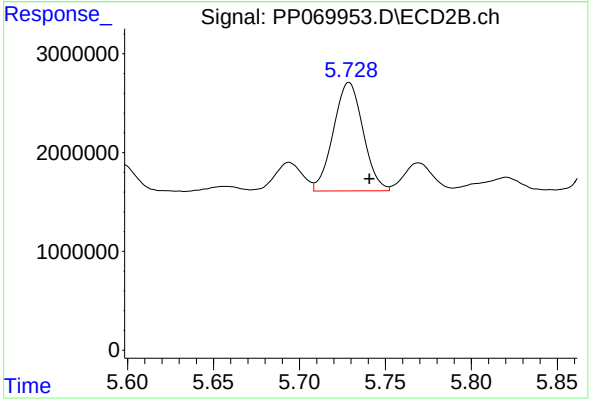
#19 AR-1242-4

R.T.: 5.203 min
Delta R.T.: -0.011 min
Response: 12112477
Conc: 561.22 ng/ml



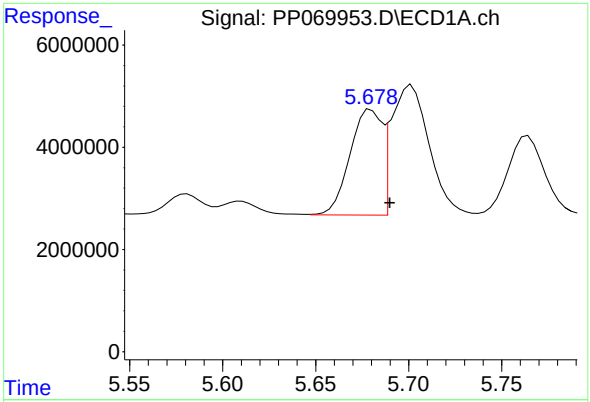
#20 AR-1242-5

R.T.: 6.592 min
Delta R.T.: -0.013 min
Response: 6132044
Conc: 188.19 ng/ml



#20 AR-1242-5

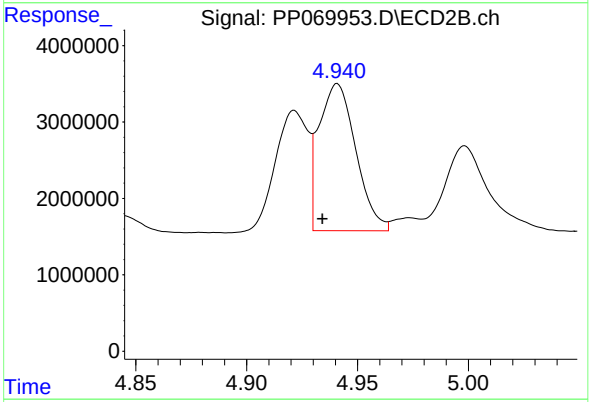
R.T.: 5.729 min
Delta R.T.: -0.012 min
Response: 13233743
Conc: 460.01 ng/ml



#21 AR-1248-1

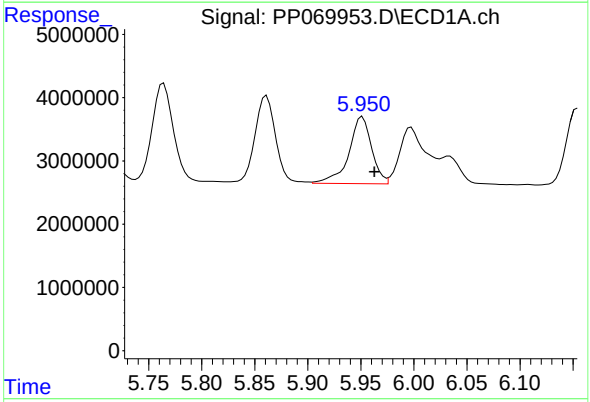
R.T.: 5.680 min
Delta R.T.: -0.010 min
Response: 24650419
Conc: 759.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



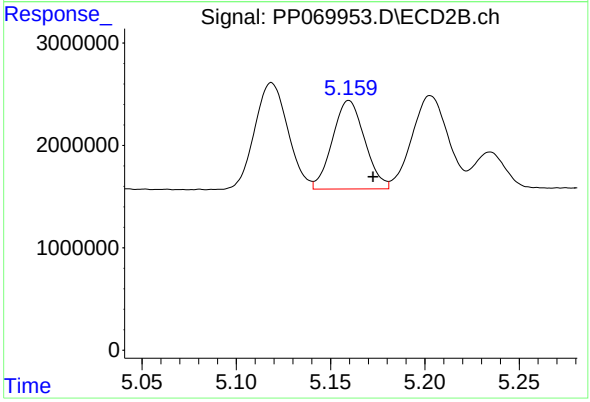
#21 AR-1248-1

R.T.: 4.941 min
Delta R.T.: 0.007 min
Response: 22322035
Conc: 1014.15 ng/ml



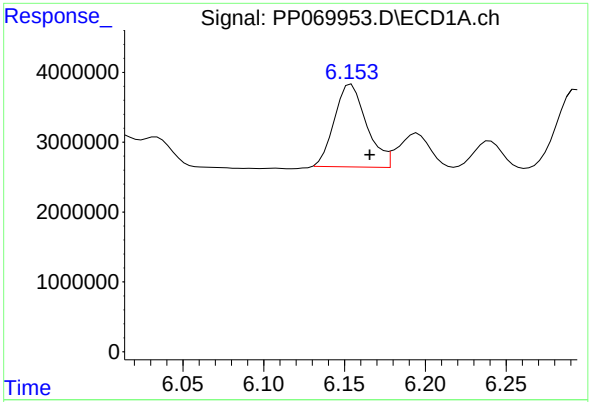
#22 AR-1248-2

R.T.: 5.951 min
Delta R.T.: -0.011 min
Response: 15844108
Conc: 373.27 ng/ml



#22 AR-1248-2

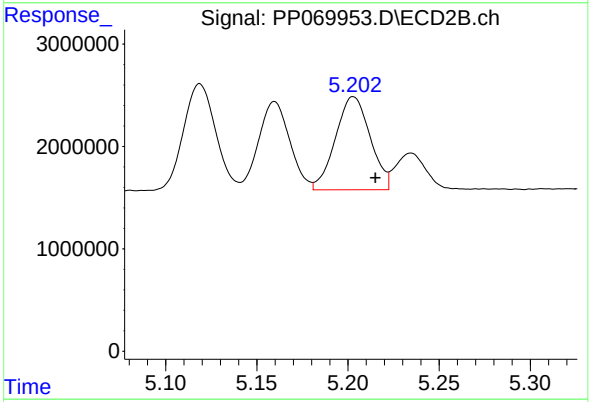
R.T.: 5.160 min
Delta R.T.: -0.013 min
Response: 10304985
Conc: 342.76 ng/ml



#23 AR-1248-3

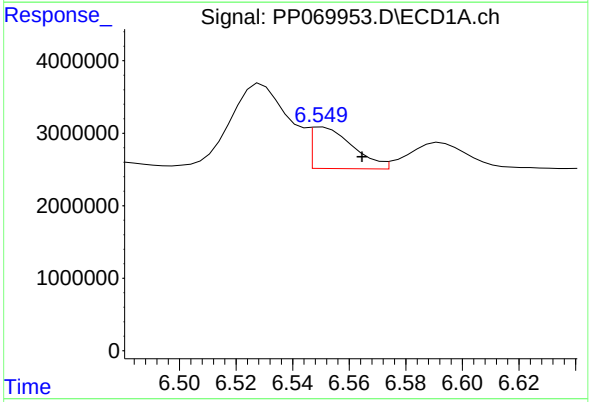
R.T.: 6.154 min
Delta R.T.: -0.011 min
Response: 16351874
Conc: 348.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



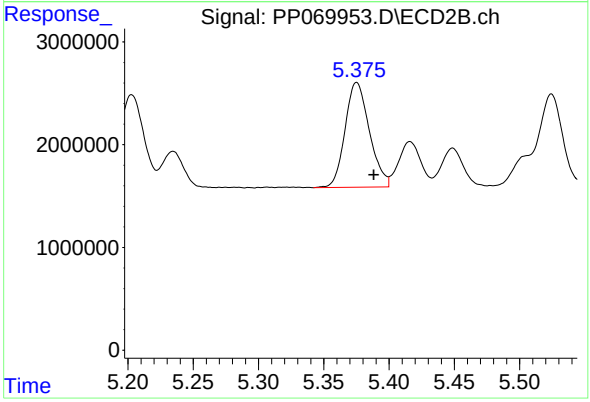
#23 AR-1248-3

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 12112477
Conc: 390.92 ng/ml



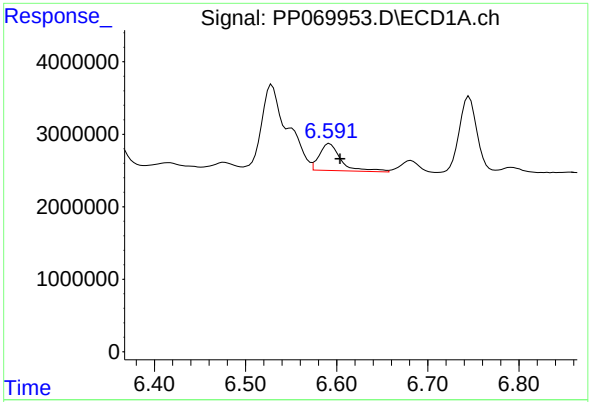
#24 AR-1248-4

R.T.: 6.550 min
Delta R.T.: -0.014 min
Response: 5857717
Conc: 106.27 ng/ml



#24 AR-1248-4

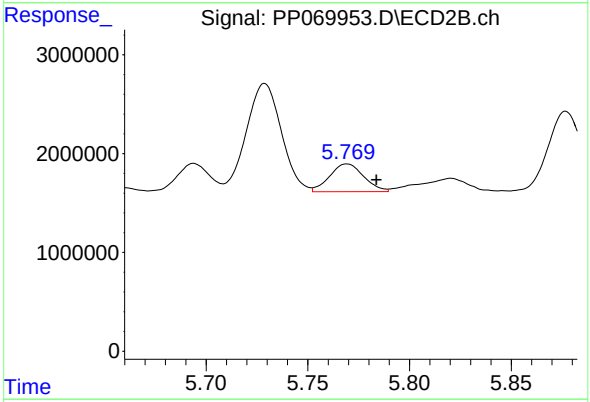
R.T.: 5.375 min
Delta R.T.: -0.013 min
Response: 13250532
Conc: 358.67 ng/ml



#25 AR-1248-5

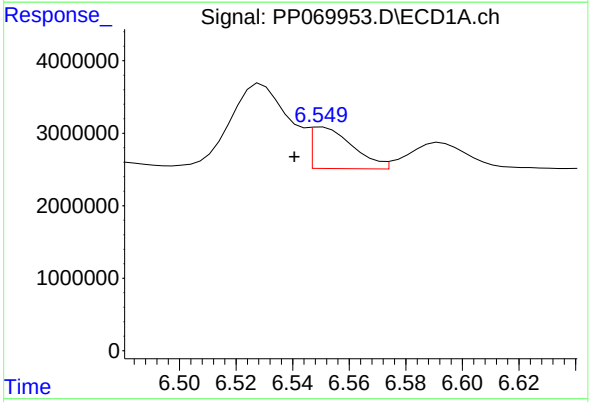
R.T.: 6.592 min
Delta R.T.: -0.011 min
Response: 6132044
Conc: 114.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



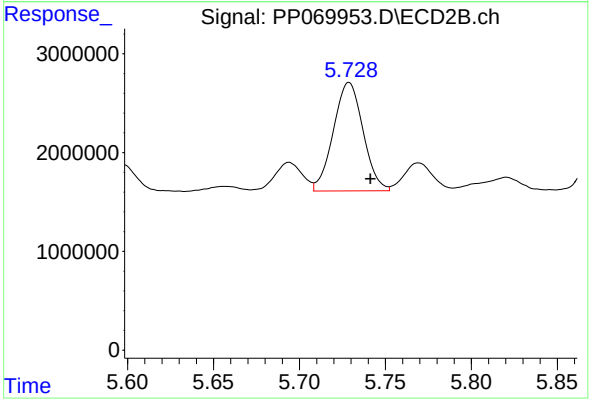
#25 AR-1248-5

R.T.: 5.769 min
Delta R.T.: -0.014 min
Response: 3291780
Conc: 88.04 ng/ml



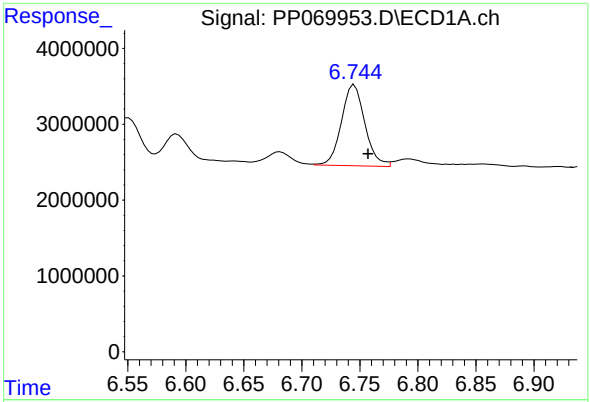
#26 AR-1254-1

R.T.: 6.550 min
Delta R.T.: 0.010 min
Response: 5857717
Conc: 101.23 ng/ml



#26 AR-1254-1

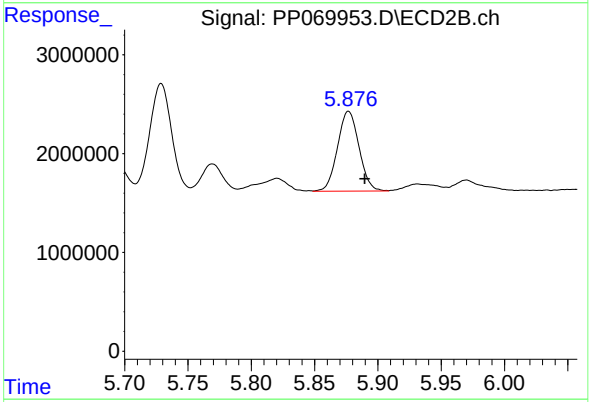
R.T.: 5.729 min
Delta R.T.: -0.012 min
Response: 13233743
Conc: 240.37 ng/ml



#27 AR-1254-2

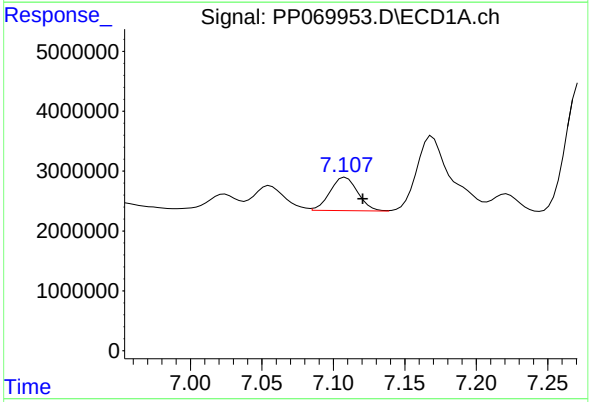
R.T.: 6.745 min
Delta R.T.: -0.012 min
Response: 15020852
Conc: 187.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



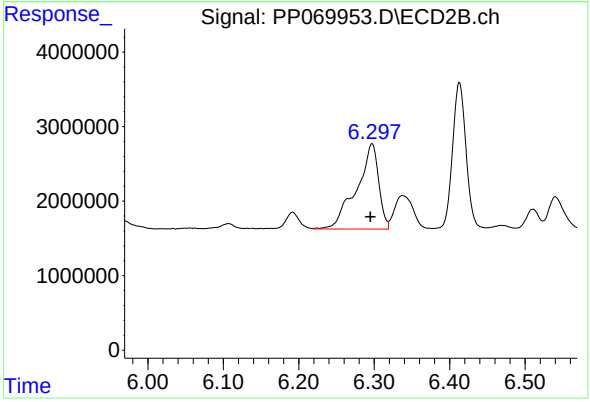
#27 AR-1254-2

R.T.: 5.877 min
Delta R.T.: -0.013 min
Response: 9561973
Conc: 197.69 ng/ml



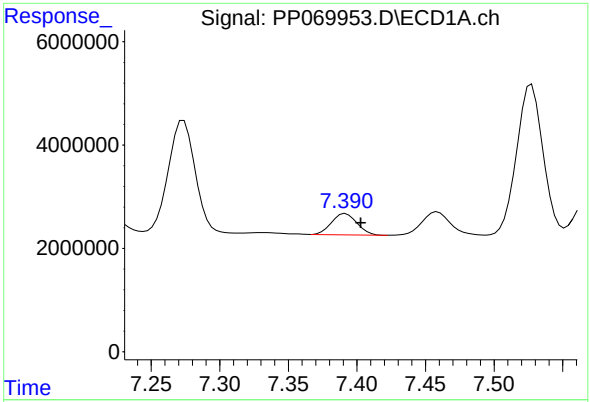
#28 AR-1254-3

R.T.: 7.109 min
Delta R.T.: -0.012 min
Response: 7523055
Conc: 89.25 ng/ml



#28 AR-1254-3

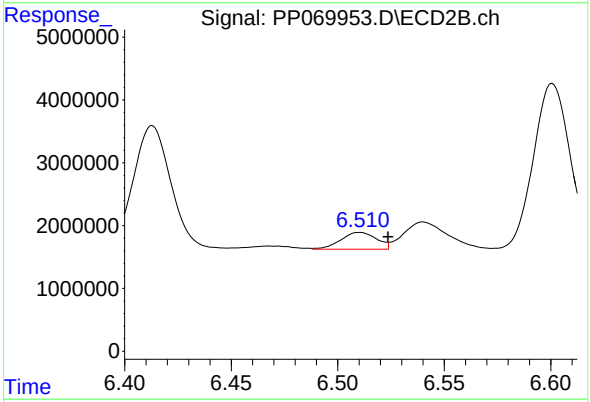
R.T.: 6.297 min
Delta R.T.: 0.002 min
Response: 23380694
Conc: 308.06 ng/ml



#29 AR-1254-4

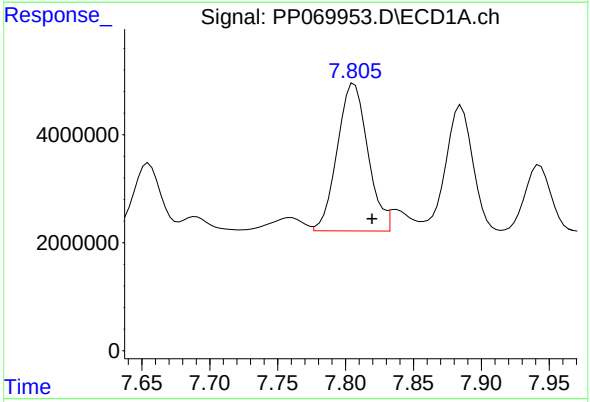
R.T.: 7.392 min
Delta R.T.: -0.011 min
Response: 5353823
Conc: 78.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



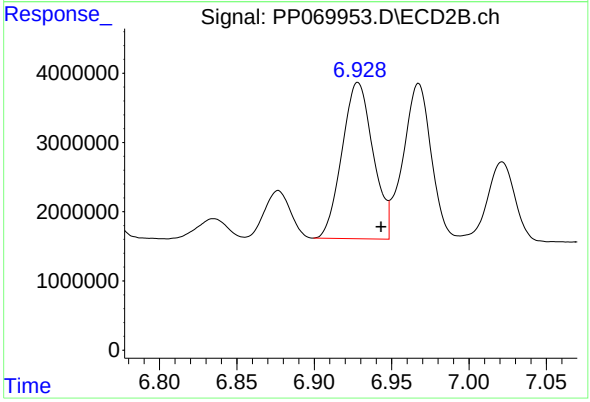
#29 AR-1254-4

R.T.: 6.510 min
Delta R.T.: -0.013 min
Response: 3145023
Conc: 61.37 ng/ml



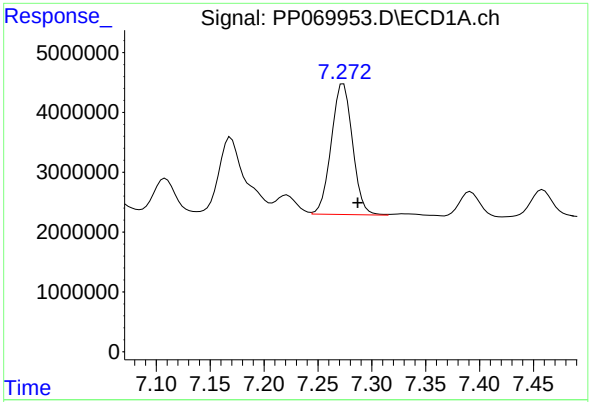
#30 AR-1254-5

R.T.: 7.806 min
Delta R.T.: -0.013 min
Response: 42789304
Conc: 628.83 ng/ml



#30 AR-1254-5

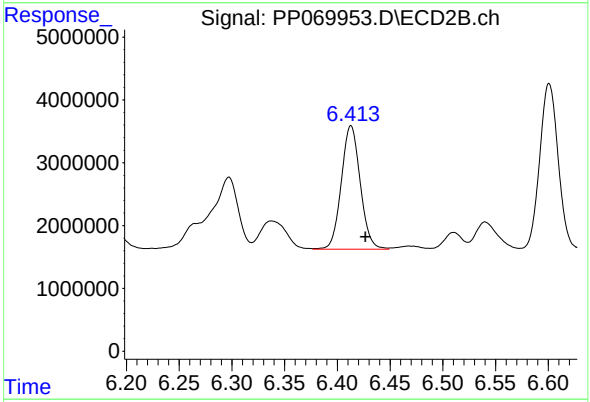
R.T.: 6.928 min
Delta R.T.: -0.015 min
Response: 31588255
Conc: 474.58 ng/ml



#31 AR-1260-1

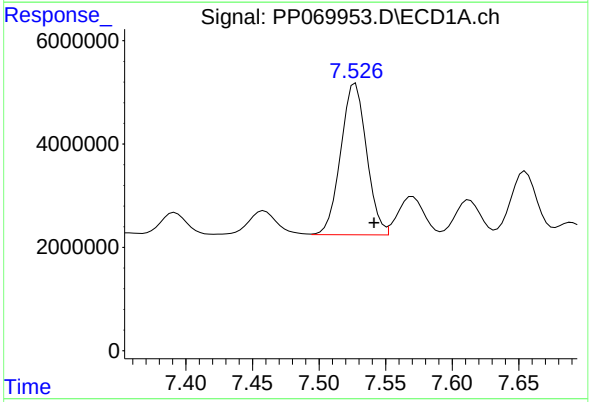
R.T.: 7.274 min
Delta R.T.: -0.013 min
Response: 29945635
Conc: 512.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



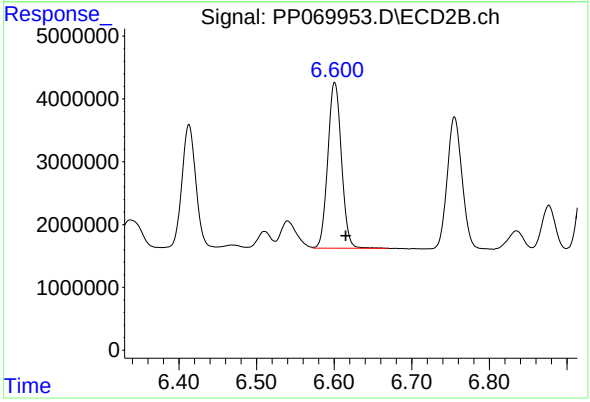
#31 AR-1260-1

R.T.: 6.413 min
Delta R.T.: -0.014 min
Response: 24521502
Conc: 508.43 ng/ml



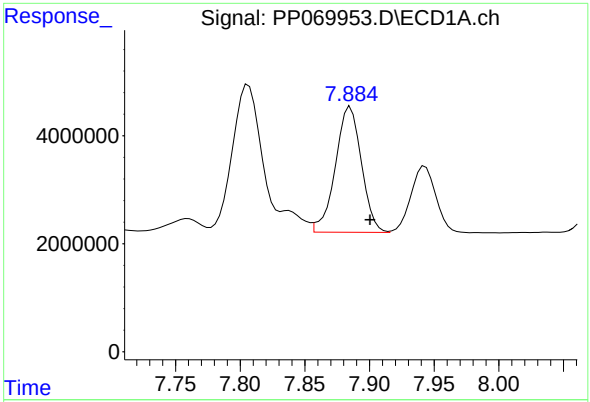
#32 AR-1260-2

R.T.: 7.527 min
Delta R.T.: -0.014 min
Response: 39591768
Conc: 508.81 ng/ml



#32 AR-1260-2

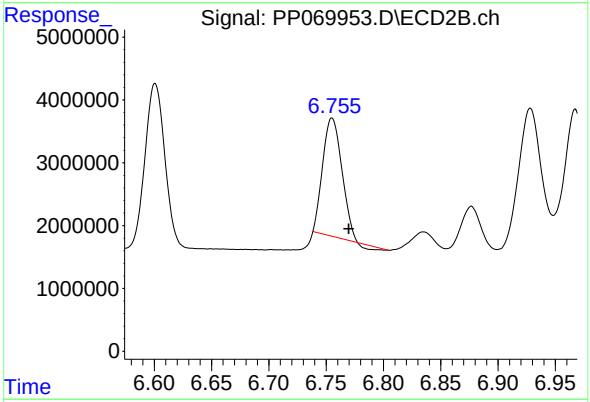
R.T.: 6.601 min
Delta R.T.: -0.014 min
Response: 32255093
Conc: 526.15 ng/ml



#33 AR-1260-3

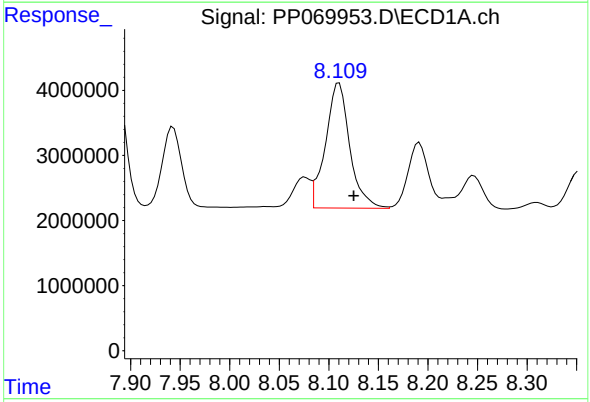
R.T.: 7.885 min
Delta R.T.: -0.015 min
Response: 32629542
Conc: 521.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



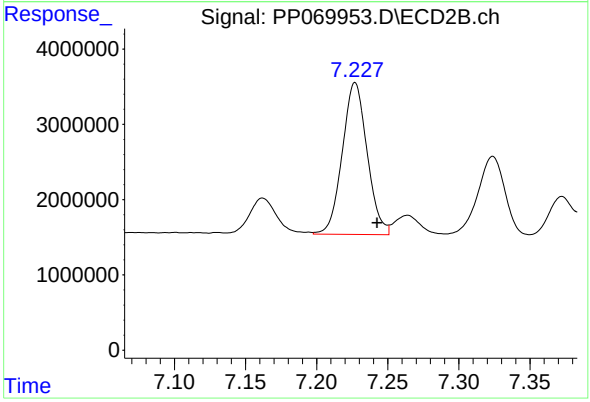
#33 AR-1260-3

R.T.: 6.755 min
Delta R.T.: -0.015 min
Response: 21503705
Conc: 357.46 ng/ml



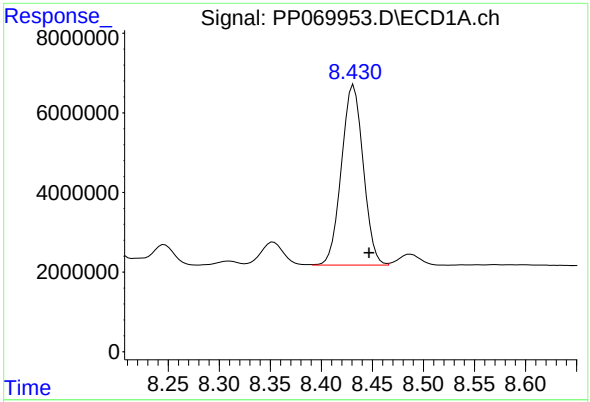
#34 AR-1260-4

R.T.: 8.110 min
Delta R.T.: -0.015 min
Response: 32651096
Conc: 494.89 ng/ml



#34 AR-1260-4

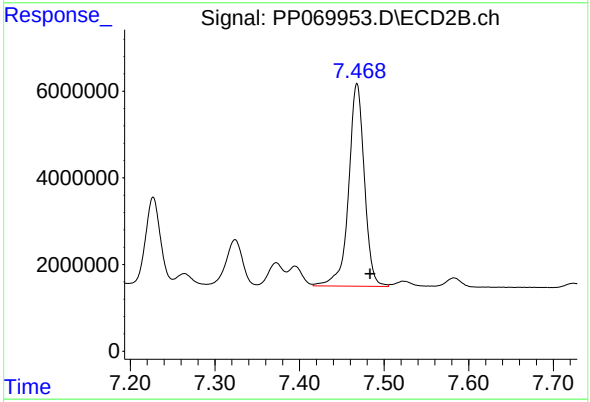
R.T.: 7.227 min
Delta R.T.: -0.015 min
Response: 24557005
Conc: 528.47 ng/ml



#35 AR-1260-5

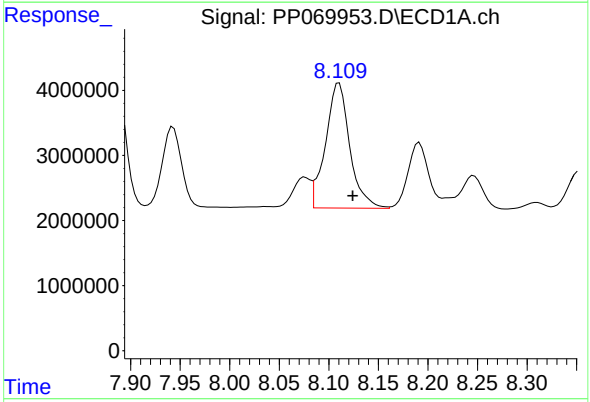
R.T.: 8.432 min
Delta R.T.: -0.015 min
Response: 67240463
Conc: 513.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



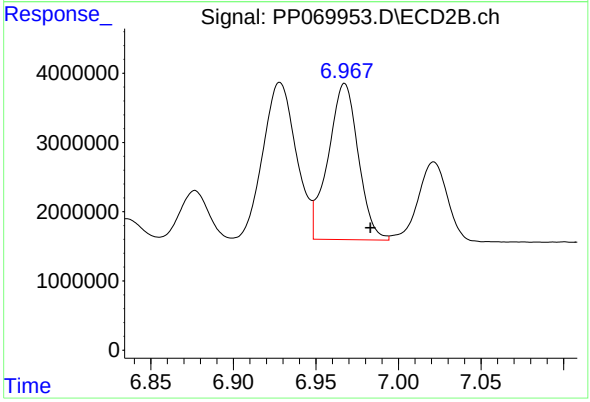
#35 AR-1260-5

R.T.: 7.468 min
Delta R.T.: -0.016 min
Response: 60426082
Conc: 543.67 ng/ml



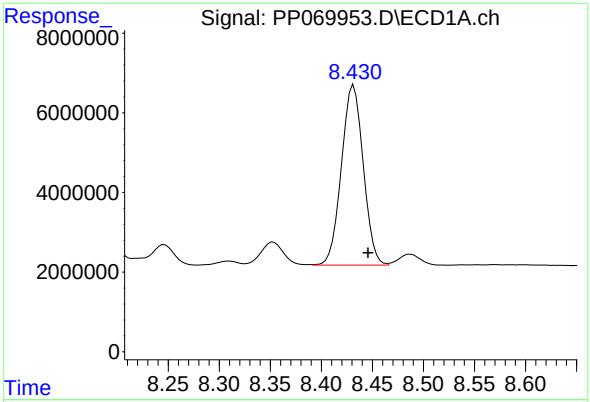
#36 AR-1262-1

R.T.: 8.110 min
Delta R.T.: -0.014 min
Response: 32651096
Conc: 413.21 ng/ml



#36 AR-1262-1

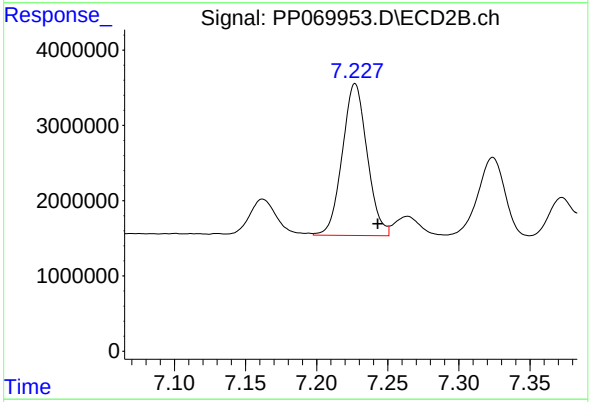
R.T.: 6.967 min
Delta R.T.: -0.016 min
Response: 28663700
Conc: 403.64 ng/ml



#37 AR-1262-2

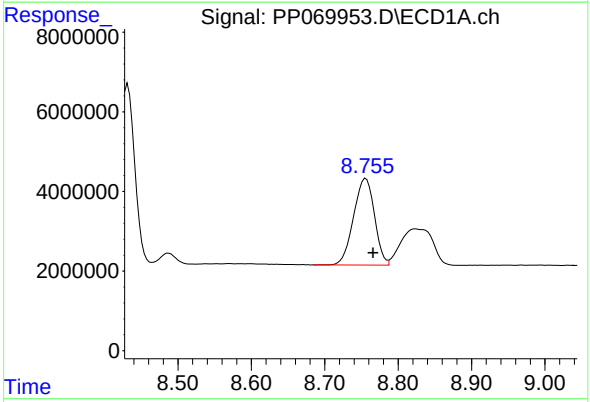
R.T.: 8.432 min
Delta R.T.: -0.014 min
Response: 67240463
Conc: 439.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



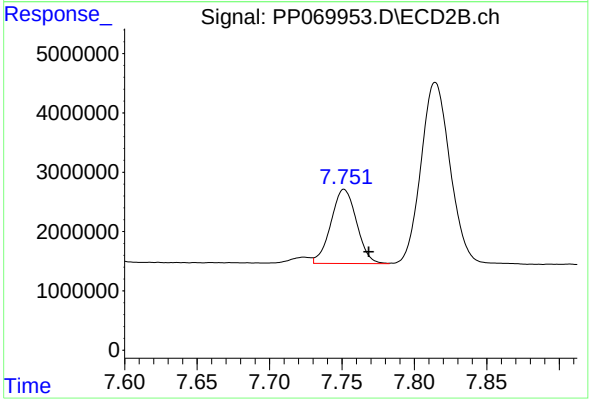
#37 AR-1262-2

R.T.: 7.227 min
Delta R.T.: -0.016 min
Response: 24557005
Conc: 402.71 ng/ml



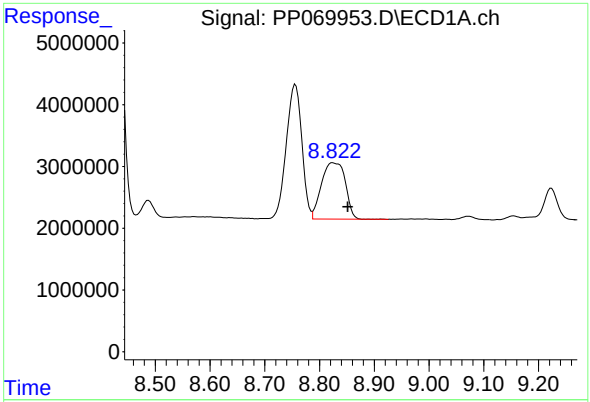
#38 AR-1262-3

R.T.: 8.756 min
Delta R.T.: -0.010 min
Response: 43007725
Conc: 404.67 ng/ml



#38 AR-1262-3

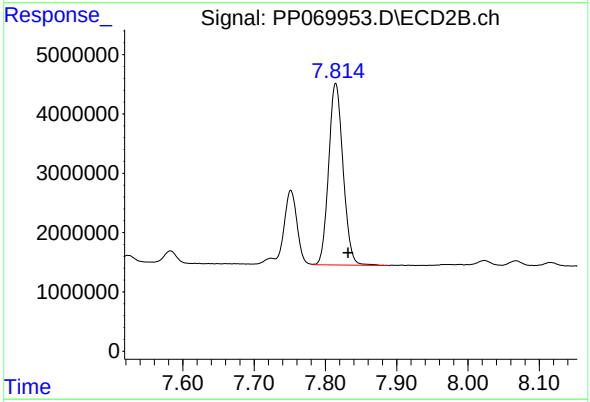
R.T.: 7.751 min
Delta R.T.: -0.017 min
Response: 15431390
Conc: 295.06 ng/ml



#39 AR-1262-4

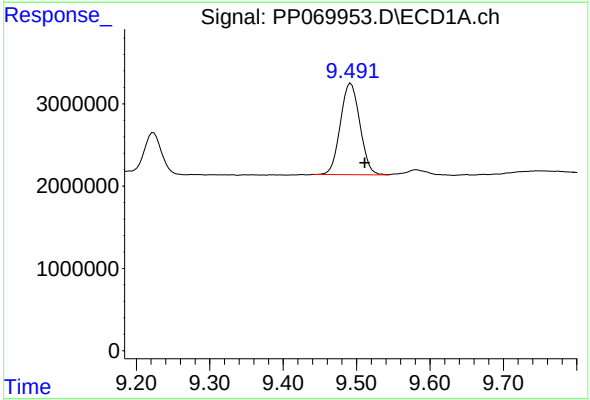
R.T.: 8.824 min
Delta R.T.: -0.028 min
Response: 27635798
Conc: 337.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



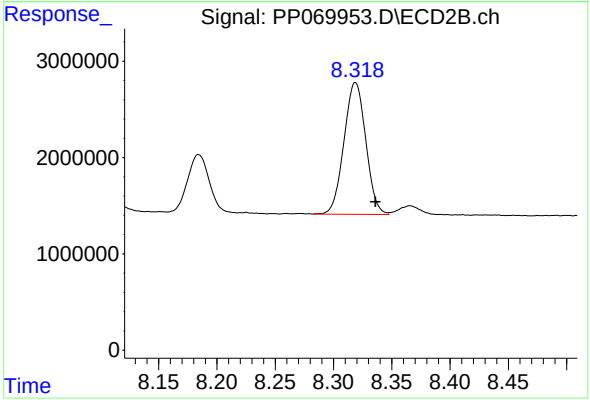
#39 AR-1262-4

R.T.: 7.814 min
Delta R.T.: -0.018 min
Response: 43010443
Conc: 465.30 ng/ml



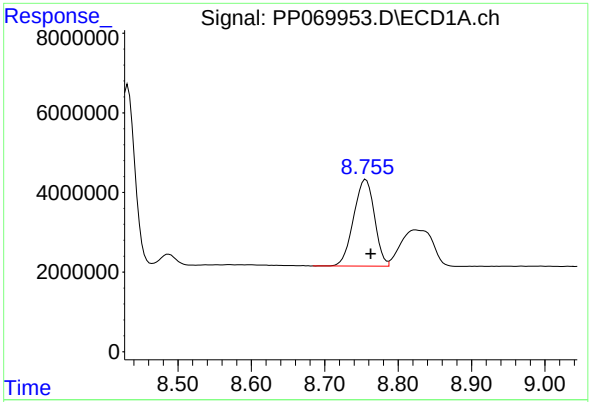
#40 AR-1262-5

R.T.: 9.492 min
Delta R.T.: -0.019 min
Response: 20563586
Conc: 363.25 ng/ml



#40 AR-1262-5

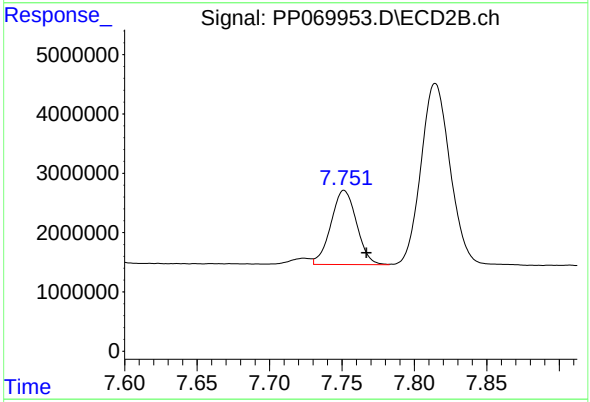
R.T.: 8.319 min
Delta R.T.: -0.017 min
Response: 17799510
Conc: 372.44 ng/ml



#41 AR-1268-1

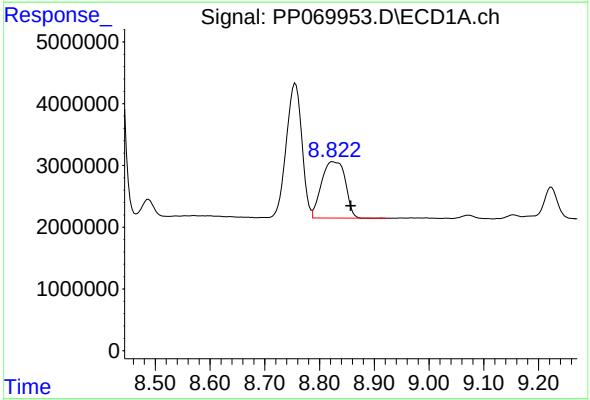
R.T.: 8.756 min
Delta R.T.: -0.007 min
Response: 43007725
Conc: 243.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



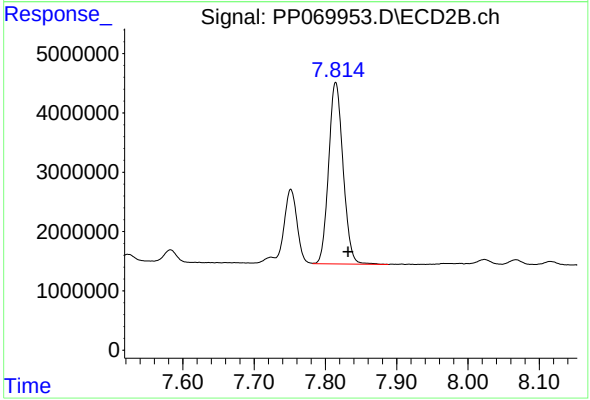
#41 AR-1268-1

R.T.: 7.751 min
Delta R.T.: -0.015 min
Response: 15431390
Conc: 106.33 ng/ml



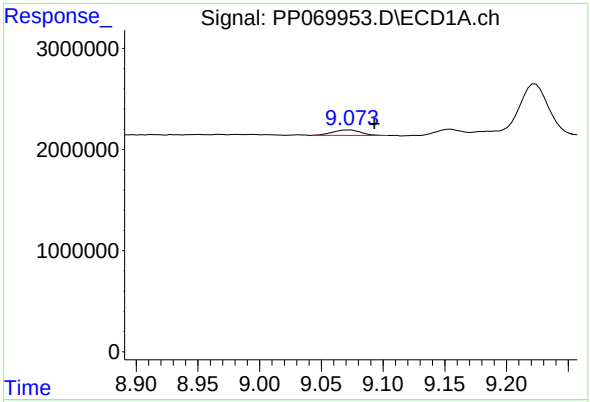
#42 AR-1268-2

R.T.: 8.824 min
Delta R.T.: -0.033 min
Response: 27635798
Conc: 175.61 ng/ml



#42 AR-1268-2

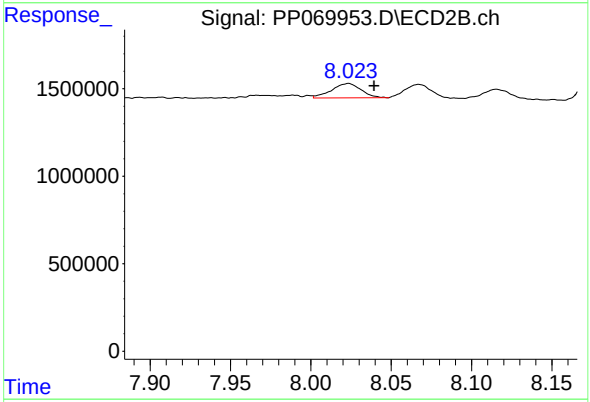
R.T.: 7.814 min
Delta R.T.: -0.018 min
Response: 43010443
Conc: 323.84 ng/ml



#43 AR-1268-3

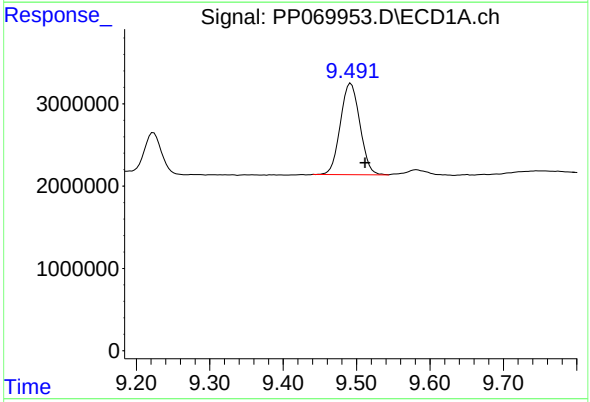
R.T.: 9.073 min
Delta R.T.: -0.020 min
Response: 874244
Conc: 6.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



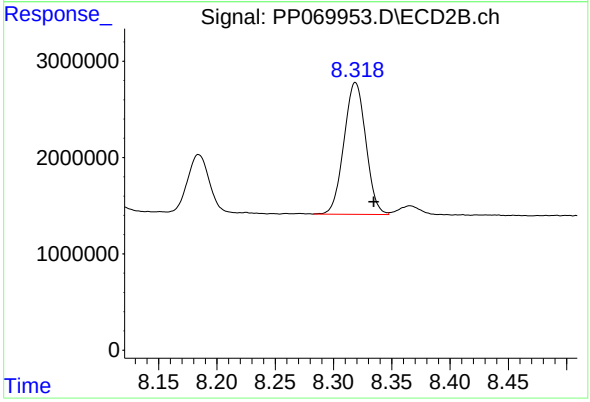
#43 AR-1268-3

R.T.: 8.023 min
Delta R.T.: -0.016 min
Response: 1049889
Conc: 9.23 ng/ml



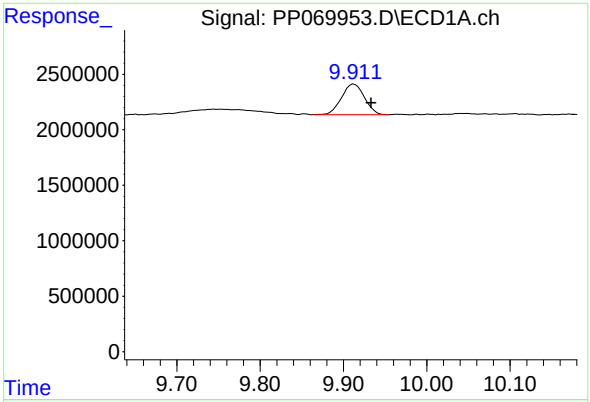
#44 AR-1268-4

R.T.: 9.492 min
Delta R.T.: -0.019 min
Response: 20563586
Conc: 350.19 ng/ml



#44 AR-1268-4

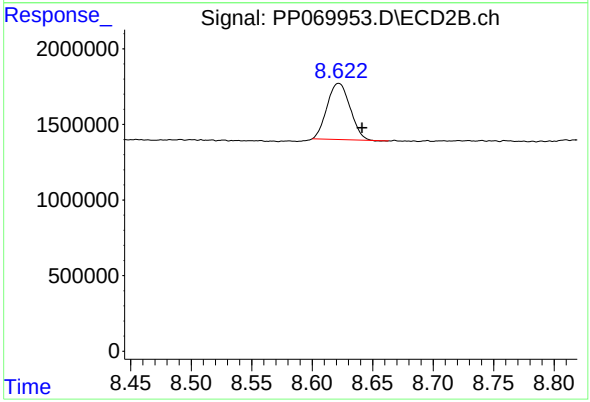
R.T.: 8.319 min
Delta R.T.: -0.016 min
Response: 17799510
Conc: 341.79 ng/ml



#45 AR-1268-5

R.T.: 9.913 min
Delta R.T.: -0.021 min
Response: 5259768
Conc: 13.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.622 min
Delta R.T.: -0.019 min
Response: 4917461
Conc: 13.81 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 10:04
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:11:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.830	75921926	42356384	53.037	47.456	
2)	SA Decachlor...	10.249	8.886	56416488	52622294	51.621	47.048	
	Target Compounds							
3)	L1 AR-1016-1	5.701	4.937	1204963	436632	26.007	13.387	#
4)	L1 AR-1016-2	5.701	4.937	1204963	436632	17.752	9.712	#
5)	L1 AR-1016-3	0.000	5.119	0	165465	N.D.	6.649	#
6)	L1 AR-1016-4	0.000	5.157	0	10671753	N.D.	528.402	#
7)	L1 AR-1016-5	6.150	5.372	7612108	6671579	230.261	248.718	
8)	L2 AR-1221-1	0.000	4.061	0	27013	N.D.	2.193	#
9)	L2 AR-1221-2	4.826	4.132	1377596	791764	100.610	81.765	
10)	L2 AR-1221-3	4.883	4.207	637862	273975	15.208	9.391	#
11)	L3 AR-1232-1	4.883	4.207	637862	273975	19.159	11.669	#
12)	L3 AR-1232-2	0.000	4.937	0	436632	N.D.	18.523	#
13)	L3 AR-1232-3	5.701	5.119	1204963	165465	35.070	12.780	#
14)	L3 AR-1232-4	0.000	5.198	0	3260119	N.D.	294.067	#
15)	L3 AR-1232-5	5.948	5.372	14478293	6671579	1263.110	546.389	#
16)	L4 AR-1242-1	5.701	4.937	1204963	436632	28.892	15.144	#
17)	L4 AR-1242-2	5.701	4.937	1204963	436632	20.426	11.083	#
18)	L4 AR-1242-3	0.000	5.119	0	165465	N.D.	7.353	#
19)	L4 AR-1242-4	0.000	5.198	0	3260119	N.D.	151.056	#
20)	L4 AR-1242-5	6.592	5.726	9119848	26530540	279.884	922.212	#
21)	L5 AR-1248-1	5.701	4.937	1204963	436632	37.145	19.837	#
22)	L5 AR-1248-2	5.948	5.157	14478293	10671753	341.096	354.961	
23)	L5 AR-1248-3	6.150	5.231	7612108	543533	162.004	17.542	#
24)	L5 AR-1248-4	6.592	5.372	9119848	6671579	165.451	180.588	
25)	L5 AR-1248-5	6.592	5.766	9119848	3701944	170.836	99.010	#
26)	L6 AR-1254-1	6.526	5.726	40941533	26530540	707.551	481.885	#
27)	L6 AR-1254-2	6.742	5.874	41850874	23770358	521.559	491.440	
28)	L6 AR-1254-3	7.105	6.279	41664980	37140214	494.314	489.356	
29)	L6 AR-1254-4	7.387	6.538	34895103	5239497	511.750	102.235	#
30)	L6 AR-1254-5	7.805	6.927	39120744	32331986	574.915	485.754	
31)	L7 AR-1260-1	7.270	6.410	16290845	19593264	278.780	406.250	#
32)	L7 AR-1260-2	7.523	6.598	21102522	16393906	271.196	267.421	
33)	L7 AR-1260-3	7.865f	6.751	4364043	8212504	69.803	136.519	#
34)	L7 AR-1260-4	8.090	7.224	13179167	1813328	199.755	39.023	#
35)	L7 AR-1260-5	8.426	7.495	5204768	1116293	39.754	10.044	#
36)	L8 AR-1262-1	8.090	6.996	13179167	3573118	166.786	50.316	#
37)	L8 AR-1262-2	8.426	7.261	5204768	8666376	34.035	142.120	#
38)	L8 AR-1262-3	8.755	7.749	4008964	220281	37.721	4.212	#
39)	L8 AR-1262-4	8.804f	7.810	1118131	3995068	13.670	43.220	#
40)	L8 AR-1262-5	0.000	8.313	0	197485	N.D.	4.132	#
41)	L9 AR-1268-1	8.755	7.749	4008964	220281	22.704	1.518	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 10:04
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:11:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.804f	7.810	1118131	3995068	7.105	30.080 #
43) L9	AR-1268-3	0.000	8.018	0	155264	N.D.	1.365 #
44) L9	AR-1268-4	0.000	8.313	0	197485	N.D.	3.792 #
45) L9	AR-1268-5	0.000	8.619	0	315898	N.D.	0.887 #

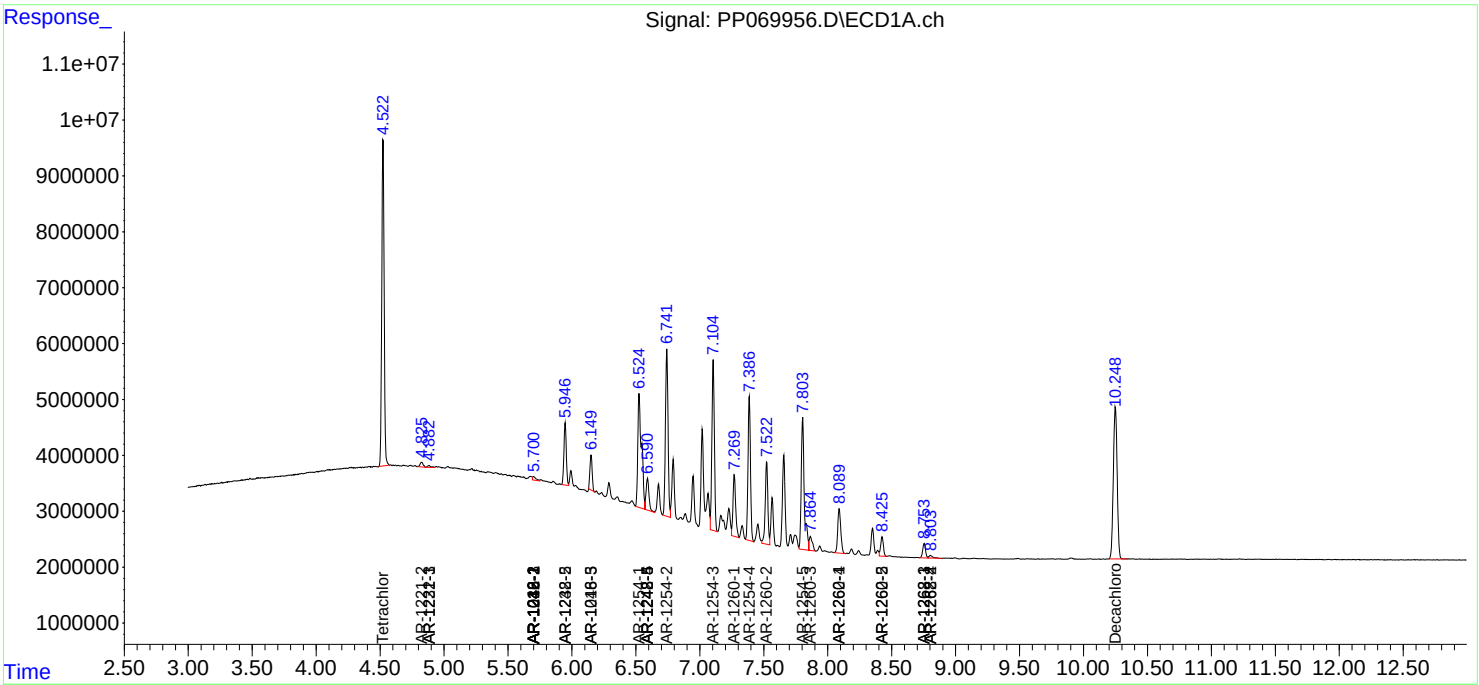
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

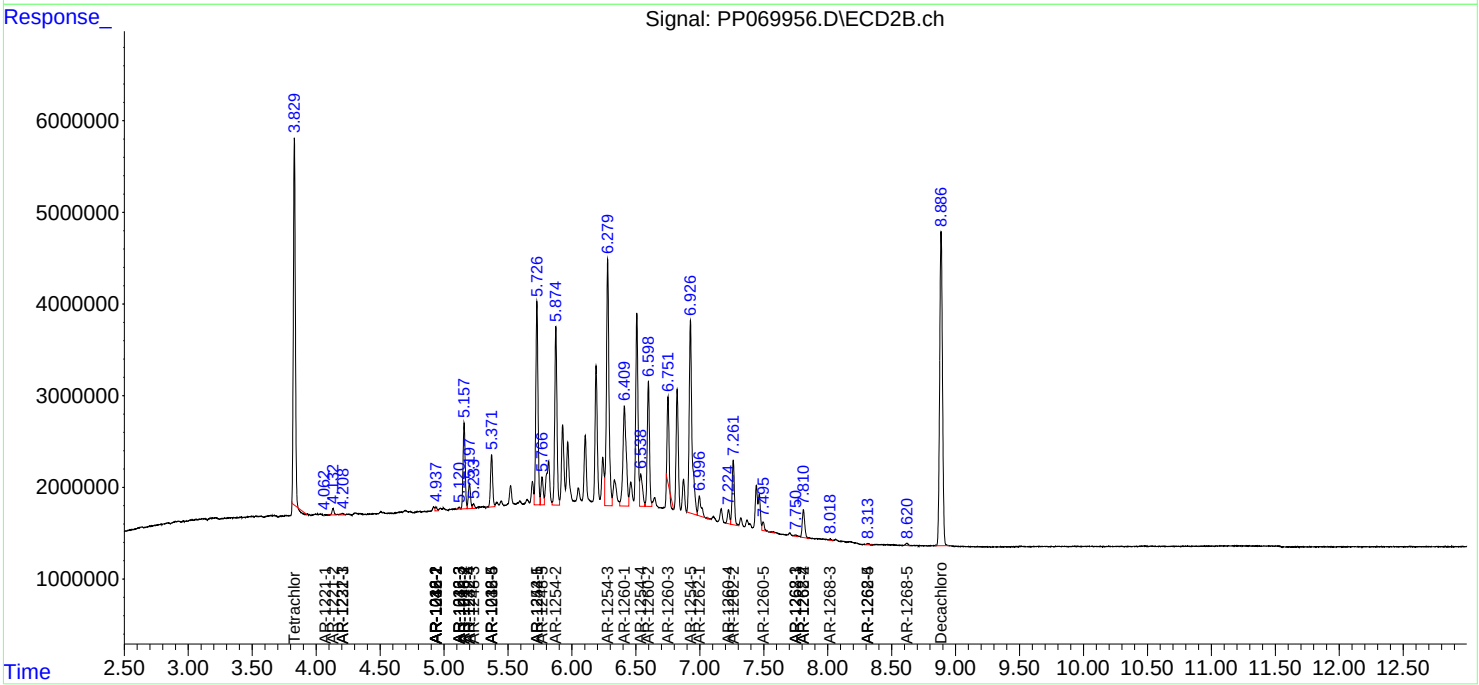
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 10:04
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

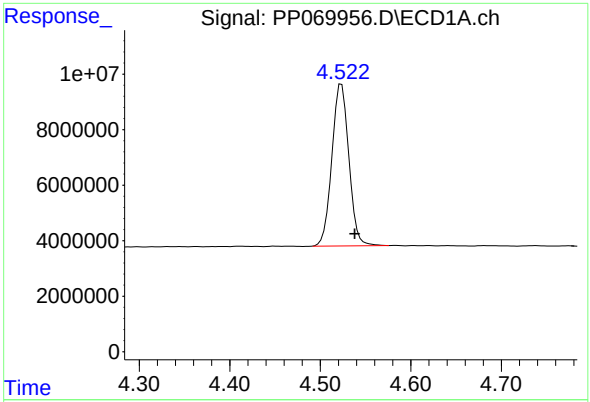
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:11:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



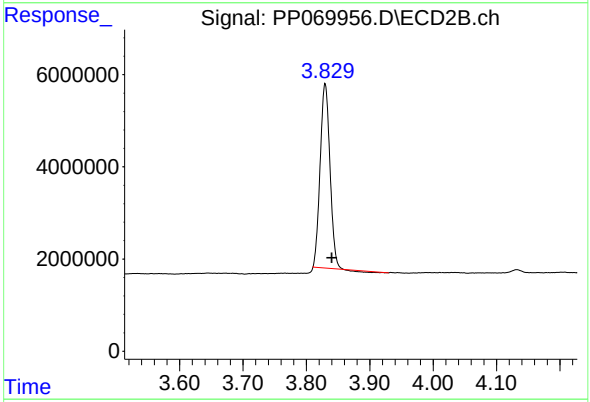




#1 Tetrachloro-m-xylene

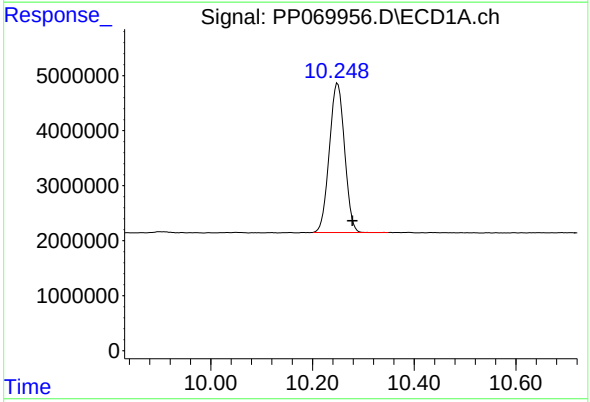
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 75921926
Conc: 53.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



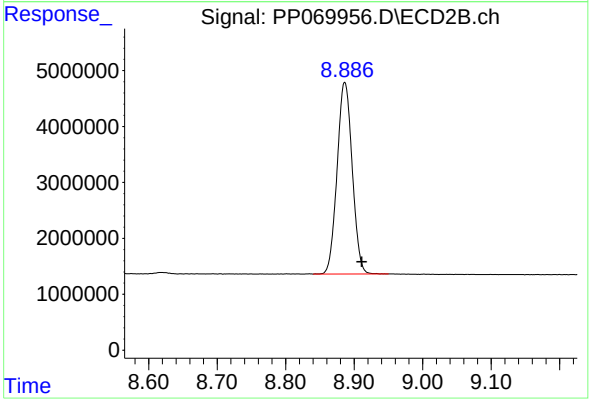
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 42356384
Conc: 47.46 ng/ml



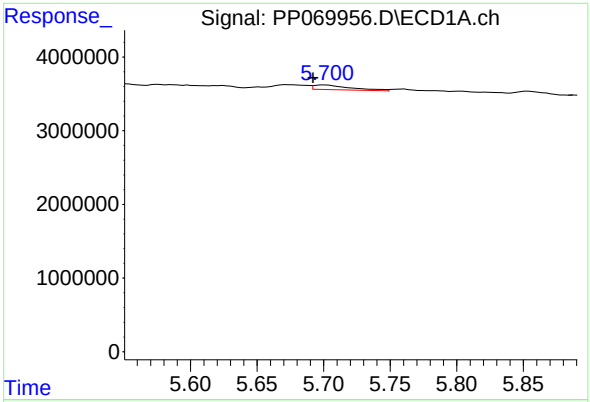
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.029 min
Response: 56416488
Conc: 51.62 ng/ml



#2 Decachlorobiphenyl

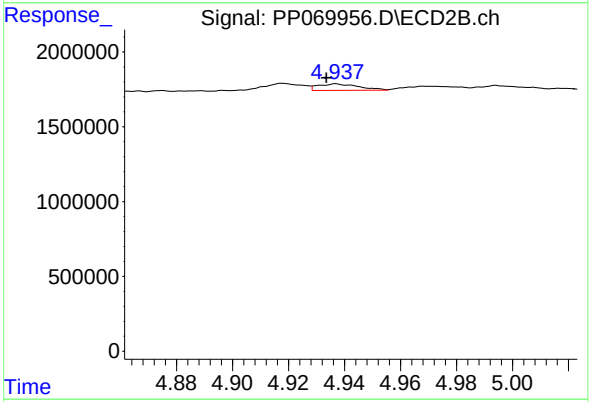
R.T.: 8.886 min
Delta R.T.: -0.025 min
Response: 52622294
Conc: 47.05 ng/ml



#3 AR-1016-1

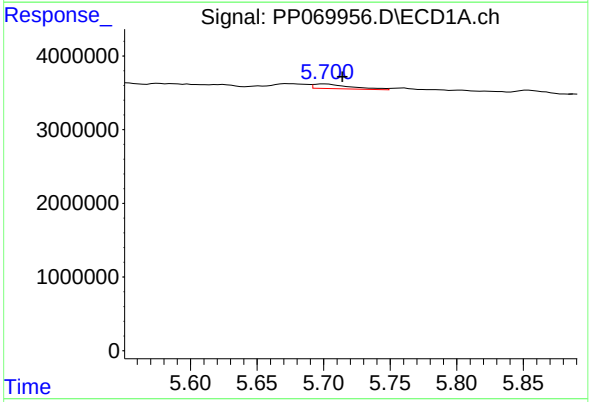
R.T.: 5.701 min
Delta R.T.: 0.009 min
Response: 1204963
Conc: 26.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



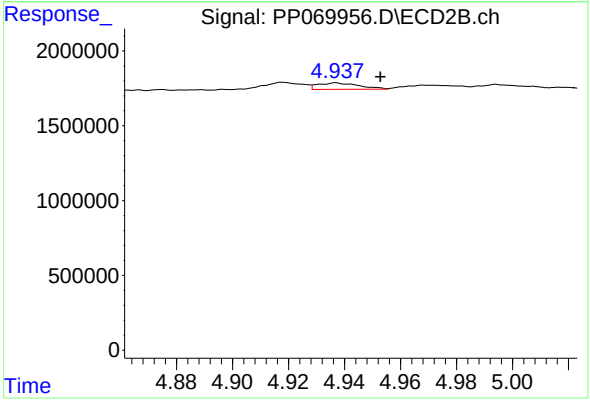
#3 AR-1016-1

R.T.: 4.937 min
Delta R.T.: 0.003 min
Response: 436632
Conc: 13.39 ng/ml



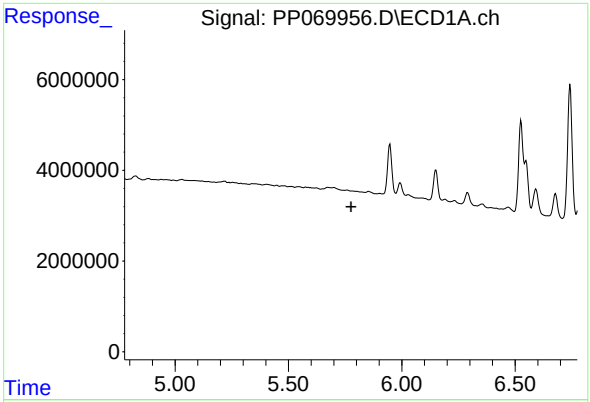
#4 AR-1016-2

R.T.: 5.701 min
Delta R.T.: -0.013 min
Response: 1204963
Conc: 17.75 ng/ml



#4 AR-1016-2

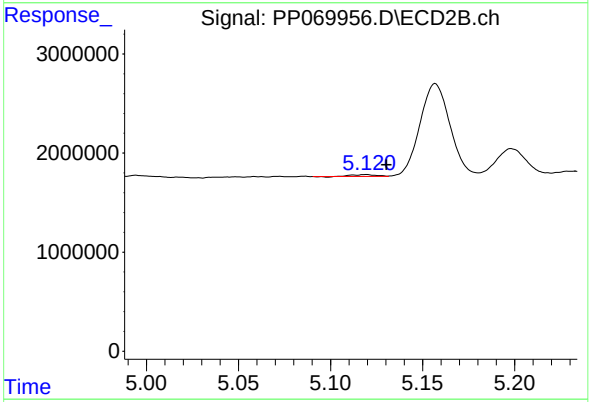
R.T.: 4.937 min
Delta R.T.: -0.016 min
Response: 436632
Conc: 9.71 ng/ml



#5 AR-1016-3

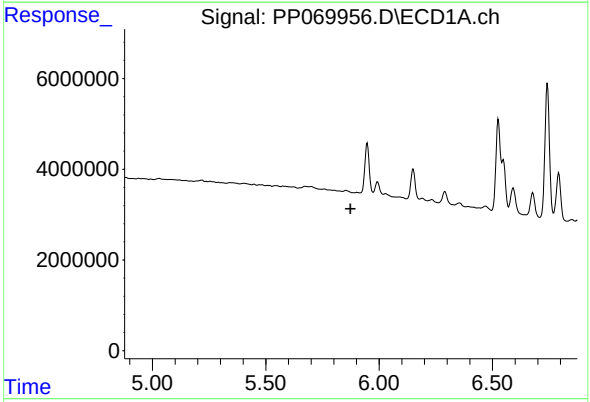
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



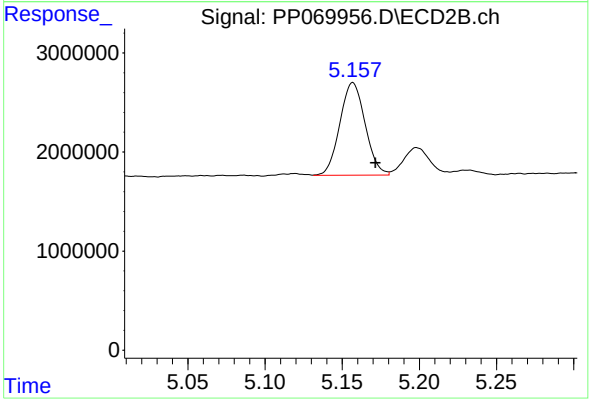
#5 AR-1016-3

R.T.: 5.119 min
Delta R.T.: -0.011 min
Response: 165465
Conc: 6.65 ng/ml



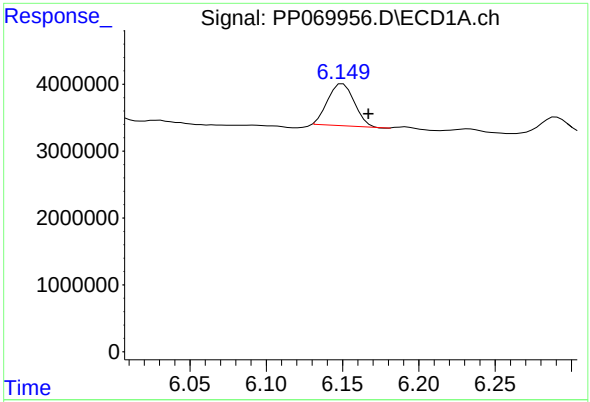
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

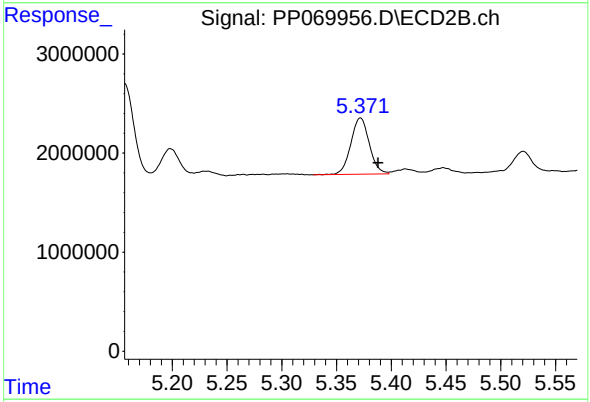
R.T.: 5.157 min
Delta R.T.: -0.015 min
Response: 10671753
Conc: 528.40 ng/ml



#7 AR-1016-5

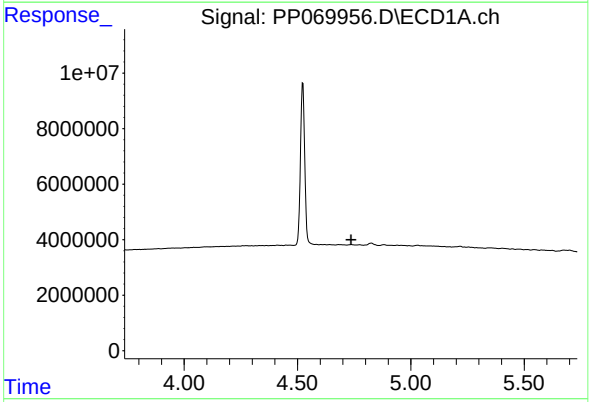
R.T.: 6.150 min
Delta R.T.: -0.017 min
Response: 7612108
Conc: 230.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



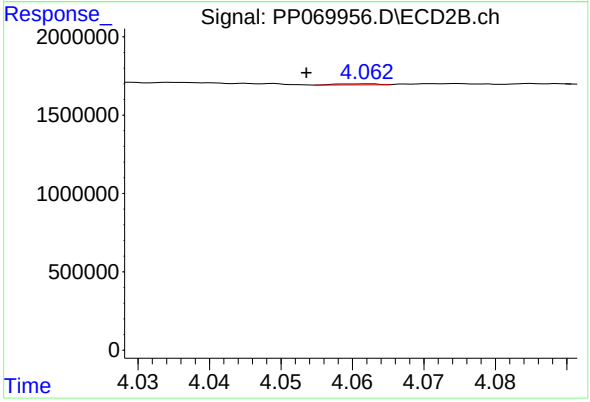
#7 AR-1016-5

R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 6671579
Conc: 248.72 ng/ml



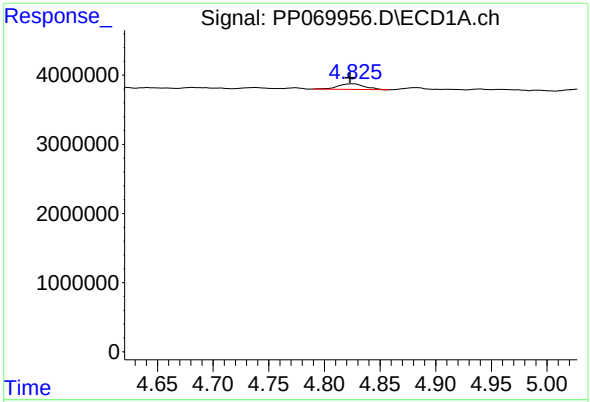
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

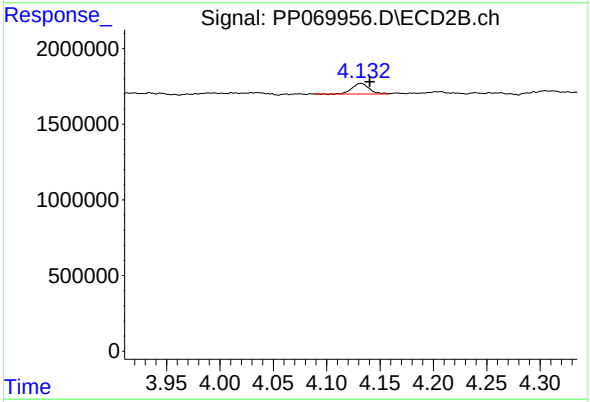
R.T.: 4.061 min
Delta R.T.: 0.008 min
Response: 27013
Conc: 2.19 ng/ml



#9 AR-1221-2

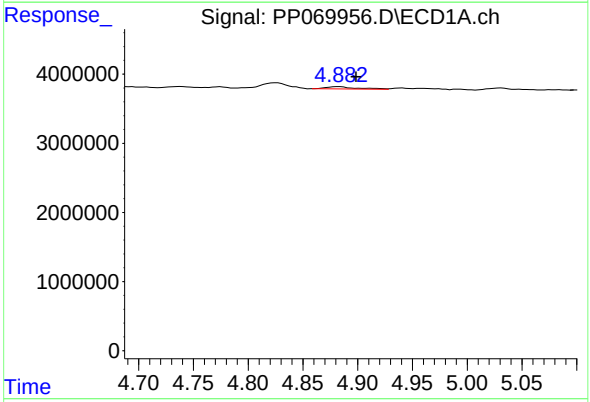
R.T.: 4.826 min
Delta R.T.: 0.003 min
Response: 1377596
Conc: 100.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



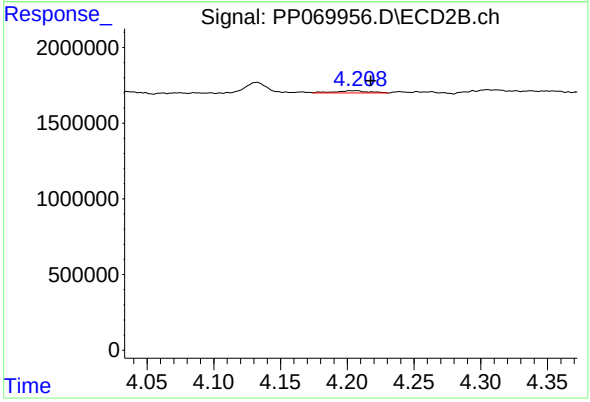
#9 AR-1221-2

R.T.: 4.132 min
Delta R.T.: -0.008 min
Response: 791764
Conc: 81.77 ng/ml



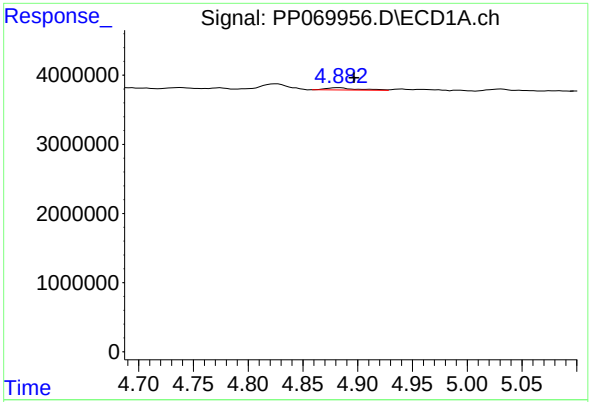
#10 AR-1221-3

R.T.: 4.883 min
Delta R.T.: -0.015 min
Response: 637862
Conc: 15.21 ng/ml



#10 AR-1221-3

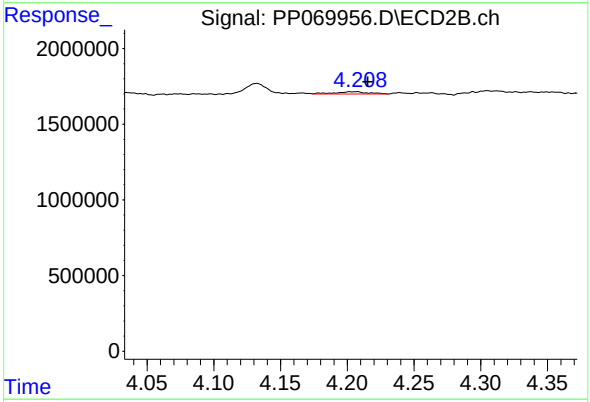
R.T.: 4.207 min
Delta R.T.: -0.010 min
Response: 273975
Conc: 9.39 ng/ml



#11 AR-1232-1

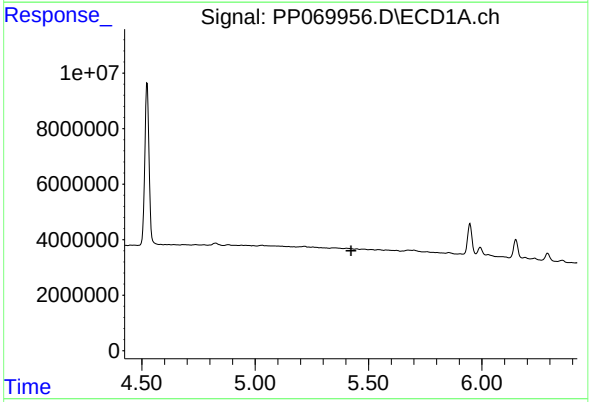
R.T.: 4.883 min
Delta R.T.: -0.014 min
Response: 637862
Conc: 19.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



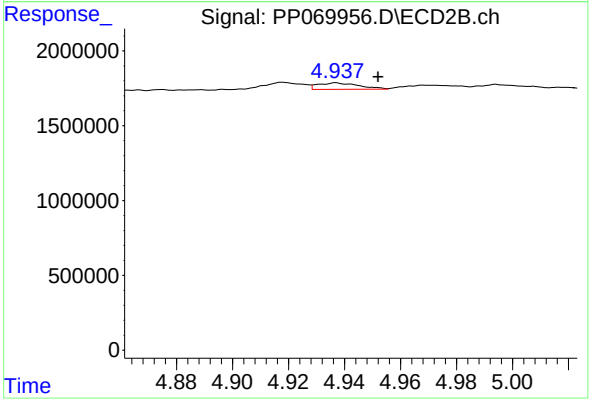
#11 AR-1232-1

R.T.: 4.207 min
Delta R.T.: -0.008 min
Response: 273975
Conc: 11.67 ng/ml



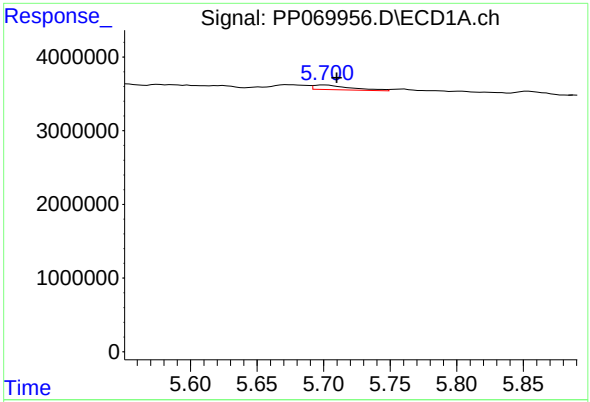
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

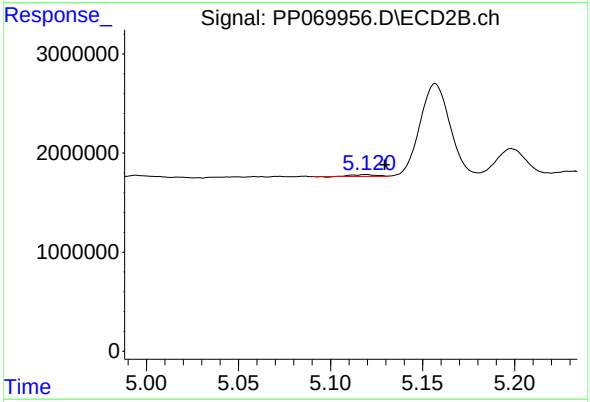
R.T.: 4.937 min
Delta R.T.: -0.015 min
Response: 436632
Conc: 18.52 ng/ml



#13 AR-1232-3

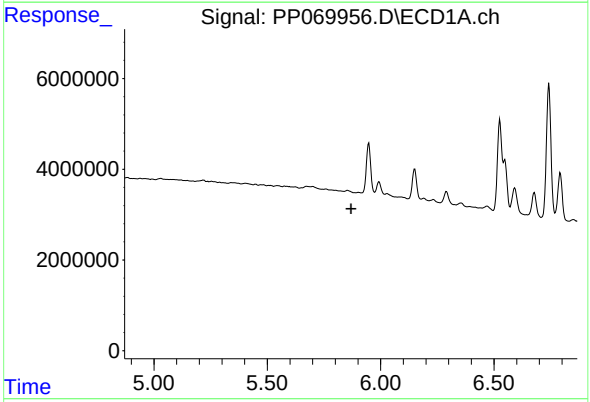
R.T.: 5.701 min
Delta R.T.: -0.009 min
Response: 1204963
Conc: 35.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



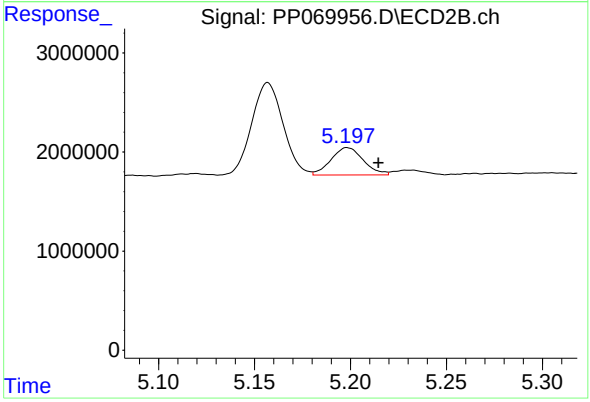
#13 AR-1232-3

R.T.: 5.119 min
Delta R.T.: -0.010 min
Response: 165465
Conc: 12.78 ng/ml



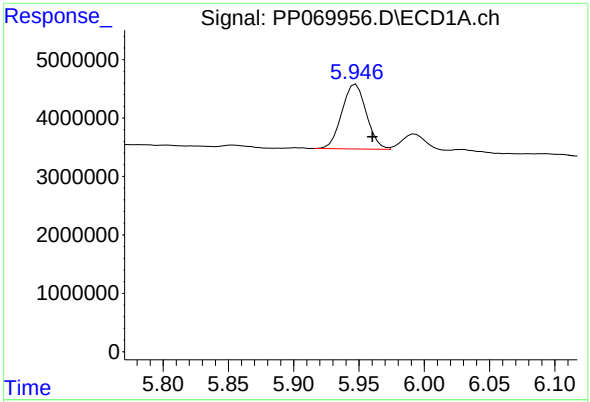
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

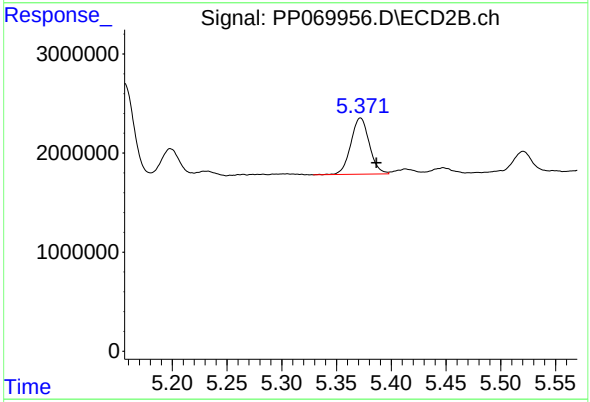
R.T.: 5.198 min
Delta R.T.: -0.016 min
Response: 3260119
Conc: 294.07 ng/ml



#15 AR-1232-5

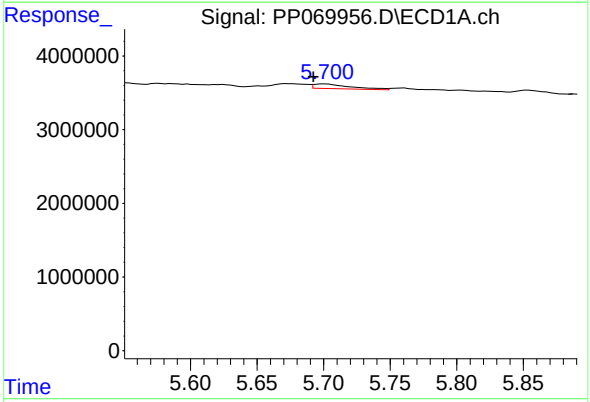
R.T.: 5.948 min
Delta R.T.: -0.013 min
Response: 14478293
Conc: 1263.11 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



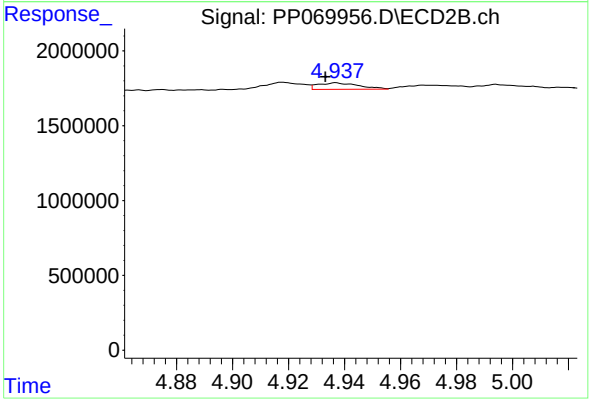
#15 AR-1232-5

R.T.: 5.372 min
Delta R.T.: -0.015 min
Response: 6671579
Conc: 546.39 ng/ml



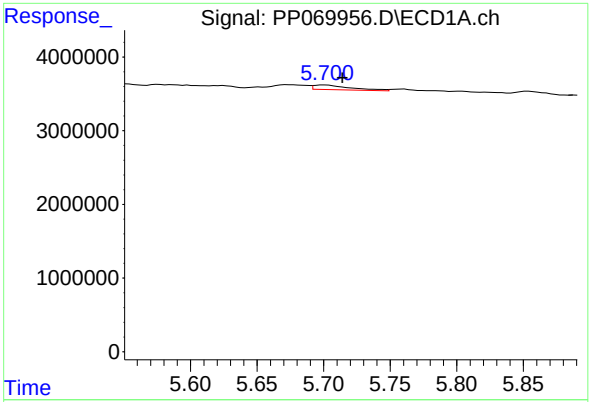
#16 AR-1242-1

R.T.: 5.701 min
Delta R.T.: 0.009 min
Response: 1204963
Conc: 28.89 ng/ml



#16 AR-1242-1

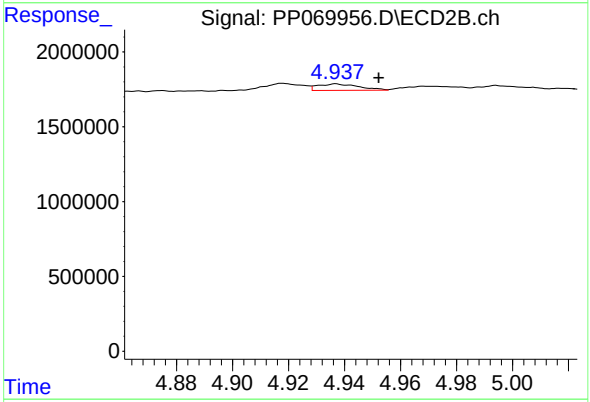
R.T.: 4.937 min
Delta R.T.: 0.004 min
Response: 436632
Conc: 15.14 ng/ml



#17 AR-1242-2

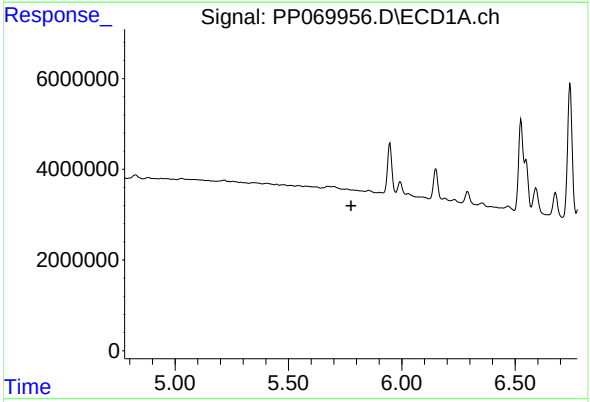
R.T.: 5.701 min
Delta R.T.: -0.013 min
Response: 1204963
Conc: 20.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



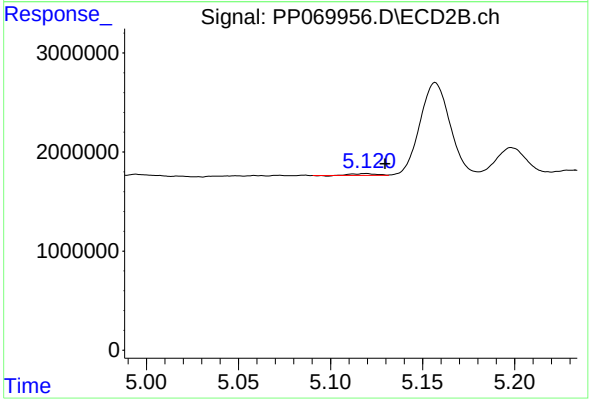
#17 AR-1242-2

R.T.: 4.937 min
Delta R.T.: -0.015 min
Response: 436632
Conc: 11.08 ng/ml



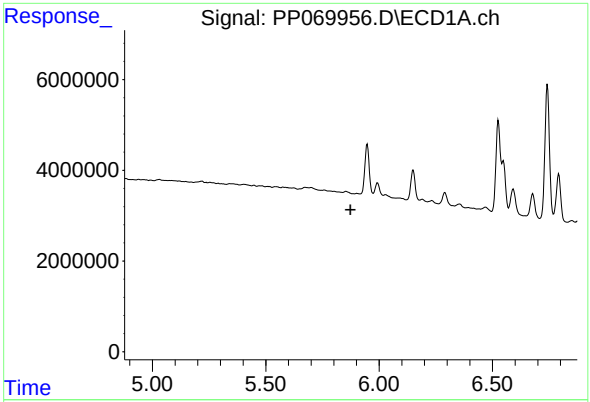
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

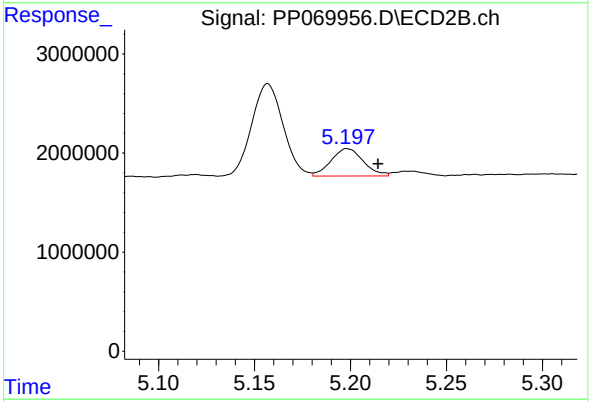
R.T.: 5.119 min
Delta R.T.: -0.010 min
Response: 165465
Conc: 7.35 ng/ml



#19 AR-1242-4

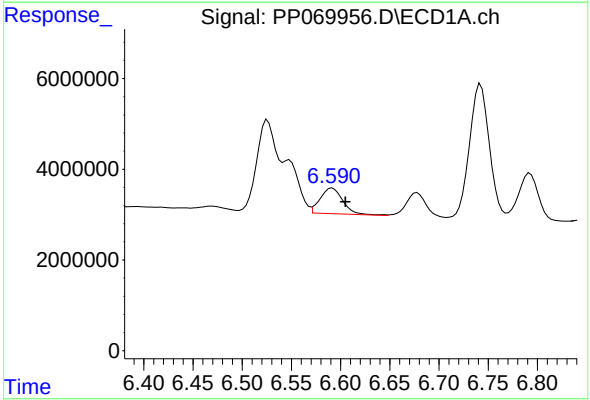
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



