

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100923\
 Data File : PL085800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2023 21:53
 Operator : AR\AJ
 Sample : 04699-01
 Misc : PEST LOD 25PPB
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/10/2023
 Supervised By : Ankita Jodhani 10/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:27:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.358	2.622	52667945	16187698	17.709	17.329
28)	SA Decachlor...	8.861	7.777	48908295	19566699	22.455	21.199
Target Compounds							
2)	A alpha-BHC	3.812	3.121	8613143	2325378	2.007	1.848
3)	MA gamma-BHC...	4.143	3.447	8630888	2315497	2.088	1.877m
4)	MA Heptachlor	4.730	3.783	9527021	2567666	2.463m	2.208m
5)	MB Aldrin	5.070	4.062	8678942	2332504	2.239	2.086
6)	B beta-BHC	4.346	3.750	4504619	1353102	2.724	2.599
7)	B delta-BHC	4.588	3.975	8394264	2148415	2.189m	1.870
8)	B Heptachlo...	5.499	4.567	9387197	2301561	2.721m	2.291
9)	A Endosulfan I	5.883	4.933	8034245	2319607	2.484m	2.162m
10)	B gamma-Chl...	5.756	4.817	8570932	2571942	2.505m	2.597m
11)	B alpha-Chl...	5.836	4.881	8766780	2302000	2.565m	2.111m
12)	B 4,4'-DDE	6.019	5.082	7300674	1772632	2.611m	2.159
13)	MA Dieldrin	6.161	5.200	7934937	2041851	2.415	2.105
14)	MA Endrin	6.390	5.474	7045953	1889143	2.472	2.101
15)	B Endosulfa...	6.613	5.771	8236607	2157406	2.989	2.269
16)	A 4,4'-DDD	6.540	5.638	5773787	1726215	2.866	2.480
17)	MA 4,4'-DDT	6.854	5.888	6239760	1672146	2.647m	2.115
18)	B Endrin al...	6.744	5.954	5571353	2359423	2.749	3.164
19)	B Endosulfa...	6.980	6.178	7204501	2253128	2.871	2.498
20)	A Methoxychlor	7.340	6.473	5020150	1170676	3.595m	2.225 #
21)	B Endrin ke...	7.461	6.680	6700115	3126558	2.326	2.720
22)	Mirex	7.935	6.857	5868800	2644930	2.651	2.804

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100923\
Data File : PL085800.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2023 21:53
Operator : AR\AJ
Sample : 04699-01
Misc : PEST LOD 25PPB
ALS Vial : 30 Sample Multiplier: 1

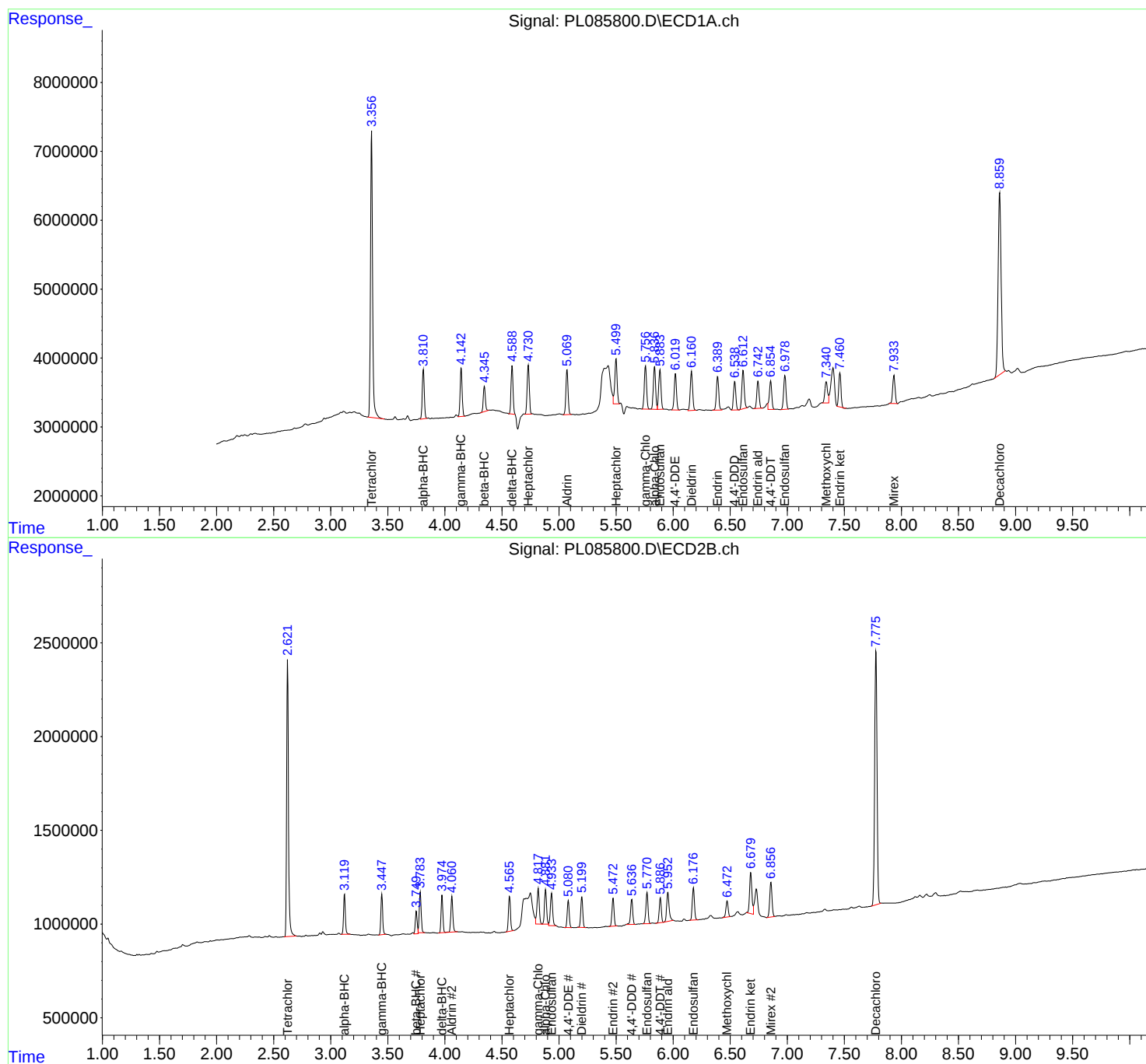
Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

