

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060223\
 Data File : PL083181.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2023 14:08
 Operator : AR\AJ
 Sample : 02213-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2023
 Supervised By : Ankita Jodhani 06/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 05:25:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.316	2.634	57490375	50139279	19.561	19.313
28)	SA Decachlor...	8.736	7.740	48057060	54890720	22.913	22.075
Target Compounds							
2)	A alpha-BHC	3.765	3.130	7819124	6576809	1.761	1.763
3)	MA gamma-BHC...	4.093	3.457	7450388	6996622	1.798	2.099
4)	MA Heptachlor	4.671	3.788	7908344	7088548	2.069	1.936
5)	MB Aldrin	5.008	4.064	7151607	6188506	2.033	1.902
6)	B beta-BHC	4.298	3.759	4477409	2893898	2.378	2.024
7)	B delta-BHC	4.538	3.983	10096246	5527254	2.936	1.687 #
8)	B Heptachlo...	5.434	4.566	8053260	6190117	2.518	2.086
9)	A Endosulfan I	5.814	4.933	6041334	5728385	2.013m	2.050
10)	B gamma-Chl...	5.689	4.814	6760774	6451224	2.128m	2.148
11)	B alpha-Chl...	5.765	4.877	6903579	6282530	2.151m	2.093
12)	B 4,4'-DDE	5.946	5.068	5702829	4460325	2.069	1.836
13)	MA Dieldrin	6.090	5.197	6635653	5604860	2.206	1.985
14)	MA Endrin	6.318	5.471	5902738	5361615	2.197	2.113
15)	B Endosulfa...	6.537	5.768	14146107	6844282	1.185	2.766 #
16)	A 4,4'-DDD	6.463	5.622	4241652	3530344	1.952	1.836
17)	MA 4,4'-DDT	6.773	5.870	6403595	4072537	2.558	1.825 #
18)	B Endrin al...	6.670	5.948	4991923	5525421	2.483	2.794
19)	B Endosulfa...	6.905	6.171	5871105	5208987	2.290	2.127
20)	A Methoxychlor	7.255	6.450	3230287	2827222	2.443	2.223
21)	B Endrin ke...	7.384	6.675	5698176	5504841	2.234	2.036
22)	Mirex	7.849	6.846	5112180	5244546	2.439	2.241

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

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 Data File : PL083181.D
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 Sample : 02213-01
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 ALS Vial : 11 Sample Multiplier: 1

