

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
 Data File : PL081005.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Feb 2023 15:41
 Operator : AR\AJ
 Sample : 01581-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-C

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/20/2023
 Supervised By :Ankita Jodhani 02/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 10:13:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.354	2.689	34221130	30382737	15.955	13.833
28)	SA Decachlor...	8.791	7.834	24206611	30335650	13.826	12.733
Target Compounds							
2)	A alpha-BHC	0.000	3.190	0	165222	N.D.	0.052 #
3)	MA gamma-BHC...	4.103f	3.524	493903	817513	0.168	0.274 #
4)	MA Heptachlor	0.000	3.860	0	106468	N.D.	0.033 #
5)	MB Aldrin	5.038	0.000	342357	0	0.125	N.D. #
6)	B beta-BHC	4.314	3.823	772650	235061	0.566	0.176 #
7)	B delta-BHC	4.569	4.044	5339075	148692	1.844	0.052 #
8)	B Heptachlo...	5.480	4.631	3312609	132057	1.280	0.047 #
9)	A Endosulfan I	5.852	5.034f	870763	649882	0.369	0.250 #
10)	B gamma-Chl...	5.711f	0.000	547821	0	0.217	N.D. #
11)	B alpha-Chl...	5.781f	4.934f	272461	1242436	0.108	0.434 #
12)	B 4,4'-DDE	0.000	5.178f	0	544292	N.D.	0.231 #
13)	MA Dieldrin	0.000	5.281	0	428965	N.D.	0.159 #
14)	MA Endrin	0.000	5.567	0	5573516	N.D.	2.401 #
16)	A 4,4'-DDD	6.489	0.000	69097	0	0.038	N.D. #
17)	MA 4,4'-DDT	6.819	5.943f	5783815	-96923	2.784	N.D. #
19)	B Endosulfa...	6.946	6.225f	-91573	274735	N.D.	0.118
20)	A Methoxychlor	0.000	6.556f	0	282490	N.D.	0.233 #
21)	B Endrin ke...	7.445f	0.000	532229	0	0.241	N.D. #
23)	Chlordane-1	0.000	3.698	0	144248	N.D.	1.771 #
24)	Chlordane-2	5.038	4.272	342357	34023	3.550	0.377 #
25)	Chlordane-3	5.711f	0.000	547821	0	1.621	N.D. #
26)	Chlordane-4	0.000	4.934f	0	1242436	N.D.	4.614 #
27)	Chlordane-5	0.000	5.640	0	3313679	N.D.	46.569 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
Data File : PL081005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Feb 2023 15:41
Operator : AR\AJ
Sample : 01581-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

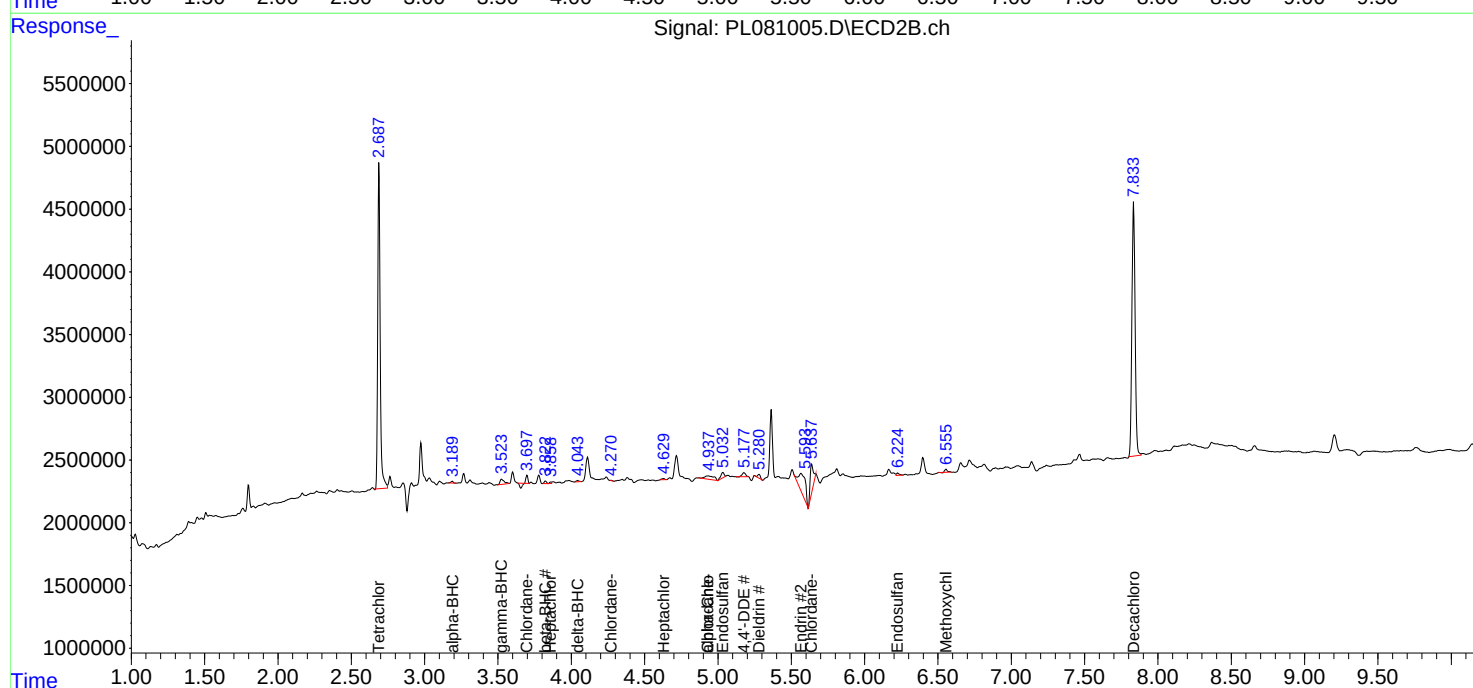
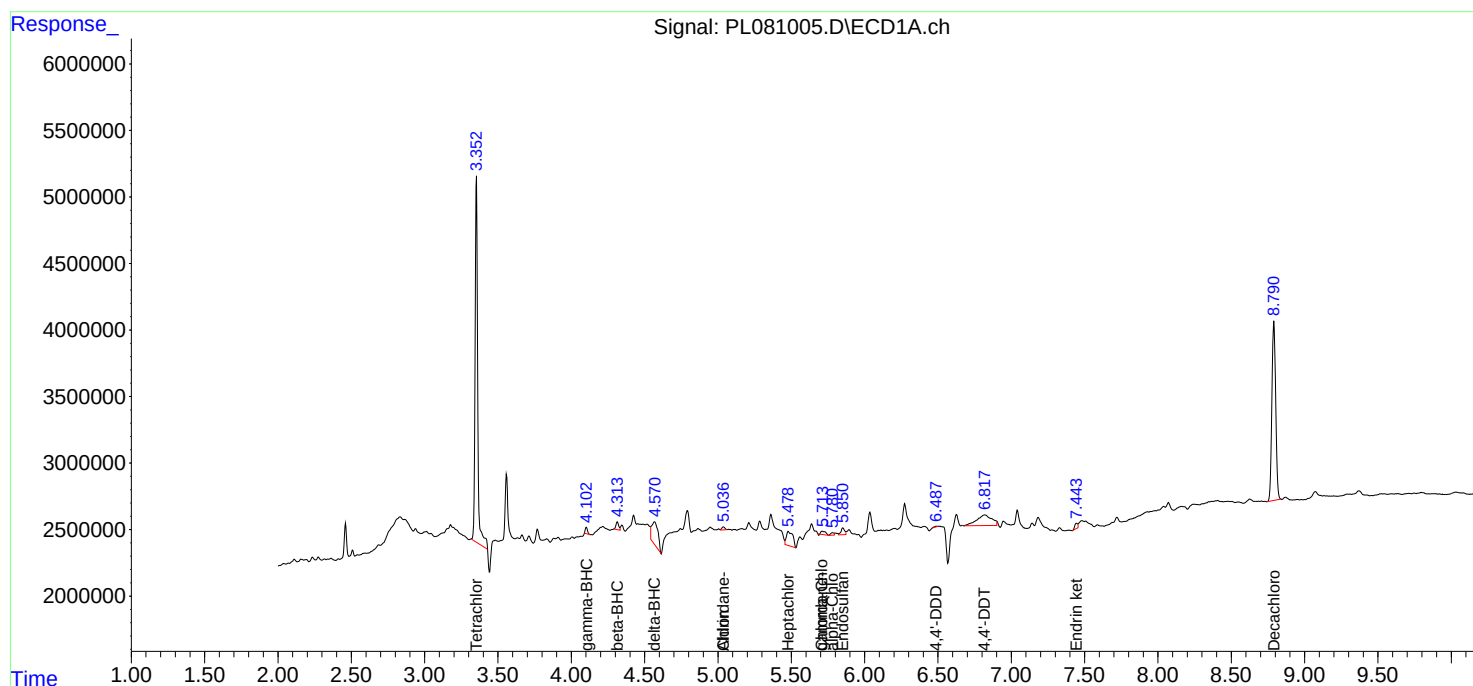
Instrument :
ECD_L
ClientSampleId :
MH-C