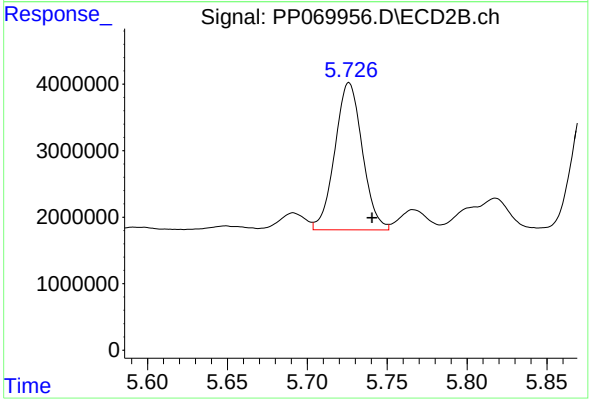
#19 AR-1242-4

R.T.: 5.198 min
Delta R.T.: -0.016 min
Response: 3260119
Conc: 151.06 ng/ml



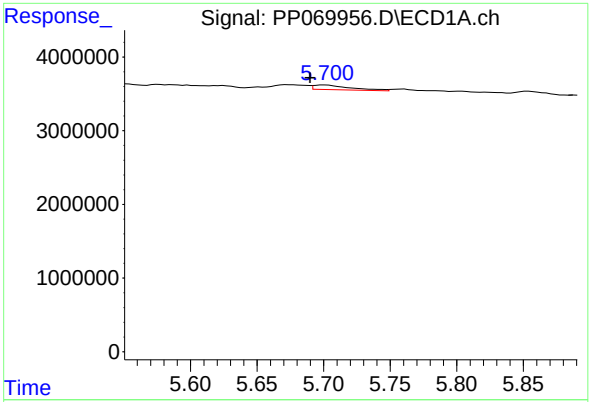
#20 AR-1242-5

R.T.: 6.592 min
Delta R.T.: -0.013 min
Response: 9119848
Conc: 279.88 ng/ml



#20 AR-1242-5

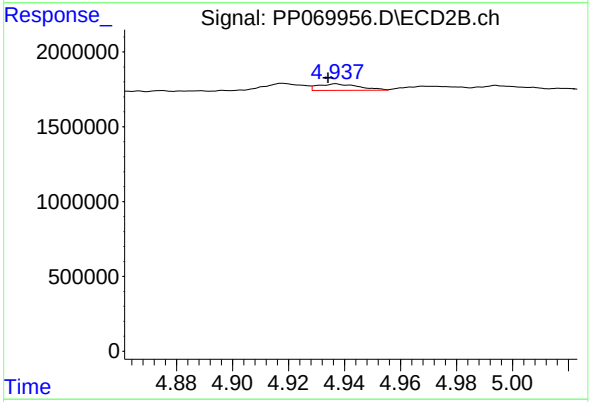
R.T.: 5.726 min
Delta R.T.: -0.014 min
Response: 26530540
Conc: 922.21 ng/ml



#21 AR-1248-1

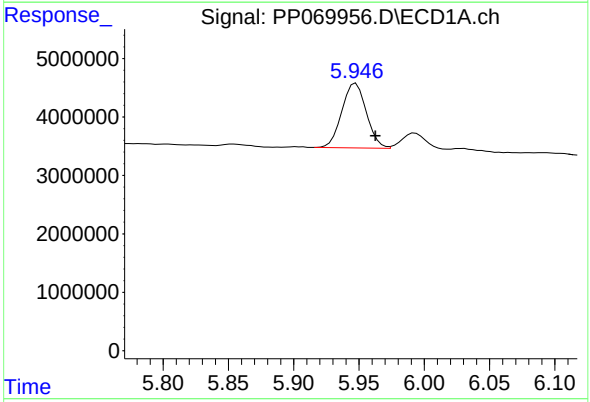
R.T.: 5.701 min
Delta R.T.: 0.011 min
Response: 1204963
Conc: 37.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



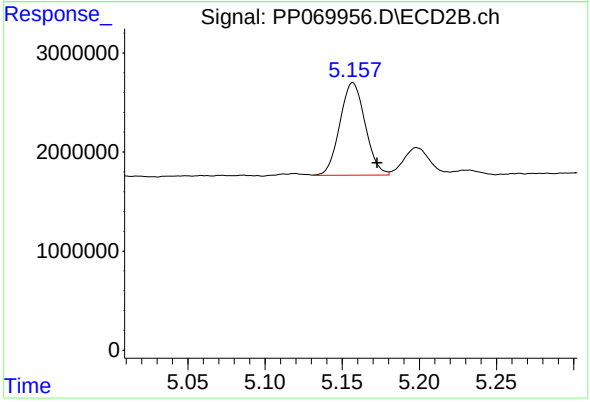
#21 AR-1248-1

R.T.: 4.937 min
Delta R.T.: 0.003 min
Response: 436632
Conc: 19.84 ng/ml



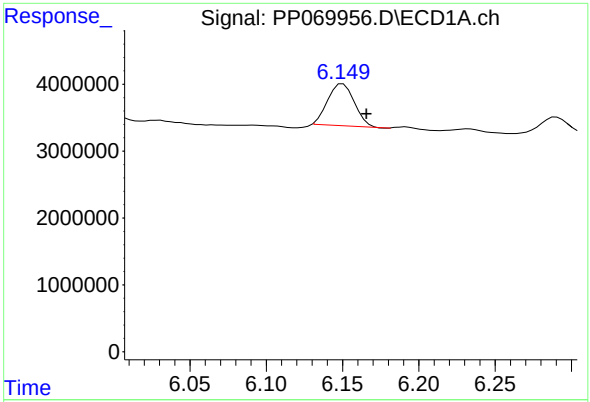
#22 AR-1248-2

R.T.: 5.948 min
Delta R.T.: -0.015 min
Response: 14478293
Conc: 341.10 ng/ml



#22 AR-1248-2

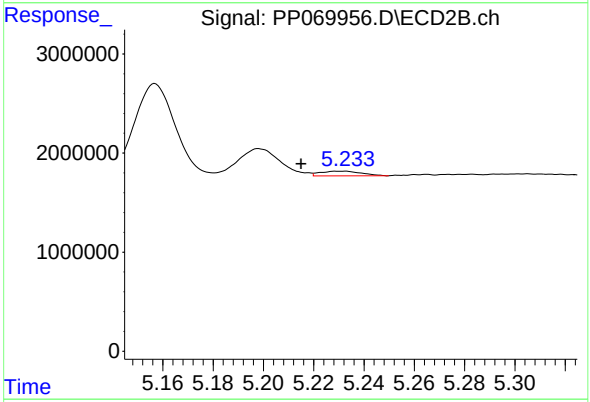
R.T.: 5.157 min
Delta R.T.: -0.016 min
Response: 10671753
Conc: 354.96 ng/ml



#23 AR-1248-3

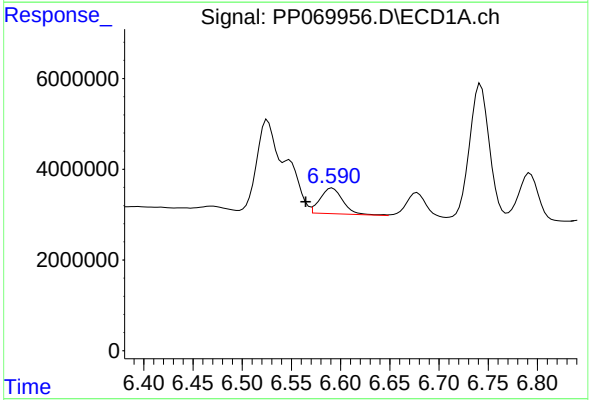
R.T.: 6.150 min
Delta R.T.: -0.015 min
Response: 7612108
Conc: 162.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



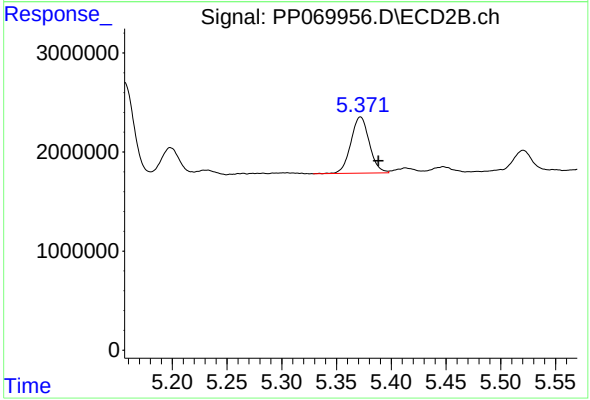
#23 AR-1248-3

R.T.: 5.231 min
Delta R.T.: 0.016 min
Response: 543533
Conc: 17.54 ng/ml



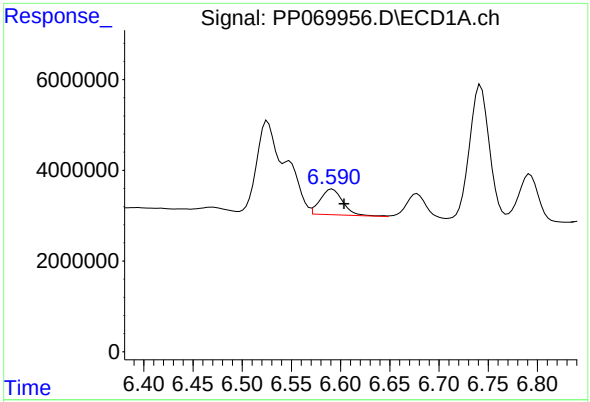
#24 AR-1248-4

R.T.: 6.592 min
Delta R.T.: 0.027 min
Response: 9119848
Conc: 165.45 ng/ml



#24 AR-1248-4

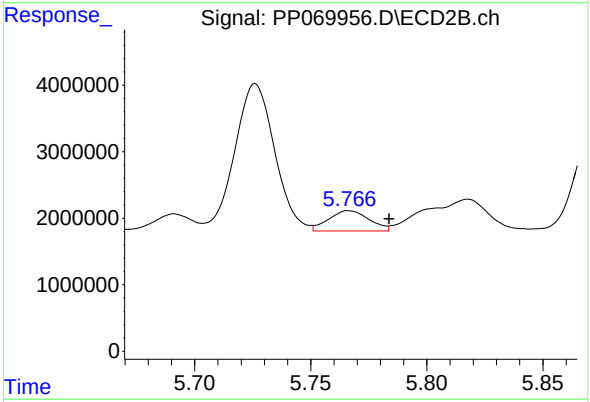
R.T.: 5.372 min
Delta R.T.: -0.016 min
Response: 6671579
Conc: 180.59 ng/ml



#25 AR-1248-5

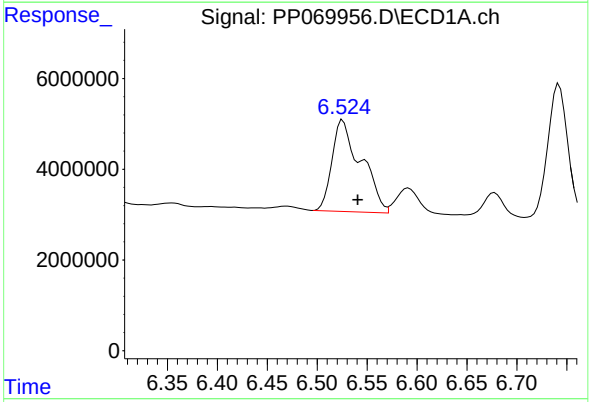
R.T.: 6.592 min
Delta R.T.: -0.012 min
Response: 9119848
Conc: 170.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



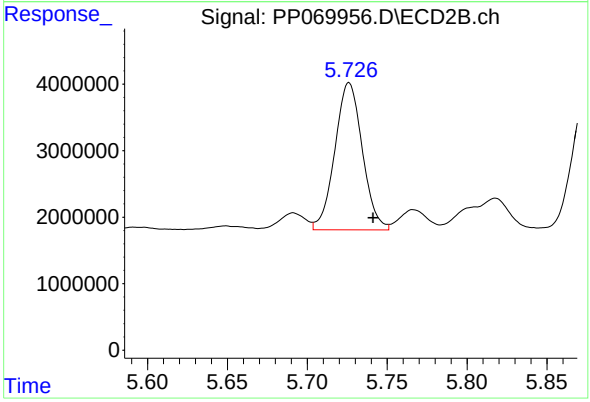
#25 AR-1248-5

R.T.: 5.766 min
Delta R.T.: -0.017 min
Response: 3701944
Conc: 99.01 ng/ml



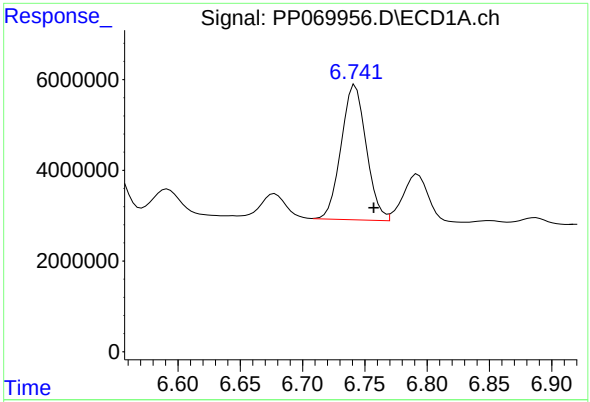
#26 AR-1254-1

R.T.: 6.526 min
Delta R.T.: -0.015 min
Response: 40941533
Conc: 707.55 ng/ml



#26 AR-1254-1

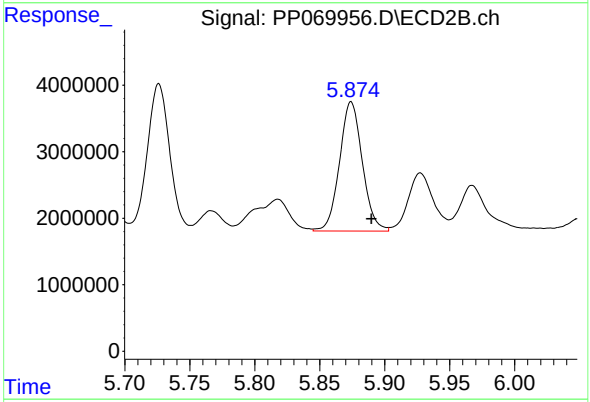
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 26530540
Conc: 481.88 ng/ml



#27 AR-1254-2

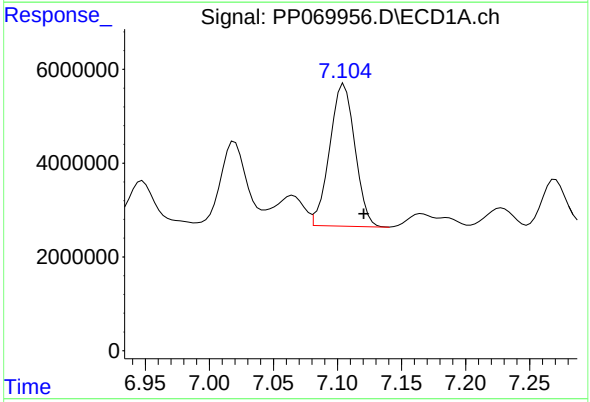
R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 41850874
Conc: 521.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



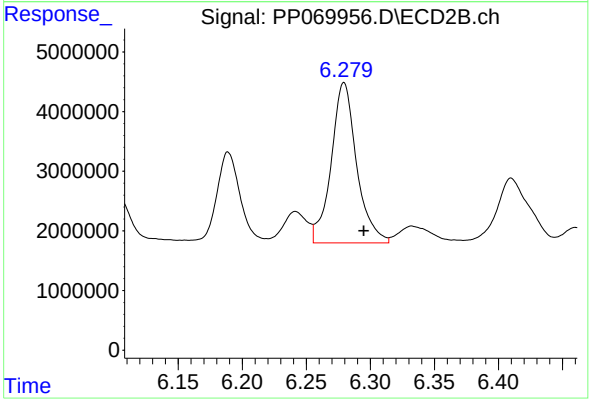
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 23770358
Conc: 491.44 ng/ml



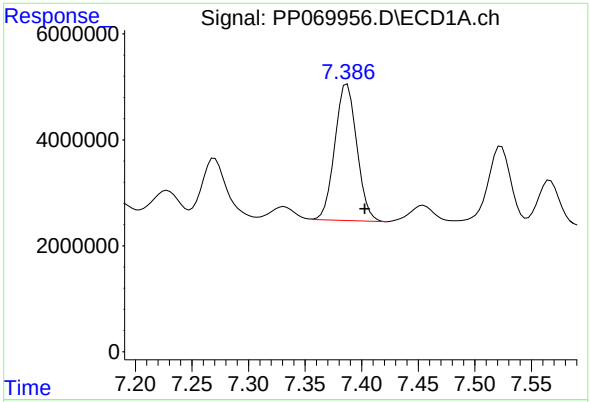
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 41664980
Conc: 494.31 ng/ml



#28 AR-1254-3

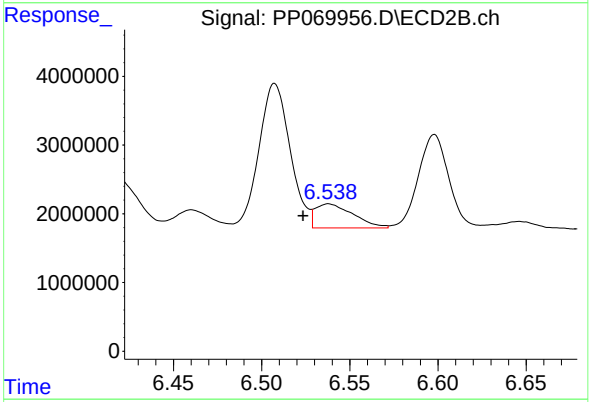
R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 37140214
Conc: 489.36 ng/ml



#29 AR-1254-4

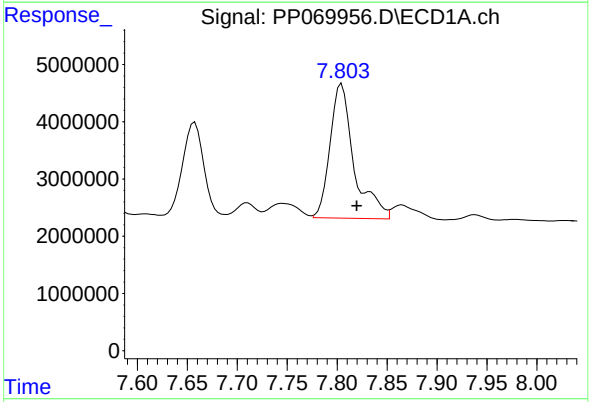
R.T.: 7.387 min
Delta R.T.: -0.016 min
Response: 34895103
Conc: 511.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



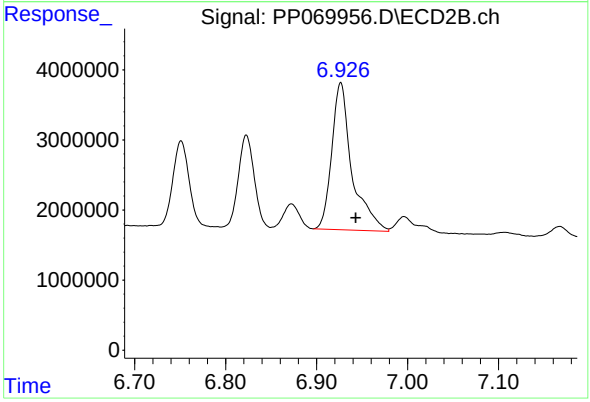
#29 AR-1254-4

R.T.: 6.538 min
Delta R.T.: 0.014 min
Response: 5239497
Conc: 102.23 ng/ml



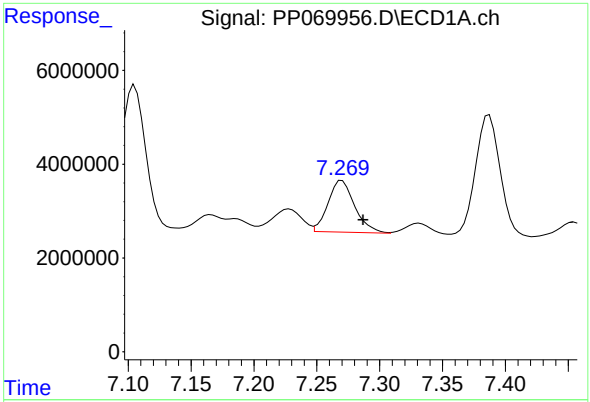
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.015 min
Response: 39120744
Conc: 574.91 ng/ml



#30 AR-1254-5

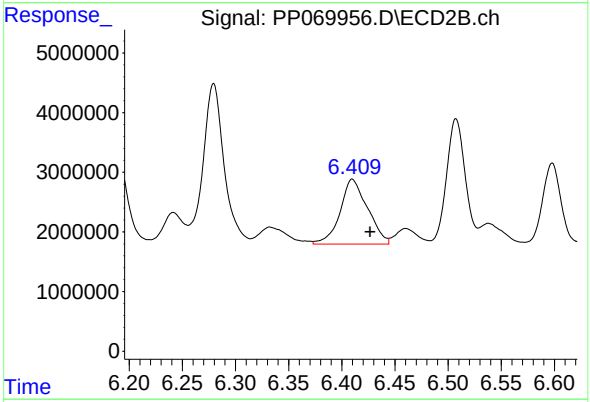
R.T.: 6.927 min
Delta R.T.: -0.017 min
Response: 32331986
Conc: 485.75 ng/ml



#31 AR-1260-1

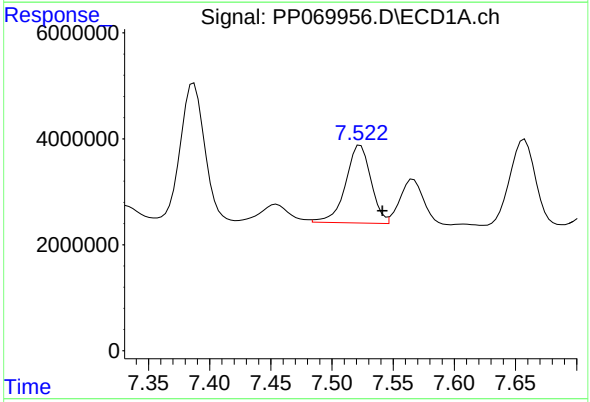
R.T.: 7.270 min
Delta R.T.: -0.017 min
Response: 16290845
Conc: 278.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



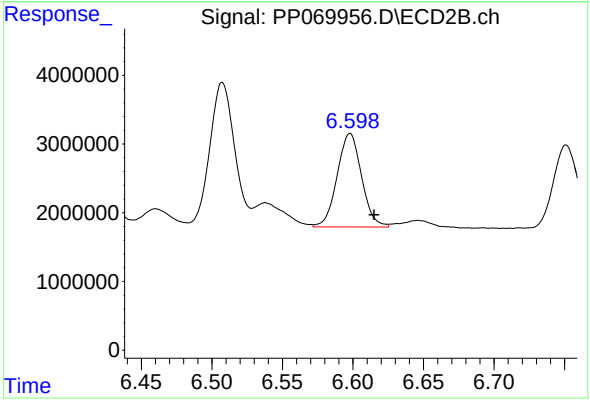
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.017 min
Response: 19593264
Conc: 406.25 ng/ml



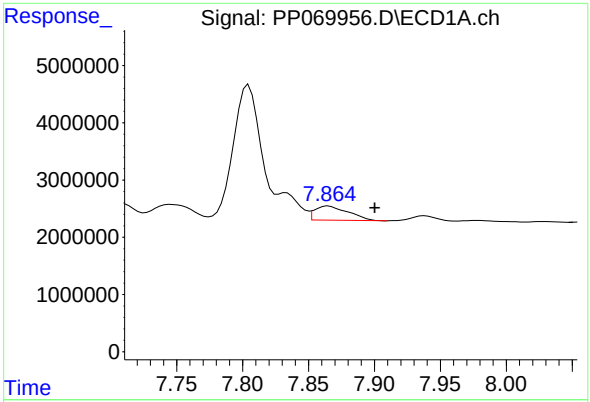
#32 AR-1260-2

R.T.: 7.523 min
Delta R.T.: -0.018 min
Response: 21102522
Conc: 271.20 ng/ml



#32 AR-1260-2

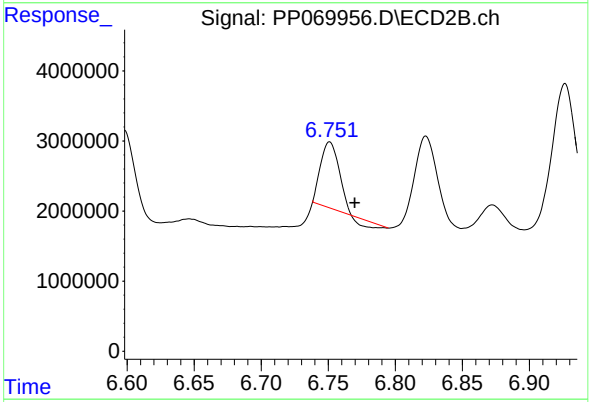
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 16393906
Conc: 267.42 ng/ml



#33 AR-1260-3

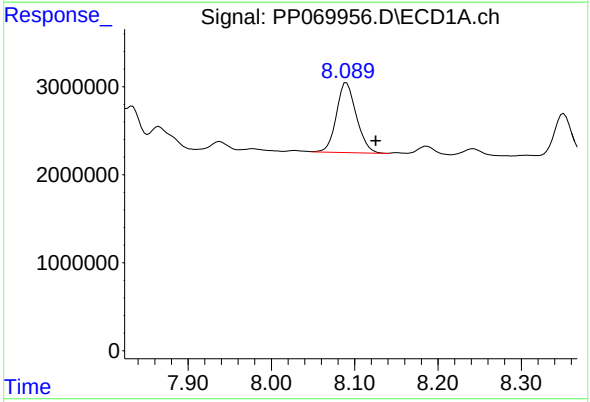
R.T.: 7.865 min
Delta R.T.: -0.035 min
Response: 4364043
Conc: 69.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



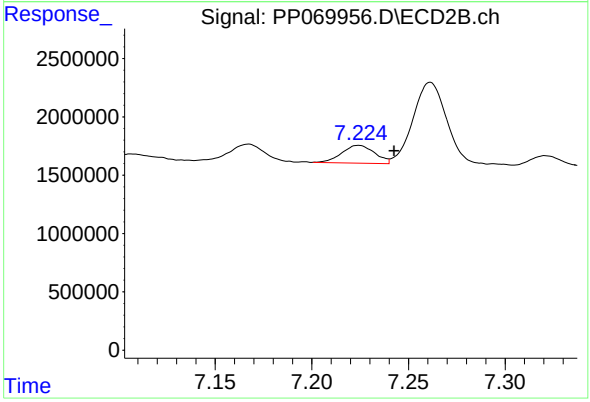
#33 AR-1260-3

R.T.: 6.751 min
Delta R.T.: -0.019 min
Response: 8212504
Conc: 136.52 ng/ml



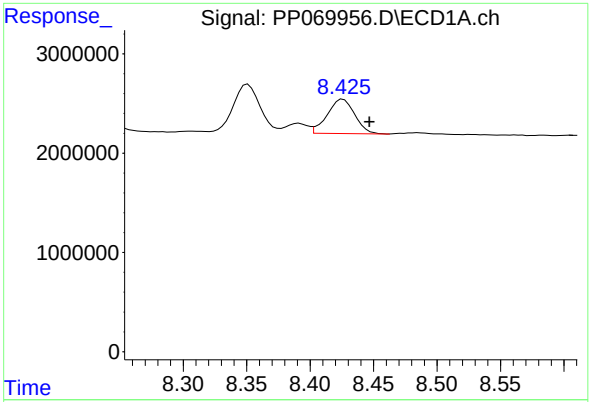
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.035 min
Response: 13179167
Conc: 199.75 ng/ml



#34 AR-1260-4

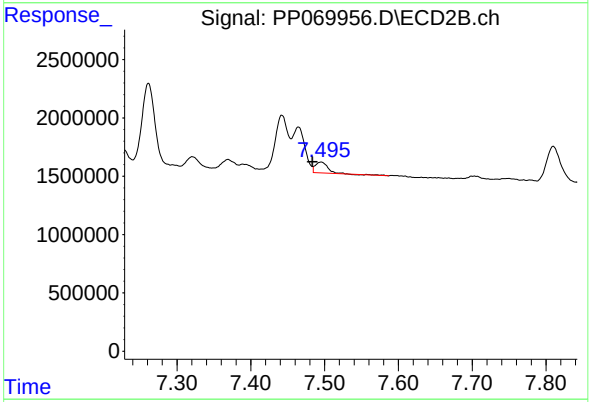
R.T.: 7.224 min
Delta R.T.: -0.018 min
Response: 1813328
Conc: 39.02 ng/ml



#35 AR-1260-5

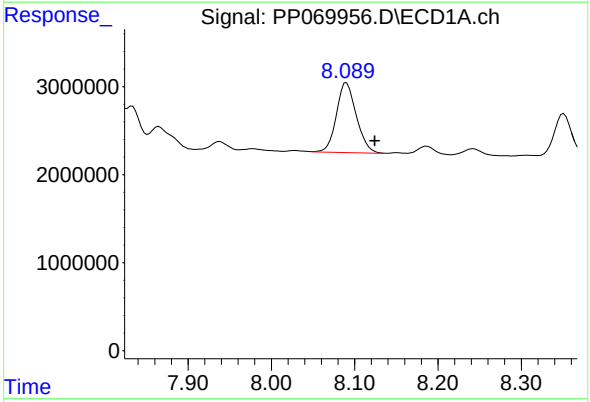
R.T.: 8.426 min
Delta R.T.: -0.021 min
Response: 5204768
Conc: 39.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



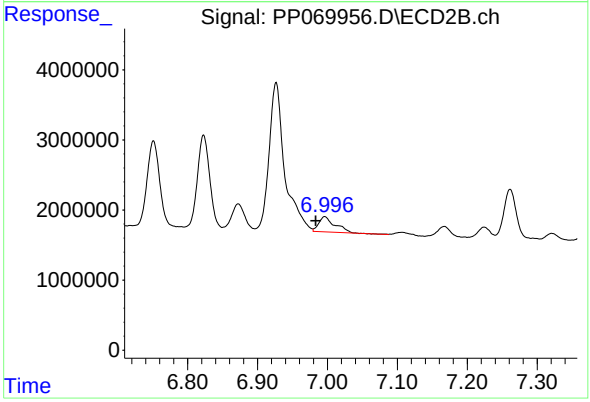
#35 AR-1260-5

R.T.: 7.495 min
Delta R.T.: 0.012 min
Response: 1116293
Conc: 10.04 ng/ml



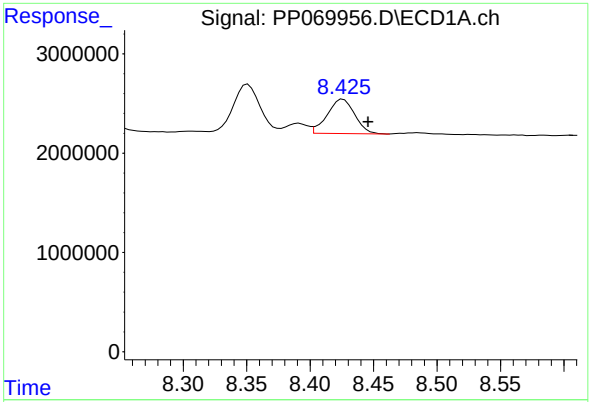
#36 AR-1262-1

R.T.: 8.090 min
Delta R.T.: -0.034 min
Response: 13179167
Conc: 166.79 ng/ml



#36 AR-1262-1

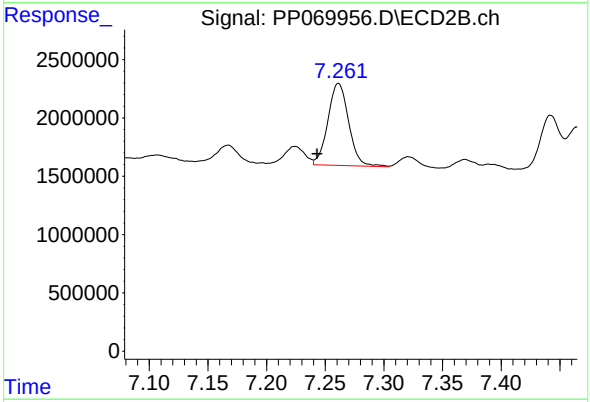
R.T.: 6.996 min
Delta R.T.: 0.013 min
Response: 3573118
Conc: 50.32 ng/ml



#37 AR-1262-2

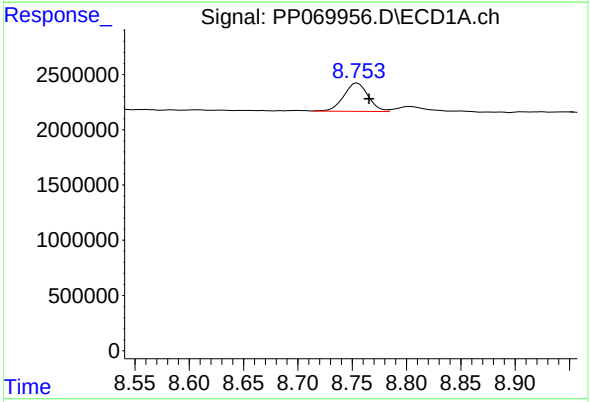
R.T.: 8.426 min
Delta R.T.: -0.020 min
Response: 5204768
Conc: 34.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



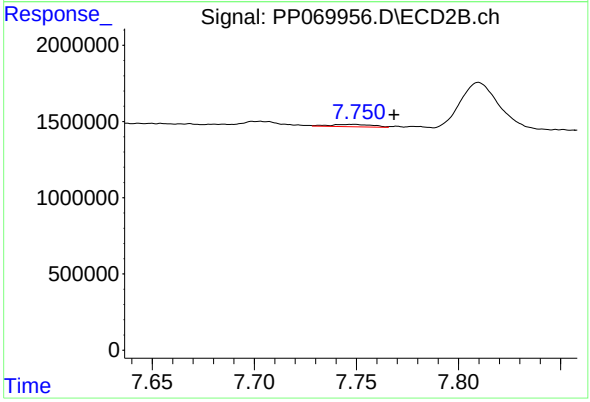
#37 AR-1262-2

R.T.: 7.261 min
Delta R.T.: 0.018 min
Response: 8666376
Conc: 142.12 ng/ml



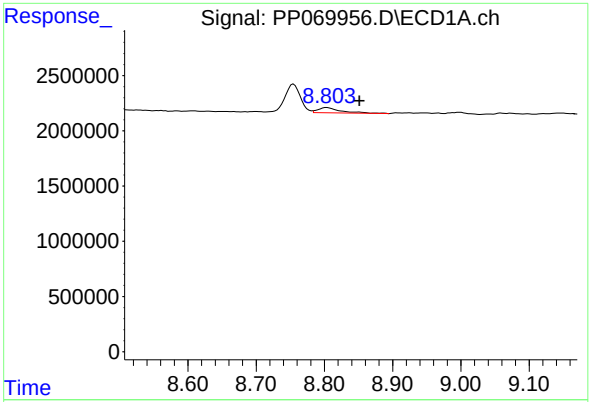
#38 AR-1262-3

R.T.: 8.755 min
Delta R.T.: -0.011 min
Response: 4008964
Conc: 37.72 ng/ml



#38 AR-1262-3

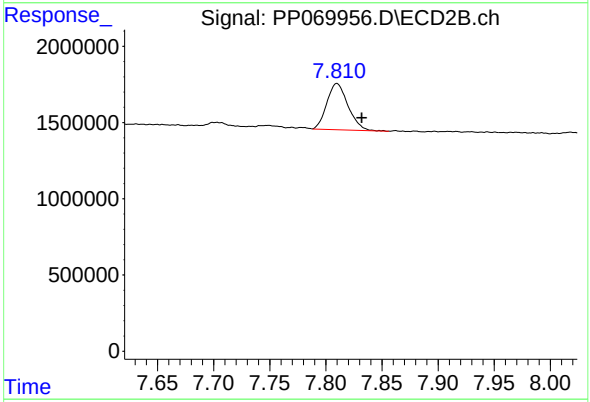
R.T.: 7.749 min
Delta R.T.: -0.020 min
Response: 220281
Conc: 4.21 ng/ml



#39 AR-1262-4

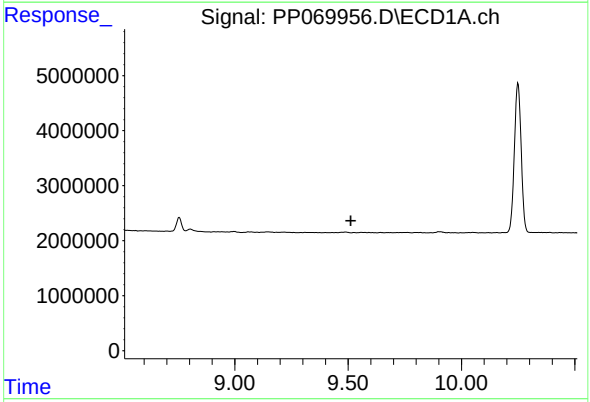
R.T.: 8.804 min
Delta R.T.: -0.048 min
Response: 1118131
Conc: 13.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



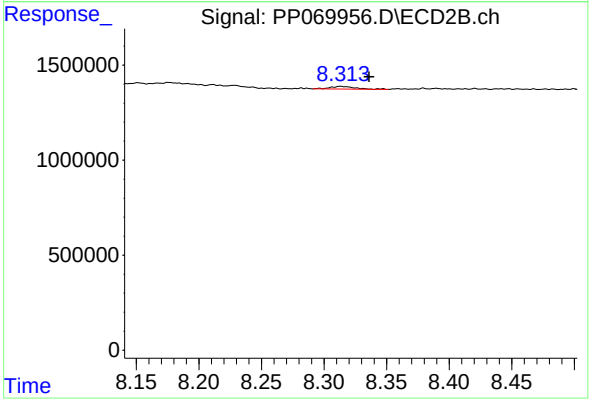
#39 AR-1262-4

R.T.: 7.810 min
Delta R.T.: -0.022 min
Response: 3995068
Conc: 43.22 ng/ml



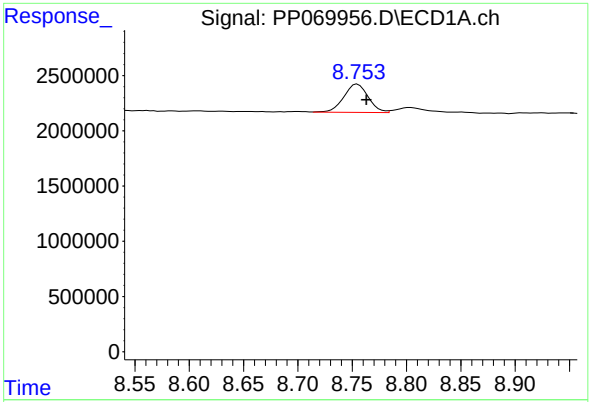
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

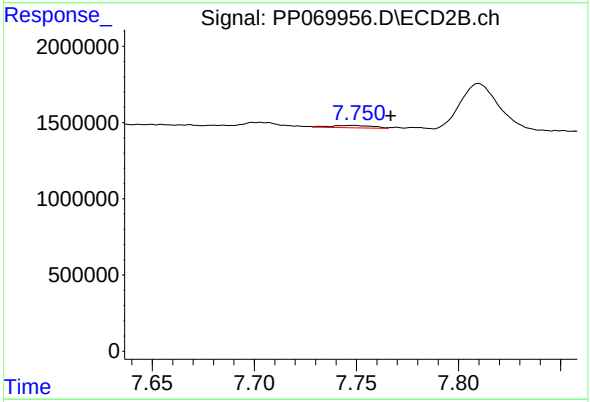
R.T.: 8.313 min
Delta R.T.: -0.023 min
Response: 197485
Conc: 4.13 ng/ml



#41 AR-1268-1

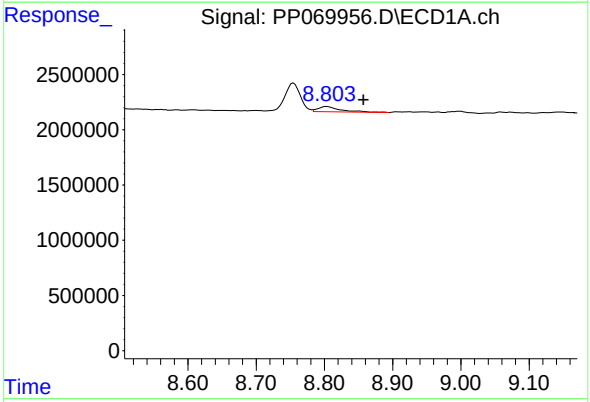
R.T.: 8.755 min
Delta R.T.: -0.008 min
Response: 4008964
Conc: 22.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



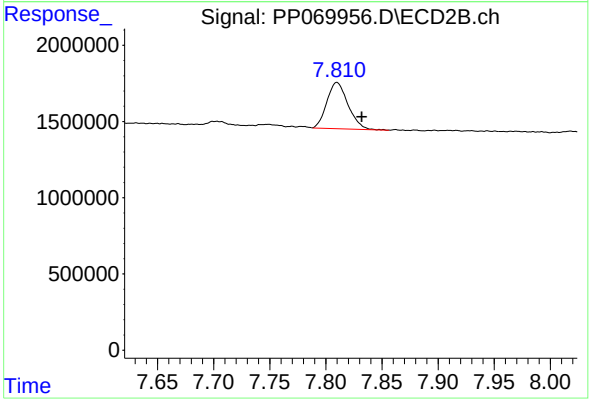
#41 AR-1268-1

R.T.: 7.749 min
Delta R.T.: -0.018 min
Response: 220281
Conc: 1.52 ng/ml



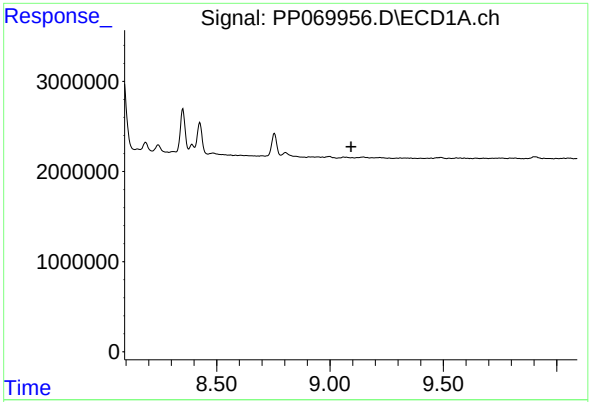
#42 AR-1268-2

R.T.: 8.804 min
Delta R.T.: -0.053 min
Response: 1118131
Conc: 7.11 ng/ml



#42 AR-1268-2

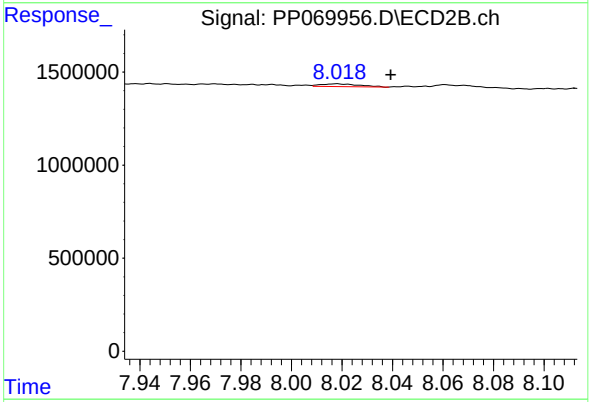
R.T.: 7.810 min
Delta R.T.: -0.022 min
Response: 3995068
Conc: 30.08 ng/ml



#43 AR-1268-3

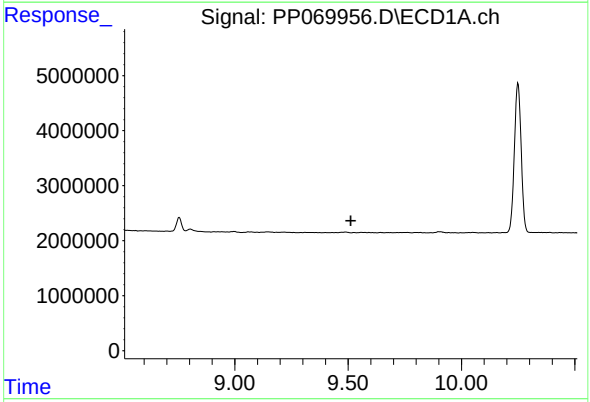
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



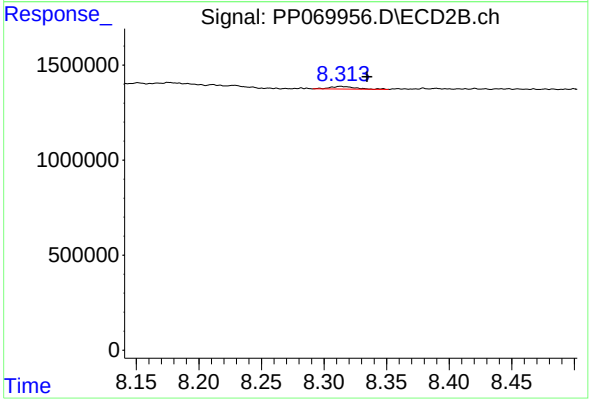
#43 AR-1268-3

R.T.: 8.018 min
Delta R.T.: -0.021 min
Response: 155264
Conc: 1.37 ng/ml



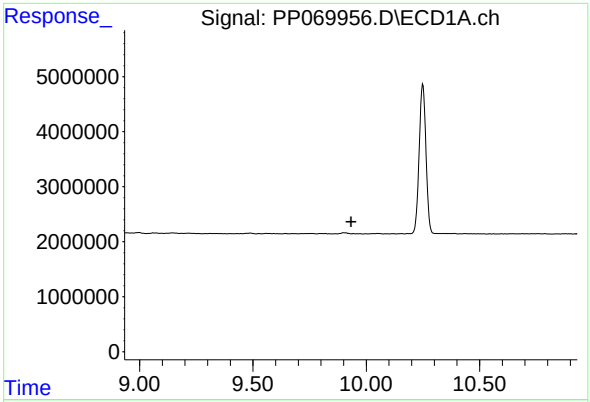
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

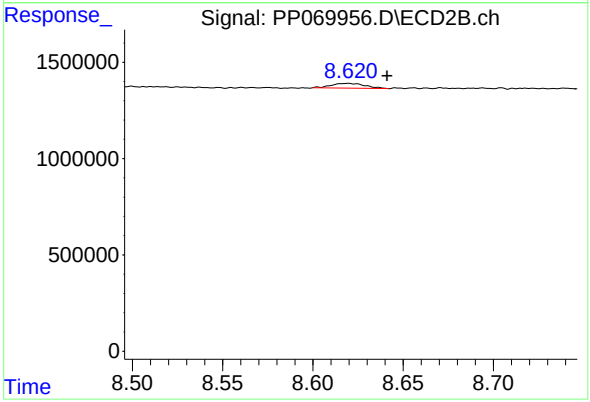
R.T.: 8.313 min
Delta R.T.: -0.021 min
Response: 197485
Conc: 3.79 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 8.619 min
Delta R.T.: -0.022 min
Response: 315898
Conc: 0.89 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 11:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:11:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.525	3.829	32239613	17998096	22.522	20.165	
2)	SA Decachlor...	10.250	8.884	24372177	25264980	22.300	22.589	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.947	0	27146	N.D.	0.832	#
4)	L1 AR-1016-2	0.000	4.947	0	27146	N.D.	0.604	#
5)	L1 AR-1016-3	0.000	5.170f	0	118205	N.D.	4.750	#
6)	L1 AR-1016-4	0.000	5.170	0	118205	N.D.	5.853	#
7)	L1 AR-1016-5	0.000	5.395	0	110104	N.D.	4.105	#
8)	L2 AR-1221-1	0.000	4.043	0	39625	N.D.	3.217	#
9)	L2 AR-1221-2	4.825	4.133	560217	355454	40.914	36.708	
10)	L2 AR-1221-3	0.000	4.206	0	65912	N.D.	2.259	#
11)	L3 AR-1232-1	0.000	4.206	0	65912	N.D.	2.807	#
12)	L3 AR-1232-2	0.000	4.947	0	27146	N.D.	1.152	#
13)	L3 AR-1232-3	0.000	5.170f	0	118205	N.D.	9.130	#
14)	L3 AR-1232-4	0.000	5.240	0	120377	N.D.	10.858	#
15)	L3 AR-1232-5	0.000	5.395	0	110104	N.D.	9.017	#
16)	L4 AR-1242-1	0.000	4.947	0	27146	N.D.	0.942	#
17)	L4 AR-1242-2	0.000	4.947	0	27146	N.D.	0.689	#
18)	L4 AR-1242-3	0.000	5.170f	0	118205	N.D.	5.253	#
19)	L4 AR-1242-4	0.000	5.240	0	120377	N.D.	5.578	#
20)	L4 AR-1242-5	0.000	5.726	0	146430	N.D.	5.090	#
21)	L5 AR-1248-1	0.000	4.947	0	27146	N.D.	1.233	#
22)	L5 AR-1248-2	0.000	5.170	0	118205	N.D.	3.932	#
23)	L5 AR-1248-3	0.000	5.240	0	120377	N.D.	3.885	#
24)	L5 AR-1248-4	0.000	5.395	0	110104	N.D.	2.980	#
25)	L5 AR-1248-5	0.000	5.783	0	232395	N.D.	6.216	#
26)	L6 AR-1254-1	0.000	5.726	0	146430	N.D.	2.660	#
27)	L6 AR-1254-2	0.000	5.872	0	812776	N.D.	16.804	#
28)	L6 AR-1254-3	0.000	6.283	0	1109103	N.D.	14.613	#
29)	L6 AR-1254-4	7.471f	6.572f	1021079	498648	14.975	9.730	#
31)	L7 AR-1260-1	0.000	6.419	0	657844	N.D.	13.640	#
32)	L7 AR-1260-2	0.000	6.572f	0	498648	N.D.	8.134	#
33)	L7 AR-1260-3	7.945f	6.753	490378	384390	7.844	6.390	
34)	L7 AR-1260-4	0.000	7.215	0	587793	N.D.	12.649	#
37)	L8 AR-1262-2	0.000	7.215	0	587793	N.D.	9.639	#
38)	L8 AR-1262-3	0.000	7.703f	0	714127	N.D.	13.655	#
39)	L8 AR-1262-4	0.000	7.852	0	265889	N.D.	2.876	#
40)	L8 AR-1262-5	0.000	8.313	0	109760	N.D.	2.297	#
41)	L9 AR-1268-1	0.000	7.703f	0	714127	N.D.	4.921	#
42)	L9 AR-1268-2	0.000	7.852	0	265889	N.D.	2.002	#
43)	L9 AR-1268-3	0.000	7.970f	0	233476	N.D.	2.053	#
44)	L9 AR-1268-4	0.000	8.313	0	109760	N.D.	2.108	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 11:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:11:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

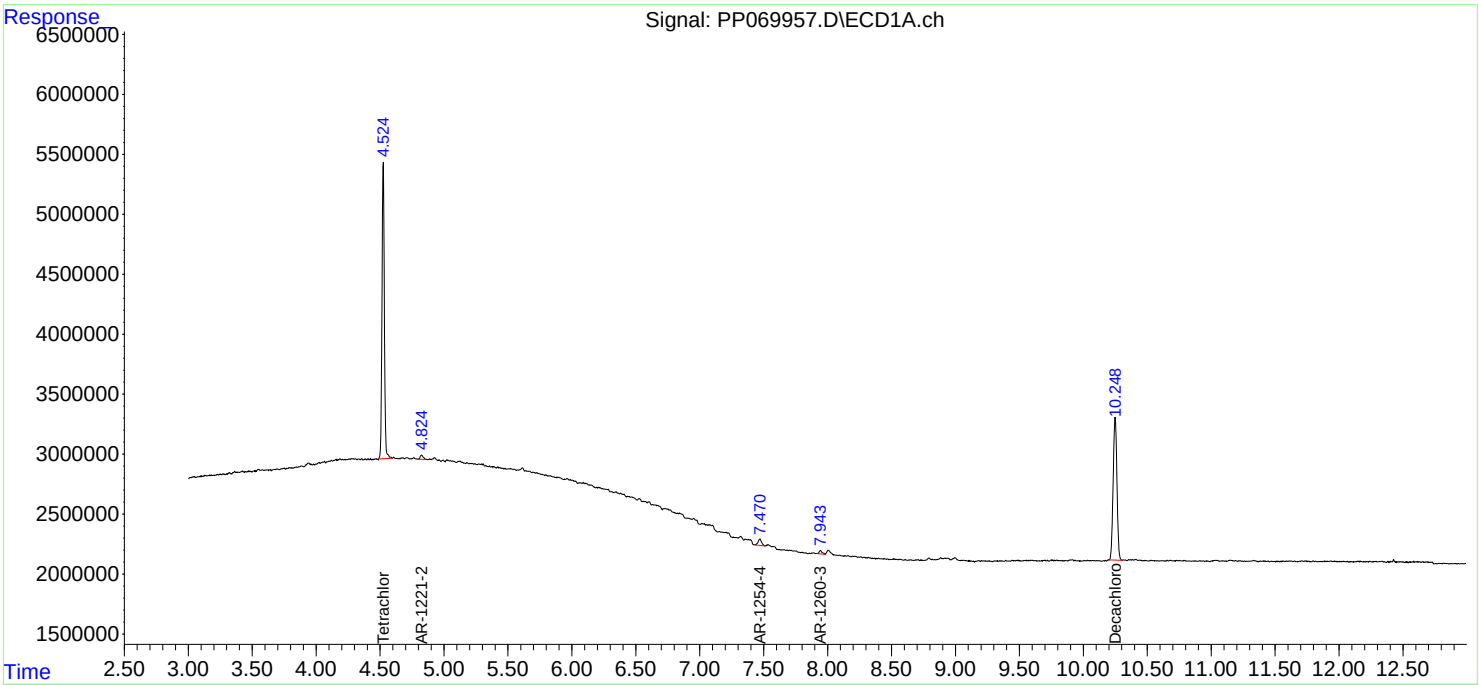
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

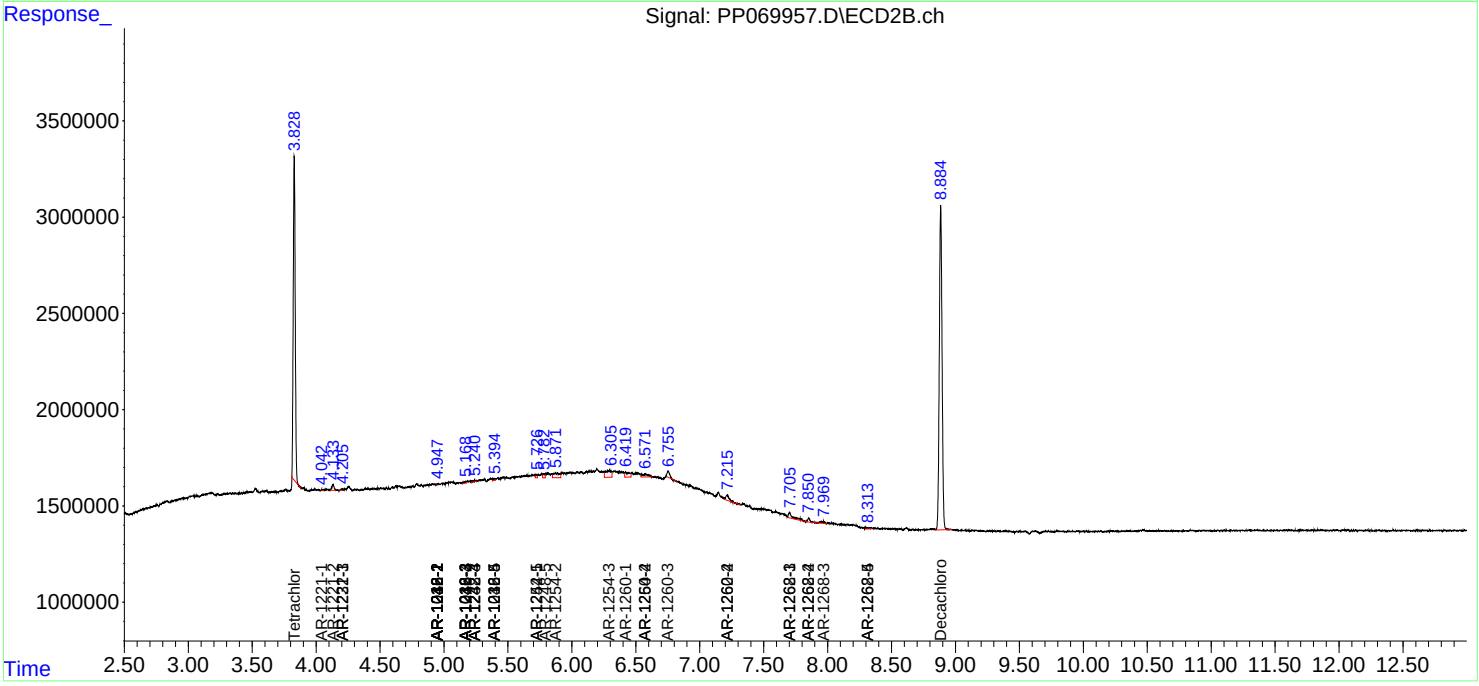
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 11:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

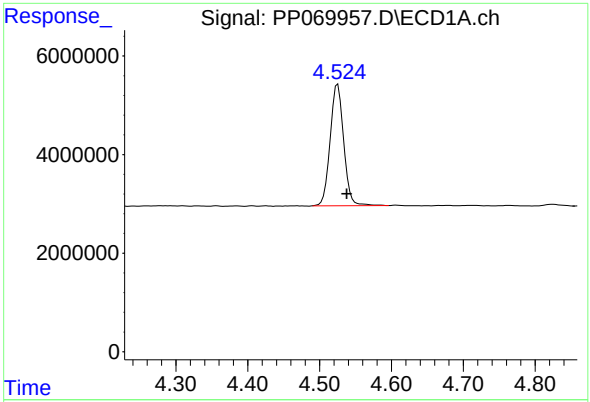
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:11:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



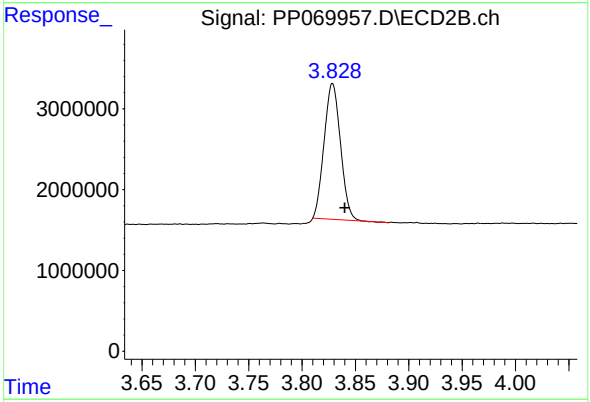




#1 Tetrachloro-m-xylene

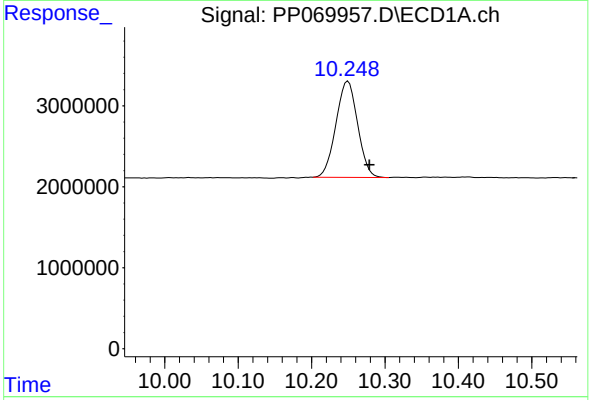
R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 32239613
Conc: 22.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



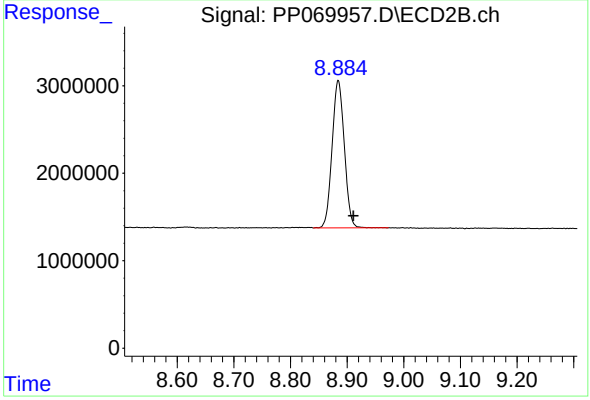
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 17998096
Conc: 20.17 ng/ml



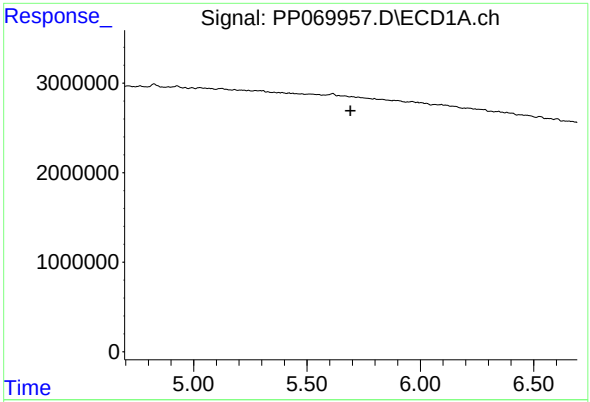
#2 Decachlorobiphenyl

R.T.: 10.250 min
Delta R.T.: -0.029 min
Response: 24372177
Conc: 22.30 ng/ml



#2 Decachlorobiphenyl

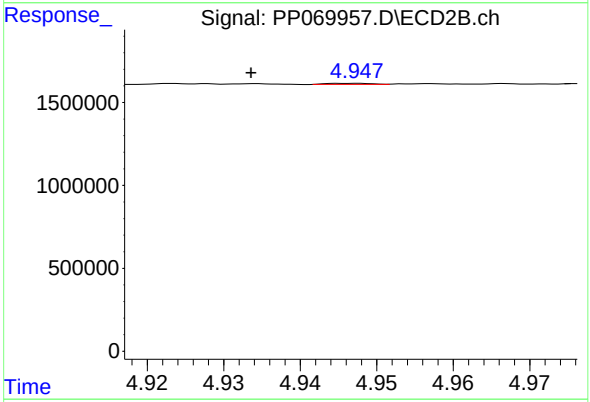
R.T.: 8.884 min
Delta R.T.: -0.027 min
Response: 25264980
Conc: 22.59 ng/ml



#3 AR-1016-1

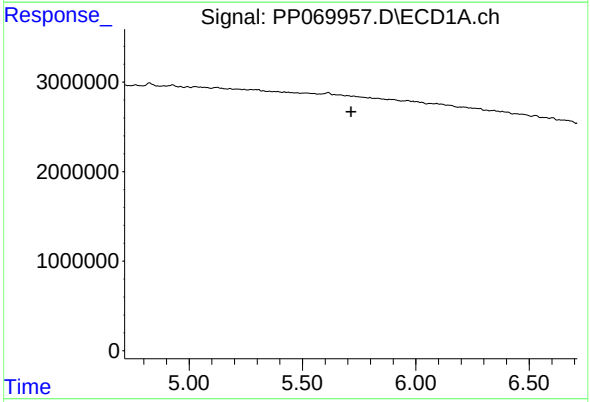
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



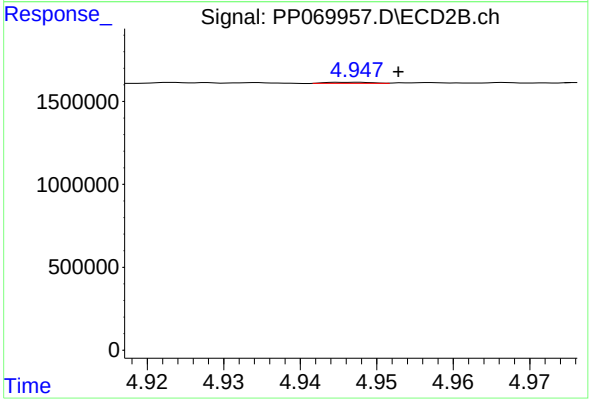
#3 AR-1016-1

R.T.: 4.947 min
Delta R.T.: 0.013 min
Response: 27146
Conc: 0.83 ng/ml



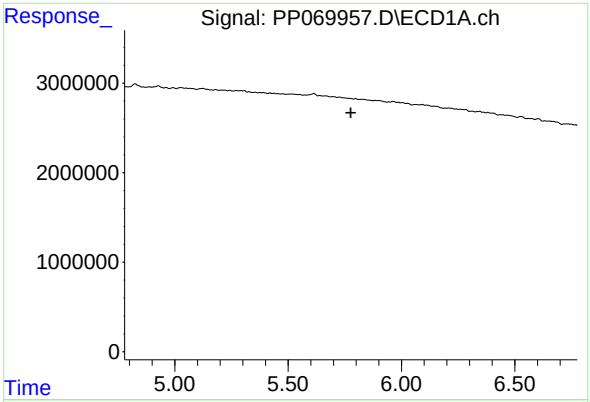
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

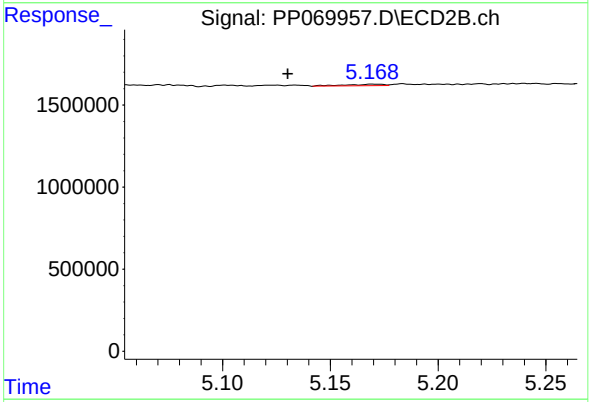
R.T.: 4.947 min
Delta R.T.: -0.006 min
Response: 27146
Conc: 0.60 ng/ml



#5 AR-1016-3

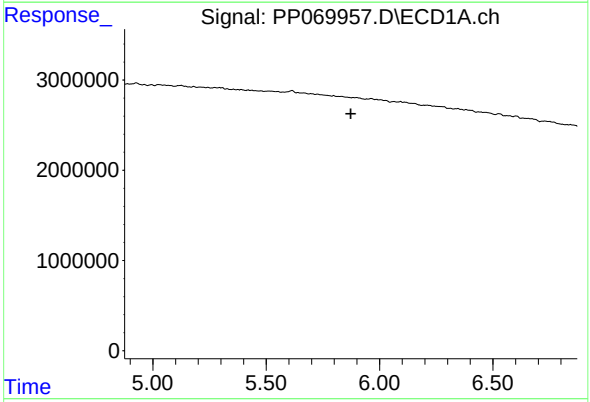
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



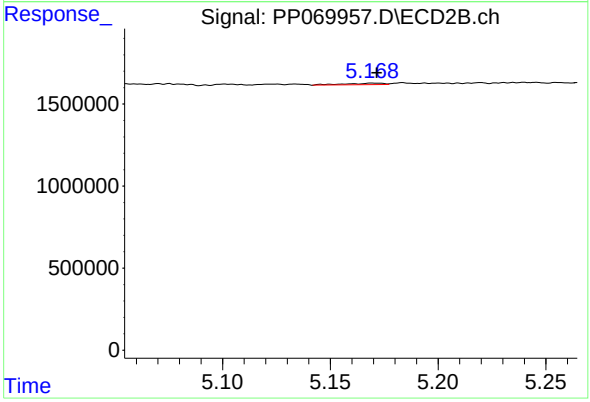
#5 AR-1016-3

R.T.: 5.170 min
Delta R.T.: 0.040 min
Response: 118205
Conc: 4.75 ng/ml



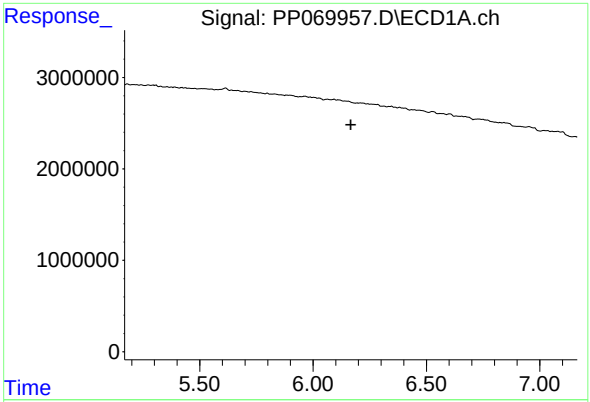
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

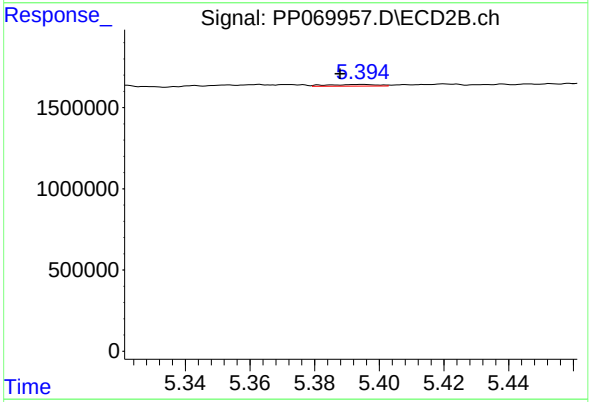
R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 118205
Conc: 5.85 ng/ml



#7 AR-1016-5

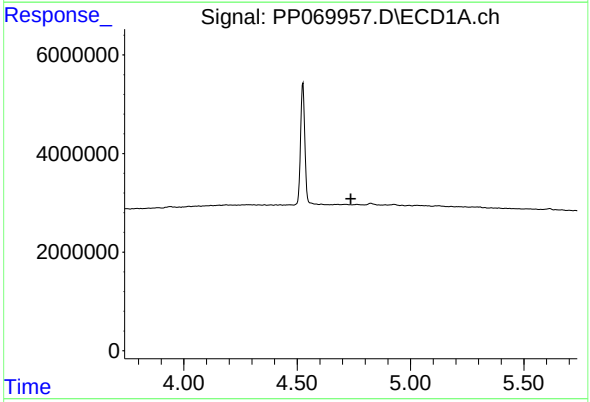
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



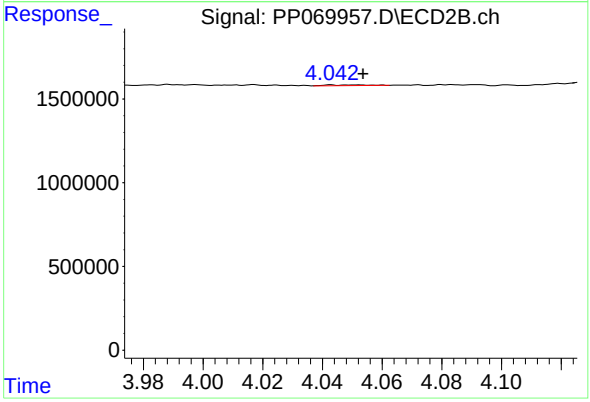
#7 AR-1016-5

R.T.: 5.395 min
Delta R.T.: 0.007 min
Response: 110104
Conc: 4.10 ng/ml



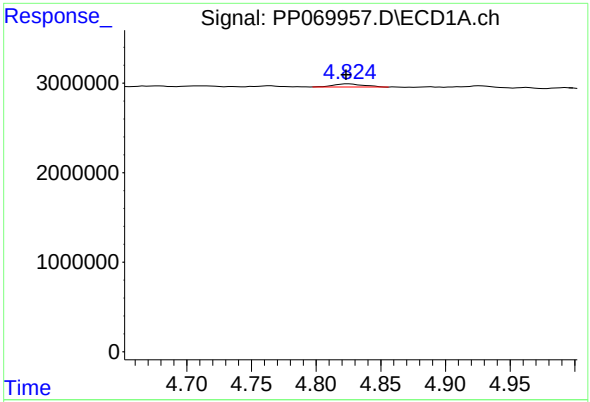
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

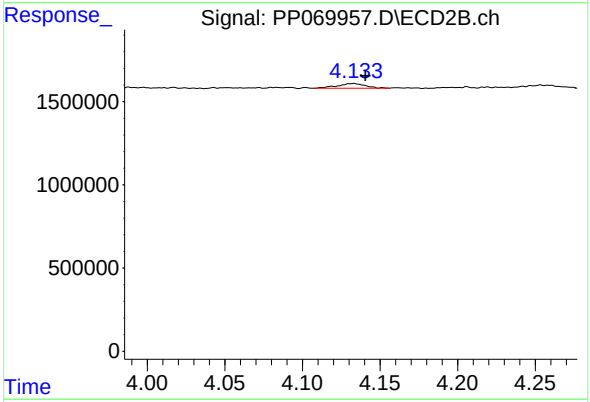
R.T.: 4.043 min
Delta R.T.: -0.011 min
Response: 39625
Conc: 3.22 ng/ml



#9 AR-1221-2

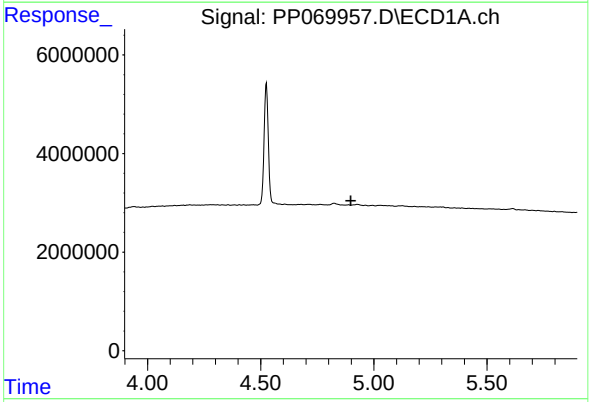
R.T.: 4.825 min
Delta R.T.: 0.002 min
Response: 560217
Conc: 40.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



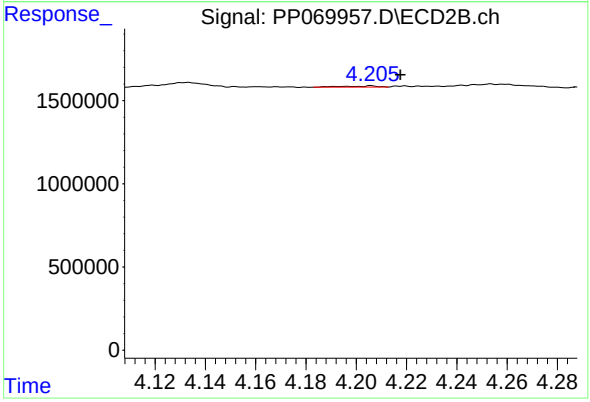
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 355454
Conc: 36.71 ng/ml



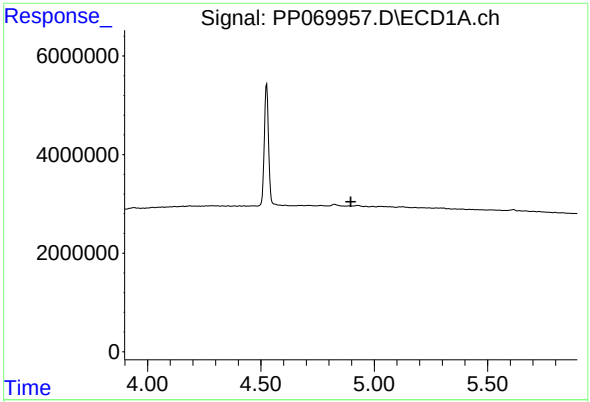
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

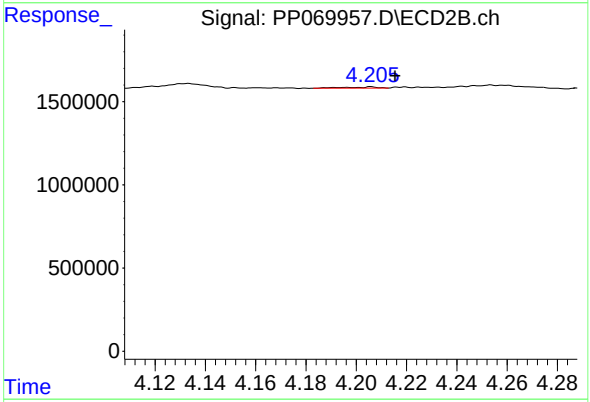
R.T.: 4.206 min
Delta R.T.: -0.012 min
Response: 65912
Conc: 2.26 ng/ml



#11 AR-1232-1

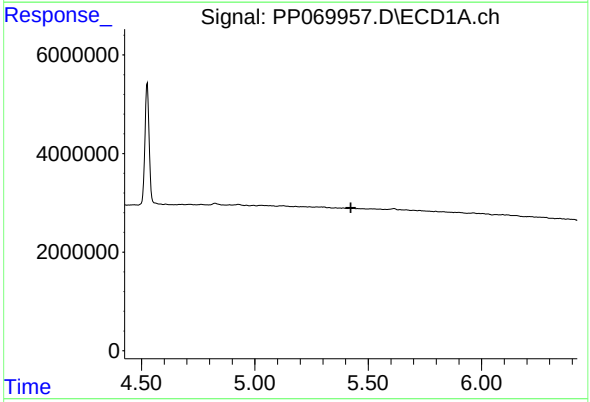
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



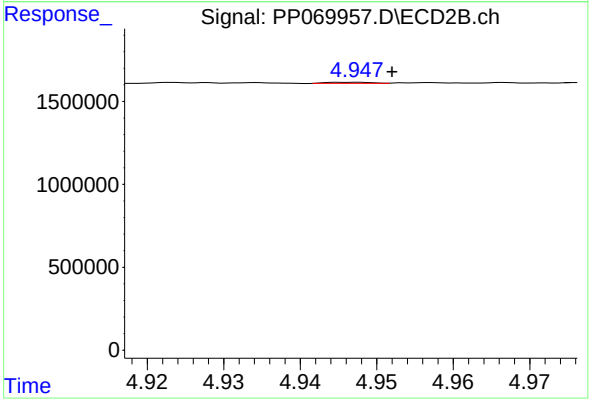
#11 AR-1232-1

R.T.: 4.206 min
Delta R.T.: -0.009 min
Response: 65912
Conc: 2.81 ng/ml



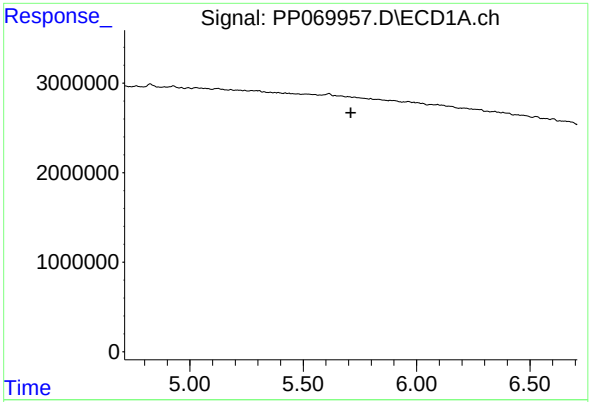
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

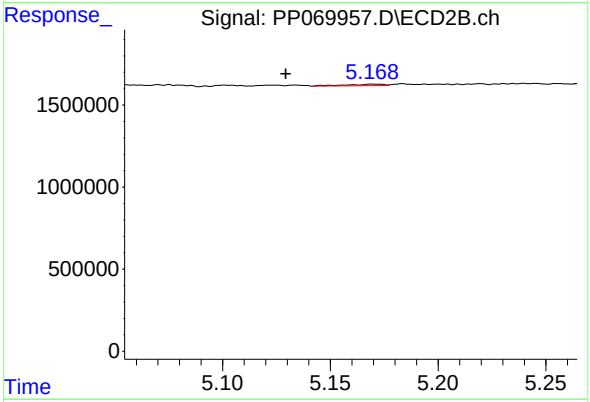
R.T.: 4.947 min
Delta R.T.: -0.005 min
Response: 27146
Conc: 1.15 ng/ml



#13 AR-1232-3

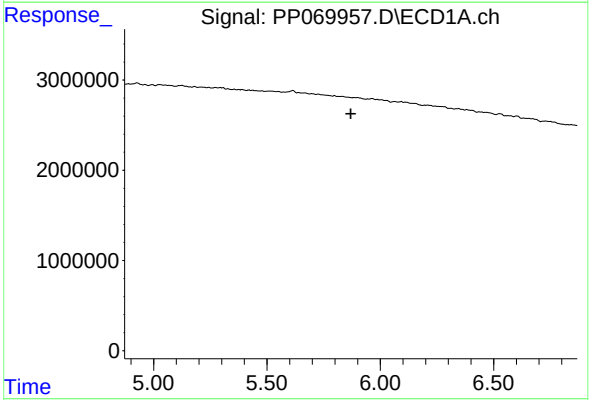
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



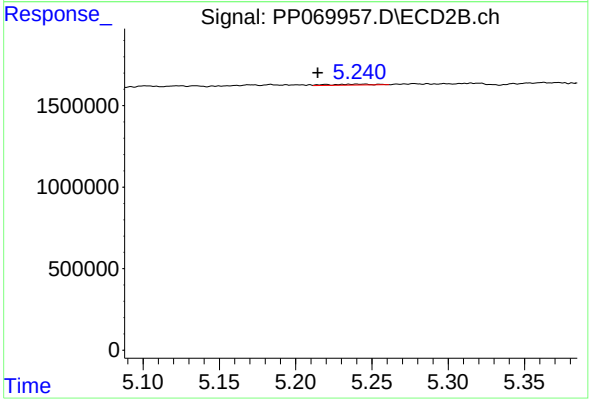
#13 AR-1232-3

R.T.: 5.170 min
Delta R.T.: 0.041 min
Response: 118205
Conc: 9.13 ng/ml



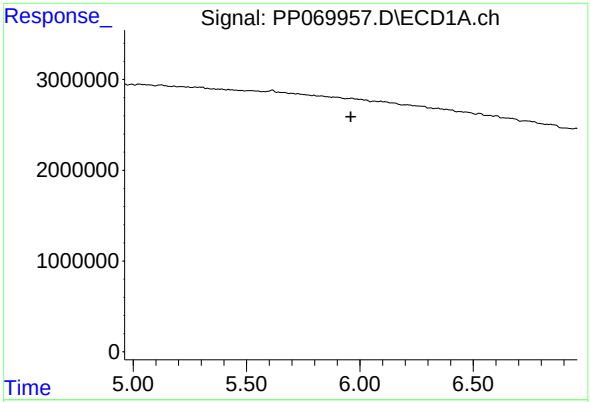
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

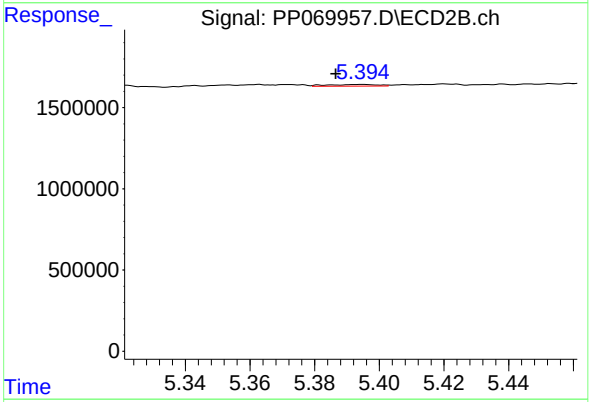
R.T.: 5.240 min
Delta R.T.: 0.026 min
Response: 120377
Conc: 10.86 ng/ml



#15 AR-1232-5

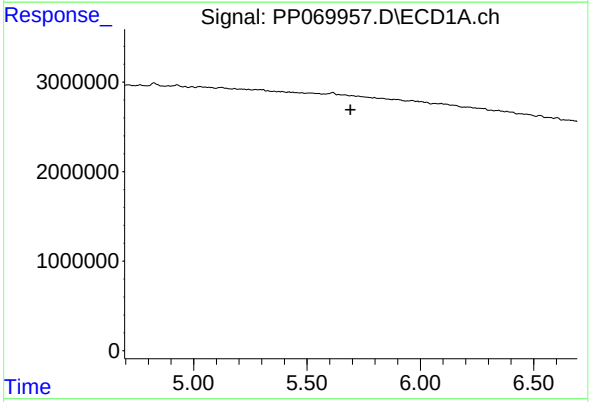
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



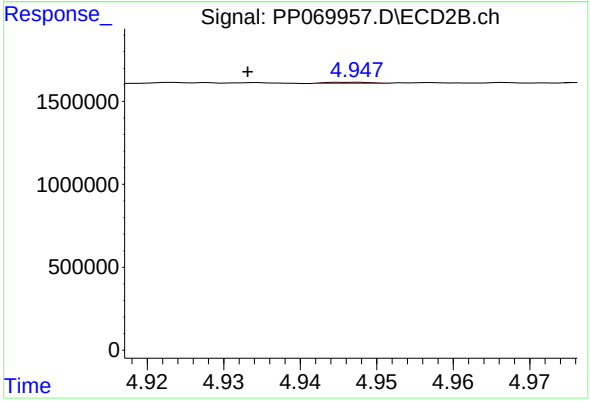
#15 AR-1232-5

R.T.: 5.395 min
Delta R.T.: 0.008 min
Response: 110104
Conc: 9.02 ng/ml



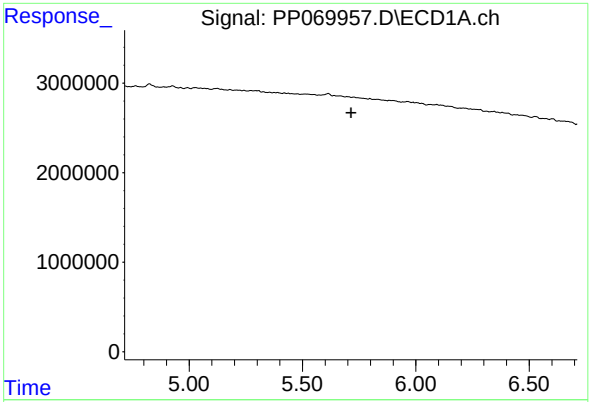
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

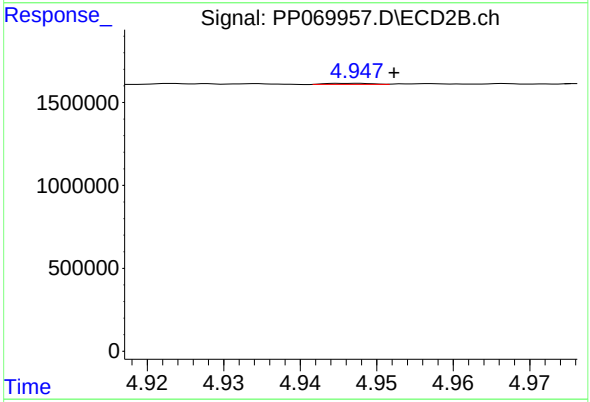
R.T.: 4.947 min
Delta R.T.: 0.013 min
Response: 27146
Conc: 0.94 ng/ml



#17 AR-1242-2

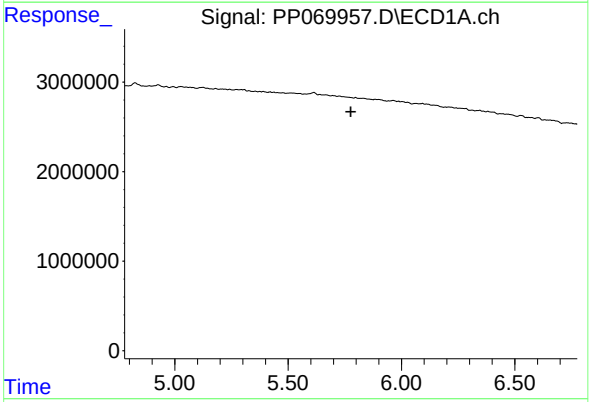
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



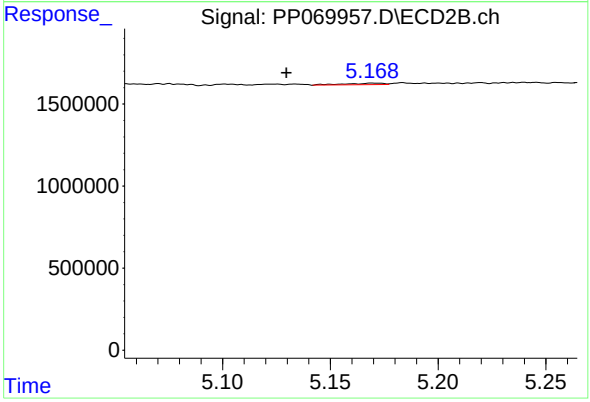
#17 AR-1242-2

R.T.: 4.947 min
Delta R.T.: -0.006 min
Response: 27146
Conc: 0.69 ng/ml



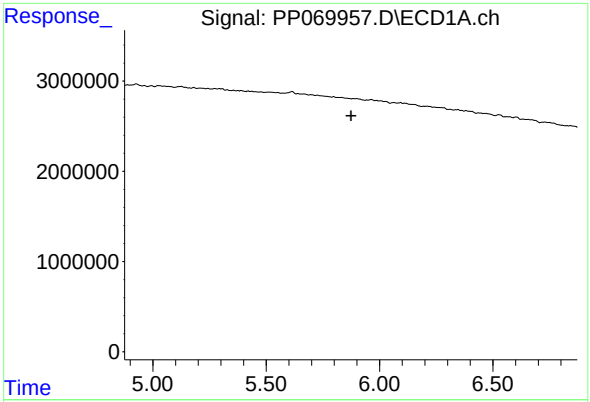
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

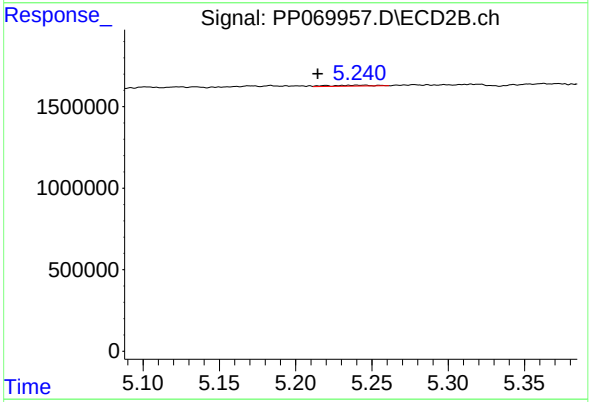
R.T.: 5.170 min
Delta R.T.: 0.040 min
Response: 118205
Conc: 5.25 ng/ml



#19 AR-1242-4

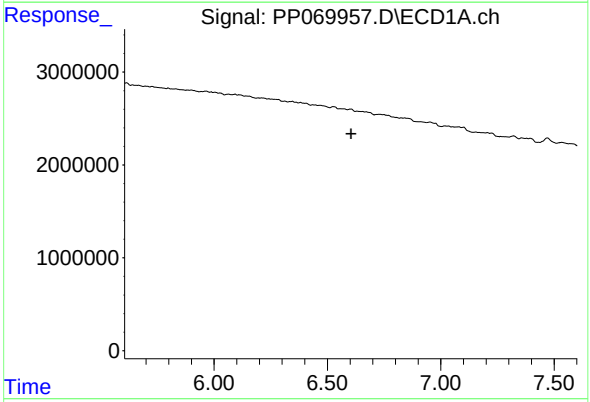
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



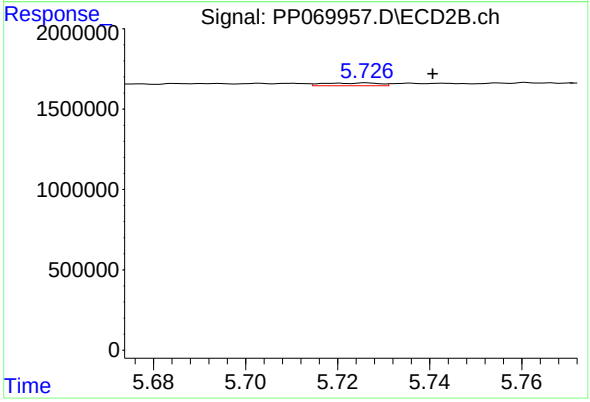
#19 AR-1242-4

R.T.: 5.240 min
Delta R.T.: 0.026 min
Response: 120377
Conc: 5.58 ng/ml



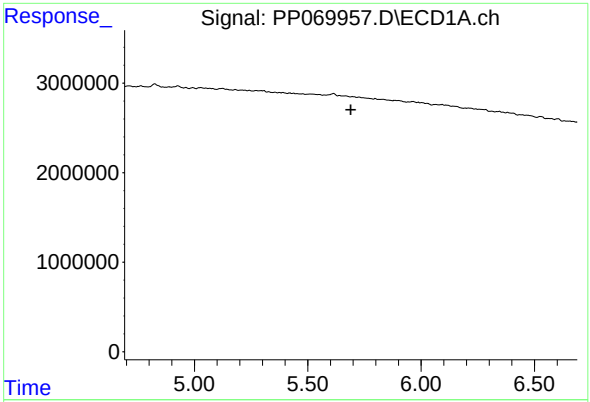
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

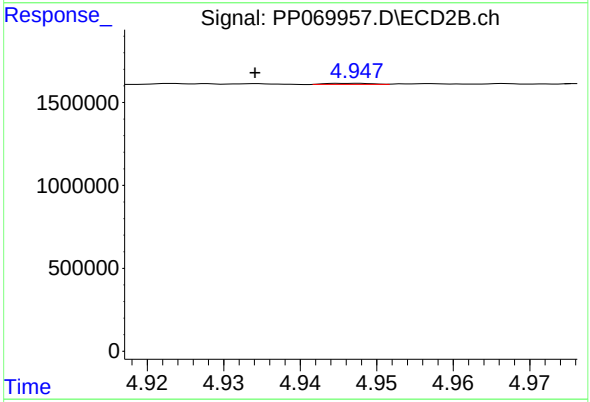
R.T.: 5.726 min
Delta R.T.: -0.014 min
Response: 146430
Conc: 5.09 ng/ml



#21 AR-1248-1

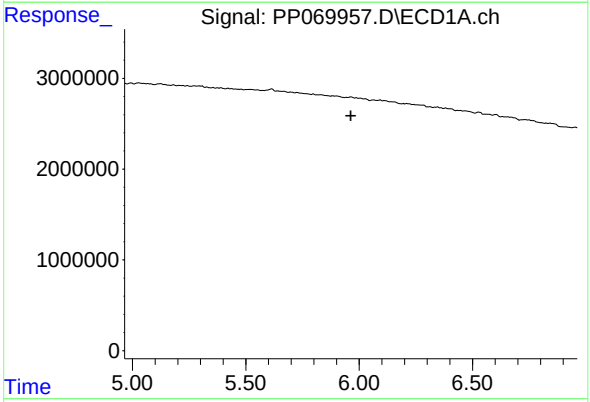
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



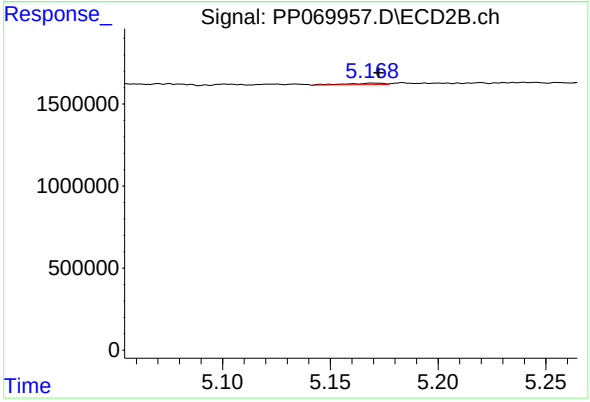
#21 AR-1248-1

R.T.: 4.947 min
Delta R.T.: 0.013 min
Response: 27146
Conc: 1.23 ng/ml



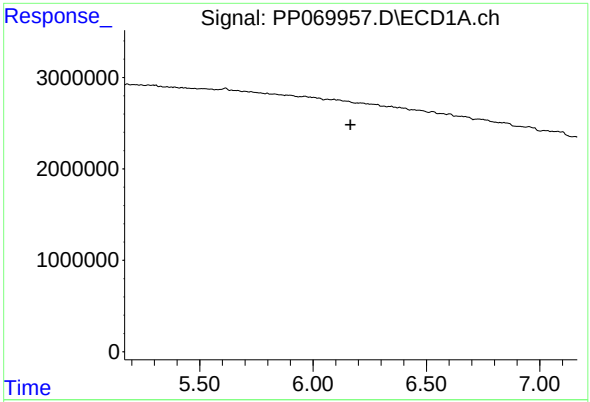
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

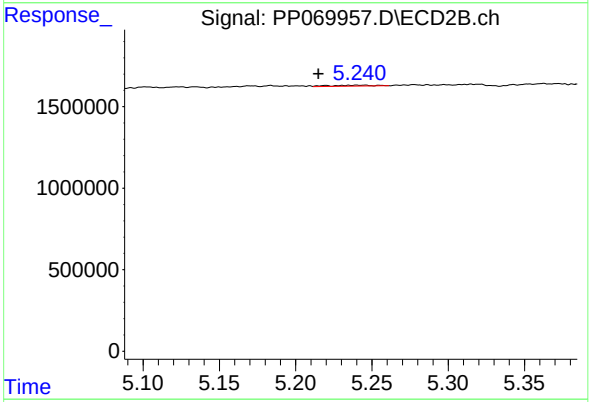
R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 118205
Conc: 3.93 ng/ml



#23 AR-1248-3

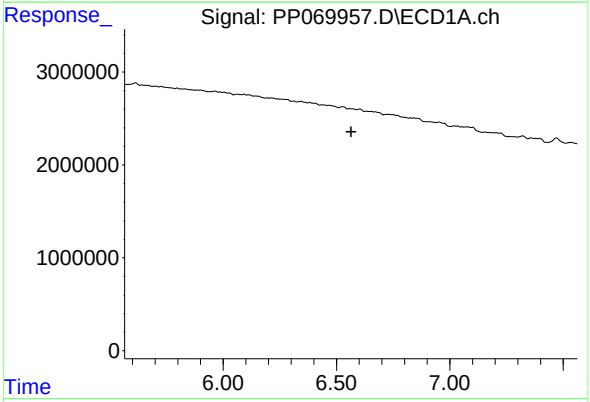
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



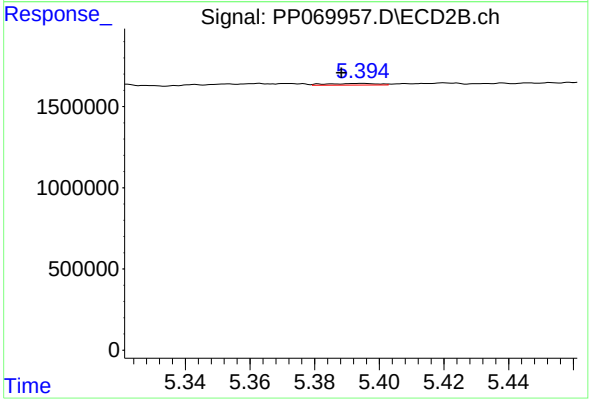
#23 AR-1248-3

R.T.: 5.240 min
Delta R.T.: 0.025 min
Response: 120377
Conc: 3.89 ng/ml



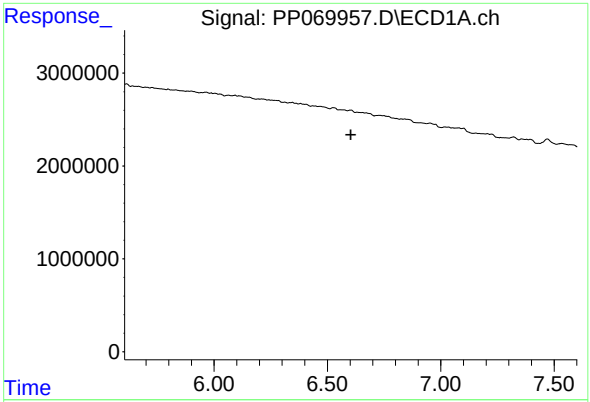
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



#24 AR-1248-4

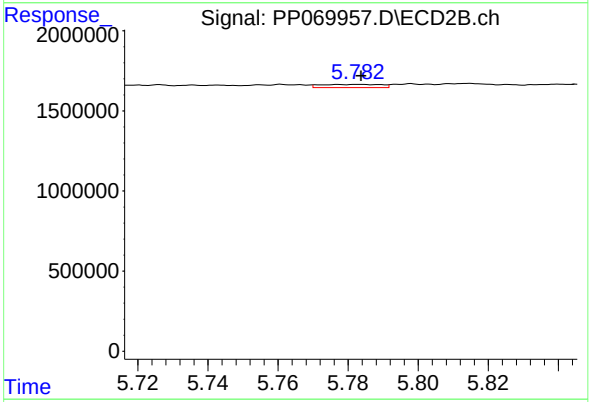
R.T.: 5.395 min
Delta R.T.: 0.006 min
Response: 110104
Conc: 2.98 ng/ml



#25 AR-1248-5

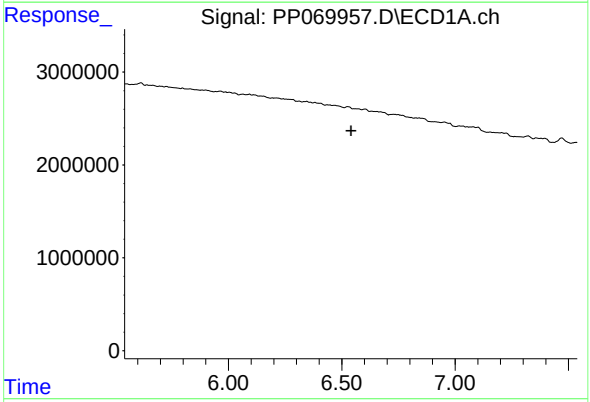
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



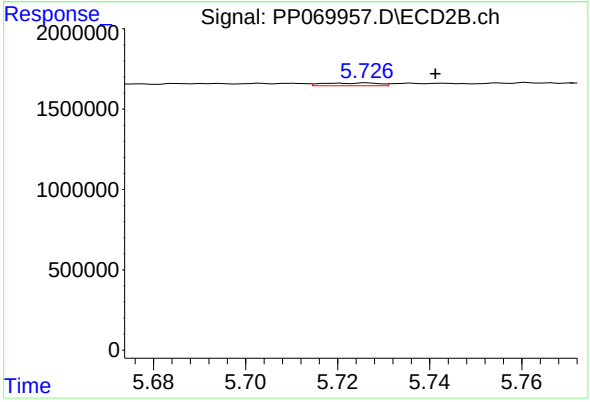
#25 AR-1248-5

R.T.: 5.783 min
Delta R.T.: 0.000 min
Response: 232395
Conc: 6.22 ng/ml



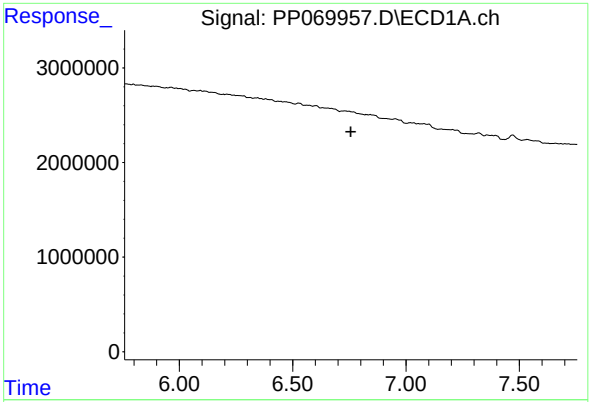
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.541 min
Response: 0
Conc: N.D.