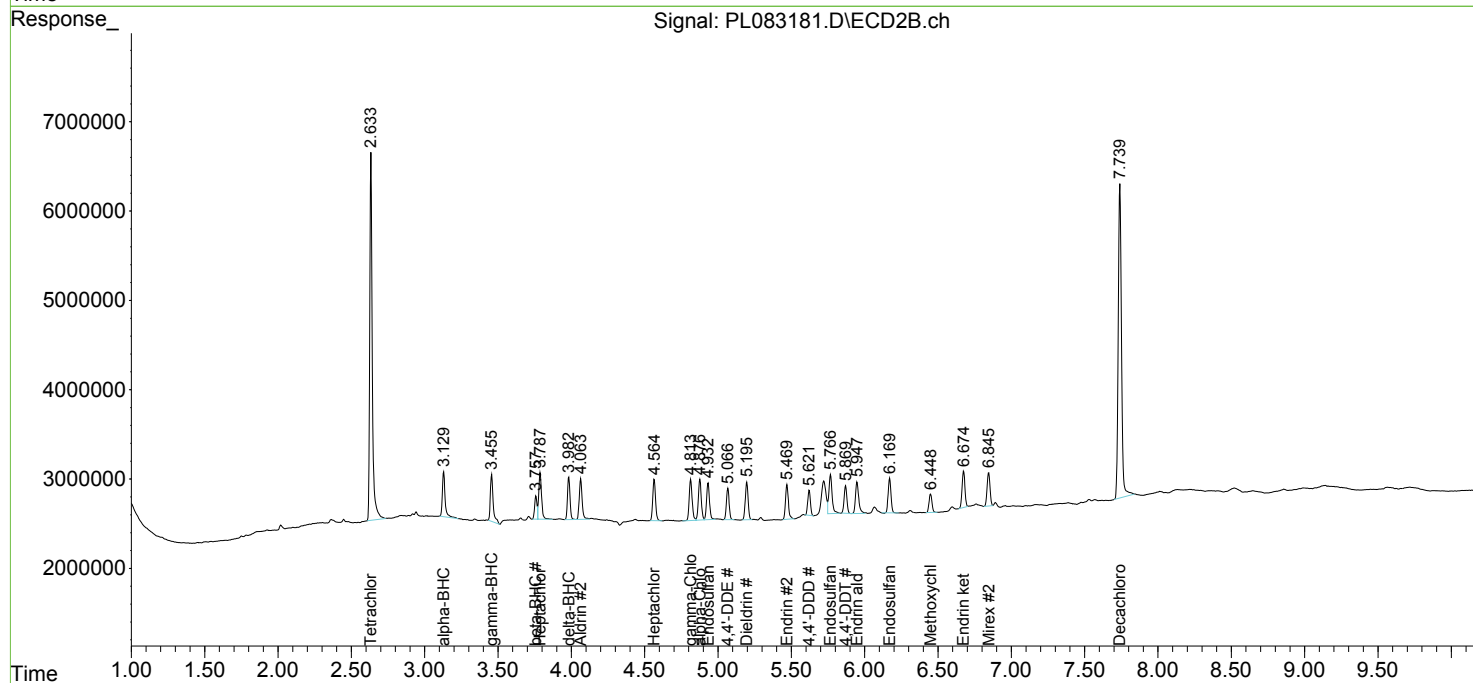
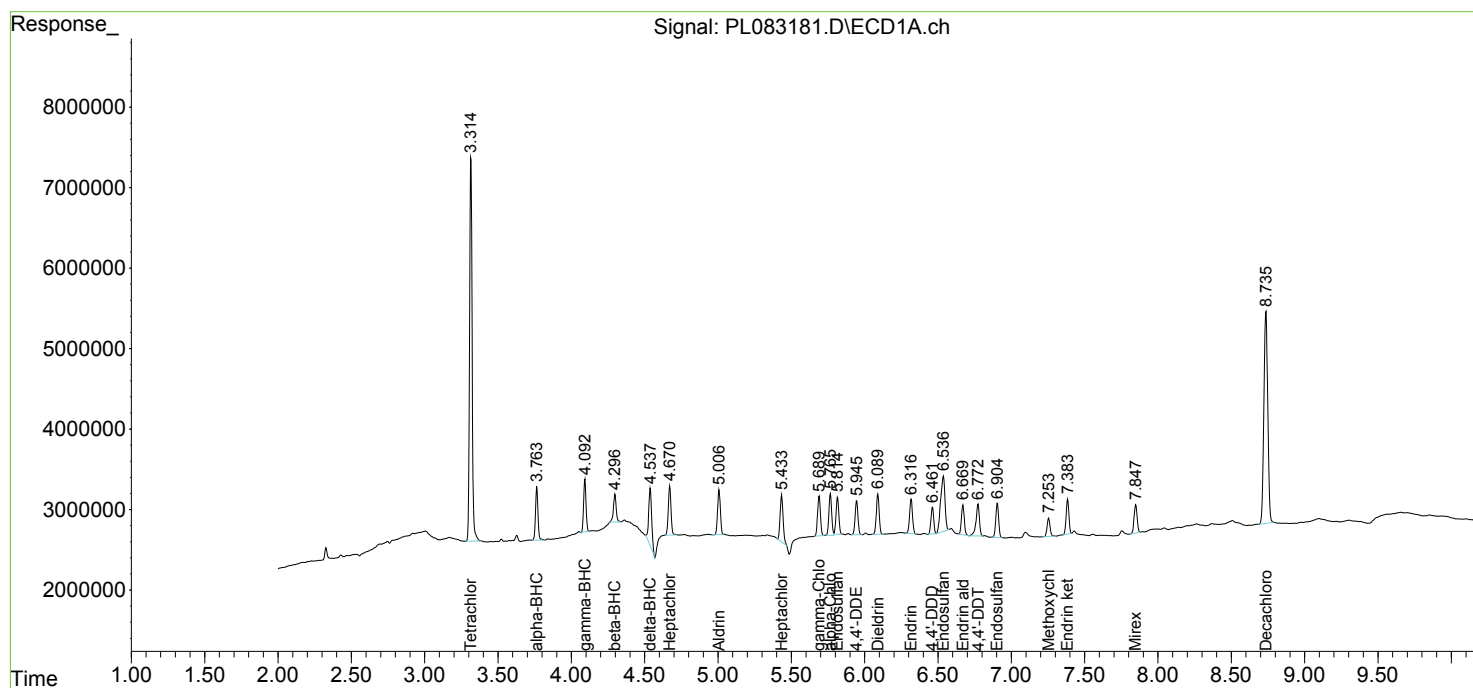
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