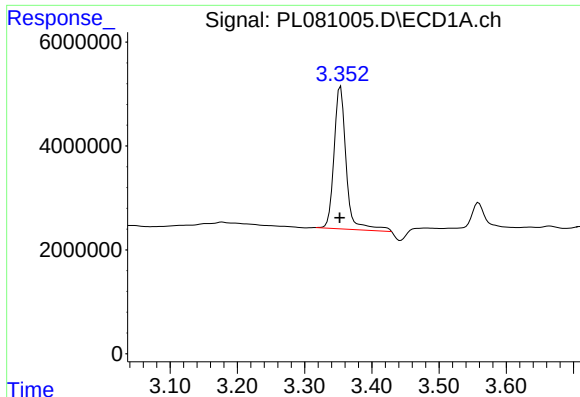
Manual Integrations
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Supervised By : Ankita Jodhani 02/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 20 10:13:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





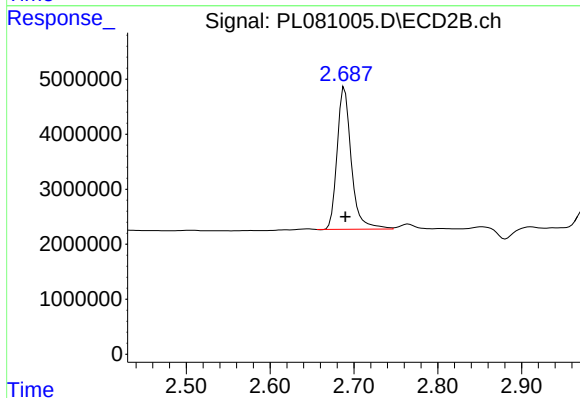
#1 Tetrachloro-m-xylene

R.T.: 3.354 min
Delta R.T.: 0.002 min
Response: 34221130
Conc: 15.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-C

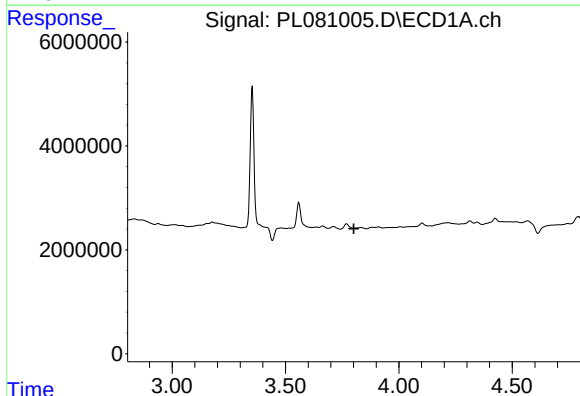
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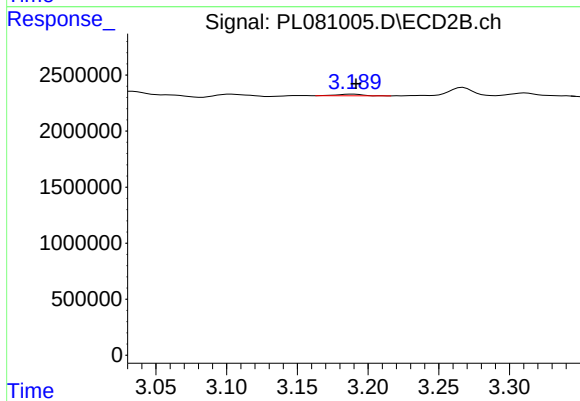
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 30382737
Conc: 13.83 ng/ml



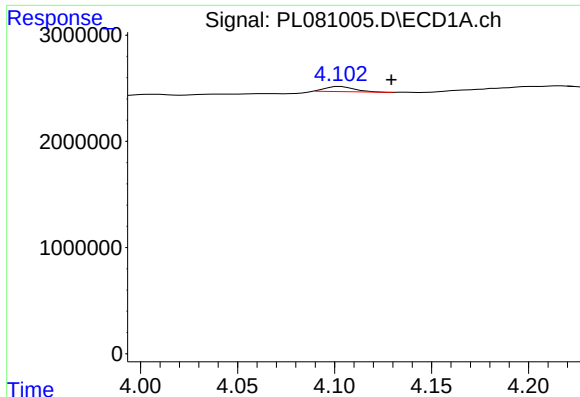
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.801 min
Response: 0
Conc: N.D.