#26 AR-1254-1

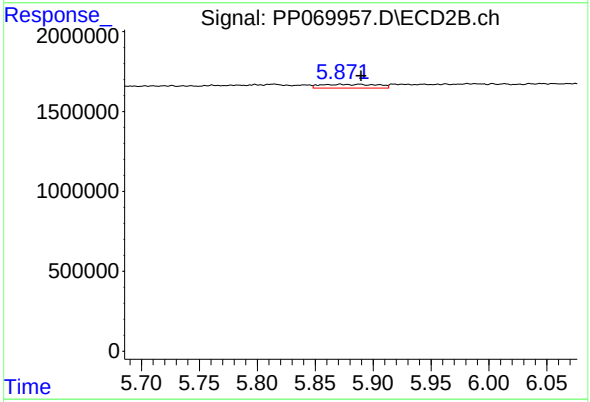
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 146430
Conc: 2.66 ng/ml



#27 AR-1254-2

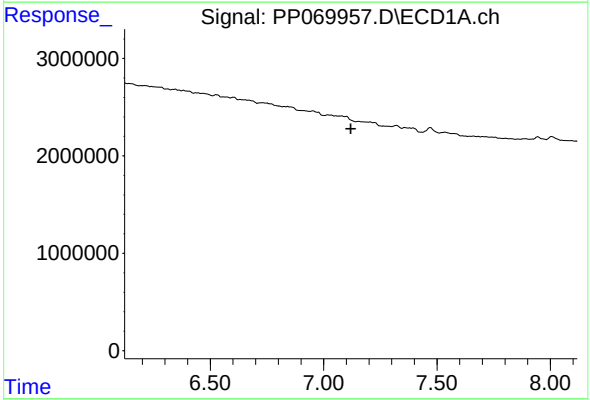
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



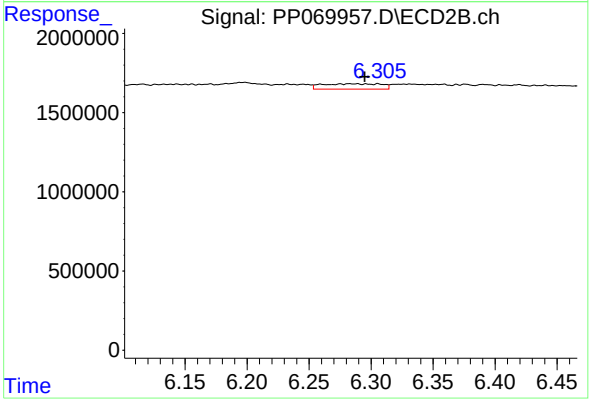
#27 AR-1254-2

R.T.: 5.872 min
Delta R.T.: -0.018 min
Response: 812776
Conc: 16.80 ng/ml



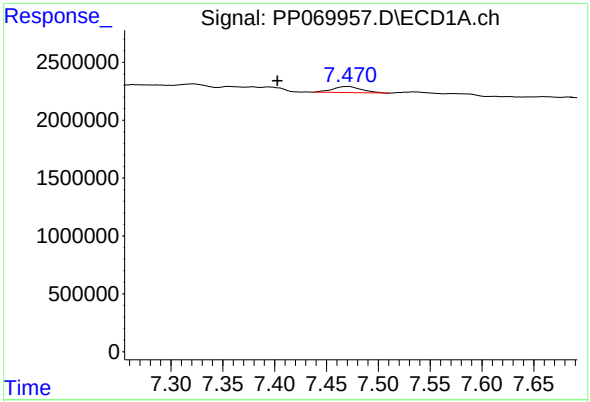
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.120 min
Response: 0
Conc: N.D.



#28 AR-1254-3

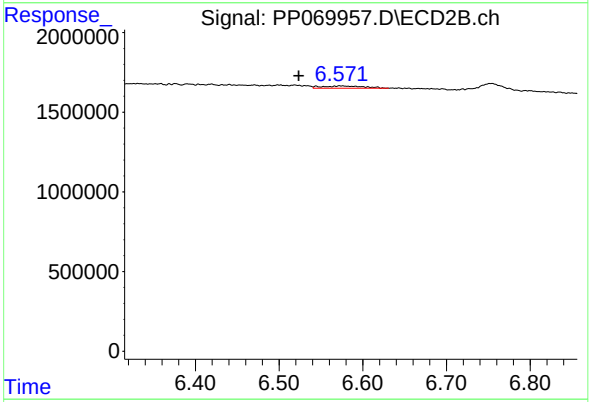
R.T.: 6.283 min
Delta R.T.: -0.012 min
Response: 1109103
Conc: 14.61 ng/ml



#29 AR-1254-4

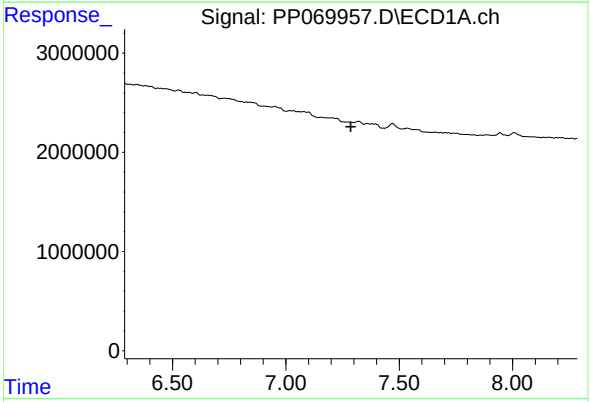
R.T.: 7.471 min
Delta R.T.: 0.068 min
Response: 1021079
Conc: 14.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



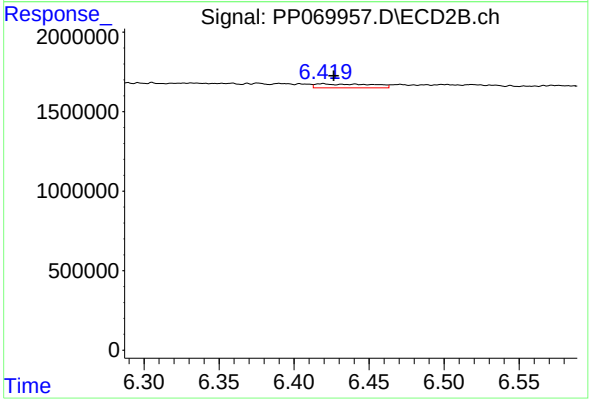
#29 AR-1254-4

R.T.: 6.572 min
Delta R.T.: 0.049 min
Response: 498648
Conc: 9.73 ng/ml



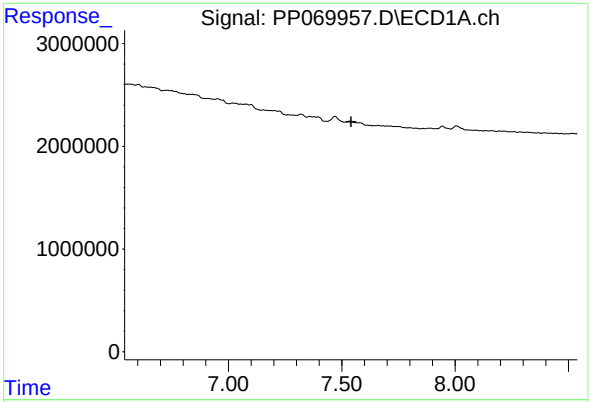
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.



#31 AR-1260-1

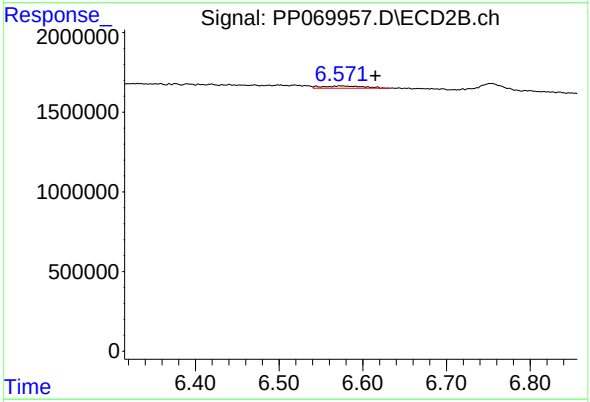
R.T.: 6.419 min
Delta R.T.: -0.007 min
Response: 657844
Conc: 13.64 ng/ml



#32 AR-1260-2

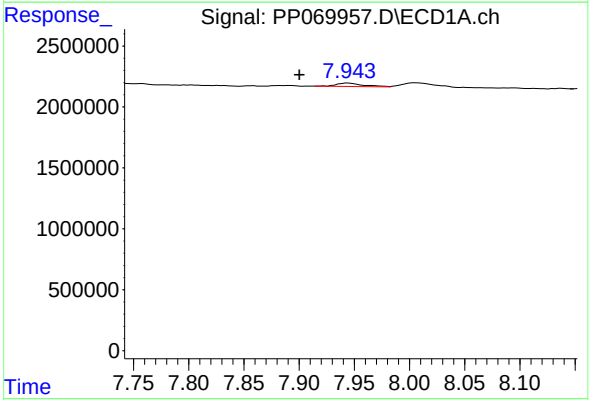
R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



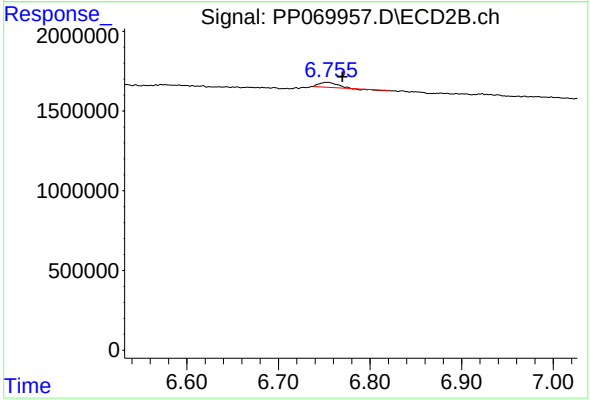
#32 AR-1260-2

R.T.: 6.572 min
Delta R.T.: -0.043 min
Response: 498648
Conc: 8.13 ng/ml



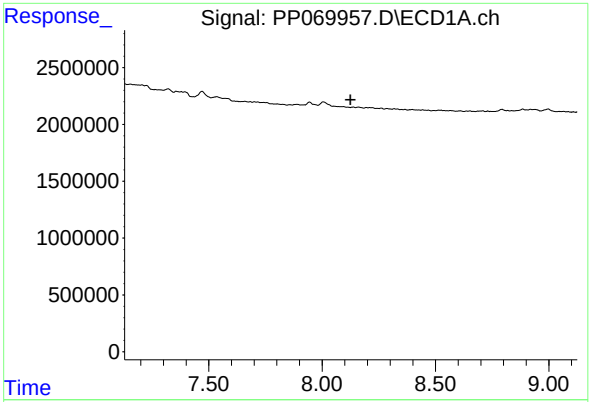
#33 AR-1260-3

R.T.: 7.945 min
Delta R.T.: 0.044 min
Response: 490378
Conc: 7.84 ng/ml



#33 AR-1260-3

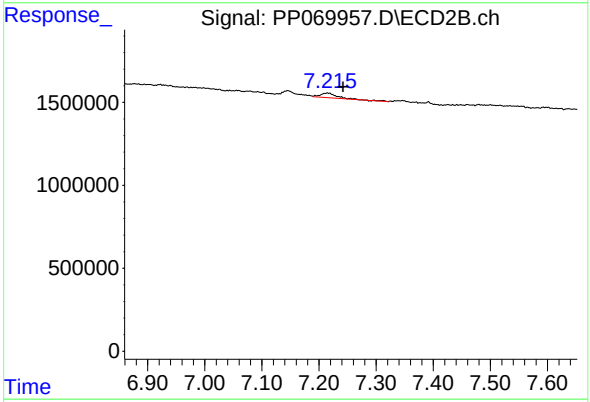
R.T.: 6.753 min
Delta R.T.: -0.017 min
Response: 384390
Conc: 6.39 ng/ml



#34 AR-1260-4

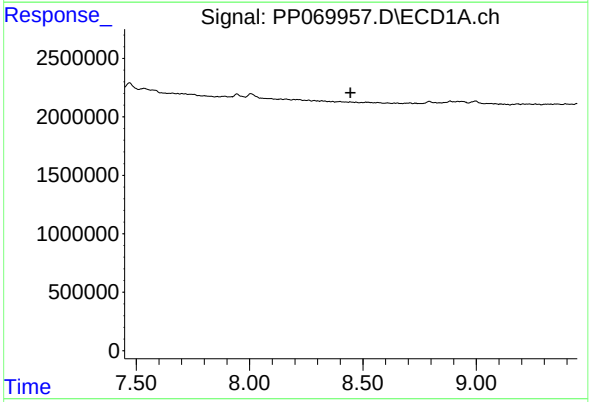
R.T.: 0.000 min
Exp R.T. : 8.125 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



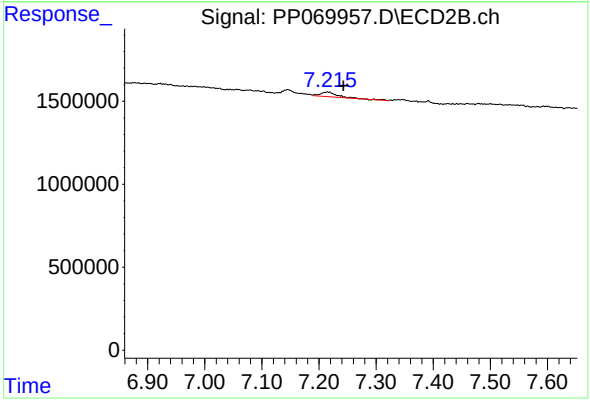
#34 AR-1260-4

R.T.: 7.215 min
Delta R.T.: -0.028 min
Response: 587793
Conc: 12.65 ng/ml



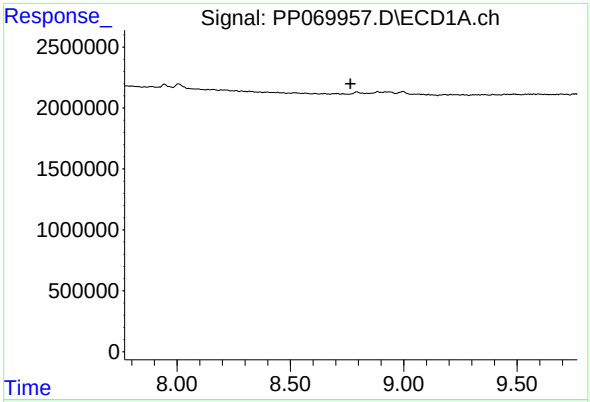
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.



#37 AR-1262-2

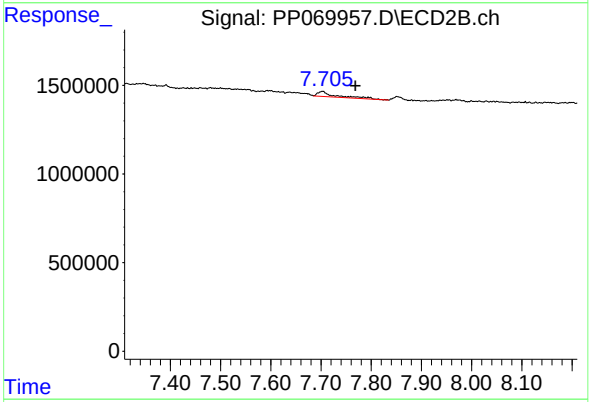
R.T.: 7.215 min
Delta R.T.: -0.028 min
Response: 587793
Conc: 9.64 ng/ml



#38 AR-1262-3

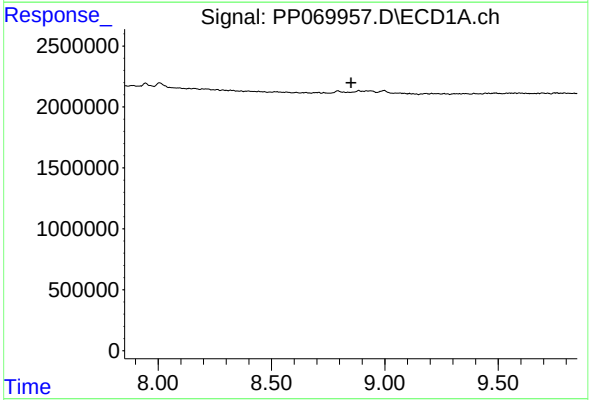
R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



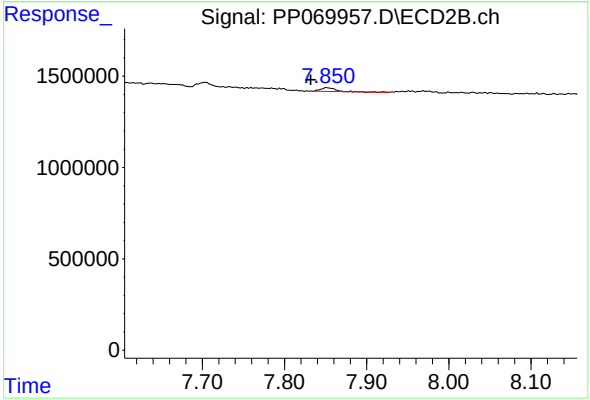
#38 AR-1262-3

R.T.: 7.703 min
Delta R.T.: -0.066 min
Response: 714127
Conc: 13.65 ng/ml



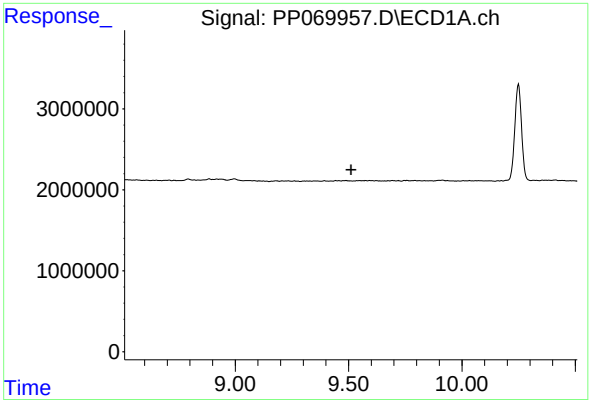
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.



#39 AR-1262-4

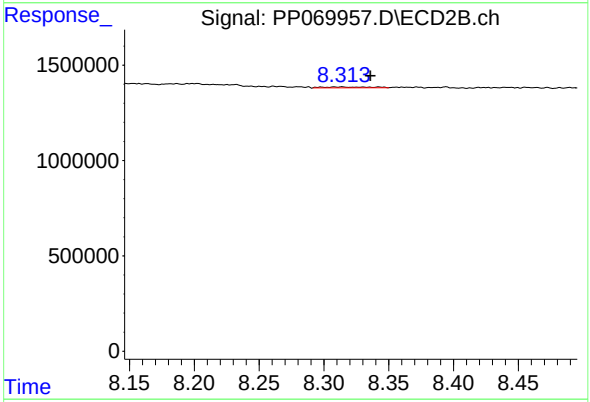
R.T.: 7.852 min
Delta R.T.: 0.020 min
Response: 265889
Conc: 2.88 ng/ml



#40 AR-1262-5

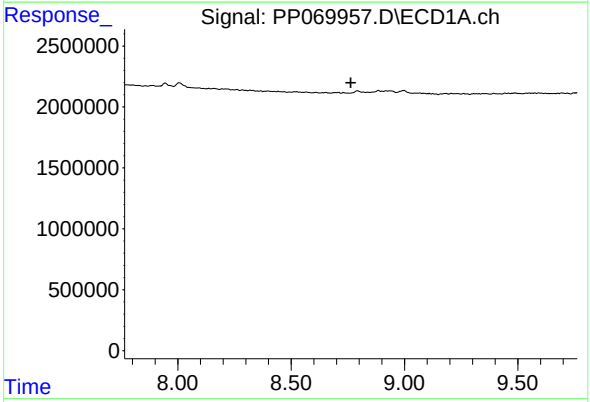
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



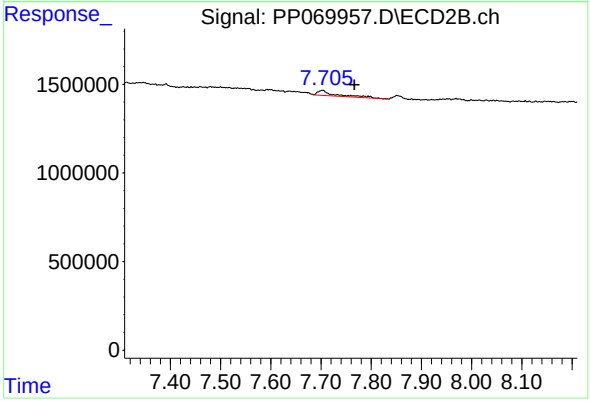
#40 AR-1262-5

R.T.: 8.313 min
Delta R.T.: -0.023 min
Response: 109760
Conc: 2.30 ng/ml



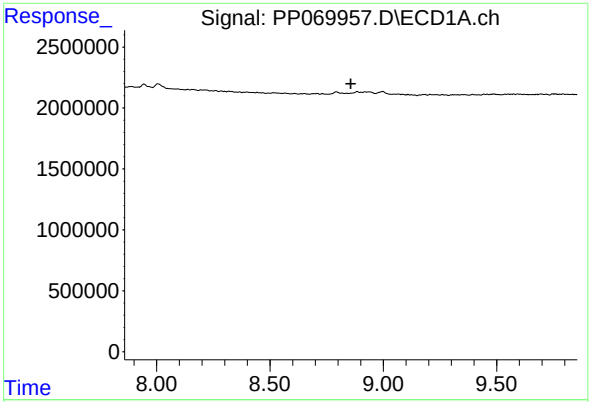
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

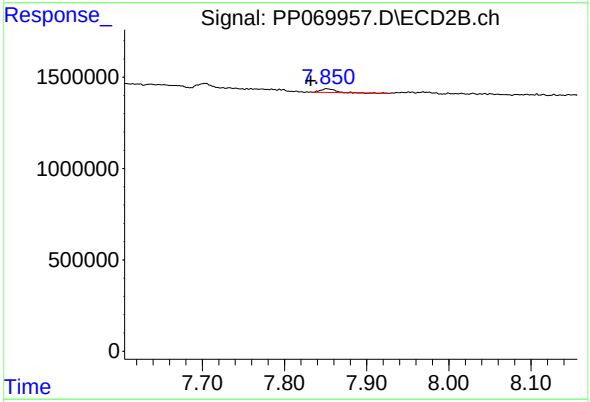
R.T.: 7.703 min
Delta R.T.: -0.064 min
Response: 714127
Conc: 4.92 ng/ml



#42 AR-1268-2

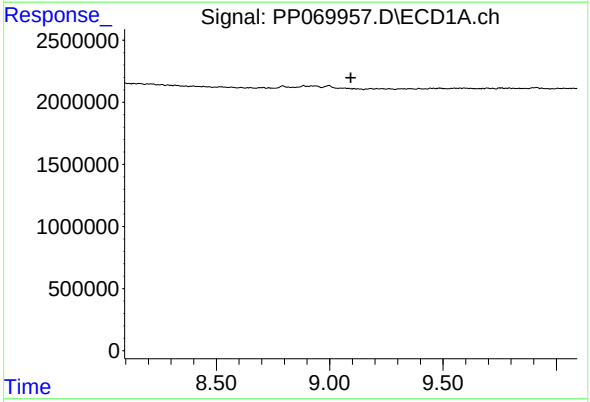
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



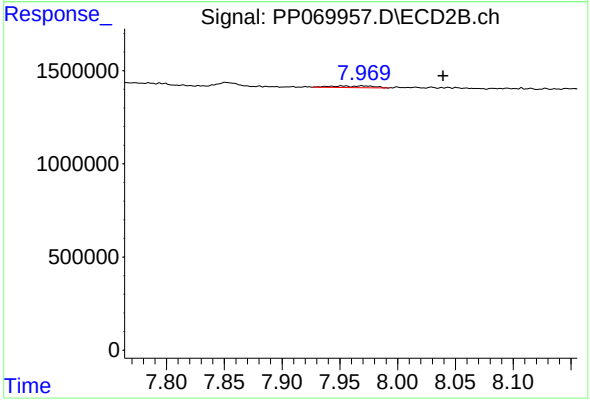
#42 AR-1268-2

R.T.: 7.852 min
Delta R.T.: 0.020 min
Response: 265889
Conc: 2.00 ng/ml



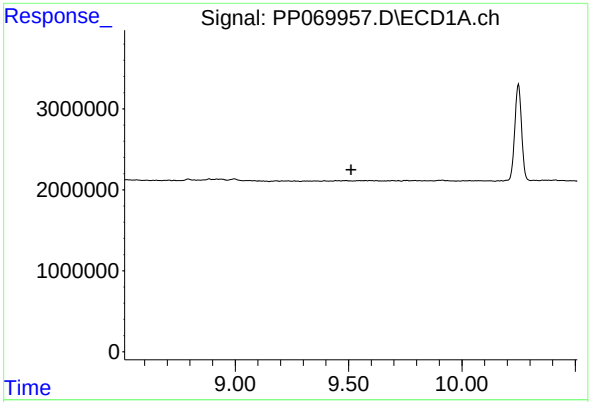
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#43 AR-1268-3

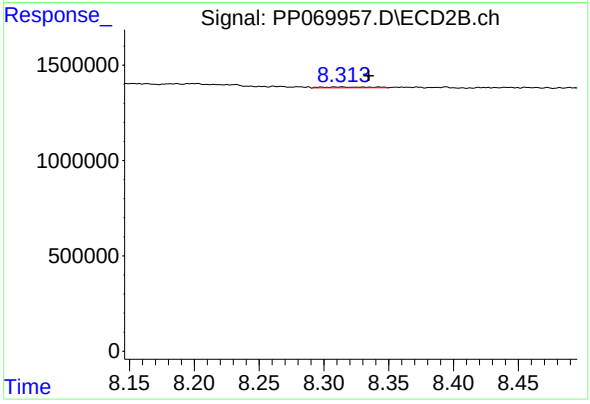
R.T.: 7.970 min
Delta R.T.: -0.070 min
Response: 233476
Conc: 2.05 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



#44 AR-1268-4

R.T.: 8.313 min
Delta R.T.: -0.022 min
Response: 109760
Conc: 2.11 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 11:58
Operator : YP\AJ
Sample : Q1383-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:12:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.524	3.829	33955635	20039640	23.721	22.452	
2)	SA Decachlor...	10.249	8.886	23252894	23474368	21.276	20.988	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.917	0	68508	N.D.	2.101	#
4)	L1 AR-1016-2	0.000	4.969	0	90859	N.D.	2.021	#
5)	L1 AR-1016-3	0.000	5.160	0	346617	N.D.	13.929	#
6)	L1 AR-1016-4	0.000	5.160	0	346617	N.D.	17.162	#
7)	L1 AR-1016-5	0.000	5.371	0	730602	N.D.	27.237	#
8)	L2 AR-1221-1	0.000	4.048	0	199312	N.D.	16.180	#
9)	L2 AR-1221-2	4.826	4.133	403988	677347	29.504	69.949	#
10)	L2 AR-1221-3	0.000	4.191	0	108164	N.D.	3.708	#
11)	L3 AR-1232-1	0.000	4.191	0	108164	N.D.	4.607	#
12)	L3 AR-1232-2	5.377f	4.969	397650	90859	24.333	3.855	#
13)	L3 AR-1232-3	0.000	5.160	0	346617	N.D.	26.771	#
14)	L3 AR-1232-4	0.000	5.234	0	342273	N.D.	30.873	#
15)	L3 AR-1232-5	0.000	5.371	0	730602	N.D.	59.835	#
16)	L4 AR-1242-1	0.000	4.917	0	68508	N.D.	2.376	#
17)	L4 AR-1242-2	0.000	4.969	0	90859	N.D.	2.306	#
18)	L4 AR-1242-3	0.000	5.160	0	346617	N.D.	15.402	#
19)	L4 AR-1242-4	0.000	5.234	0	342273	N.D.	15.859	#
20)	L4 AR-1242-5	6.546f	5.726	1085597	1088282	33.317	37.829	
21)	L5 AR-1248-1	0.000	4.917	0	68508	N.D.	3.113	#
22)	L5 AR-1248-2	0.000	5.160	0	346617	N.D.	11.529	#
23)	L5 AR-1248-3	0.000	5.234	0	342273	N.D.	11.047	#
24)	L5 AR-1248-4	6.546	5.371	1085597	730602	19.695	19.776	
25)	L5 AR-1248-5	6.546f	5.768	1085597	415574	20.336	11.115	#
26)	L6 AR-1254-1	6.546	5.726	1085597	1088282	18.761	19.767	
27)	L6 AR-1254-2	6.742	5.874	2312038	1233393	28.813	25.500	
28)	L6 AR-1254-3	7.105	6.279	1656147	2082497	19.649	27.439	#
29)	L6 AR-1254-4	7.388	6.507	1285107	1429063	18.847	27.884	#
30)	L6 AR-1254-5	7.805	6.925	902429	1013296	13.262	15.224	
31)	L7 AR-1260-1	0.000	6.412	0	1228627	N.D.	25.475	#
32)	L7 AR-1260-2	7.525	6.598	792150	781863	10.180	12.754	#
33)	L7 AR-1260-3	0.000	6.752	0	740137	N.D.	12.304	#
34)	L7 AR-1260-4	8.089f	7.259	968791	292868	14.684	6.303	#
35)	L7 AR-1260-5	8.392f	7.467	349955	109876	2.673	0.989	#
36)	L8 AR-1262-1	8.089	6.925f	968791	1013296	12.260	14.269	
37)	L8 AR-1262-2	8.392f	7.259	349955	292868	2.288	4.803	#
38)	L8 AR-1262-3	0.000	7.754	0	116139	N.D.	2.221	#
39)	L8 AR-1262-4	0.000	7.811	0	161285	N.D.	1.745	#
41)	L9 AR-1268-1	0.000	7.754	0	116139	N.D.	0.800	#
42)	L9 AR-1268-2	0.000	7.811	0	161285	N.D.	1.214	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 11:58
Operator : YP\AJ
Sample : Q1383-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:12:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.020	0	144072	N.D.	1.267 #
45) L9	AR-1268-5	0.000	8.619	0	107021	N.D.	0.300 #

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

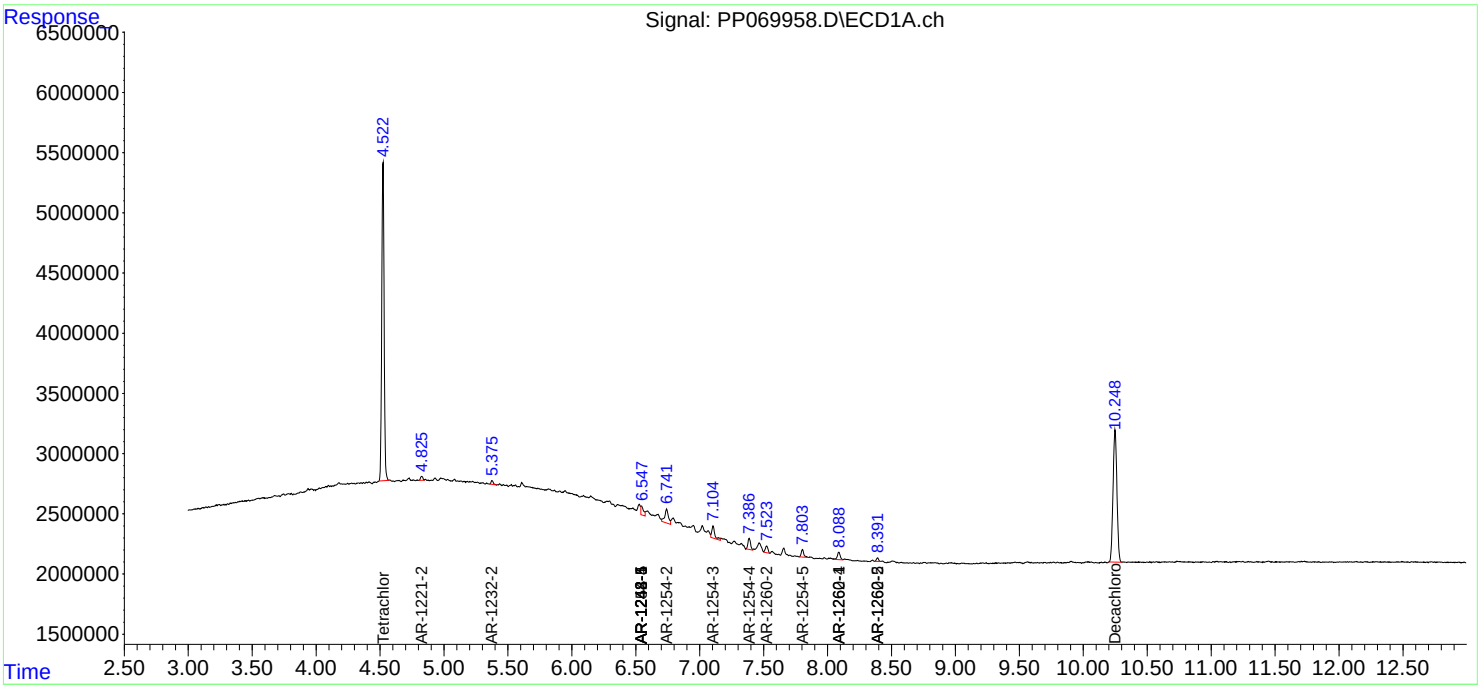
Quantitation Report (Not Reviewed)

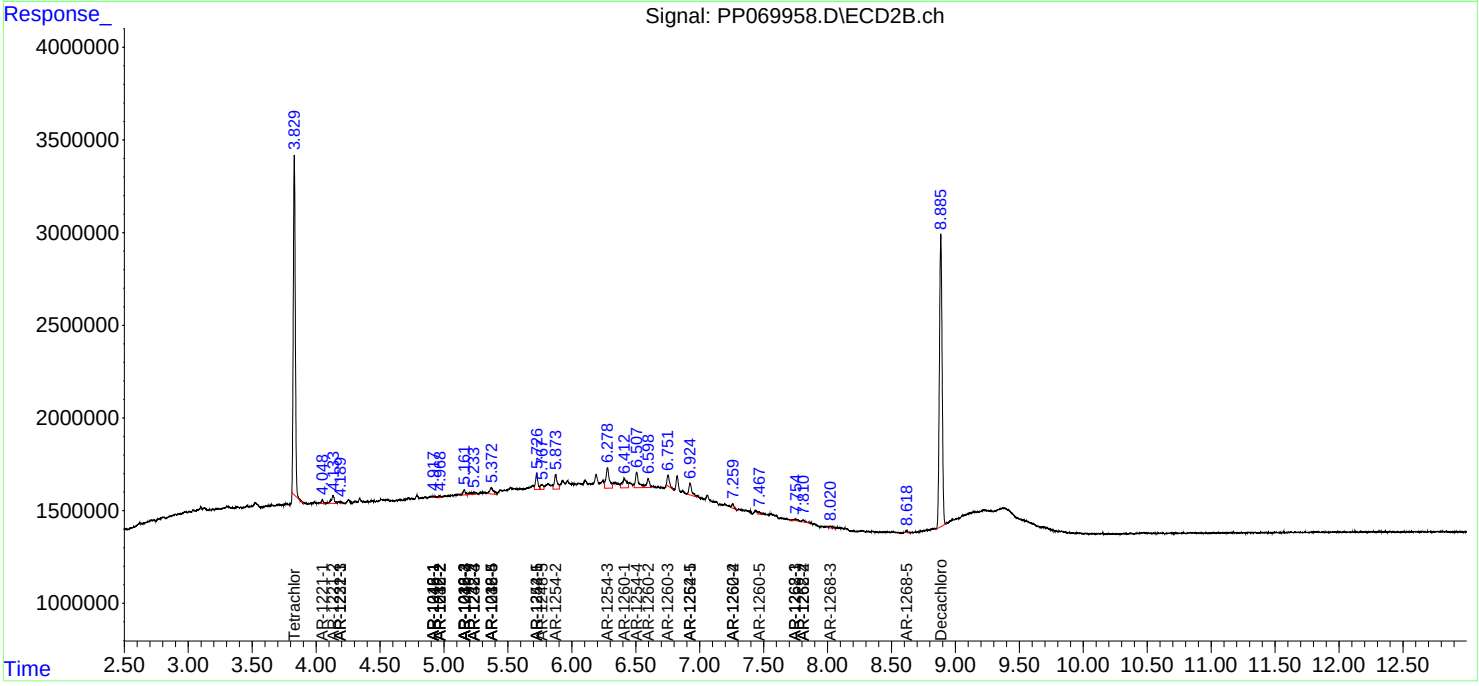
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 11:58
Operator : YP\AJ
Sample : Q1383-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

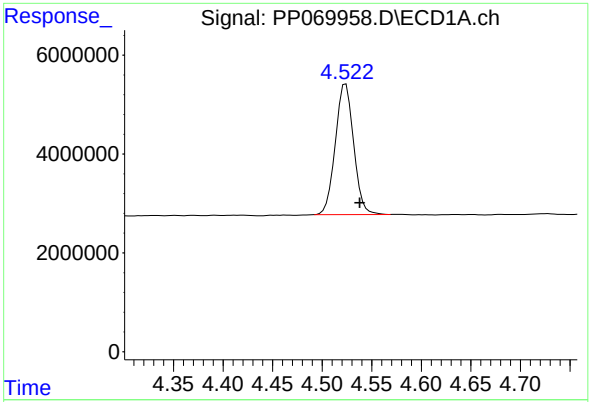
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:12:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



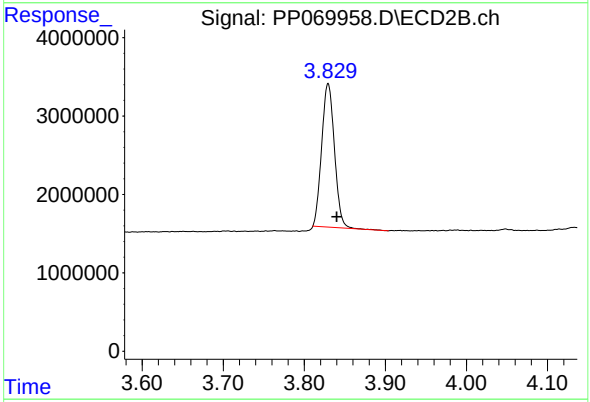




#1 Tetrachloro-m-xylene

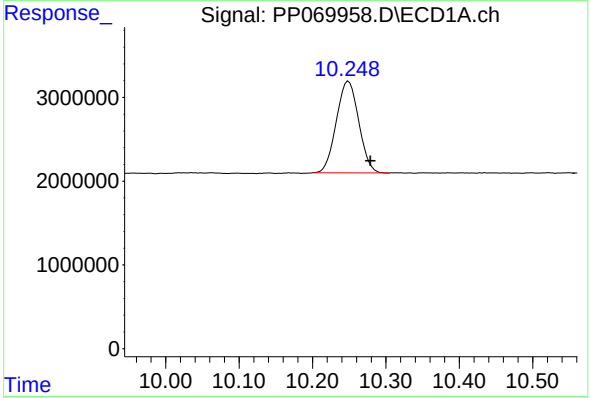
R.T.: 4.524 min
Delta R.T.: -0.014 min
Response: 33955635
Conc: 23.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



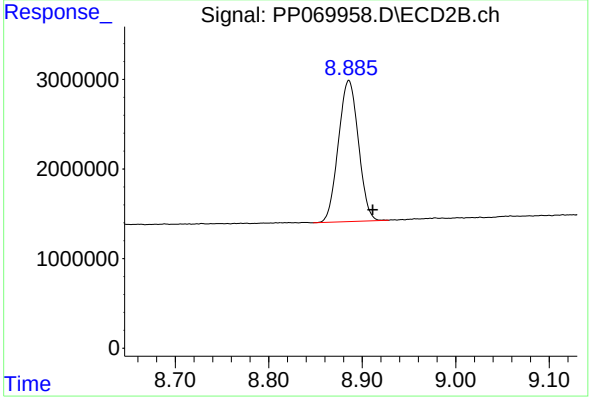
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 20039640
Conc: 22.45 ng/ml



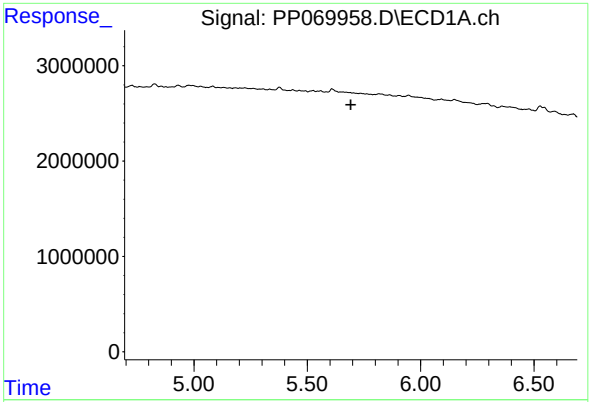
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.030 min
Response: 23252894
Conc: 21.28 ng/ml



#2 Decachlorobiphenyl

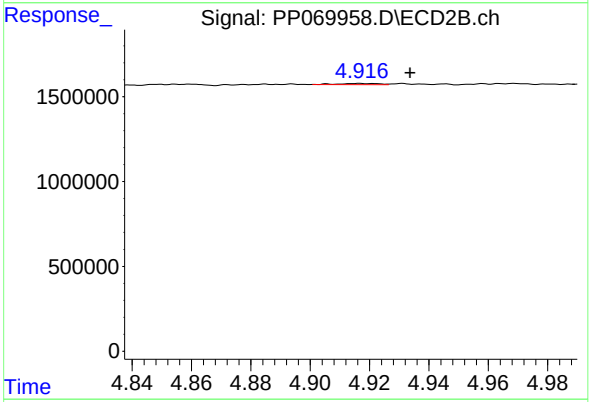
R.T.: 8.886 min
Delta R.T.: -0.025 min
Response: 23474368
Conc: 20.99 ng/ml



#3 AR-1016-1

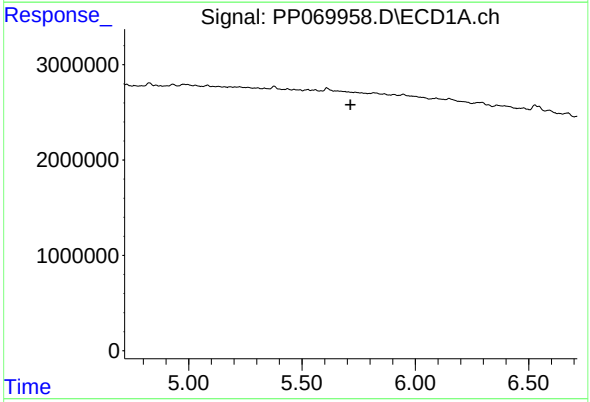
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



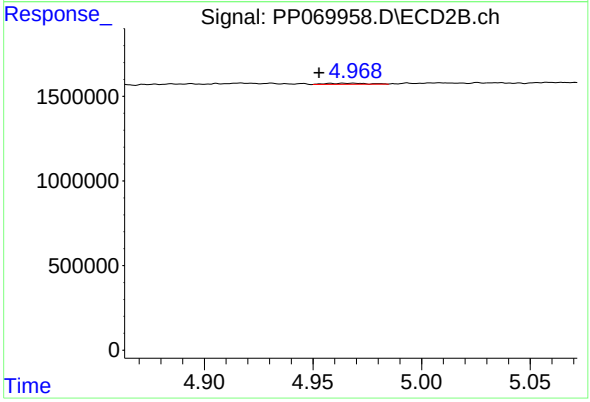
#3 AR-1016-1

R.T.: 4.917 min
Delta R.T.: -0.017 min
Response: 68508
Conc: 2.10 ng/ml



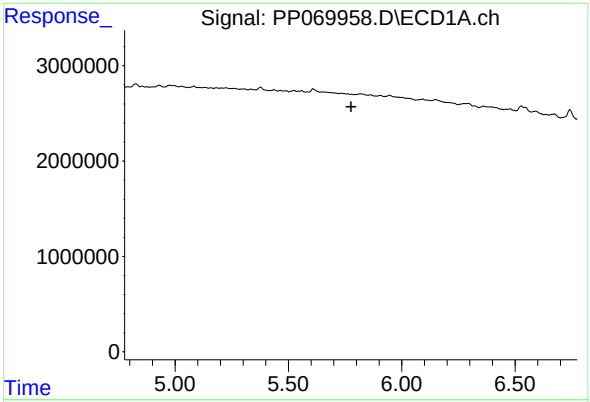
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

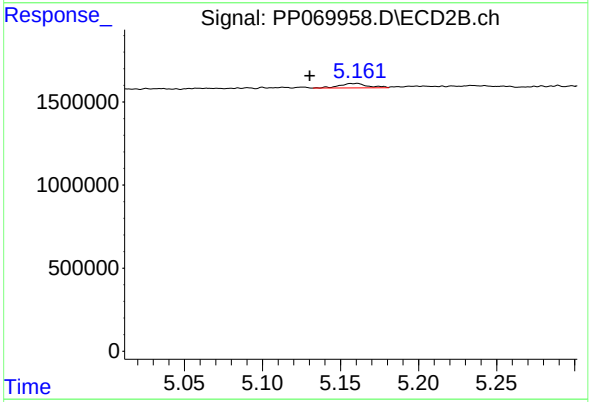
R.T.: 4.969 min
Delta R.T.: 0.016 min
Response: 90859
Conc: 2.02 ng/ml



#5 AR-1016-3

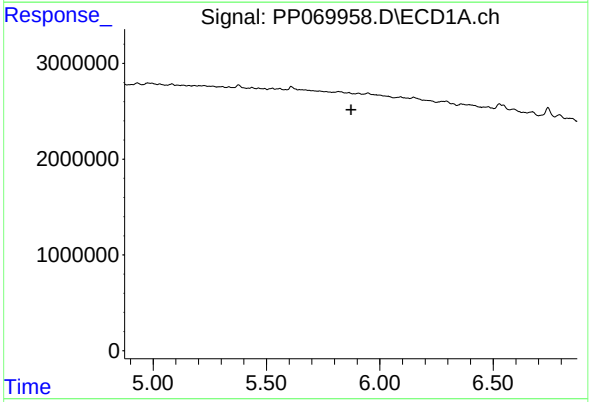
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



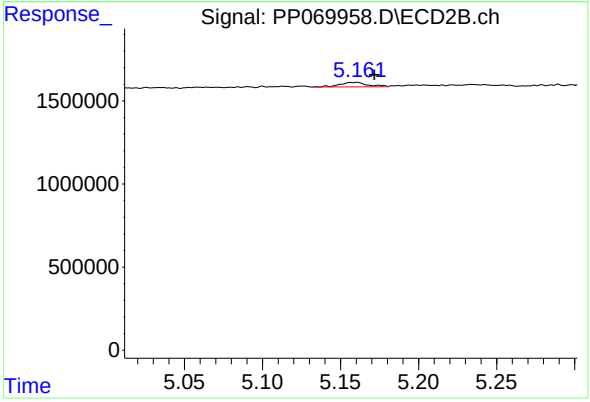
#5 AR-1016-3

R.T.: 5.160 min
Delta R.T.: 0.030 min
Response: 346617
Conc: 13.93 ng/ml



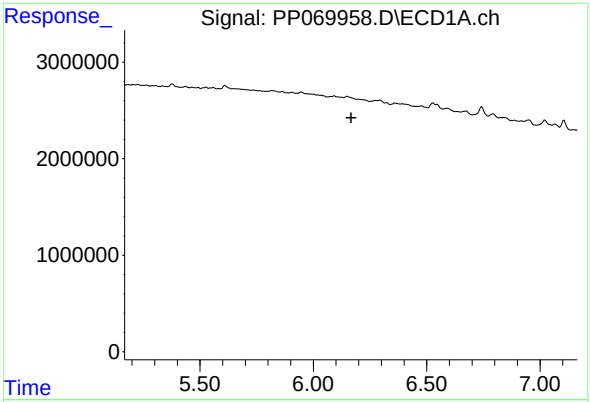
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

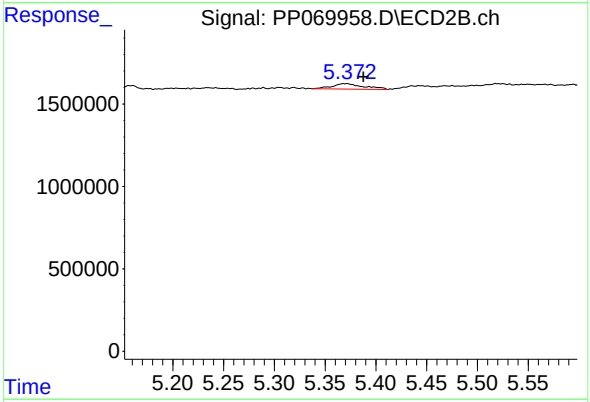
R.T.: 5.160 min
Delta R.T.: -0.011 min
Response: 346617
Conc: 17.16 ng/ml



#7 AR-1016-5

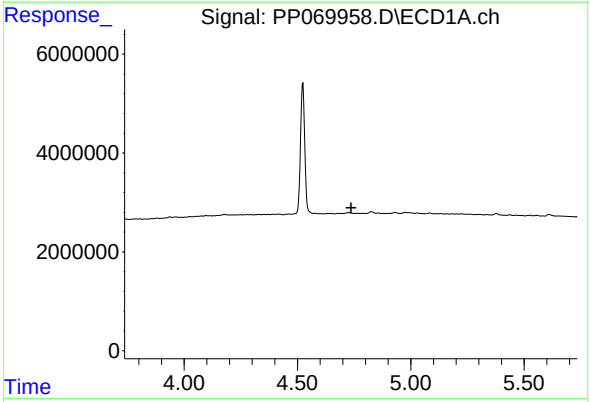
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



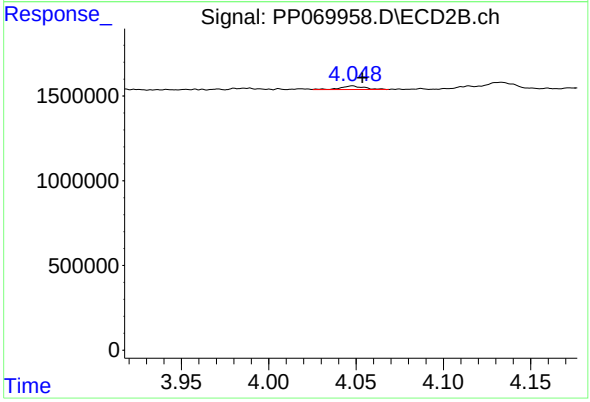
#7 AR-1016-5

R.T.: 5.371 min
Delta R.T.: -0.017 min
Response: 730602
Conc: 27.24 ng/ml



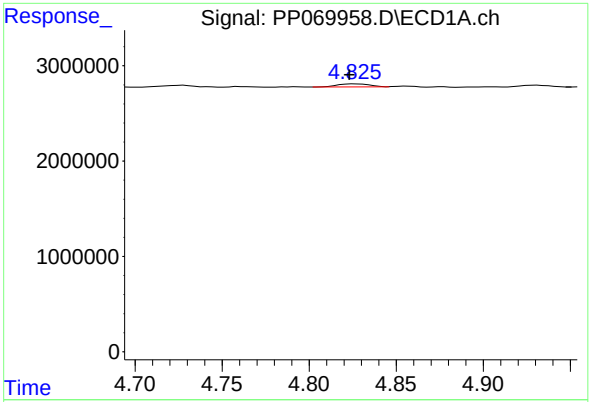
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

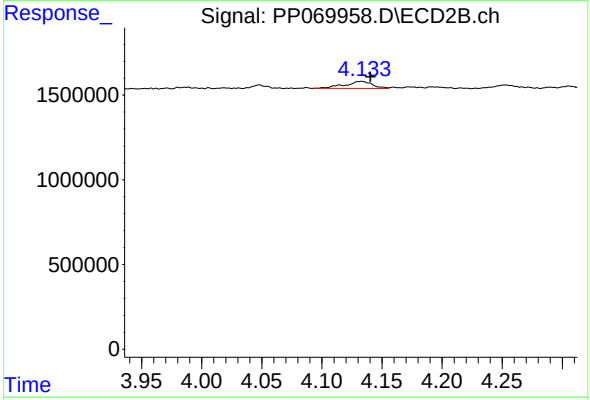
R.T.: 4.048 min
Delta R.T.: -0.006 min
Response: 199312
Conc: 16.18 ng/ml



#9 AR-1221-2

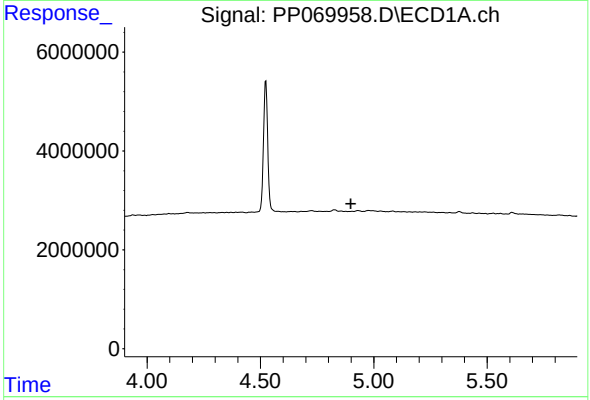
R.T.: 4.826 min
Delta R.T.: 0.003 min
Response: 403988
Conc: 29.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



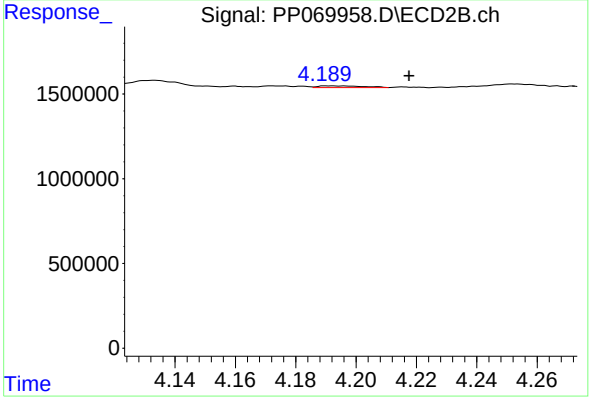
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 677347
Conc: 69.95 ng/ml



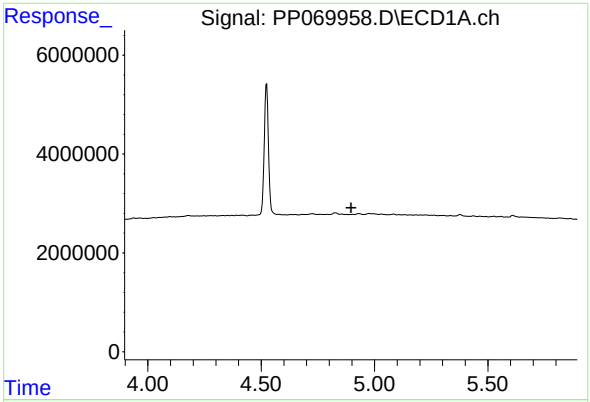
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

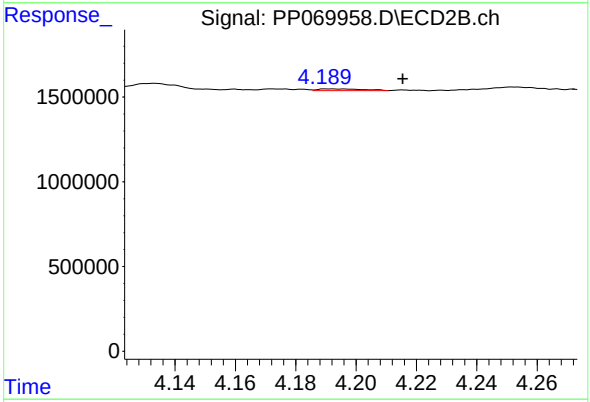
R.T.: 4.191 min
Delta R.T.: -0.026 min
Response: 108164
Conc: 3.71 ng/ml



#11 AR-1232-1

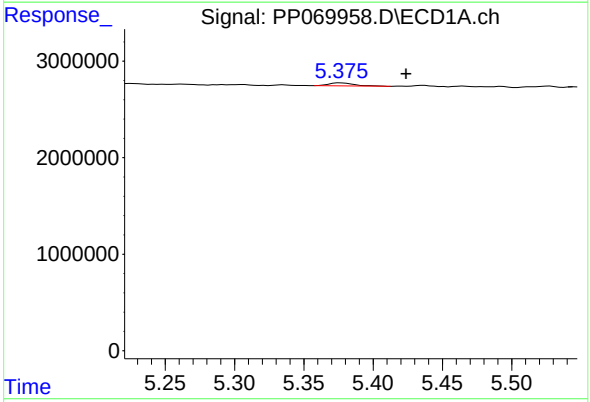
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



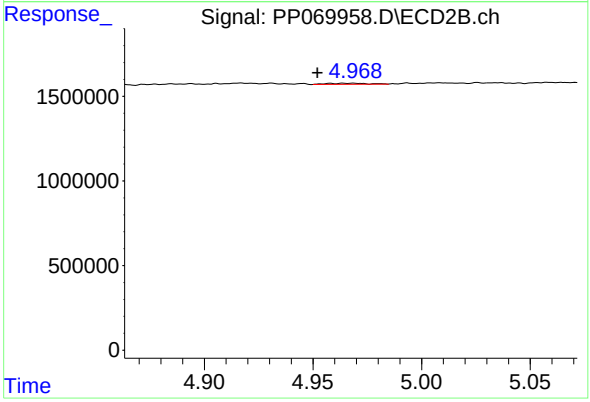
#11 AR-1232-1

R.T.: 4.191 min
Delta R.T.: -0.024 min
Response: 108164
Conc: 4.61 ng/ml



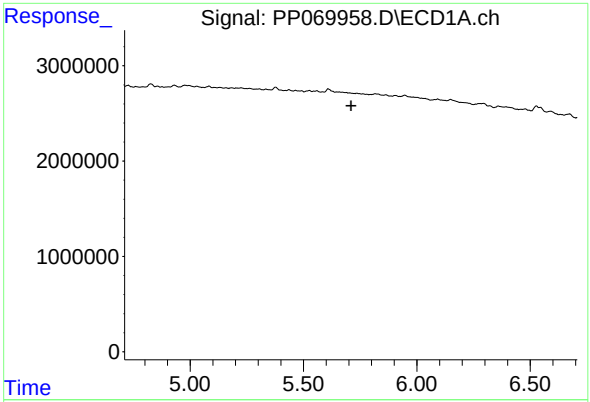
#12 AR-1232-2

R.T.: 5.377 min
Delta R.T.: -0.047 min
Response: 397650
Conc: 24.33 ng/ml



#12 AR-1232-2

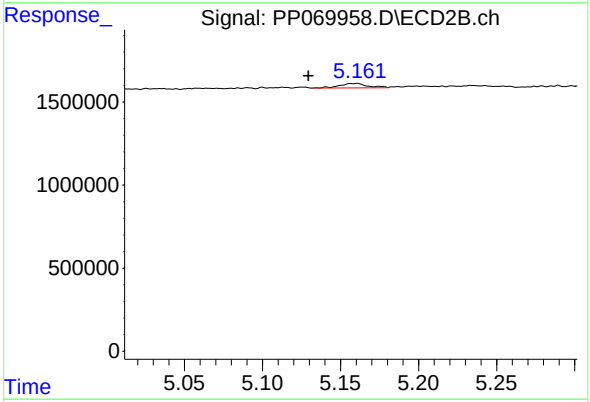
R.T.: 4.969 min
Delta R.T.: 0.017 min
Response: 90859
Conc: 3.85 ng/ml



#13 AR-1232-3

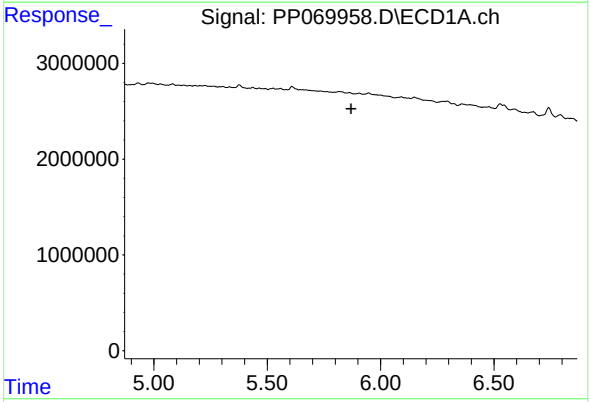
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



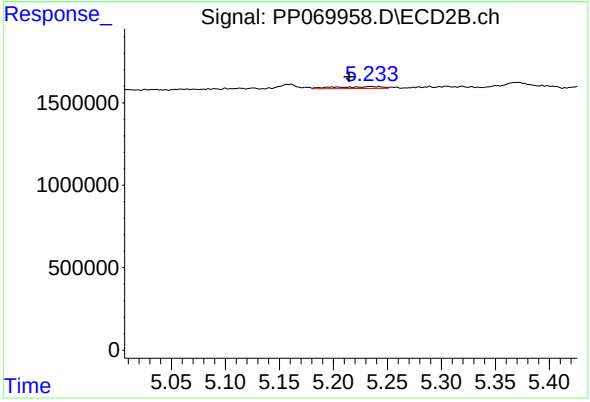
#13 AR-1232-3

R.T.: 5.160 min
Delta R.T.: 0.031 min
Response: 346617
Conc: 26.77 ng/ml



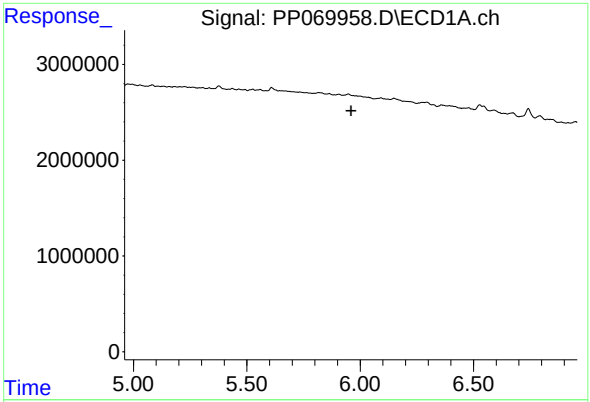
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

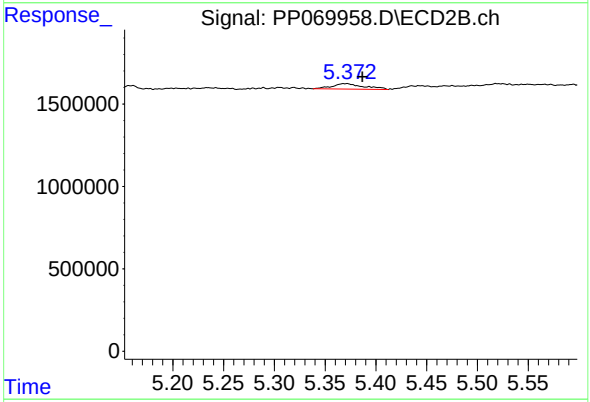
R.T.: 5.234 min
Delta R.T.: 0.020 min
Response: 342273
Conc: 30.87 ng/ml



#15 AR-1232-5

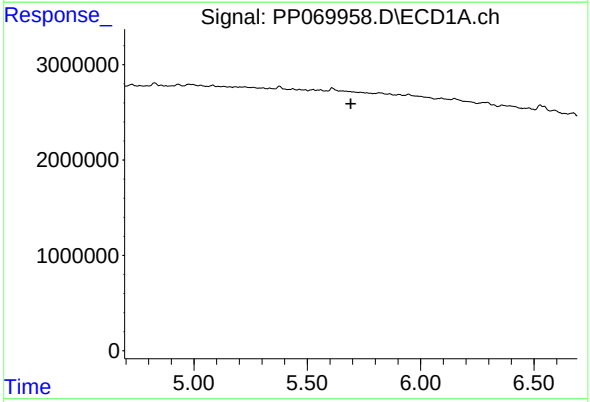
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



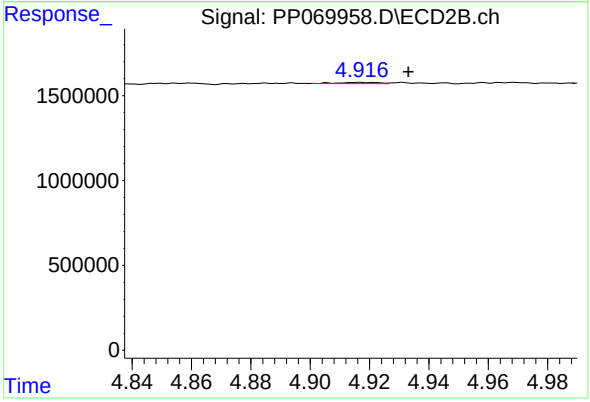
#15 AR-1232-5

R.T.: 5.371 min
Delta R.T.: -0.015 min
Response: 730602
Conc: 59.83 ng/ml



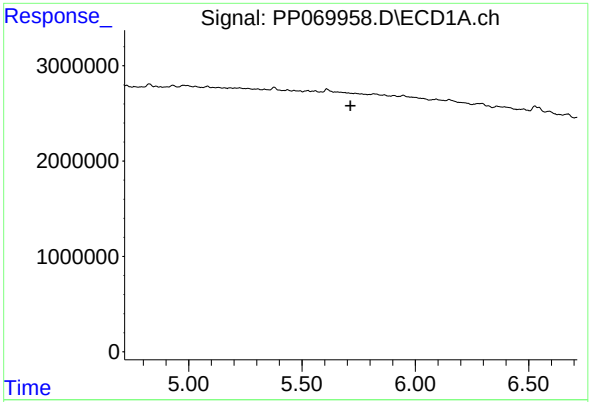
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

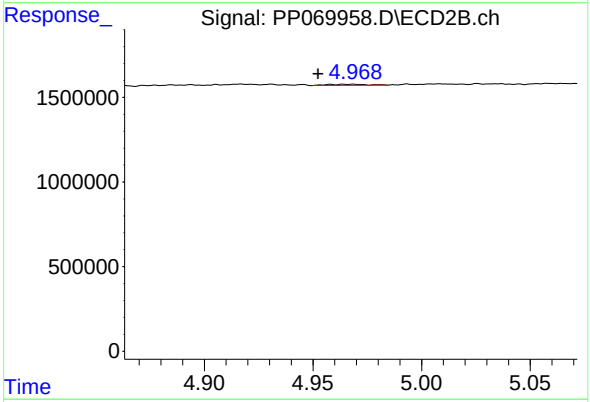
R.T.: 4.917 min
Delta R.T.: -0.017 min
Response: 68508
Conc: 2.38 ng/ml



#17 AR-1242-2

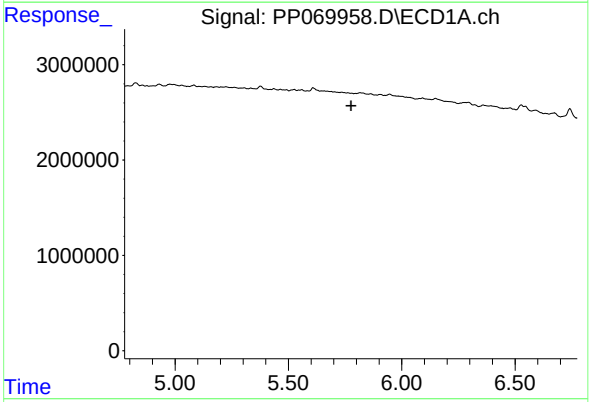
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



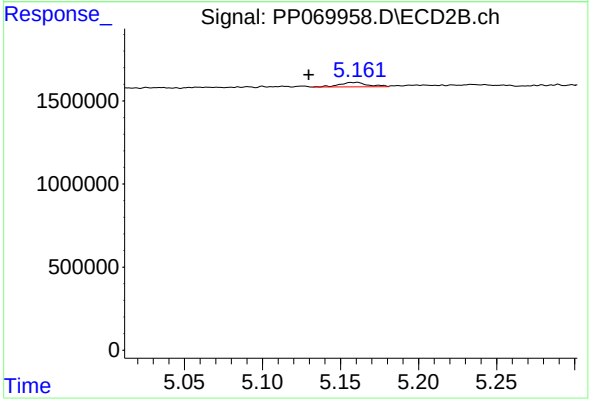
#17 AR-1242-2

R.T.: 4.969 min
Delta R.T.: 0.017 min
Response: 90859
Conc: 2.31 ng/ml



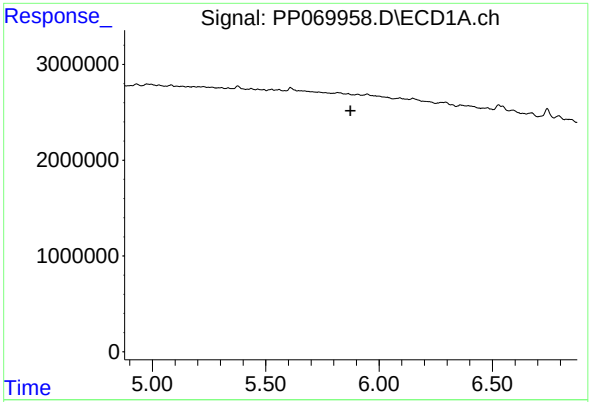
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

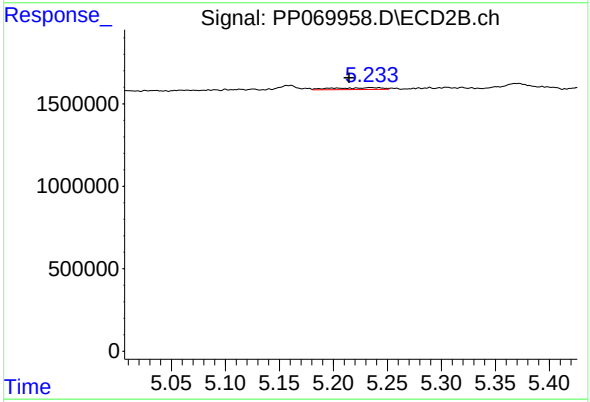
R.T.: 5.160 min
Delta R.T.: 0.031 min
Response: 346617
Conc: 15.40 ng/ml



#19 AR-1242-4

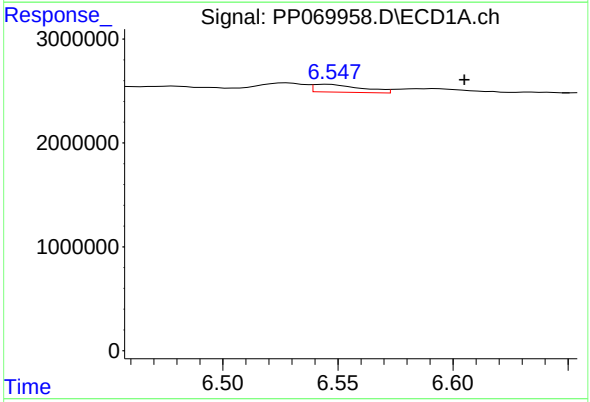
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



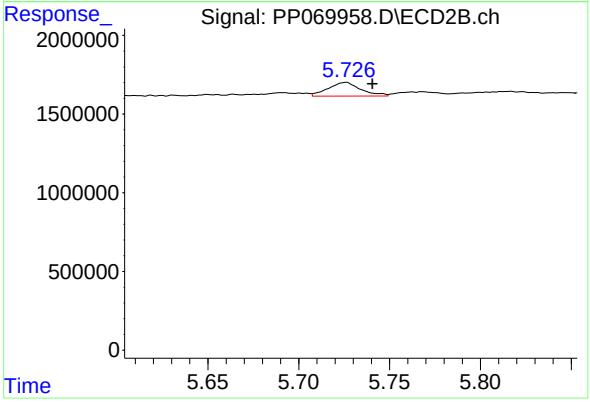
#19 AR-1242-4

R.T.: 5.234 min
Delta R.T.: 0.020 min
Response: 342273
Conc: 15.86 ng/ml



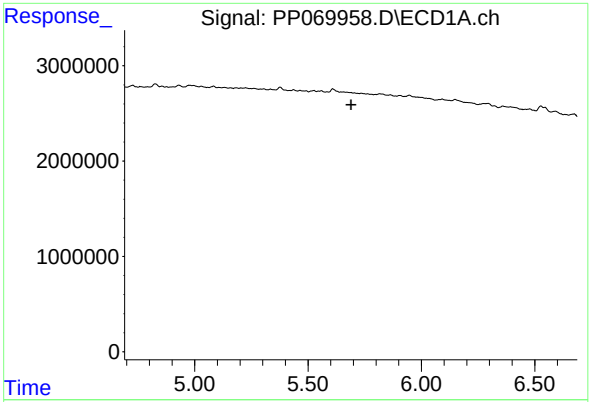
#20 AR-1242-5

R.T.: 6.546 min
Delta R.T.: -0.059 min
Response: 1085597
Conc: 33.32 ng/ml



#20 AR-1242-5

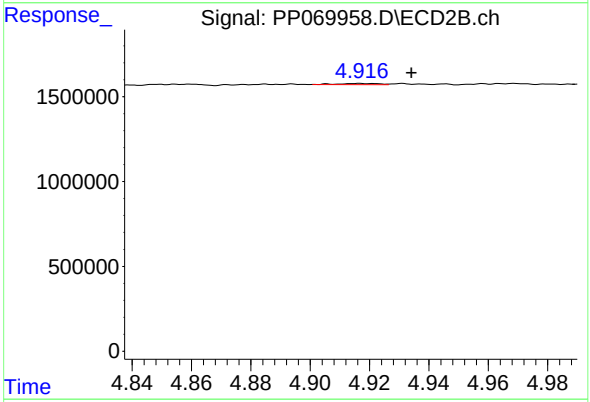
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 1088282
Conc: 37.83 ng/ml



#21 AR-1248-1

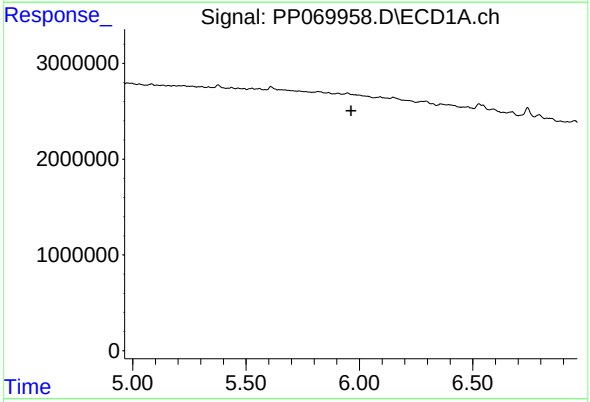
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



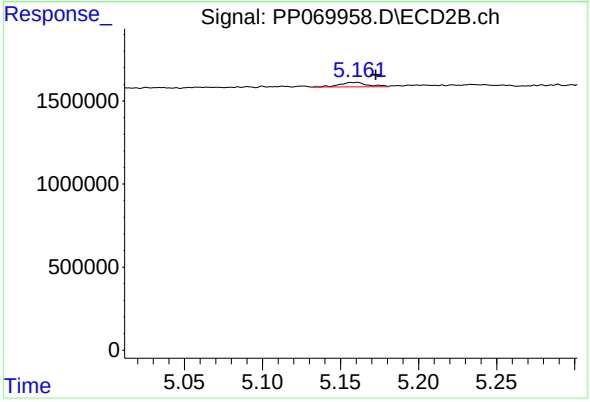
#21 AR-1248-1

R.T.: 4.917 min
Delta R.T.: -0.018 min
Response: 68508
Conc: 3.11 ng/ml



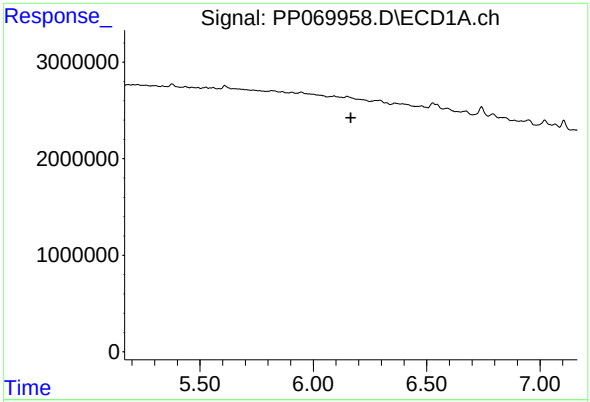
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

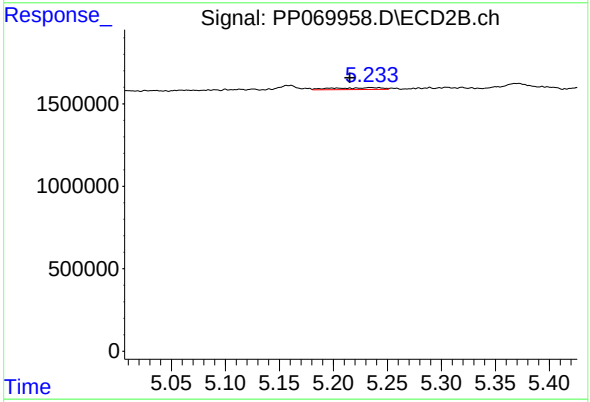
R.T.: 5.160 min
Delta R.T.: -0.012 min
Response: 346617
Conc: 11.53 ng/ml



#23 AR-1248-3

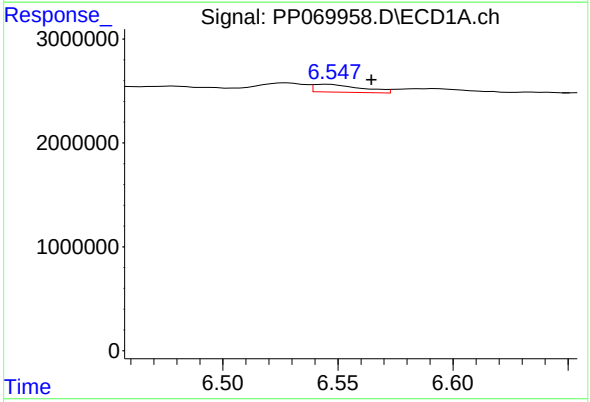
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



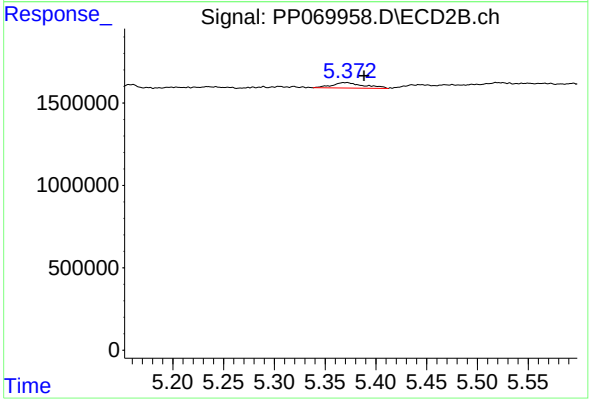
#23 AR-1248-3

R.T.: 5.234 min
Delta R.T.: 0.019 min
Response: 342273
Conc: 11.05 ng/ml



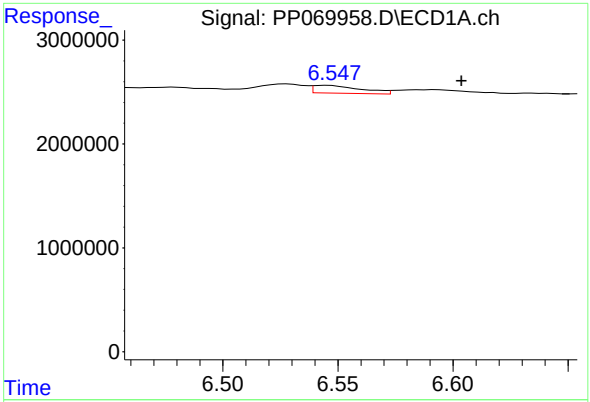
#24 AR-1248-4

R.T.: 6.546 min
Delta R.T.: -0.019 min
Response: 1085597
Conc: 19.69 ng/ml



#24 AR-1248-4

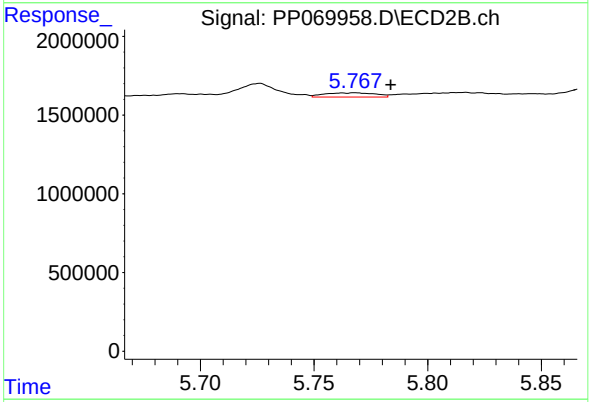
R.T.: 5.371 min
Delta R.T.: -0.017 min
Response: 730602
Conc: 19.78 ng/ml



#25 AR-1248-5

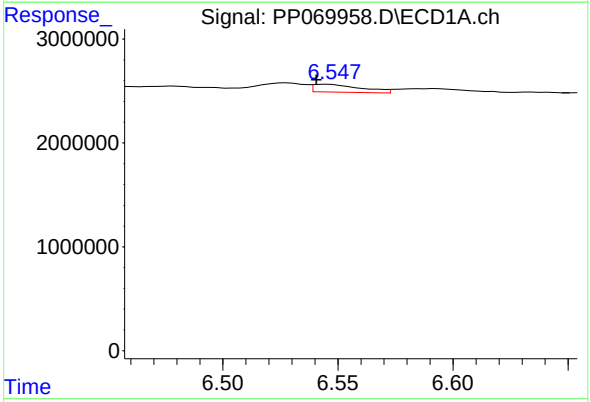
R.T.: 6.546 min
Delta R.T.: -0.058 min
Response: 1085597
Conc: 20.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



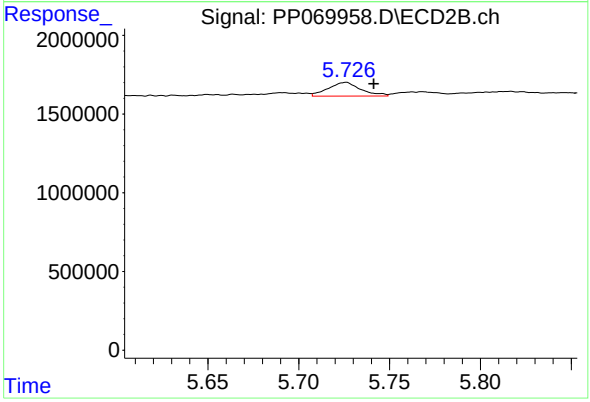
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: -0.015 min
Response: 415574
Conc: 11.11 ng/ml



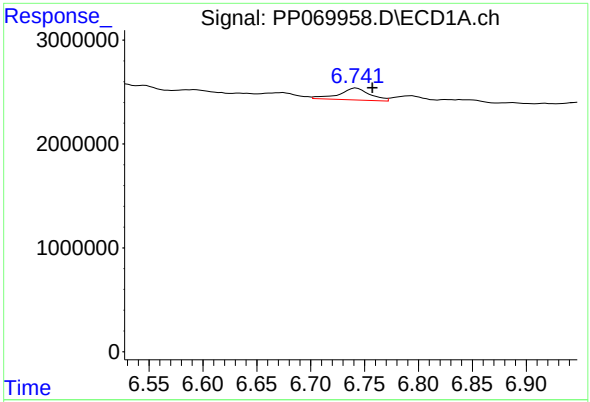
#26 AR-1254-1

R.T.: 6.546 min
Delta R.T.: 0.005 min
Response: 1085597
Conc: 18.76 ng/ml



#26 AR-1254-1

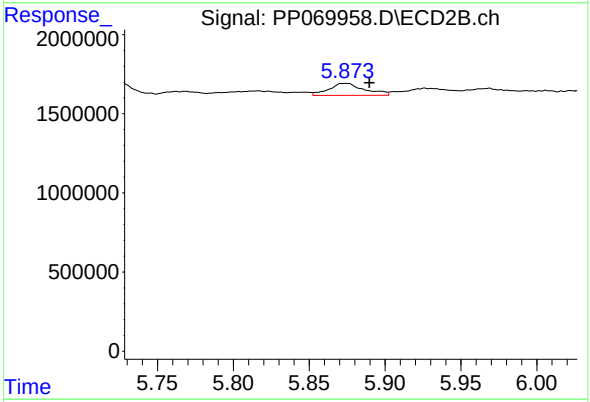
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 1088282
Conc: 19.77 ng/ml