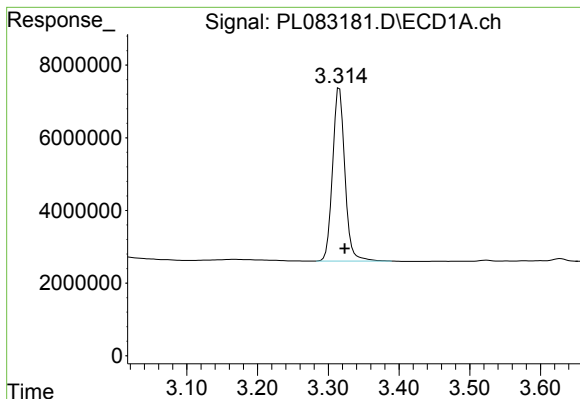
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 06/05/2023
 Supervised By :Ankita Jodhani 06/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 05:25:22 2023
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





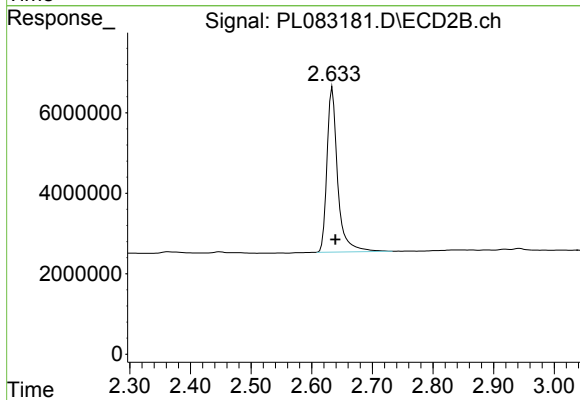
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 57490375
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

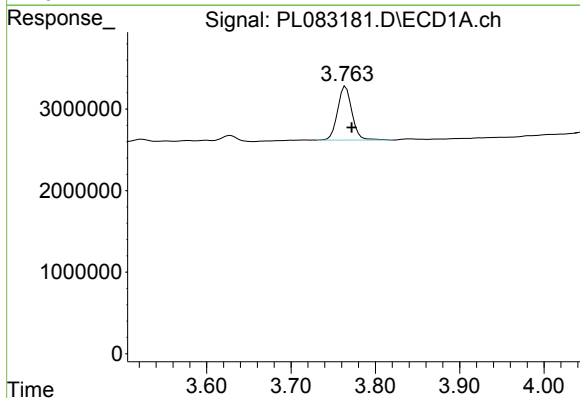
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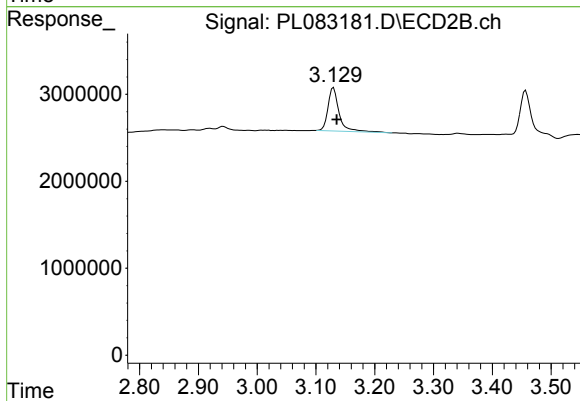
#1 Tetrachloro-m-xylene