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 165222
Conc: 0.05 ng/ml



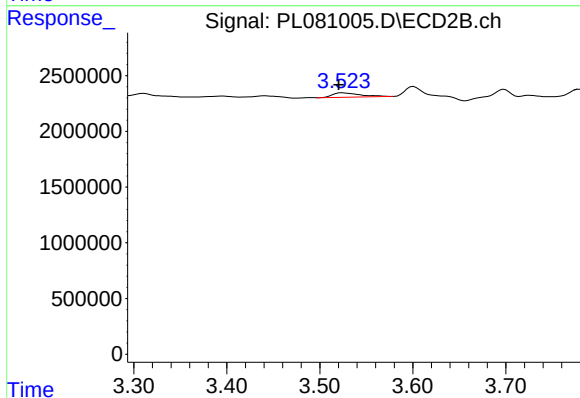
#3 gamma-BHC (Lindane)

R.T.: 4.103 min
Delta R.T.: -0.026 min
Response: 493903
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-C

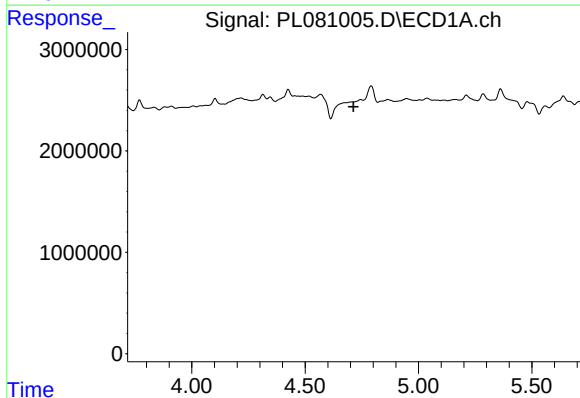
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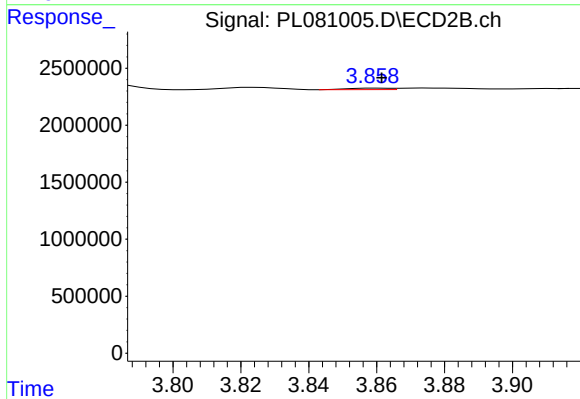
#3 gamma-BHC (Lindane)

R.T.: 3.524 min
Delta R.T.: 0.004 min
Response: 817513
Conc: 0.27 ng/ml



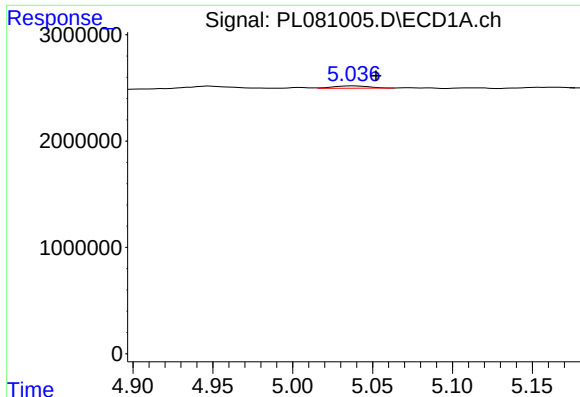
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.713 min
Response: 0
Conc: N.D.



#4 Heptachlor

R.T.: 3.860 min
Delta R.T.: -0.002 min
Response: 106468
Conc: 0.03 ng/ml



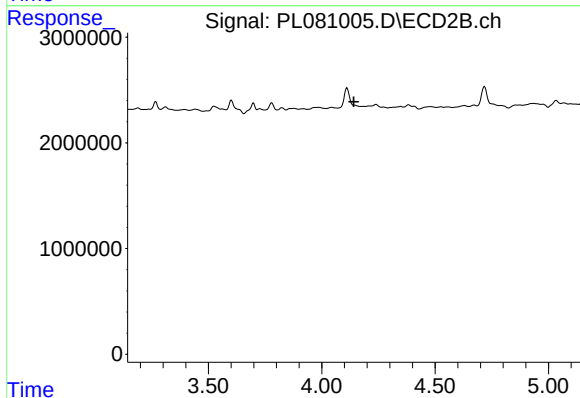
#5 Aldrin

R.T.: 5.038 min
Delta R.T.: -0.014 min
Response: 342357
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-C

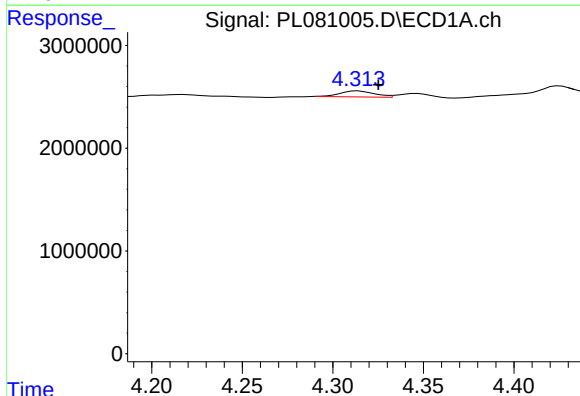
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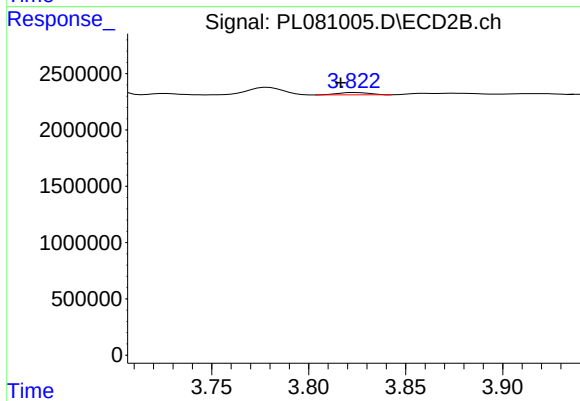
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 4.141 min
Response: 0
Conc: N.D.