#27 AR-1254-2

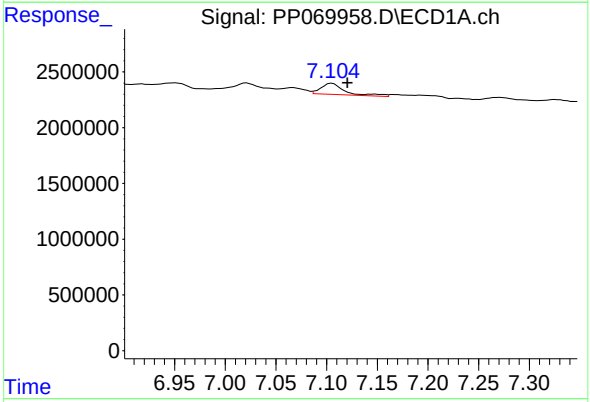
R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 2312038
Conc: 28.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



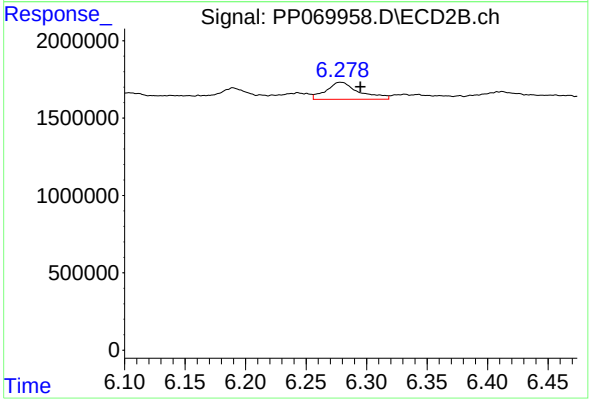
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.016 min
Response: 1233393
Conc: 25.50 ng/ml



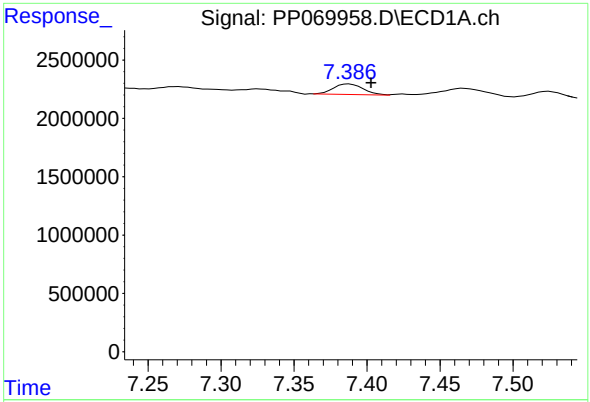
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 1656147
Conc: 19.65 ng/ml



#28 AR-1254-3

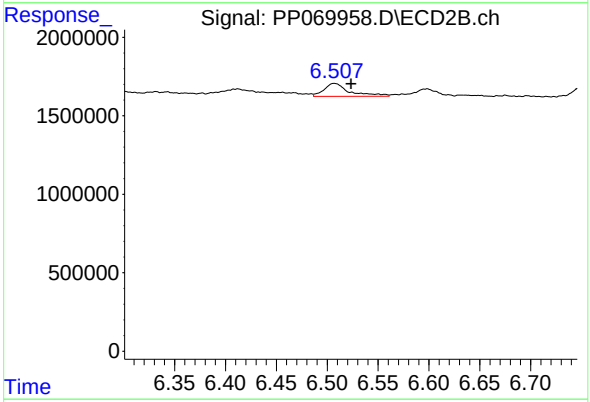
R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 2082497
Conc: 27.44 ng/ml



#29 AR-1254-4

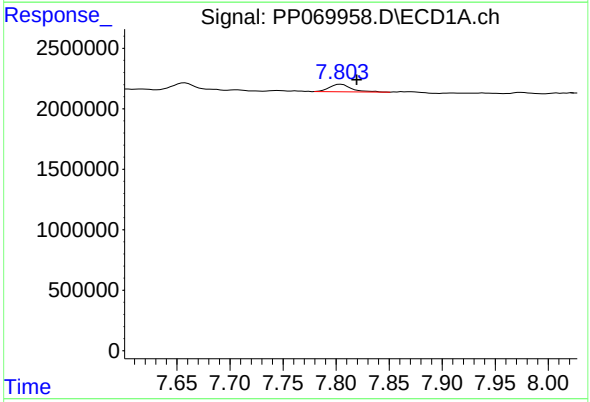
R.T.: 7.388 min
Delta R.T.: -0.015 min
Response: 1285107
Conc: 18.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



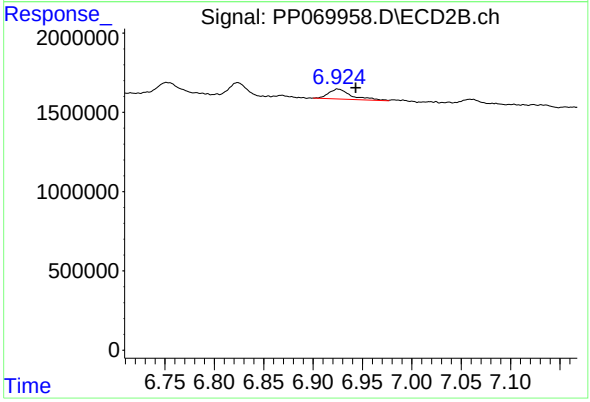
#29 AR-1254-4

R.T.: 6.507 min
Delta R.T.: -0.017 min
Response: 1429063
Conc: 27.88 ng/ml



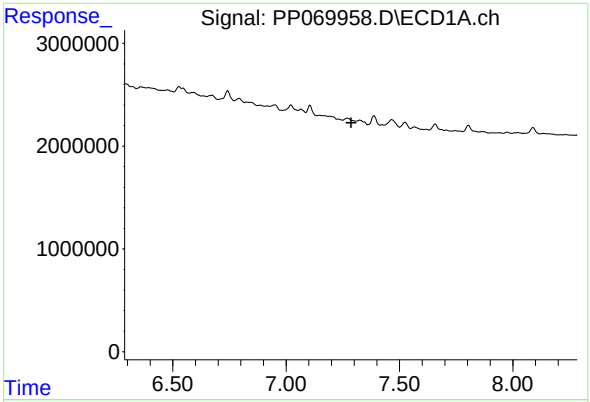
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.015 min
Response: 902429
Conc: 13.26 ng/ml



#30 AR-1254-5

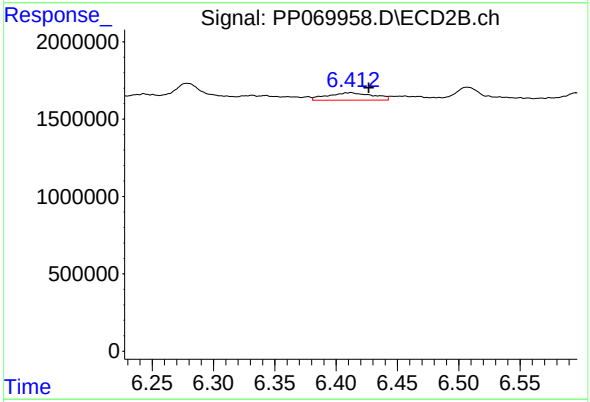
R.T.: 6.925 min
Delta R.T.: -0.018 min
Response: 1013296
Conc: 15.22 ng/ml



#31 AR-1260-1

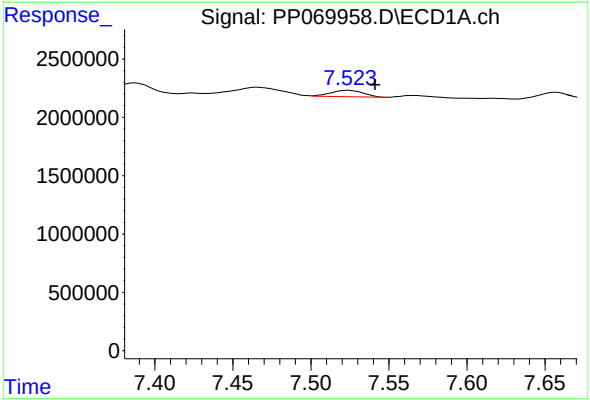
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



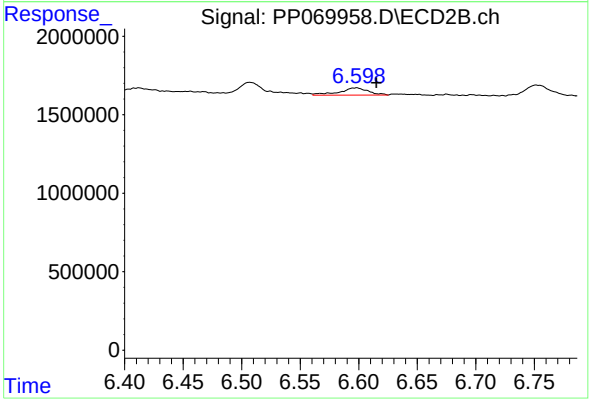
#31 AR-1260-1

R.T.: 6.412 min
Delta R.T.: -0.014 min
Response: 1228627
Conc: 25.47 ng/ml



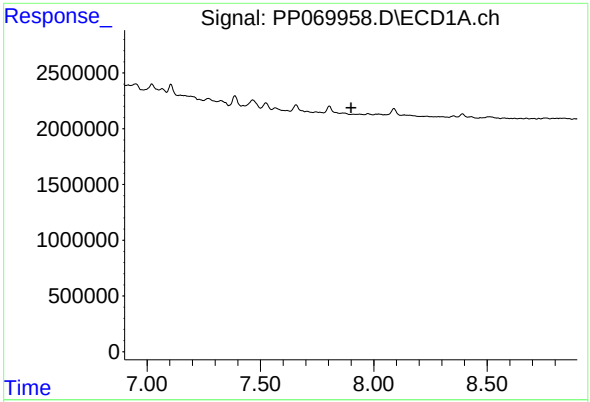
#32 AR-1260-2

R.T.: 7.525 min
Delta R.T.: -0.016 min
Response: 792150
Conc: 10.18 ng/ml



#32 AR-1260-2

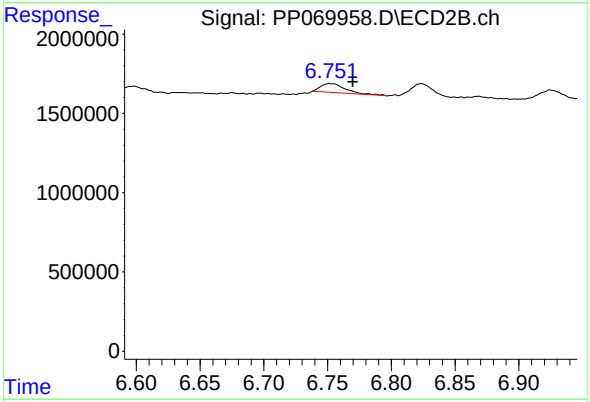
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 781863
Conc: 12.75 ng/ml



#33 AR-1260-3

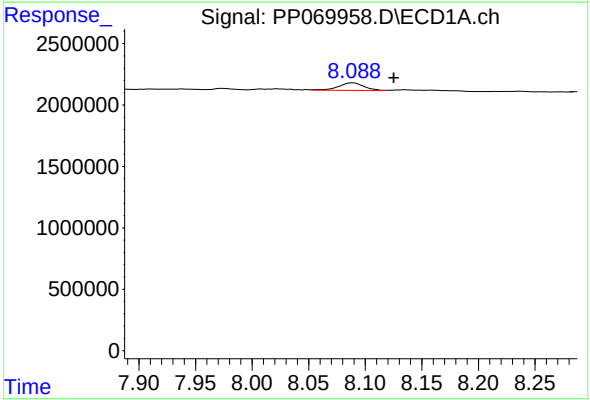
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



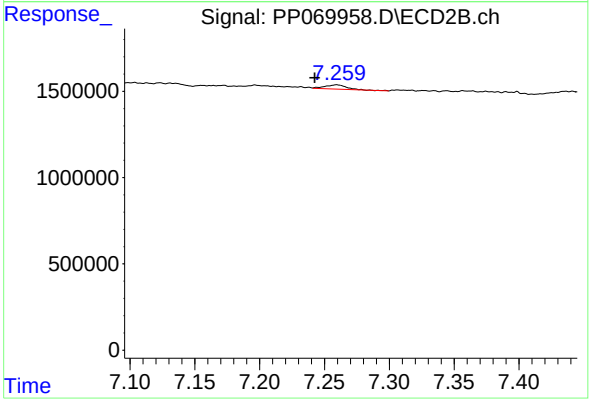
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 740137
Conc: 12.30 ng/ml



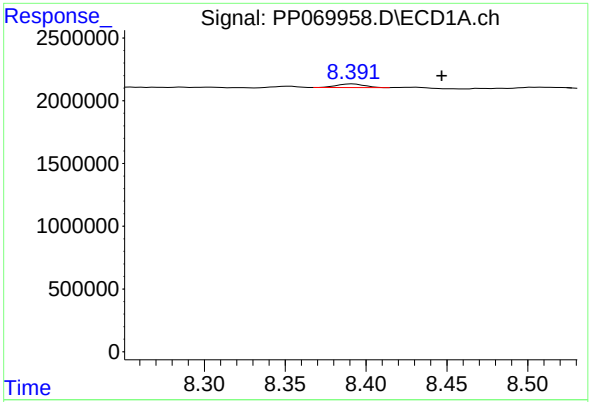
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: -0.036 min
Response: 968791
Conc: 14.68 ng/ml



#34 AR-1260-4

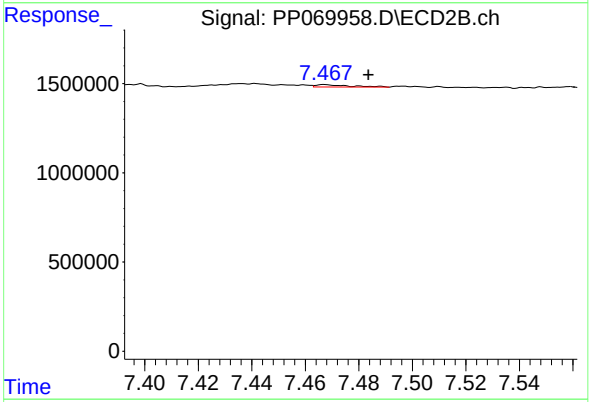
R.T.: 7.259 min
Delta R.T.: 0.017 min
Response: 292868
Conc: 6.30 ng/ml



#35 AR-1260-5

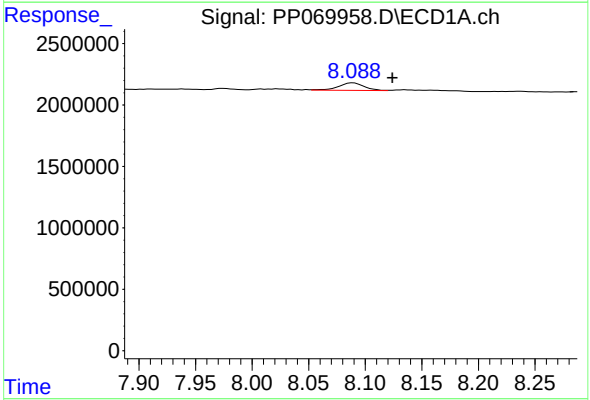
R.T.: 8.392 min
Delta R.T.: -0.055 min
Response: 349955
Conc: 2.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



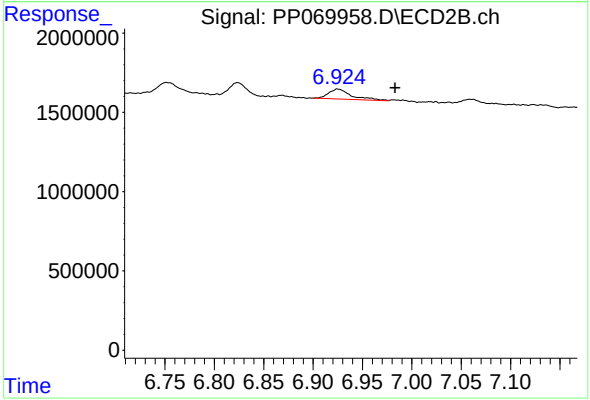
#35 AR-1260-5

R.T.: 7.467 min
Delta R.T.: -0.016 min
Response: 109876
Conc: 0.99 ng/ml



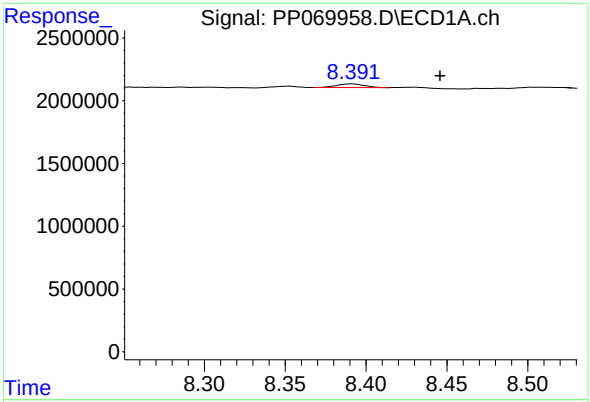
#36 AR-1262-1

R.T.: 8.089 min
Delta R.T.: -0.035 min
Response: 968791
Conc: 12.26 ng/ml



#36 AR-1262-1

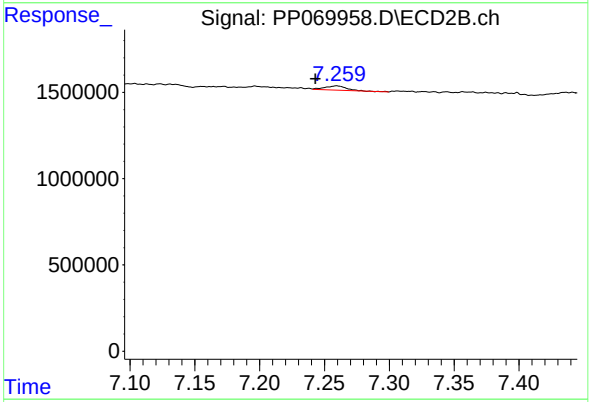
R.T.: 6.925 min
Delta R.T.: -0.058 min
Response: 1013296
Conc: 14.27 ng/ml



#37 AR-1262-2

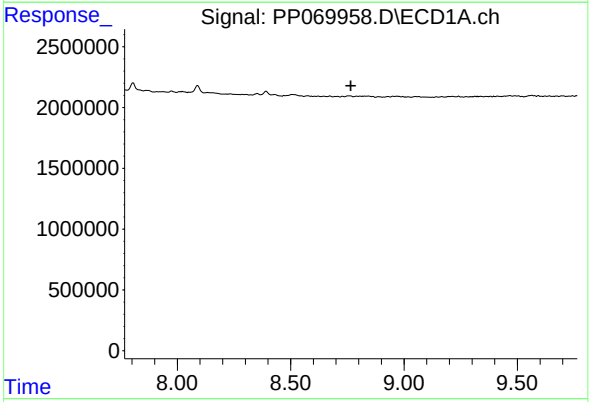
R.T.: 8.392 min
Delta R.T.: -0.054 min
Response: 349955
Conc: 2.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



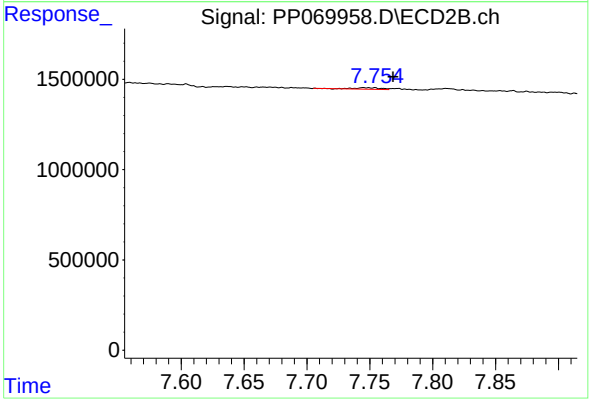
#37 AR-1262-2

R.T.: 7.259 min
Delta R.T.: 0.017 min
Response: 292868
Conc: 4.80 ng/ml



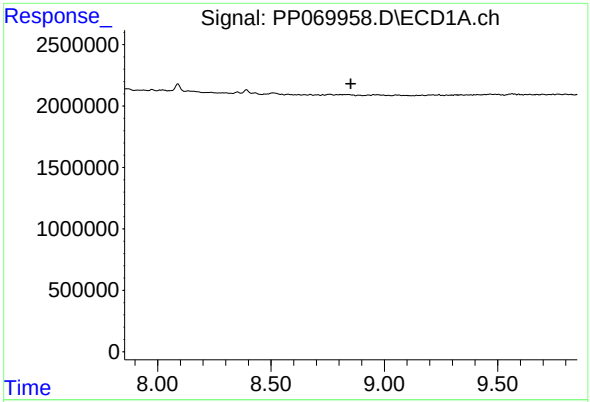
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

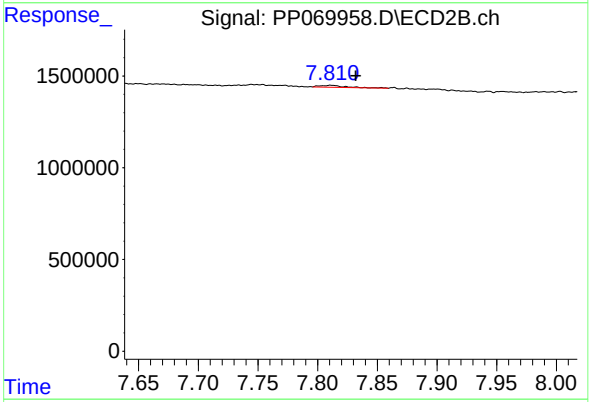
R.T.: 7.754 min
Delta R.T.: -0.015 min
Response: 116139
Conc: 2.22 ng/ml



#39 AR-1262-4

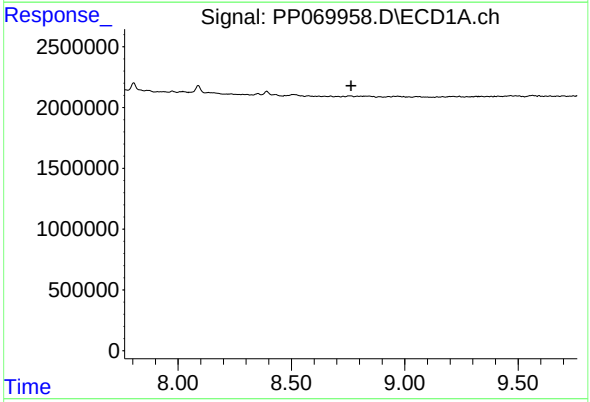
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



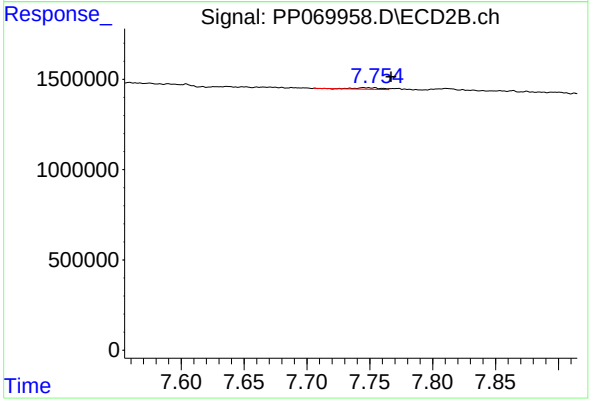
#39 AR-1262-4

R.T.: 7.811 min
Delta R.T.: -0.021 min
Response: 161285
Conc: 1.74 ng/ml



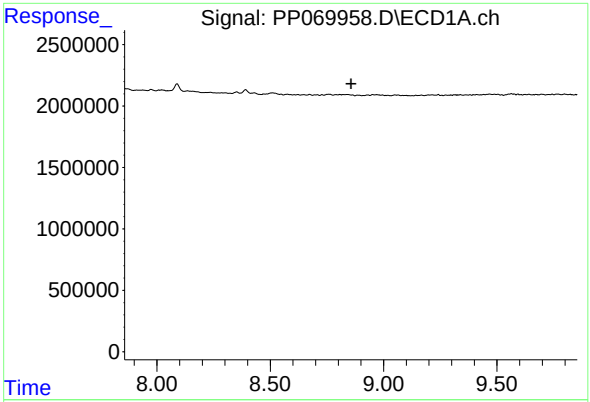
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

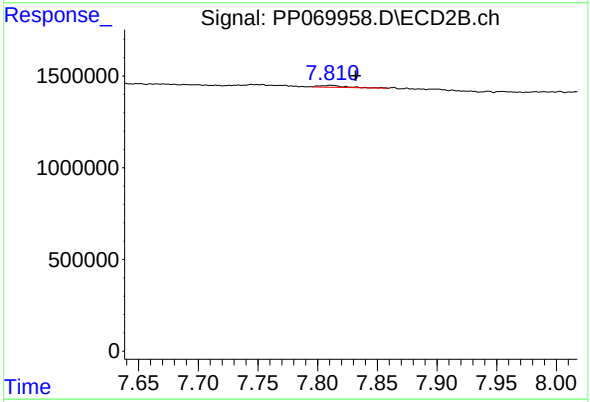
R.T.: 7.754 min
Delta R.T.: -0.013 min
Response: 116139
Conc: 0.80 ng/ml



#42 AR-1268-2

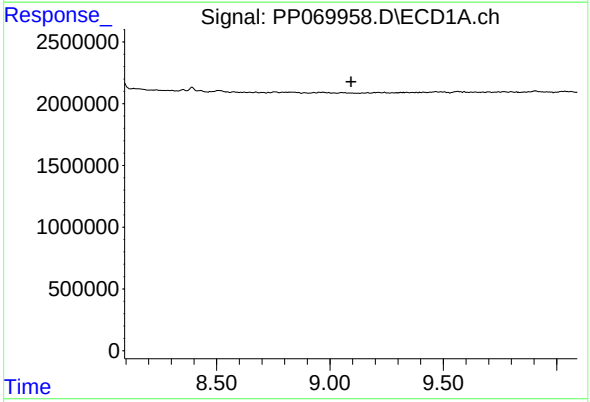
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



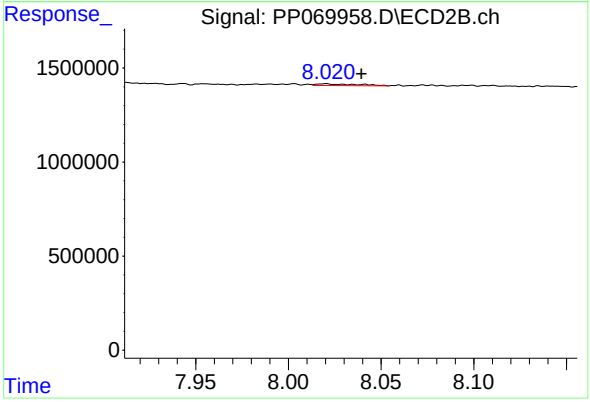
#42 AR-1268-2

R.T.: 7.811 min
Delta R.T.: -0.021 min
Response: 161285
Conc: 1.21 ng/ml



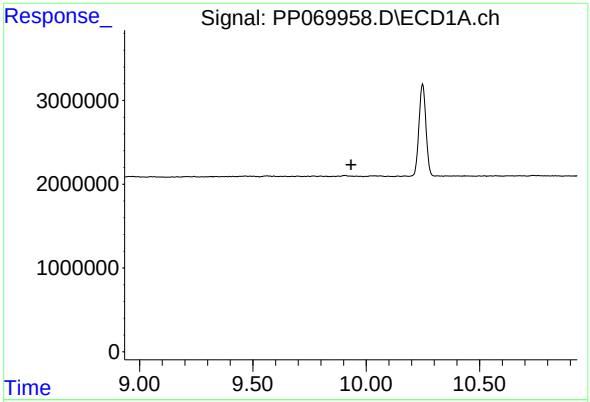
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.



#43 AR-1268-3

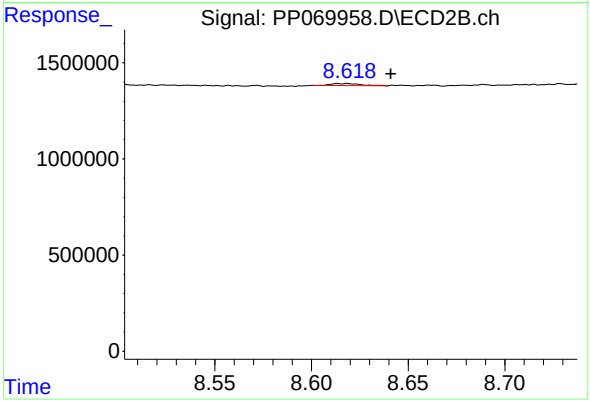
R.T.: 8.020 min
Delta R.T.: -0.019 min
Response: 144072
Conc: 1.27 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-12-021725



#45 AR-1268-5

R.T.: 8.619 min
Delta R.T.: -0.023 min
Response: 107021
Conc: 0.30 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 12:14
Operator : YP\AJ
Sample : Q1383-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:12:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.525	3.829	34980253	20170252	24.436	22.599	
2)	SA Decachlor...	10.251	8.885	23801819	22801681	21.779	20.386	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.942	0	13251	N.D.	0.406	#
4)	L1 AR-1016-2	0.000	4.942	0	13251	N.D.	0.295	#
5)	L1 AR-1016-3	0.000	5.116	0	188740	N.D.	7.585	#
6)	L1 AR-1016-4	0.000	5.167	0	245427	N.D.	12.152	#
7)	L1 AR-1016-5	0.000	5.370	0	976280	N.D.	36.396	#
8)	L2 AR-1221-1	0.000	4.048	0	193036	N.D.	15.671	#
9)	L2 AR-1221-2	4.828	4.131	752540	692290	54.960	71.493	#
10)	L2 AR-1221-3	0.000	4.202	0	191165	N.D.	6.553	#
11)	L3 AR-1232-1	4.828f	4.202	752540	191165	22.603	8.142	#
12)	L3 AR-1232-2	5.381f	4.942	492947	13251	30.164	0.562	#
13)	L3 AR-1232-3	0.000	5.116	0	188740	N.D.	14.578	#
14)	L3 AR-1232-4	0.000	5.200	0	315576	N.D.	28.465	#
15)	L3 AR-1232-5	0.000	5.370	0	976280	N.D.	79.955	#
16)	L4 AR-1242-1	0.000	4.942	0	13251	N.D.	0.460	#
17)	L4 AR-1242-2	0.000	4.942	0	13251	N.D.	0.336	#
18)	L4 AR-1242-3	0.000	5.116	0	188740	N.D.	8.387	#
19)	L4 AR-1242-4	0.000	5.200	0	315576	N.D.	14.622	#
20)	L4 AR-1242-5	0.000	5.725	0	892649	N.D.	31.029	#
21)	L5 AR-1248-1	0.000	4.942	0	13251	N.D.	0.602	#
22)	L5 AR-1248-2	0.000	5.167	0	245427	N.D.	8.163	#
23)	L5 AR-1248-3	0.000	5.200	0	315576	N.D.	10.185	#
24)	L5 AR-1248-4	6.530	5.370	1012905	976280	18.376	26.426	#
25)	L5 AR-1248-5	0.000	5.763	0	373885	N.D.	10.000	#
26)	L6 AR-1254-1	6.530	5.725	1012905	892649	17.505	16.214	
27)	L6 AR-1254-2	0.000	5.876	0	821654	N.D.	16.987	#
28)	L6 AR-1254-3	7.105	6.280	1542040	1912896	18.295	25.204	#
29)	L6 AR-1254-4	7.389	6.588f	725052	657348	10.633	12.826	
30)	L6 AR-1254-5	0.000	6.925	0	827641	N.D.	12.434	#
31)	L7 AR-1260-1	0.000	6.407	0	1109887	N.D.	23.013	#
32)	L7 AR-1260-2	0.000	6.588	0	657348	N.D.	10.723	#
33)	L7 AR-1260-3	0.000	6.754	0	530028	N.D.	8.811	#
34)	L7 AR-1260-4	8.089f	7.262	701227	924935	10.628	19.905	#
35)	L7 AR-1260-5	8.390f	0.000	421205	0	3.217	N.D.	#
36)	L8 AR-1262-1	8.089	6.925f	701227	827641	8.874	11.655	#
37)	L8 AR-1262-2	8.390f	7.262	421205	924935	2.754	15.168	#
45)	L9 AR-1268-5	0.000	8.619	0	146096	N.D.	0.410	#

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725

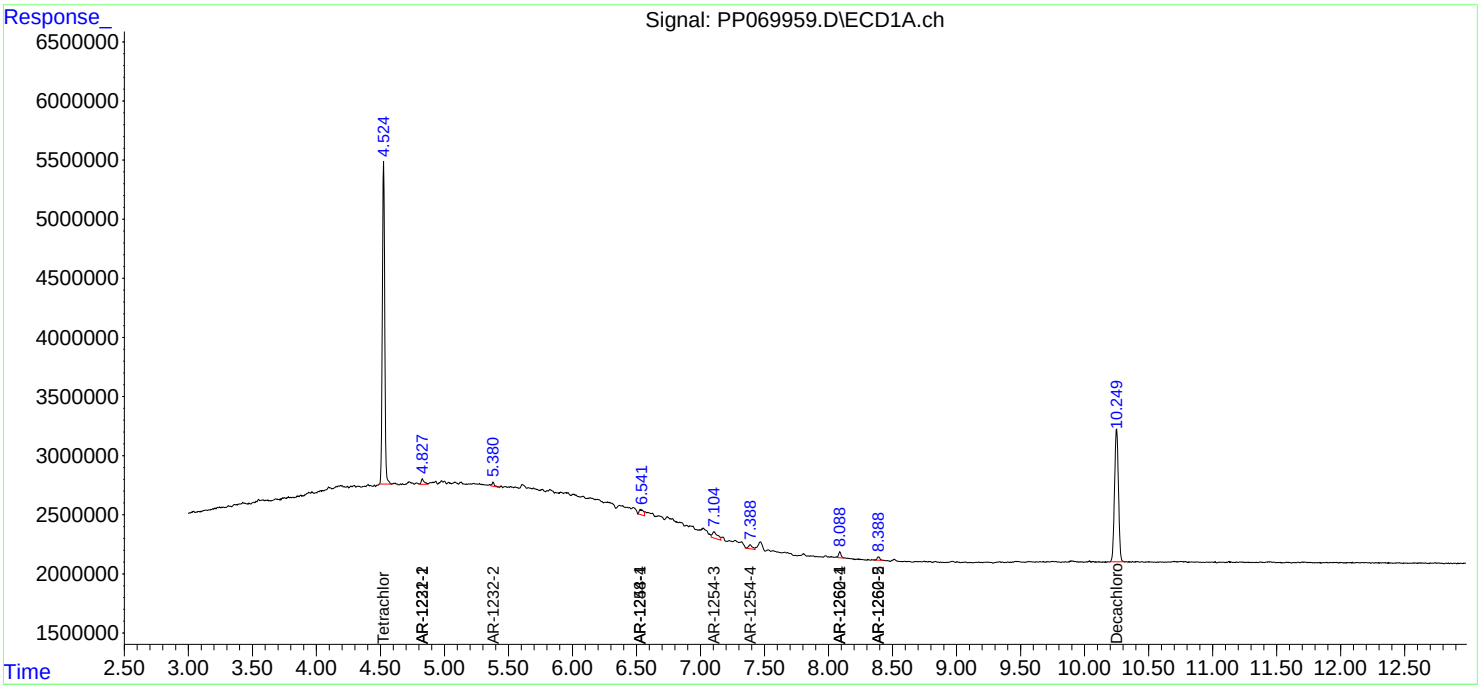
Quantitation Report (Not Reviewed)

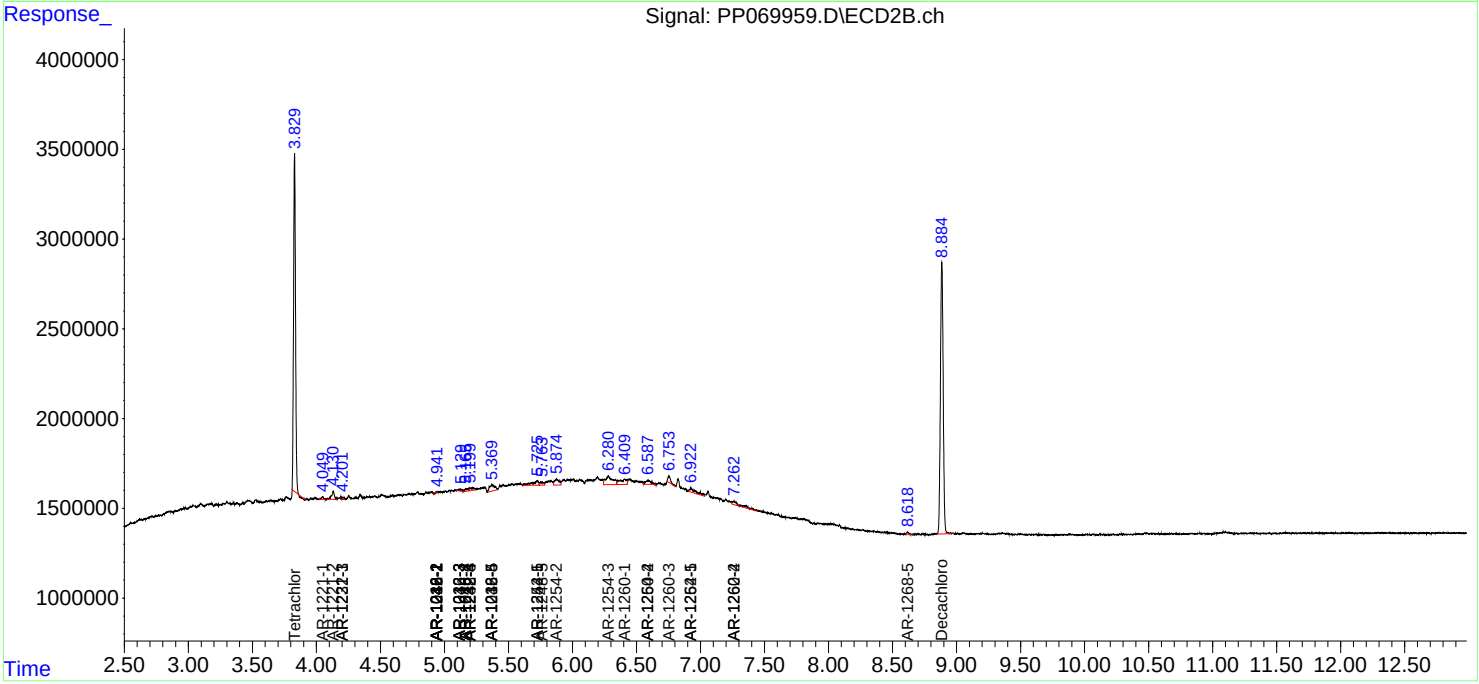
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 12:14
Operator : YP\AJ
Sample : Q1383-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

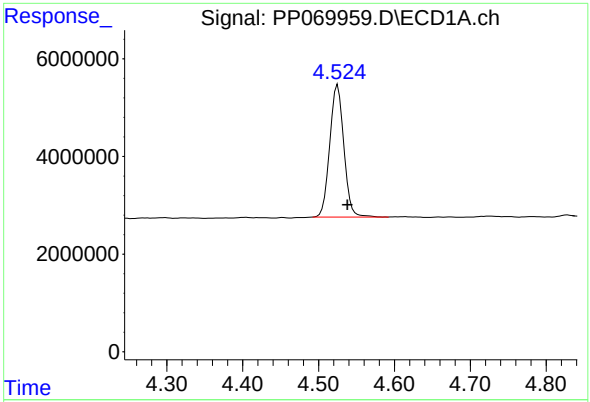
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:12:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



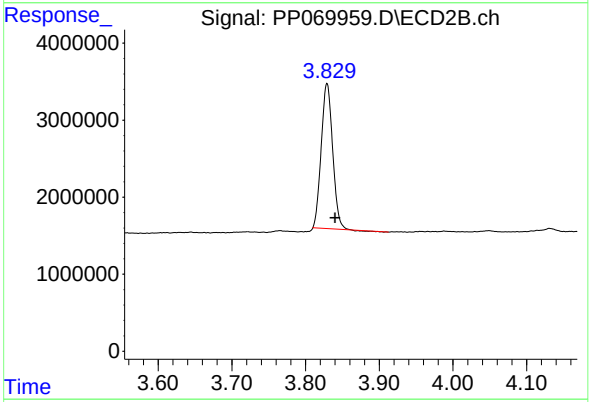




#1 Tetrachloro-m-xylene

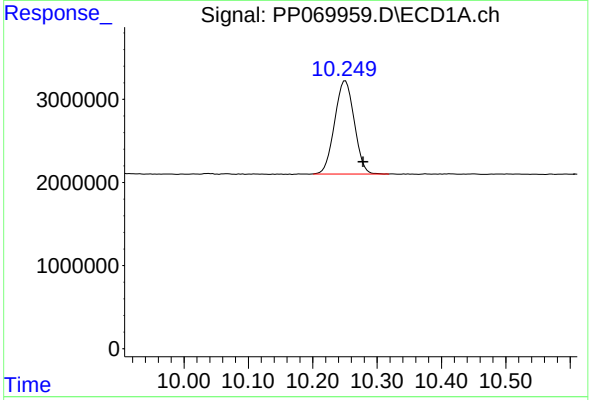
R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 34980253
Conc: 24.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



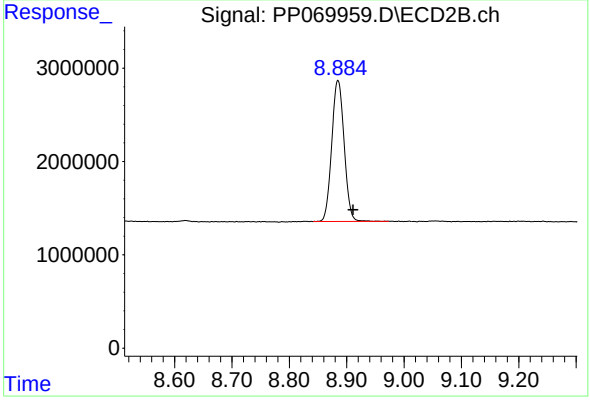
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 20170252
Conc: 22.60 ng/ml



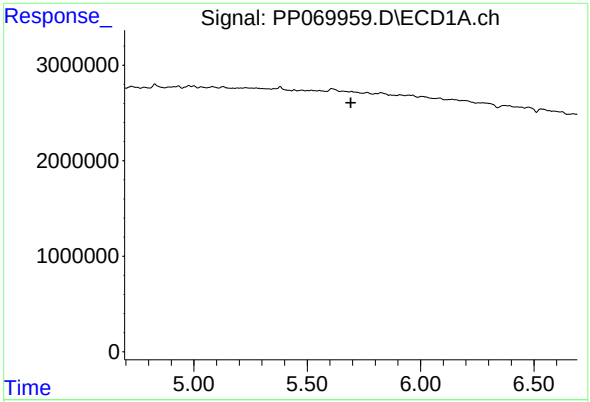
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.028 min
Response: 23801819
Conc: 21.78 ng/ml



#2 Decachlorobiphenyl

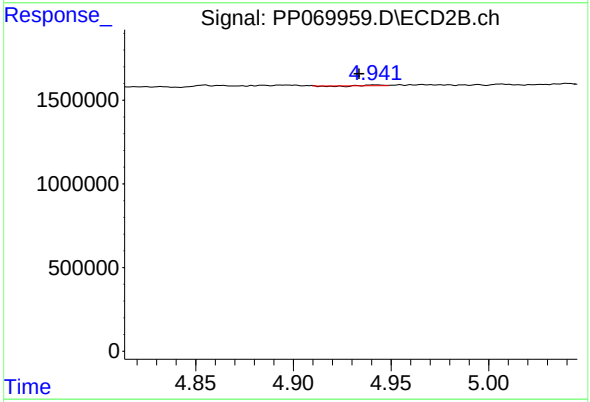
R.T.: 8.885 min
Delta R.T.: -0.026 min
Response: 22801681
Conc: 20.39 ng/ml



#3 AR-1016-1

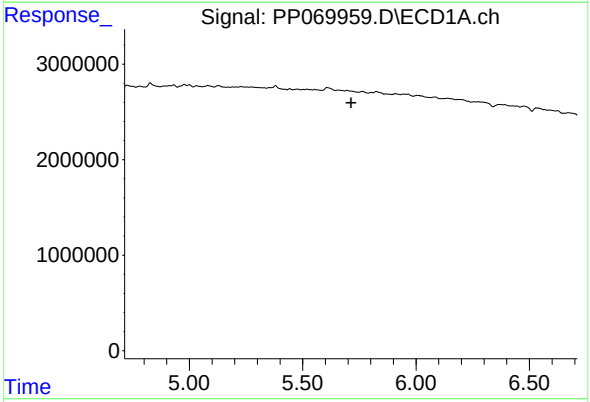
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



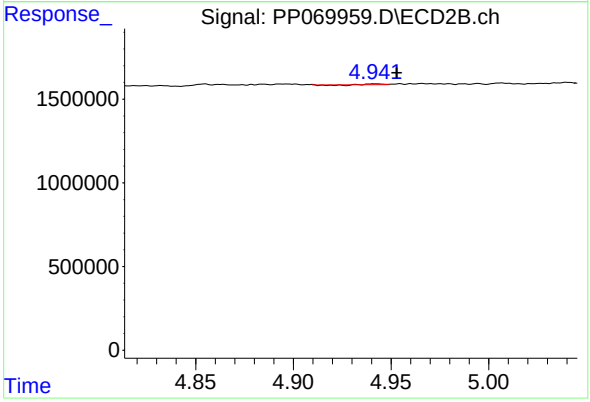
#3 AR-1016-1

R.T.: 4.942 min
Delta R.T.: 0.008 min
Response: 13251
Conc: 0.41 ng/ml



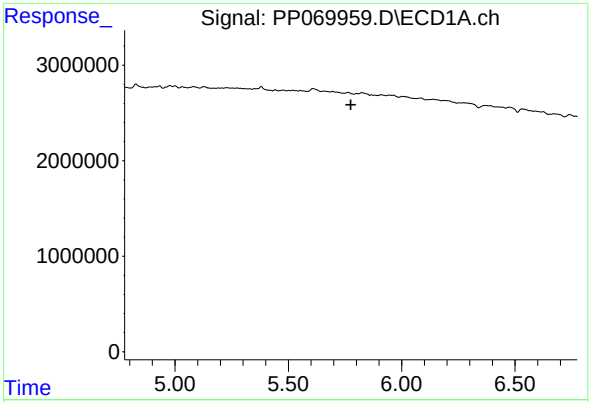
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

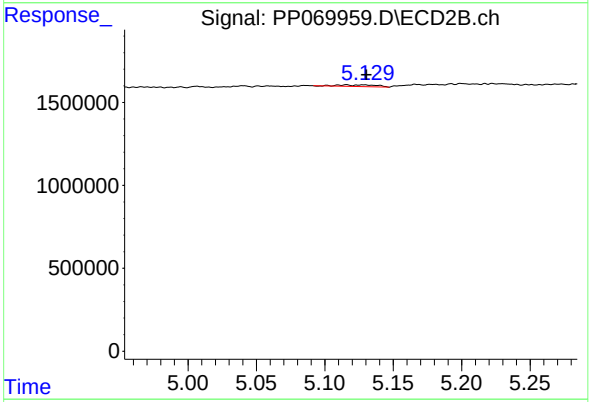
R.T.: 4.942 min
Delta R.T.: -0.011 min
Response: 13251
Conc: 0.29 ng/ml



#5 AR-1016-3

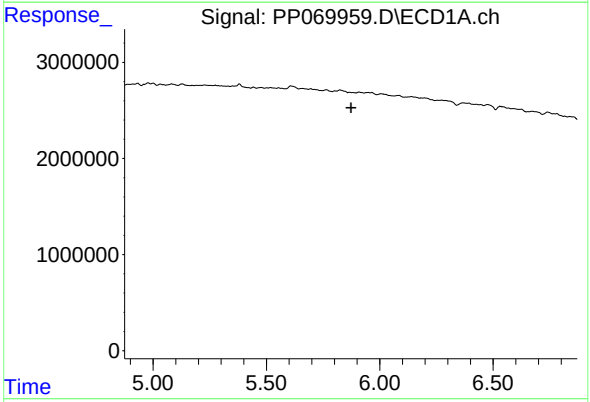
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



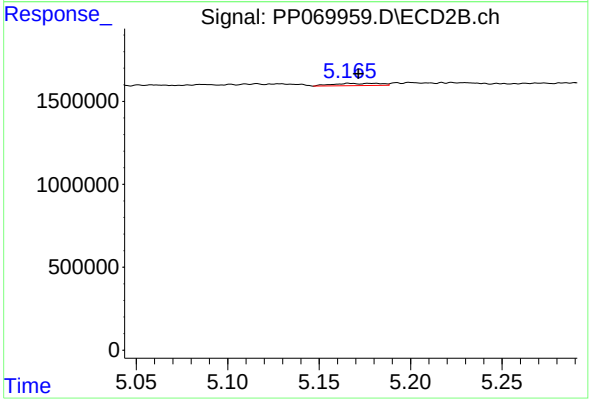
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 188740
Conc: 7.58 ng/ml



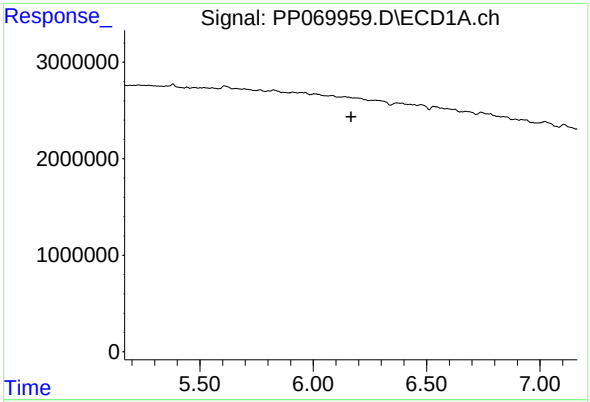
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

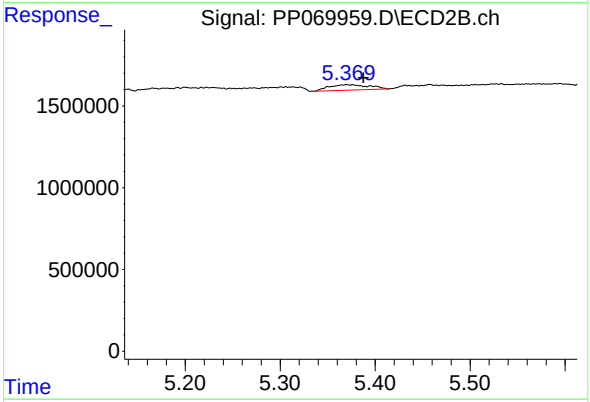
R.T.: 5.167 min
Delta R.T.: -0.005 min
Response: 245427
Conc: 12.15 ng/ml



#7 AR-1016-5

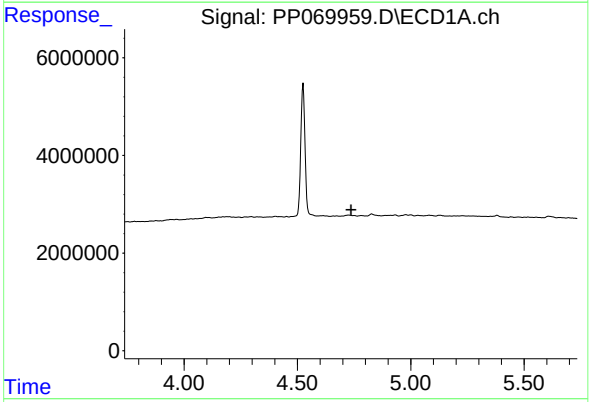
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



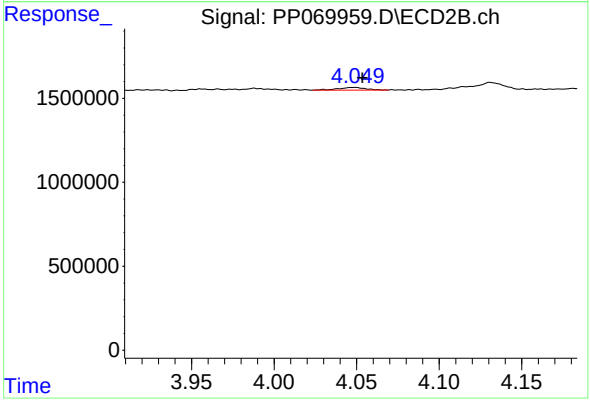
#7 AR-1016-5

R.T.: 5.370 min
Delta R.T.: -0.018 min
Response: 976280
Conc: 36.40 ng/ml



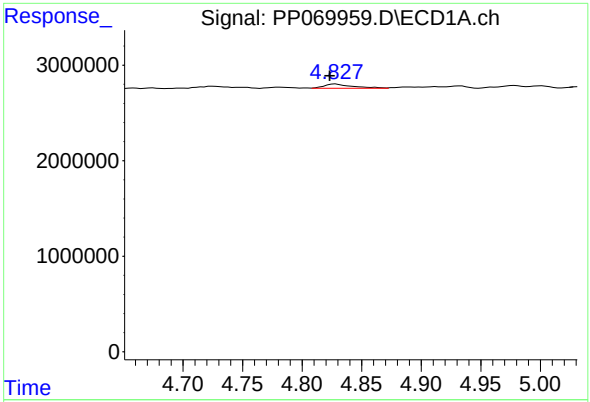
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

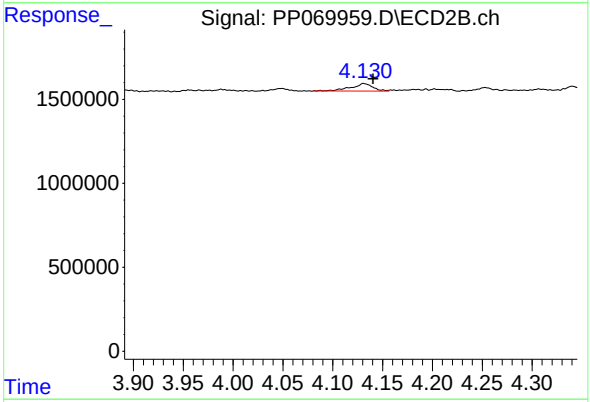
R.T.: 4.048 min
Delta R.T.: -0.005 min
Response: 193036
Conc: 15.67 ng/ml



#9 AR-1221-2

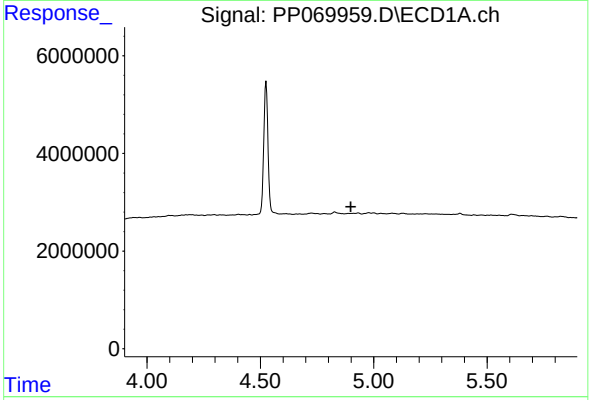
R.T.: 4.828 min
Delta R.T.: 0.005 min
Response: 752540
Conc: 54.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



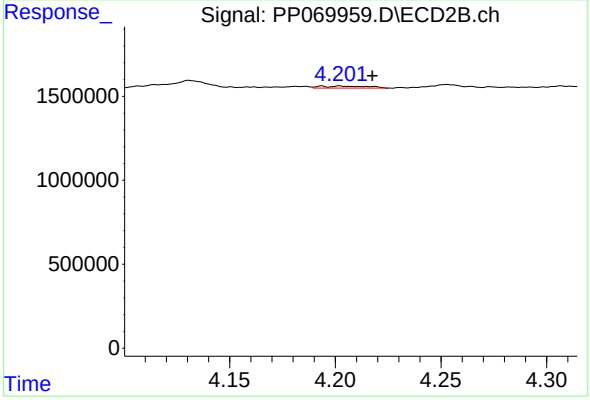
#9 AR-1221-2

R.T.: 4.131 min
Delta R.T.: -0.009 min
Response: 692290
Conc: 71.49 ng/ml



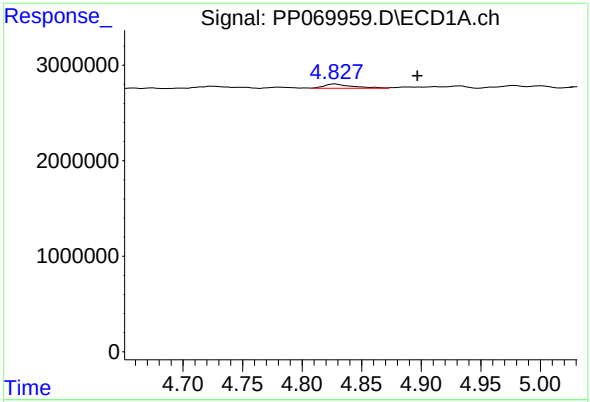
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

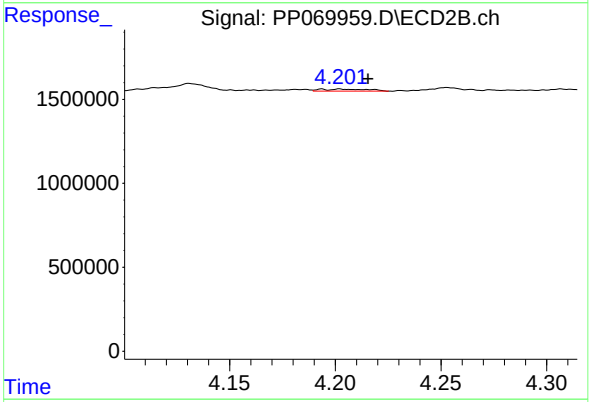
R.T.: 4.202 min
Delta R.T.: -0.015 min
Response: 191165
Conc: 6.55 ng/ml



#11 AR-1232-1

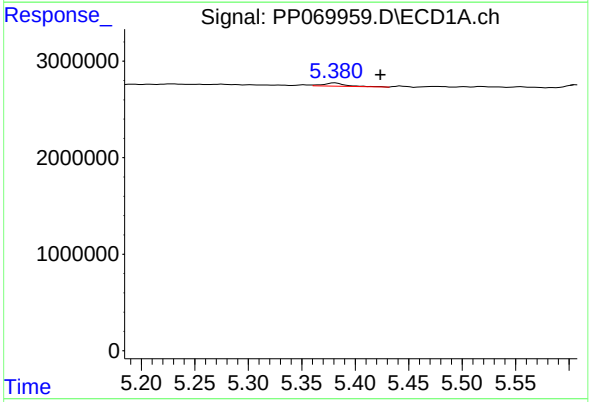
R.T.: 4.828 min
Delta R.T.: -0.069 min
Response: 752540
Conc: 22.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



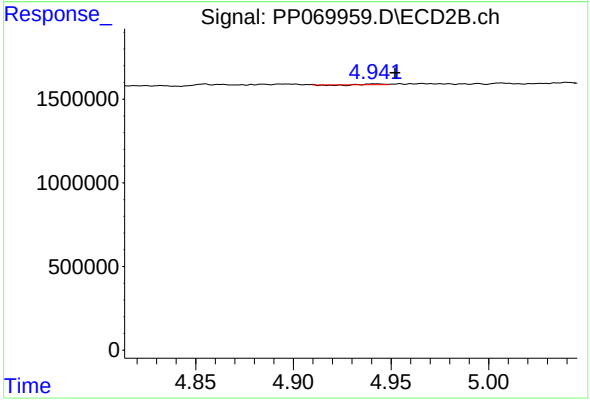
#11 AR-1232-1

R.T.: 4.202 min
Delta R.T.: -0.013 min
Response: 191165
Conc: 8.14 ng/ml



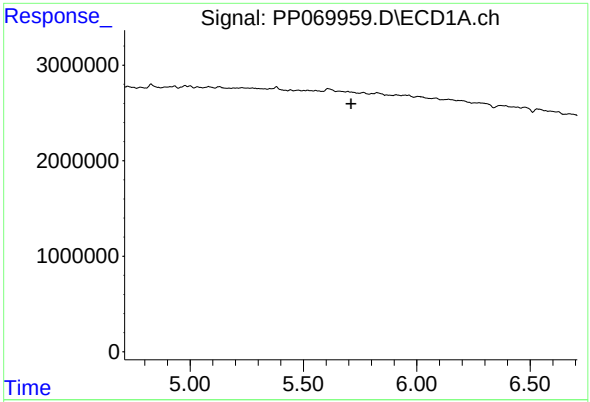
#12 AR-1232-2

R.T.: 5.381 min
Delta R.T.: -0.043 min
Response: 492947
Conc: 30.16 ng/ml



#12 AR-1232-2

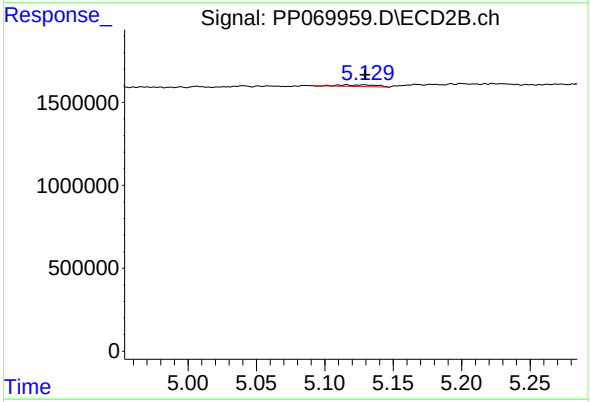
R.T.: 4.942 min
Delta R.T.: -0.010 min
Response: 13251
Conc: 0.56 ng/ml



#13 AR-1232-3

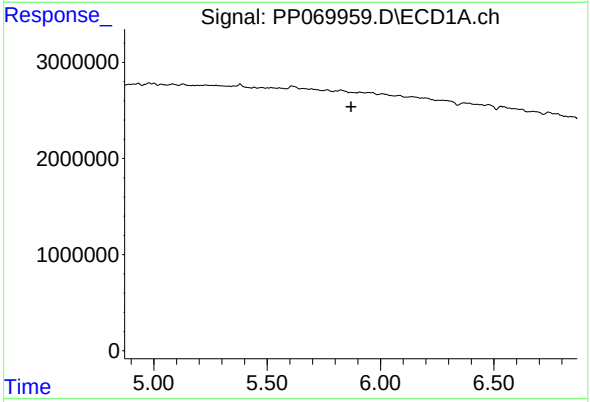
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



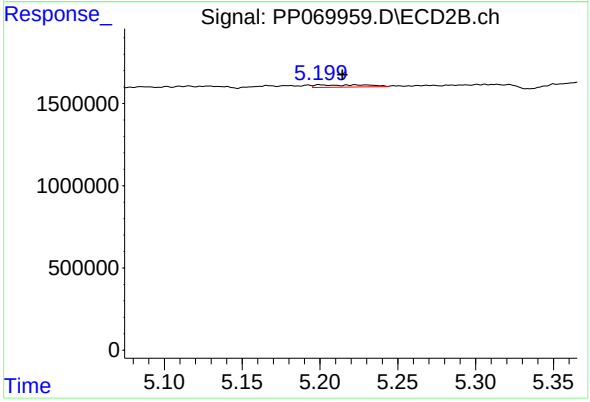
#13 AR-1232-3

R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 188740
Conc: 14.58 ng/ml



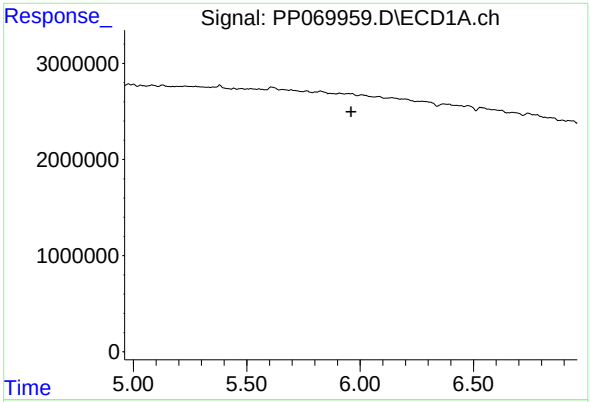
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

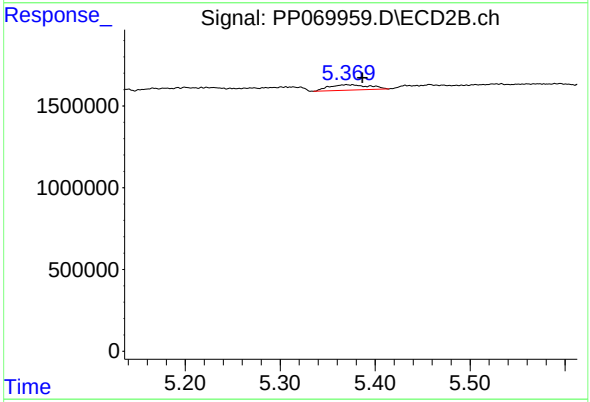
R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 315576
Conc: 28.47 ng/ml



#15 AR-1232-5

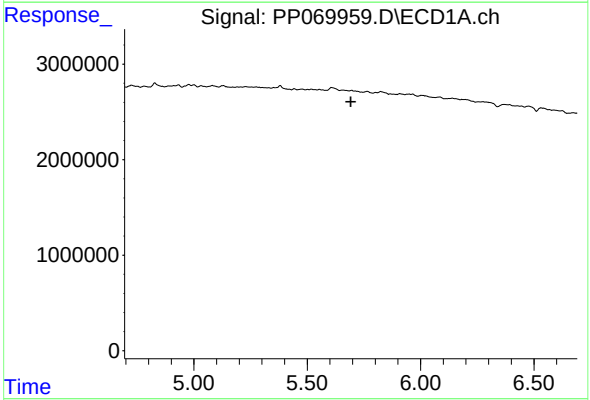
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



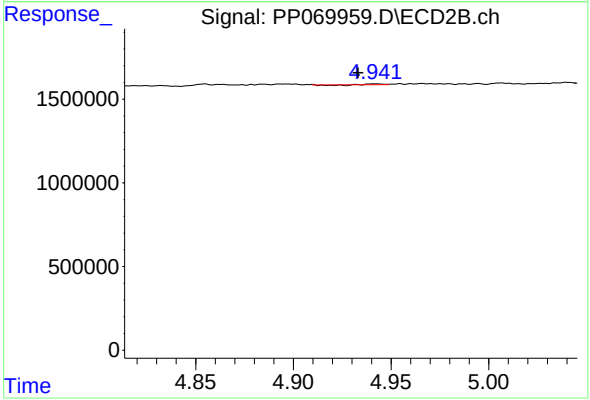
#15 AR-1232-5

R.T.: 5.370 min
Delta R.T.: -0.017 min
Response: 976280
Conc: 79.96 ng/ml



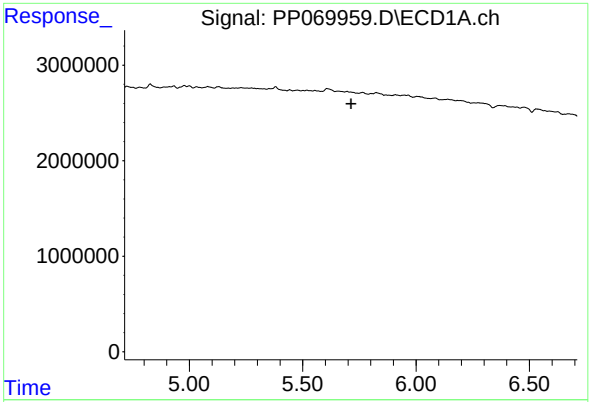
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

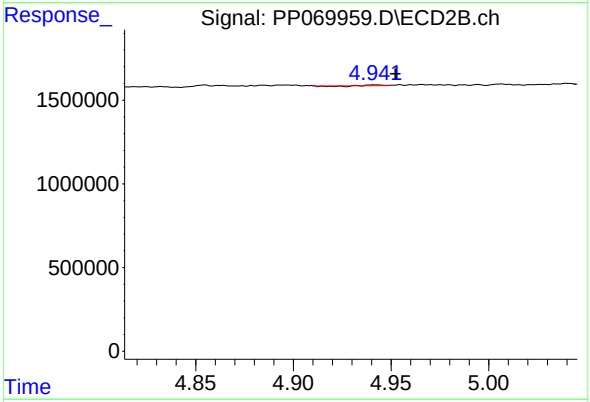
R.T.: 4.942 min
Delta R.T.: 0.009 min
Response: 13251
Conc: 0.46 ng/ml



#17 AR-1242-2

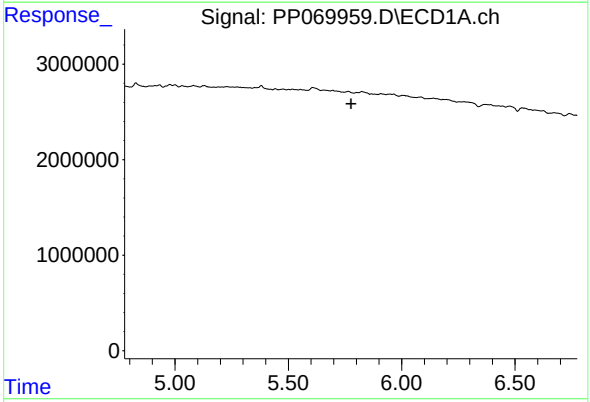
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



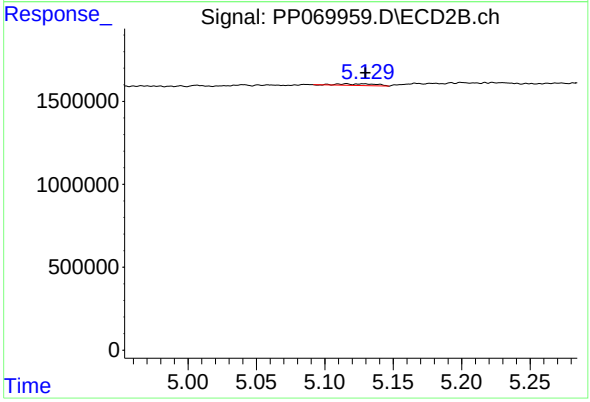
#17 AR-1242-2

R.T.: 4.942 min
Delta R.T.: -0.010 min
Response: 13251
Conc: 0.34 ng/ml



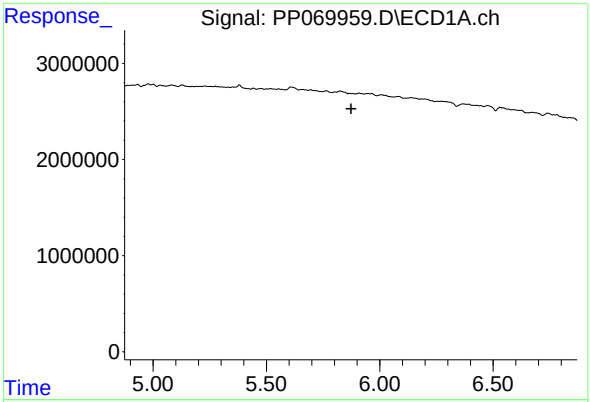
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

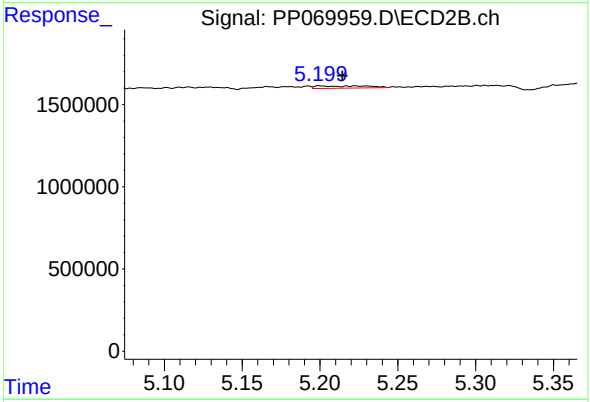
R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 188740
Conc: 8.39 ng/ml



#19 AR-1242-4

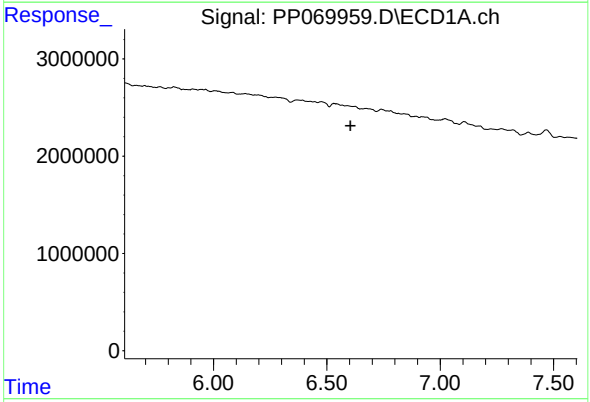
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



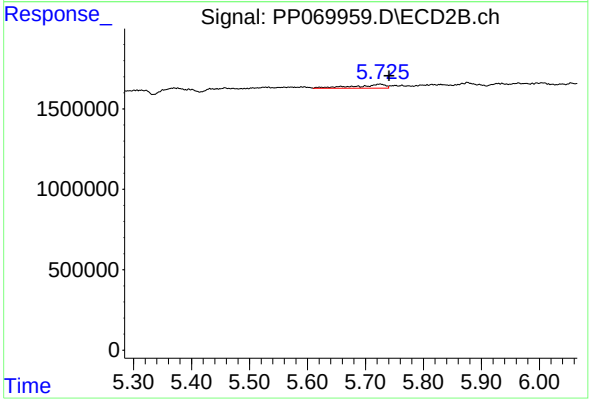
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 315576
Conc: 14.62 ng/ml



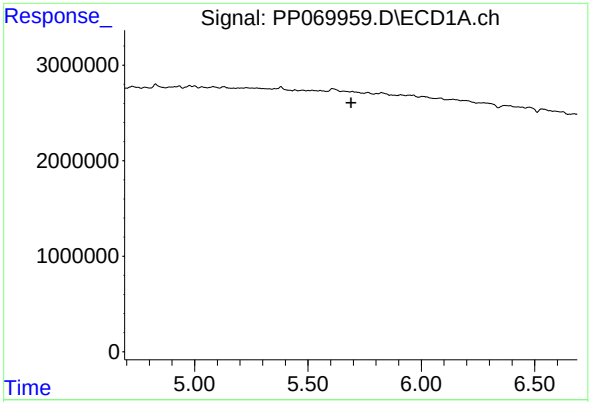
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

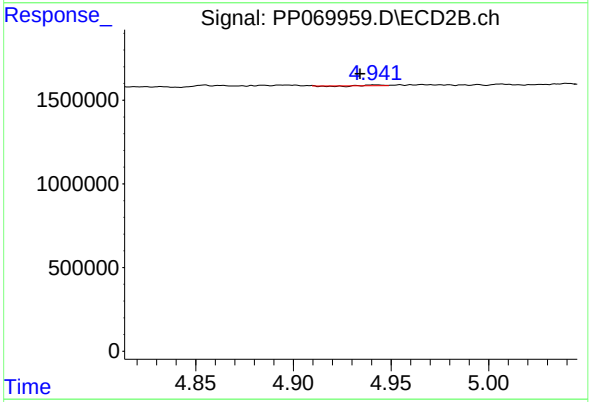
R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 892649
Conc: 31.03 ng/ml



#21 AR-1248-1

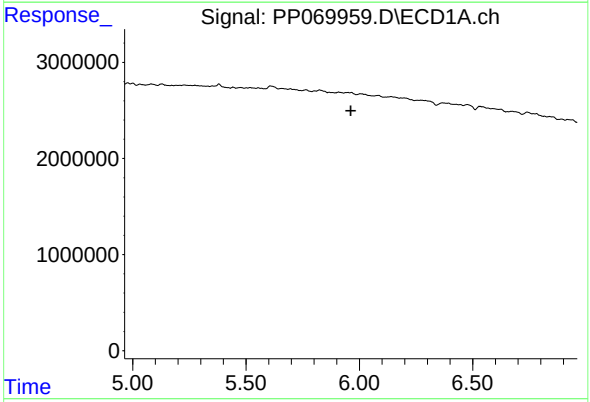
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



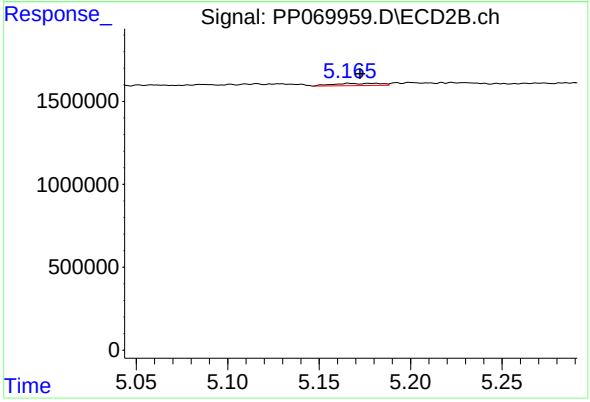
#21 AR-1248-1

R.T.: 4.942 min
Delta R.T.: 0.008 min
Response: 13251
Conc: 0.60 ng/ml



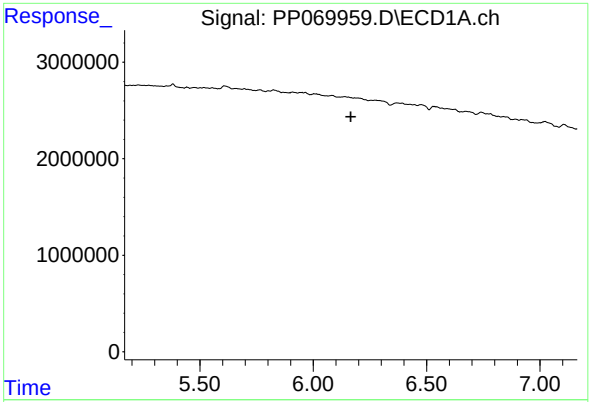
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

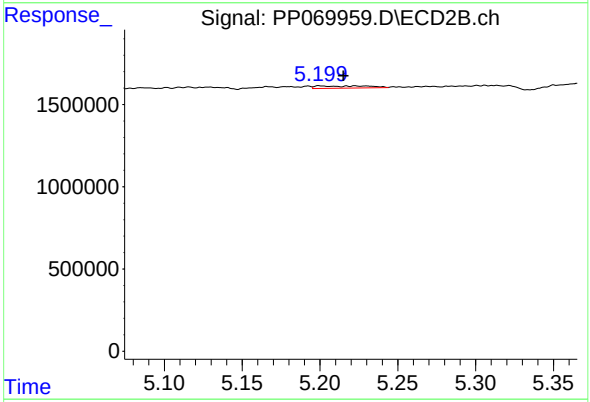
R.T.: 5.167 min
Delta R.T.: -0.006 min
Response: 245427
Conc: 8.16 ng/ml



#23 AR-1248-3

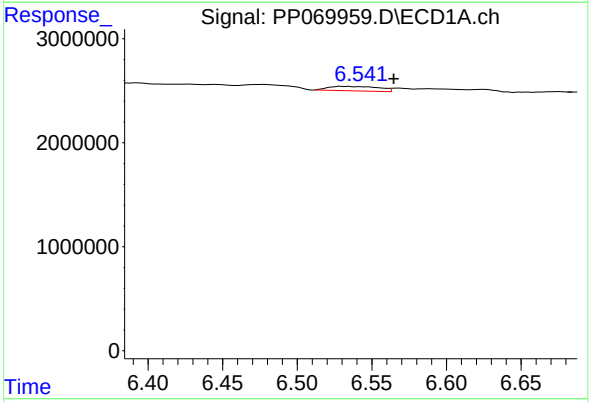
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



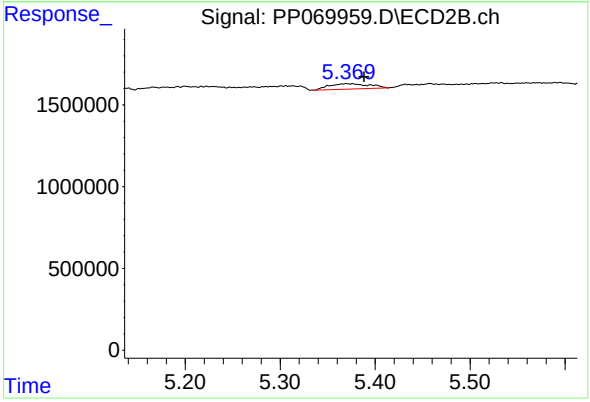
#23 AR-1248-3

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 315576
Conc: 10.19 ng/ml



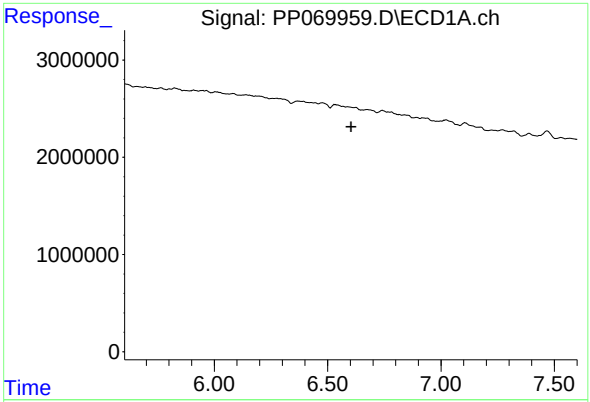
#24 AR-1248-4

R.T.: 6.530 min
Delta R.T.: -0.035 min
Response: 1012905
Conc: 18.38 ng/ml



#24 AR-1248-4

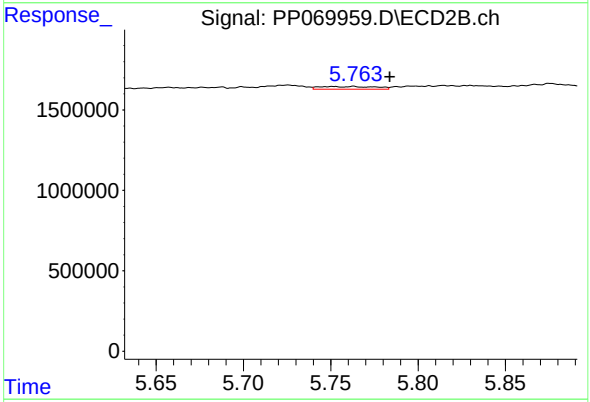
R.T.: 5.370 min
Delta R.T.: -0.018 min
Response: 976280
Conc: 26.43 ng/ml



#25 AR-1248-5

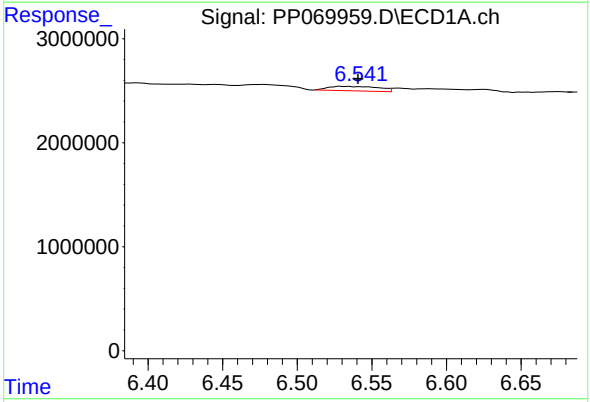
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



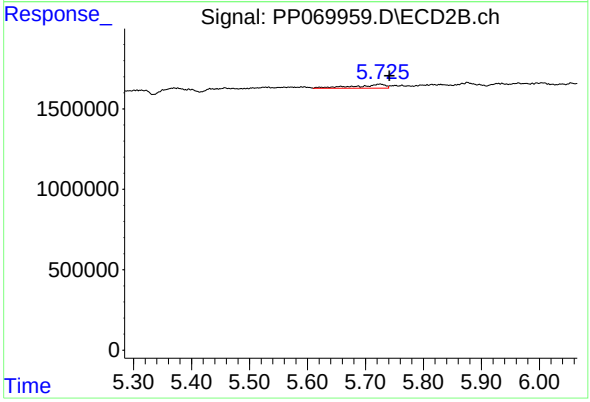
#25 AR-1248-5

R.T.: 5.763 min
Delta R.T.: -0.021 min
Response: 373885
Conc: 10.00 ng/ml



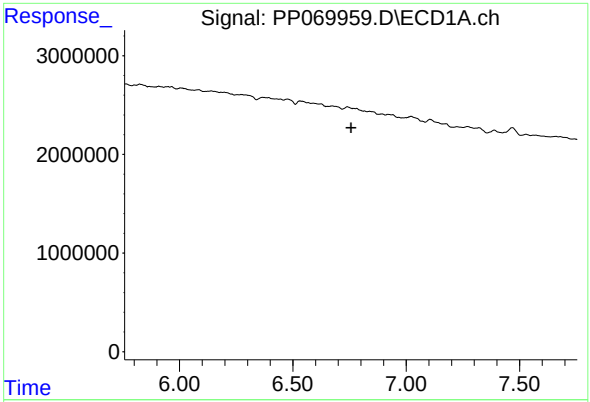
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.011 min
Response: 1012905
Conc: 17.51 ng/ml



#26 AR-1254-1

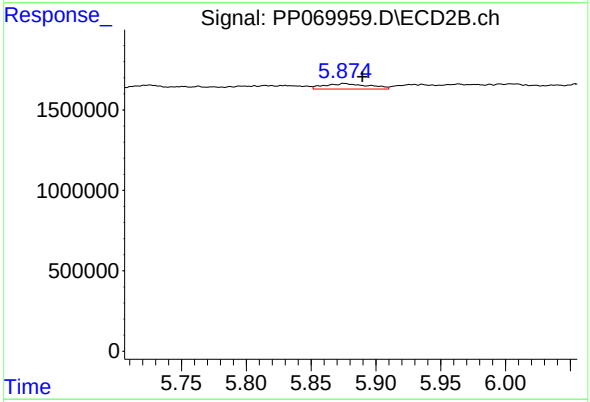
R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 892649
Conc: 16.21 ng/ml



#27 AR-1254-2

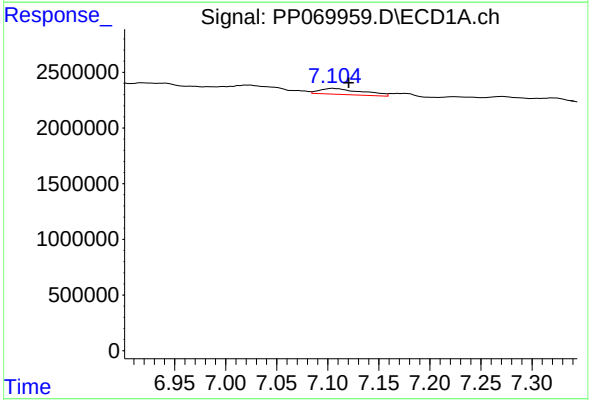
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



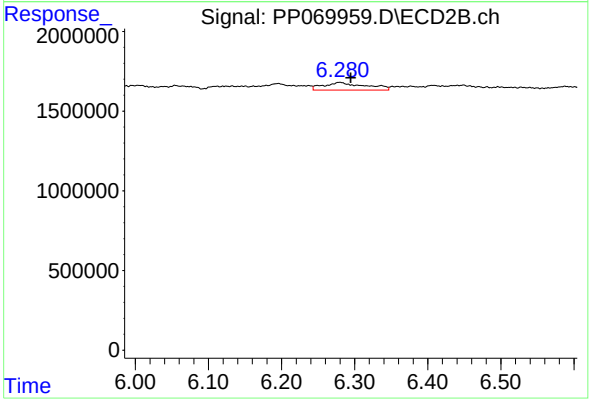
#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 821654
Conc: 16.99 ng/ml



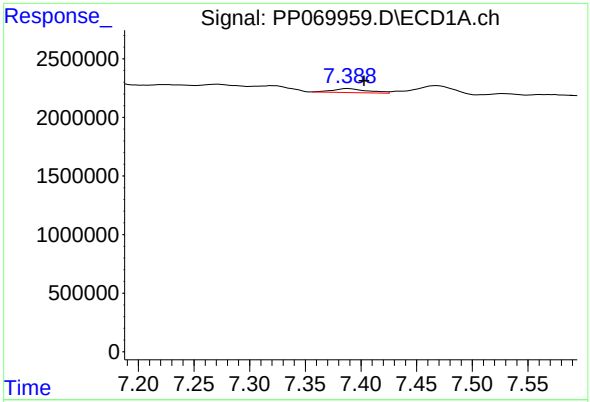
#28 AR-1254-3

R.T.: 7.105 min
Delta R.T.: -0.015 min
Response: 1542040
Conc: 18.29 ng/ml



#28 AR-1254-3

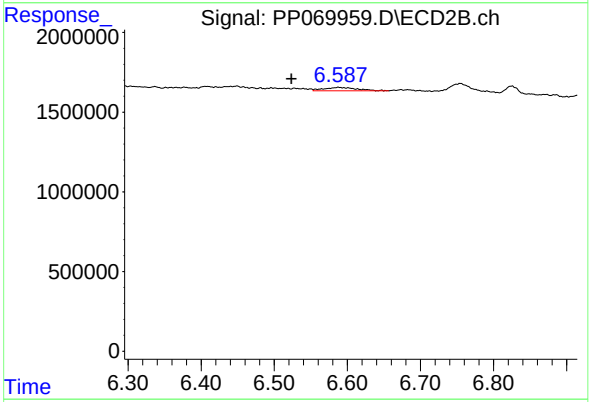
R.T.: 6.280 min
Delta R.T.: -0.015 min
Response: 1912896
Conc: 25.20 ng/ml



#29 AR-1254-4

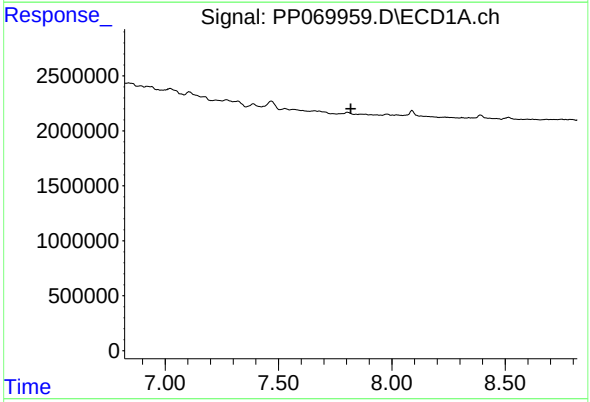
R.T.: 7.389 min
Delta R.T.: -0.014 min
Response: 725052
Conc: 10.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



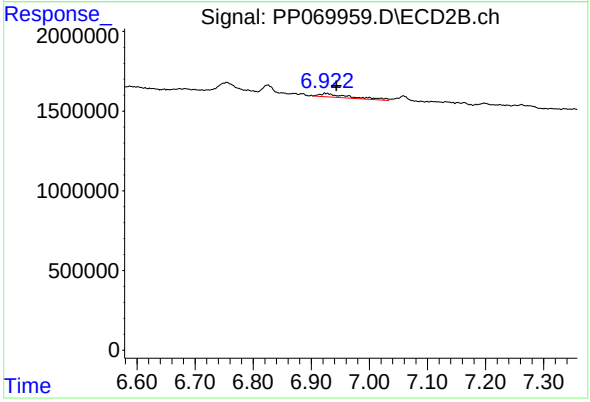
#29 AR-1254-4

R.T.: 6.588 min
Delta R.T.: 0.064 min
Response: 657348
Conc: 12.83 ng/ml



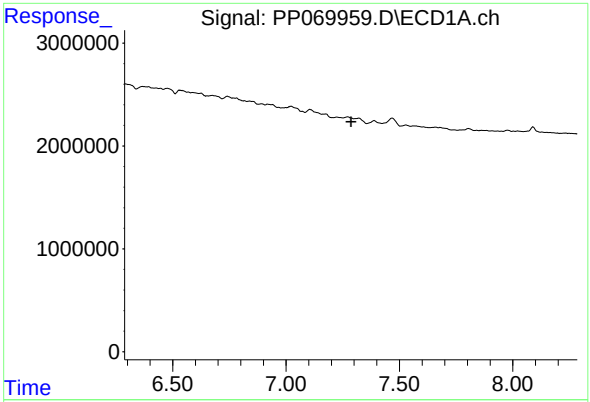
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.820 min
Response: 0
Conc: N.D.