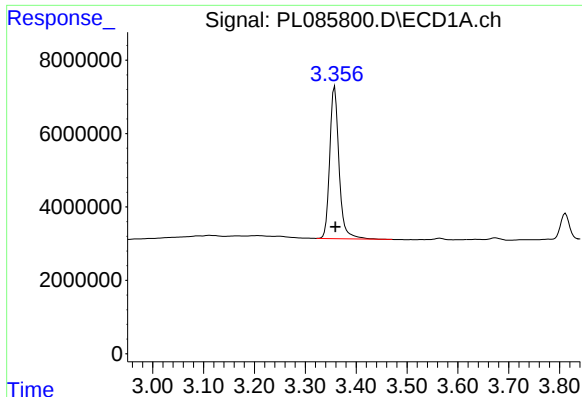
Manual Integrations
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Reviewed By :Abdul Mirza 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:27:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 2023
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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





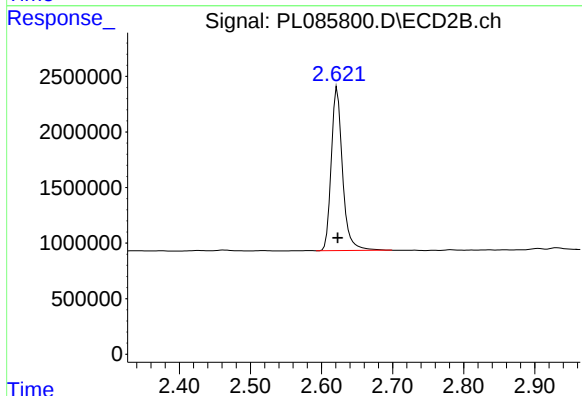
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.001 min
Response: 52667945
Conc: 17.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

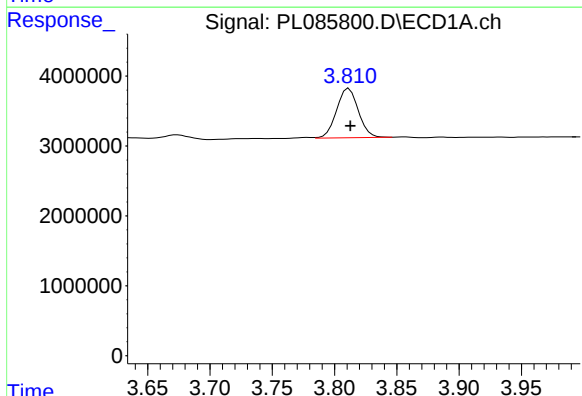
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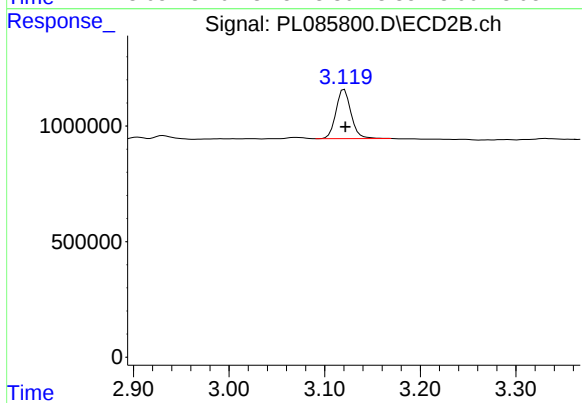
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 16187698
Conc: 17.33 ng/ml



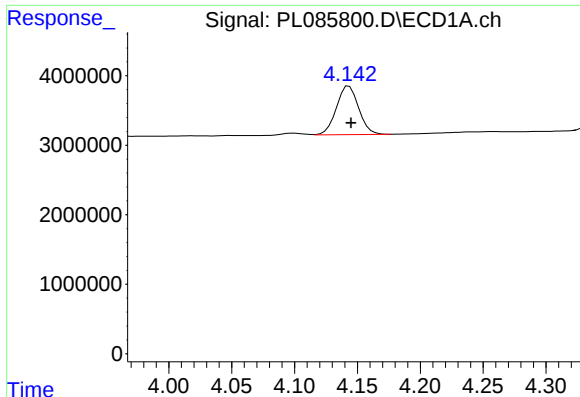
#2 alpha-BHC

R.T.: 3.812 min
Delta R.T.: -0.001 min
Response: 8613143
Conc: 2.01 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: -0.001 min
Response: 2325378
Conc: 1.85 ng/ml



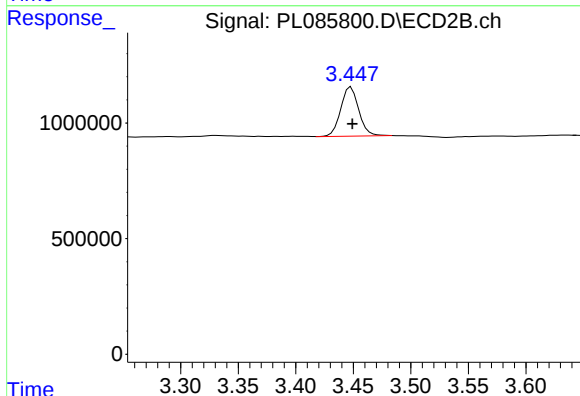
#3 gamma-BHC (Lindane)

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 8630888
Conc: 2.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