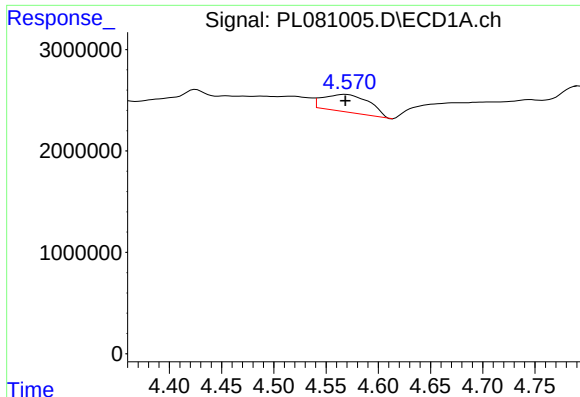
#6 beta-BHC

R.T.: 4.314 min
Delta R.T.: -0.011 min
Response: 772650
Conc: 0.57 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: 0.007 min
Response: 235061
Conc: 0.18 ng/ml



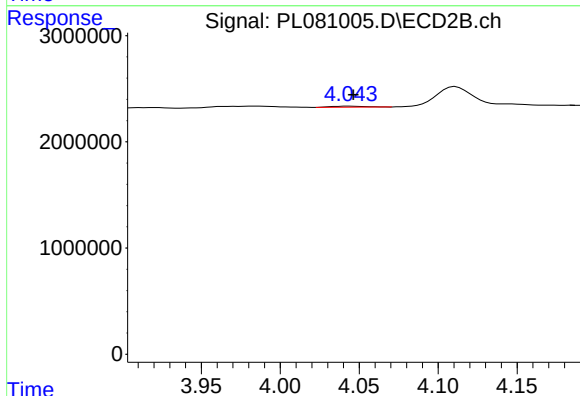
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 5339075
Conc: 1.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-C

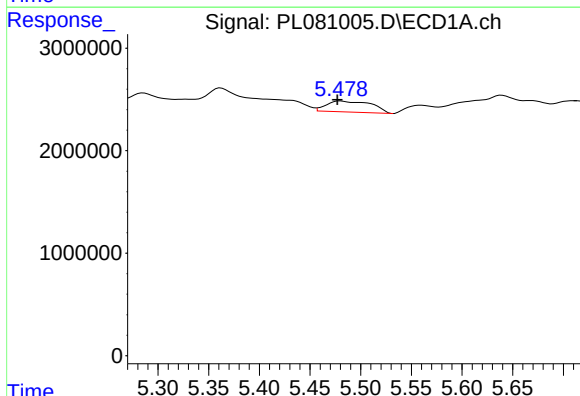
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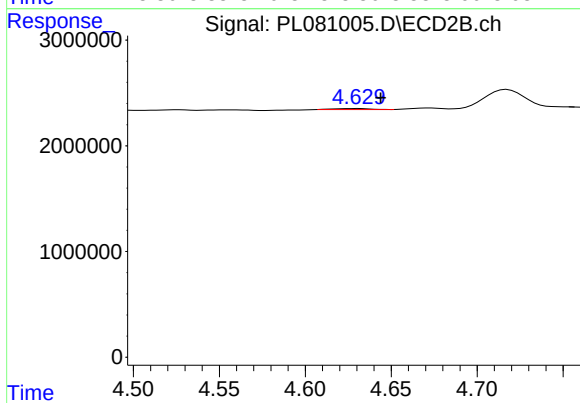
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 148692
Conc: 0.05 ng/ml



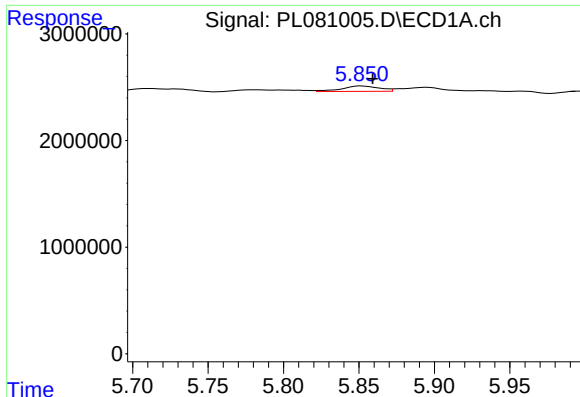
#8 Heptachlor epoxide

R.T.: 5.480 min
Delta R.T.: 0.003 min
Response: 3312609
Conc: 1.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.631 min
Delta R.T.: -0.013 min
Response: 132057
Conc: 0.05 ng/ml



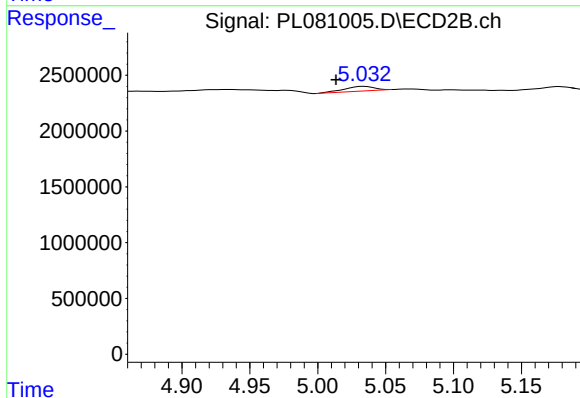
#9 Endosulfan I

R.T.: 5.852 min
Delta R.T.: -0.007 min
Response: 870763
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-C

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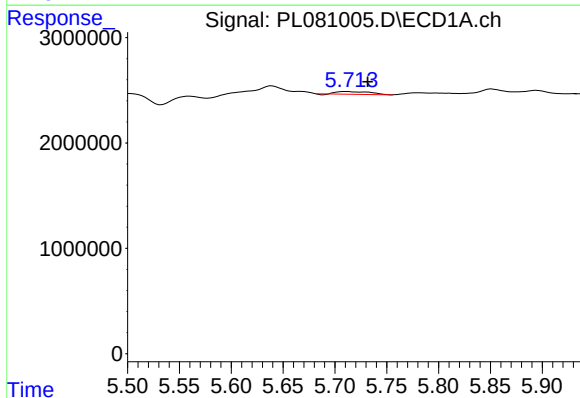


#9 Endosulfan I

R.T.: 5.034 min
Delta R.T.: 0.020 min
Response: 649882
Conc: 0.25 ng/ml

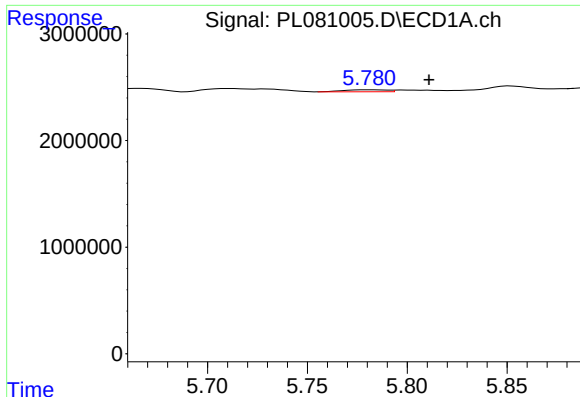
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: -0.021 min
Response: 547821
Conc: 0.22 ng/ml



#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 4.895 min
Response: 0
Conc: N.D.