#30 AR-1254-5

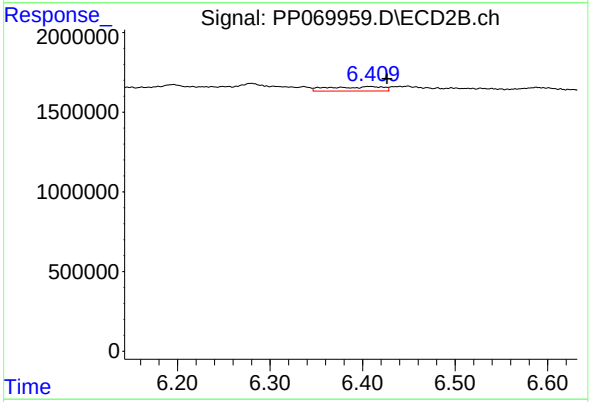
R.T.: 6.925 min
Delta R.T.: -0.018 min
Response: 827641
Conc: 12.43 ng/ml



#31 AR-1260-1

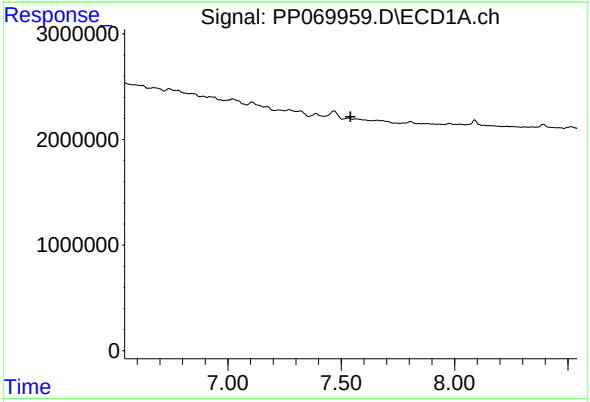
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



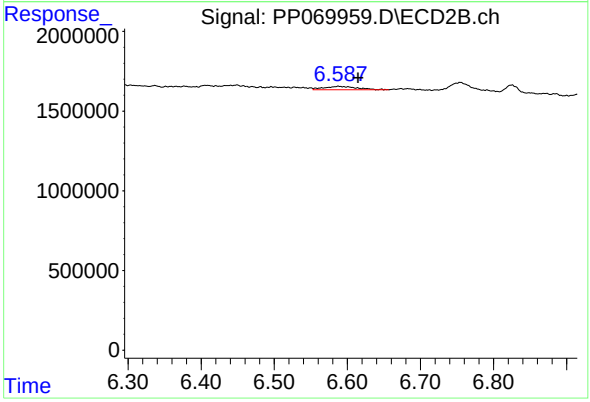
#31 AR-1260-1

R.T.: 6.407 min
Delta R.T.: -0.019 min
Response: 1109887
Conc: 23.01 ng/ml



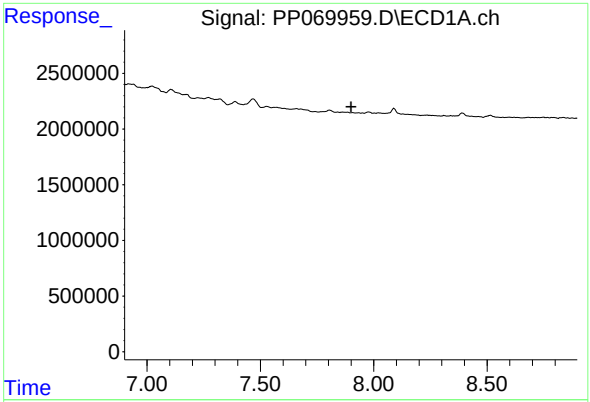
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#32 AR-1260-2

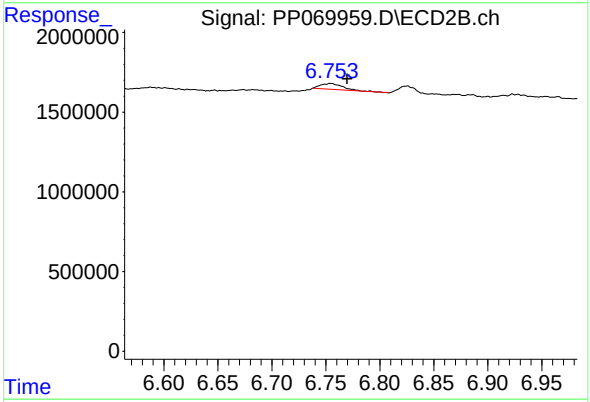
R.T.: 6.588 min
Delta R.T.: -0.027 min
Response: 657348
Conc: 10.72 ng/ml



#33 AR-1260-3

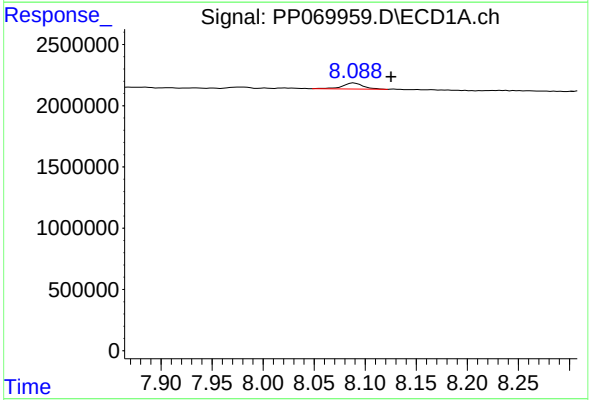
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



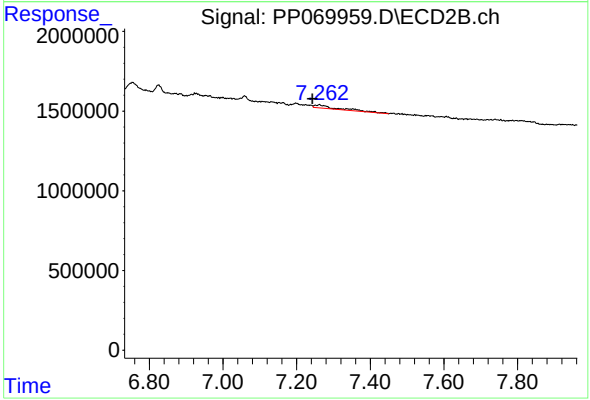
#33 AR-1260-3

R.T.: 6.754 min
Delta R.T.: -0.016 min
Response: 530028
Conc: 8.81 ng/ml



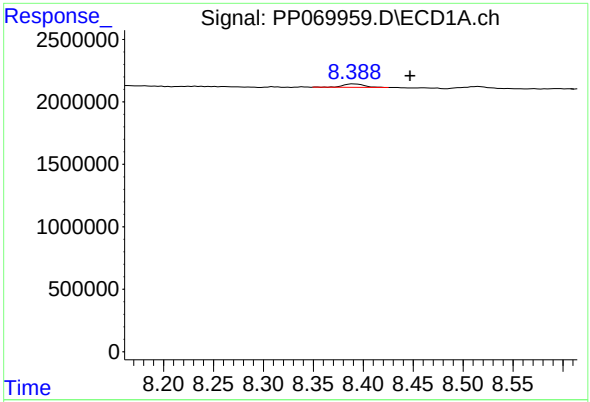
#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: -0.036 min
Response: 701227
Conc: 10.63 ng/ml



#34 AR-1260-4

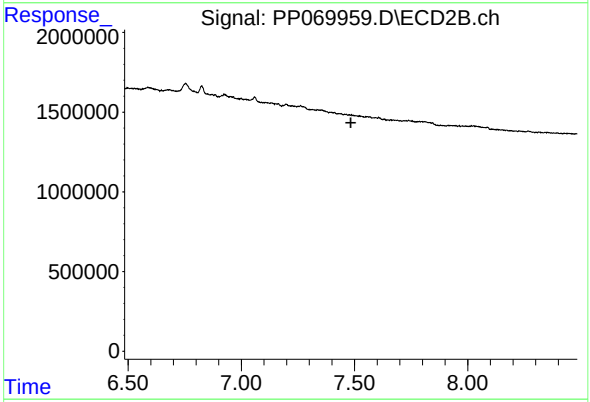
R.T.: 7.262 min
Delta R.T.: 0.019 min
Response: 924935
Conc: 19.90 ng/ml



#35 AR-1260-5

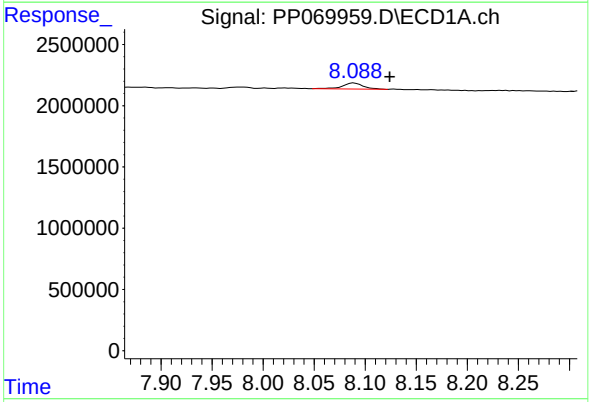
R.T.: 8.390 min
Delta R.T.: -0.057 min
Response: 421205
Conc: 3.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



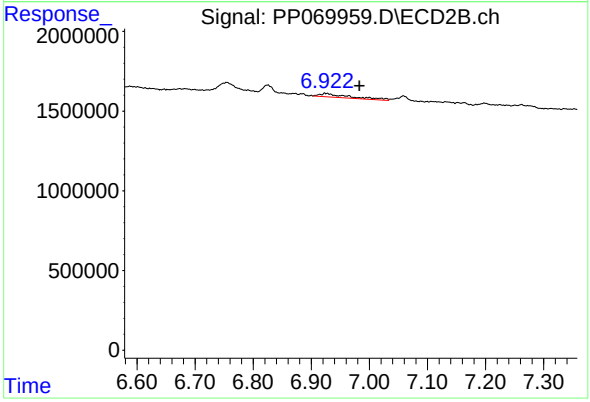
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.484 min
Response: 0
Conc: N.D.



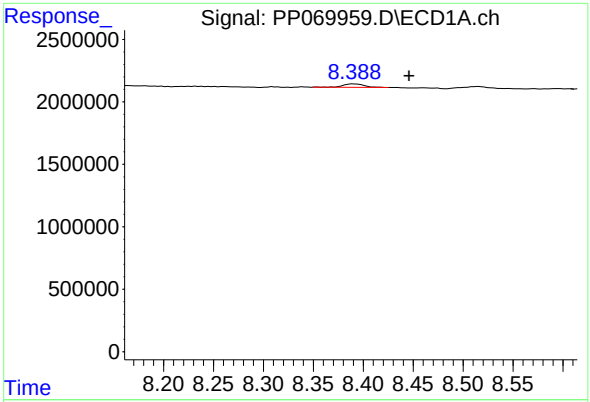
#36 AR-1262-1

R.T.: 8.089 min
Delta R.T.: -0.035 min
Response: 701227
Conc: 8.87 ng/ml



#36 AR-1262-1

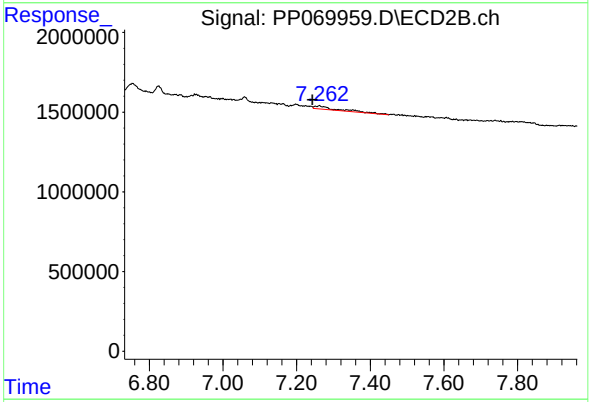
R.T.: 6.925 min
Delta R.T.: -0.058 min
Response: 827641
Conc: 11.65 ng/ml



#37 AR-1262-2

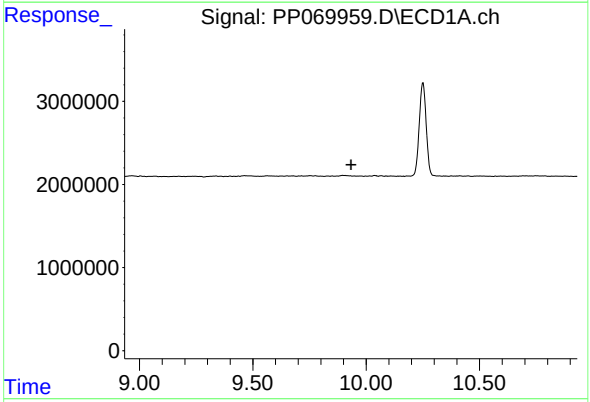
R.T.: 8.390 min
Delta R.T.: -0.056 min
Response: 421205
Conc: 2.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-13-021725



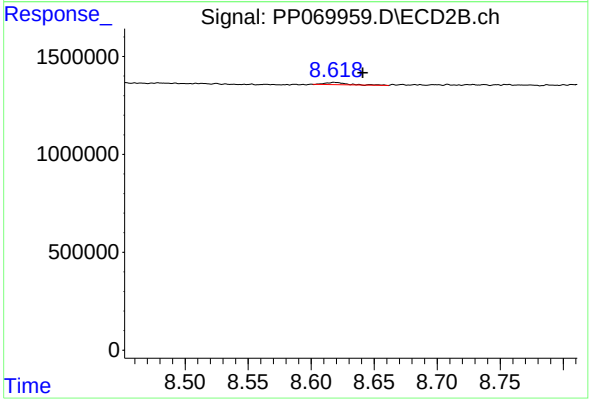
#37 AR-1262-2

R.T.: 7.262 min
Delta R.T.: 0.019 min
Response: 924935
Conc: 15.17 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.619 min
Delta R.T.: -0.022 min
Response: 146096
Conc: 0.41 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 12:31
Operator : YP\AJ
Sample : Q1383-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:13:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.829	36622535	21659760	25.584	24.268	
2)	SA Decachlor...	10.248	8.885	25354162	25497736	23.199	22.797	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.952	0	213932	N.D.	6.559	#
4)	L1 AR-1016-2	0.000	4.952	0	213932	N.D.	4.758	#
5)	L1 AR-1016-3	0.000	5.134	0	65487	N.D.	2.632	#
6)	L1 AR-1016-4	0.000	5.181	0	69200	N.D.	3.426	#
7)	L1 AR-1016-5	0.000	5.391	0	246065	N.D.	9.173	#
8)	L2 AR-1221-1	0.000	4.047	0	205489	N.D.	16.682	#
9)	L2 AR-1221-2	4.825	4.133	889669	477392	64.975	49.300	
10)	L2 AR-1221-3	0.000	4.194	0	78505	N.D.	2.691	#
11)	L3 AR-1232-1	0.000	4.194	0	78505	N.D.	3.344	#
12)	L3 AR-1232-2	5.378f	4.952	579387	213932	35.454	9.076	#
13)	L3 AR-1232-3	0.000	5.134	0	65487	N.D.	5.058	#
14)	L3 AR-1232-4	0.000	5.210	0	169725	N.D.	15.309	#
15)	L3 AR-1232-5	0.000	5.391	0	246065	N.D.	20.152	#
16)	L4 AR-1242-1	0.000	4.952	0	213932	N.D.	7.420	#
17)	L4 AR-1242-2	0.000	4.952	0	213932	N.D.	5.430	#
18)	L4 AR-1242-3	0.000	5.134	0	65487	N.D.	2.910	#
19)	L4 AR-1242-4	0.000	5.210	0	169725	N.D.	7.864	#
20)	L4 AR-1242-5	0.000	5.726	0	768185	N.D.	26.702	#
21)	L5 AR-1248-1	0.000	4.952	0	213932	N.D.	9.720	#
22)	L5 AR-1248-2	0.000	5.181	0	69200	N.D.	2.302	#
23)	L5 AR-1248-3	0.000	5.210	0	169725	N.D.	5.478	#
24)	L5 AR-1248-4	6.528f	5.391	1121457	246065	20.345	6.661	#
25)	L5 AR-1248-5	0.000	5.758	0	352320	N.D.	9.423	#
26)	L6 AR-1254-1	6.528	5.726	1121457	768185	19.381	13.953	#
27)	L6 AR-1254-2	6.741	5.876	1587694	955028	19.786	19.745	
28)	L6 AR-1254-3	7.104	6.279	1451874	1512129	17.225	19.924	
29)	L6 AR-1254-4	7.386	6.506	882050	678008	12.936	13.230	
30)	L6 AR-1254-5	7.802	6.927	549263	953397	8.072	14.324	#
31)	L7 AR-1260-1	0.000	6.414	0	904530	N.D.	18.755	#
32)	L7 AR-1260-2	0.000	6.597	0	420955	N.D.	6.867	#
33)	L7 AR-1260-3	0.000	6.752	0	566320	N.D.	9.414	#
34)	L7 AR-1260-4	8.087f	7.261	1094721	241525	16.593	5.198	#
35)	L7 AR-1260-5	8.390f	7.431f	567152	325806	4.332	2.931	#
36)	L8 AR-1262-1	8.087f	6.927f	1094721	953397	13.854	13.426	
37)	L8 AR-1262-2	8.390f	7.261	567152	241525	3.709	3.961	
38)	L8 AR-1262-3	0.000	7.784	0	38157	N.D.	0.730	#
39)	L8 AR-1262-4	0.000	7.784f	0	38157	N.D.	0.413	#
40)	L8 AR-1262-5	0.000	8.311	0	52753	N.D.	1.104	#
41)	L9 AR-1268-1	0.000	7.784	0	38157	N.D.	0.263	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 12:31
Operator : YP\AJ
Sample : Q1383-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:13:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.784f	0	38157	N.D.	0.287 #
43) L9	AR-1268-3	0.000	8.019	0	274992	N.D.	2.418 #
44) L9	AR-1268-4	0.000	8.311	0	52753	N.D.	1.013 #
45) L9	AR-1268-5	0.000	8.615	0	137195	N.D.	0.385 #

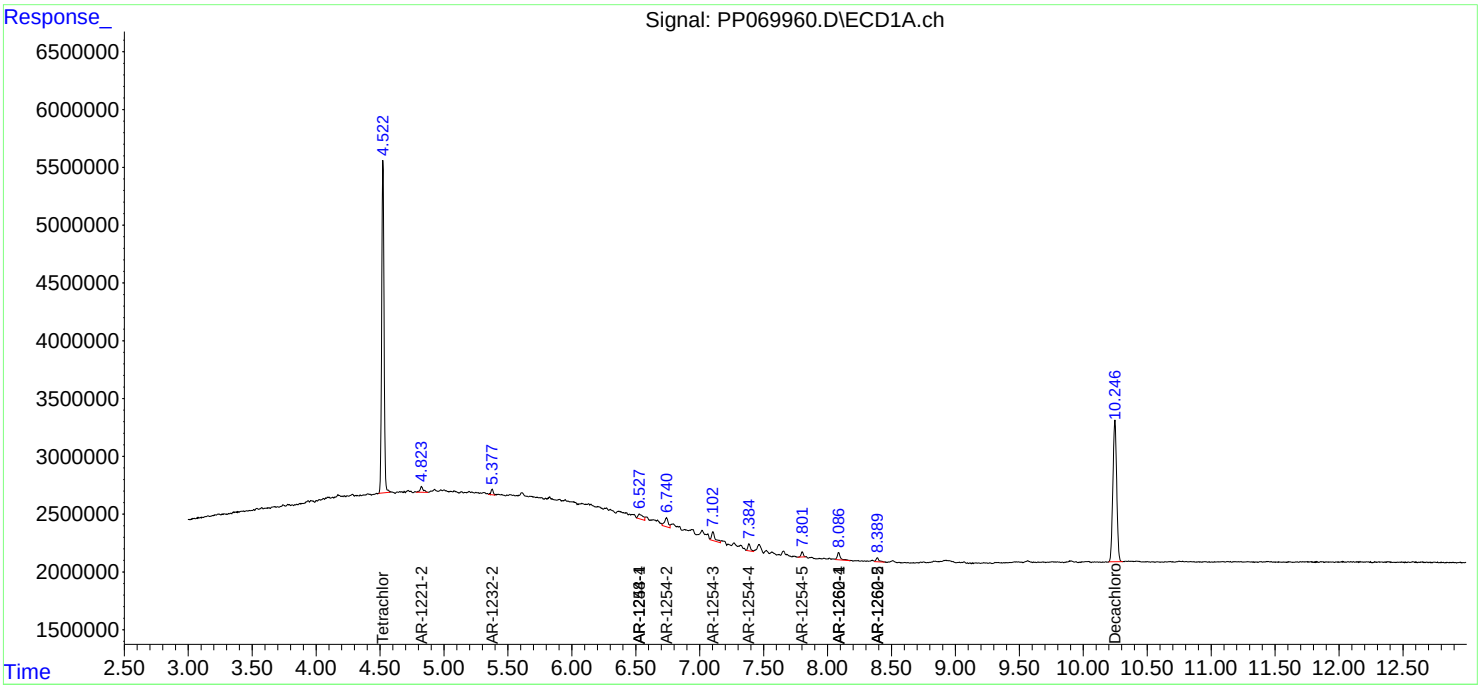
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

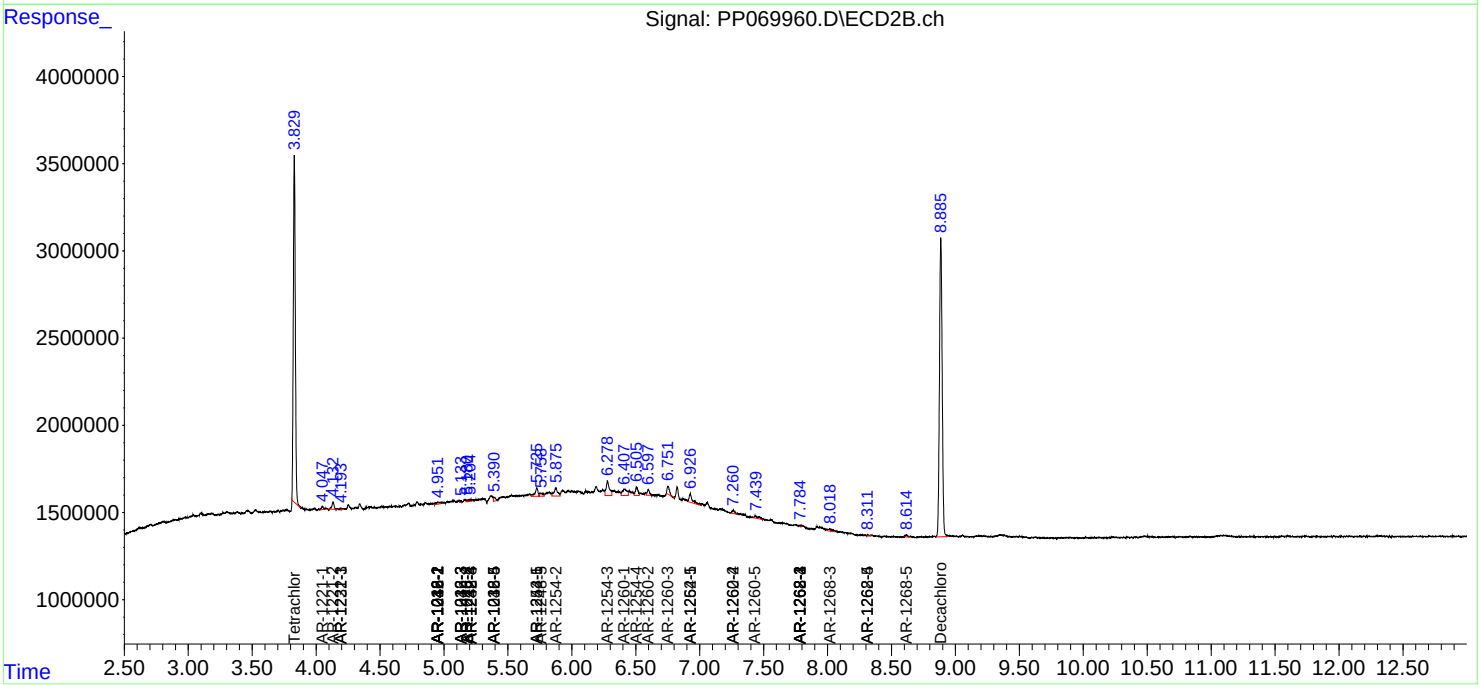
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 12:31
Operator : YP\AJ
Sample : Q1383-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

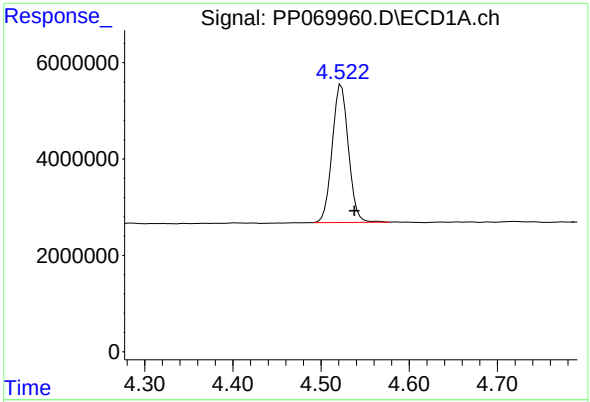
Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:13:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



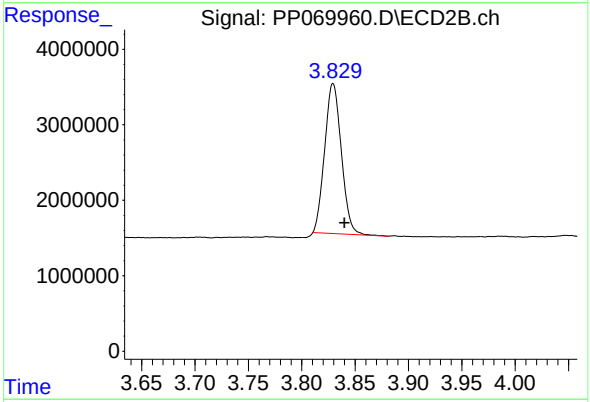




#1 Tetrachloro-m-xylene

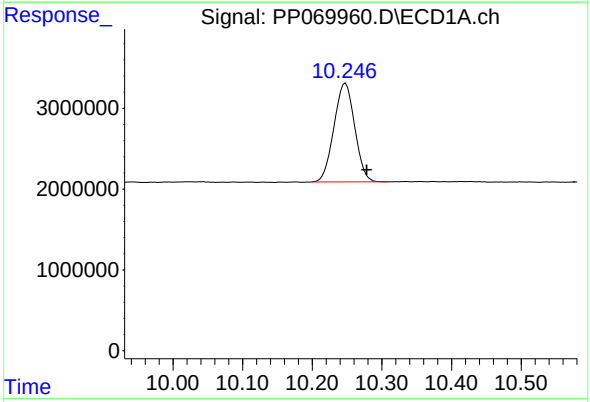
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 36622535
Conc: 25.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



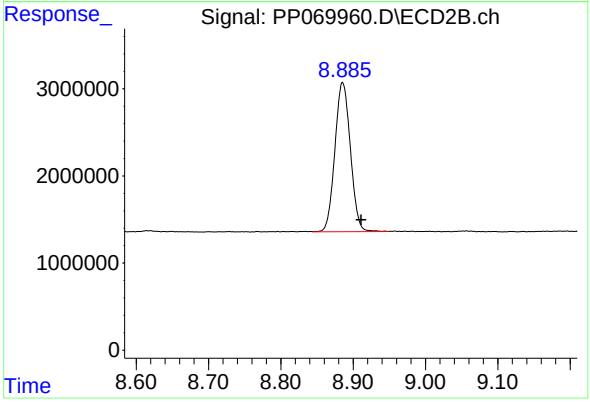
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 21659760
Conc: 24.27 ng/ml



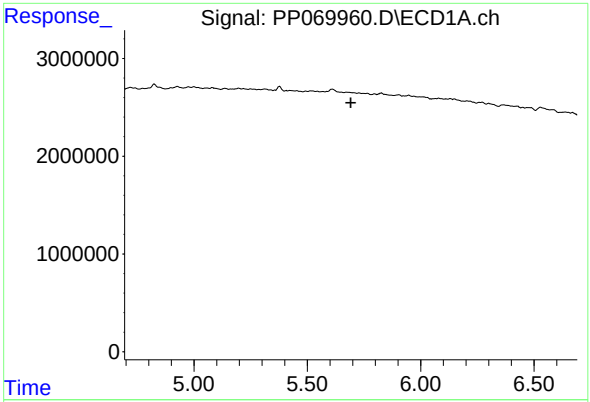
#2 Decachlorobiphenyl

R.T.: 10.248 min
Delta R.T.: -0.031 min
Response: 25354162
Conc: 23.20 ng/ml



#2 Decachlorobiphenyl

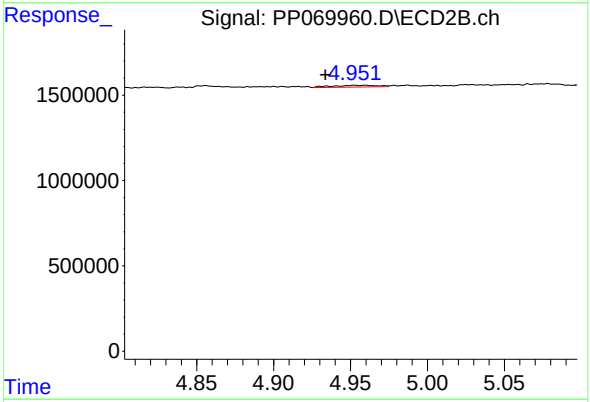
R.T.: 8.885 min
Delta R.T.: -0.026 min
Response: 25497736
Conc: 22.80 ng/ml



#3 AR-1016-1

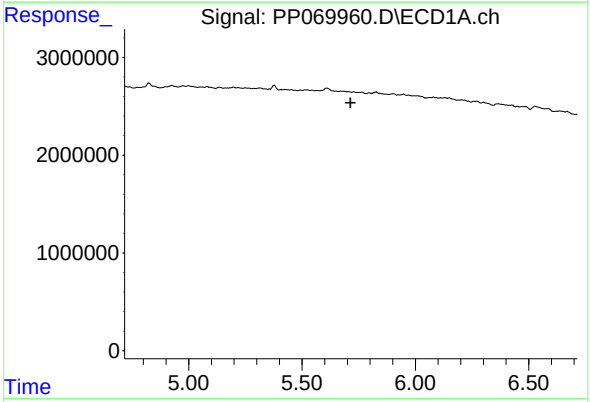
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



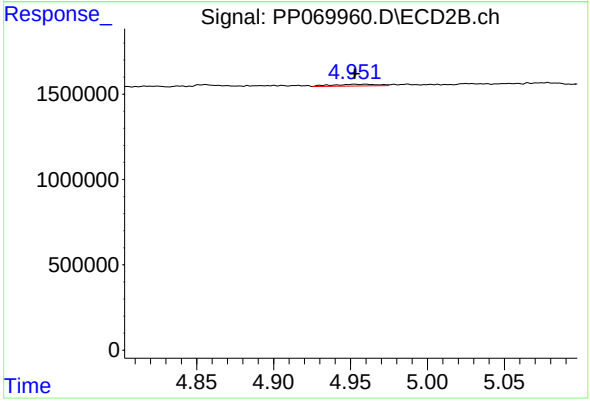
#3 AR-1016-1

R.T.: 4.952 min
Delta R.T.: 0.019 min
Response: 213932
Conc: 6.56 ng/ml



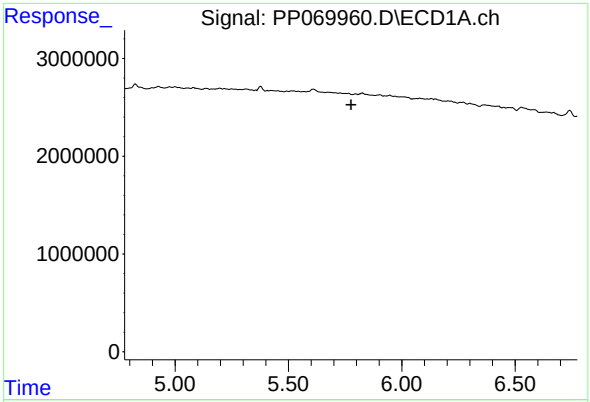
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

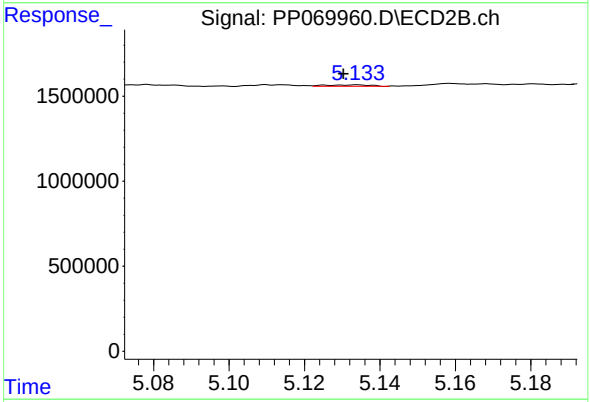
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 213932
Conc: 4.76 ng/ml



#5 AR-1016-3

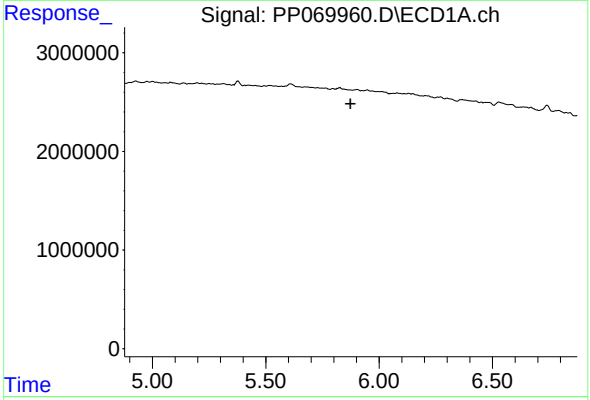
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



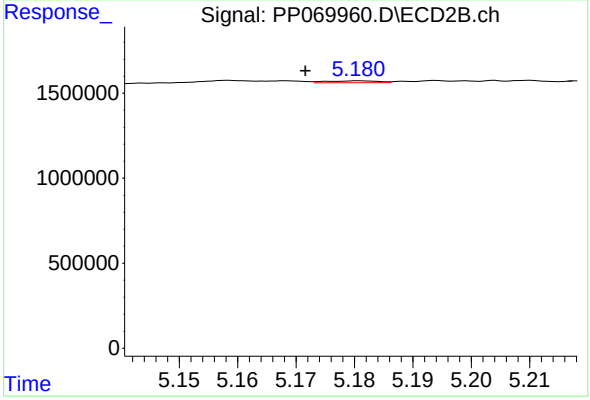
#5 AR-1016-3

R.T.: 5.134 min
Delta R.T.: 0.004 min
Response: 65487
Conc: 2.63 ng/ml



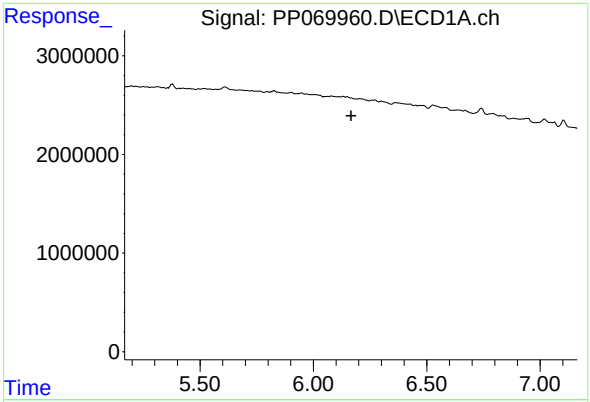
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

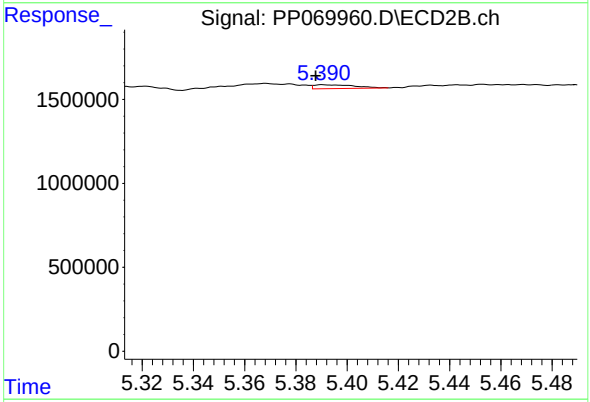
R.T.: 5.181 min
Delta R.T.: 0.009 min
Response: 69200
Conc: 3.43 ng/ml



#7 AR-1016-5

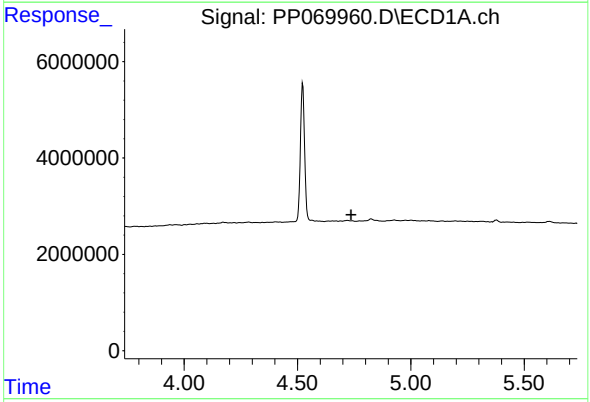
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



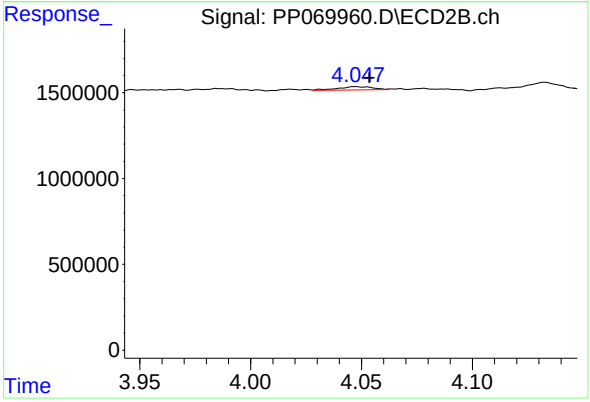
#7 AR-1016-5

R.T.: 5.391 min
Delta R.T.: 0.003 min
Response: 246065
Conc: 9.17 ng/ml



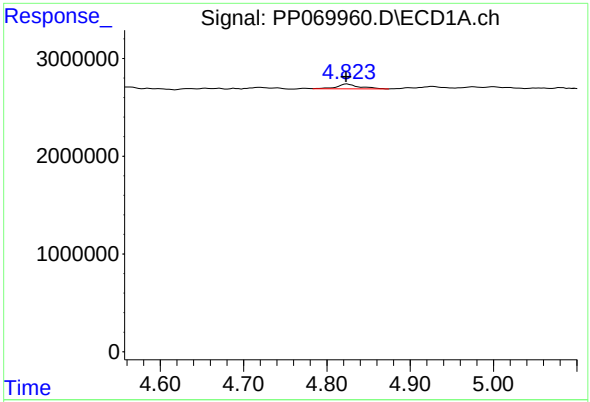
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

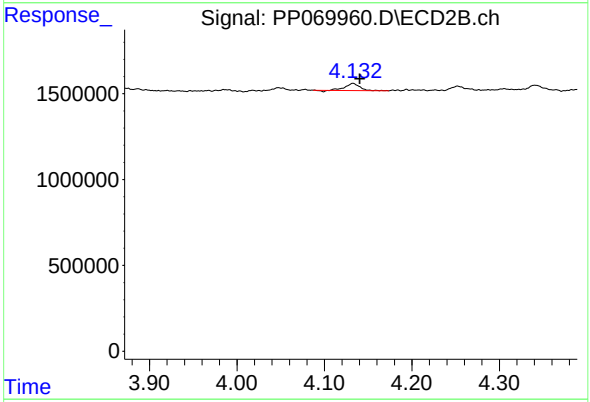
R.T.: 4.047 min
Delta R.T.: -0.006 min
Response: 205489
Conc: 16.68 ng/ml



#9 AR-1221-2

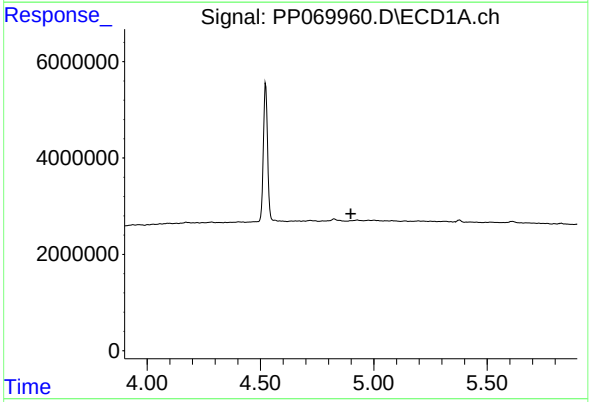
R.T.: 4.825 min
Delta R.T.: 0.002 min
Response: 889669
Conc: 64.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



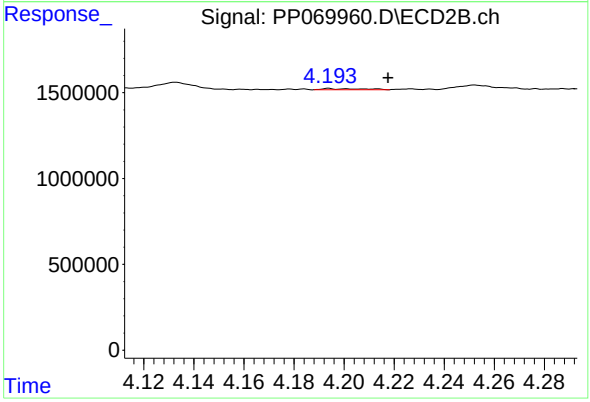
#9 AR-1221-2

R.T.: 4.133 min
Delta R.T.: -0.008 min
Response: 477392
Conc: 49.30 ng/ml



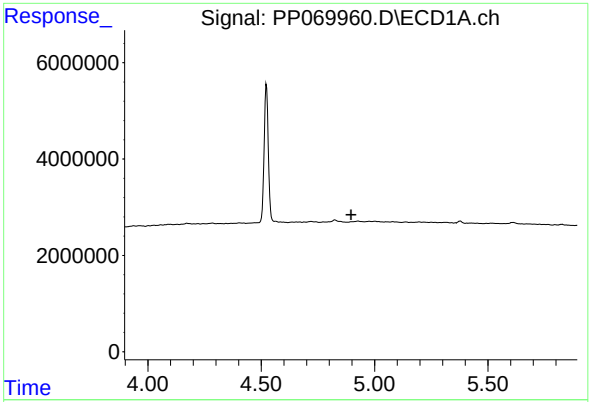
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

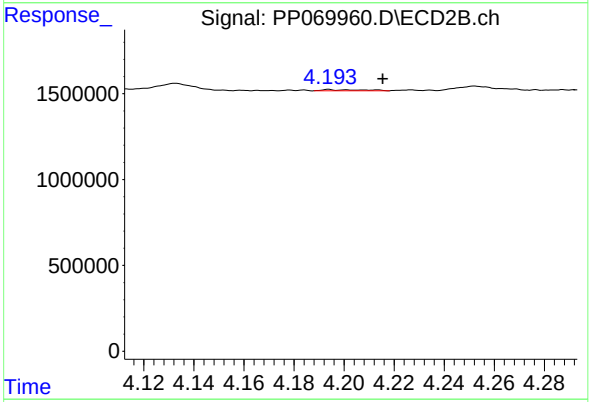
R.T.: 4.194 min
Delta R.T.: -0.024 min
Response: 78505
Conc: 2.69 ng/ml



#11 AR-1232-1

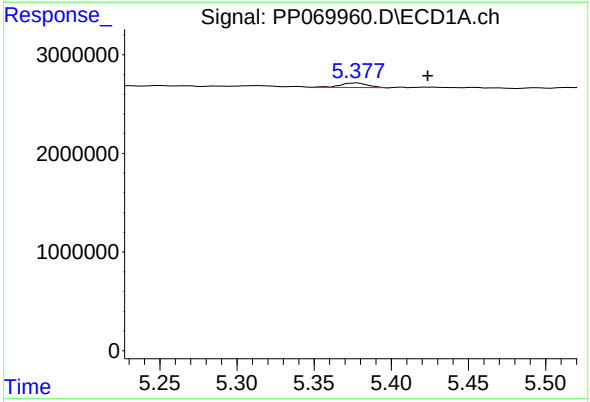
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



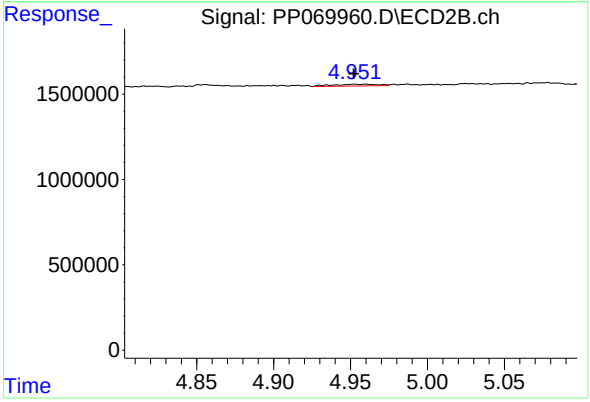
#11 AR-1232-1

R.T.: 4.194 min
Delta R.T.: -0.022 min
Response: 78505
Conc: 3.34 ng/ml



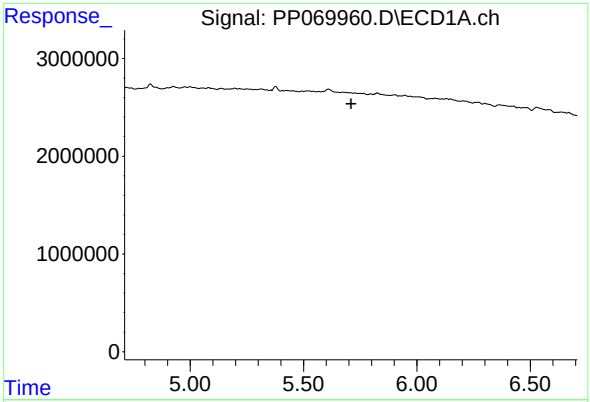
#12 AR-1232-2

R.T.: 5.378 min
Delta R.T.: -0.045 min
Response: 579387
Conc: 35.45 ng/ml



#12 AR-1232-2

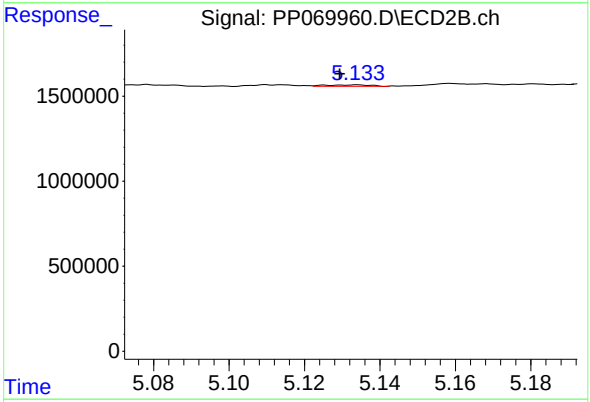
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 213932
Conc: 9.08 ng/ml



#13 AR-1232-3

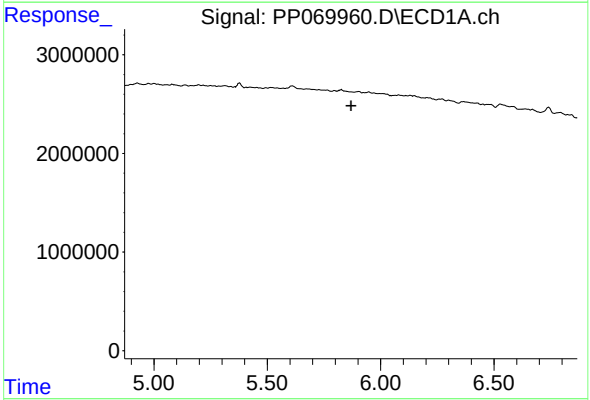
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



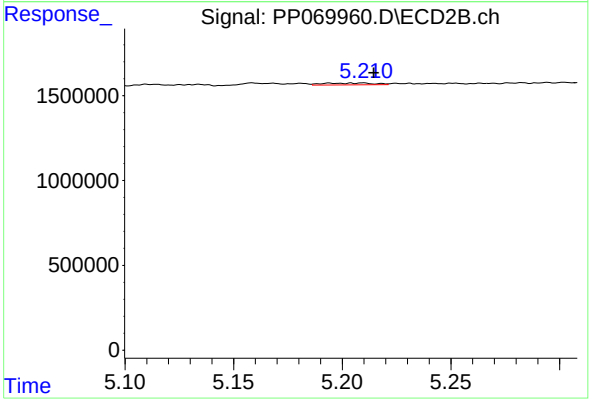
#13 AR-1232-3

R.T.: 5.134 min
Delta R.T.: 0.005 min
Response: 65487
Conc: 5.06 ng/ml



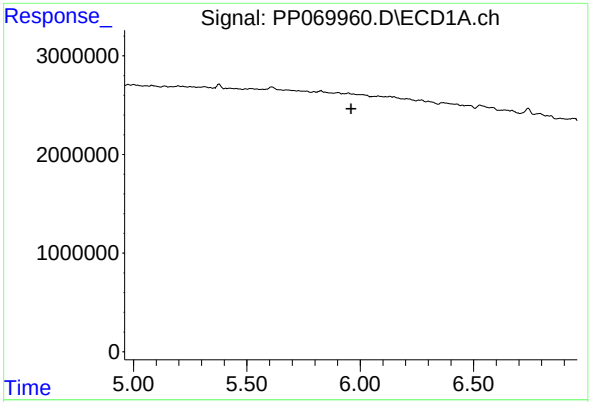
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

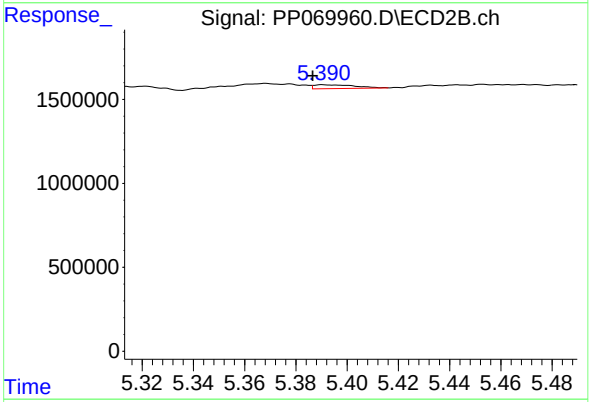
R.T.: 5.210 min
Delta R.T.: -0.005 min
Response: 169725
Conc: 15.31 ng/ml



#15 AR-1232-5

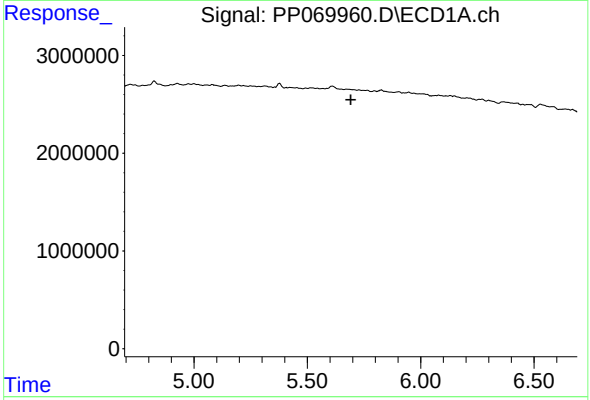
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



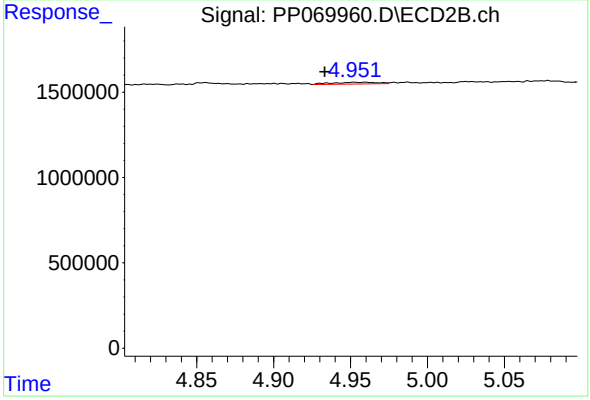
#15 AR-1232-5

R.T.: 5.391 min
Delta R.T.: 0.004 min
Response: 246065
Conc: 20.15 ng/ml



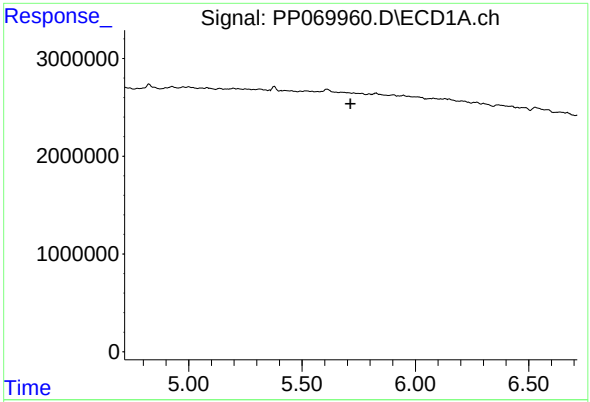
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

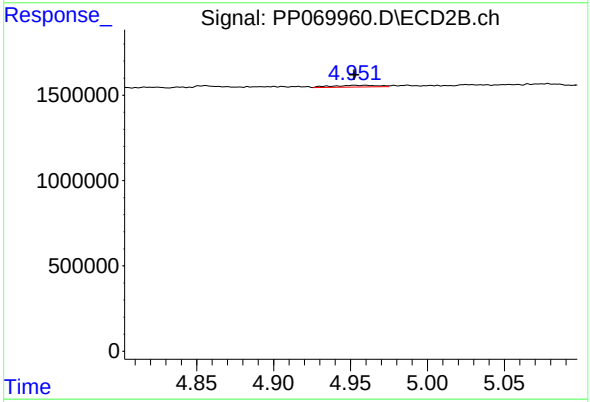
R.T.: 4.952 min
Delta R.T.: 0.019 min
Response: 213932
Conc: 7.42 ng/ml



#17 AR-1242-2

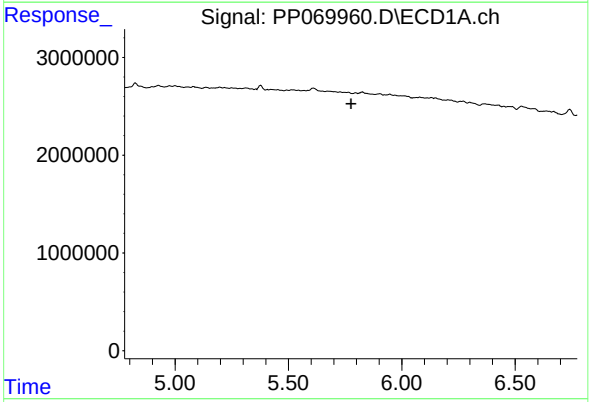
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



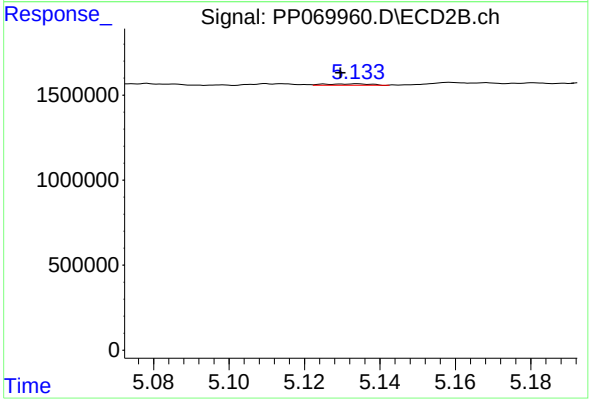
#17 AR-1242-2

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 213932
Conc: 5.43 ng/ml



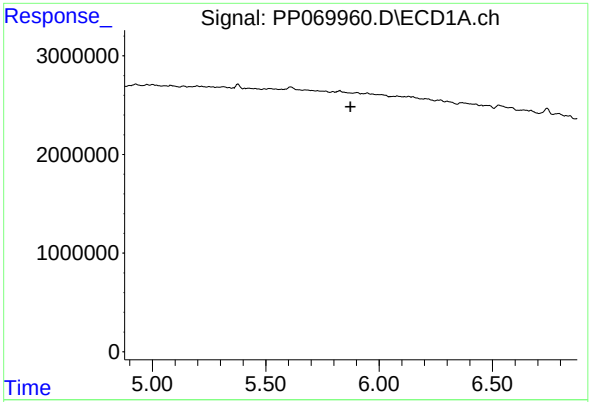
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

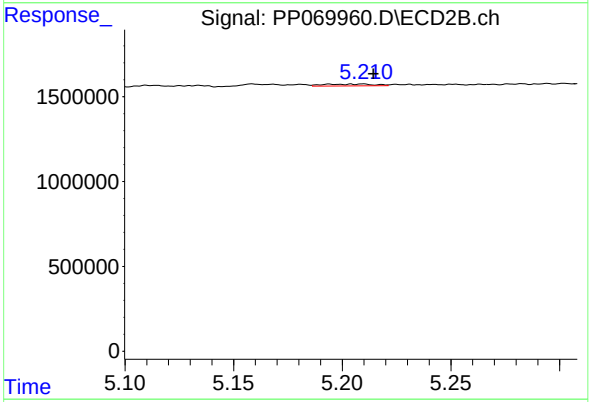
R.T.: 5.134 min
Delta R.T.: 0.004 min
Response: 65487
Conc: 2.91 ng/ml



#19 AR-1242-4

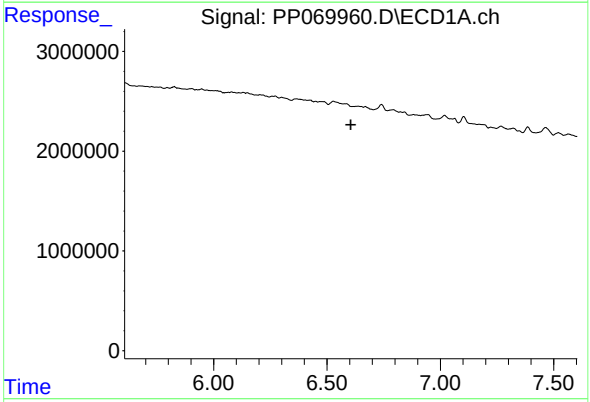
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



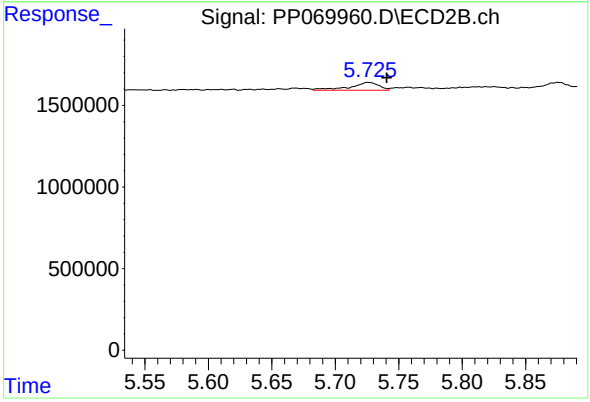
#19 AR-1242-4

R.T.: 5.210 min
Delta R.T.: -0.005 min
Response: 169725
Conc: 7.86 ng/ml



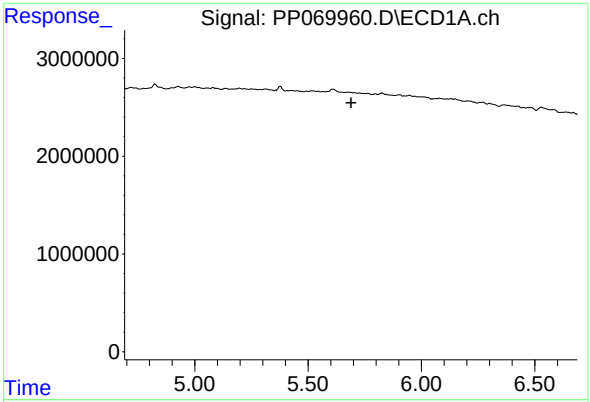
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

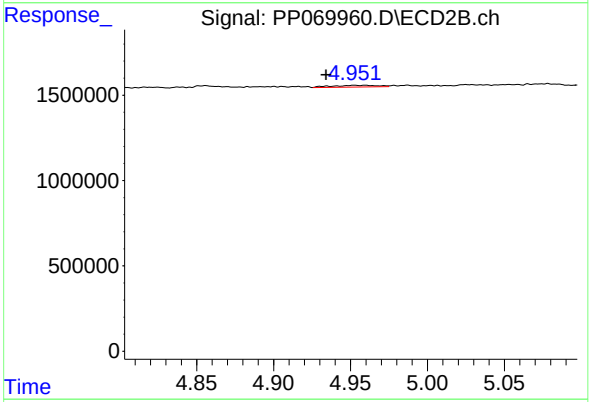
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 768185
Conc: 26.70 ng/ml



#21 AR-1248-1

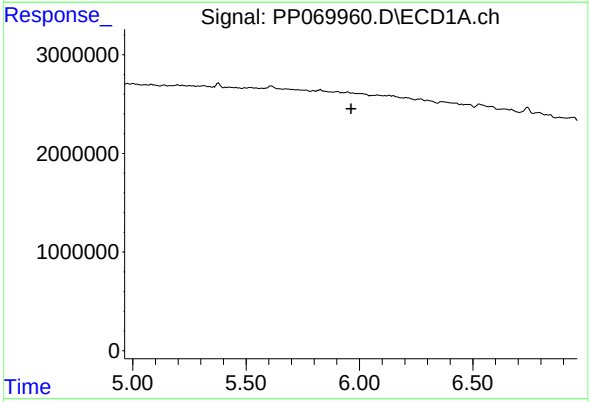
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



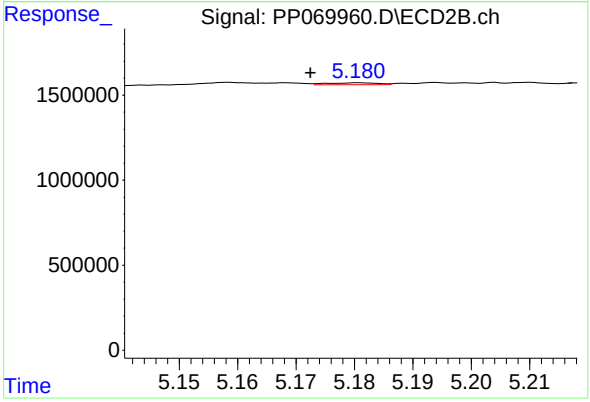
#21 AR-1248-1

R.T.: 4.952 min
Delta R.T.: 0.018 min
Response: 213932
Conc: 9.72 ng/ml



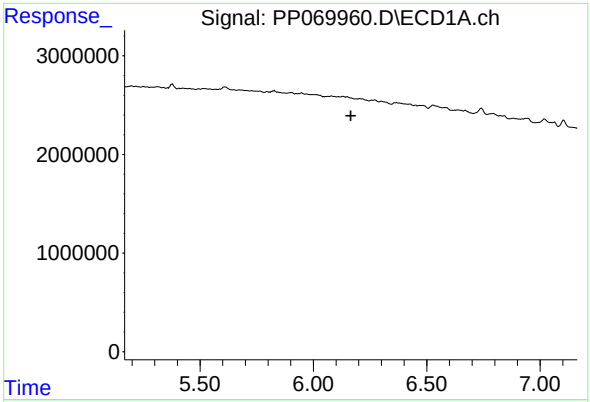
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

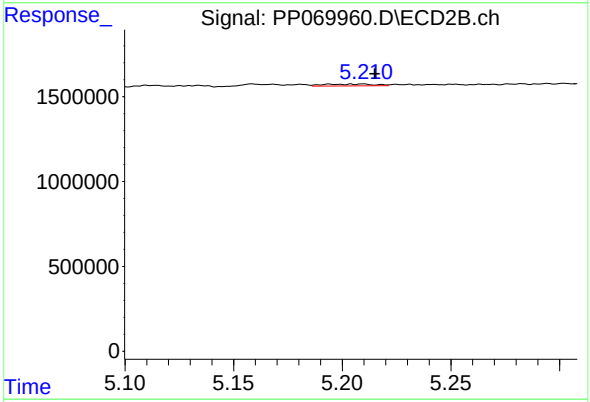
R.T.: 5.181 min
Delta R.T.: 0.008 min
Response: 69200
Conc: 2.30 ng/ml



#23 AR-1248-3

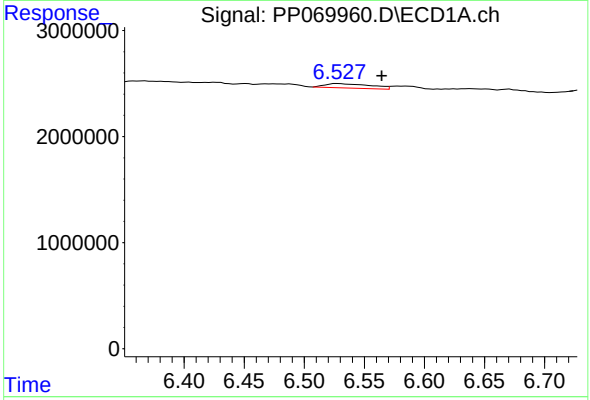
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



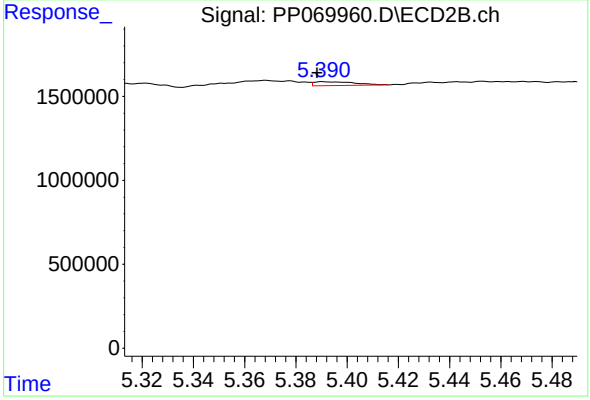
#23 AR-1248-3

R.T.: 5.210 min
Delta R.T.: -0.005 min
Response: 169725
Conc: 5.48 ng/ml



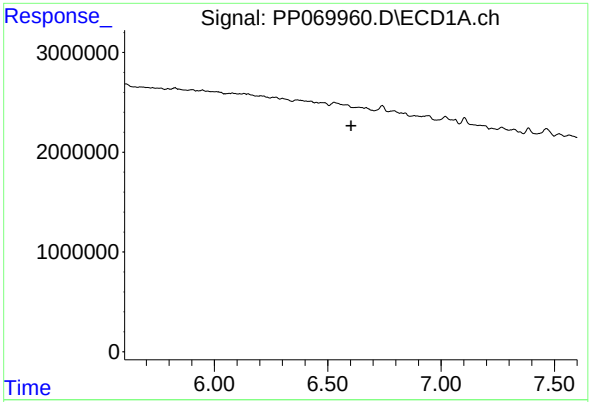
#24 AR-1248-4

R.T.: 6.528 min
Delta R.T.: -0.036 min
Response: 1121457
Conc: 20.35 ng/ml



#24 AR-1248-4

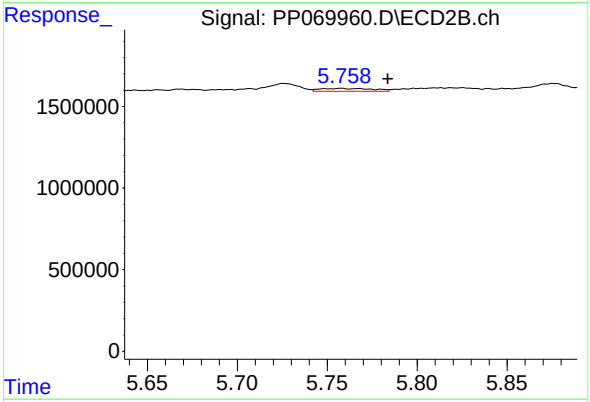
R.T.: 5.391 min
Delta R.T.: 0.002 min
Response: 246065
Conc: 6.66 ng/ml



#25 AR-1248-5

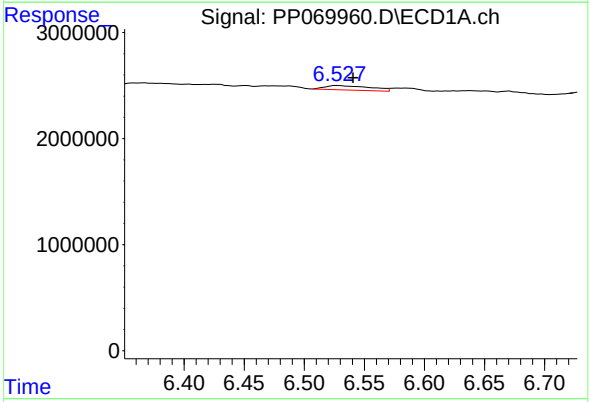
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



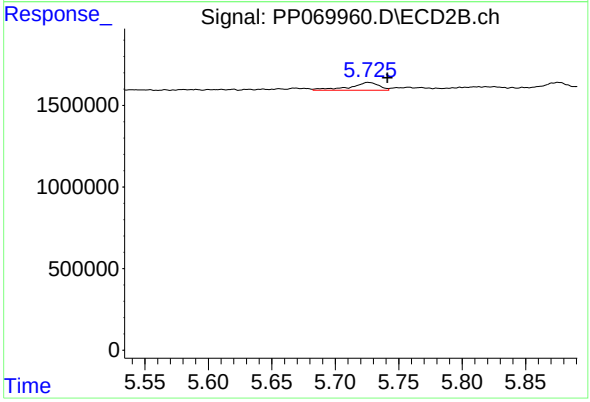
#25 AR-1248-5

R.T.: 5.758 min
Delta R.T.: -0.026 min
Response: 352320
Conc: 9.42 ng/ml



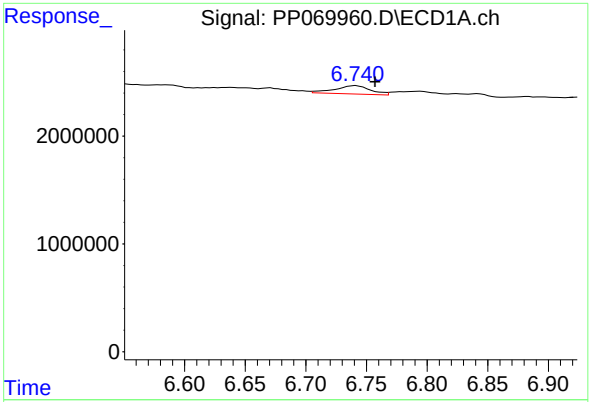
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.012 min
Response: 1121457
Conc: 19.38 ng/ml



#26 AR-1254-1

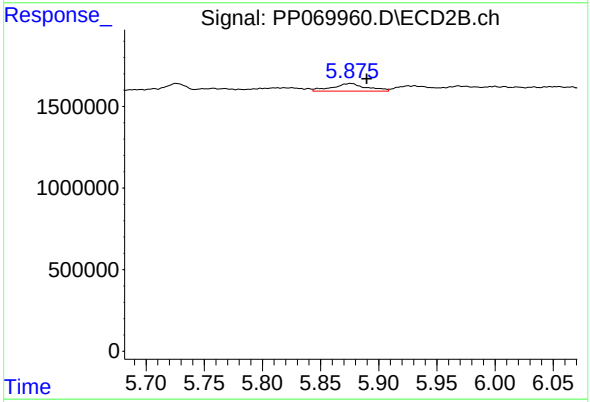
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 768185
Conc: 13.95 ng/ml



#27 AR-1254-2

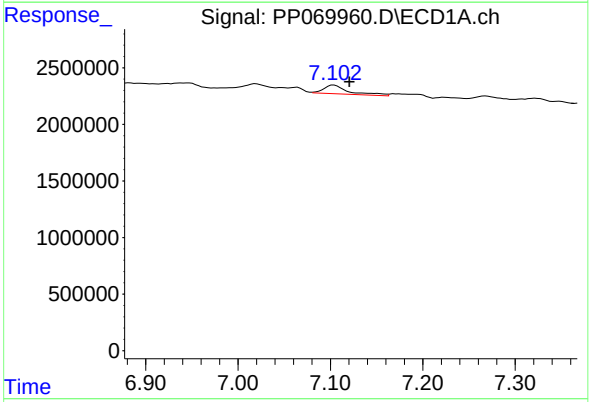
R.T.: 6.741 min
Delta R.T.: -0.016 min
Response: 1587694
Conc: 19.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



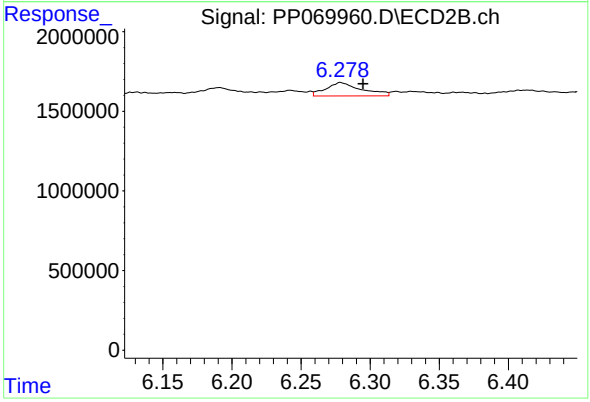
#27 AR-1254-2

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 955028
Conc: 19.74 ng/ml



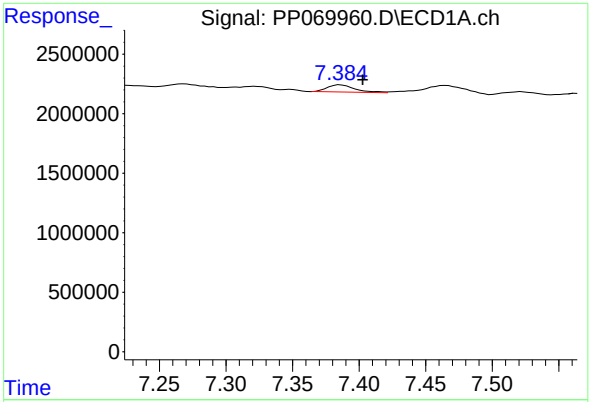
#28 AR-1254-3

R.T.: 7.104 min
Delta R.T.: -0.017 min
Response: 1451874
Conc: 17.23 ng/ml



#28 AR-1254-3

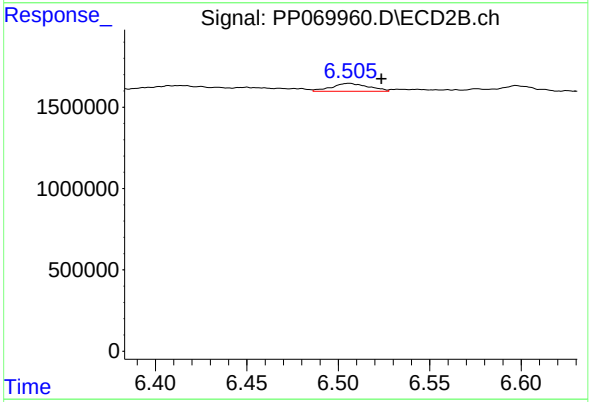
R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 1512129
Conc: 19.92 ng/ml



#29 AR-1254-4

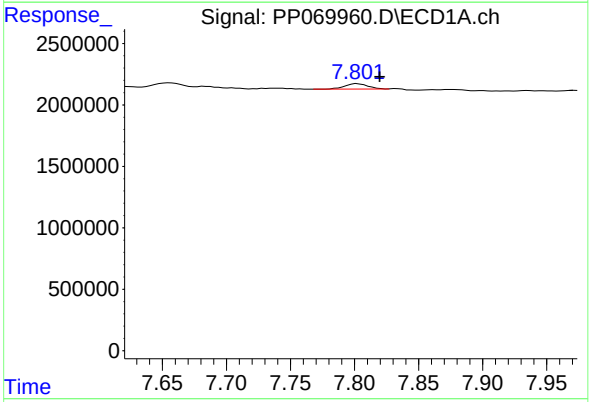
R.T.: 7.386 min
Delta R.T.: -0.017 min
Response: 882050
Conc: 12.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



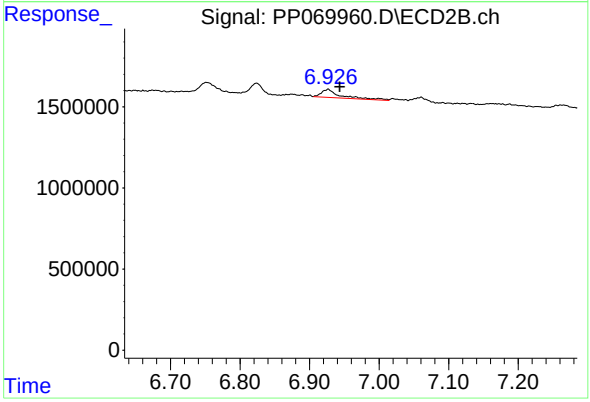
#29 AR-1254-4

R.T.: 6.506 min
Delta R.T.: -0.018 min
Response: 678008
Conc: 13.23 ng/ml



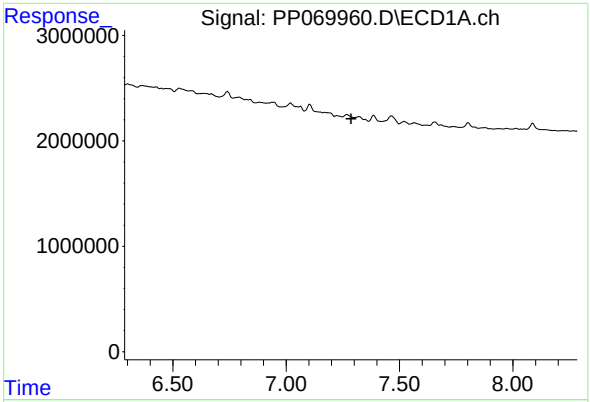
#30 AR-1254-5

R.T.: 7.802 min
Delta R.T.: -0.018 min
Response: 549263
Conc: 8.07 ng/ml



#30 AR-1254-5

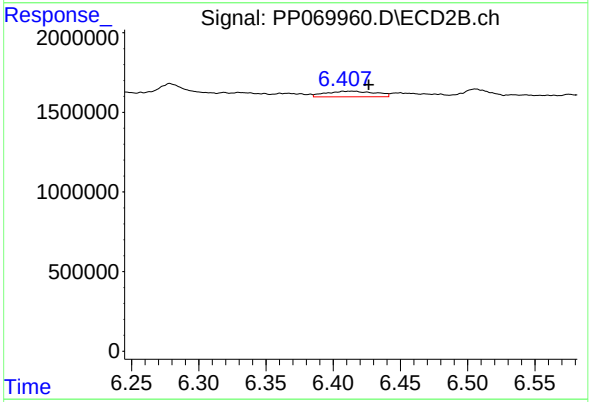
R.T.: 6.927 min
Delta R.T.: -0.016 min
Response: 953397
Conc: 14.32 ng/ml



#31 AR-1260-1

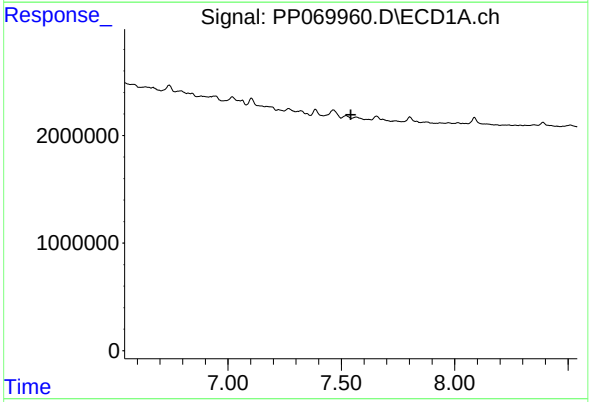
R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



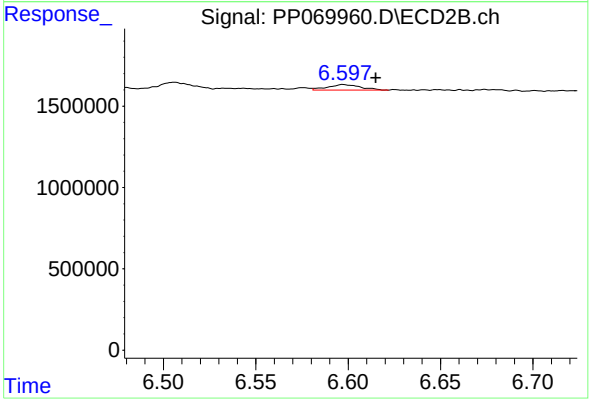
#31 AR-1260-1

R.T.: 6.414 min
Delta R.T.: -0.012 min
Response: 904530
Conc: 18.75 ng/ml



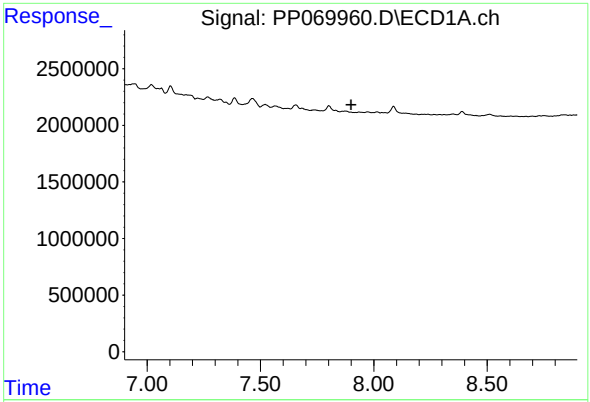
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#32 AR-1260-2

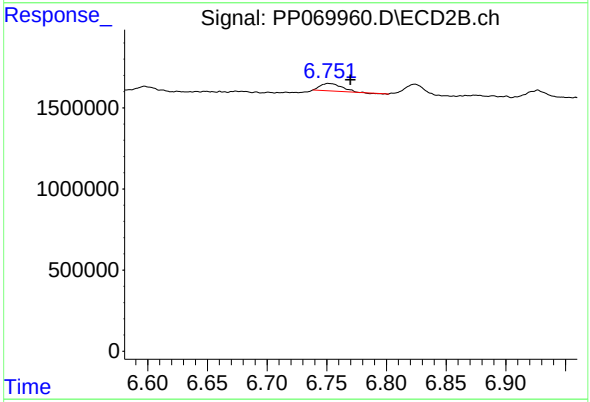
R.T.: 6.597 min
Delta R.T.: -0.018 min
Response: 420955
Conc: 6.87 ng/ml



#33 AR-1260-3

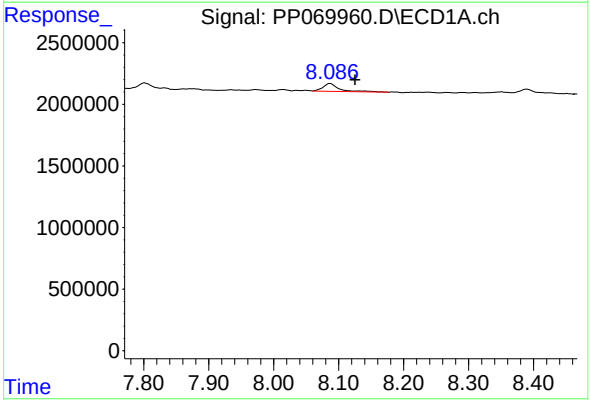
R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



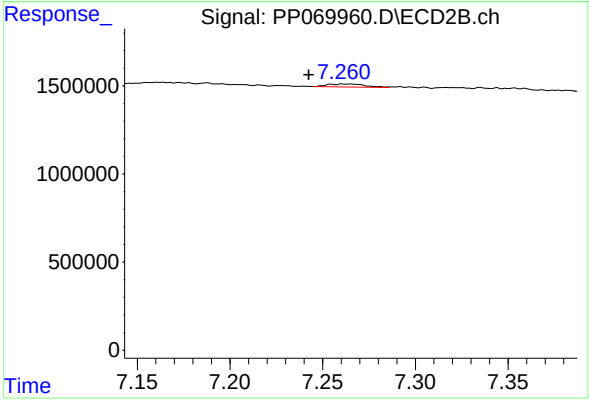
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 566320
Conc: 9.41 ng/ml



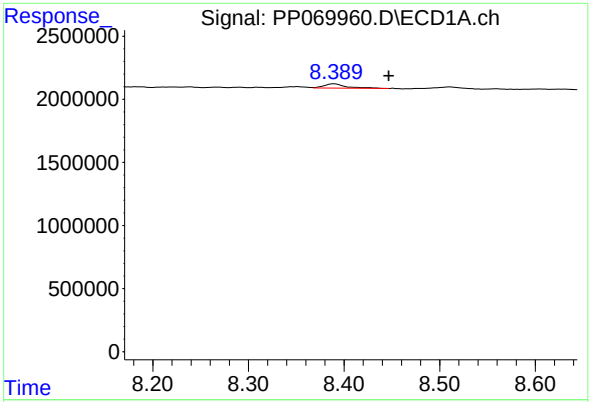
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: -0.038 min
Response: 1094721
Conc: 16.59 ng/ml



#34 AR-1260-4

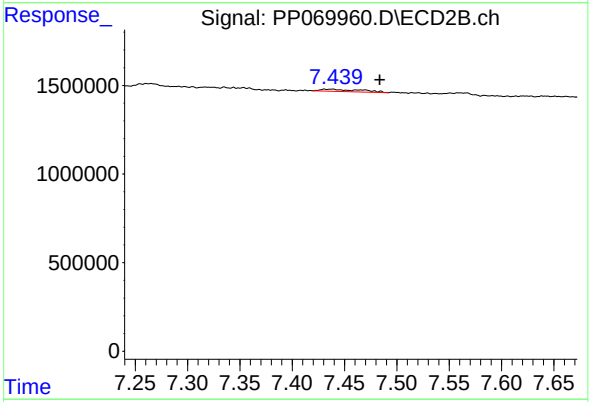
R.T.: 7.261 min
Delta R.T.: 0.019 min
Response: 241525
Conc: 5.20 ng/ml



#35 AR-1260-5

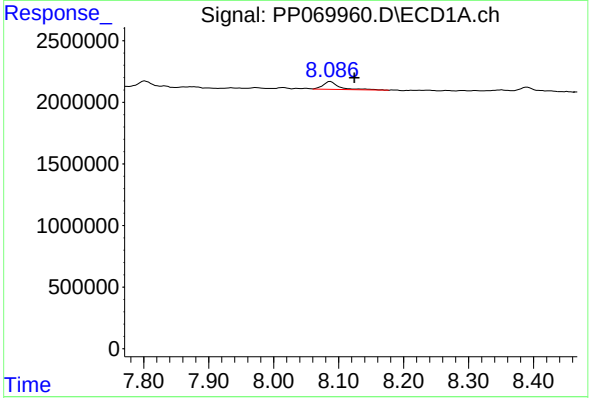
R.T.: 8.390 min
Delta R.T.: -0.057 min
Response: 567152
Conc: 4.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



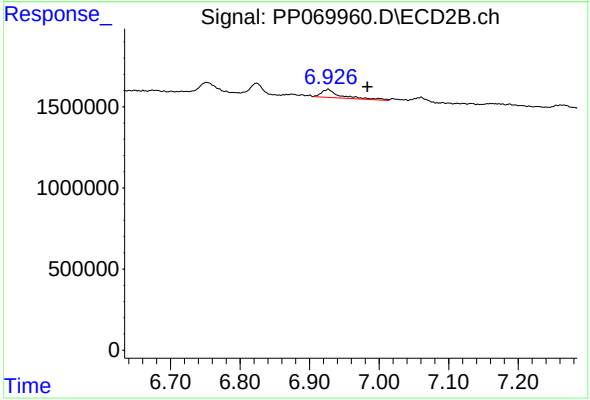
#35 AR-1260-5

R.T.: 7.431 min
Delta R.T.: -0.053 min
Response: 325806
Conc: 2.93 ng/ml



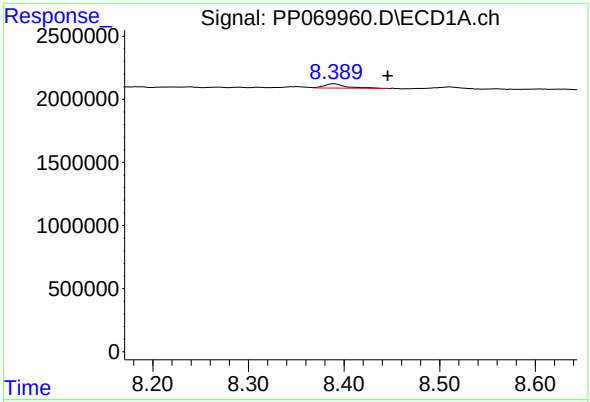
#36 AR-1262-1

R.T.: 8.087 min
Delta R.T.: -0.037 min
Response: 1094721
Conc: 13.85 ng/ml



#36 AR-1262-1

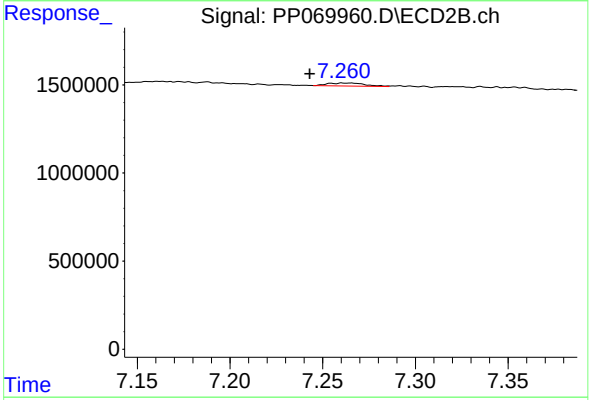
R.T.: 6.927 min
Delta R.T.: -0.056 min
Response: 953397
Conc: 13.43 ng/ml



#37 AR-1262-2

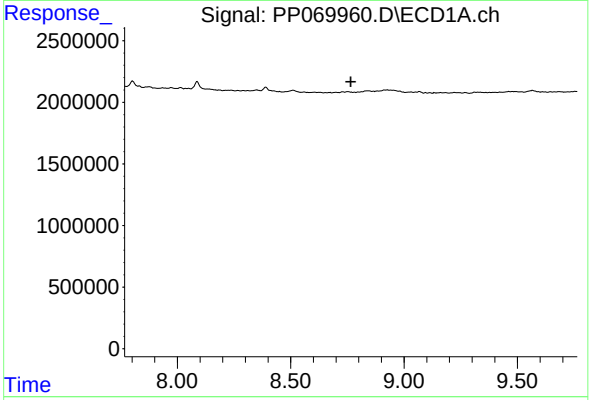
R.T.: 8.390 min
Delta R.T.: -0.056 min
Response: 567152
Conc: 3.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



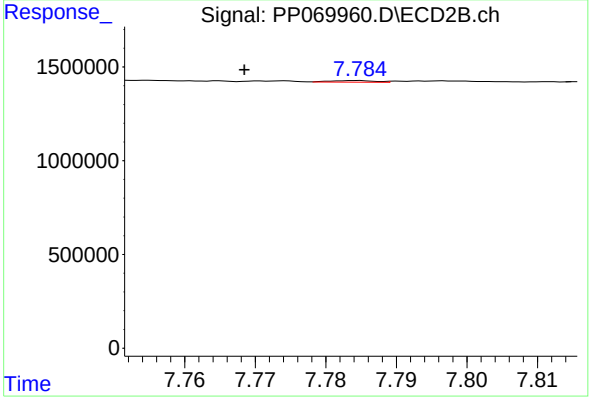
#37 AR-1262-2

R.T.: 7.261 min
Delta R.T.: 0.018 min
Response: 241525
Conc: 3.96 ng/ml



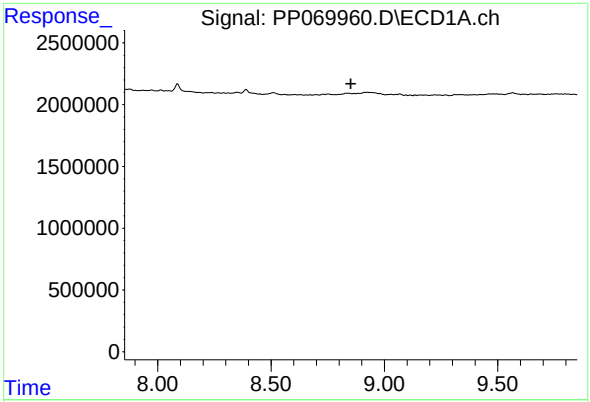
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.