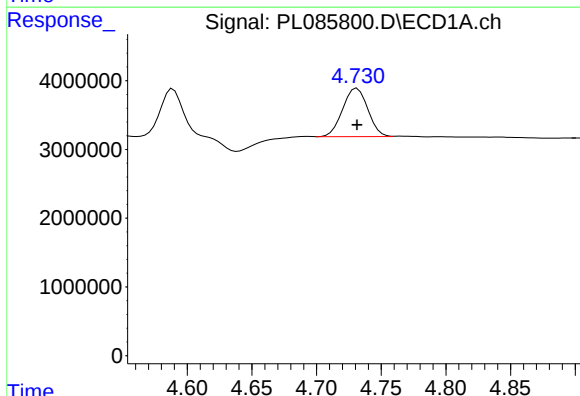
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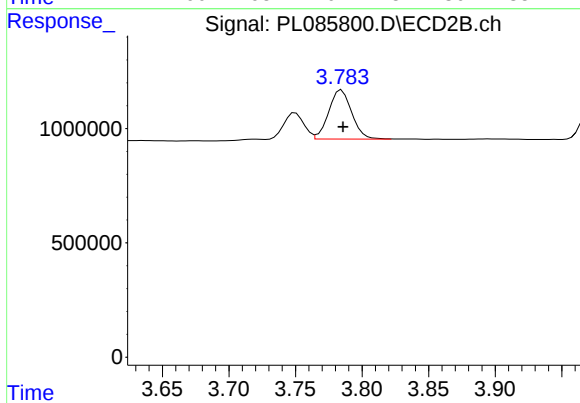
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 2315497
Conc: 1.88 ng/ml m



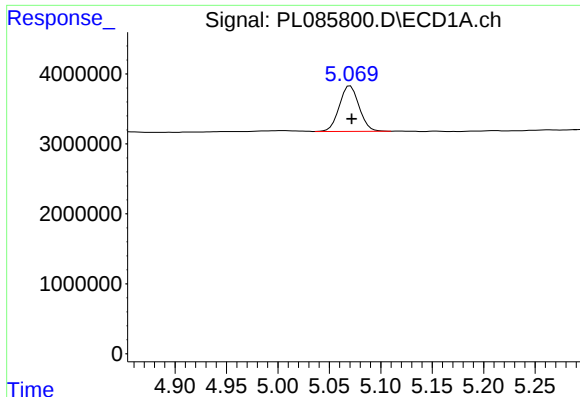
#4 Heptachlor

R.T.: 4.730 min
Delta R.T.: -0.002 min
Response: 9527021
Conc: 2.46 ng/ml m



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.002 min
Response: 2567666
Conc: 2.21 ng/ml m



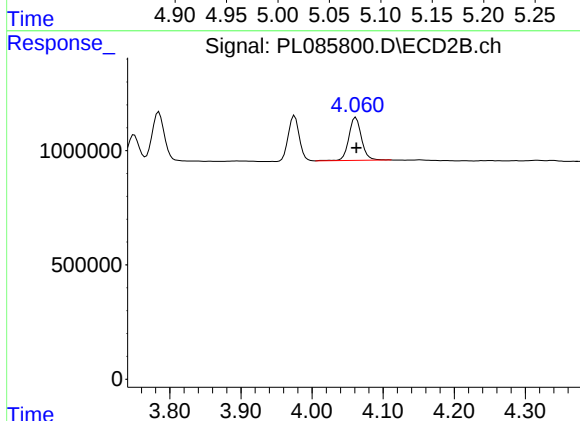
#5 Aldrin

R.T.: 5.070 min
Delta R.T.: -0.001 min
Response: 8678942
Conc: 2.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

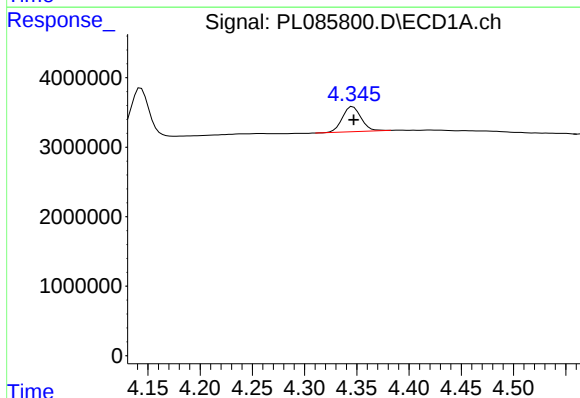
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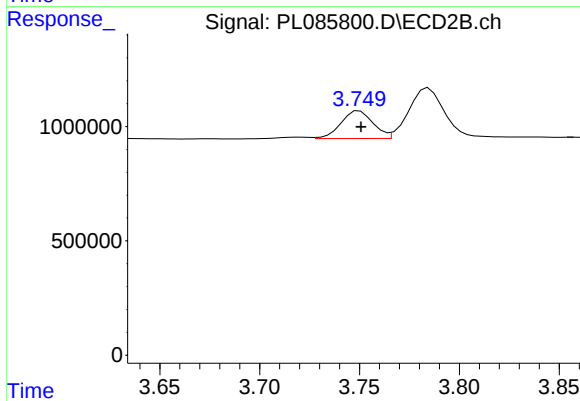
#5 Aldrin

R.T.: 4.062 min
Delta R.T.: 0.000 min
Response: 2332504
Conc: 2.09 ng/ml



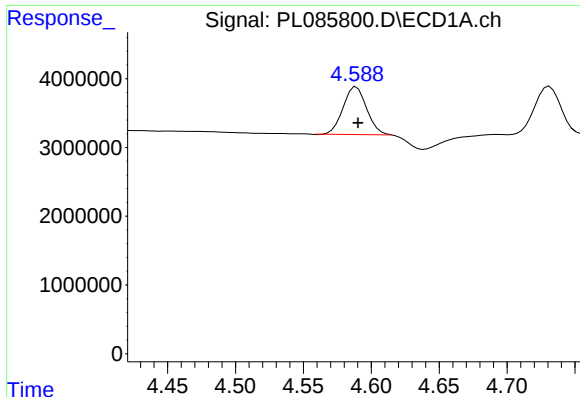
#6 beta-BHC

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 4504619
Conc: 2.72 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 1353102
Conc: 2.60 ng/ml