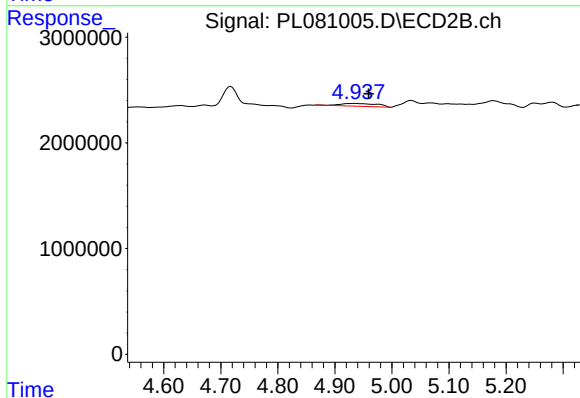
#11 alpha-Chlordane

R.T.: 5.781 min
Delta R.T.: -0.030 min
Response: 272461
Conc: 0.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-C

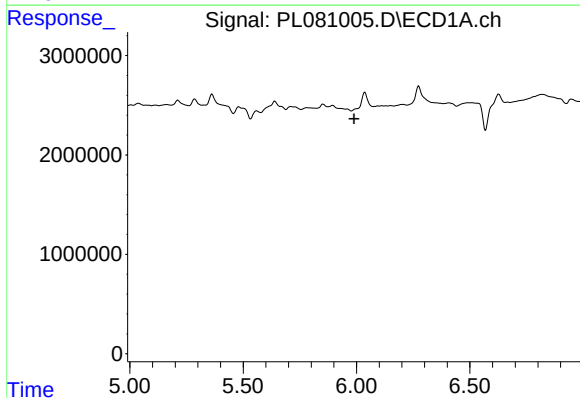
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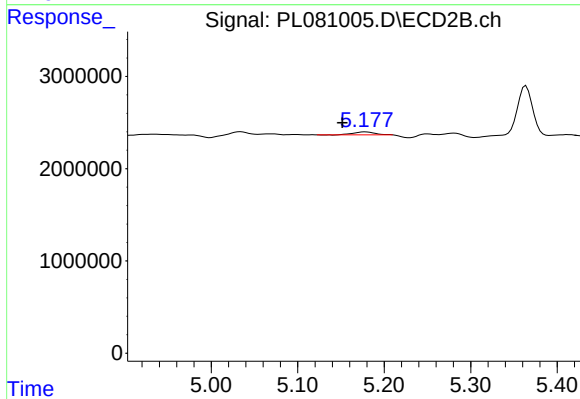
#11 alpha-Chlordane

R.T.: 4.934 min
Delta R.T.: -0.025 min
Response: 1242436
Conc: 0.43 ng/ml



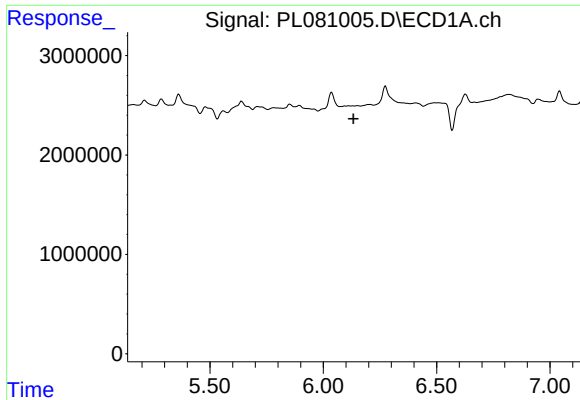
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.989 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

R.T.: 5.178 min
Delta R.T.: 0.026 min
Response: 544292
Conc: 0.23 ng/ml



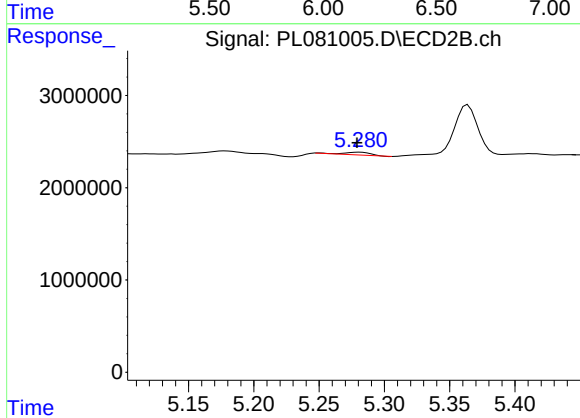
#13 Dieldrin

R.T.: 0.000 min
Exp R.T.: 6.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MH-C

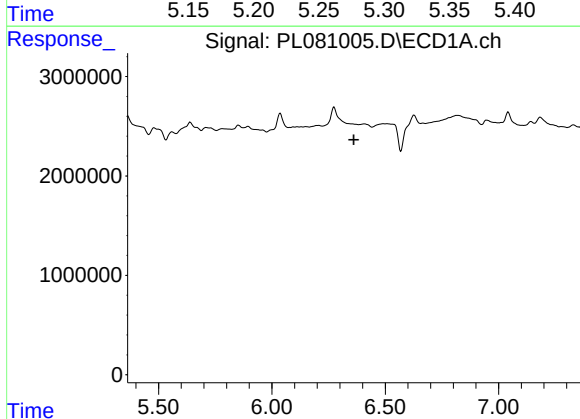
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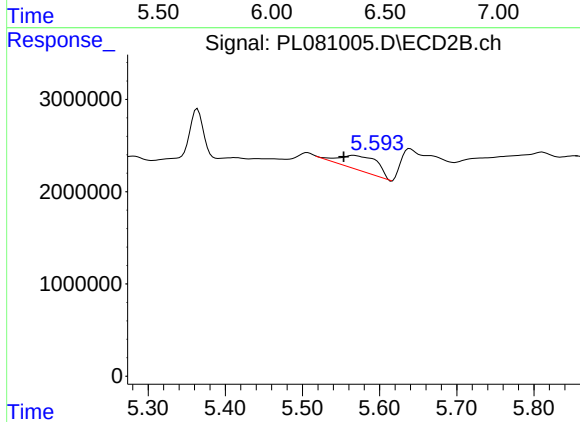
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: 0.002 min
Response: 428965
Conc: 0.16 ng/ml



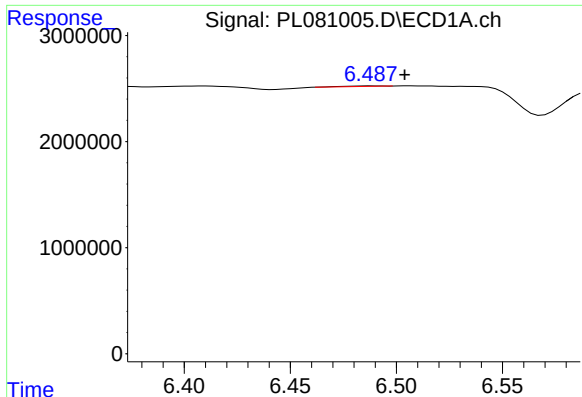
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.361 min
Response: 0
Conc: N.D.