#38 AR-1262-3

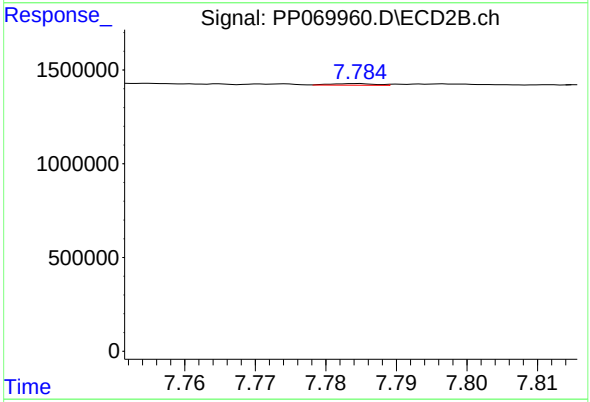
R.T.: 7.784 min
Delta R.T.: 0.016 min
Response: 38157
Conc: 0.73 ng/ml



#39 AR-1262-4

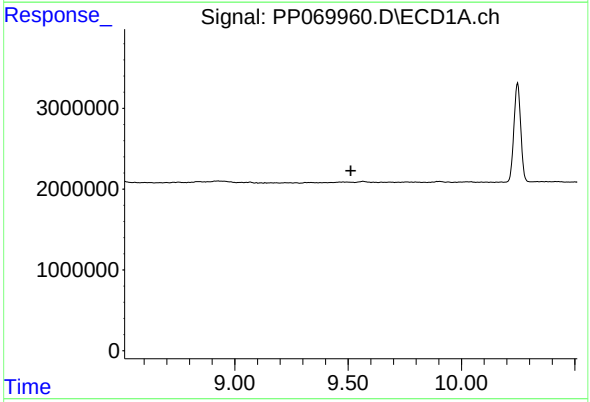
R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



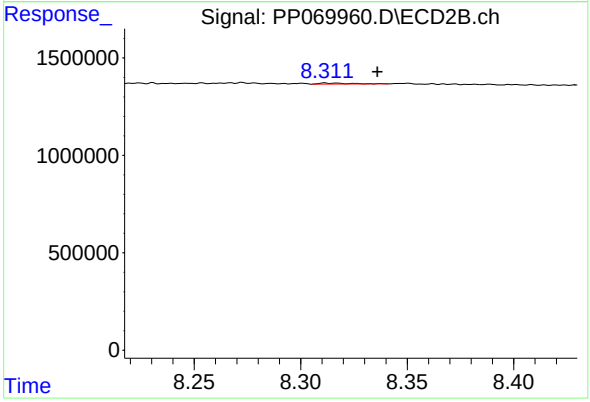
#39 AR-1262-4

R.T.: 7.784 min
Delta R.T.: -0.048 min
Response: 38157
Conc: 0.41 ng/ml



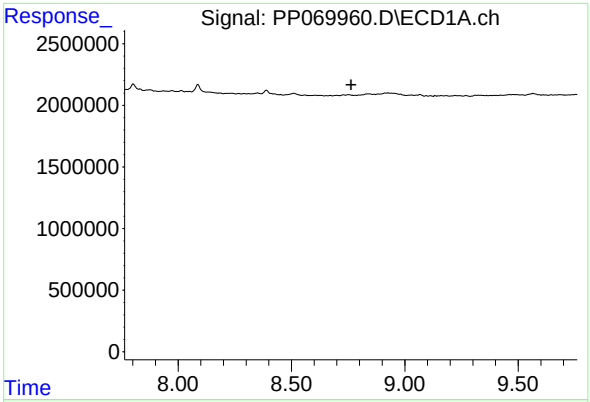
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

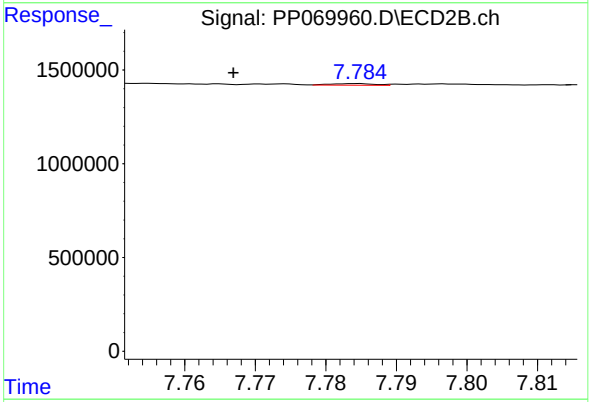
R.T.: 8.311 min
Delta R.T.: -0.024 min
Response: 52753
Conc: 1.10 ng/ml



#41 AR-1268-1

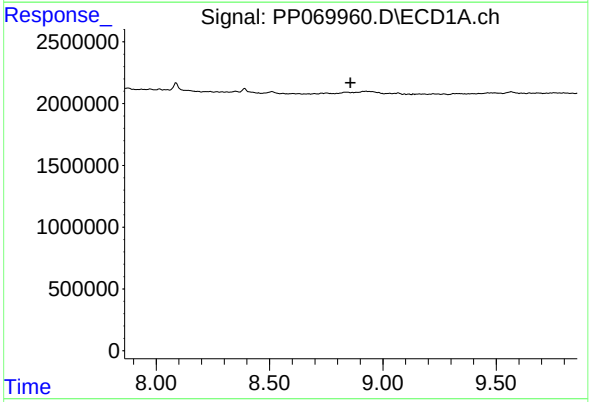
R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



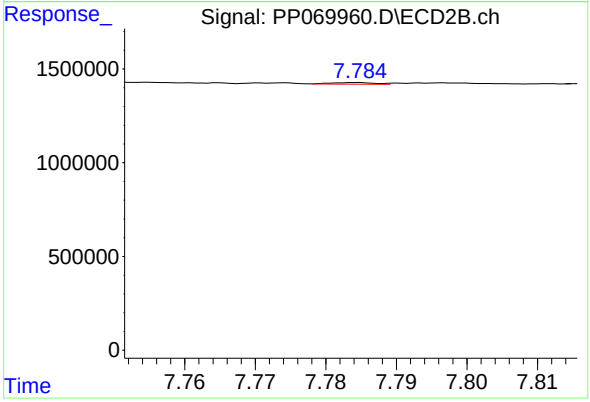
#41 AR-1268-1

R.T.: 7.784 min
Delta R.T.: 0.017 min
Response: 38157
Conc: 0.26 ng/ml



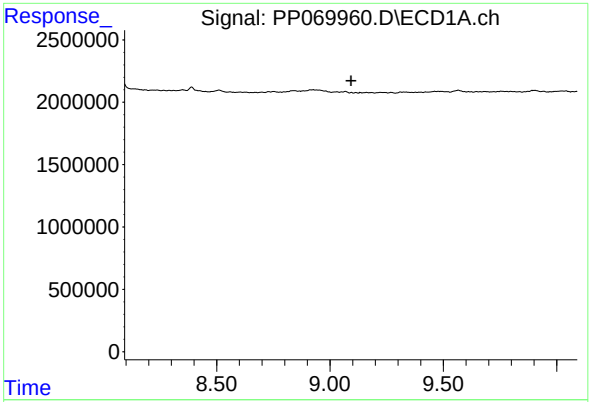
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.



#42 AR-1268-2

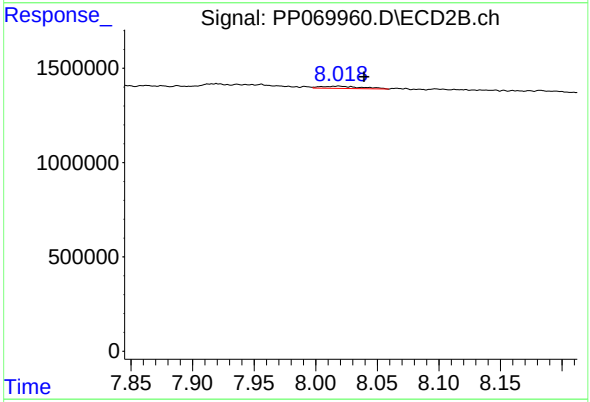
R.T.: 7.784 min
Delta R.T.: -0.048 min
Response: 38157
Conc: 0.29 ng/ml



#43 AR-1268-3

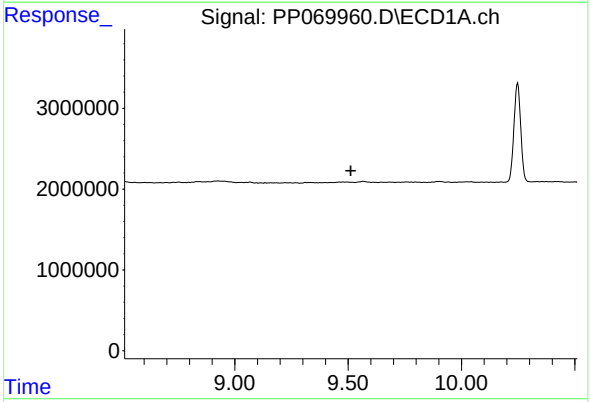
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



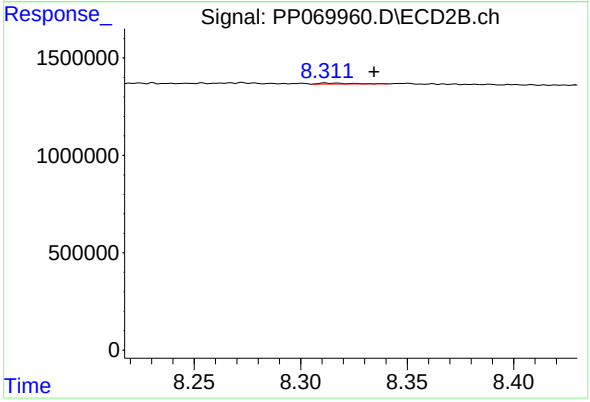
#43 AR-1268-3

R.T.: 8.019 min
Delta R.T.: -0.021 min
Response: 274992
Conc: 2.42 ng/ml



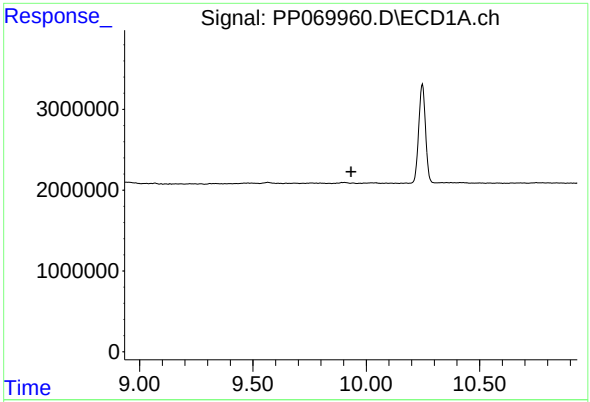
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

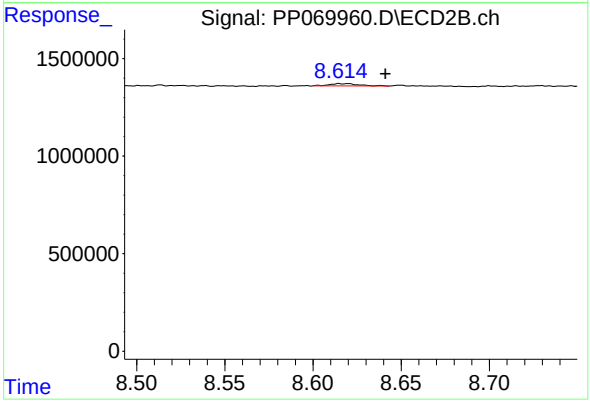
R.T.: 8.311 min
Delta R.T.: -0.023 min
Response: 52753
Conc: 1.01 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
OU4-PCS-TC-14-021725



#45 AR-1268-5

R.T.: 8.615 min
Delta R.T.: -0.026 min
Response: 137195
Conc: 0.39 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 14:58
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.527	3.830	73678127	43823523	51.470	49.100	
2)	SA Decachlor...	10.251	8.886	52329822	46541434	47.882	41.611	
	Target Compounds							
3)	L1 AR-1016-1	5.701	4.939	31210044	21267679	673.603	652.082	
4)	L1 AR-1016-2	5.701	4.939	31210044	21267679	459.802	473.052	
5)	L1 AR-1016-3	5.763	5.116	18629990	12271292	437.359	493.140	
6)	L1 AR-1016-4	5.861	5.157	15841393	9750420	452.605	482.783	
7)	L1 AR-1016-5	6.153	5.373	14009075	12811191	423.766	477.604	
8)	L2 AR-1221-1	4.724	4.040	2318212	1857262	121.886	150.776	
9)	L2 AR-1221-2	4.814	4.129	3543861	2678557	258.818	276.614	
10)	L2 AR-1221-3	4.889	4.205	12211348	9362136	291.139	320.905	
11)	L3 AR-1232-1	4.889	4.205	12211348	9362136	366.777	398.737	
12)	L3 AR-1232-2	5.414	4.939	15369033	21267679	940.462	902.252	
13)	L3 AR-1232-3	5.701	5.116	31210044	12271292	908.352	947.792	
14)	L3 AR-1232-4	5.861	5.200	15841393	11646202	889.157	1050.503	
15)	L3 AR-1232-5	5.951	5.373	13664338	12811191	1192.099	1049.210	
16)	L4 AR-1242-1	5.701	4.939	31210044	21267679	748.348	737.641	
17)	L4 AR-1242-2	5.701	4.939	31210044	21267679	529.065	539.820	
18)	L4 AR-1242-3	5.763	5.116	18629990	12271292	502.175	545.292	
19)	L4 AR-1242-4	5.861	5.200	15841393	11646202	483.048	539.620	
20)	L4 AR-1242-5	6.591	5.726	5152383	12619084	158.125	438.644	#
21)	L5 AR-1248-1	5.701	4.939	31210044	21267679	962.113	966.249	
22)	L5 AR-1248-2	5.951	5.157	13664338	9750420	321.920	324.316	
23)	L5 AR-1248-3	6.153	5.200	14009075	11646202	298.147	375.874	#
24)	L5 AR-1248-4	6.591	5.373	5152383	12811191	93.474	346.776	#
25)	L5 AR-1248-5	6.591	5.767	5152383	3343740	96.516	89.430	
26)	L6 AR-1254-1	6.528	5.726	19619817	12619084	339.069	229.205	#
27)	L6 AR-1254-2	6.744	5.874	12612672	9226059	157.183	190.744	
28)	L6 AR-1254-3	7.107	6.295	6967873	20819158	82.667	274.311	#
29)	L6 AR-1254-4	7.390	6.538	5220890	5473390	76.566	106.798	#
30)	L6 AR-1254-5	7.805	6.926	36341663	28133267	534.074	422.672	
31)	L7 AR-1260-1	7.272	6.410	25511138	21758196	436.563	451.139	
32)	L7 AR-1260-2	7.526	6.598	33827854	28818443	434.733	470.093	
33)	L7 AR-1260-3	7.884	6.752	27955984	14145187	447.158	235.140	#
34)	L7 AR-1260-4	8.108	7.225	27228376	21375365	412.696	460.005	
35)	L7 AR-1260-5	8.429	7.465	59662389	52015623	455.696	467.998	
36)	L8 AR-1262-1	8.108	6.964	27228376	25521307	344.583	359.388	
37)	L8 AR-1262-2	8.429	7.225	59662389	21375365	390.146	350.534	
38)	L8 AR-1262-3	8.753	7.749	37911064	13554785	356.710	259.178	#
39)	L8 AR-1262-4	8.830	7.812	24835305	37137721	303.636	401.765	#
40)	L8 AR-1262-5	9.488	8.315	17922830	15276191	316.601	319.638	
41)	L9 AR-1268-1	8.753	7.749	37911064	13554785	214.698	93.403	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 14:58
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.830	7.812	24835305	37137721	157.813	279.619 #
43) L9	AR-1268-3	9.070	8.021	838063	650072	6.267	5.716
44) L9	AR-1268-4	9.488	8.315	17922830	15276191	305.221	293.333
45) L9	AR-1268-5	9.907	8.619	4947686	3189102	12.990	8.954 #

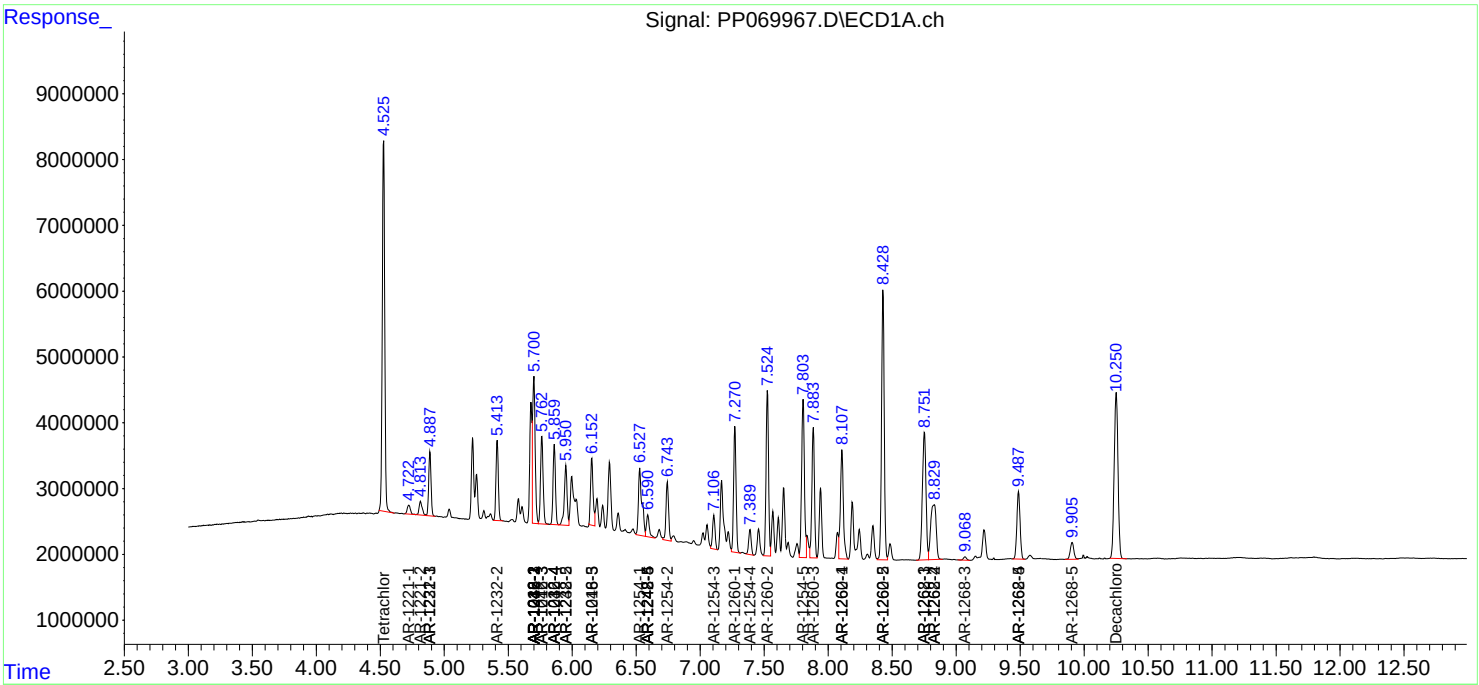
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

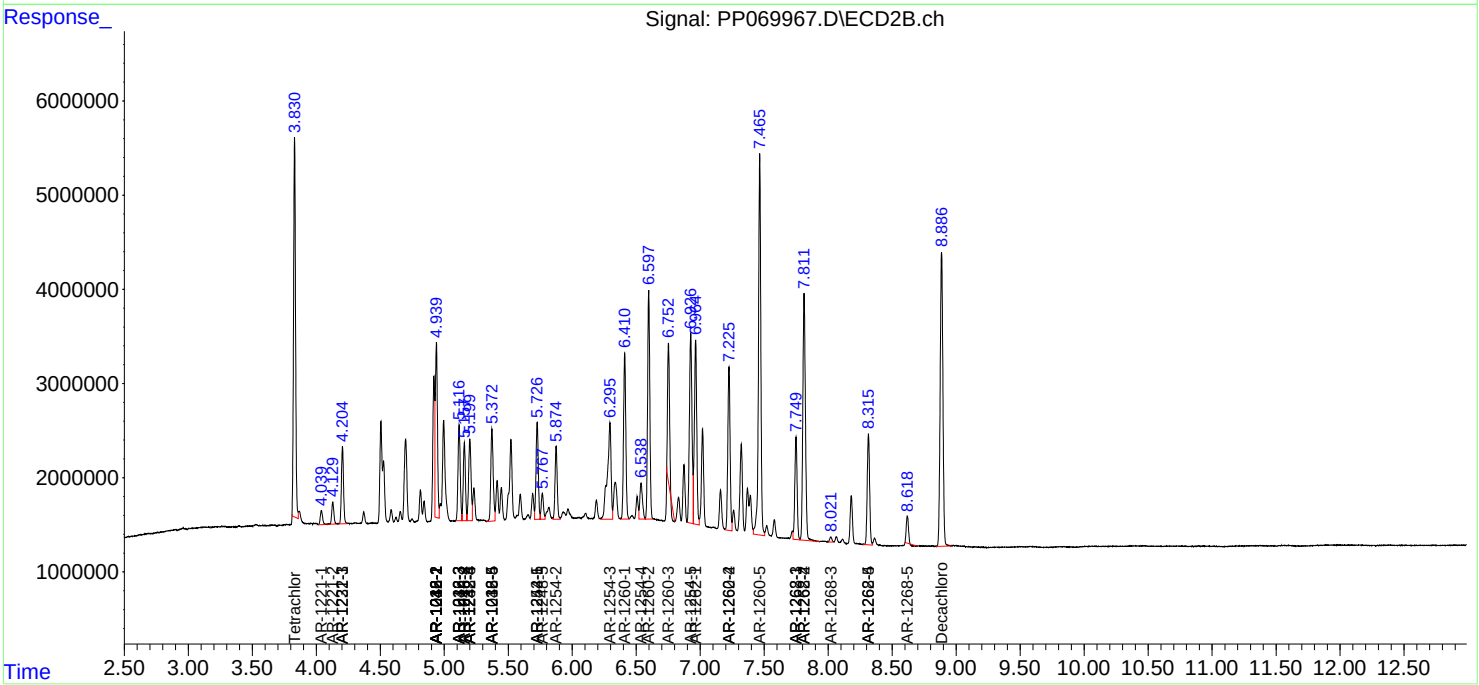
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 14:58
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

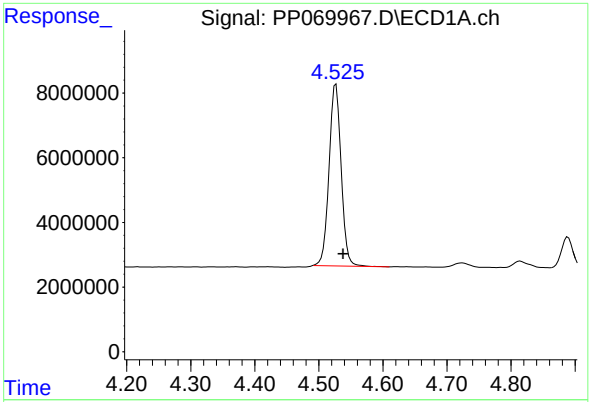
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



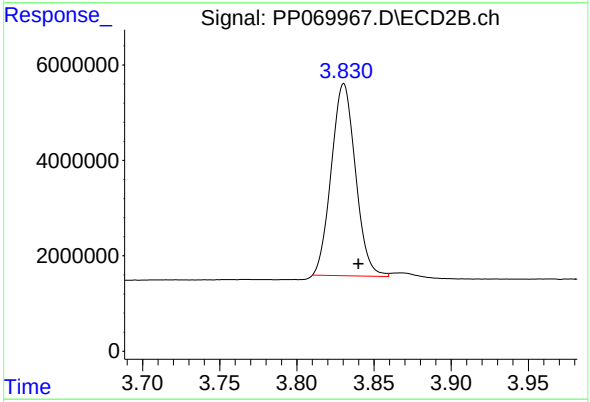




#1 Tetrachloro-m-xylene

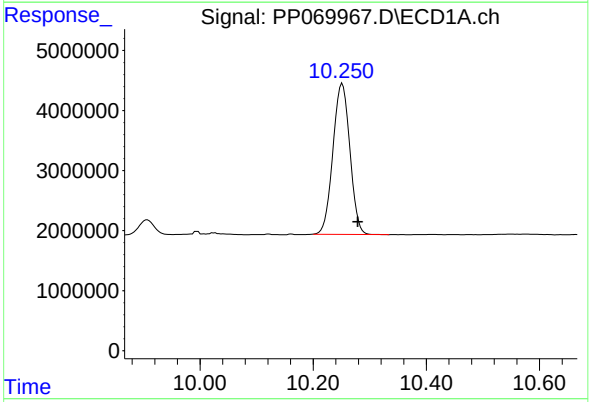
R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 73678127
Conc: 51.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



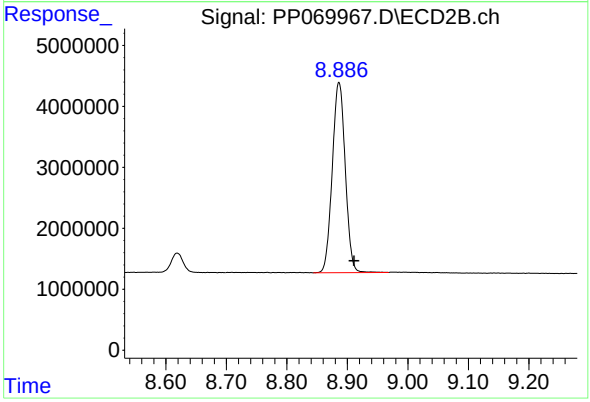
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 43823523
Conc: 49.10 ng/ml



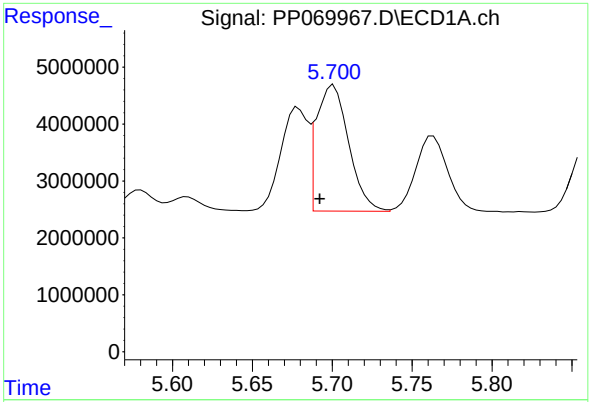
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: -0.027 min
Response: 52329822
Conc: 47.88 ng/ml



#2 Decachlorobiphenyl

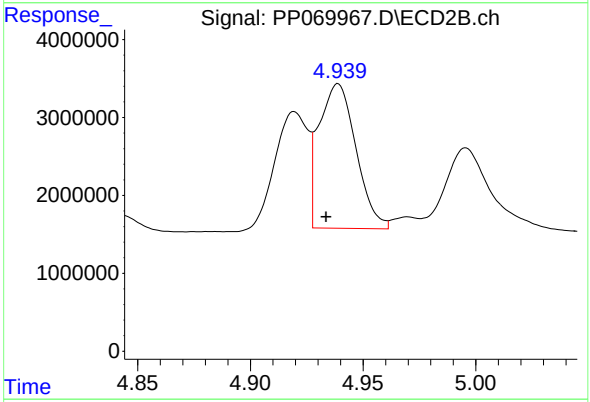
R.T.: 8.886 min
Delta R.T.: -0.025 min
Response: 46541434
Conc: 41.61 ng/ml



#3 AR-1016-1

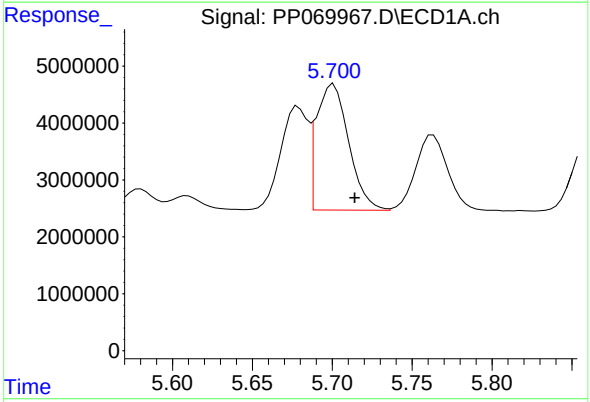
R.T.: 5.701 min
Delta R.T.: 0.009 min
Response: 31210044
Conc: 673.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



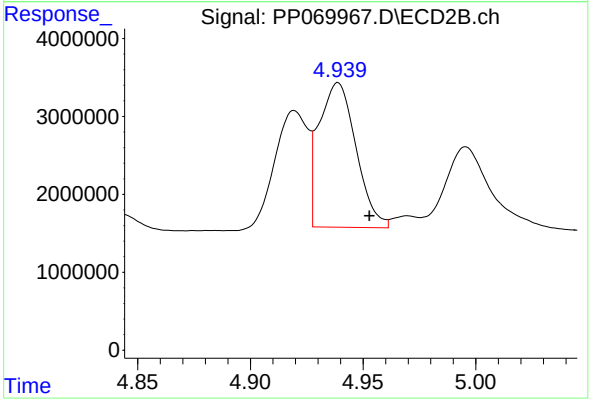
#3 AR-1016-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 21267679
Conc: 652.08 ng/ml



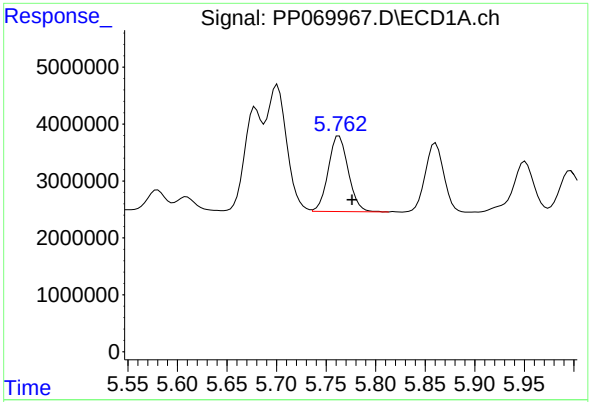
#4 AR-1016-2

R.T.: 5.701 min
Delta R.T.: -0.013 min
Response: 31210044
Conc: 459.80 ng/ml



#4 AR-1016-2

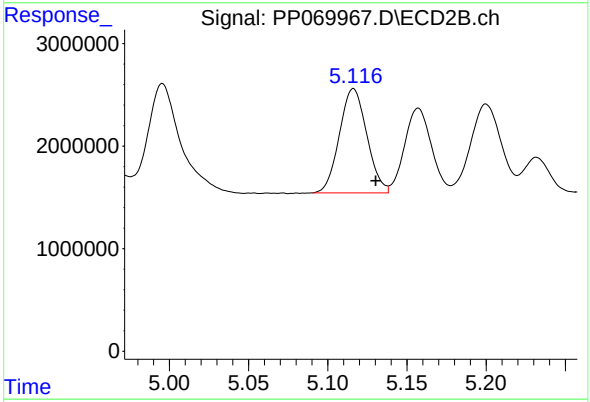
R.T.: 4.939 min
Delta R.T.: -0.014 min
Response: 21267679
Conc: 473.05 ng/ml



#5 AR-1016-3

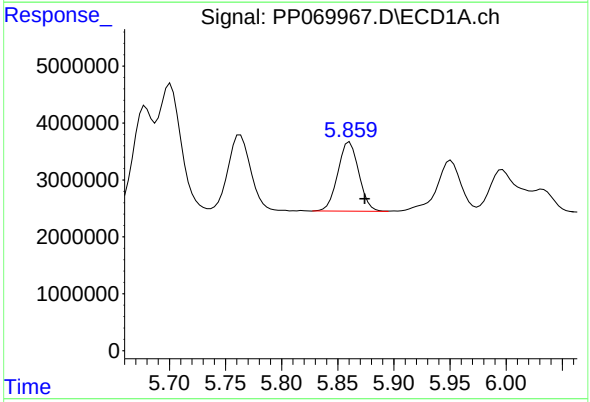
R.T.: 5.763 min
Delta R.T.: -0.013 min
Response: 18629990
Conc: 437.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



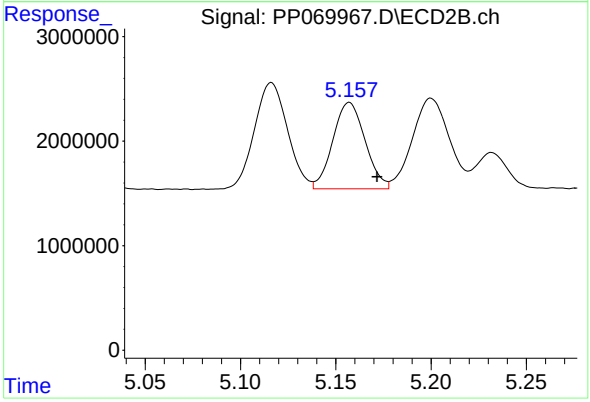
#5 AR-1016-3

R.T.: 5.116 min
Delta R.T.: -0.014 min
Response: 12271292
Conc: 493.14 ng/ml



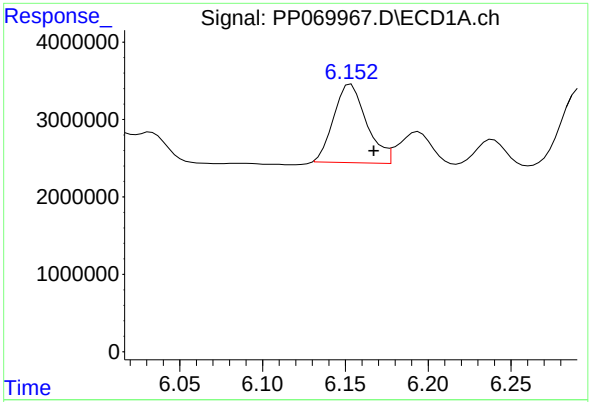
#6 AR-1016-4

R.T.: 5.861 min
Delta R.T.: -0.013 min
Response: 15841393
Conc: 452.61 ng/ml



#6 AR-1016-4

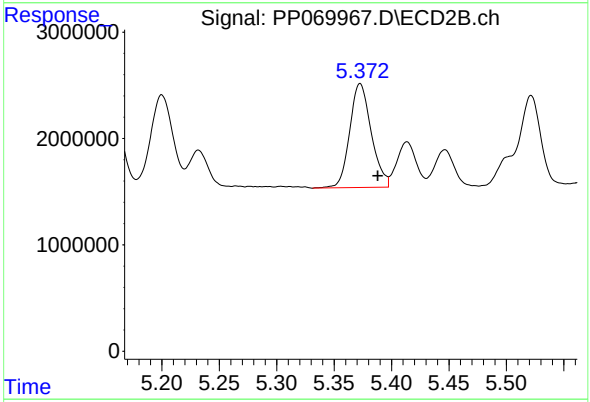
R.T.: 5.157 min
Delta R.T.: -0.014 min
Response: 9750420
Conc: 482.78 ng/ml



#7 AR-1016-5

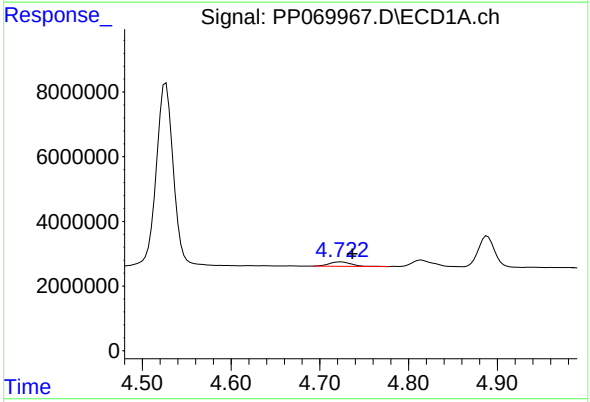
R.T.: 6.153 min
Delta R.T.: -0.014 min
Response: 14009075
Conc: 423.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



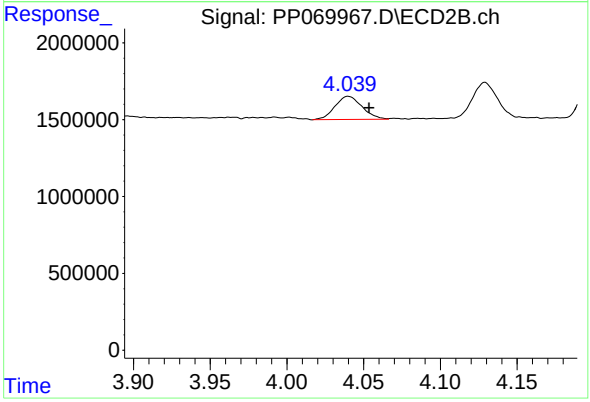
#7 AR-1016-5

R.T.: 5.373 min
Delta R.T.: -0.015 min
Response: 12811191
Conc: 477.60 ng/ml



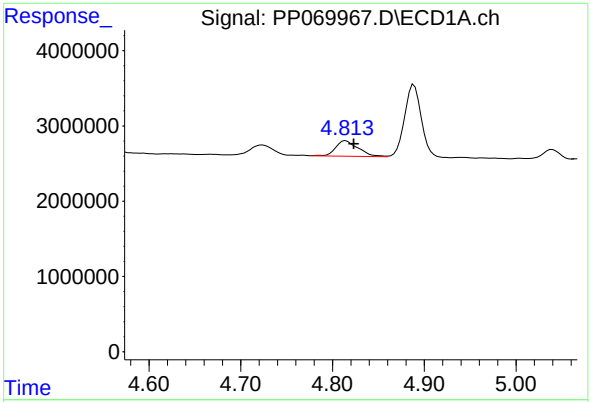
#8 AR-1221-1

R.T.: 4.724 min
Delta R.T.: -0.013 min
Response: 2318212
Conc: 121.89 ng/ml



#8 AR-1221-1

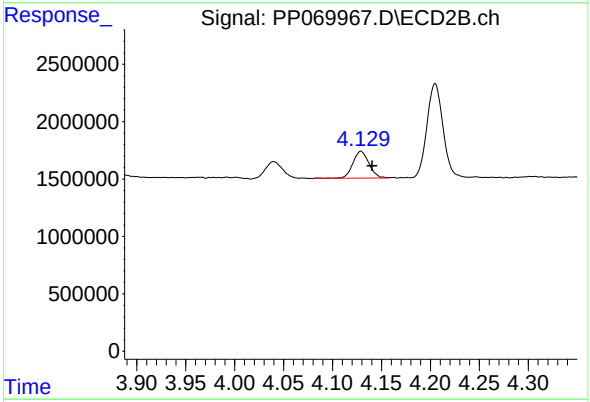
R.T.: 4.040 min
Delta R.T.: -0.014 min
Response: 1857262
Conc: 150.78 ng/ml



#9 AR-1221-2

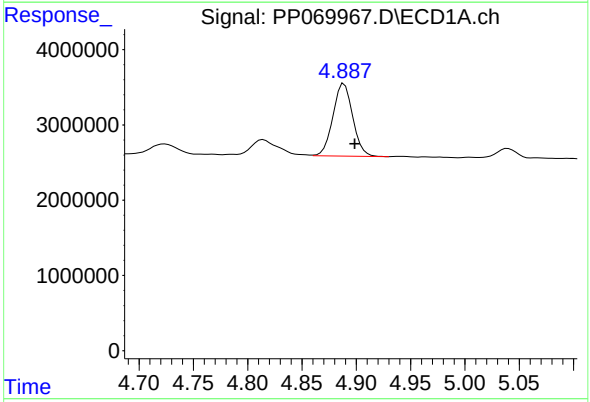
R.T.: 4.814 min
Delta R.T.: -0.009 min
Response: 3543861
Conc: 258.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



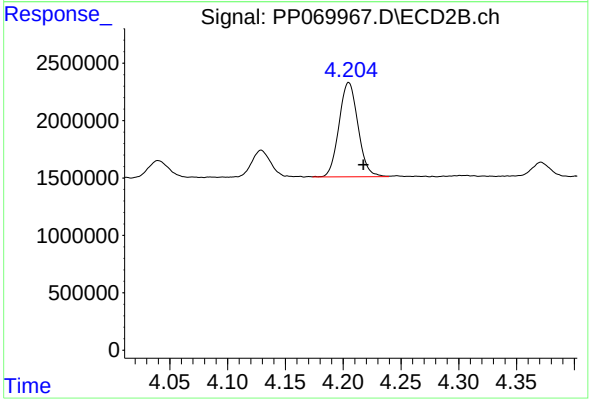
#9 AR-1221-2

R.T.: 4.129 min
Delta R.T.: -0.011 min
Response: 2678557
Conc: 276.61 ng/ml



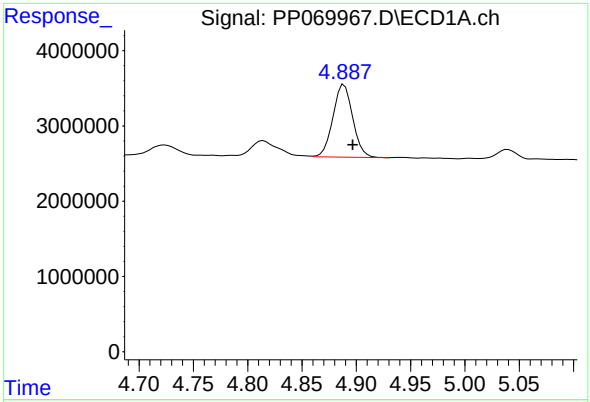
#10 AR-1221-3

R.T.: 4.889 min
Delta R.T.: -0.010 min
Response: 12211348
Conc: 291.14 ng/ml



#10 AR-1221-3

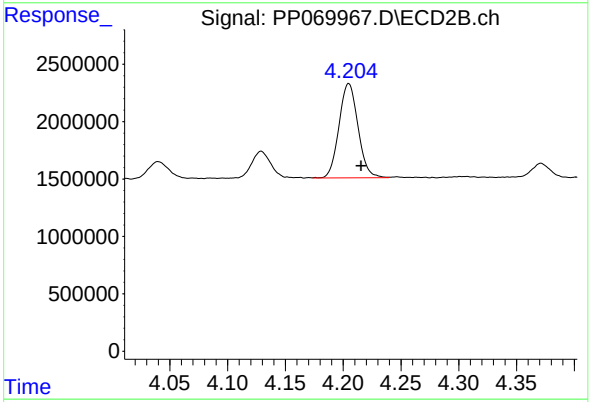
R.T.: 4.205 min
Delta R.T.: -0.013 min
Response: 9362136
Conc: 320.91 ng/ml



#11 AR-1232-1

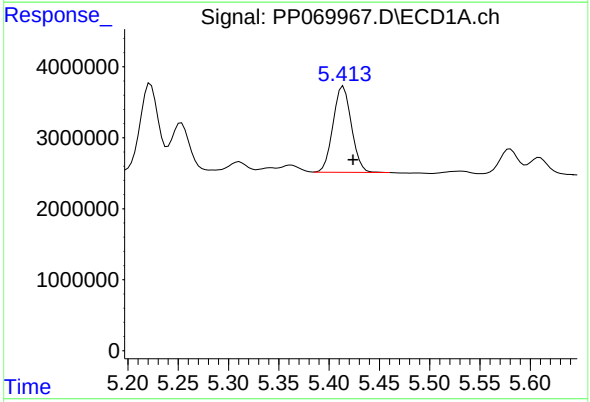
R.T.: 4.889 min
Delta R.T.: -0.008 min
Response: 12211348
Conc: 366.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



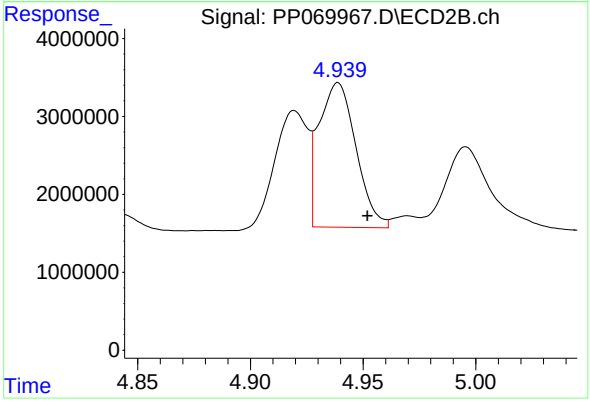
#11 AR-1232-1

R.T.: 4.205 min
Delta R.T.: -0.011 min
Response: 9362136
Conc: 398.74 ng/ml



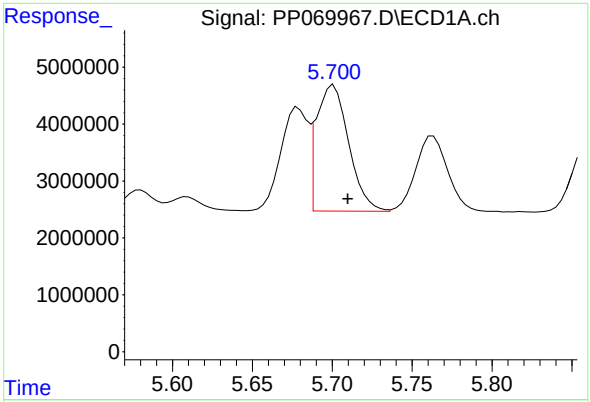
#12 AR-1232-2

R.T.: 5.414 min
Delta R.T.: -0.009 min
Response: 15369033
Conc: 940.46 ng/ml



#12 AR-1232-2

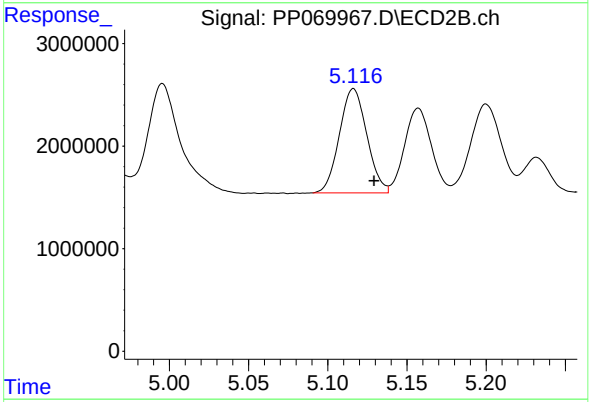
R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 21267679
Conc: 902.25 ng/ml



#13 AR-1232-3

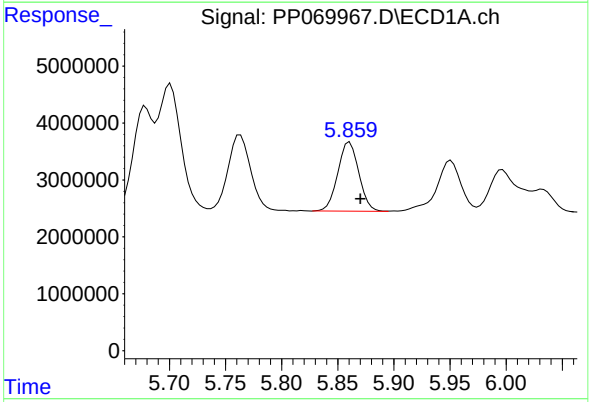
R.T.: 5.701 min
Delta R.T.: -0.009 min
Response: 31210044
Conc: 908.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



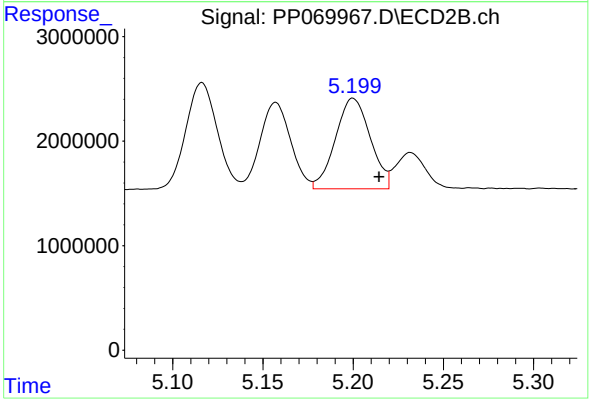
#13 AR-1232-3

R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 12271292
Conc: 947.79 ng/ml



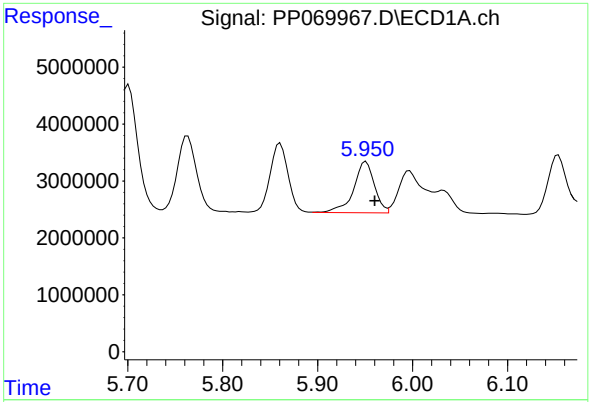
#14 AR-1232-4

R.T.: 5.861 min
Delta R.T.: -0.009 min
Response: 15841393
Conc: 889.16 ng/ml



#14 AR-1232-4

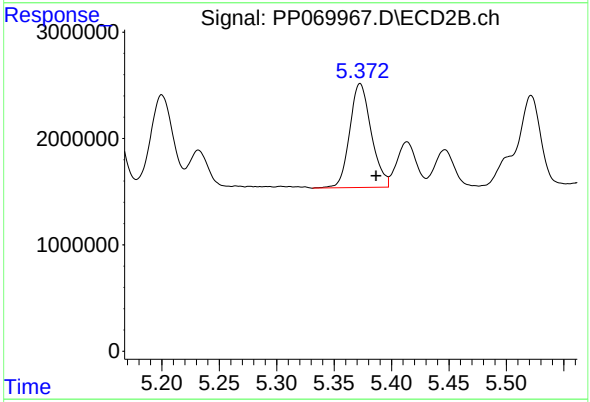
R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 11646202
Conc: 1050.50 ng/ml



#15 AR-1232-5

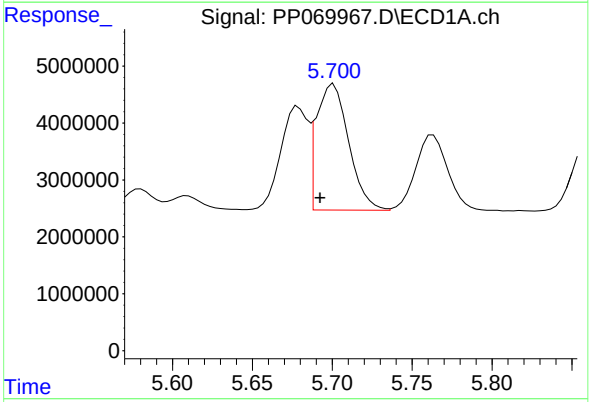
R.T.: 5.951 min
Delta R.T.: -0.009 min
Response: 13664338
Conc: 1192.10 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



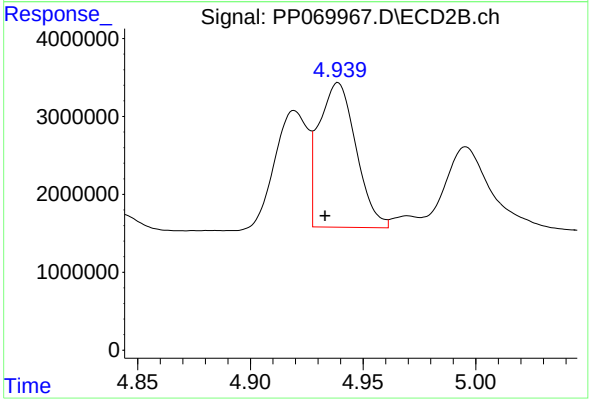
#15 AR-1232-5

R.T.: 5.373 min
Delta R.T.: -0.014 min
Response: 12811191
Conc: 1049.21 ng/ml



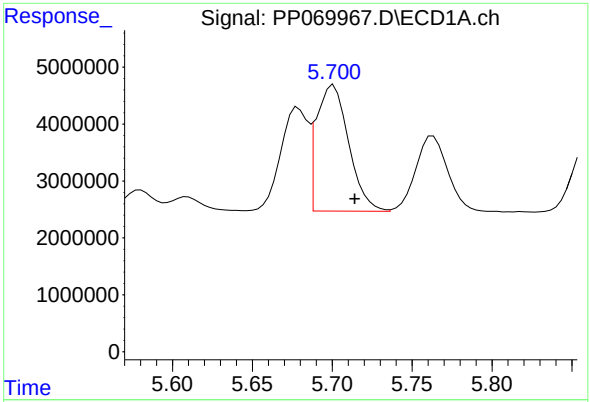
#16 AR-1242-1

R.T.: 5.701 min
Delta R.T.: 0.009 min
Response: 31210044
Conc: 748.35 ng/ml



#16 AR-1242-1

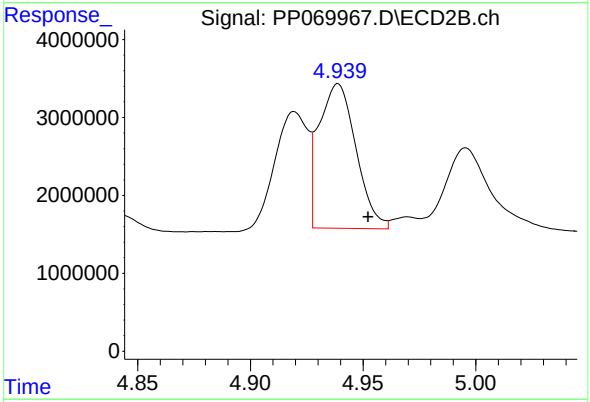
R.T.: 4.939 min
Delta R.T.: 0.006 min
Response: 21267679
Conc: 737.64 ng/ml



#17 AR-1242-2

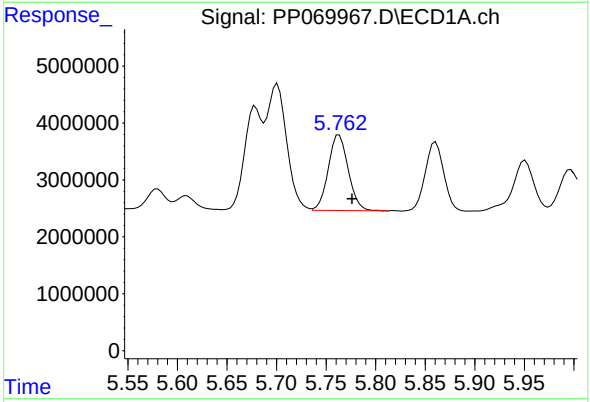
R.T.: 5.701 min
Delta R.T.: -0.013 min
Response: 31210044
Conc: 529.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



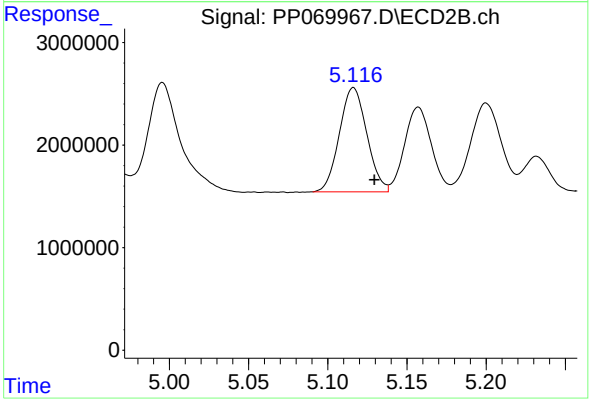
#17 AR-1242-2

R.T.: 4.939 min
Delta R.T.: -0.013 min
Response: 21267679
Conc: 539.82 ng/ml



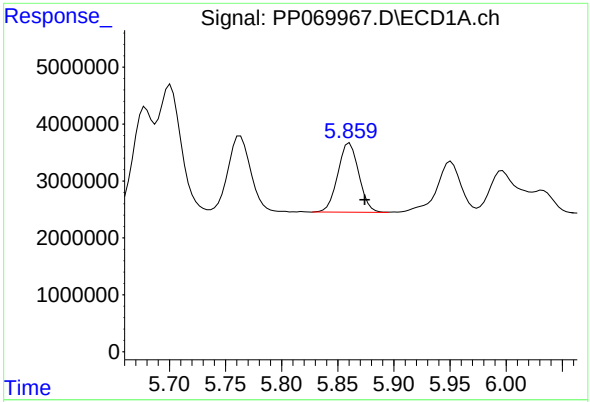
#18 AR-1242-3

R.T.: 5.763 min
Delta R.T.: -0.013 min
Response: 18629990
Conc: 502.17 ng/ml



#18 AR-1242-3

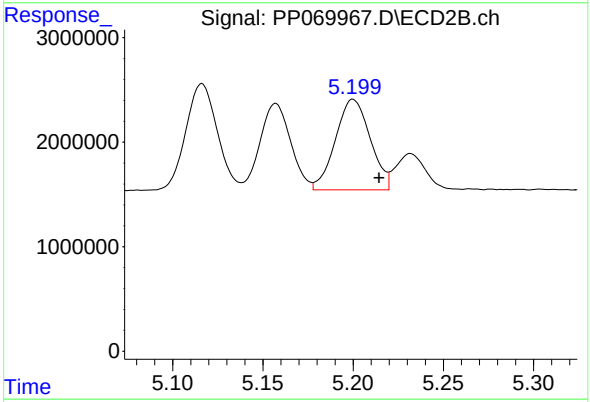
R.T.: 5.116 min
Delta R.T.: -0.013 min
Response: 12271292
Conc: 545.29 ng/ml



#19 AR-1242-4

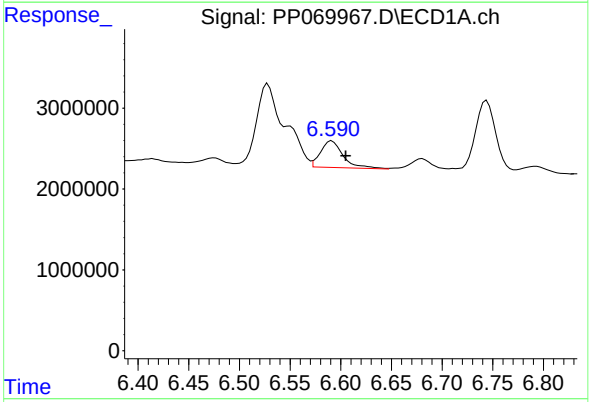
R.T.: 5.861 min
Delta R.T.: -0.013 min
Response: 15841393
Conc: 483.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



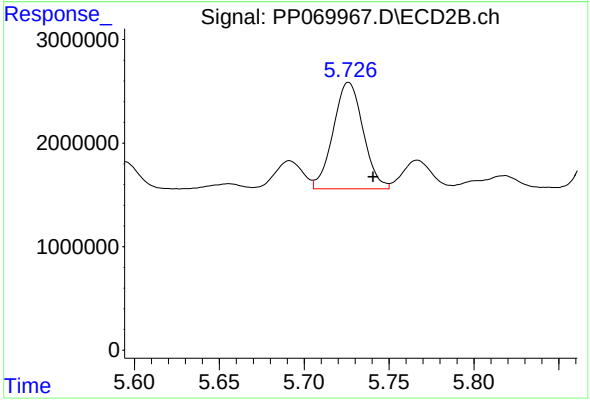
#19 AR-1242-4

R.T.: 5.200 min
Delta R.T.: -0.014 min
Response: 11646202
Conc: 539.62 ng/ml



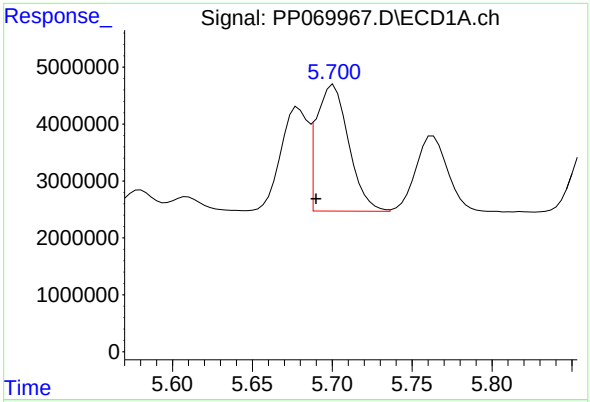
#20 AR-1242-5

R.T.: 6.591 min
Delta R.T.: -0.014 min
Response: 5152383
Conc: 158.12 ng/ml



#20 AR-1242-5

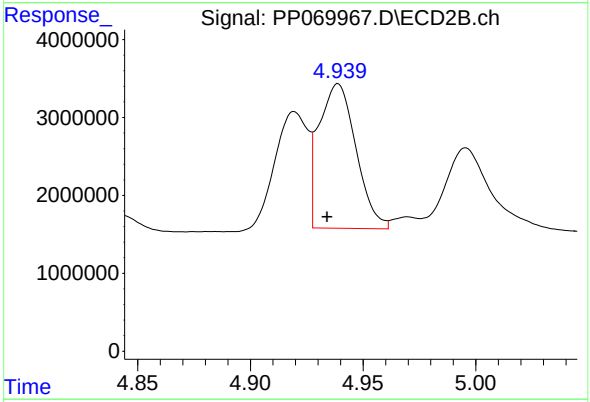
R.T.: 5.726 min
Delta R.T.: -0.014 min
Response: 12619084
Conc: 438.64 ng/ml



#21 AR-1248-1

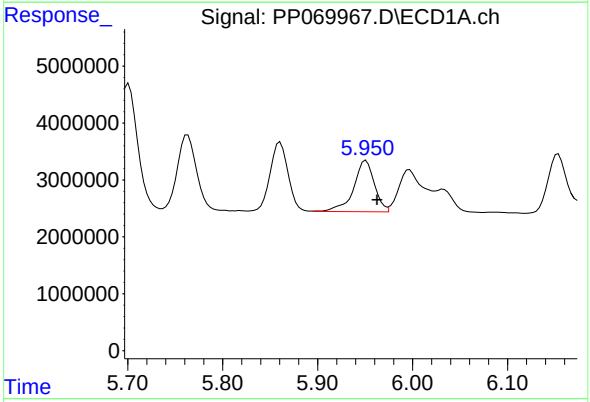
R.T.: 5.701 min
Delta R.T.: 0.011 min
Response: 31210044
Conc: 962.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



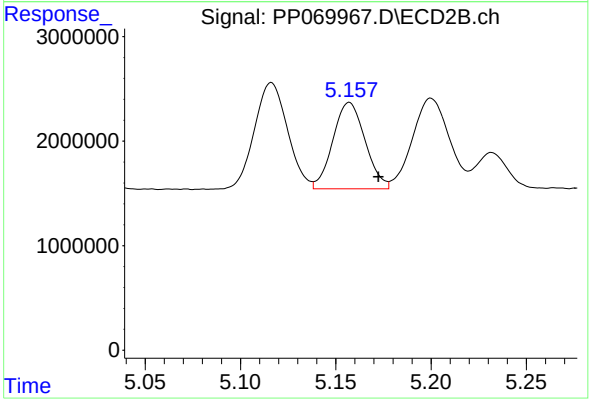
#21 AR-1248-1

R.T.: 4.939 min
Delta R.T.: 0.005 min
Response: 21267679
Conc: 966.25 ng/ml



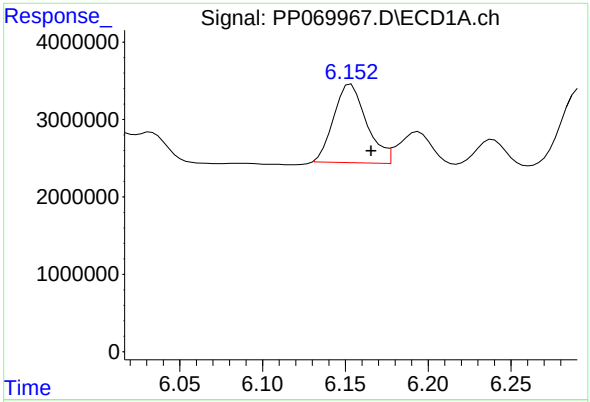
#22 AR-1248-2

R.T.: 5.951 min
Delta R.T.: -0.012 min
Response: 13664338
Conc: 321.92 ng/ml



#22 AR-1248-2

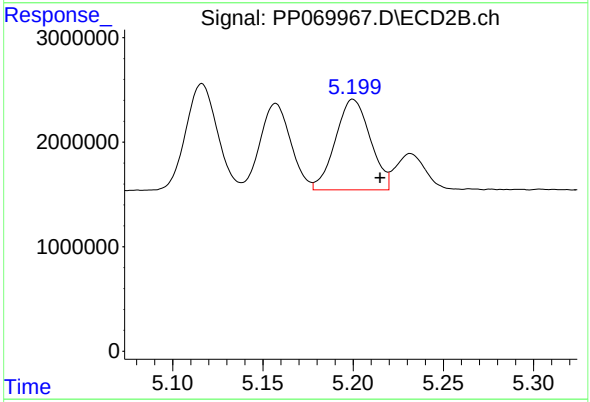
R.T.: 5.157 min
Delta R.T.: -0.015 min
Response: 9750420
Conc: 324.32 ng/ml



#23 AR-1248-3

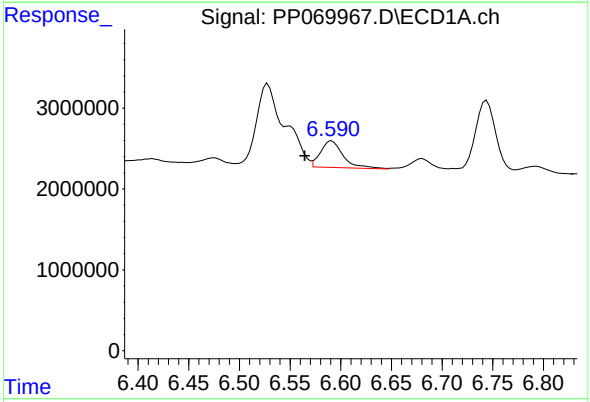
R.T.: 6.153 min
Delta R.T.: -0.012 min
Response: 14009075
Conc: 298.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



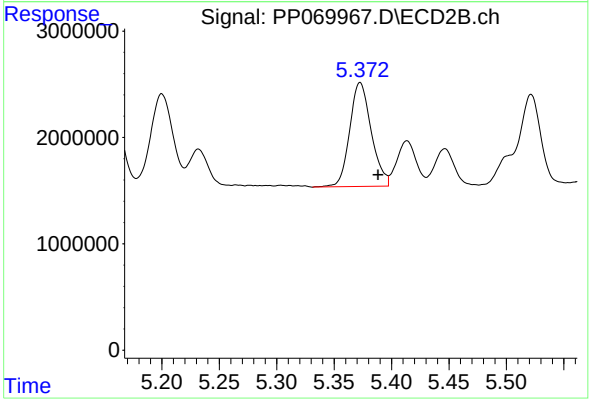
#23 AR-1248-3

R.T.: 5.200 min
Delta R.T.: -0.015 min
Response: 11646202
Conc: 375.87 ng/ml



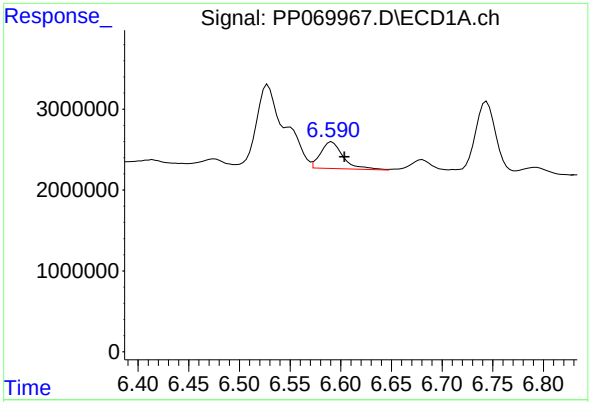
#24 AR-1248-4

R.T.: 6.591 min
Delta R.T.: 0.027 min
Response: 5152383
Conc: 93.47 ng/ml



#24 AR-1248-4

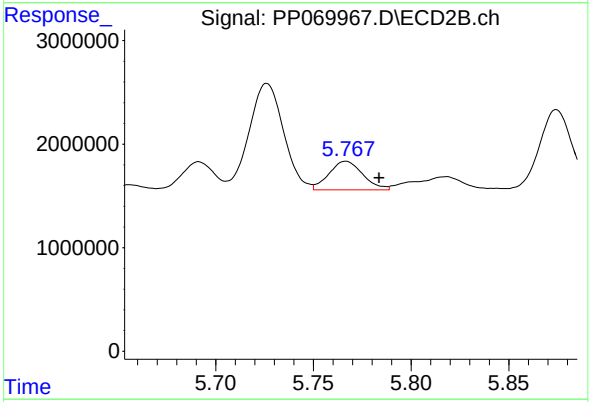
R.T.: 5.373 min
Delta R.T.: -0.016 min
Response: 12811191
Conc: 346.78 ng/ml



#25 AR-1248-5

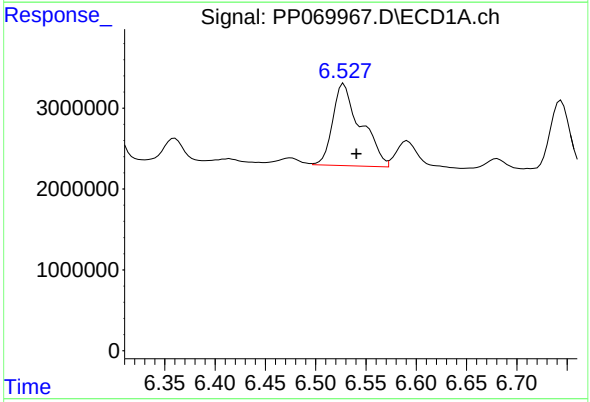
R.T.: 6.591 min
Delta R.T.: -0.012 min
Response: 5152383
Conc: 96.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



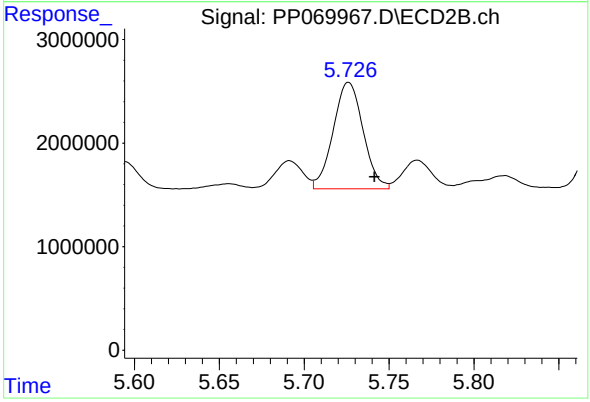
#25 AR-1248-5

R.T.: 5.767 min
Delta R.T.: -0.017 min
Response: 3343740
Conc: 89.43 ng/ml



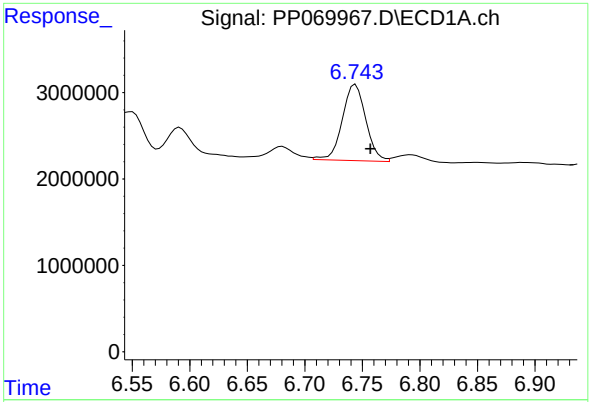
#26 AR-1254-1

R.T.: 6.528 min
Delta R.T.: -0.013 min
Response: 19619817
Conc: 339.07 ng/ml



#26 AR-1254-1

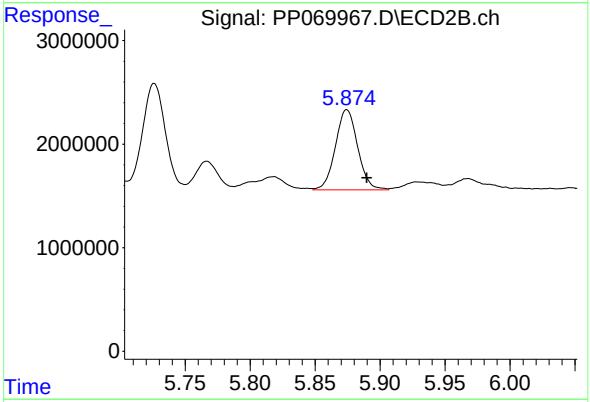
R.T.: 5.726 min
Delta R.T.: -0.015 min
Response: 12619084
Conc: 229.21 ng/ml



#27 AR-1254-2

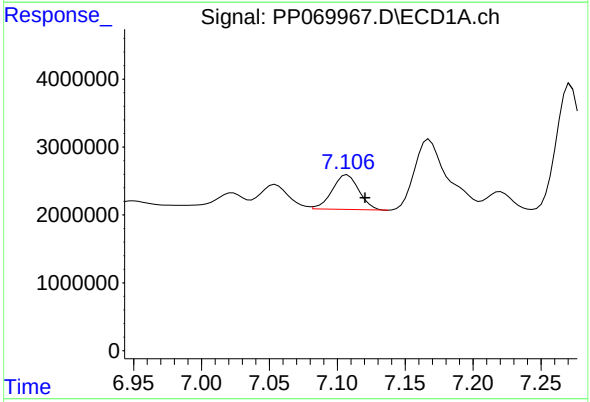
R.T.: 6.744 min
Delta R.T.: -0.013 min
Response: 12612672
Conc: 157.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



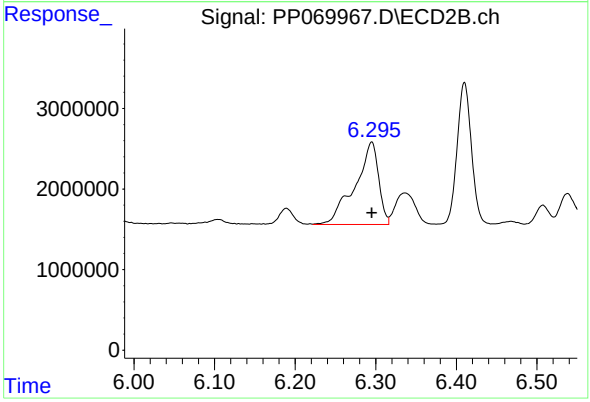
#27 AR-1254-2

R.T.: 5.874 min
Delta R.T.: -0.015 min
Response: 9226059
Conc: 190.74 ng/ml



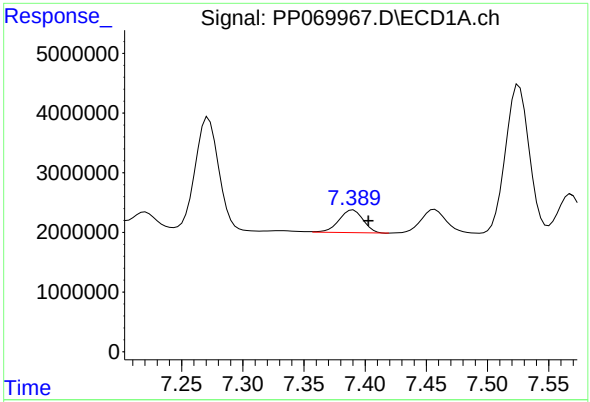
#28 AR-1254-3

R.T.: 7.107 min
Delta R.T.: -0.013 min
Response: 6967873
Conc: 82.67 ng/ml



#28 AR-1254-3

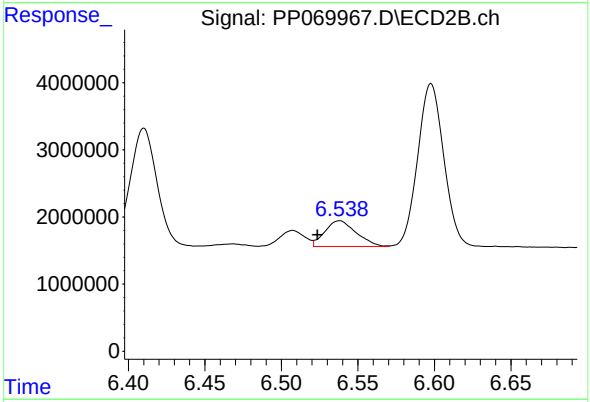
R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 20819158
Conc: 274.31 ng/ml



#29 AR-1254-4

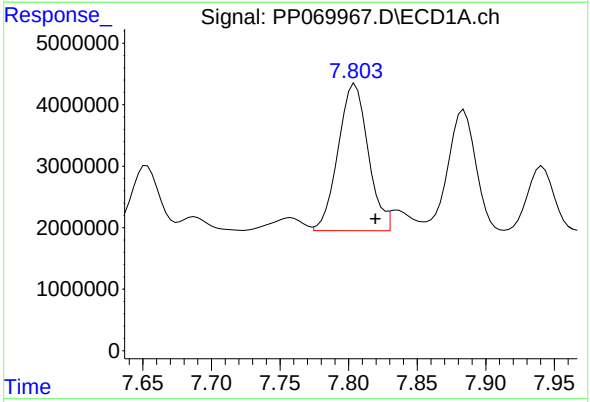
R.T.: 7.390 min
Delta R.T.: -0.012 min
Response: 5220890
Conc: 76.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



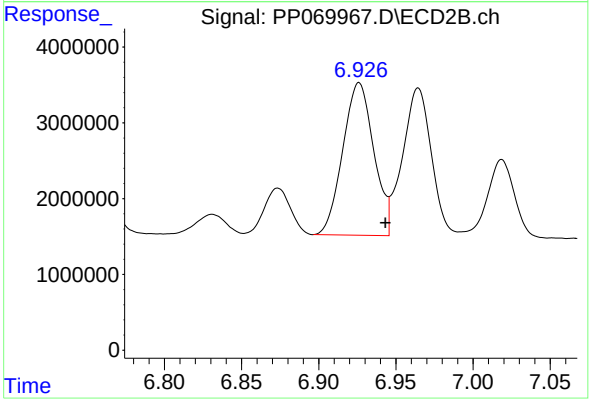
#29 AR-1254-4

R.T.: 6.538 min
Delta R.T.: 0.014 min
Response: 5473390
Conc: 106.80 ng/ml



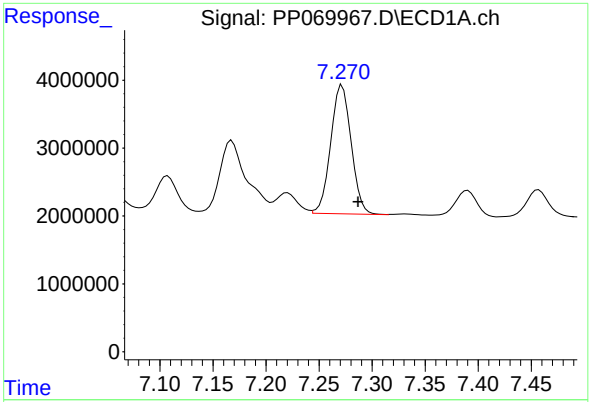
#30 AR-1254-5

R.T.: 7.805 min
Delta R.T.: -0.015 min
Response: 36341663
Conc: 534.07 ng/ml



#30 AR-1254-5

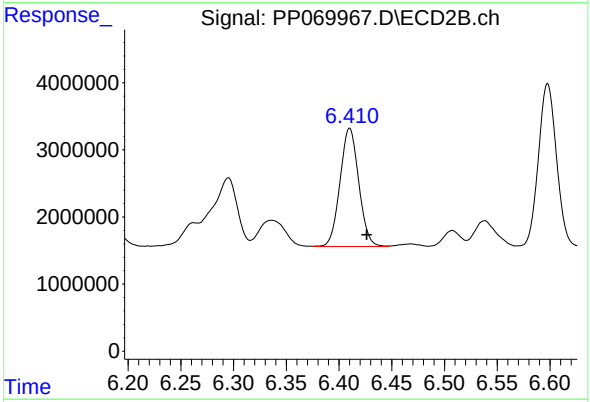
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 28133267
Conc: 422.67 ng/ml



#31 AR-1260-1

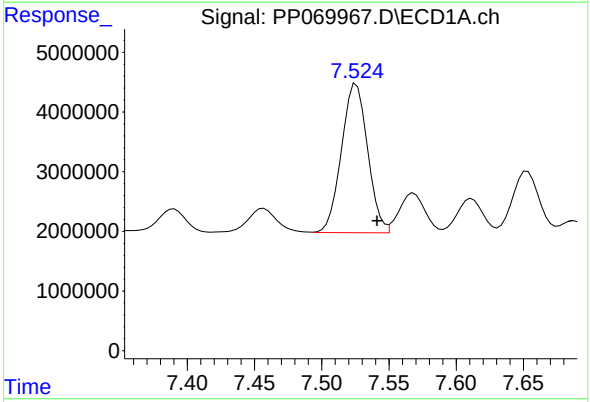
R.T.: 7.272 min
Delta R.T.: -0.015 min
Response: 25511138
Conc: 436.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



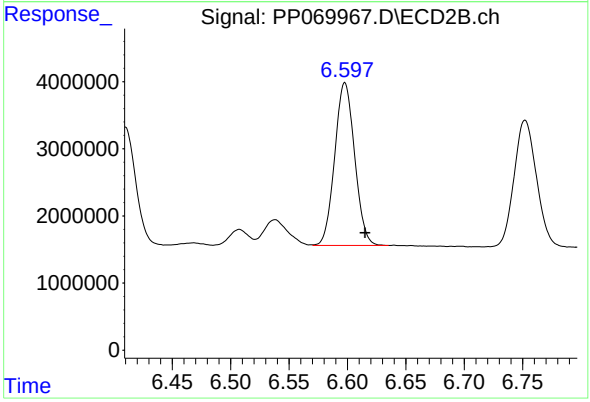
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.016 min
Response: 21758196
Conc: 451.14 ng/ml



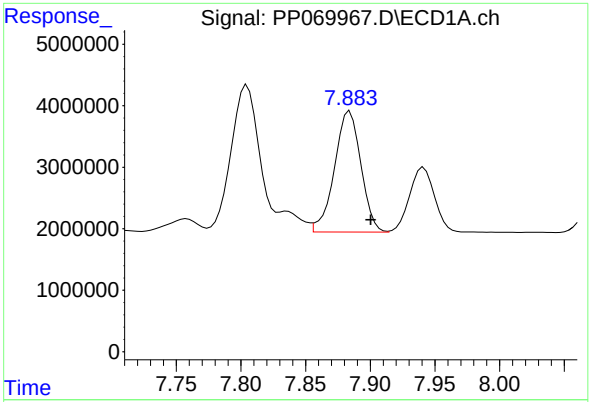
#32 AR-1260-2

R.T.: 7.526 min
Delta R.T.: -0.015 min
Response: 33827854
Conc: 434.73 ng/ml



#32 AR-1260-2

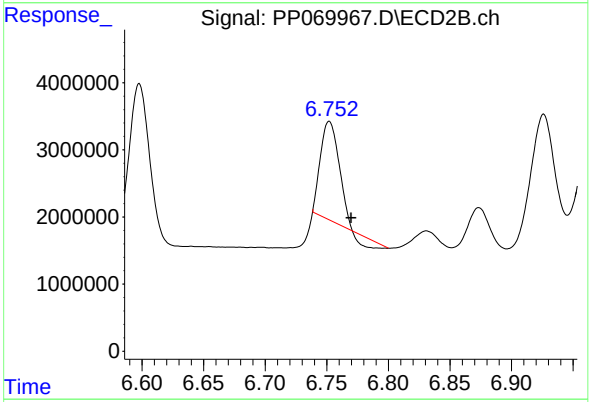
R.T.: 6.598 min
Delta R.T.: -0.017 min
Response: 28818443
Conc: 470.09 ng/ml



#33 AR-1260-3

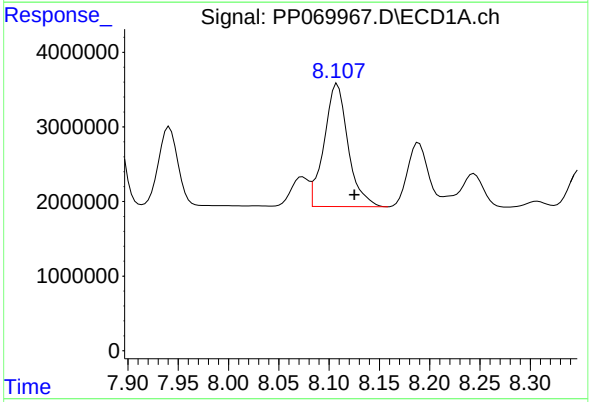
R.T.: 7.884 min
Delta R.T.: -0.016 min
Response: 27955984
Conc: 447.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



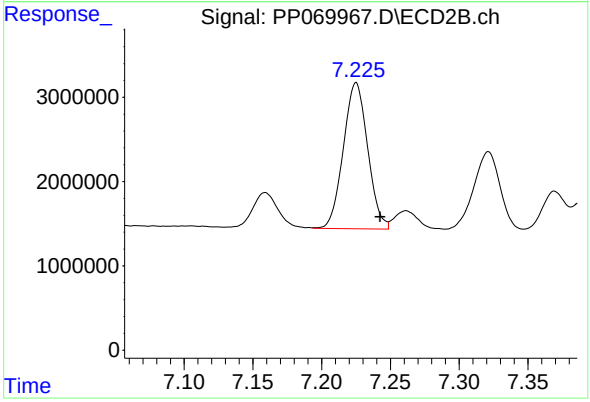
#33 AR-1260-3

R.T.: 6.752 min
Delta R.T.: -0.018 min
Response: 14145187
Conc: 235.14 ng/ml



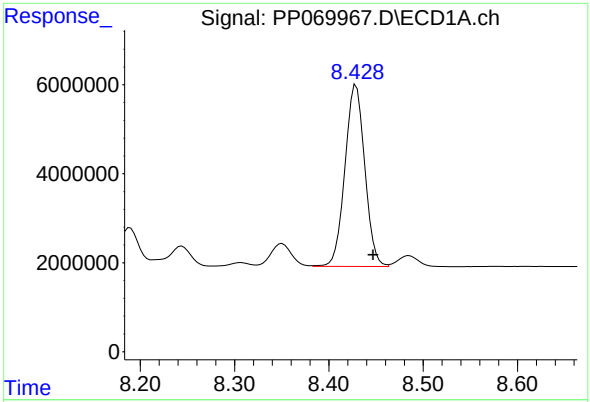
#34 AR-1260-4

R.T.: 8.108 min
Delta R.T.: -0.017 min
Response: 27228376
Conc: 412.70 ng/ml



#34 AR-1260-4

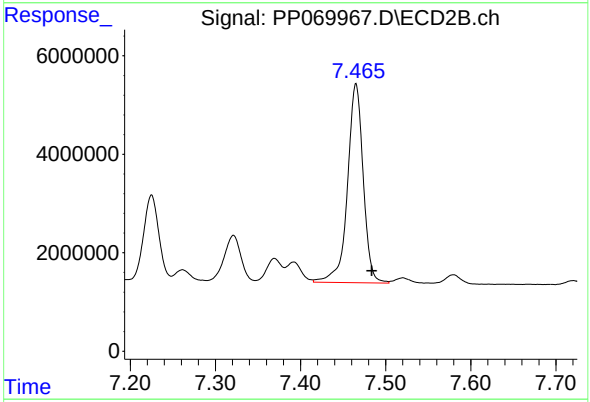
R.T.: 7.225 min
Delta R.T.: -0.017 min
Response: 21375365
Conc: 460.00 ng/ml



#35 AR-1260-5

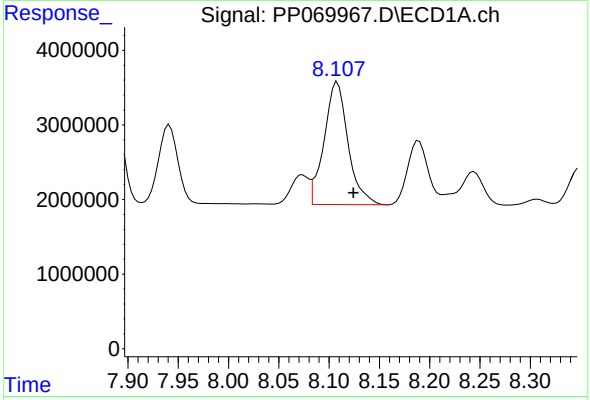
R.T.: 8.429 min
Delta R.T.: -0.018 min
Response: 59662389
Conc: 455.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



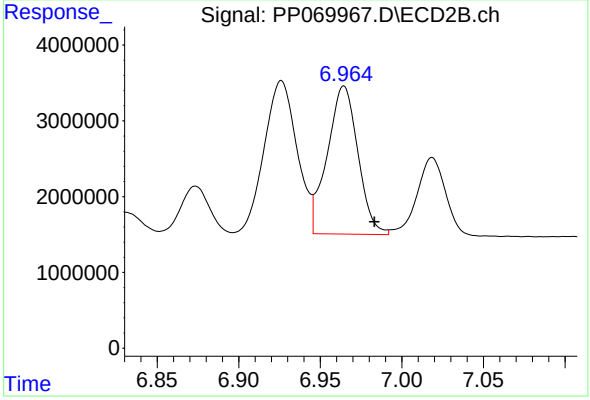
#35 AR-1260-5

R.T.: 7.465 min
Delta R.T.: -0.018 min
Response: 52015623
Conc: 468.00 ng/ml



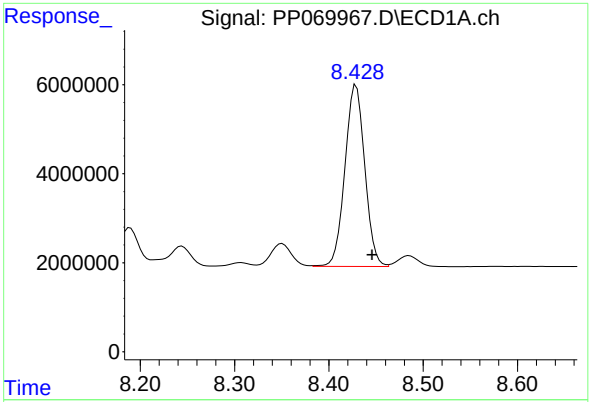
#36 AR-1262-1

R.T.: 8.108 min
Delta R.T.: -0.016 min
Response: 27228376
Conc: 344.58 ng/ml



#36 AR-1262-1

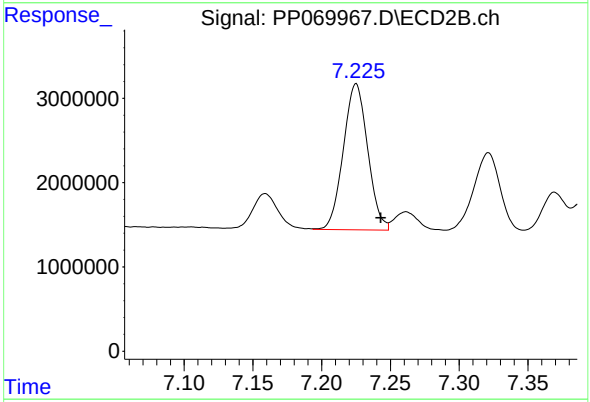
R.T.: 6.964 min
Delta R.T.: -0.019 min
Response: 25521307
Conc: 359.39 ng/ml



#37 AR-1262-2

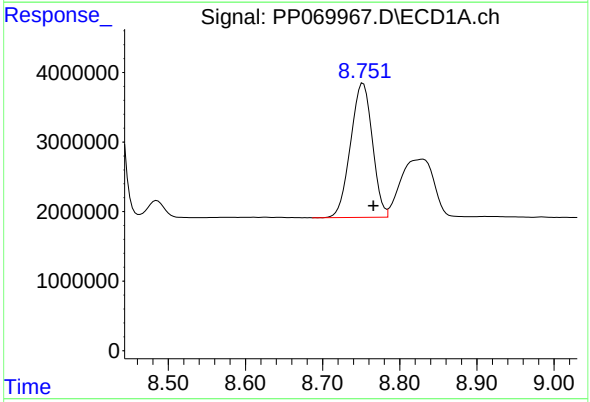
R.T.: 8.429 min
Delta R.T.: -0.017 min
Response: 59662389
Conc: 390.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



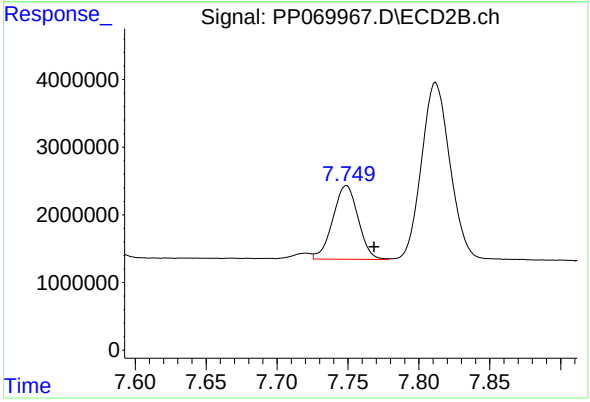
#37 AR-1262-2

R.T.: 7.225 min
Delta R.T.: -0.018 min
Response: 21375365
Conc: 350.53 ng/ml



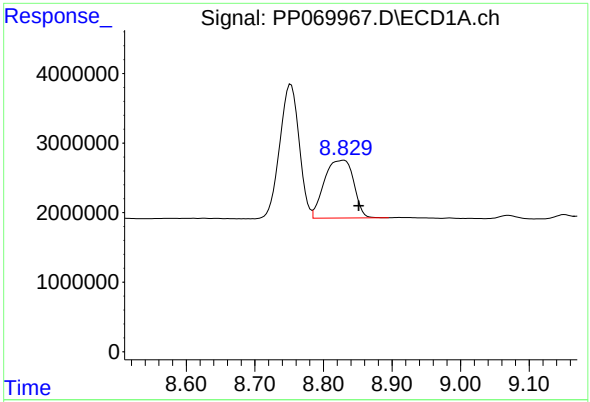
#38 AR-1262-3

R.T.: 8.753 min
Delta R.T.: -0.013 min
Response: 37911064
Conc: 356.71 ng/ml



#38 AR-1262-3

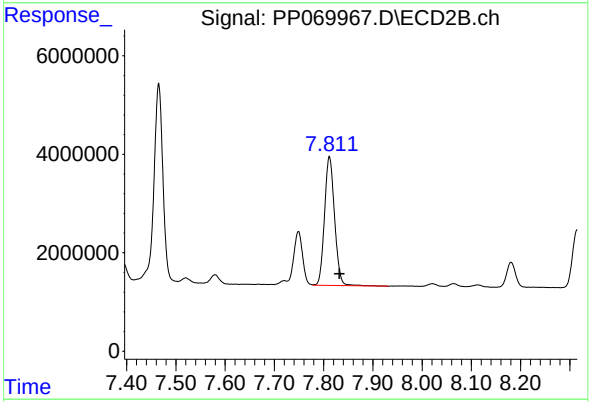
R.T.: 7.749 min
Delta R.T.: -0.020 min
Response: 13554785
Conc: 259.18 ng/ml