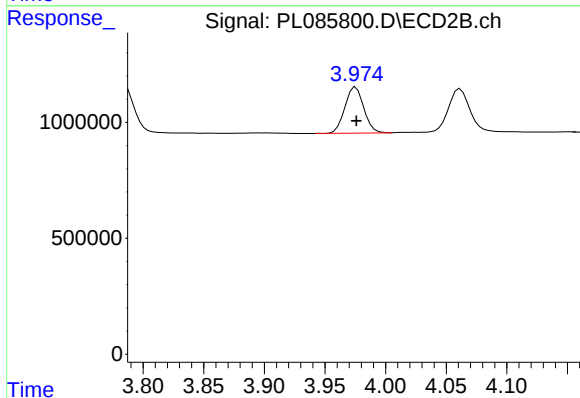
#7 delta-BHC

R.T.: 4.588 min
Delta R.T.: -0.003 min
Response: 8394264
Conc: 2.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

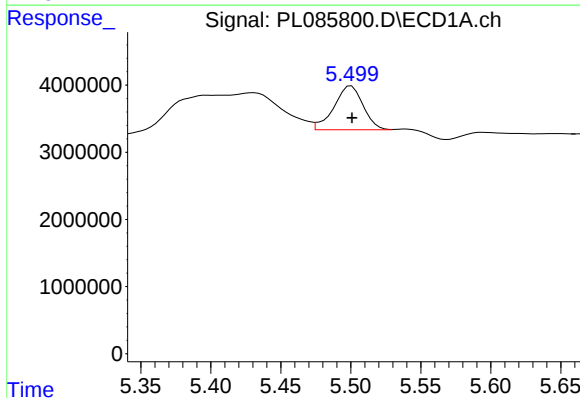
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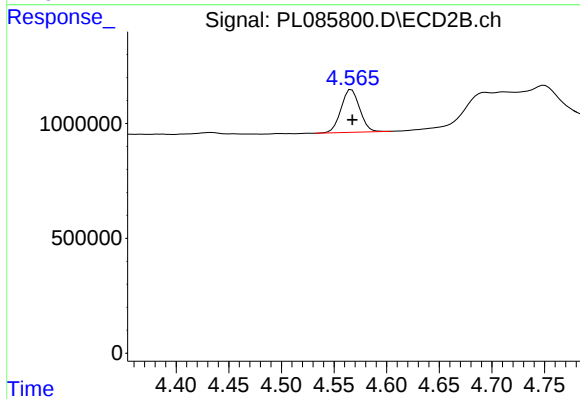
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 2148415
Conc: 1.87 ng/ml



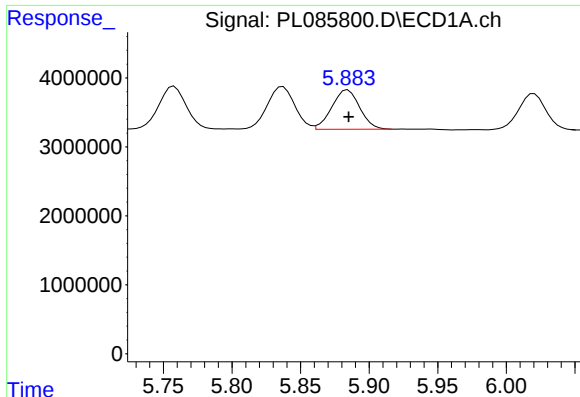
#8 Heptachlor epoxide

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 9387197
Conc: 2.72 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 2301561
Conc: 2.29 ng/ml



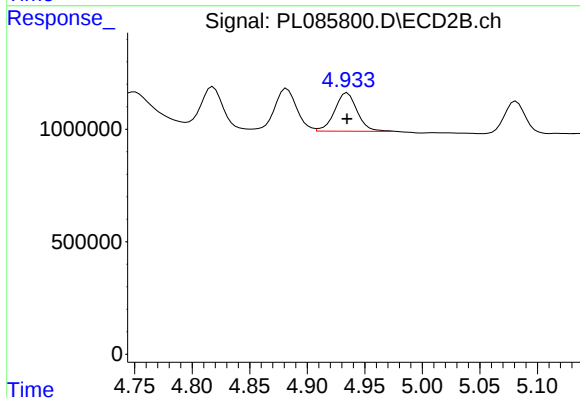
#9 Endosulfan I

R.T.: 5.883 min
Delta R.T.: -0.002 min
Response: 8034245
Conc: 2.48 ng/ml

Instrument :
ECD_L
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LOD-MDL-SOIL-01-QT4-2023

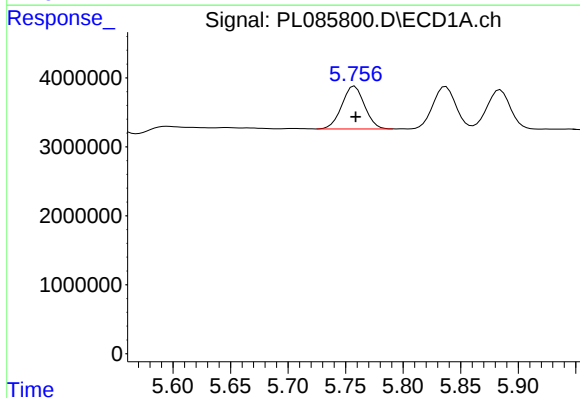
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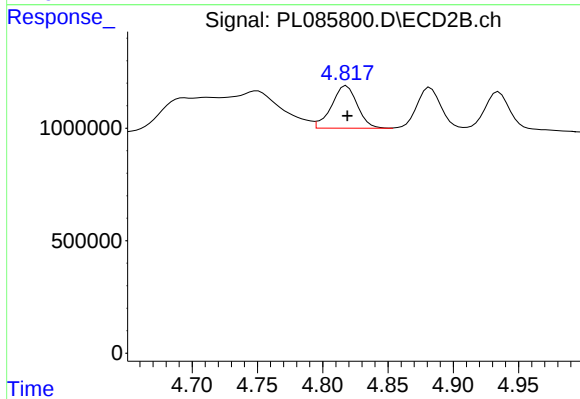
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.001 min
Response: 2319607
Conc: 2.16 ng/ml m