R.T.: 2.634 min
Delta R.T.: -0.005 min
Response: 50139279
Conc: 19.31 ng/ml



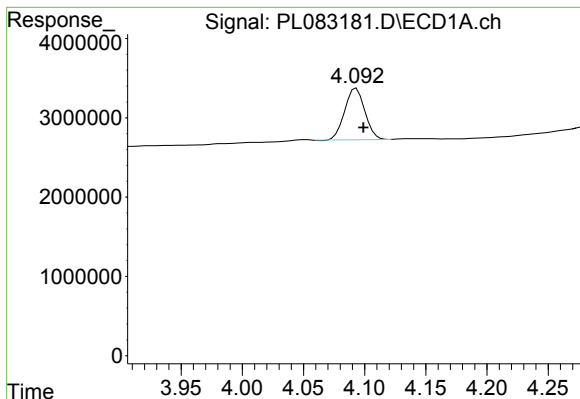
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: -0.007 min
Response: 7819124
Conc: 1.76 ng/ml



#2 alpha-BHC

R.T.: 3.130 min
Delta R.T.: -0.005 min
Response: 6576809
Conc: 1.76 ng/ml



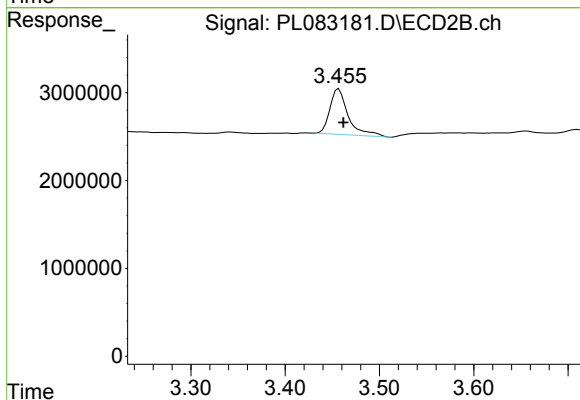
#3 gamma-BHC (Lindane)

R.T.: 4.093 min
Delta R.T.: -0.006 min
Response: 7450388
Conc: 1.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

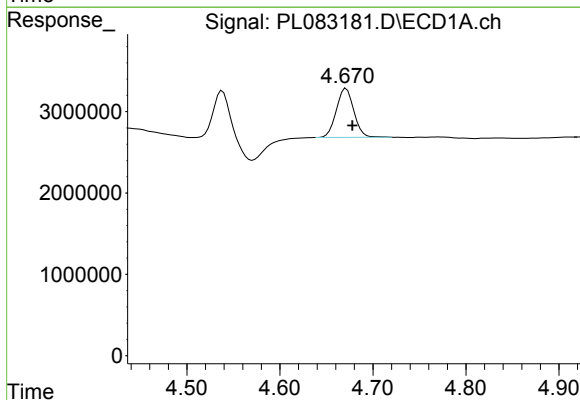
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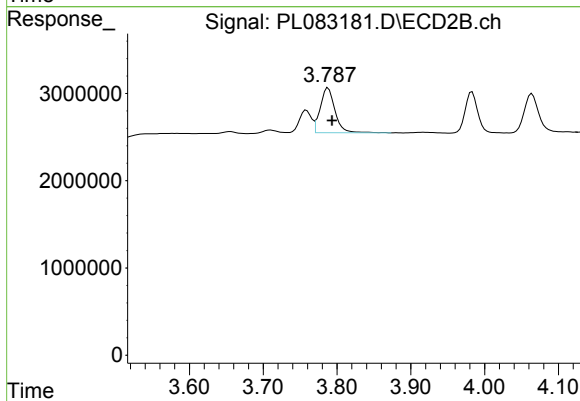
#3 gamma-BHC (Lindane)