#14 Endrin

R.T.: 5.567 min
Delta R.T.: 0.013 min
Response: 5573516
Conc: 2.40 ng/ml



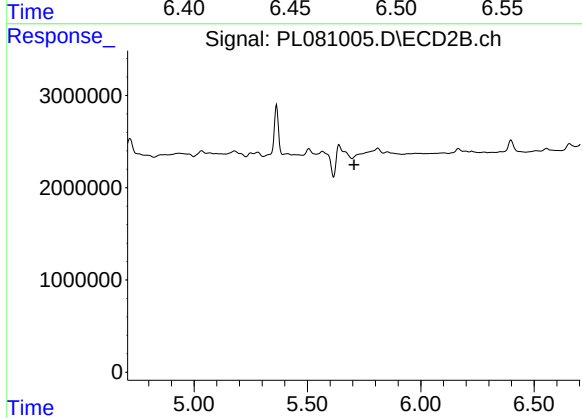
#16 4,4'-DDD

R.T.: 6.489 min
Delta R.T.: -0.014 min
Response: 69097
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-C

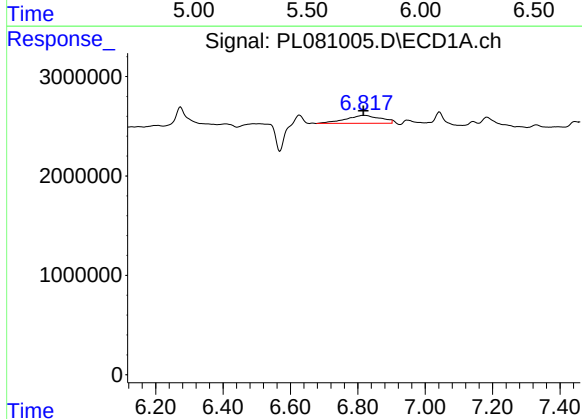
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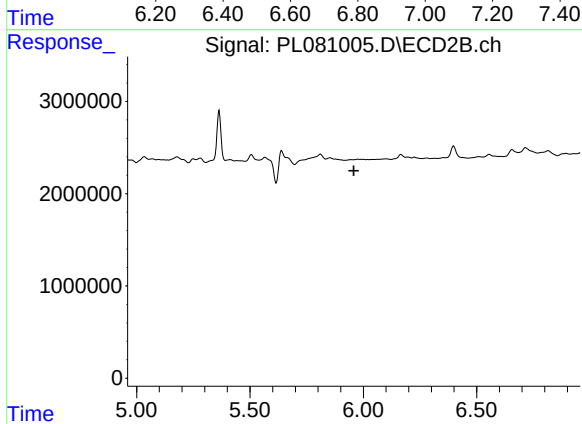
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.706 min
Response: 0
Conc: N.D.



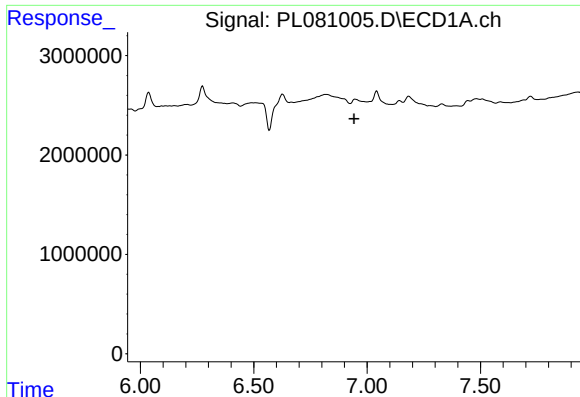
#17 4,4'-DDT

R.T.: 6.819 min
Delta R.T.: 0.003 min
Response: 5783815
Conc: 2.78 ng/ml



#17 4,4'-DDT

R.T.: 5.943 min
Delta R.T.: -0.016 min
Response: -96923
Conc: N.D.



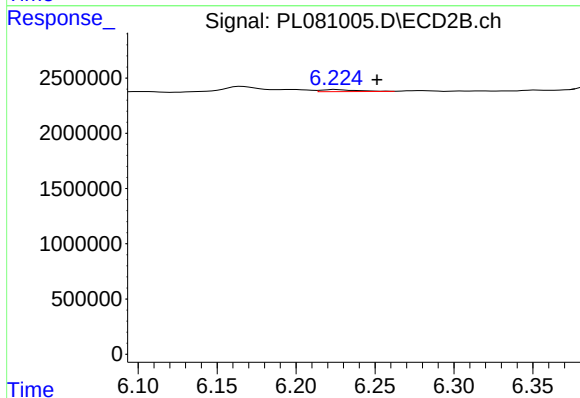
#19 Endosulfan Sulfate

R.T.: 6.946 min
Delta R.T.: 0.004 min
Response: -91573
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MH-C

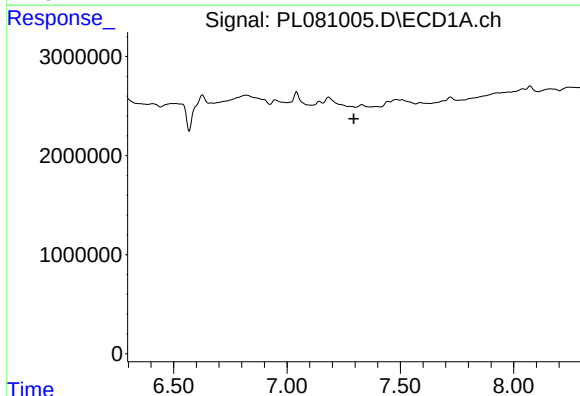
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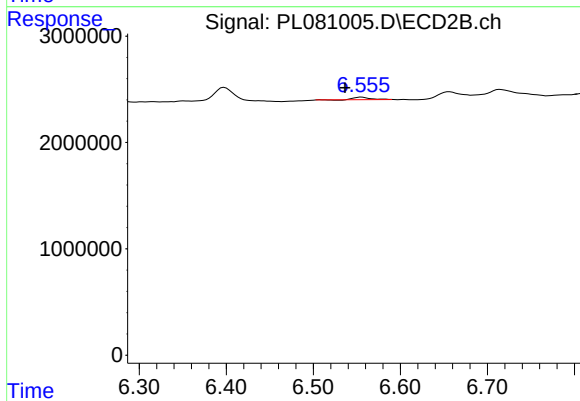
#19 Endosulfan Sulfate