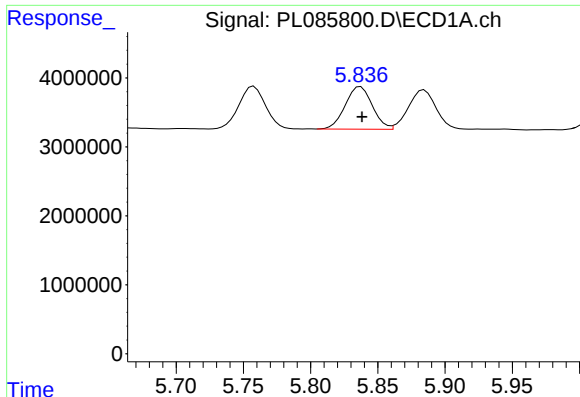
#10 gamma-Chlordane

R.T.: 5.756 min
Delta R.T.: -0.002 min
Response: 8570932
Conc: 2.51 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 2571942
Conc: 2.60 ng/ml m



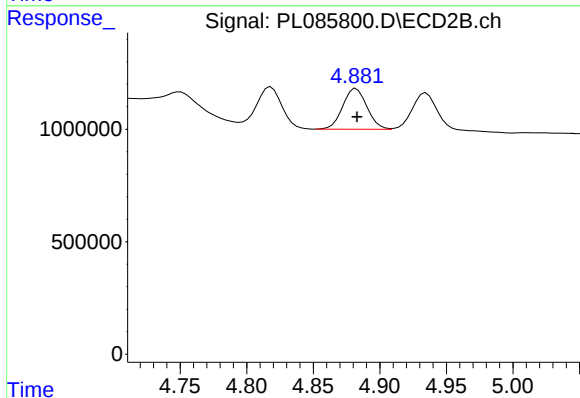
#11 alpha-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.003 min
Response: 8766780
Conc: 2.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

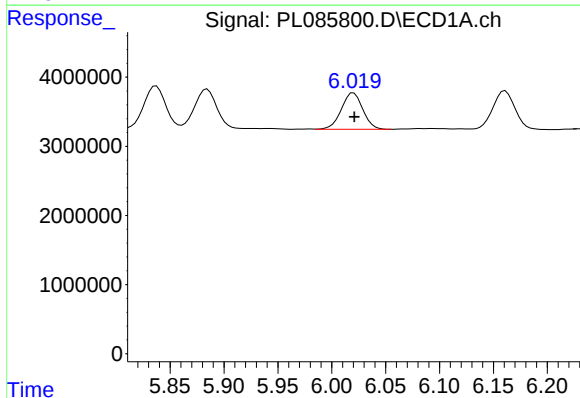
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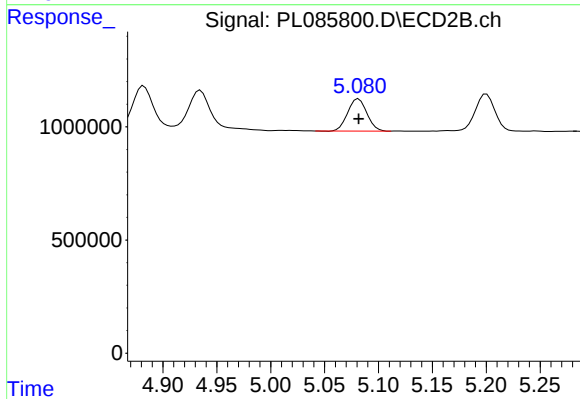
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 2302000
Conc: 2.11 ng/ml m



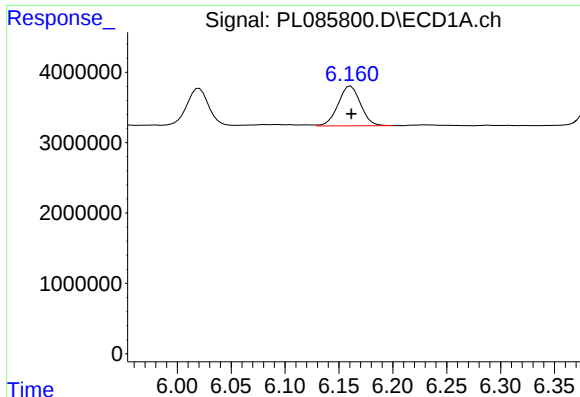
#12 4,4'-DDE

R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 7300674
Conc: 2.61 ng/ml m