R.T.: 3.457 min
Delta R.T.: -0.005 min
Response: 6996622
Conc: 2.10 ng/ml



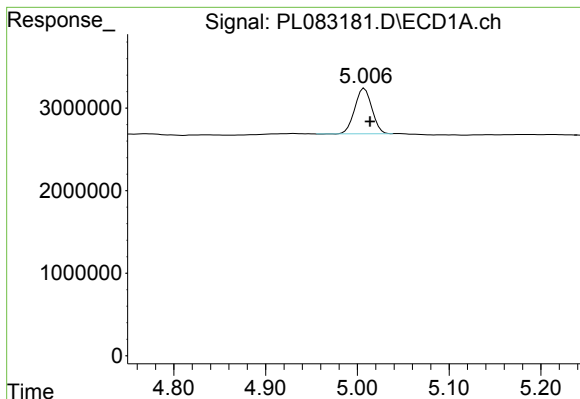
#4 Heptachlor

R.T.: 4.671 min
Delta R.T.: -0.007 min
Response: 7908344
Conc: 2.07 ng/ml



#4 Heptachlor

R.T.: 3.788 min
Delta R.T.: -0.005 min
Response: 7088548
Conc: 1.94 ng/ml



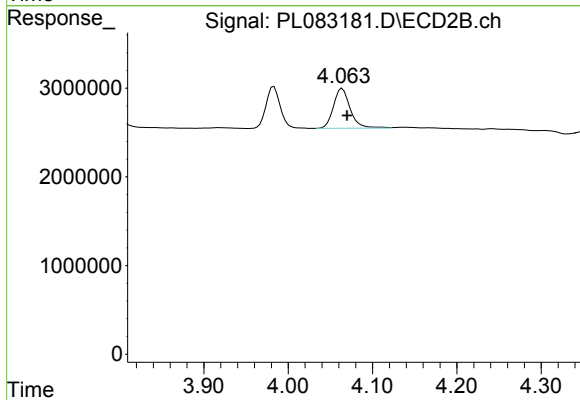
#5 Aldrin

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 7151607
Conc: 2.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

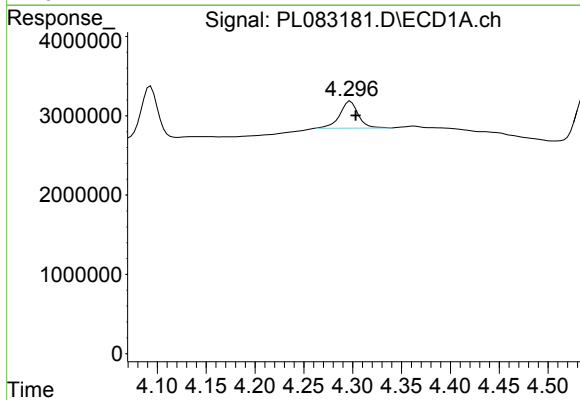
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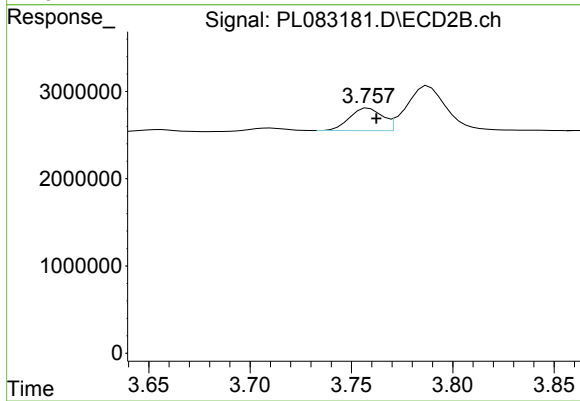
#5 Aldrin

R.T.: 4.064 min
Delta R.T.: -0.006 min
Response: 6188506
Conc: 1.90 ng/ml



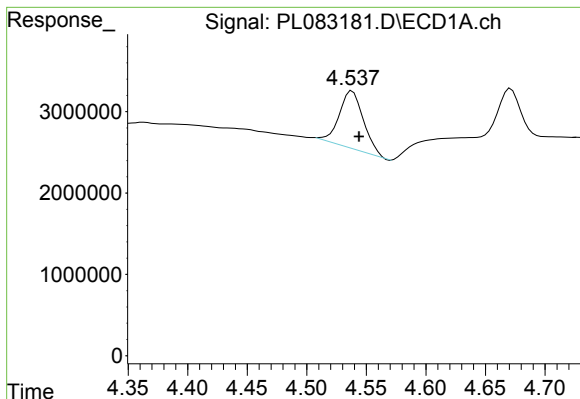
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 4477409
Conc: 2.38 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: -0.004 min
Response: 2893898
Conc: 2.02 ng/ml