#39 AR-1262-4

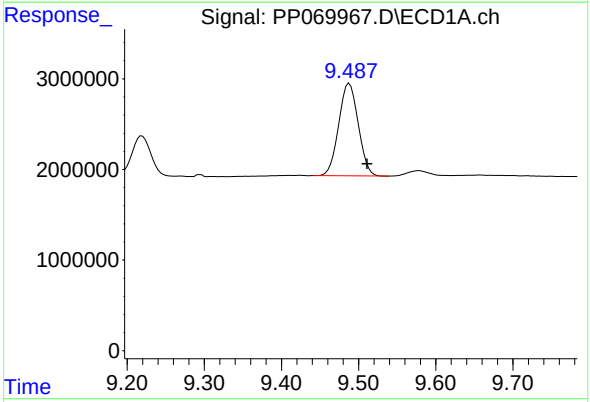
R.T.: 8.830 min
Delta R.T.: -0.022 min
Response: 24835305
Conc: 303.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



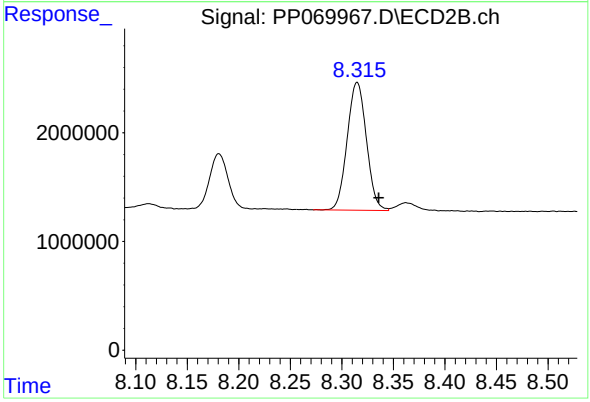
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 37137721
Conc: 401.76 ng/ml



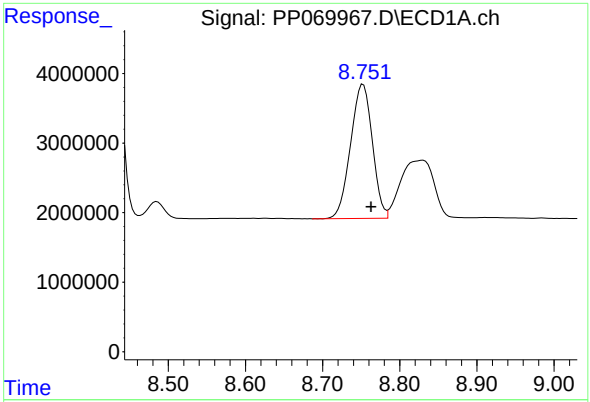
#40 AR-1262-5

R.T.: 9.488 min
Delta R.T.: -0.023 min
Response: 17922830
Conc: 316.60 ng/ml



#40 AR-1262-5

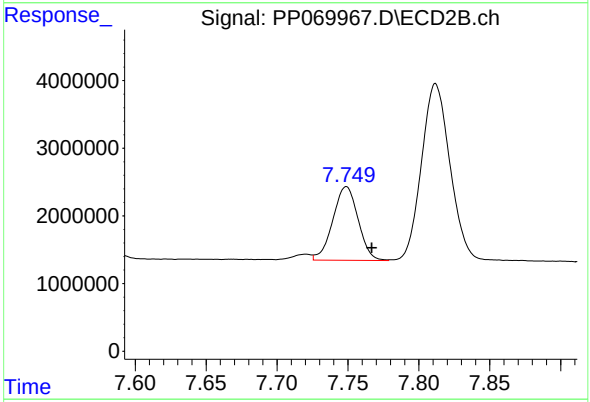
R.T.: 8.315 min
Delta R.T.: -0.021 min
Response: 15276191
Conc: 319.64 ng/ml



#41 AR-1268-1

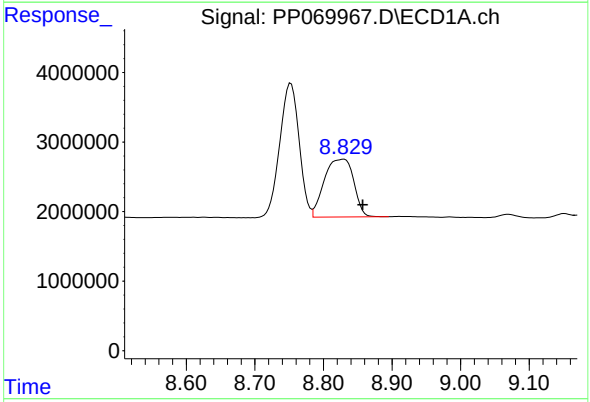
R.T.: 8.753 min
Delta R.T.: -0.010 min
Response: 37911064
Conc: 214.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



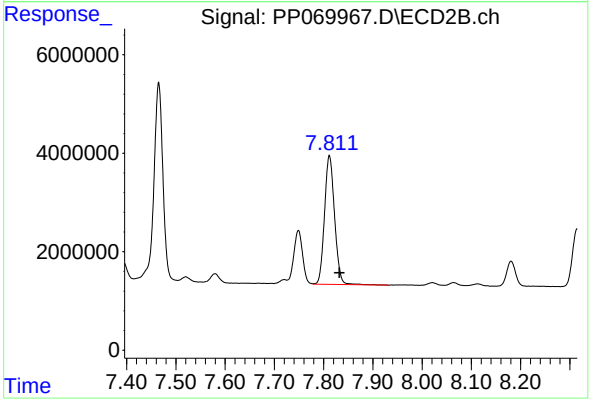
#41 AR-1268-1

R.T.: 7.749 min
Delta R.T.: -0.018 min
Response: 13554785
Conc: 93.40 ng/ml



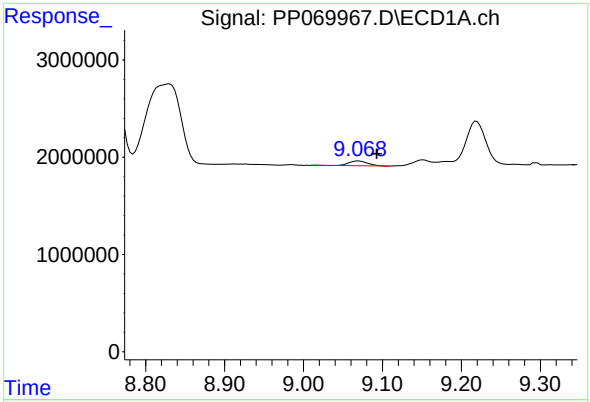
#42 AR-1268-2

R.T.: 8.830 min
Delta R.T.: -0.027 min
Response: 24835305
Conc: 157.81 ng/ml



#42 AR-1268-2

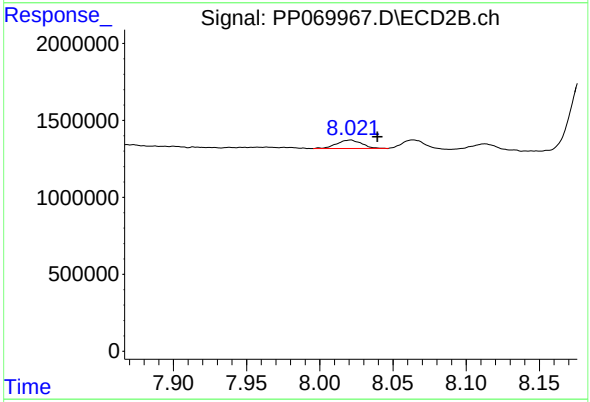
R.T.: 7.812 min
Delta R.T.: -0.020 min
Response: 37137721
Conc: 279.62 ng/ml



#43 AR-1268-3

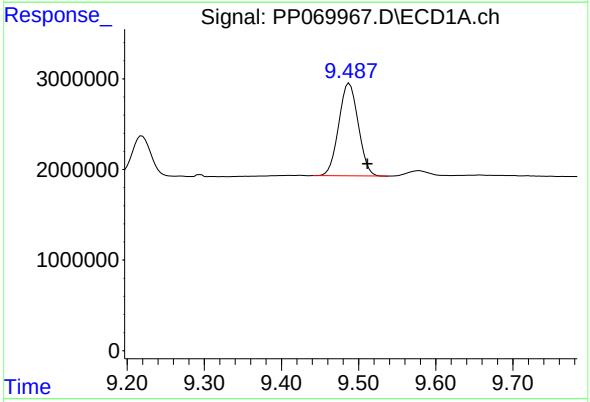
R.T.: 9.070 min
Delta R.T.: -0.023 min
Response: 838063
Conc: 6.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



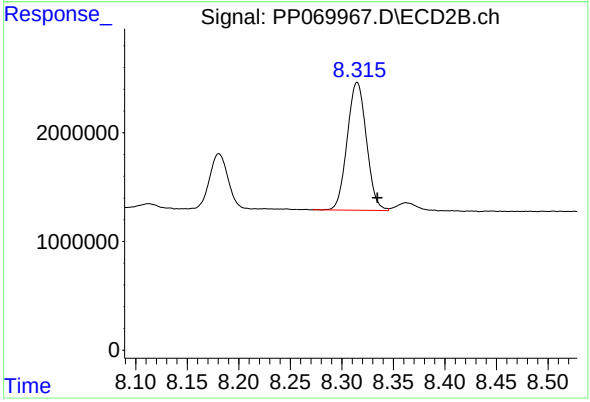
#43 AR-1268-3

R.T.: 8.021 min
Delta R.T.: -0.019 min
Response: 650072
Conc: 5.72 ng/ml



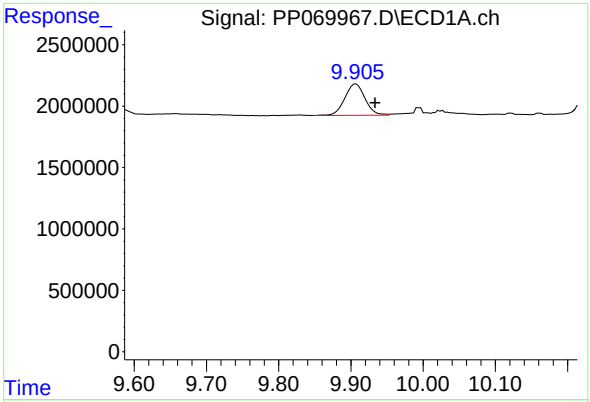
#44 AR-1268-4

R.T.: 9.488 min
Delta R.T.: -0.023 min
Response: 17922830
Conc: 305.22 ng/ml



#44 AR-1268-4

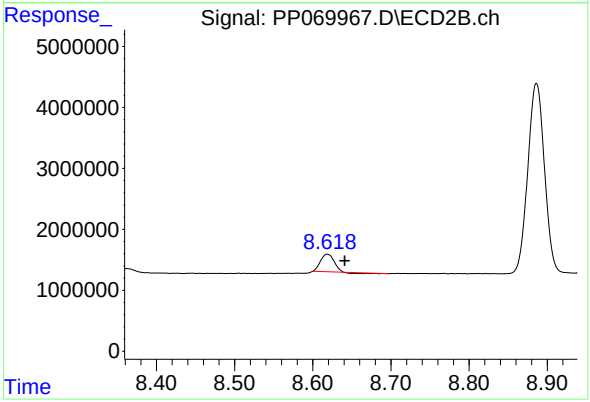
R.T.: 8.315 min
Delta R.T.: -0.020 min
Response: 15276191
Conc: 293.33 ng/ml



#45 AR-1268-5

R.T.: 9.907 min
Delta R.T.: -0.027 min
Response: 4947686
Conc: 12.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.619 min
Delta R.T.: -0.022 min
Response: 3189102
Conc: 8.95 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069970.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 15:47
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:19:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.523	3.829	75756695	42278640	52.922	47.369	
2)	SA Decachlor...	10.248	8.886	53545197	49085586	48.994	43.886	
	Target Compounds							
3)	L1 AR-1016-1	5.675	4.937	778249	397527	16.797	12.188	#
4)	L1 AR-1016-2	5.675f	4.937	778249	397527	11.466	8.842	
5)	L1 AR-1016-3	0.000	5.115	0	272707	N.D.	10.959	#
6)	L1 AR-1016-4	0.000	5.156	0	10714138	N.D.	530.501	#
7)	L1 AR-1016-5	6.150	5.371	6728716	7419546	203.539	276.602	#
8)	L2 AR-1221-1	0.000	4.043	0	130789	N.D.	10.618	#
9)	L2 AR-1221-2	4.826	4.131	1086990	1054931	79.386	108.943	#
10)	L2 AR-1221-3	0.000	4.226	0	43713	N.D.	1.498	#
11)	L3 AR-1232-1	0.000	4.226	0	43713	N.D.	1.862	#
12)	L3 AR-1232-2	0.000	4.937	0	397527	N.D.	16.865	#
13)	L3 AR-1232-3	5.675f	5.115	778249	272707	22.651	21.063	
14)	L3 AR-1232-4	0.000	5.231	0	421517	N.D.	38.021	#
15)	L3 AR-1232-5	5.947	5.371	13878555	7419546	1210.788	607.646	#
16)	L4 AR-1242-1	5.675	4.937	778249	397527	18.661	13.788	#
17)	L4 AR-1242-2	5.675f	4.937	778249	397527	13.193	10.090	
18)	L4 AR-1242-3	0.000	5.115	0	272707	N.D.	12.118	#
19)	L4 AR-1242-4	0.000	5.231	0	421517	N.D.	19.531	#
20)	L4 AR-1242-5	6.591	5.725	9164475	25542287	281.254	887.860	#
21)	L5 AR-1248-1	5.675	4.937	778249	397527	23.991	18.061	
22)	L5 AR-1248-2	5.947	5.156	13878555	10714138	326.967	356.371	
23)	L5 AR-1248-3	6.150	5.231	6728716	421517	143.203	13.604	#
24)	L5 AR-1248-4	6.548	5.371	12153151	7419546	220.480	200.834	
25)	L5 AR-1248-5	6.591	5.765	9164475	3482837	171.671	93.150	#
26)	L6 AR-1254-1	6.548	5.725	12153151	25542287	210.031	463.935	#
27)	L6 AR-1254-2	6.742	5.873	40331397	22342952	502.623	461.929	
28)	L6 AR-1254-3	7.104	6.278	43898542	35116298	520.813	462.689	
29)	L6 AR-1254-4	7.386	6.538	31969715	4902340	468.848	95.656	#
30)	L6 AR-1254-5	7.832	6.926	4586672	31282156	67.405	469.981	#
31)	L7 AR-1260-1	7.269	6.410	15771700	18367143	269.896	380.828	#
32)	L7 AR-1260-2	7.522	6.597	19704907	15980351	253.234	260.675	
33)	L7 AR-1260-3	7.864f	6.750	4153035	7147142	66.428	118.809	#
34)	L7 AR-1260-4	8.090f	7.261	12934720	8147288	196.050	175.332	
35)	L7 AR-1260-5	8.426	7.495	4745626	1355674	36.247	12.197	#
36)	L8 AR-1262-1	8.090	6.996	12934720	3592747	163.693	50.593	#
37)	L8 AR-1262-2	8.426	7.261	4745626	8147288	31.033	133.607	#
38)	L8 AR-1262-3	8.754	7.747	4145334	165794	39.004	3.170	#
39)	L8 AR-1262-4	8.803f	7.809	1336858	3822788	16.344	41.356	#
40)	L8 AR-1262-5	0.000	8.310	0	144881	N.D.	3.031	#
41)	L9 AR-1268-1	8.754	7.747	4145334	165794	23.476	1.142	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069970.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 15:47
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:19:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.803f	7.809	1336858	3822788	8.495	28.783 #
43) L9	AR-1268-3	0.000	8.022	0	214384	N.D.	1.885 #
44) L9	AR-1268-4	0.000	8.310	0	144881	N.D.	2.782 #
45) L9	AR-1268-5	0.000	8.617	0	271232	N.D.	0.762 #

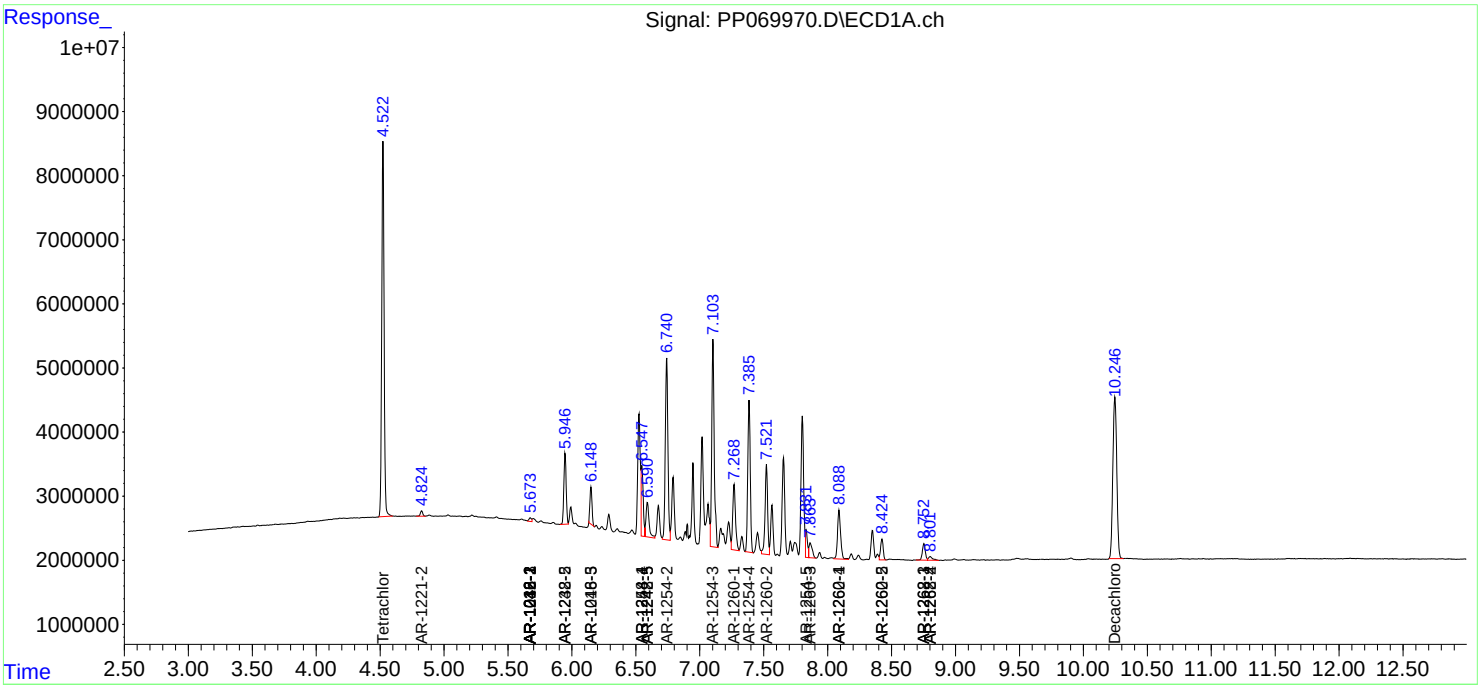
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

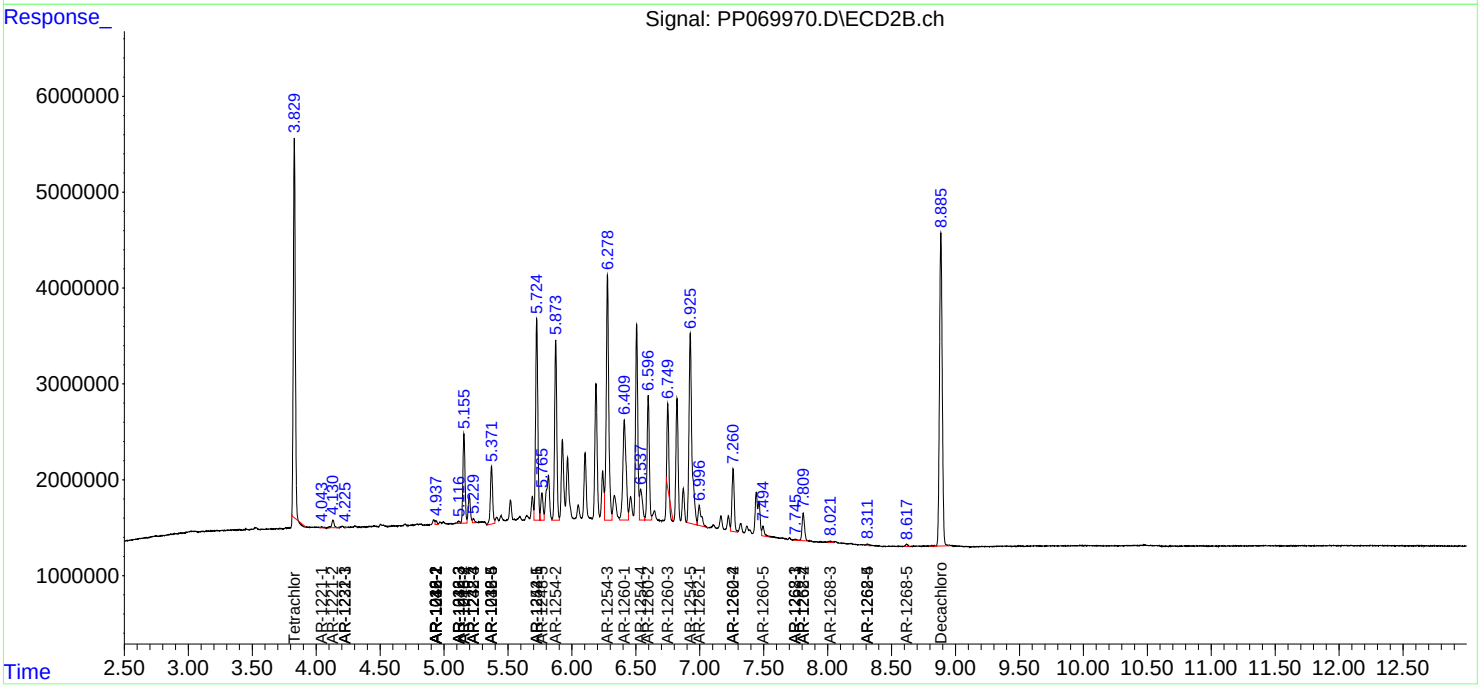
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069970.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 15:47
Operator : YP\AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

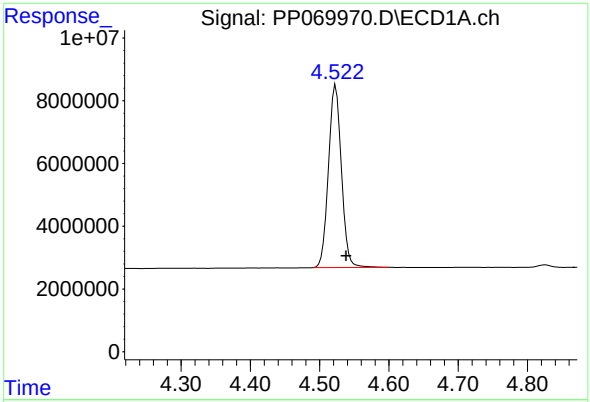
Instrument :
ECD_P
ClientSampleId :
AR1254CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:19:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



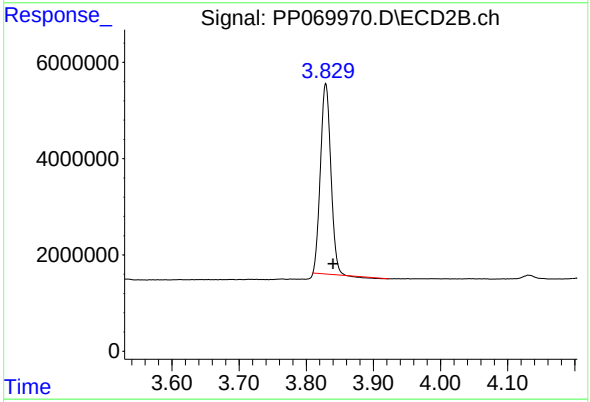




#1 Tetrachloro-m-xylene

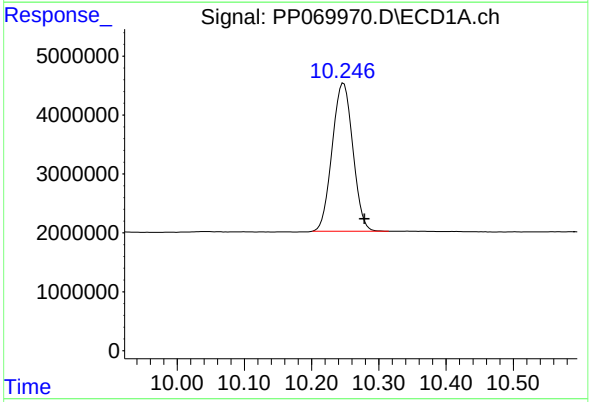
R.T.: 4.523 min
Delta R.T.: -0.015 min
Response: 75756695
Conc: 52.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



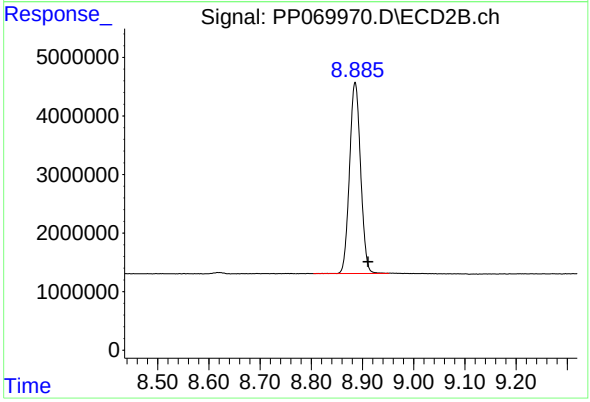
#1 Tetrachloro-m-xylene

R.T.: 3.829 min
Delta R.T.: -0.011 min
Response: 42278640
Conc: 47.37 ng/ml



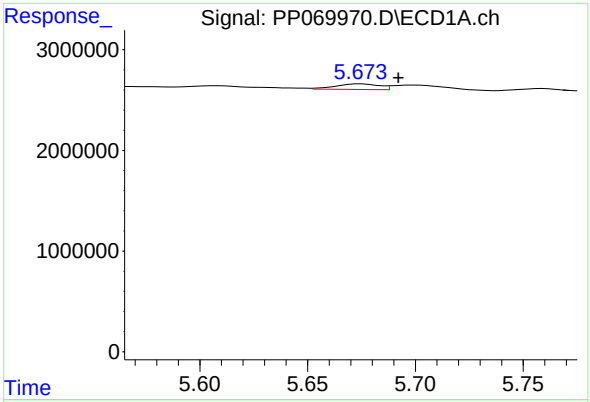
#2 Decachlorobiphenyl

R.T.: 10.248 min
Delta R.T.: -0.031 min
Response: 53545197
Conc: 48.99 ng/ml



#2 Decachlorobiphenyl

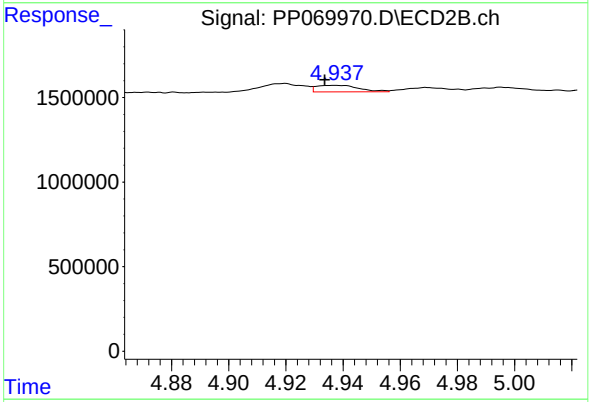
R.T.: 8.886 min
Delta R.T.: -0.026 min
Response: 49085586
Conc: 43.89 ng/ml



#3 AR-1016-1

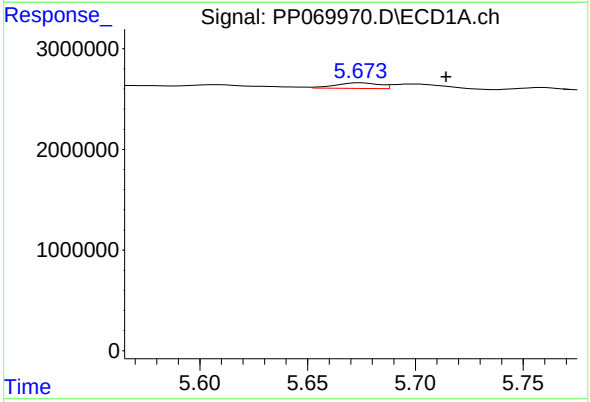
R.T.: 5.675 min
Delta R.T.: -0.017 min
Response: 778249
Conc: 16.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



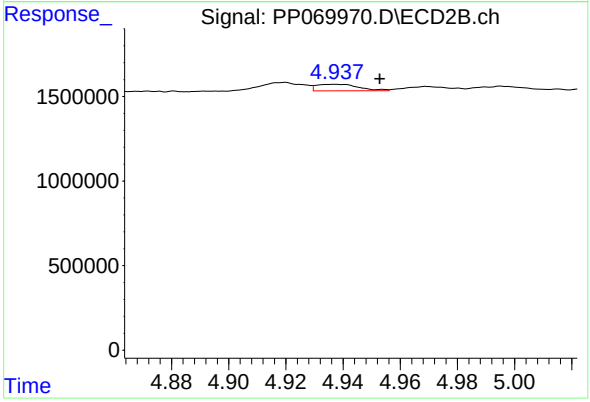
#3 AR-1016-1

R.T.: 4.937 min
Delta R.T.: 0.004 min
Response: 397527
Conc: 12.19 ng/ml



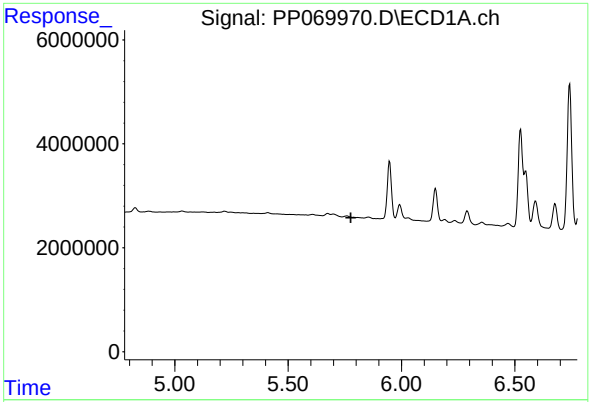
#4 AR-1016-2

R.T.: 5.675 min
Delta R.T.: -0.039 min
Response: 778249
Conc: 11.47 ng/ml



#4 AR-1016-2

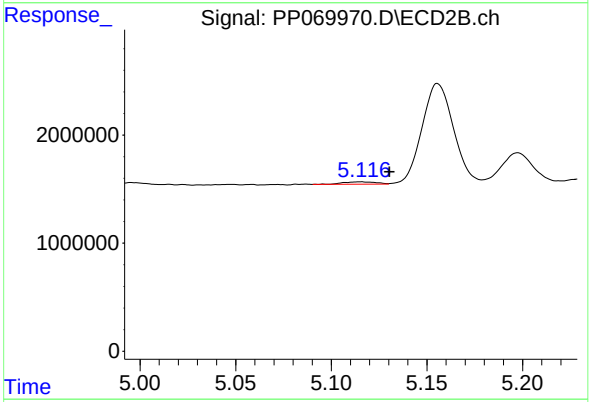
R.T.: 4.937 min
Delta R.T.: -0.016 min
Response: 397527
Conc: 8.84 ng/ml



#5 AR-1016-3

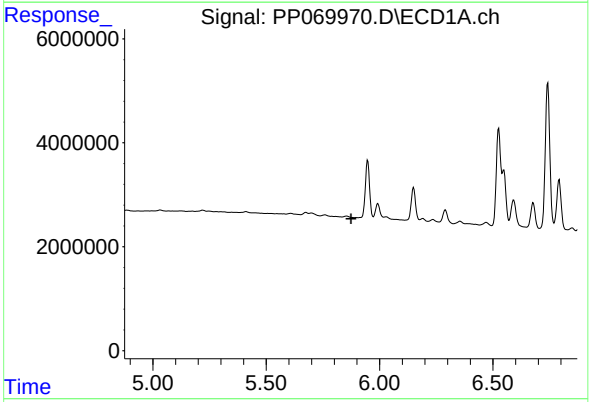
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



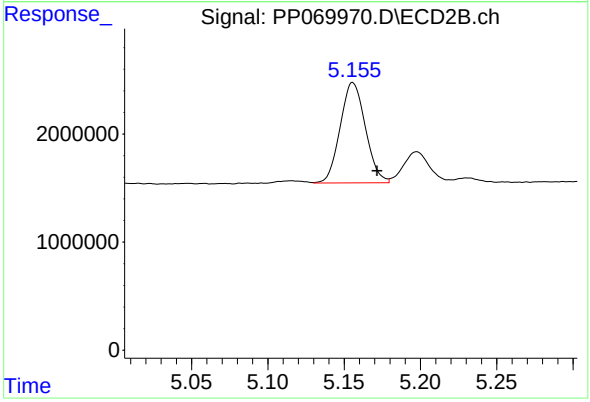
#5 AR-1016-3

R.T.: 5.115 min
Delta R.T.: -0.015 min
Response: 272707
Conc: 10.96 ng/ml



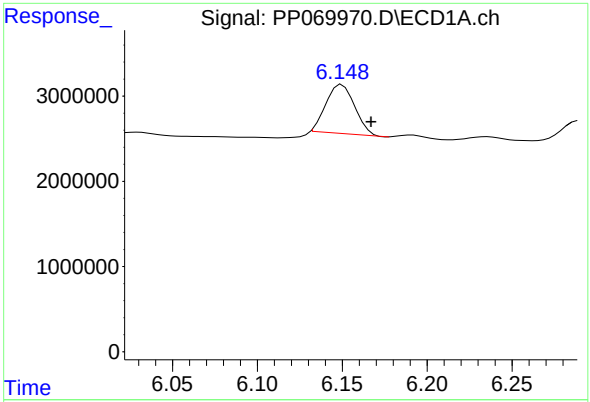
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

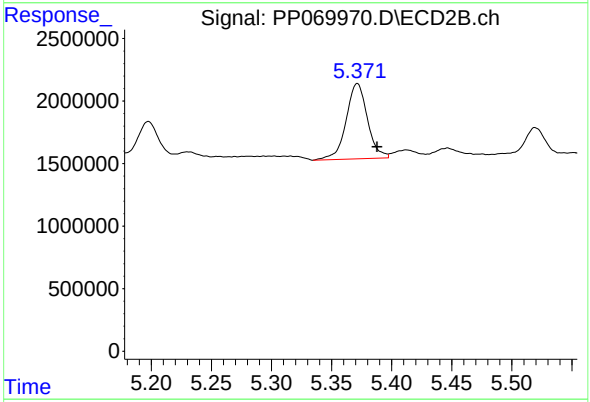
R.T.: 5.156 min
Delta R.T.: -0.016 min
Response: 10714138
Conc: 530.50 ng/ml



#7 AR-1016-5

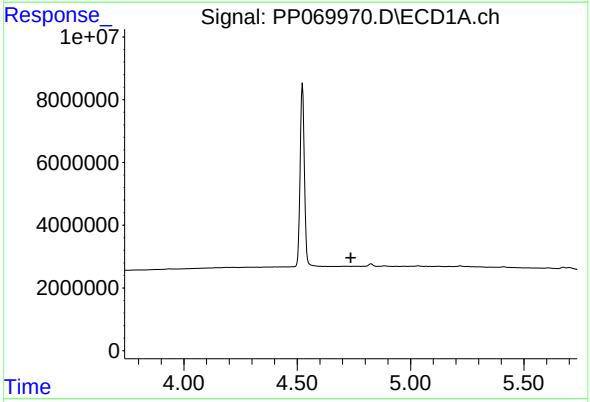
R.T.: 6.150 min
Delta R.T.: -0.017 min
Response: 6728716
Conc: 203.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



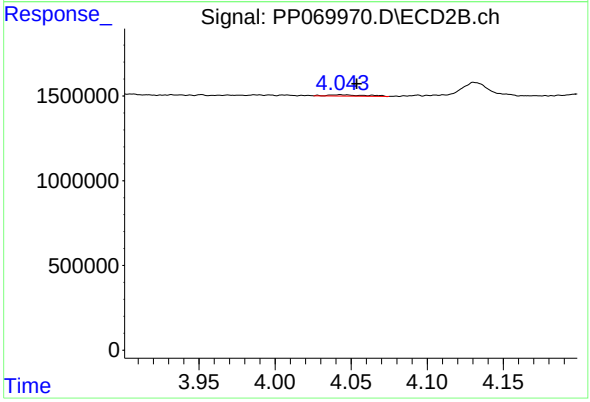
#7 AR-1016-5

R.T.: 5.371 min
Delta R.T.: -0.016 min
Response: 7419546
Conc: 276.60 ng/ml



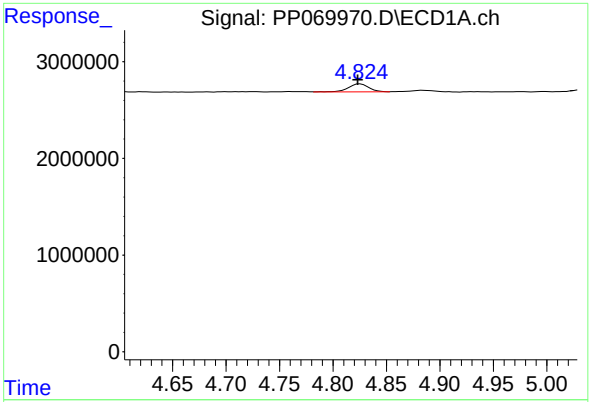
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

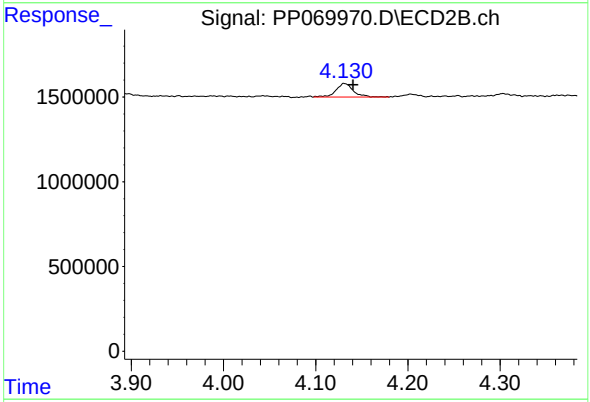
R.T.: 4.043 min
Delta R.T.: -0.011 min
Response: 130789
Conc: 10.62 ng/ml



#9 AR-1221-2

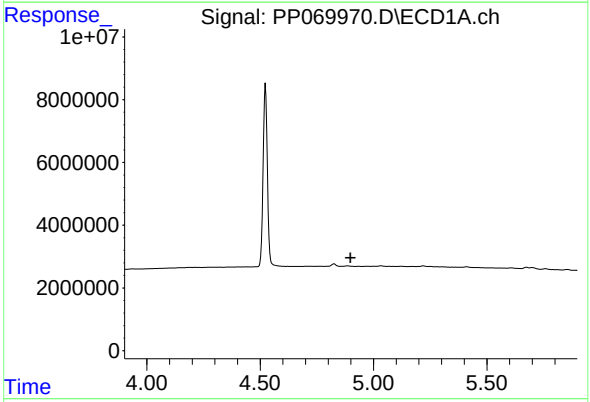
R.T.: 4.826 min
Delta R.T.: 0.002 min
Response: 1086990
Conc: 79.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



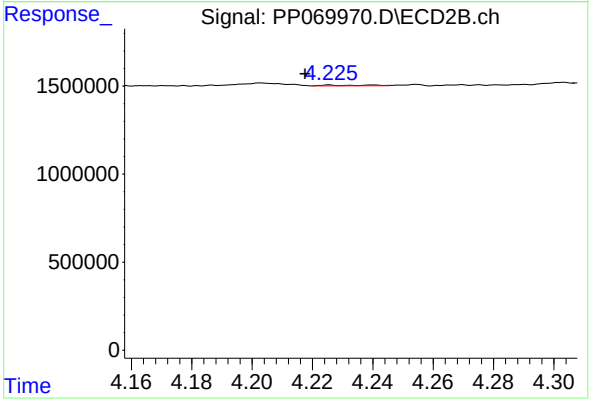
#9 AR-1221-2

R.T.: 4.131 min
Delta R.T.: -0.009 min
Response: 1054931
Conc: 108.94 ng/ml



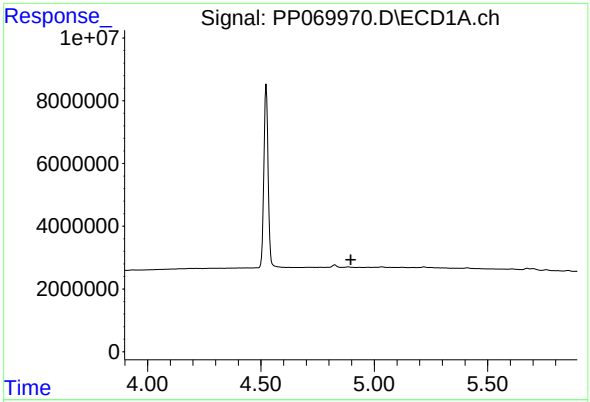
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.899 min
Response: 0
Conc: N.D.



#10 AR-1221-3

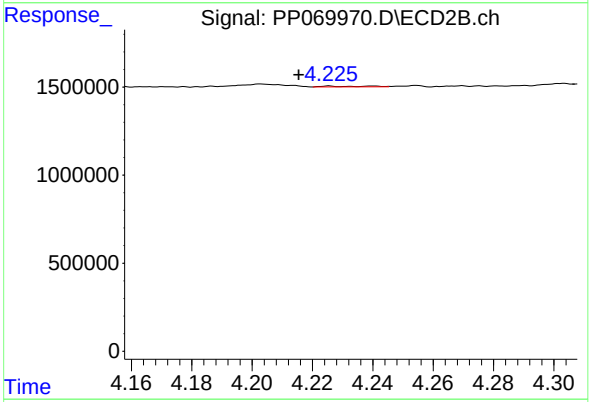
R.T.: 4.226 min
Delta R.T.: 0.008 min
Response: 43713
Conc: 1.50 ng/ml



#11 AR-1232-1

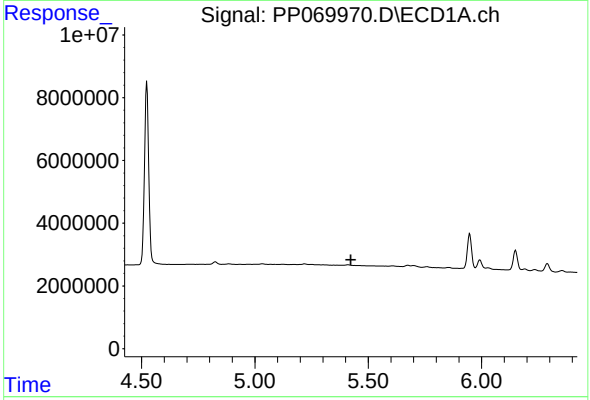
R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



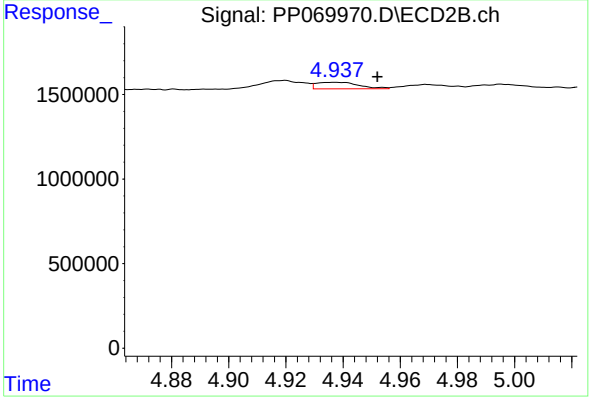
#11 AR-1232-1

R.T.: 4.226 min
Delta R.T.: 0.010 min
Response: 43713
Conc: 1.86 ng/ml



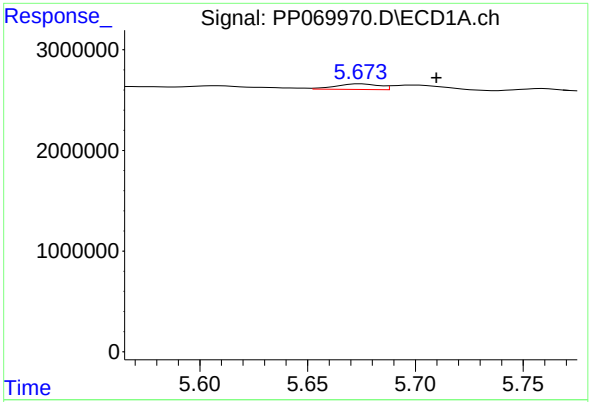
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

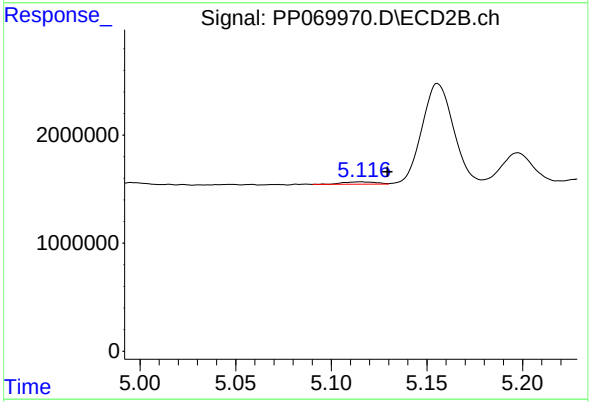
R.T.: 4.937 min
Delta R.T.: -0.015 min
Response: 397527
Conc: 16.86 ng/ml



#13 AR-1232-3

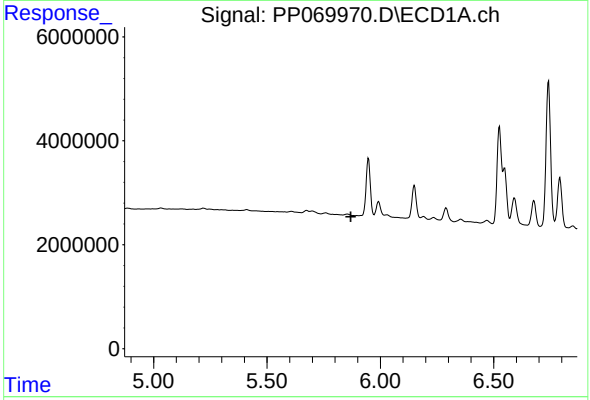
R.T.: 5.675 min
Delta R.T.: -0.035 min
Response: 778249
Conc: 22.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



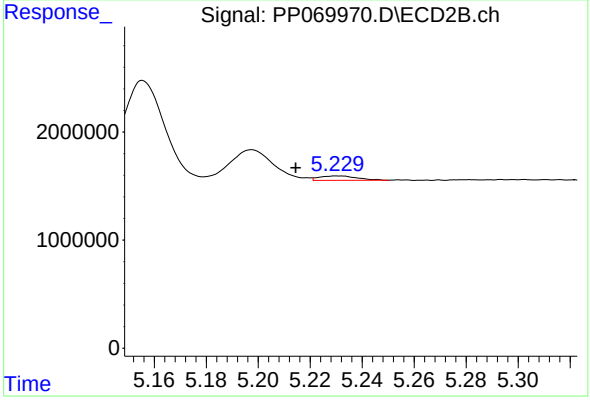
#13 AR-1232-3

R.T.: 5.115 min
Delta R.T.: -0.014 min
Response: 272707
Conc: 21.06 ng/ml



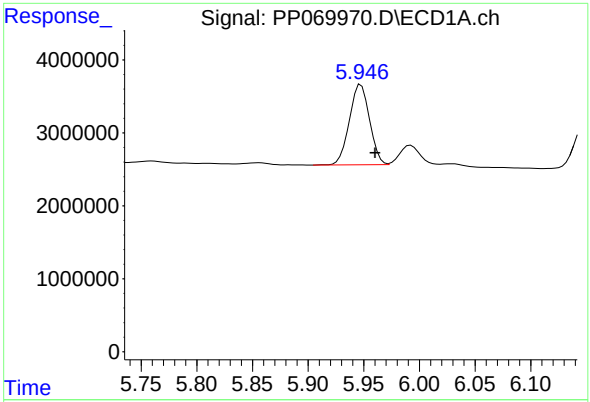
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

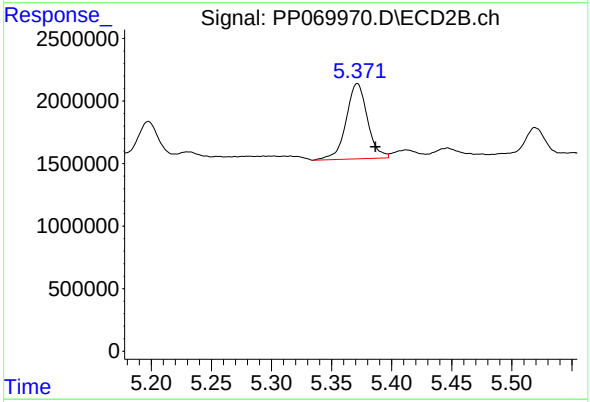
R.T.: 5.231 min
Delta R.T.: 0.016 min
Response: 421517
Conc: 38.02 ng/ml



#15 AR-1232-5

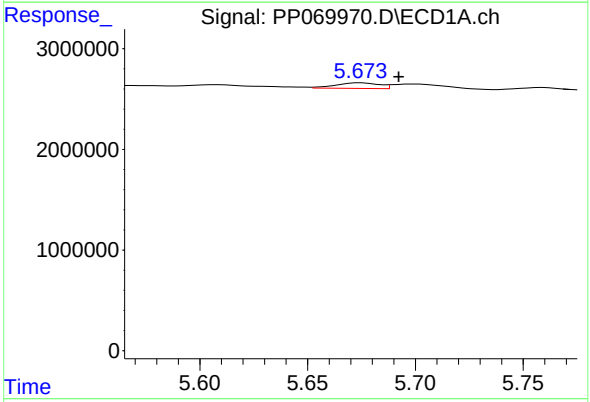
R.T.: 5.947 min
Delta R.T.: -0.013 min
Response: 13878555
Conc: 1210.79 ng/m

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



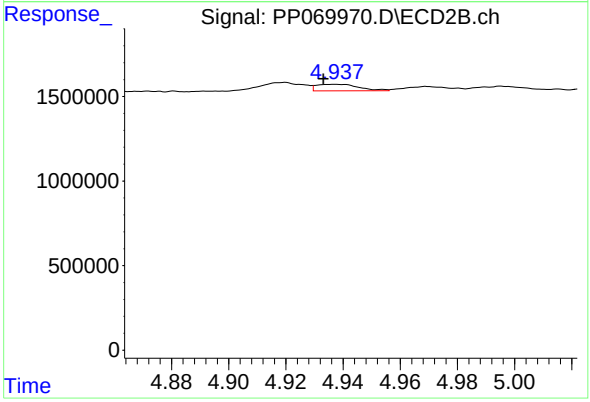
#15 AR-1232-5

R.T.: 5.371 min
Delta R.T.: -0.015 min
Response: 7419546
Conc: 607.65 ng/ml



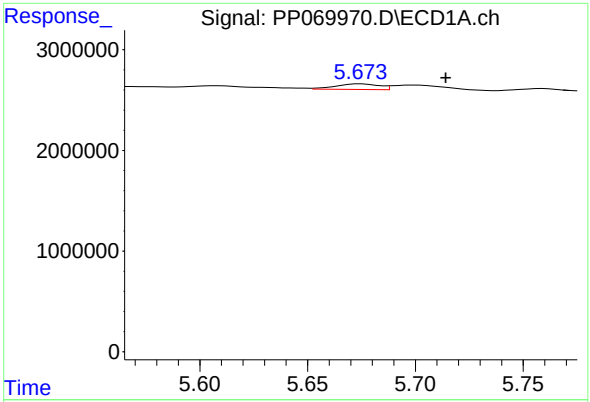
#16 AR-1242-1

R.T.: 5.675 min
Delta R.T.: -0.018 min
Response: 778249
Conc: 18.66 ng/ml



#16 AR-1242-1

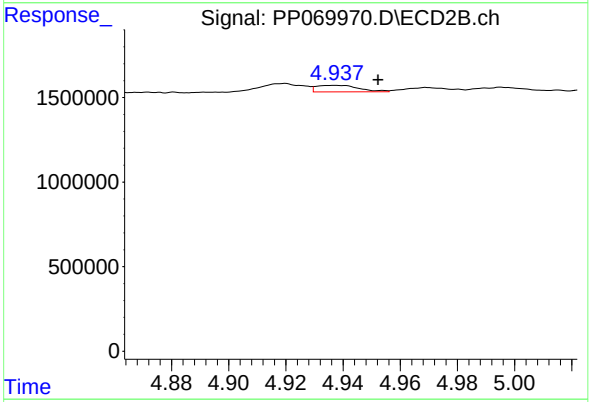
R.T.: 4.937 min
Delta R.T.: 0.004 min
Response: 397527
Conc: 13.79 ng/ml



#17 AR-1242-2

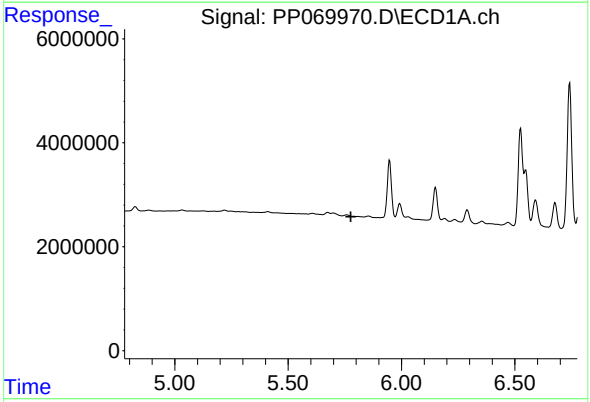
R.T.: 5.675 min
Delta R.T.: -0.039 min
Response: 778249
Conc: 13.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



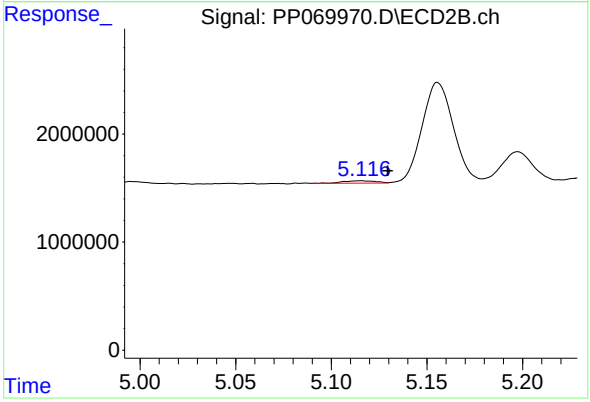
#17 AR-1242-2

R.T.: 4.937 min
Delta R.T.: -0.015 min
Response: 397527
Conc: 10.09 ng/ml



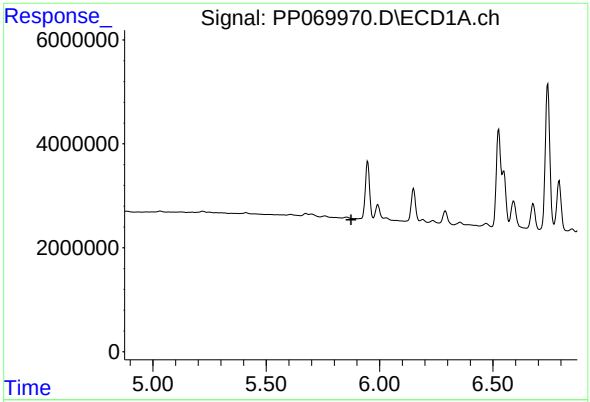
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

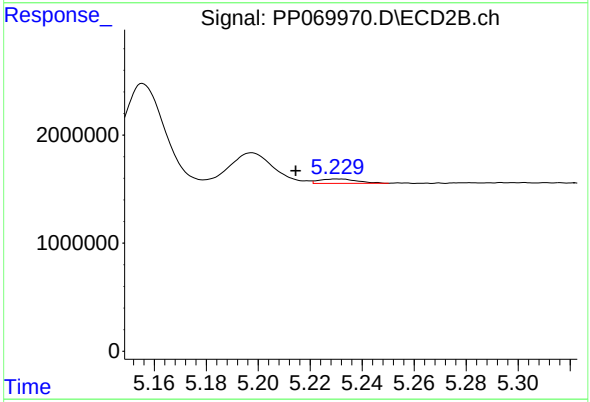
R.T.: 5.115 min
Delta R.T.: -0.014 min
Response: 272707
Conc: 12.12 ng/ml



#19 AR-1242-4

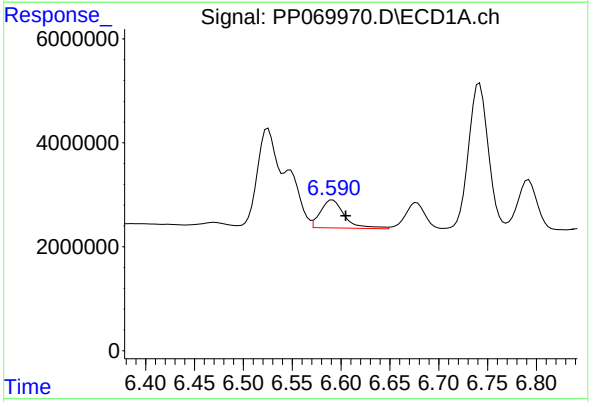
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



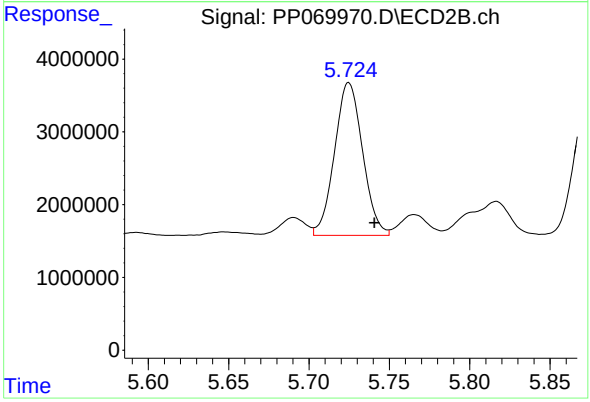
#19 AR-1242-4

R.T.: 5.231 min
Delta R.T.: 0.016 min
Response: 421517
Conc: 19.53 ng/ml



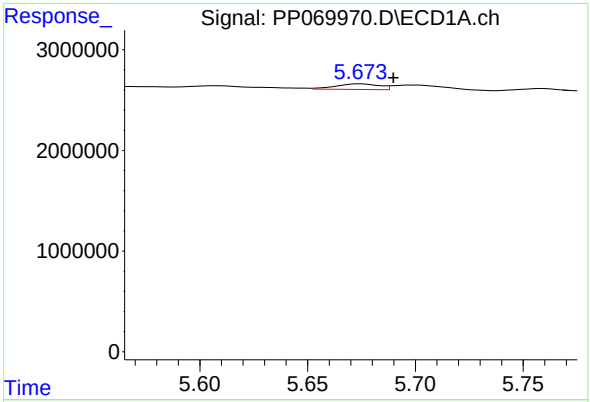
#20 AR-1242-5

R.T.: 6.591 min
Delta R.T.: -0.014 min
Response: 9164475
Conc: 281.25 ng/ml



#20 AR-1242-5

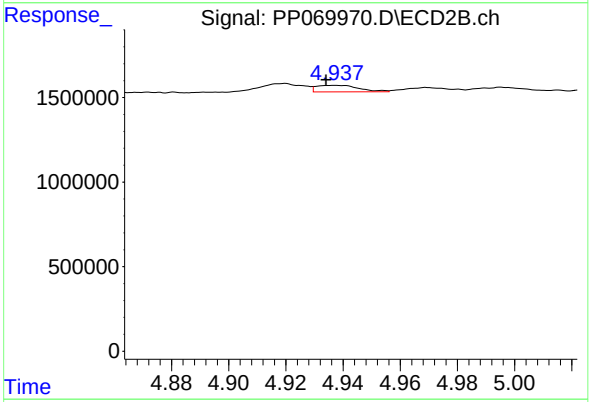
R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 25542287
Conc: 887.86 ng/ml



#21 AR-1248-1

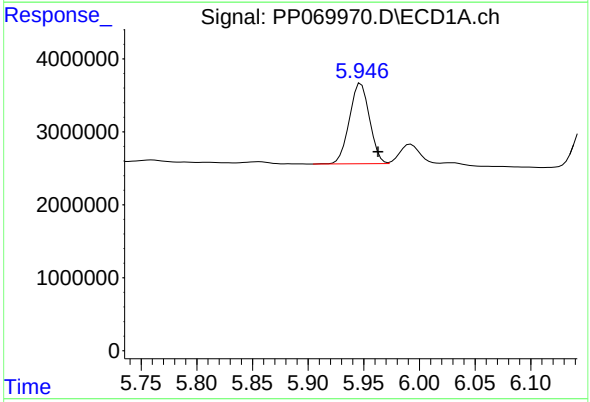
R.T.: 5.675 min
Delta R.T.: -0.015 min
Response: 778249
Conc: 23.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



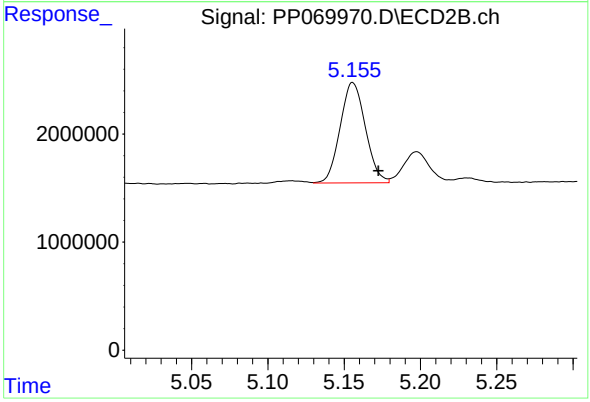
#21 AR-1248-1

R.T.: 4.937 min
Delta R.T.: 0.003 min
Response: 397527
Conc: 18.06 ng/ml



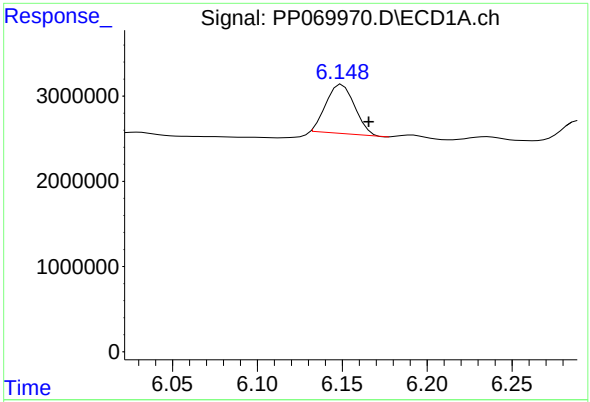
#22 AR-1248-2

R.T.: 5.947 min
Delta R.T.: -0.015 min
Response: 13878555
Conc: 326.97 ng/ml



#22 AR-1248-2

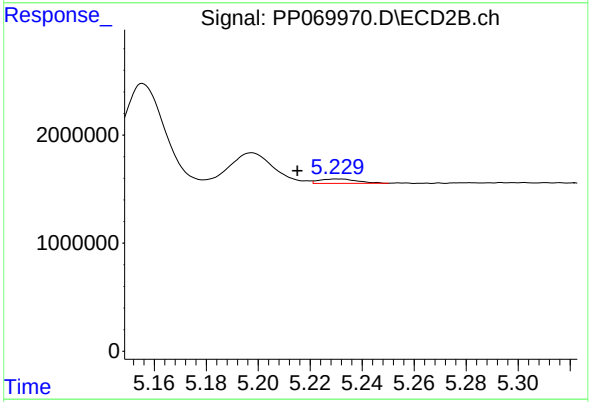
R.T.: 5.156 min
Delta R.T.: -0.017 min
Response: 10714138
Conc: 356.37 ng/ml



#23 AR-1248-3

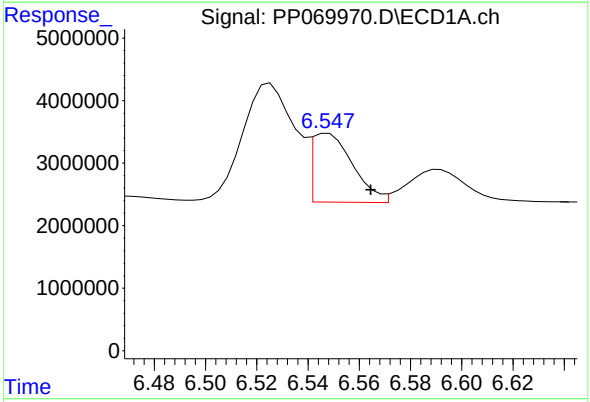
R.T.: 6.150 min
Delta R.T.: -0.016 min
Response: 6728716
Conc: 143.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



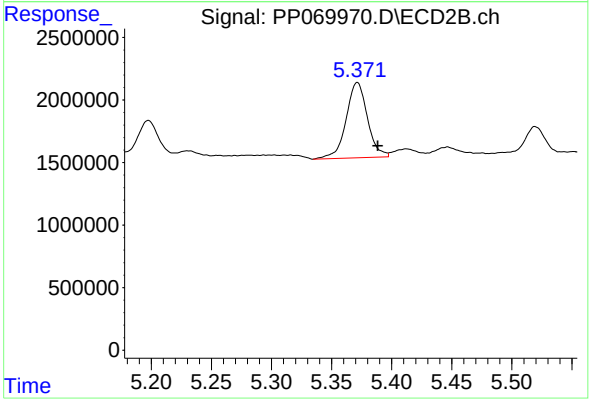
#23 AR-1248-3

R.T.: 5.231 min
Delta R.T.: 0.016 min
Response: 421517
Conc: 13.60 ng/ml



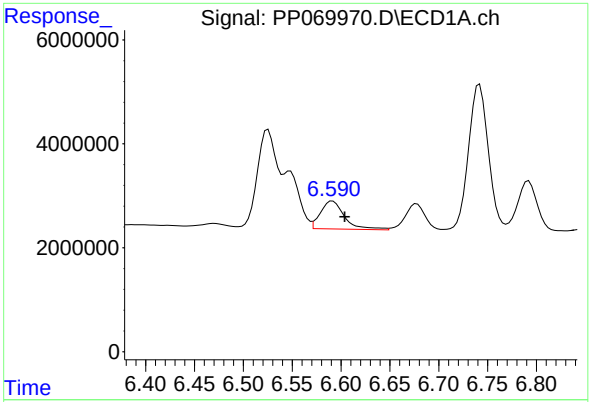
#24 AR-1248-4

R.T.: 6.548 min
Delta R.T.: -0.017 min
Response: 12153151
Conc: 220.48 ng/ml



#24 AR-1248-4

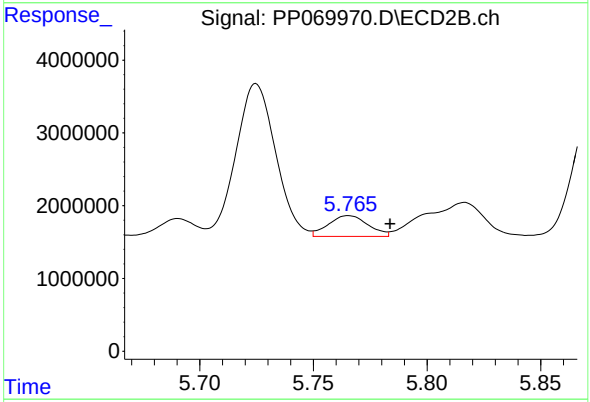
R.T.: 5.371 min
Delta R.T.: -0.017 min
Response: 7419546
Conc: 200.83 ng/ml



#25 AR-1248-5

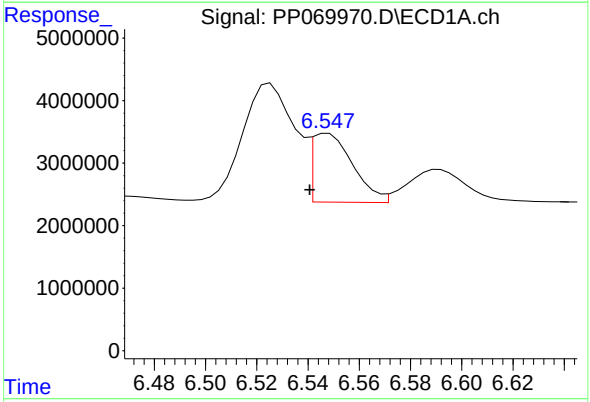
R.T.: 6.591 min
Delta R.T.: -0.012 min
Response: 9164475
Conc: 171.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



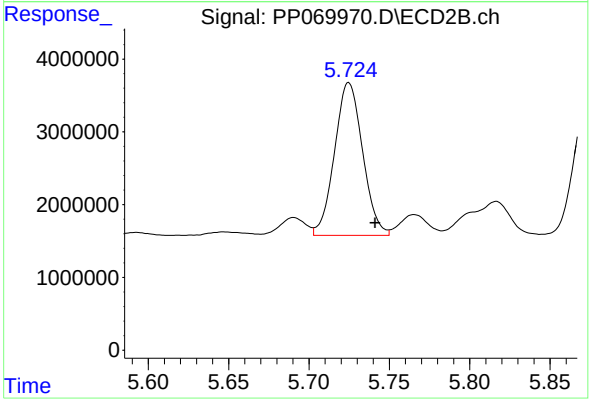
#25 AR-1248-5

R.T.: 5.765 min
Delta R.T.: -0.018 min
Response: 3482837
Conc: 93.15 ng/ml



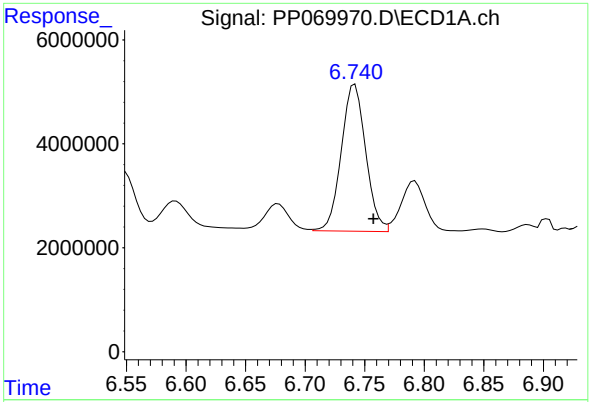
#26 AR-1254-1

R.T.: 6.548 min
Delta R.T.: 0.007 min
Response: 12153151
Conc: 210.03 ng/ml



#26 AR-1254-1

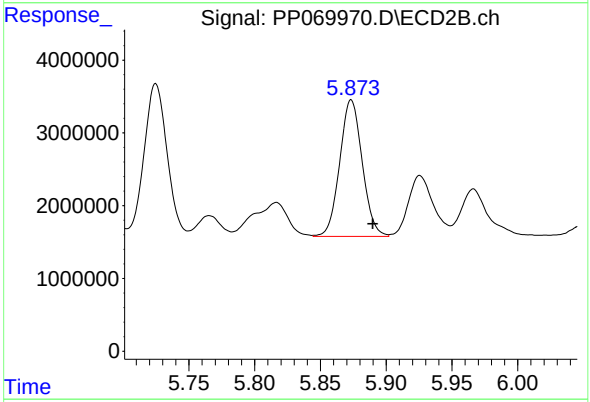
R.T.: 5.725 min
Delta R.T.: -0.016 min
Response: 25542287
Conc: 463.93 ng/ml



#27 AR-1254-2

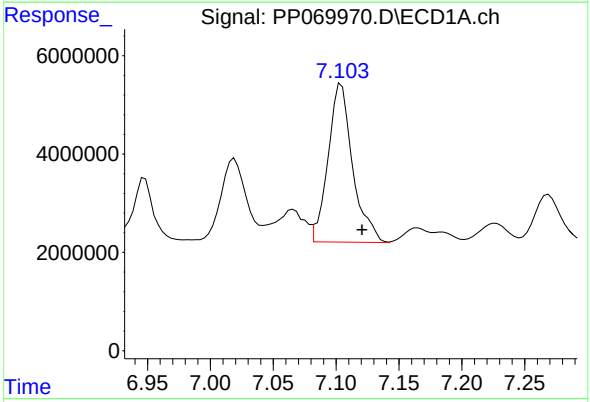
R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 40331397
Conc: 502.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



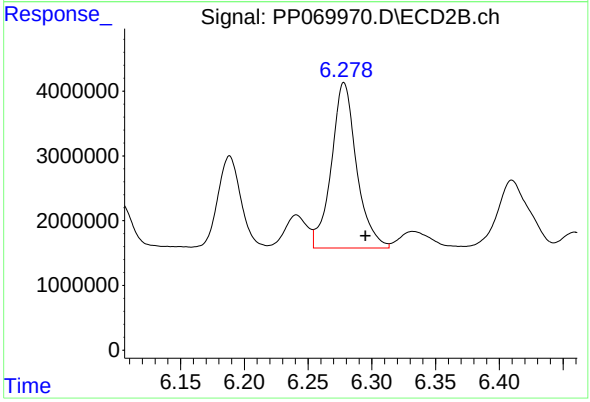
#27 AR-1254-2

R.T.: 5.873 min
Delta R.T.: -0.016 min
Response: 22342952
Conc: 461.93 ng/ml



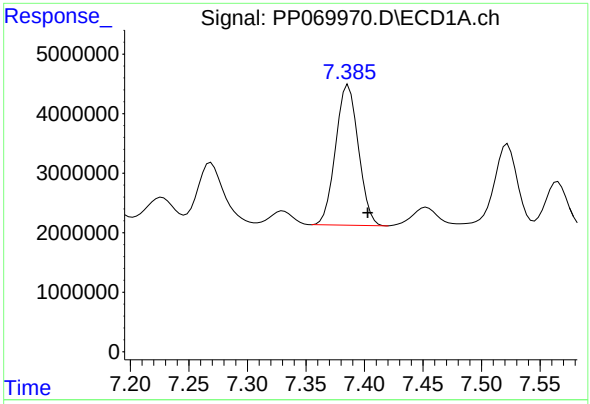
#28 AR-1254-3

R.T.: 7.104 min
Delta R.T.: -0.016 min
Response: 43898542
Conc: 520.81 ng/ml



#28 AR-1254-3

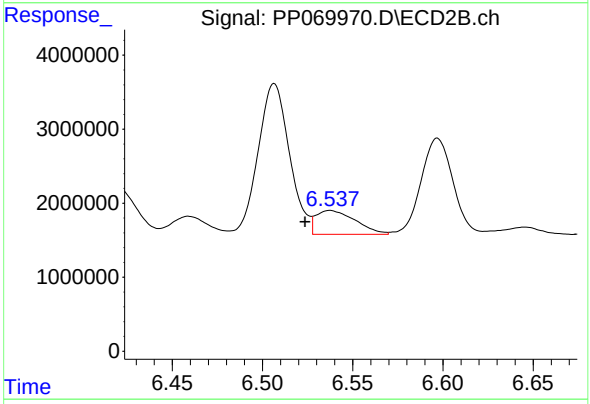
R.T.: 6.278 min
Delta R.T.: -0.017 min
Response: 35116298
Conc: 462.69 ng/ml



#29 AR-1254-4

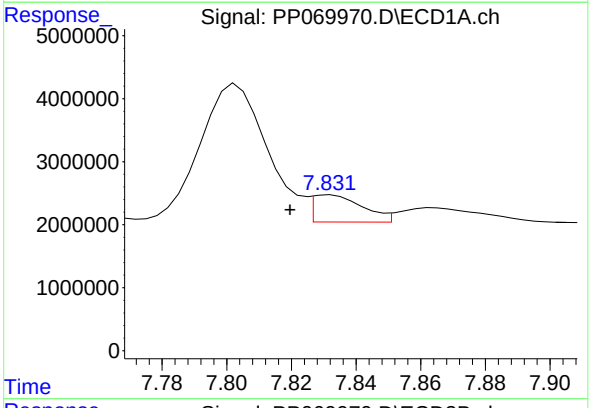
R.T.: 7.386 min
Delta R.T.: -0.016 min
Response: 31969715
Conc: 468.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



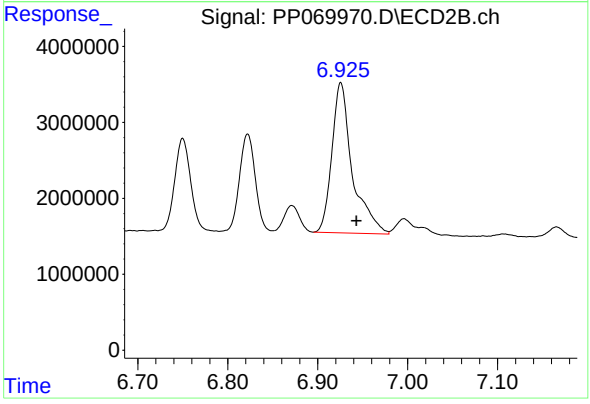
#29 AR-1254-4

R.T.: 6.538 min
Delta R.T.: 0.014 min
Response: 4902340
Conc: 95.66 ng/ml



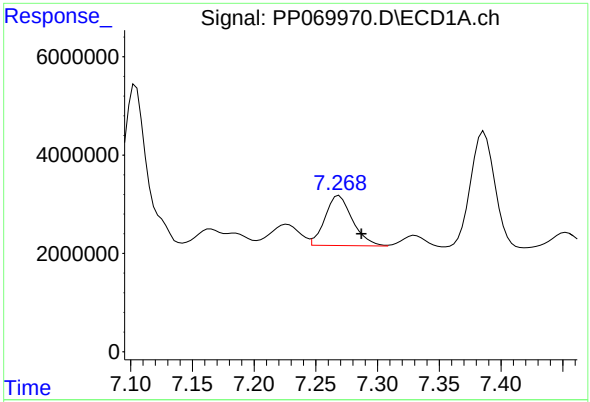
#30 AR-1254-5

R.T.: 7.832 min
Delta R.T.: 0.013 min
Response: 4586672
Conc: 67.41 ng/ml



#30 AR-1254-5

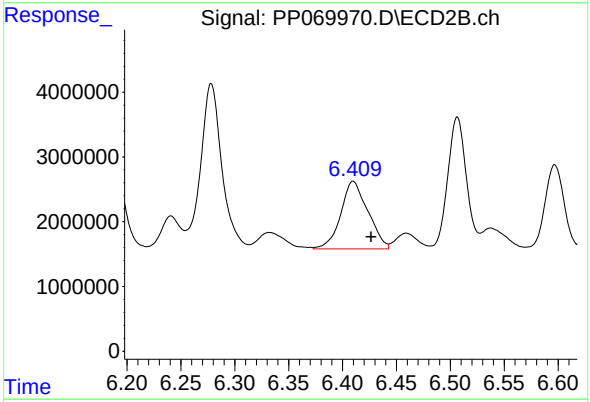
R.T.: 6.926 min
Delta R.T.: -0.017 min
Response: 31282156
Conc: 469.98 ng/ml



#31 AR-1260-1

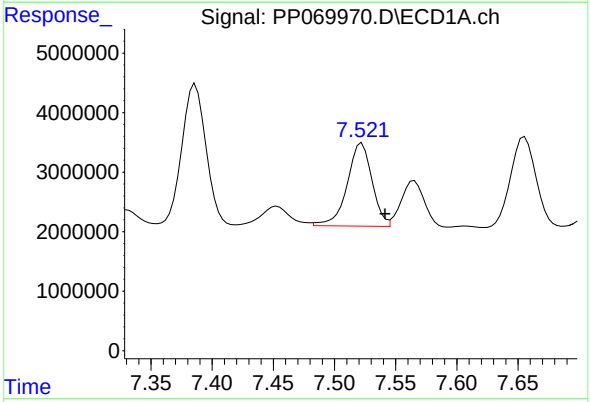
R.T.: 7.269 min
Delta R.T.: -0.018 min
Response: 15771700
Conc: 269.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



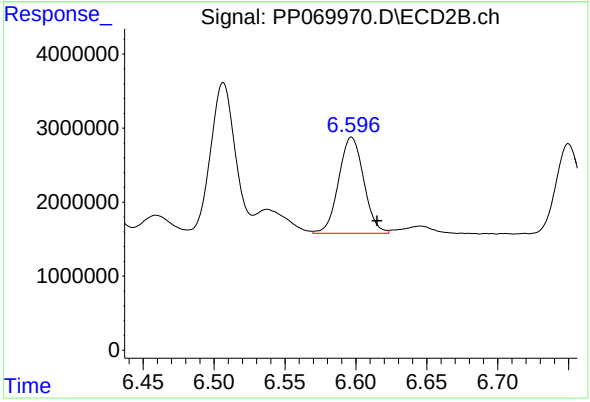
#31 AR-1260-1

R.T.: 6.410 min
Delta R.T.: -0.017 min
Response: 18367143
Conc: 380.83 ng/ml



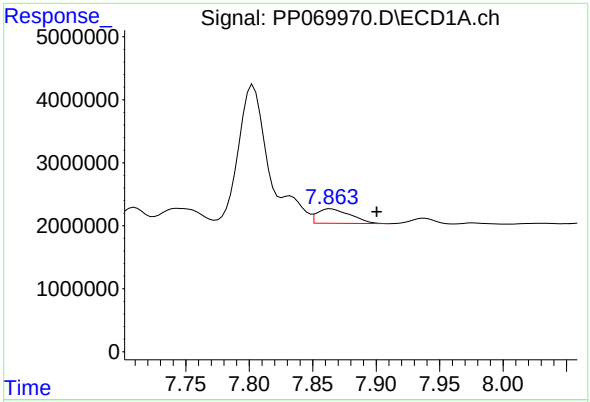
#32 AR-1260-2

R.T.: 7.522 min
Delta R.T.: -0.019 min
Response: 19704907
Conc: 253.23 ng/ml



#32 AR-1260-2

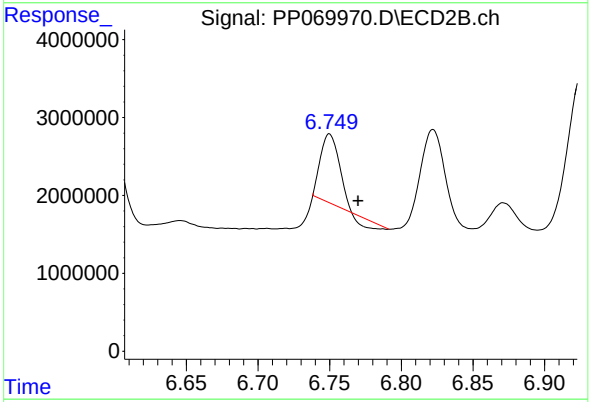
R.T.: 6.597 min
Delta R.T.: -0.018 min
Response: 15980351
Conc: 260.68 ng/ml



#33 AR-1260-3

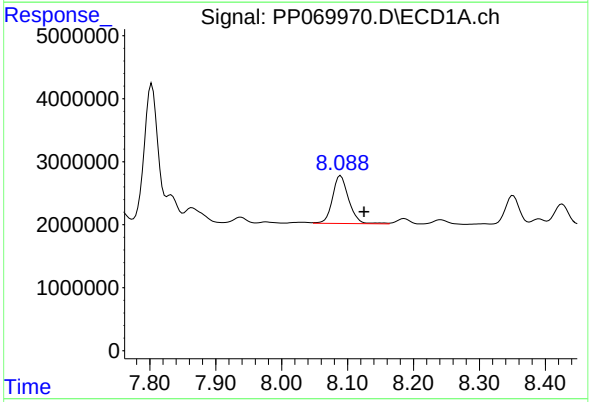
R.T.: 7.864 min
Delta R.T.: -0.036 min
Response: 4153035
Conc: 66.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



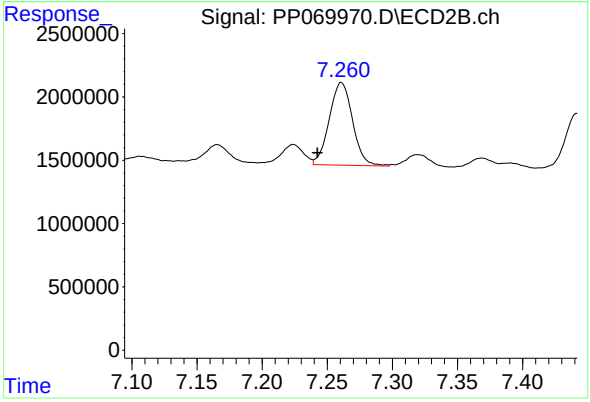
#33 AR-1260-3

R.T.: 6.750 min
Delta R.T.: -0.020 min
Response: 7147142
Conc: 118.81 ng/ml



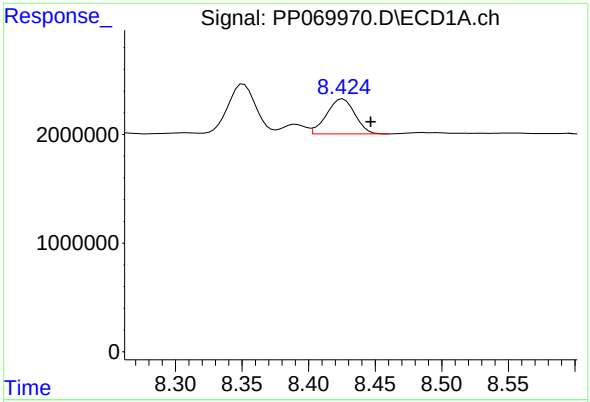
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.036 min
Response: 12934720
Conc: 196.05 ng/ml



#34 AR-1260-4

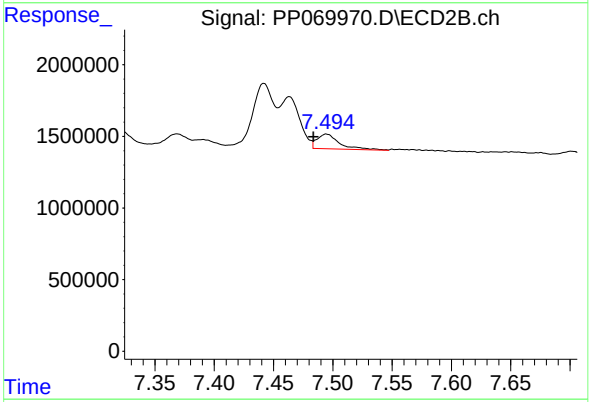
R.T.: 7.261 min
Delta R.T.: 0.018 min
Response: 8147288
Conc: 175.33 ng/ml



#35 AR-1260-5

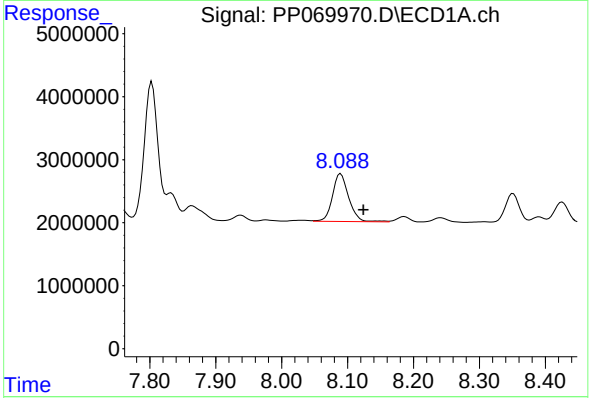
R.T.: 8.426 min
Delta R.T.: -0.021 min
Response: 4745626
Conc: 36.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



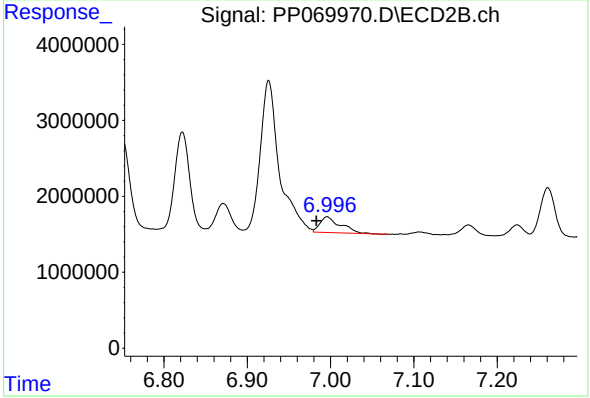
#35 AR-1260-5

R.T.: 7.495 min
Delta R.T.: 0.011 min
Response: 1355674
Conc: 12.20 ng/ml



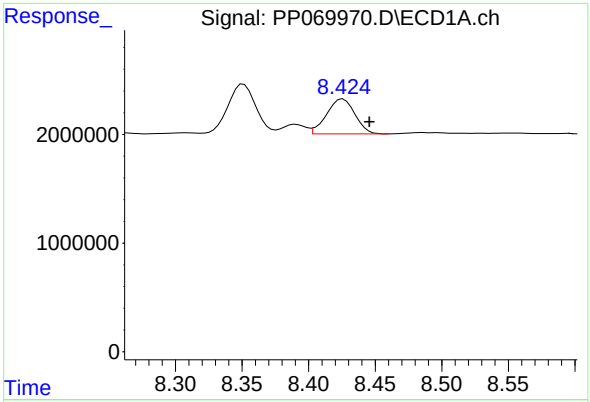
#36 AR-1262-1

R.T.: 8.090 min
Delta R.T.: -0.034 min
Response: 12934720
Conc: 163.69 ng/ml



#36 AR-1262-1

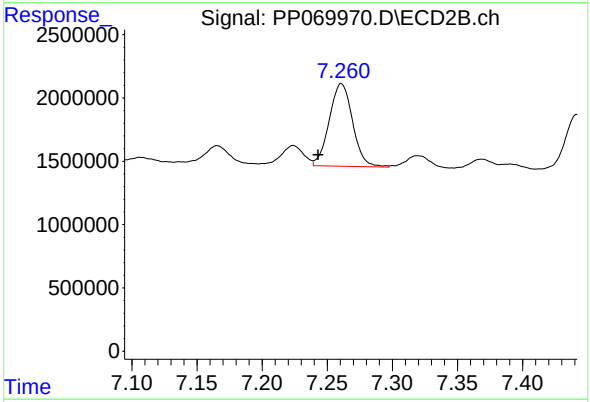
R.T.: 6.996 min
Delta R.T.: 0.013 min
Response: 3592747
Conc: 50.59 ng/ml



#37 AR-1262-2

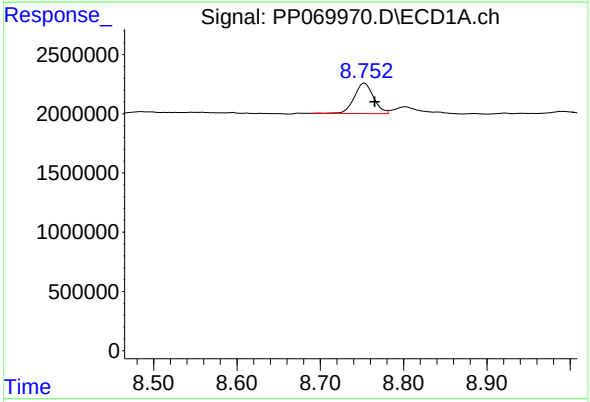
R.T.: 8.426 min
Delta R.T.: -0.020 min
Response: 4745626
Conc: 31.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



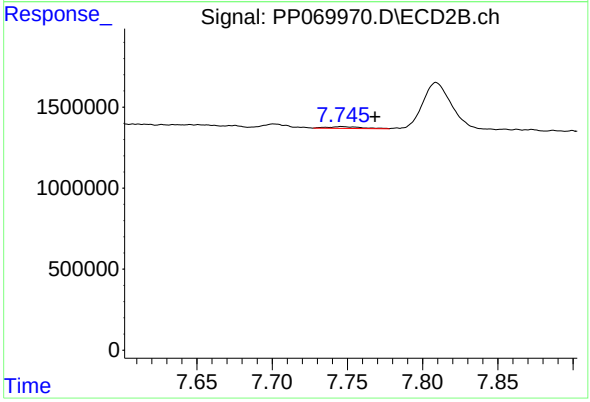
#37 AR-1262-2

R.T.: 7.261 min
Delta R.T.: 0.018 min
Response: 8147288
Conc: 133.61 ng/ml



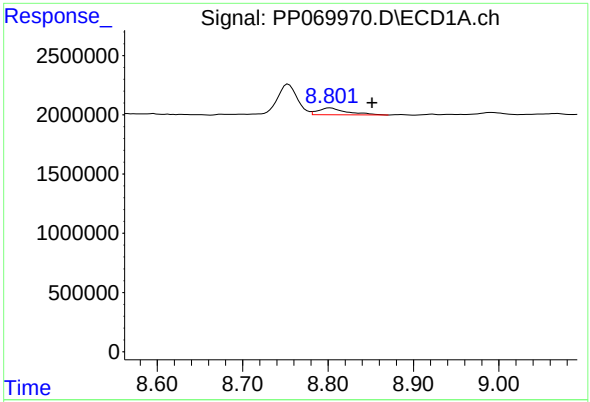
#38 AR-1262-3

R.T.: 8.754 min
Delta R.T.: -0.012 min
Response: 4145334
Conc: 39.00 ng/ml



#38 AR-1262-3

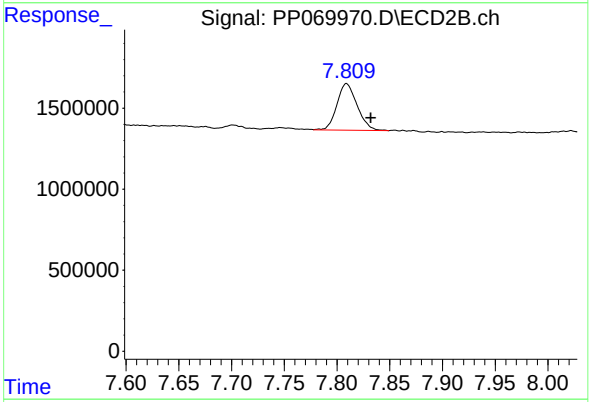
R.T.: 7.747 min
Delta R.T.: -0.022 min
Response: 165794
Conc: 3.17 ng/ml