#12 4,4'-DDE

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 1772632
Conc: 2.16 ng/ml



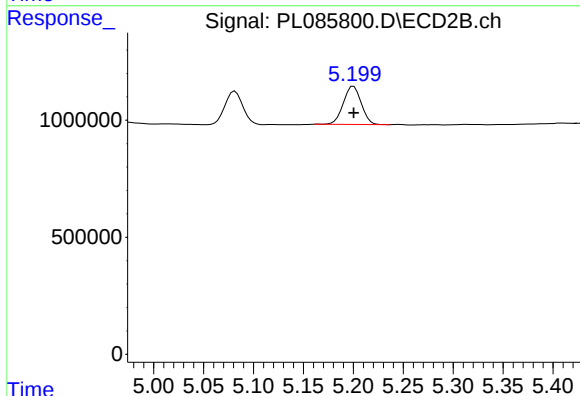
#13 Dieldrin

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 7934937
Conc: 2.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
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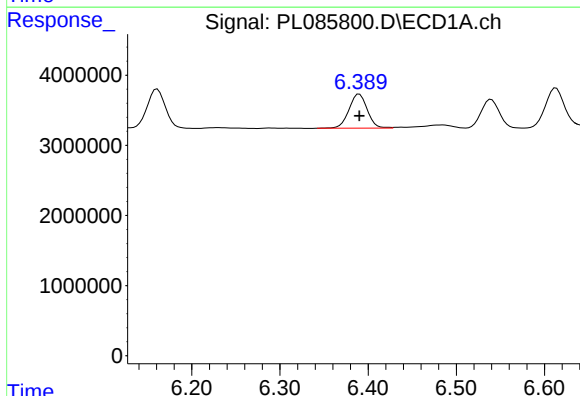
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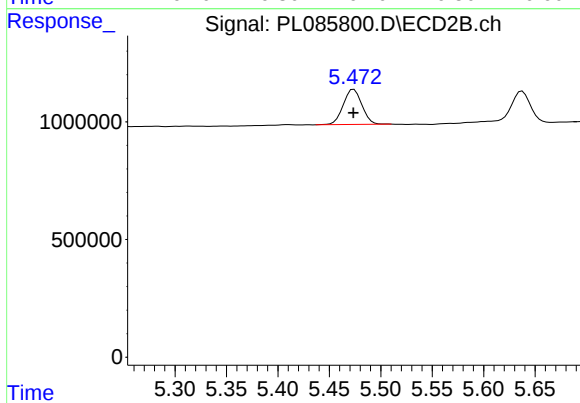
#13 Dieldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 2041851
Conc: 2.10 ng/ml



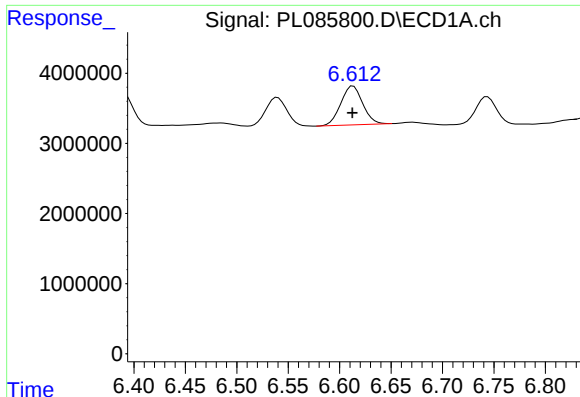
#14 Endrin

R.T.: 6.390 min
Delta R.T.: 0.000 min
Response: 7045953
Conc: 2.47 ng/ml



#14 Endrin

R.T.: 5.474 min
Delta R.T.: 0.000 min
Response: 1889143
Conc: 2.10 ng/ml



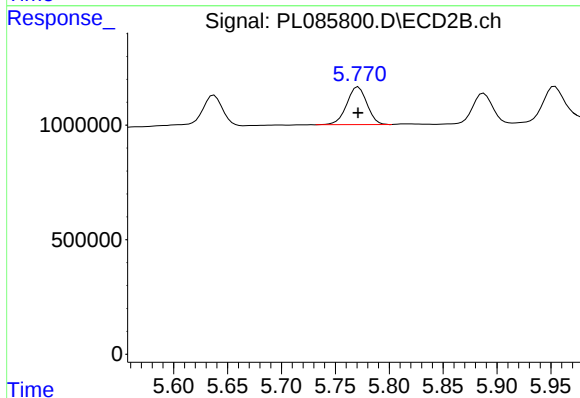
#15 Endosulfan II

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 8236607
Conc: 2.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
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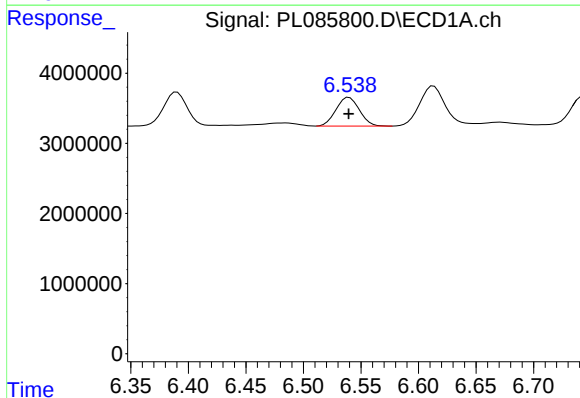
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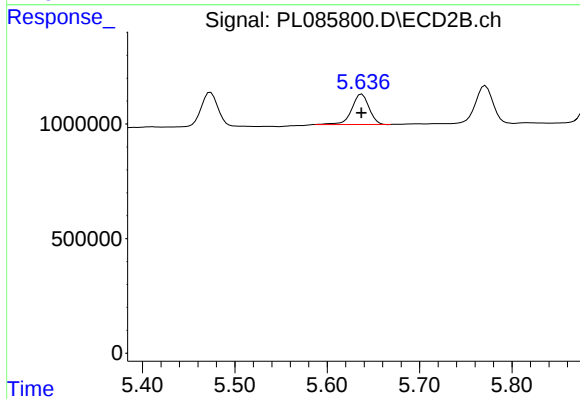
#15 Endosulfan II

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 2157406
Conc: 2.27 ng/ml



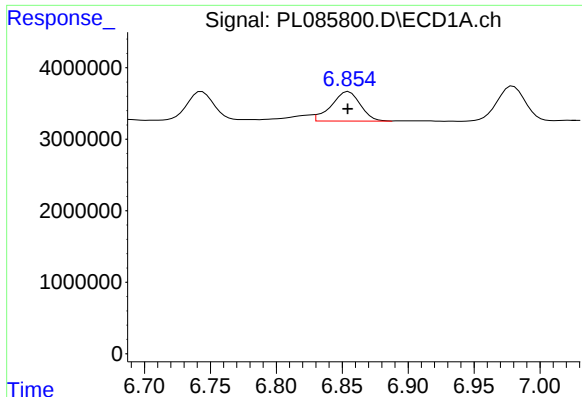
#16 4,4'-DDD

R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 5773787
Conc: 2.87 ng/ml



#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 1726215
Conc: 2.48 ng/ml



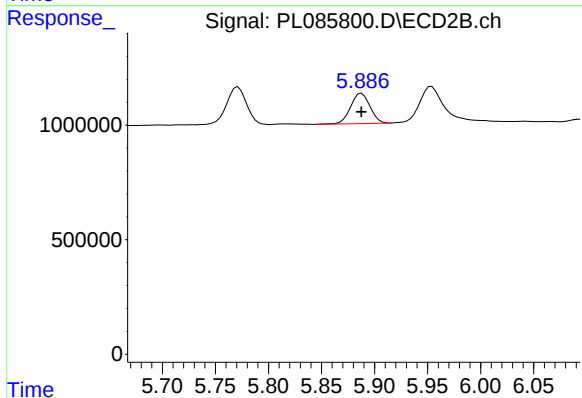
#17 4,4'-DDT

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 6239760
Conc: 2.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