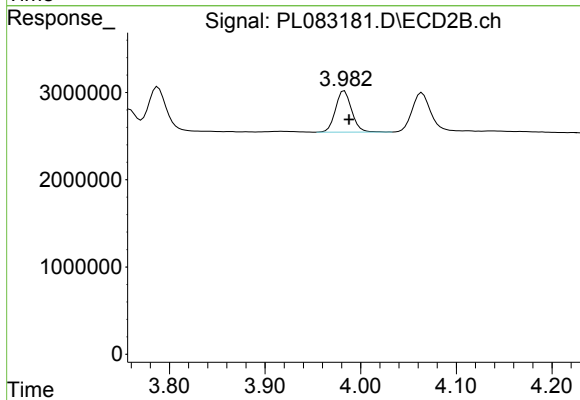
#7 delta-BHC

R.T.: 4.538 min
Delta R.T.: -0.006 min
Response: 10096246
Conc: 2.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

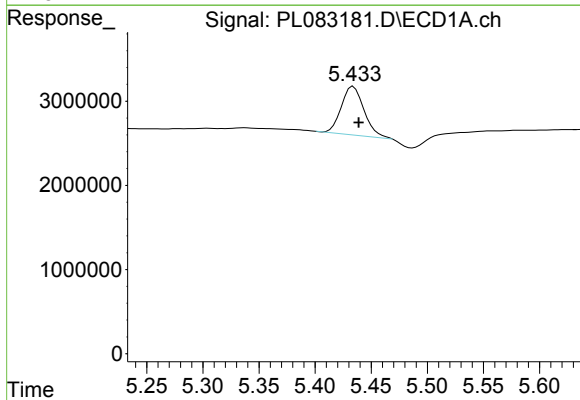
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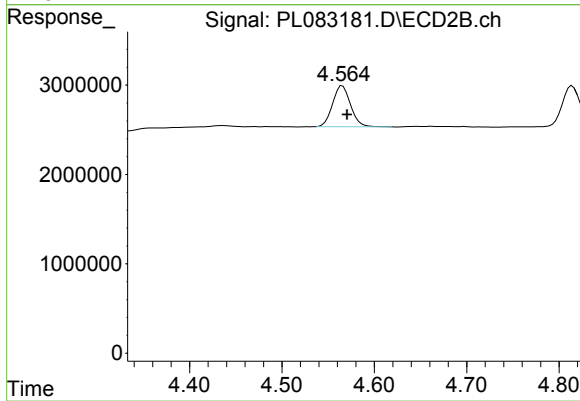
#7 delta-BHC

R.T.: 3.983 min
Delta R.T.: -0.005 min
Response: 5527254
Conc: 1.69 ng/ml



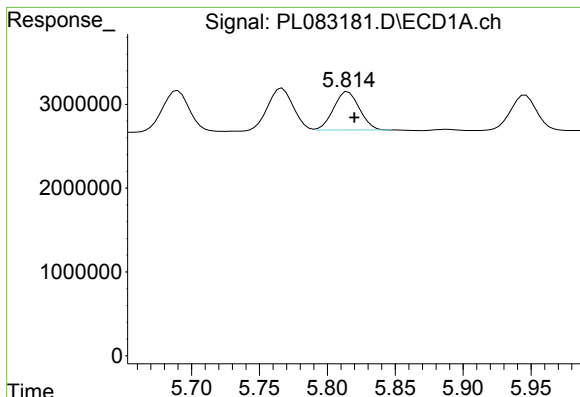
#8 Heptachlor epoxide

R.T.: 5.434 min
Delta R.T.: -0.005 min
Response: 8053260
Conc: 2.52 ng/ml



#8 Heptachlor epoxide

R.T.: 4.566 min
Delta R.T.: -0.005 min
Response: 6190117
Conc: 2.09 ng/ml



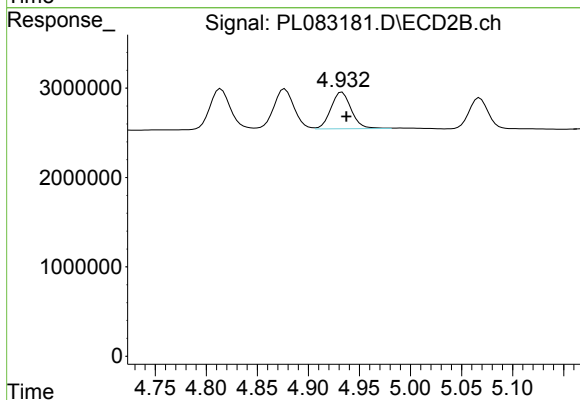
#9 Endosulfan I

R.T.: 5.814 min
Delta R.T.: -0.006 min
Response: 6041334
Conc: 2.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