R.T.: 6.225 min
Delta R.T.: -0.026 min
Response: 274735
Conc: 0.12 ng/ml



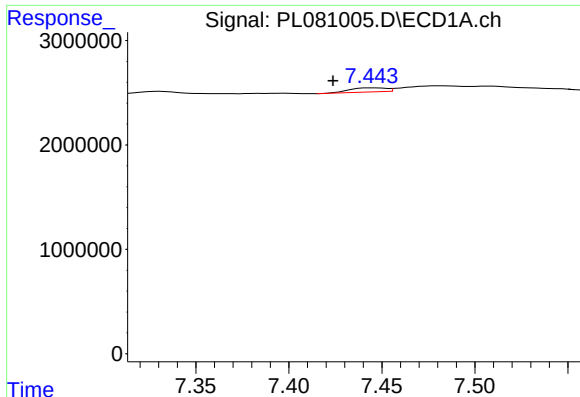
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.294 min
Response: 0
Conc: N.D.



#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: 0.019 min
Response: 282490
Conc: 0.23 ng/ml



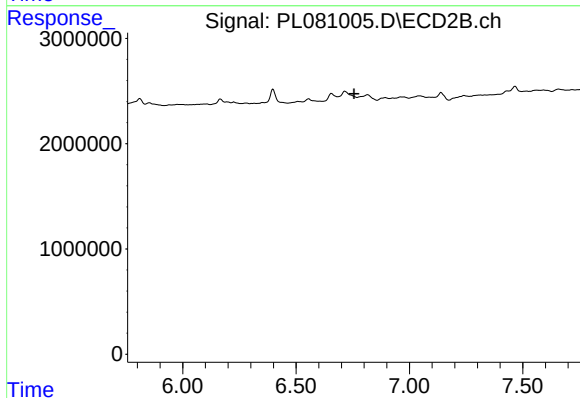
#21 Endrin ketone

R.T.: 7.445 min
Delta R.T.: 0.021 min
Response: 532229
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-C

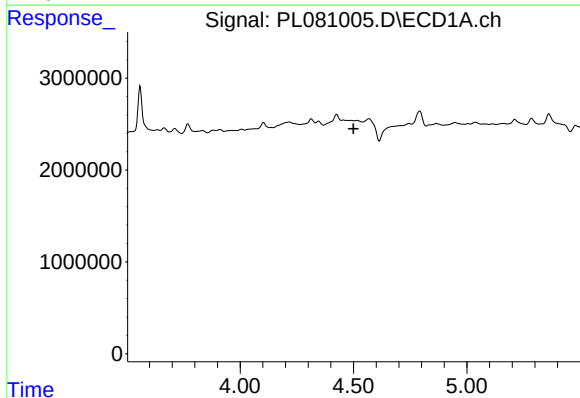
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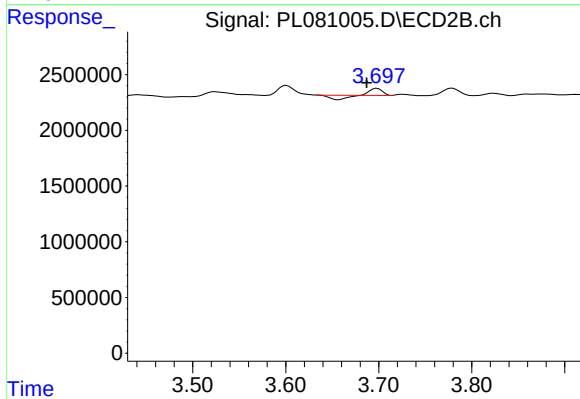
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.756 min
Response: 0
Conc: N.D.



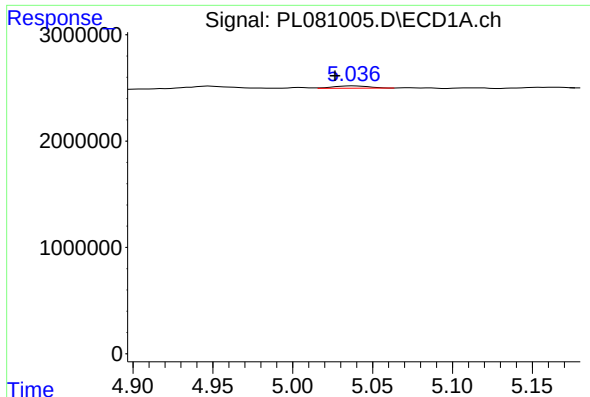
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.500 min
Response: 0
Conc: N.D.



#23 Chlordane-1

R.T.: 3.698 min
Delta R.T.: 0.011 min
Response: 144248
Conc: 1.77 ng/ml



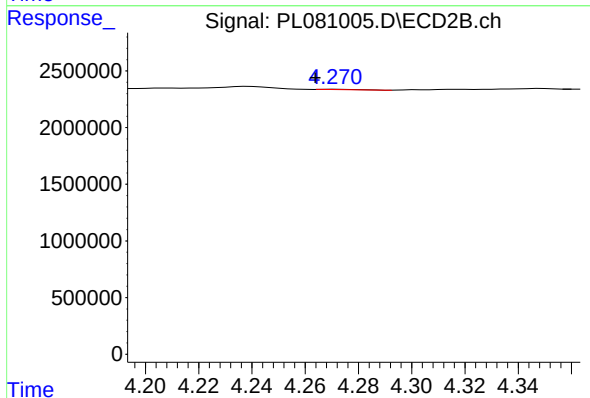
#24 Chlordane-2

R.T.: 5.038 min
Delta R.T.: 0.011 min
Response: 342357
Conc: 3.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-C

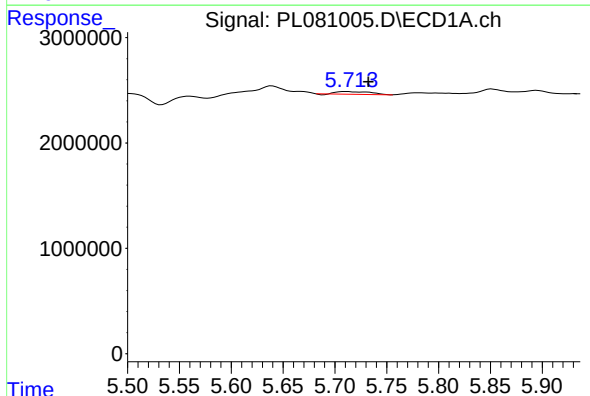
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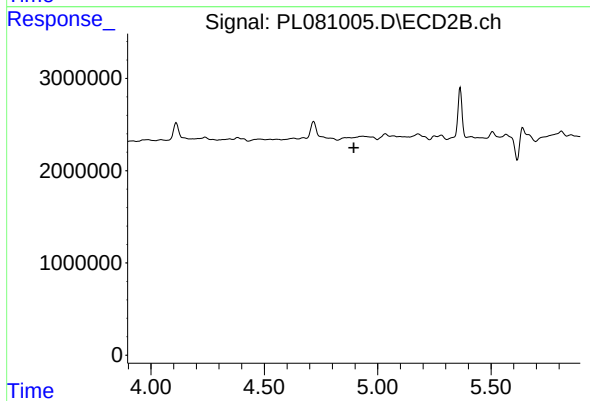
#24 Chlordane-2