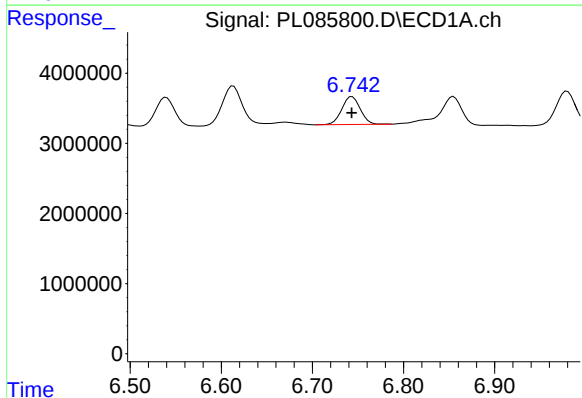
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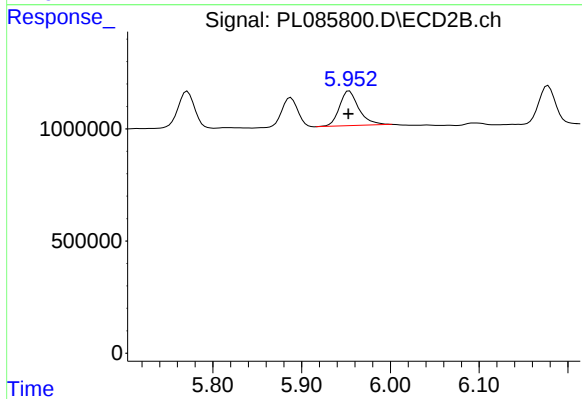
#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 1672146
Conc: 2.11 ng/ml



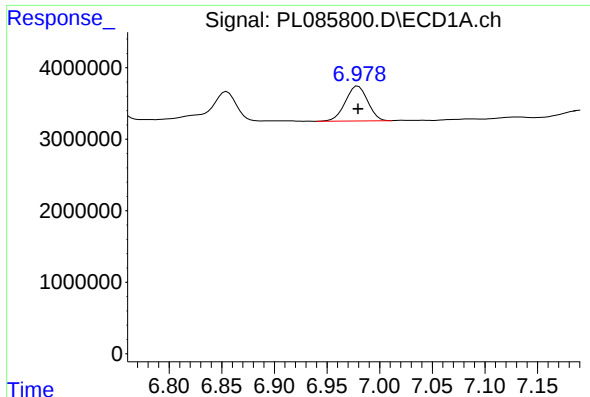
#18 Endrin aldehyde

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 5571353
Conc: 2.75 ng/ml



#18 Endrin aldehyde

R.T.: 5.954 min
Delta R.T.: 0.001 min
Response: 2359423
Conc: 3.16 ng/ml



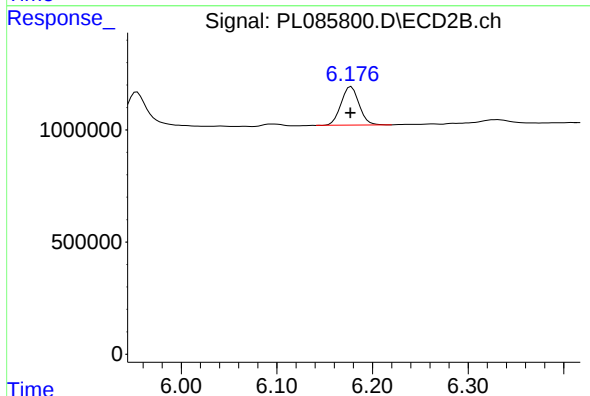
#19 Endosulfan Sulfate

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 7204501
Conc: 2.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

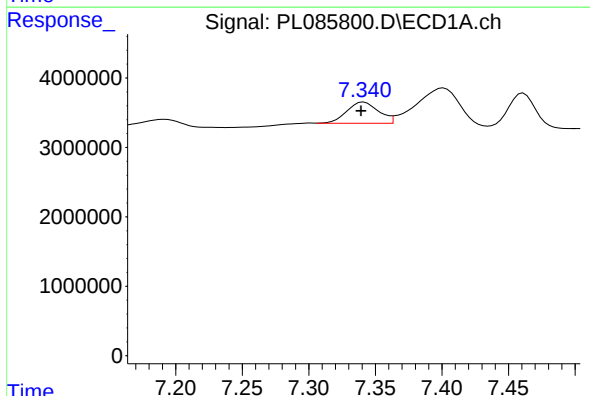
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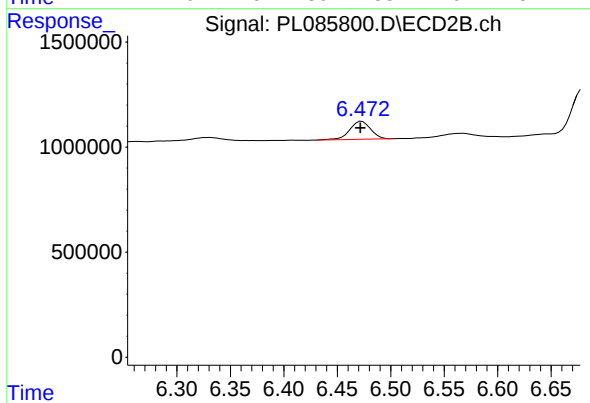
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 2253128
Conc: 2.50 ng/ml