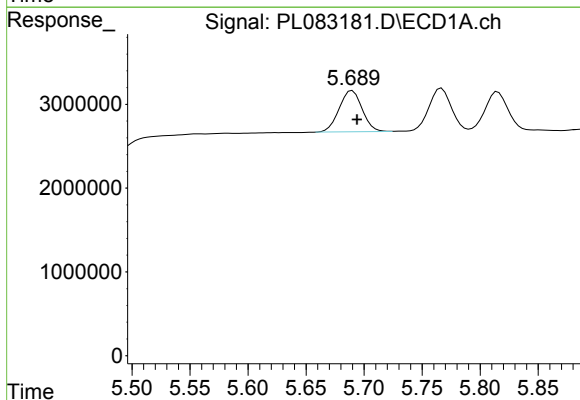
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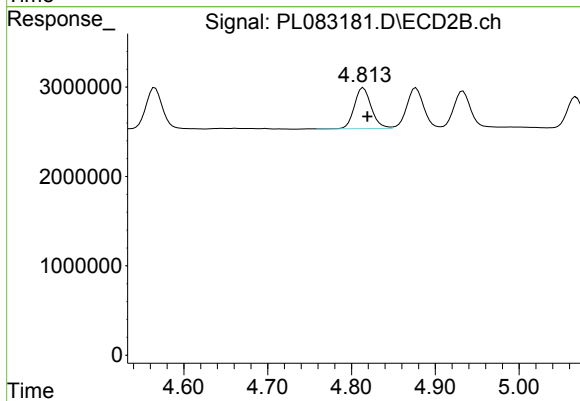
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.004 min
Response: 5728385
Conc: 2.05 ng/ml



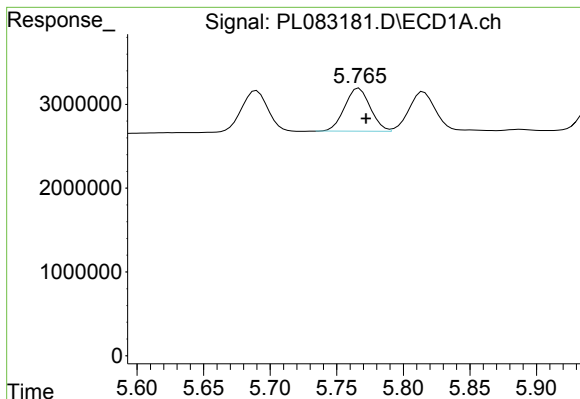
#10 gamma-Chlordane

R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 6760774
Conc: 2.13 ng/ml m



#10 gamma-Chlordane

R.T.: 4.814 min
Delta R.T.: -0.005 min
Response: 6451224
Conc: 2.15 ng/ml



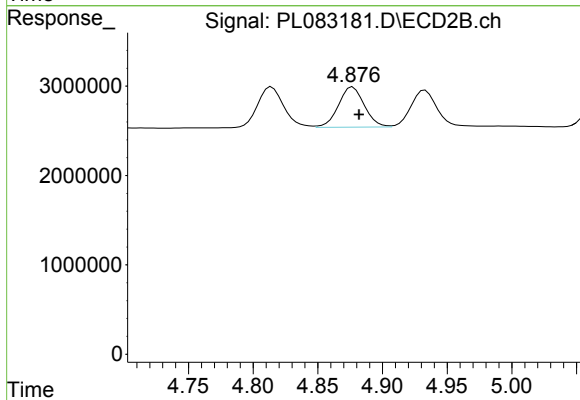
#11 alpha-Chlordane

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 6903579
Conc: 2.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