R.T.: 4.272 min
Delta R.T.: 0.008 min
Response: 34023
Conc: 0.38 ng/ml



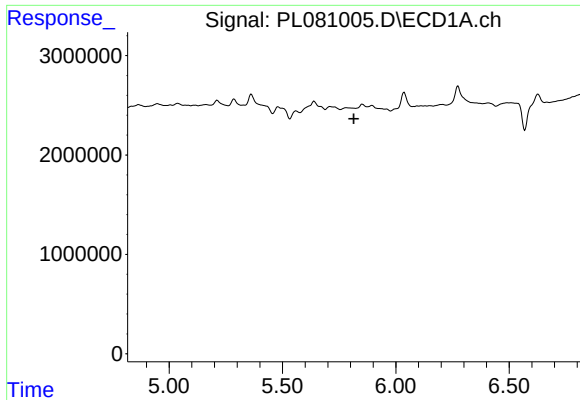
#25 Chlordane-3

R.T.: 5.711 min
Delta R.T.: -0.021 min
Response: 547821
Conc: 1.62 ng/ml



#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 4.895 min
Response: 0
Conc: N.D.



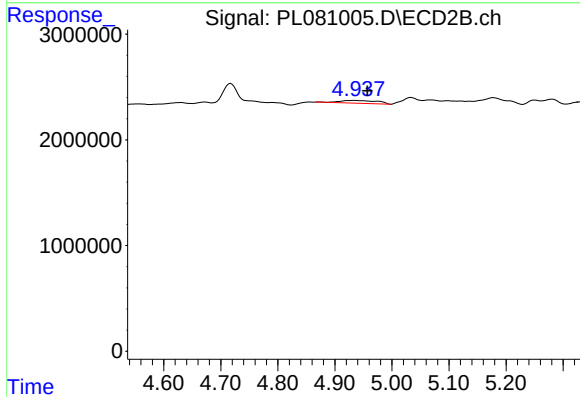
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T.: 5.815 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
MH-C

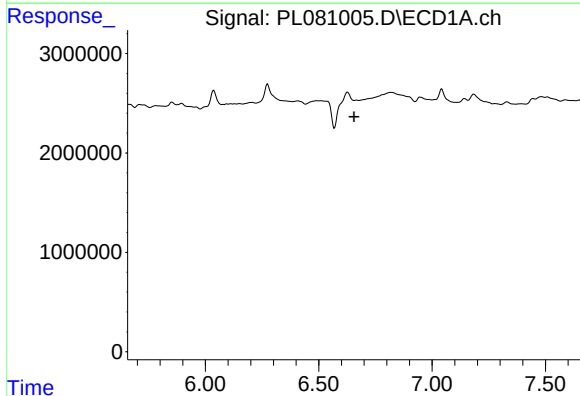
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2023
Supervised By :Ankita Jodhani 02/20/2023



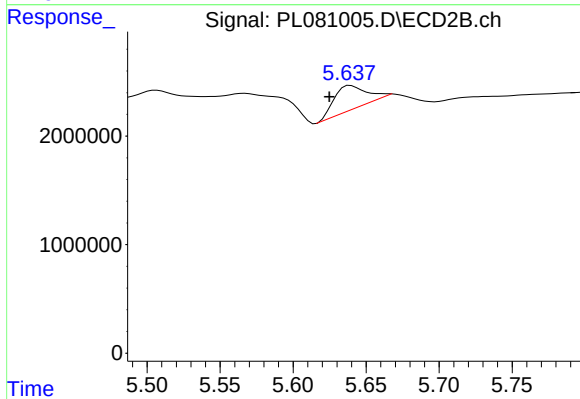
#26 Chlordane-4

R.T.: 4.934 min
Delta R.T.: -0.024 min
Response: 1242436
Conc: 4.61 ng/ml



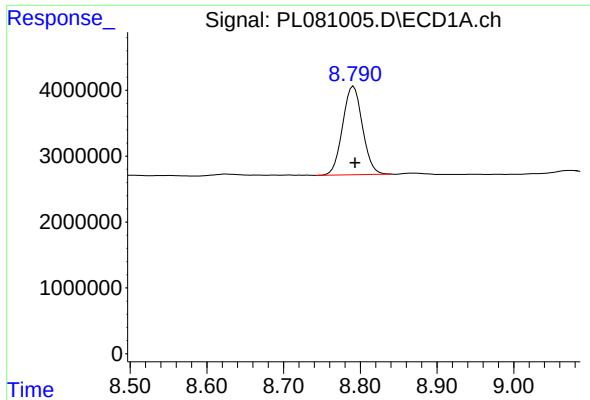
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.656 min
Response: 0
Conc: N.D.



#27 Chlordane-5

R.T.: 5.640 min
Delta R.T.: 0.015 min
Response: 3313679
Conc: 46.57 ng/ml



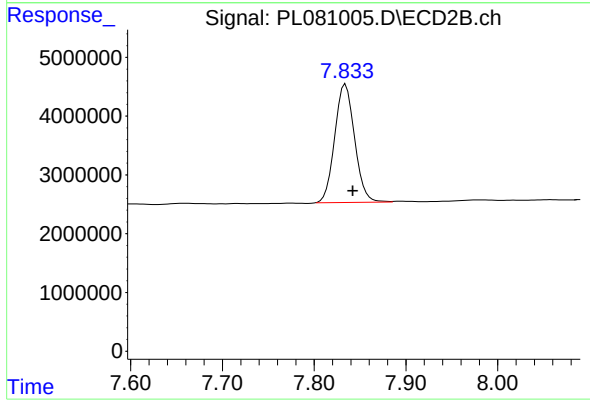
#28 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 24206611
Conc: 13.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-C

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2023
Supervised By :Ankita Jodhani 02/20/2023



#28 Decachlorobiphenyl

R.T.: 7.834 min
Delta R.T.: -0.008 min
Response: 30335650
Conc: 12.73 ng/ml