#39 AR-1262-4

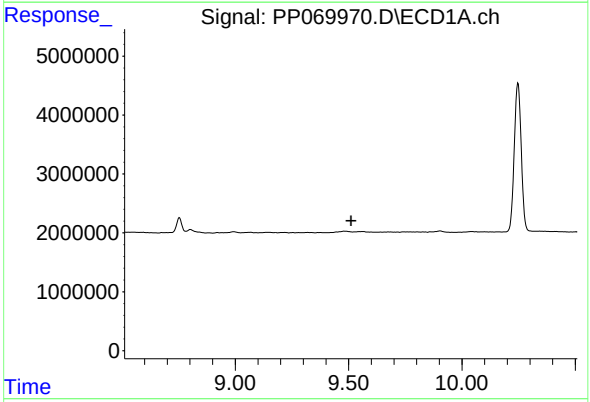
R.T.: 8.803 min
Delta R.T.: -0.049 min
Response: 1336858
Conc: 16.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



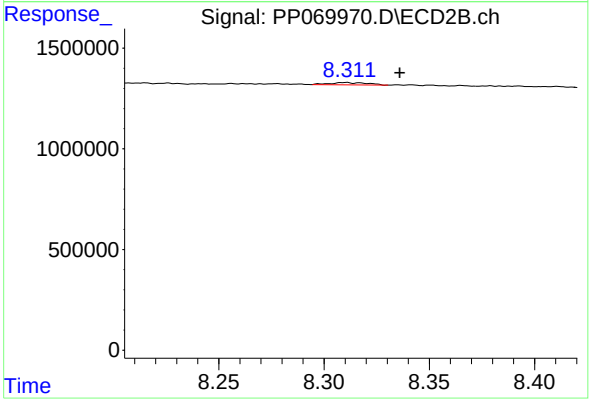
#39 AR-1262-4

R.T.: 7.809 min
Delta R.T.: -0.023 min
Response: 3822788
Conc: 41.36 ng/ml



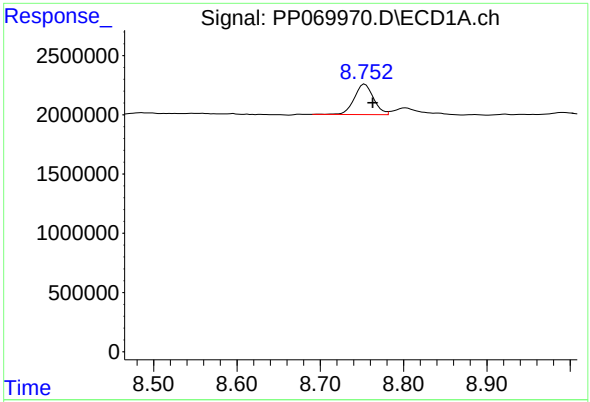
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#40 AR-1262-5

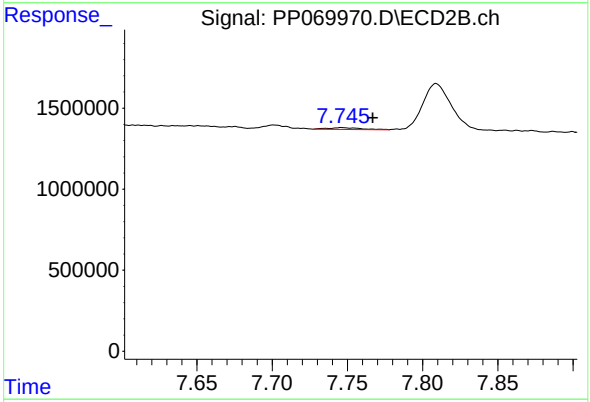
R.T.: 8.310 min
Delta R.T.: -0.026 min
Response: 144881
Conc: 3.03 ng/ml



#41 AR-1268-1

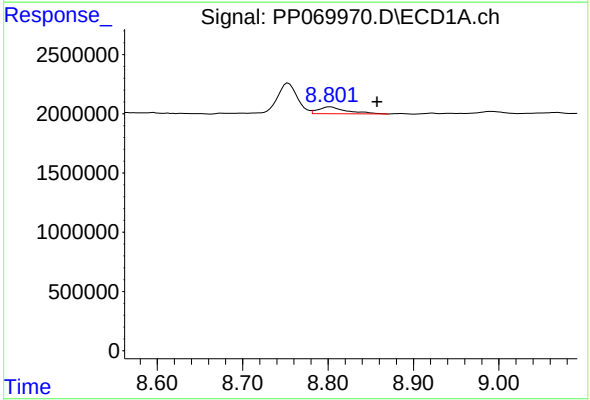
R.T.: 8.754 min
Delta R.T.: -0.009 min
Response: 4145334
Conc: 23.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



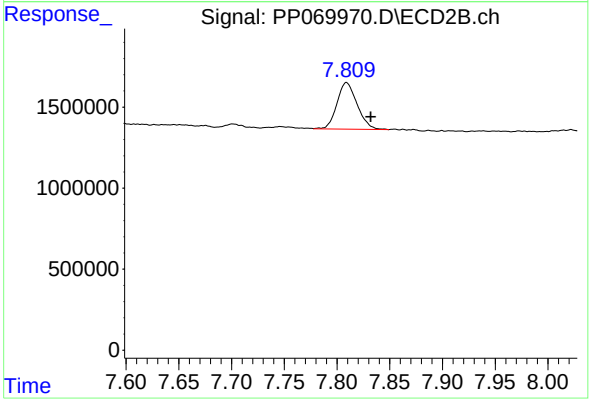
#41 AR-1268-1

R.T.: 7.747 min
Delta R.T.: -0.020 min
Response: 165794
Conc: 1.14 ng/ml



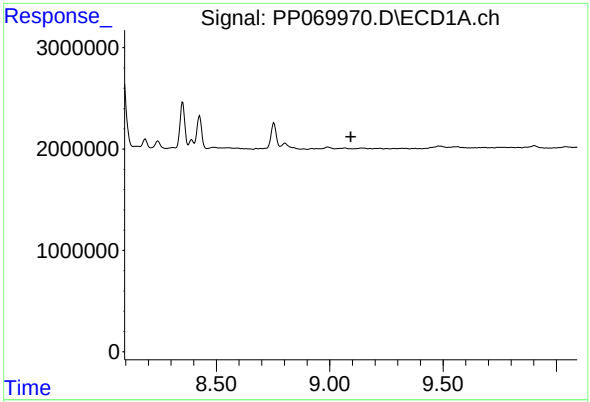
#42 AR-1268-2

R.T.: 8.803 min
Delta R.T.: -0.055 min
Response: 1336858
Conc: 8.49 ng/ml



#42 AR-1268-2

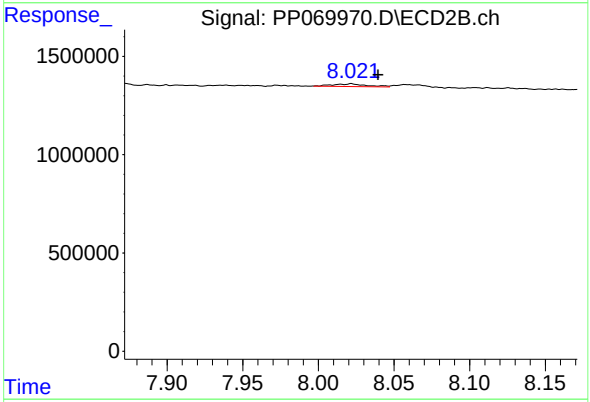
R.T.: 7.809 min
Delta R.T.: -0.023 min
Response: 3822788
Conc: 28.78 ng/ml



#43 AR-1268-3

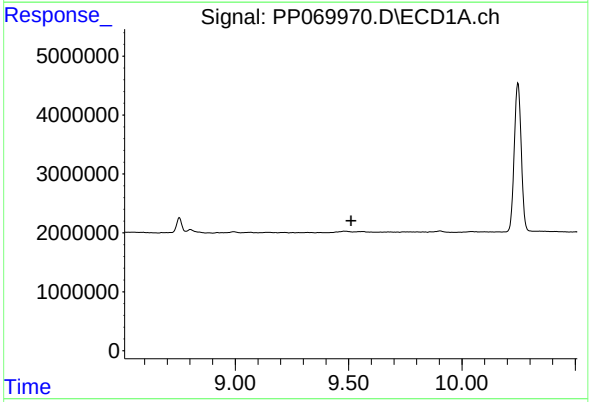
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



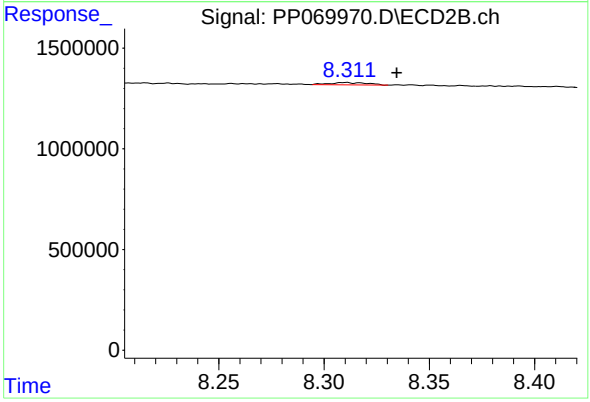
#43 AR-1268-3

R.T.: 8.022 min
Delta R.T.: -0.018 min
Response: 214384
Conc: 1.88 ng/ml



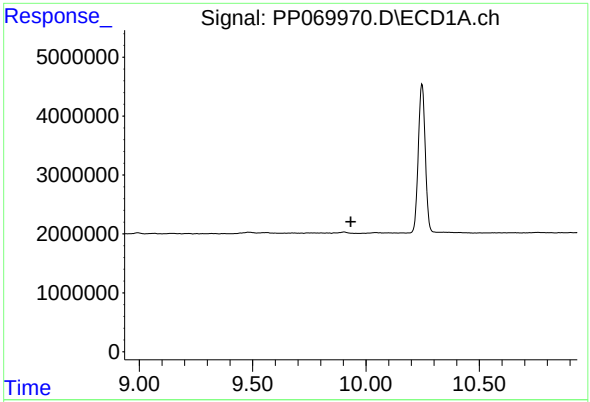
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

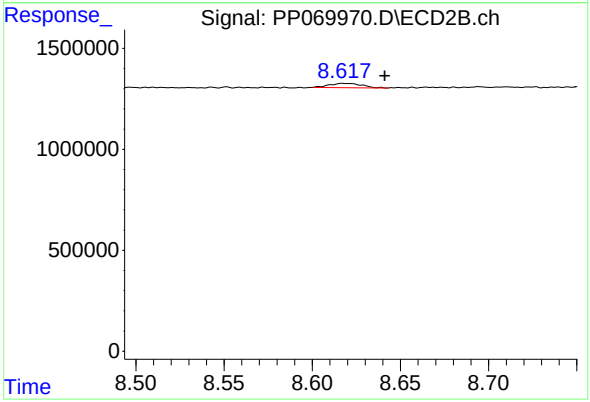
R.T.: 8.310 min
Delta R.T.: -0.024 min
Response: 144881
Conc: 2.78 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
AR1254CCC500



#45 AR-1268-5

R.T.: 8.617 min
Delta R.T.: -0.024 min
Response: 271232
Conc: 0.76 ng/ml

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 16:03
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:20:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.527	3.830	31414783	18648942	21.946	20.894	
2)	SA Decachlor...	10.252	8.885	23676233	22646493	21.664	20.247	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.931	0	25624	N.D.	0.786	#
4)	L1 AR-1016-2	0.000	4.952	0	61908	N.D.	1.377	#
5)	L1 AR-1016-3	0.000	5.172f	0	175879	N.D.	7.068	#
6)	L1 AR-1016-4	0.000	5.172	0	175879	N.D.	8.708	#
7)	L1 AR-1016-5	0.000	5.357	0	244894	N.D.	9.130	#
8)	L2 AR-1221-1	0.000	4.047	0	31701	N.D.	2.574	#
9)	L2 AR-1221-2	4.829	4.132	503684	861778	36.785	88.996	#
10)	L2 AR-1221-3	4.931	4.190	417302	72899	9.949	2.499	#
11)	L3 AR-1232-1	4.931	4.190	417302	72899	12.534	3.105	#
12)	L3 AR-1232-2	0.000	4.952	0	61908	N.D.	2.626	#
13)	L3 AR-1232-3	0.000	5.172f	0	175879	N.D.	13.584	#
14)	L3 AR-1232-4	0.000	5.222	0	73750	N.D.	6.652	#
15)	L3 AR-1232-5	0.000	5.357	0	244894	N.D.	20.056	#
16)	L4 AR-1242-1	0.000	4.931	0	25624	N.D.	0.889	#
17)	L4 AR-1242-2	0.000	4.952	0	61908	N.D.	1.571	#
18)	L4 AR-1242-3	0.000	5.172f	0	175879	N.D.	7.815	#
19)	L4 AR-1242-4	0.000	5.222	0	73750	N.D.	3.417	#
20)	L4 AR-1242-5	0.000	5.763	0	233132	N.D.	8.104	#
21)	L5 AR-1248-1	0.000	4.931	0	25624	N.D.	1.164	#
22)	L5 AR-1248-2	0.000	5.172	0	175879	N.D.	5.850	#
23)	L5 AR-1248-3	0.000	5.222	0	73750	N.D.	2.380	#
24)	L5 AR-1248-4	0.000	5.357	0	244894	N.D.	6.629	#
25)	L5 AR-1248-5	0.000	5.763	0	233132	N.D.	6.235	#
26)	L6 AR-1254-1	0.000	5.763	0	233132	N.D.	4.234	#
27)	L6 AR-1254-2	0.000	5.863	0	461407	N.D.	9.539	#
28)	L6 AR-1254-3	0.000	6.283	0	741840	N.D.	9.774	#
29)	L6 AR-1254-4	7.472f	6.476f	1034678	354361	15.174	6.914	#
31)	L7 AR-1260-1	0.000	6.476f	0	354361	N.D.	7.347	#
32)	L7 AR-1260-2	7.472f	6.576f	1034678	126918	13.297	2.070	#
33)	L7 AR-1260-3	7.945f	6.755	504297	166752	8.066	2.772	#
34)	L7 AR-1260-4	0.000	7.215	0	443924	N.D.	9.553	#
37)	L8 AR-1262-2	0.000	7.215	0	443924	N.D.	7.280	#
38)	L8 AR-1262-3	0.000	7.699f	0	453503	N.D.	8.671	#
39)	L8 AR-1262-4	0.000	7.854	0	583816	N.D.	6.316	#
40)	L8 AR-1262-5	9.564f	0.000	263506	0	4.655	N.D.	#
41)	L9 AR-1268-1	0.000	7.699f	0	453503	N.D.	3.125	#
42)	L9 AR-1268-2	0.000	7.854	0	583816	N.D.	4.396	#
44)	L9 AR-1268-4	9.564f	0.000	263506	0	4.487	N.D.	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 16:03
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:20:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

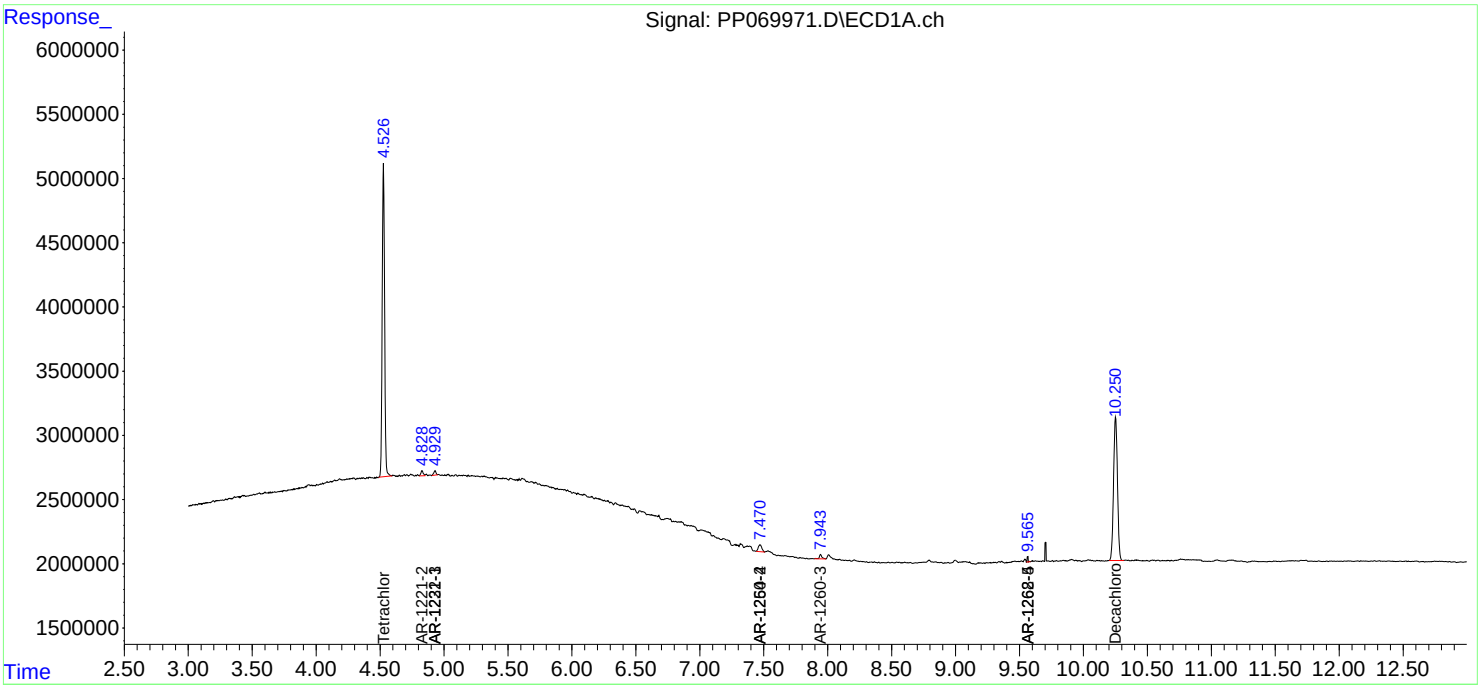
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

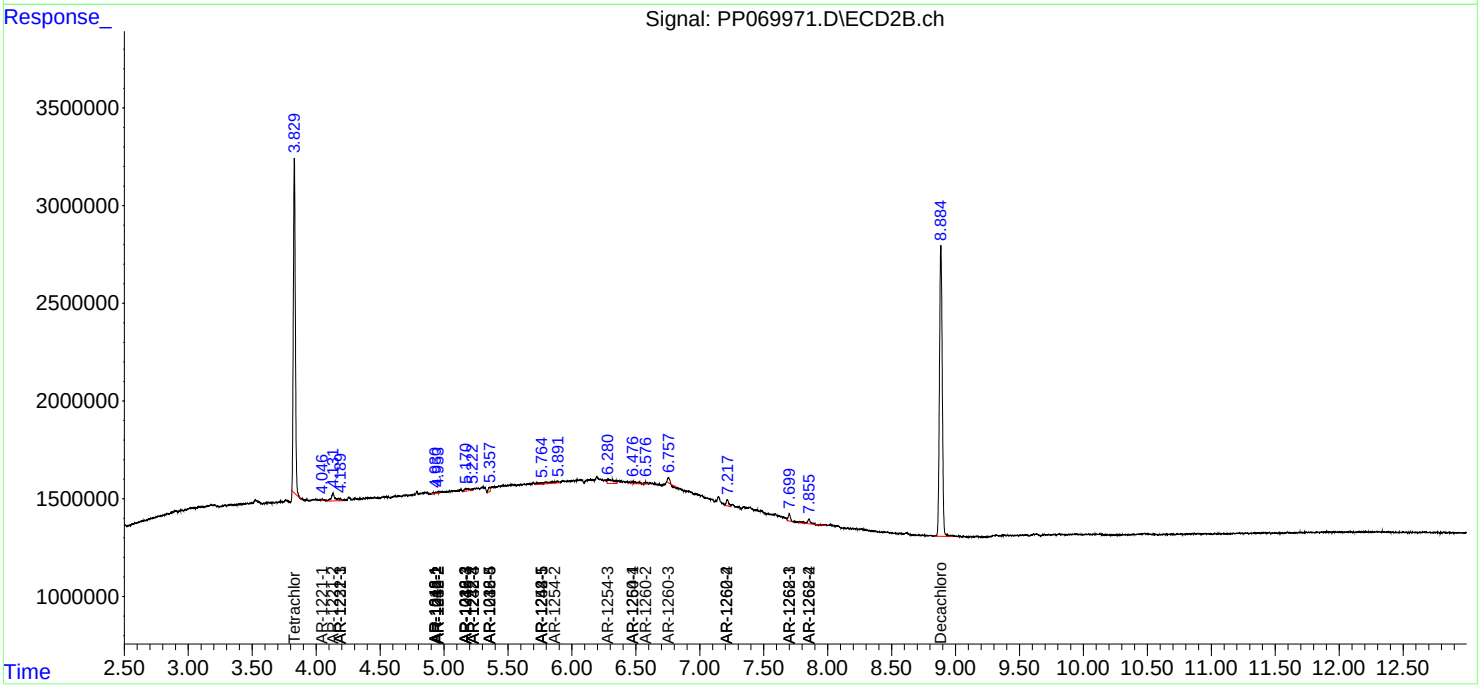
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022125\
Data File : PP069971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 16:03
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

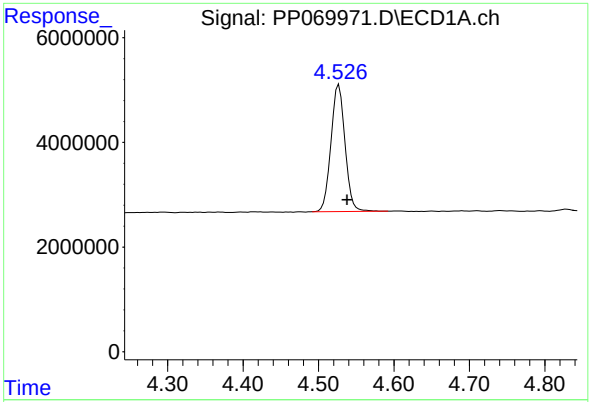
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 05:20:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



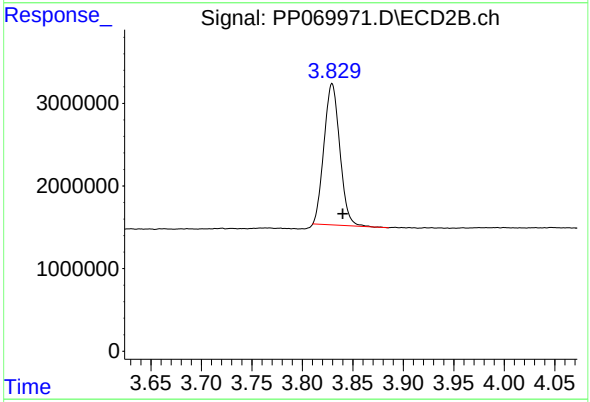




#1 Tetrachloro-m-xylene

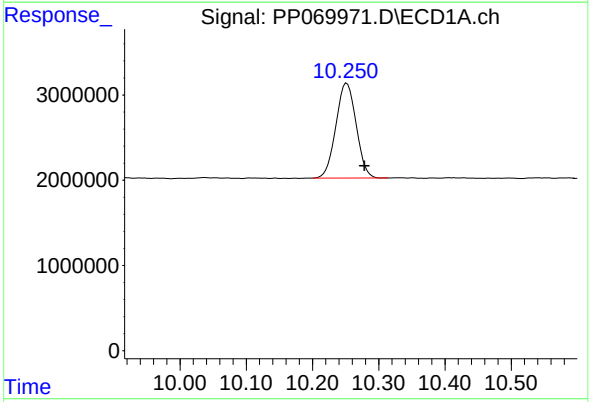
R.T.: 4.527 min
Delta R.T.: -0.011 min
Response: 31414783
Conc: 21.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



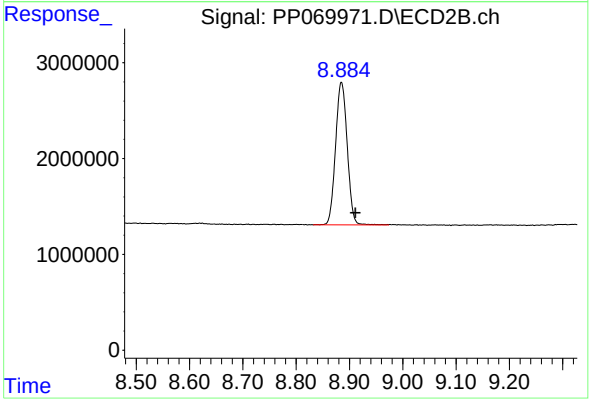
#1 Tetrachloro-m-xylene

R.T.: 3.830 min
Delta R.T.: -0.010 min
Response: 18648942
Conc: 20.89 ng/ml



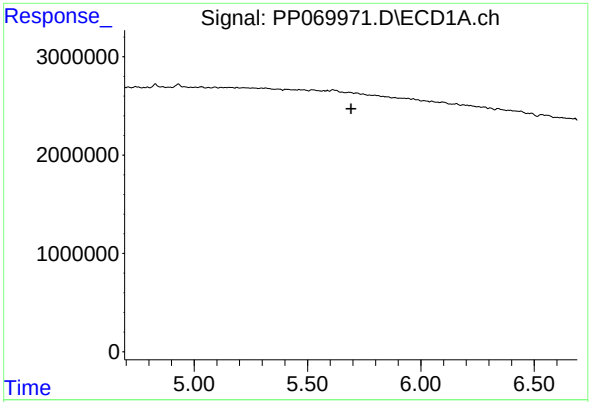
#2 Decachlorobiphenyl

R.T.: 10.252 min
Delta R.T.: -0.027 min
Response: 23676233
Conc: 21.66 ng/ml



#2 Decachlorobiphenyl

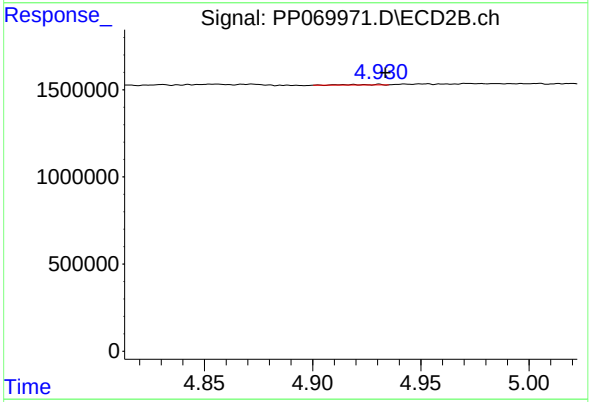
R.T.: 8.885 min
Delta R.T.: -0.026 min
Response: 22646493
Conc: 20.25 ng/ml



#3 AR-1016-1

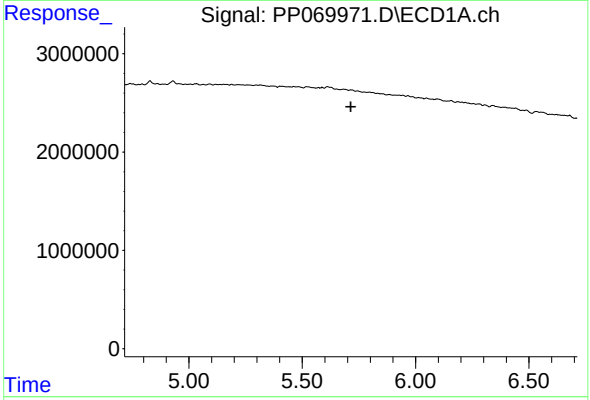
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



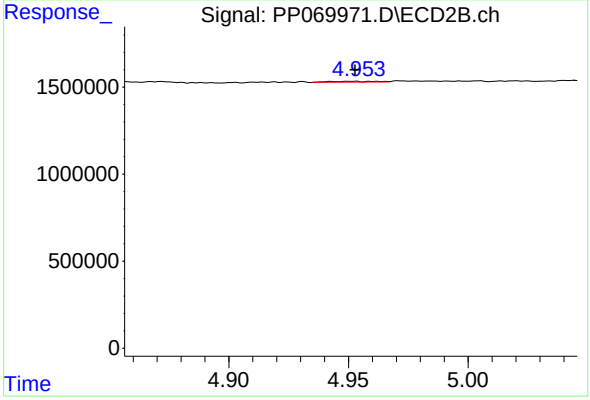
#3 AR-1016-1

R.T.: 4.931 min
Delta R.T.: -0.003 min
Response: 25624
Conc: 0.79 ng/ml



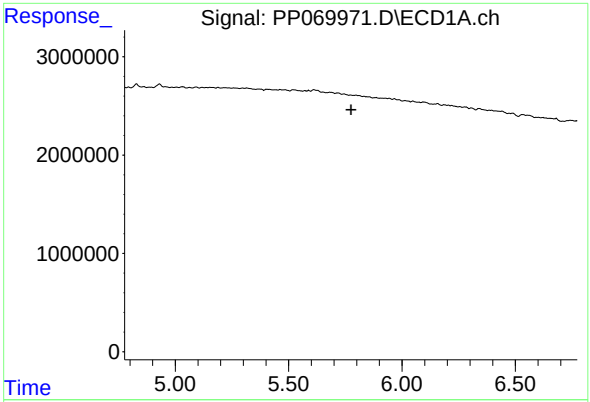
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.



#4 AR-1016-2

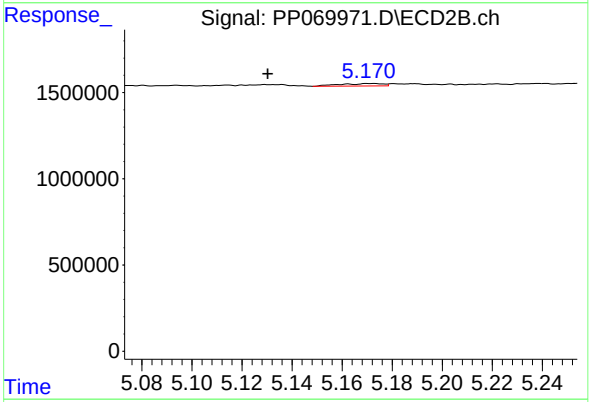
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 61908
Conc: 1.38 ng/ml



#5 AR-1016-3

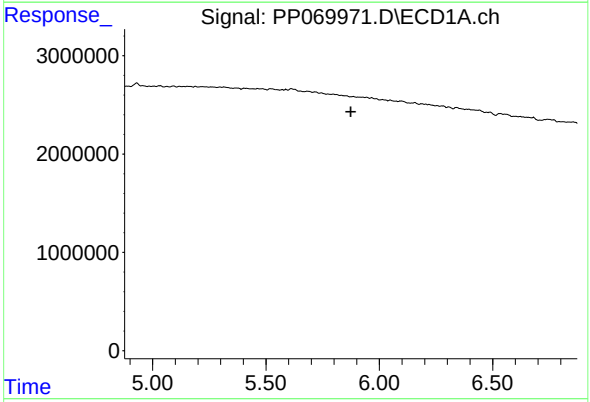
R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



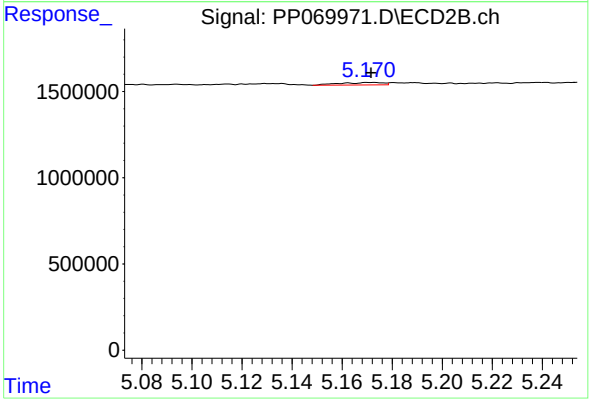
#5 AR-1016-3

R.T.: 5.172 min
Delta R.T.: 0.041 min
Response: 175879
Conc: 7.07 ng/ml



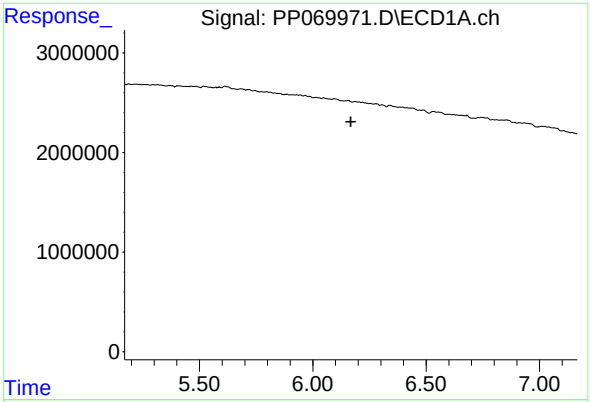
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.



#6 AR-1016-4

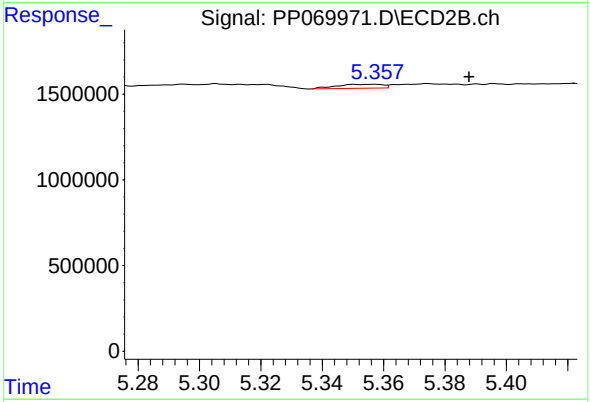
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 175879
Conc: 8.71 ng/ml



#7 AR-1016-5

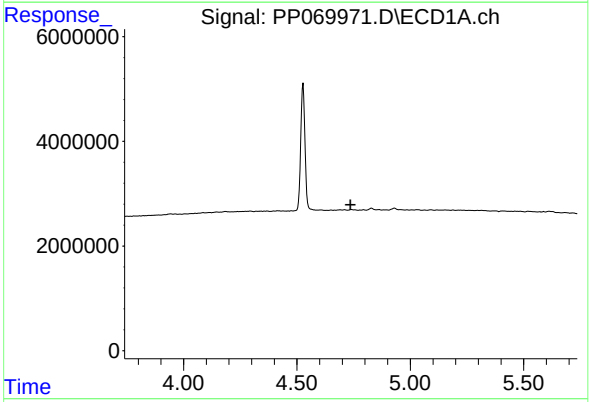
R.T.: 0.000 min
Exp R.T. : 6.167 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



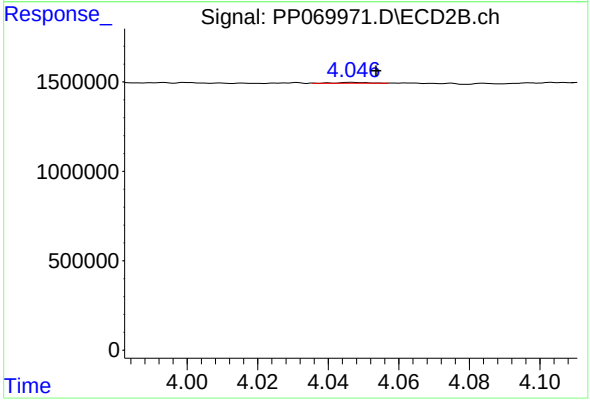
#7 AR-1016-5

R.T.: 5.357 min
Delta R.T.: -0.031 min
Response: 244894
Conc: 9.13 ng/ml



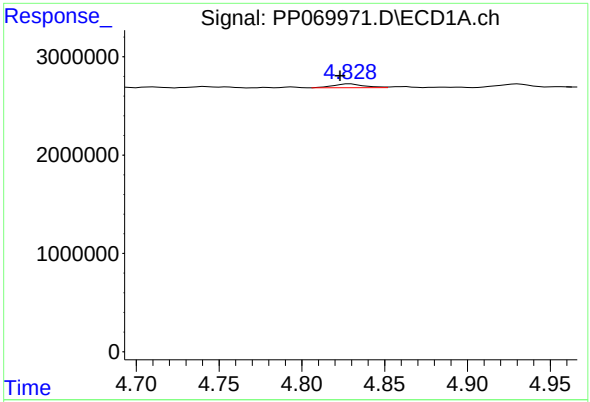
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.737 min
Response: 0
Conc: N.D.



#8 AR-1221-1

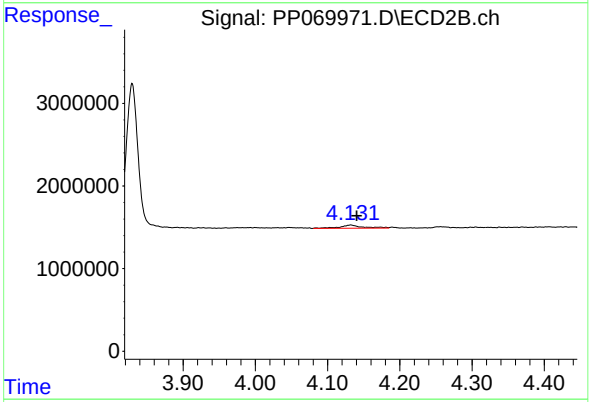
R.T.: 4.047 min
Delta R.T.: -0.007 min
Response: 31701
Conc: 2.57 ng/ml



#9 AR-1221-2

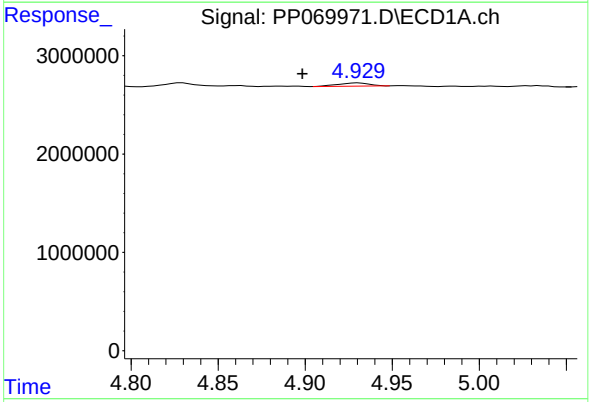
R.T.: 4.829 min
Delta R.T.: 0.006 min
Response: 503684
Conc: 36.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



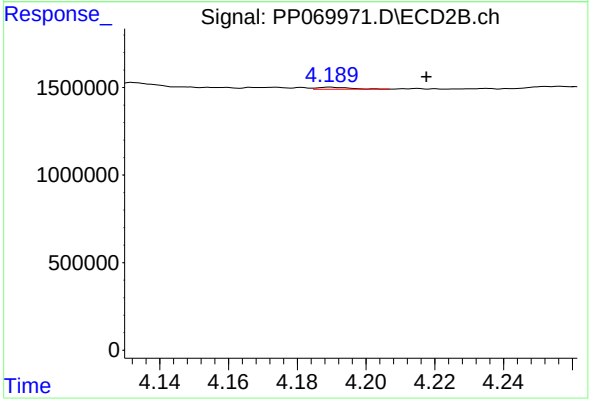
#9 AR-1221-2

R.T.: 4.132 min
Delta R.T.: -0.008 min
Response: 861778
Conc: 89.00 ng/ml



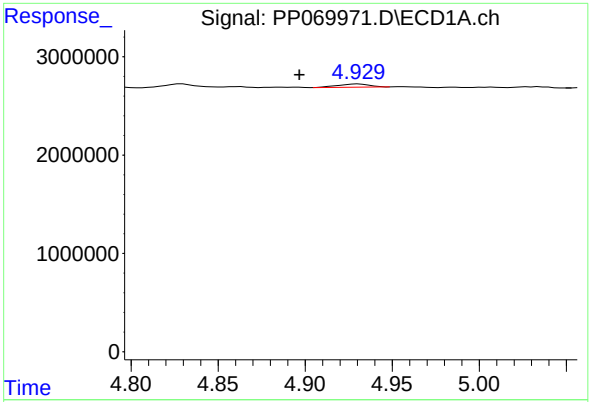
#10 AR-1221-3

R.T.: 4.931 min
Delta R.T.: 0.032 min
Response: 417302
Conc: 9.95 ng/ml



#10 AR-1221-3

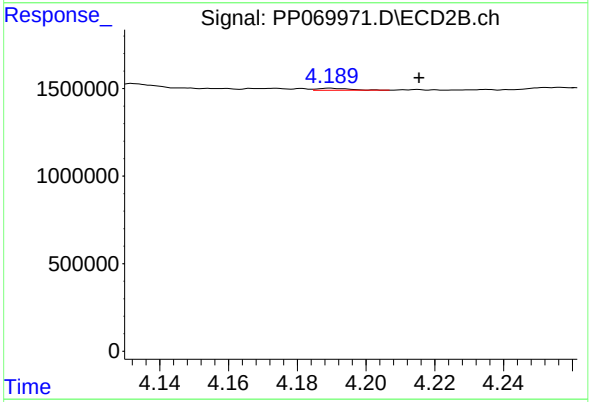
R.T.: 4.190 min
Delta R.T.: -0.028 min
Response: 72899
Conc: 2.50 ng/ml



#11 AR-1232-1

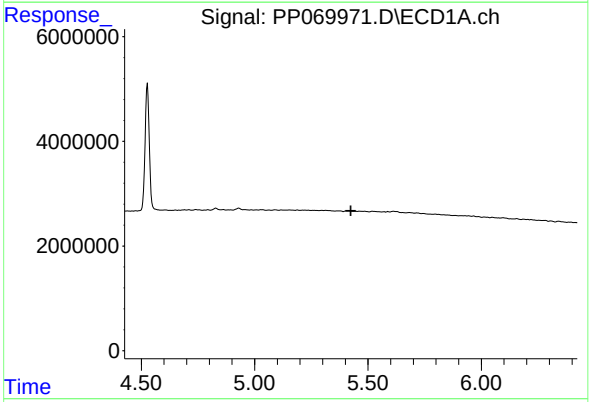
R.T.: 4.931 min
Delta R.T.: 0.034 min
Response: 417302
Conc: 12.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



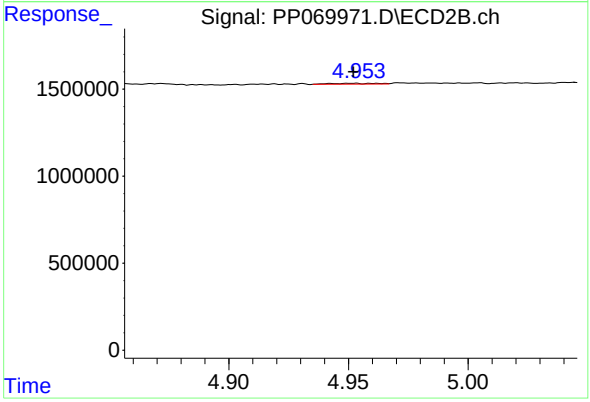
#11 AR-1232-1

R.T.: 4.190 min
Delta R.T.: -0.026 min
Response: 72899
Conc: 3.10 ng/ml



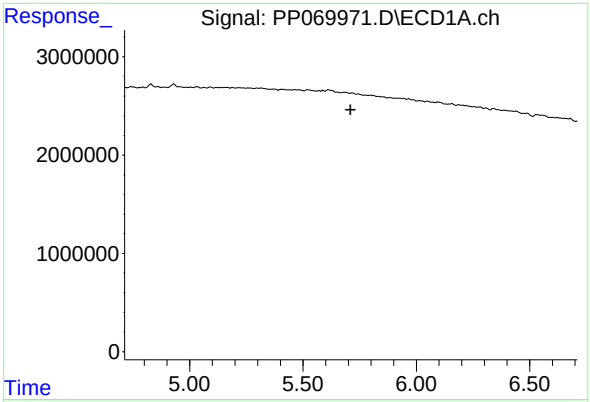
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.424 min
Response: 0
Conc: N.D.



#12 AR-1232-2

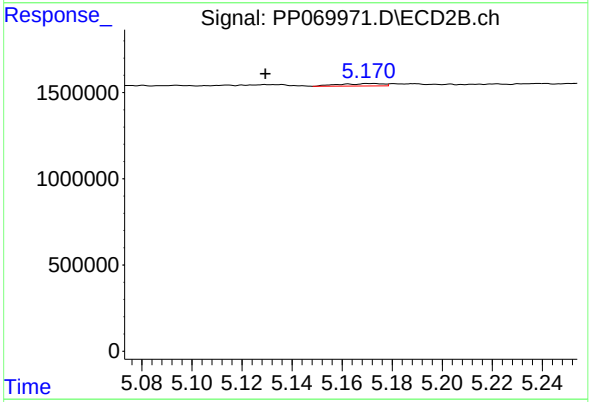
R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 61908
Conc: 2.63 ng/ml



#13 AR-1232-3

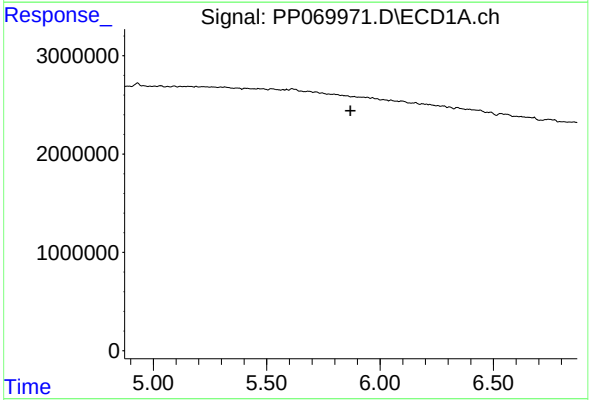
R.T.: 0.000 min
Exp R.T. : 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



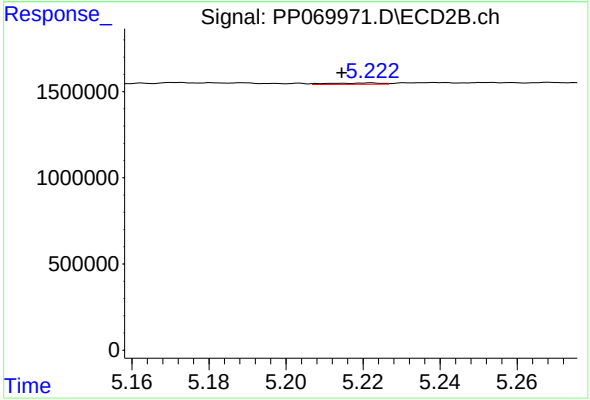
#13 AR-1232-3

R.T.: 5.172 min
Delta R.T.: 0.042 min
Response: 175879
Conc: 13.58 ng/ml



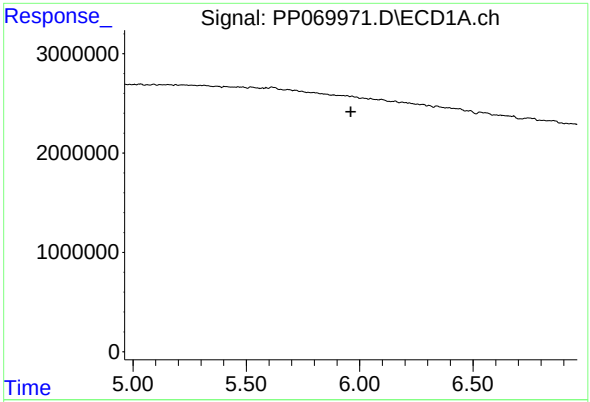
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

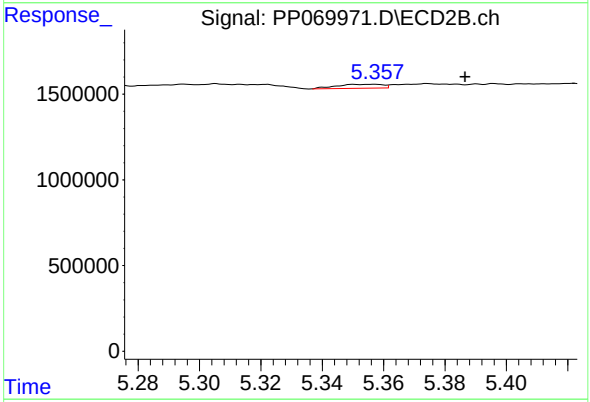
R.T.: 5.222 min
Delta R.T.: 0.007 min
Response: 73750
Conc: 6.65 ng/ml



#15 AR-1232-5

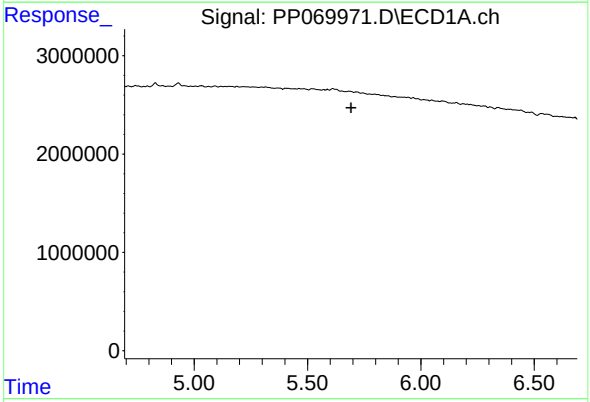
R.T.: 0.000 min
Exp R.T. : 5.960 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



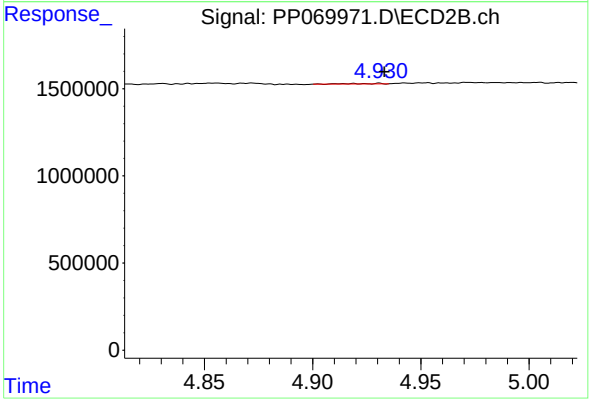
#15 AR-1232-5

R.T.: 5.357 min
Delta R.T.: -0.030 min
Response: 244894
Conc: 20.06 ng/ml



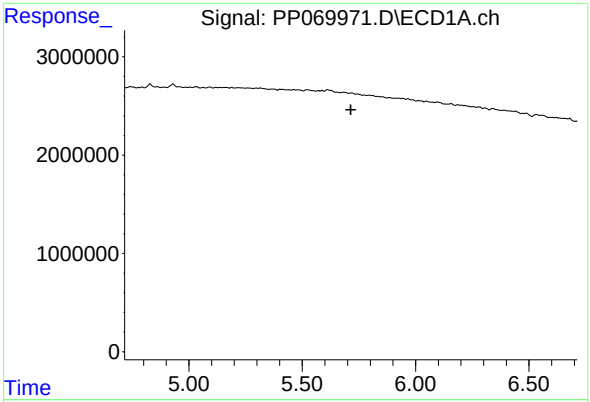
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#16 AR-1242-1

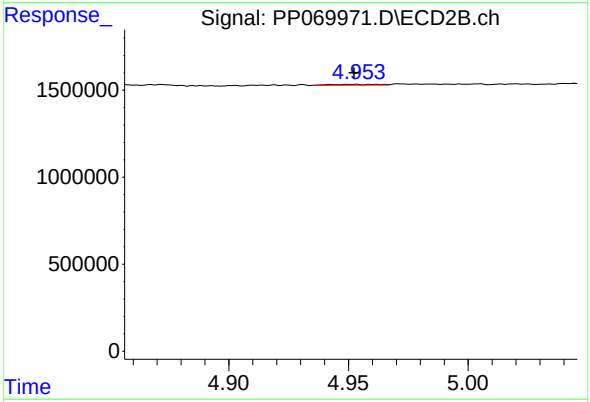
R.T.: 4.931 min
Delta R.T.: -0.002 min
Response: 25624
Conc: 0.89 ng/ml



#17 AR-1242-2

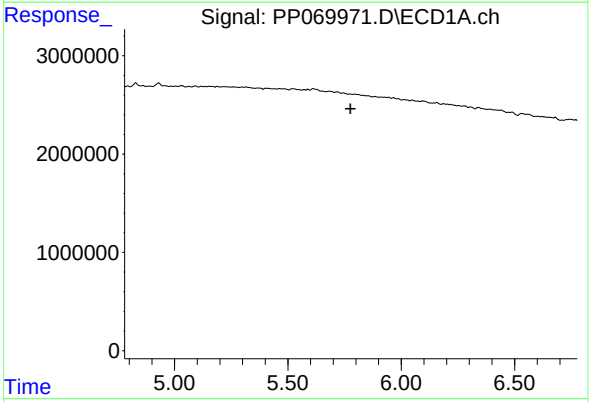
R.T.: 0.000 min
Exp R.T. : 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



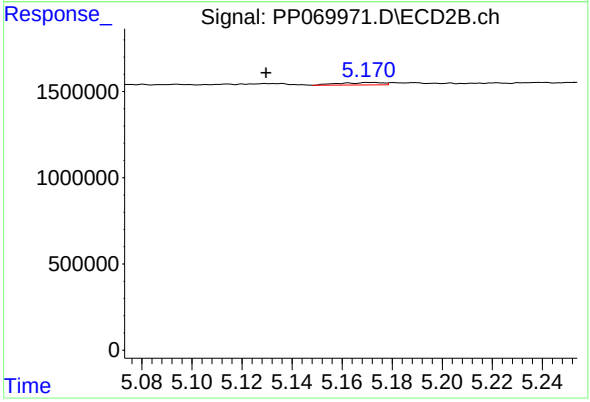
#17 AR-1242-2

R.T.: 4.952 min
Delta R.T.: 0.000 min
Response: 61908
Conc: 1.57 ng/ml



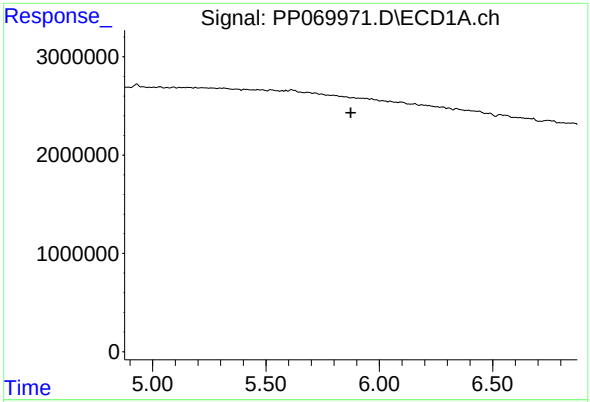
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#18 AR-1242-3

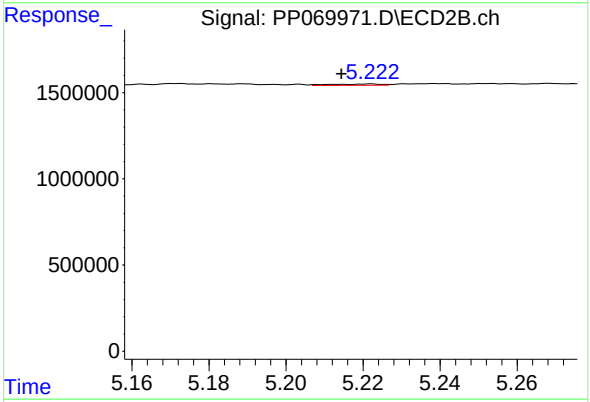
R.T.: 5.172 min
Delta R.T.: 0.042 min
Response: 175879
Conc: 7.82 ng/ml



#19 AR-1242-4

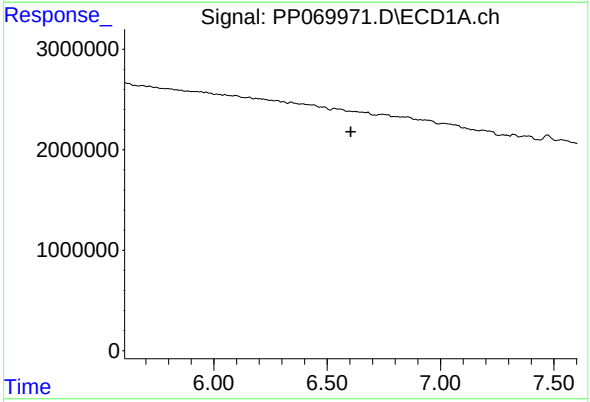
R.T.: 0.000 min
Exp R.T. : 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



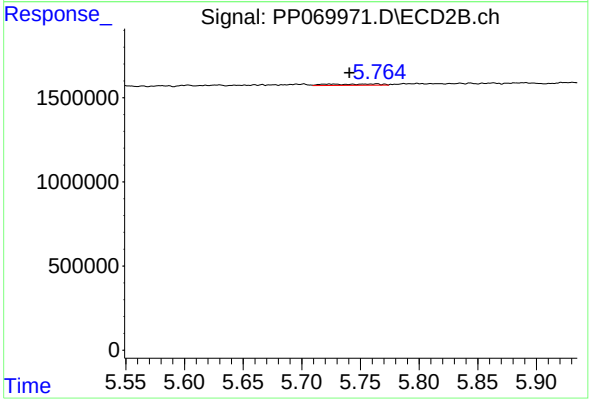
#19 AR-1242-4

R.T.: 5.222 min
Delta R.T.: 0.007 min
Response: 73750
Conc: 3.42 ng/ml



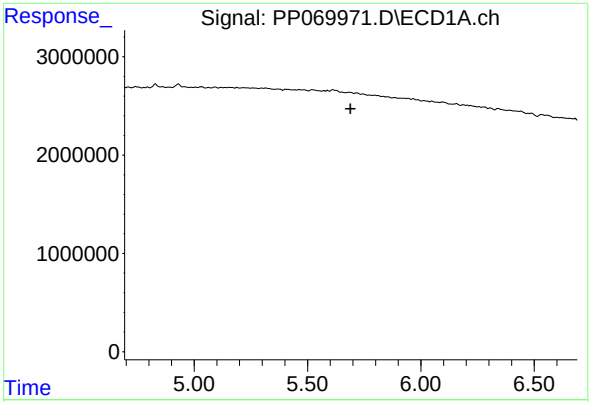
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.605 min
Response: 0
Conc: N.D.



#20 AR-1242-5

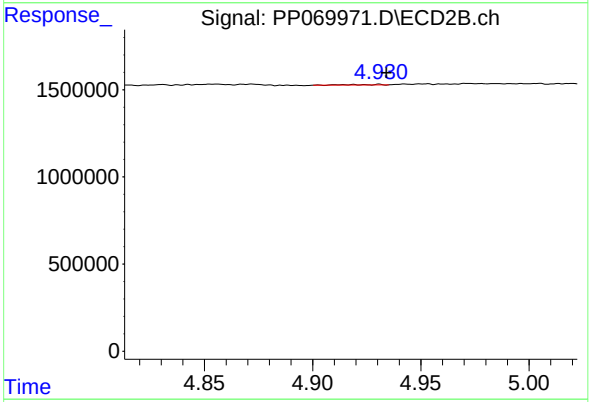
R.T.: 5.763 min
Delta R.T.: 0.022 min
Response: 233132
Conc: 8.10 ng/ml



#21 AR-1248-1

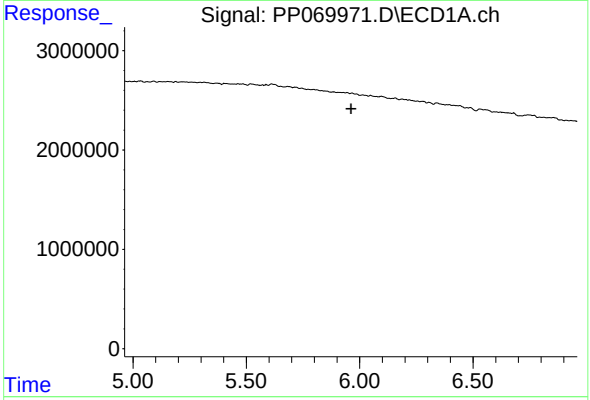
R.T.: 0.000 min
Exp R.T. : 5.690 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



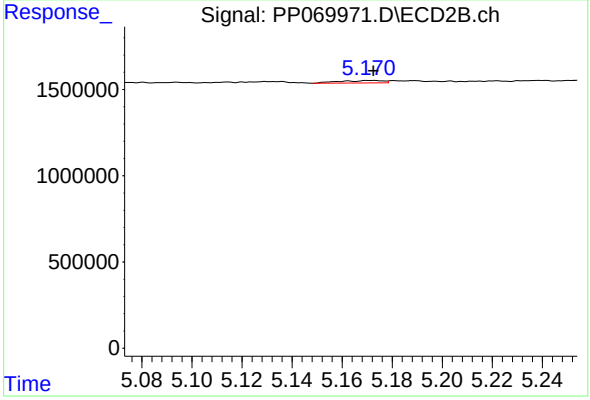
#21 AR-1248-1

R.T.: 4.931 min
Delta R.T.: -0.003 min
Response: 25624
Conc: 1.16 ng/ml



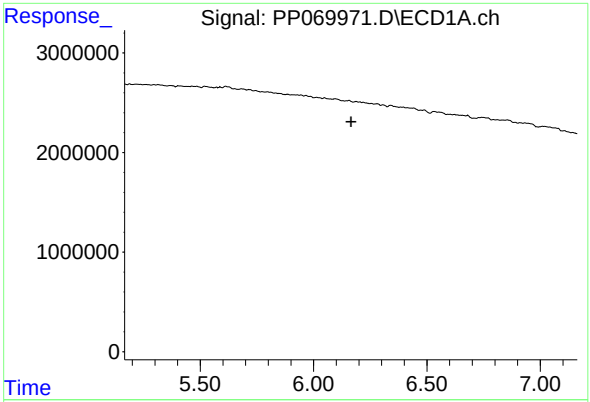
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.963 min
Response: 0
Conc: N.D.



#22 AR-1248-2

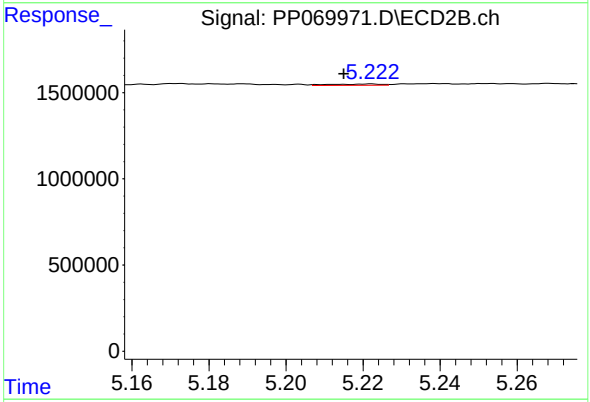
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 175879
Conc: 5.85 ng/ml



#23 AR-1248-3

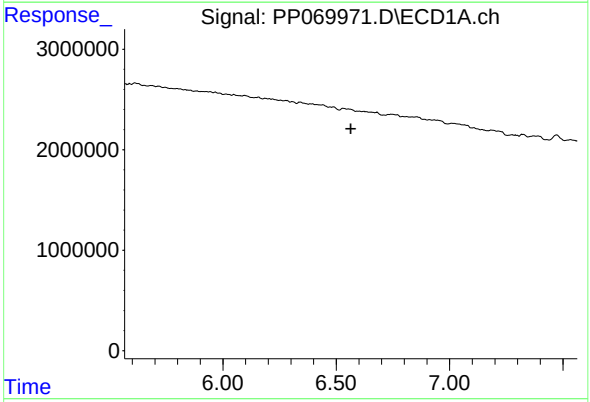
R.T.: 0.000 min
Exp R.T. : 6.166 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



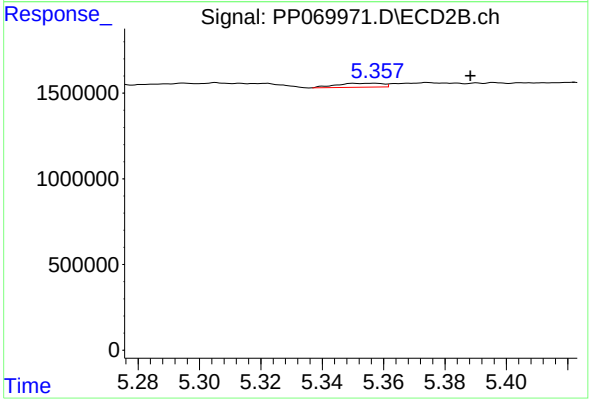
#23 AR-1248-3

R.T.: 5.222 min
Delta R.T.: 0.007 min
Response: 73750
Conc: 2.38 ng/ml



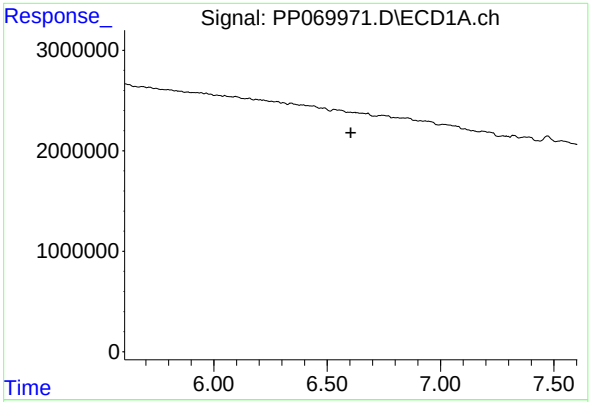
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.565 min
Response: 0
Conc: N.D.



#24 AR-1248-4

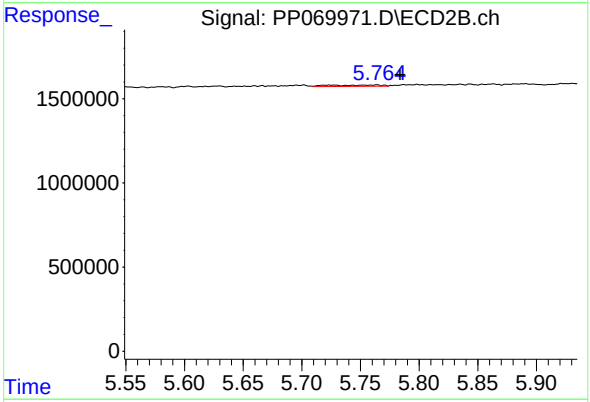
R.T.: 5.357 min
Delta R.T.: -0.032 min
Response: 244894
Conc: 6.63 ng/ml



#25 AR-1248-5

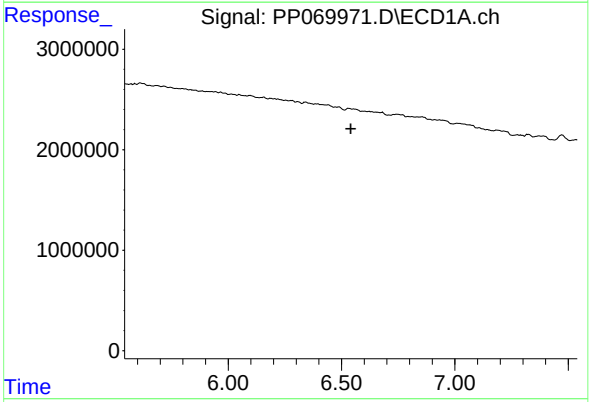
R.T.: 0.000 min
Exp R.T. : 6.604 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



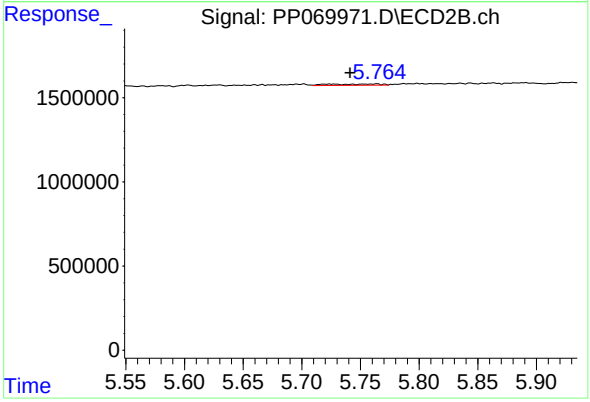
#25 AR-1248-5

R.T.: 5.763 min
Delta R.T.: -0.021 min
Response: 233132
Conc: 6.24 ng/ml



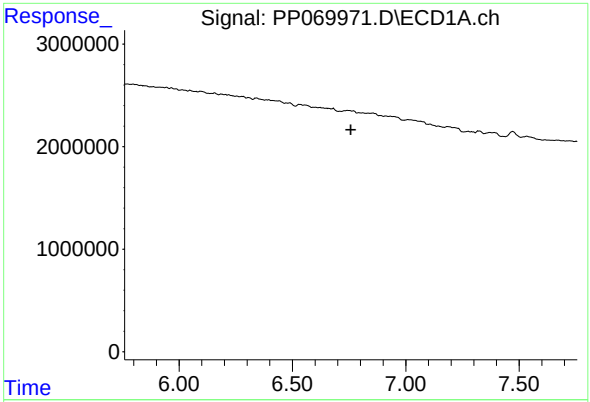
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 6.541 min
Response: 0
Conc: N.D.



#26 AR-1254-1

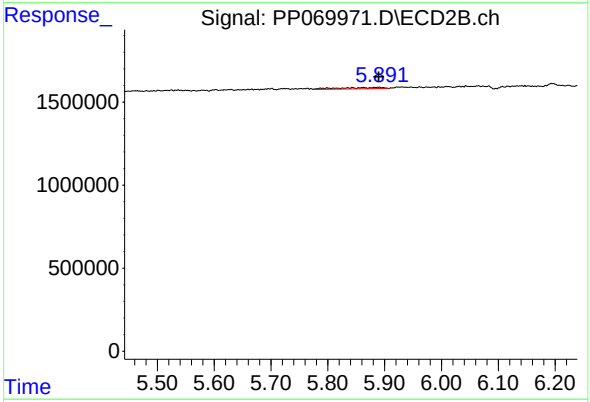
R.T.: 5.763 min
Delta R.T.: 0.022 min
Response: 233132
Conc: 4.23 ng/ml



#27 AR-1254-2

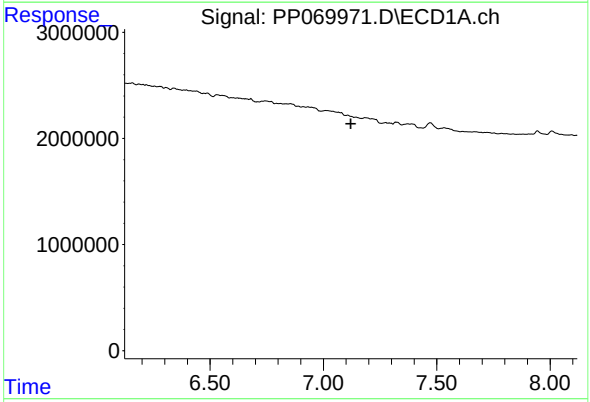
R.T.: 0.000 min
Exp R.T. : 6.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



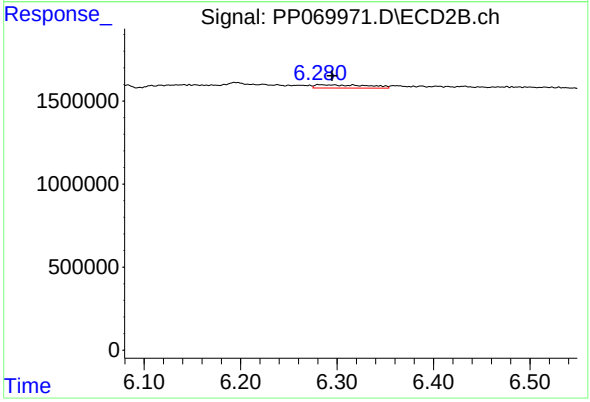
#27 AR-1254-2

R.T.: 5.863 min
Delta R.T.: -0.027 min
Response: 461407
Conc: 9.54 ng/ml



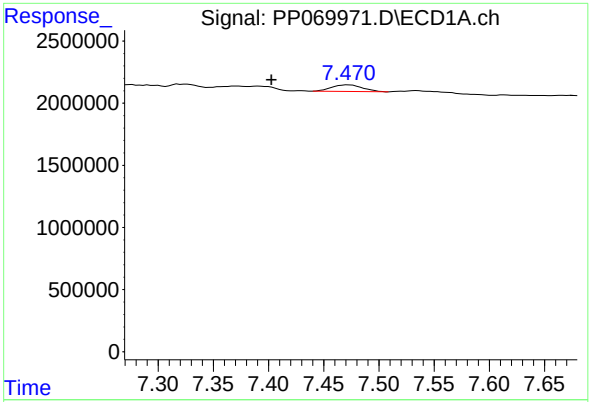
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.120 min
Response: 0
Conc: N.D.



#28 AR-1254-3

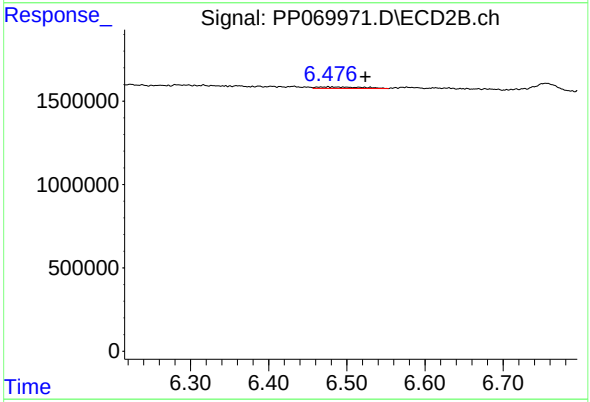
R.T.: 6.283 min
Delta R.T.: -0.012 min
Response: 741840
Conc: 9.77 ng/ml



#29 AR-1254-4

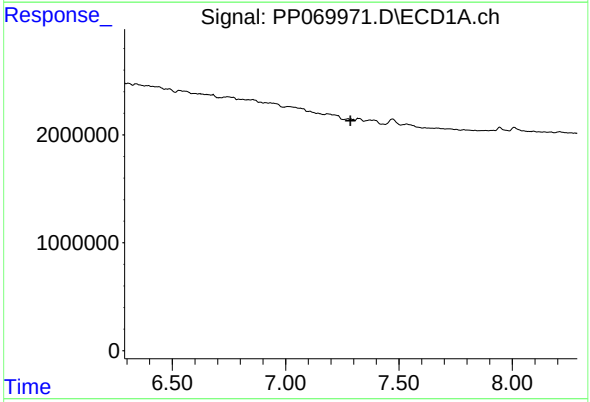
R.T.: 7.472 min
Delta R.T.: 0.069 min
Response: 1034678
Conc: 15.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



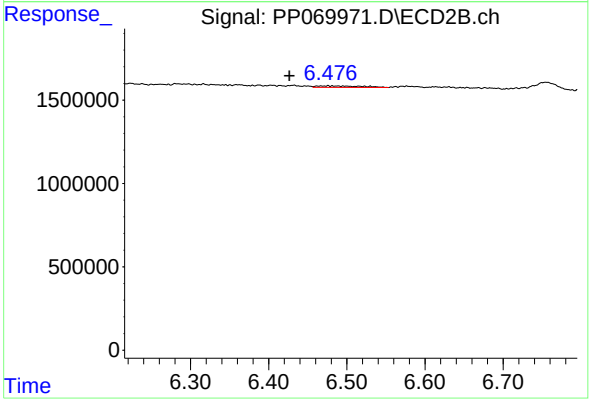
#29 AR-1254-4

R.T.: 6.476 min
Delta R.T.: -0.047 min
Response: 354361
Conc: 6.91 ng/ml



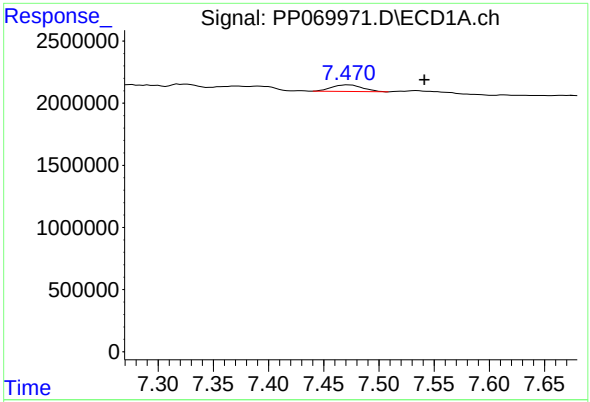
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.287 min
Response: 0
Conc: N.D.



#31 AR-1260-1

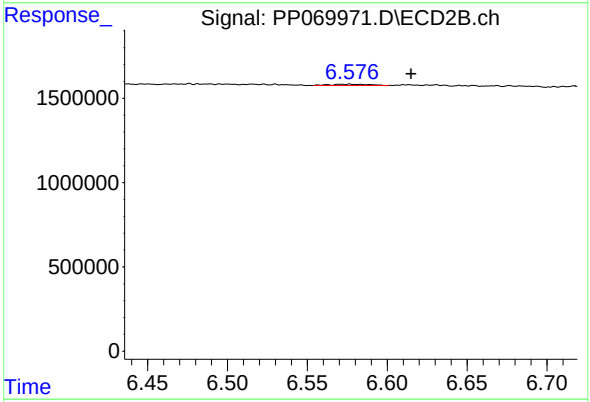
R.T.: 6.476 min
Delta R.T.: 0.050 min
Response: 354361
Conc: 7.35 ng/ml



#32 AR-1260-2

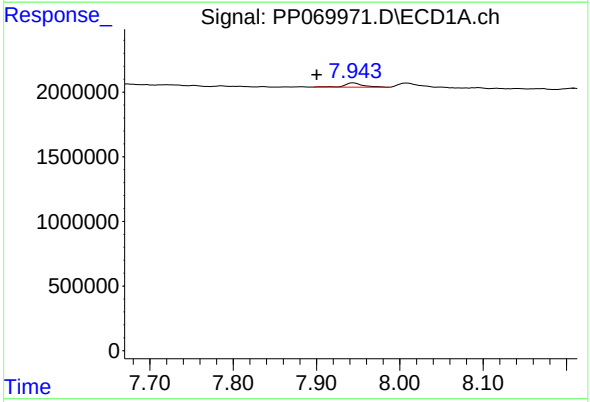
R.T.: 7.472 min
Delta R.T.: -0.069 min
Response: 1034678
Conc: 13.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



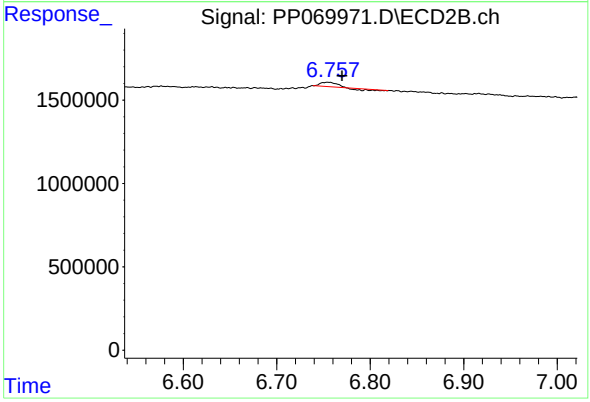
#32 AR-1260-2

R.T.: 6.576 min
Delta R.T.: -0.039 min
Response: 126918
Conc: 2.07 ng/ml



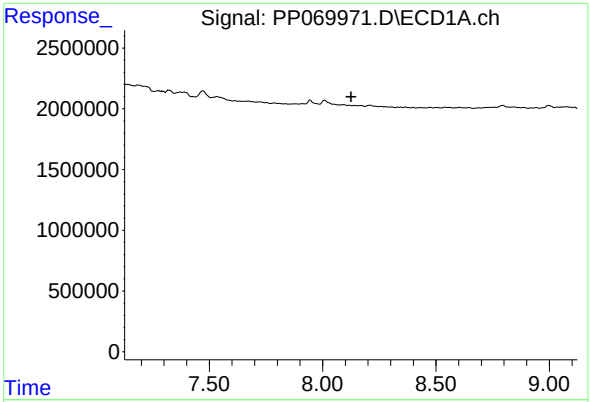
#33 AR-1260-3

R.T.: 7.945 min
Delta R.T.: 0.044 min
Response: 504297
Conc: 8.07 ng/ml



#33 AR-1260-3

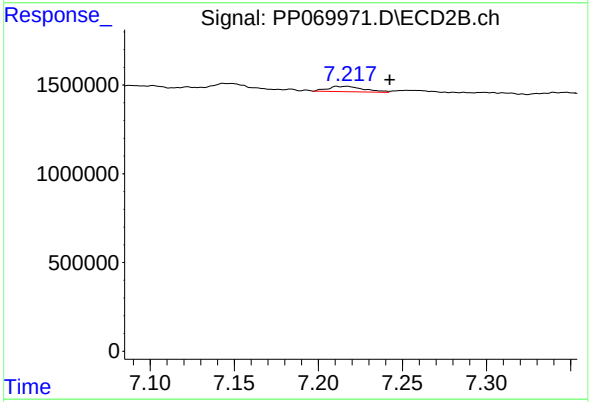
R.T.: 6.755 min
Delta R.T.: -0.015 min
Response: 166752
Conc: 2.77 ng/ml



#34 AR-1260-4

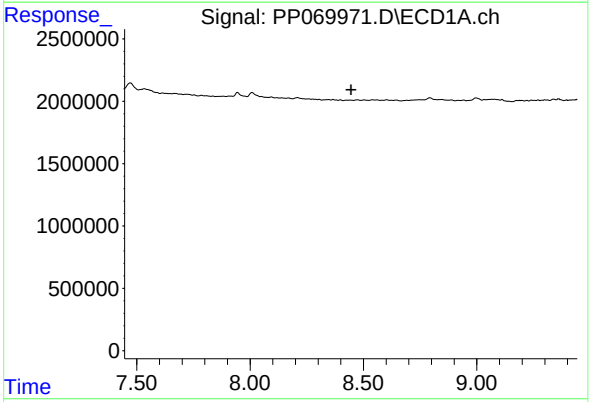
R.T.: 0.000 min
Exp R.T. : 8.125 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



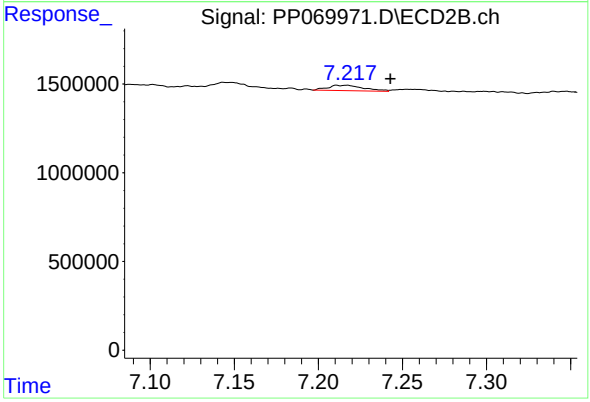
#34 AR-1260-4

R.T.: 7.215 min
Delta R.T.: -0.027 min
Response: 443924
Conc: 9.55 ng/ml



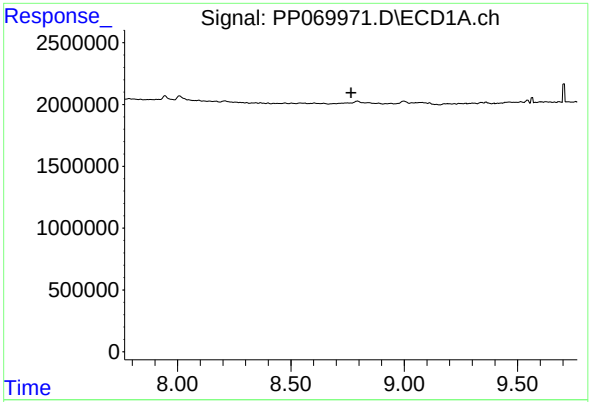
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.



#37 AR-1262-2

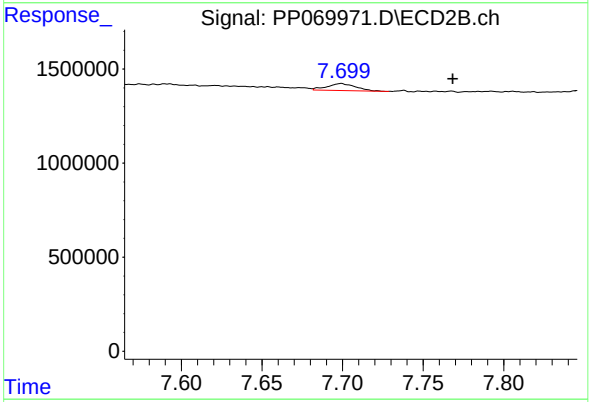
R.T.: 7.215 min
Delta R.T.: -0.028 min
Response: 443924
Conc: 7.28 ng/ml



#38 AR-1262-3

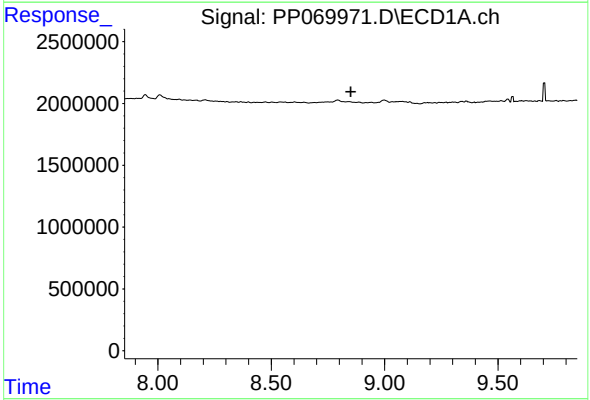
R.T.: 0.000 min
Exp R.T. : 8.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



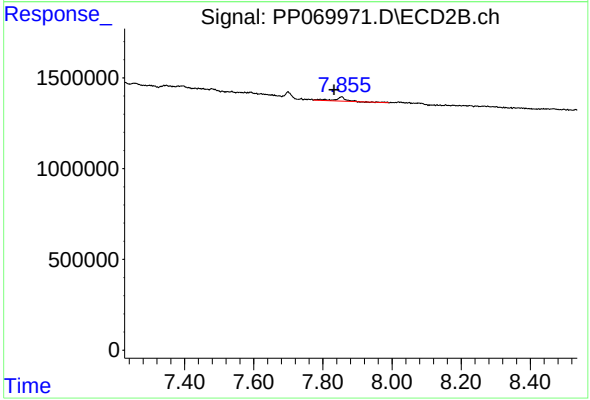
#38 AR-1262-3

R.T.: 7.699 min
Delta R.T.: -0.069 min
Response: 453503
Conc: 8.67 ng/ml



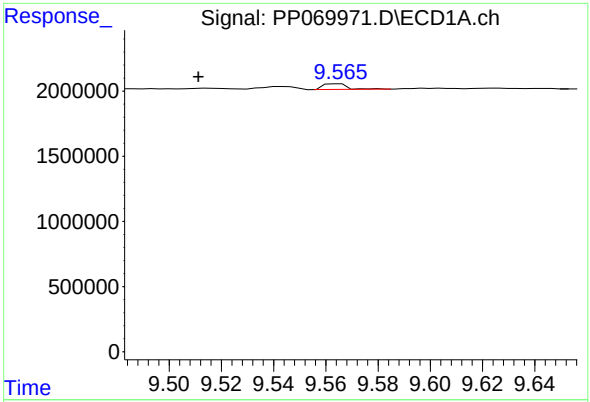
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.852 min
Response: 0
Conc: N.D.



#39 AR-1262-4

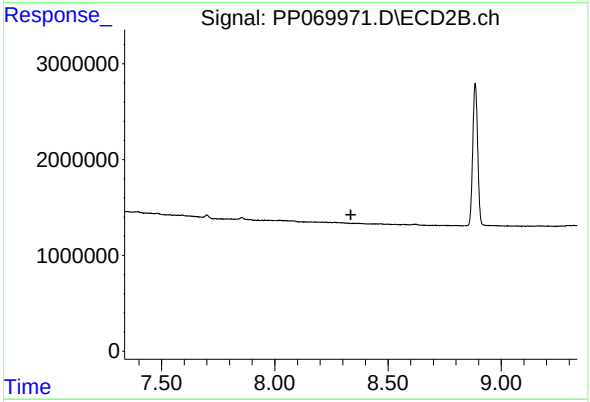
R.T.: 7.854 min
Delta R.T.: 0.022 min
Response: 583816
Conc: 6.32 ng/ml



#40 AR-1262-5

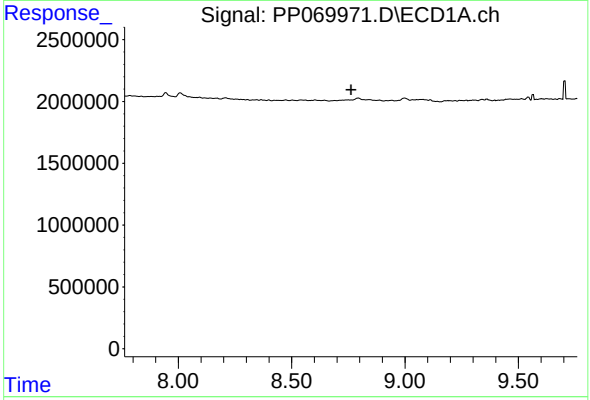
R.T.: 9.564 min
Delta R.T.: 0.053 min
Response: 263506
Conc: 4.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



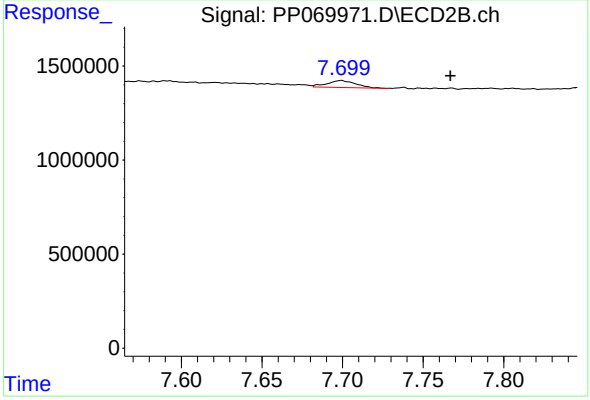
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.336 min
Response: 0
Conc: N.D.



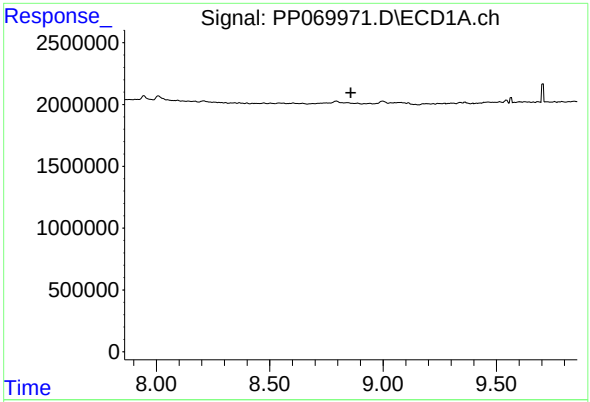
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

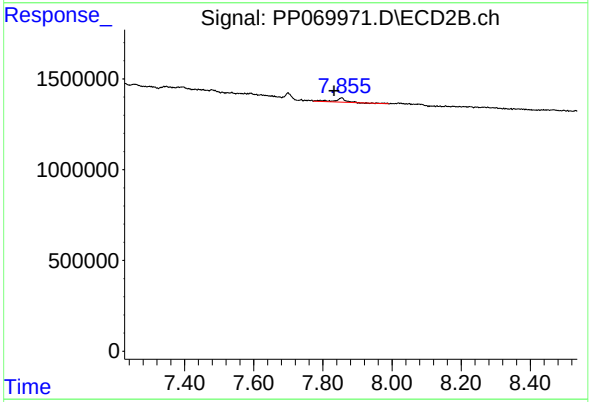
R.T.: 7.699 min
Delta R.T.: -0.068 min
Response: 453503
Conc: 3.12 ng/ml



#42 AR-1268-2

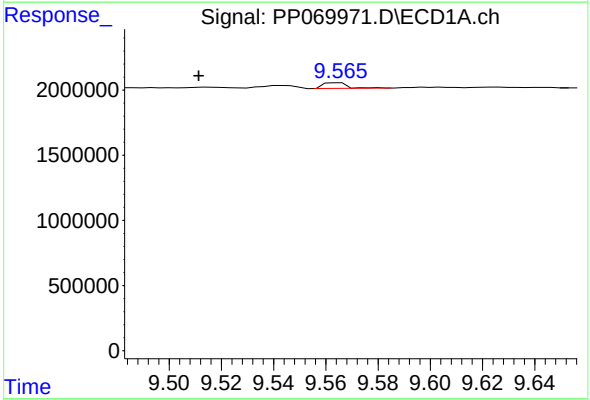
R.T.: 0.000 min
Exp R.T. : 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
I.BLK



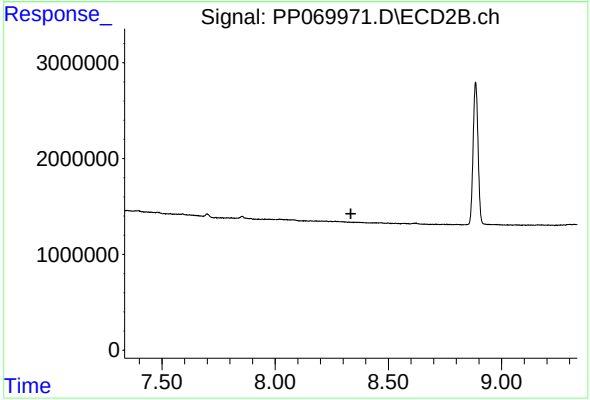
#42 AR-1268-2

R.T.: 7.854 min
Delta R.T.: 0.022 min
Response: 583816
Conc: 4.40 ng/ml



#44 AR-1268-4

R.T.: 9.564 min
Delta R.T.: 0.053 min
Response: 263506
Conc: 4.49 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.335 min
Response: 0
Conc: N.D.