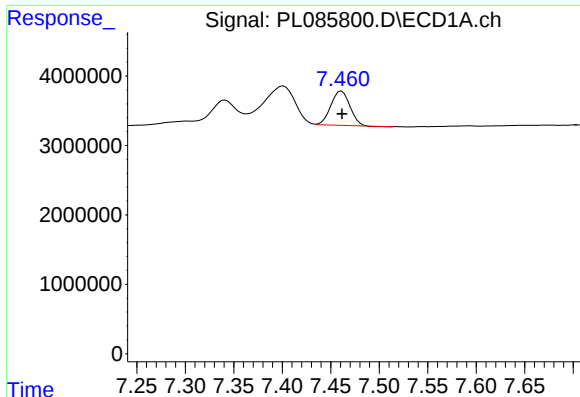
#20 Methoxychlor

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 5020150
Conc: 3.59 ng/ml m



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: 0.001 min
Response: 1170676
Conc: 2.23 ng/ml



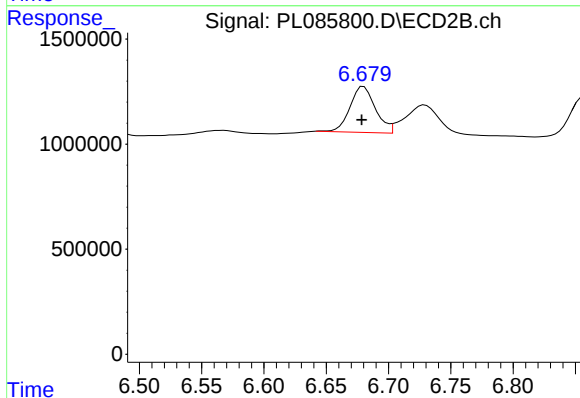
#21 Endrin ketone

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 6700115
Conc: 2.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2023

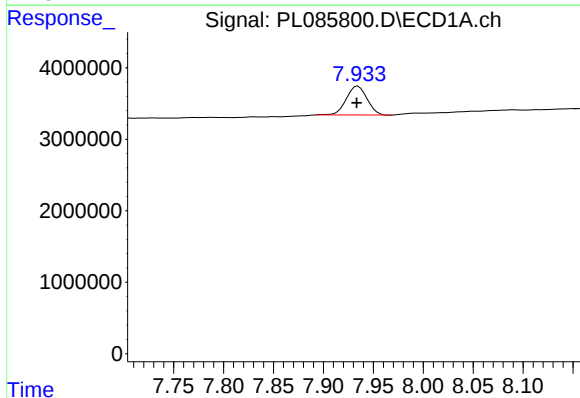
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/10/2023
Supervised By :Ankita Jodhani 10/10/2023



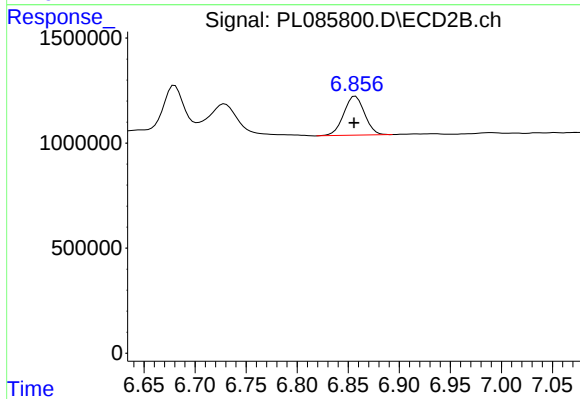
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 3126558
Conc: 2.72 ng/ml



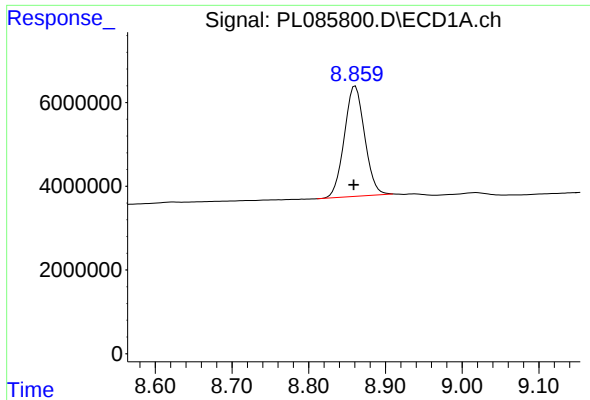
#22 Mirex

R.T.: 7.935 min
Delta R.T.: 0.001 min
Response: 5868800
Conc: 2.65 ng/ml



#22 Mirex

R.T.: 6.857 min
Delta R.T.: 0.001 min
Response: 2644930
Conc: 2.80 ng/ml



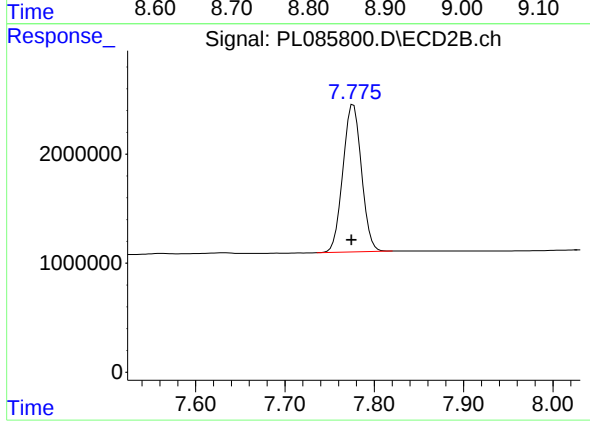
#28 Decachlorobiphenyl

R.T.: 8.861 min
Delta R.T.: 0.002 min
Response: 48908295
Conc: 22.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.777 min
Delta R.T.: 0.002 min
Response: 19566699
Conc: 21.20 ng/ml