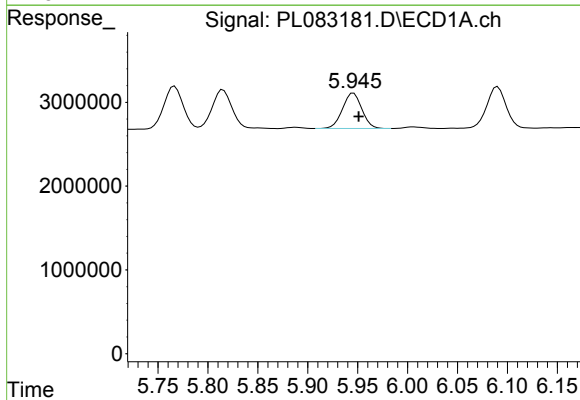
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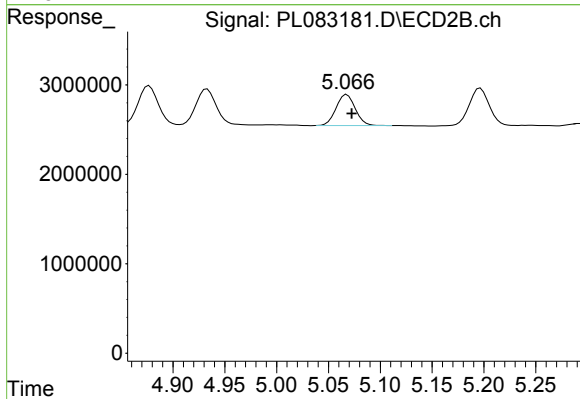
#11 alpha-Chlordane

R.T.: 4.877 min
Delta R.T.: -0.005 min
Response: 6282530
Conc: 2.09 ng/ml



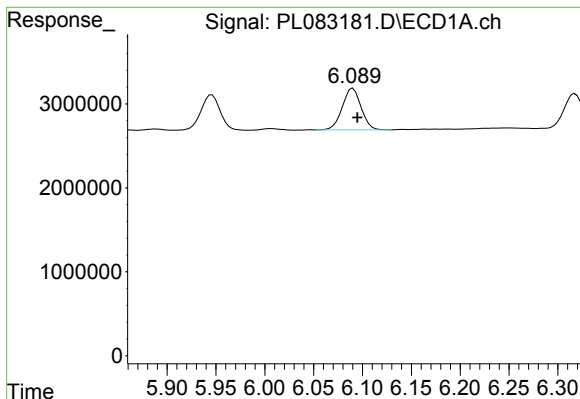
#12 4,4'-DDE

R.T.: 5.946 min
Delta R.T.: -0.005 min
Response: 5702829
Conc: 2.07 ng/ml



#12 4,4'-DDE

R.T.: 5.068 min
Delta R.T.: -0.005 min
Response: 4460325
Conc: 1.84 ng/ml



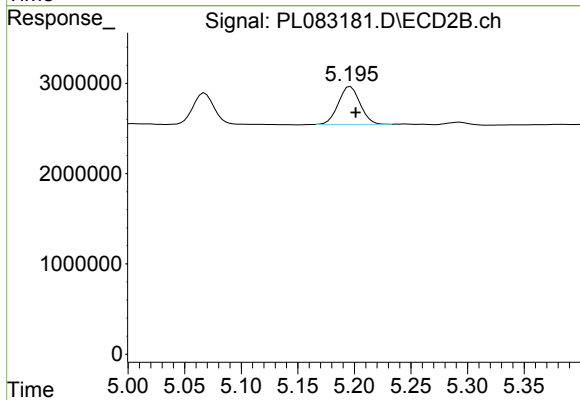
#13 Dieldrin

R.T.: 6.090 min
Delta R.T.: -0.005 min
Response: 6635653
Conc: 2.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
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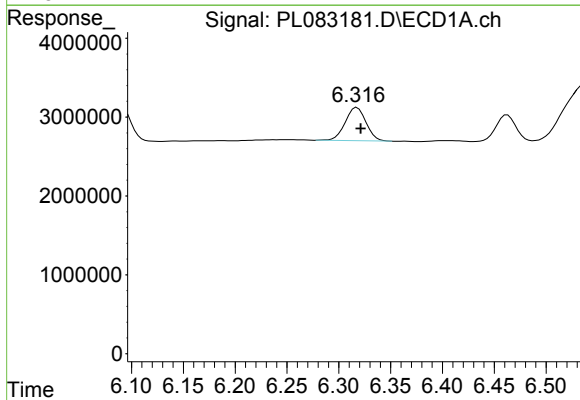
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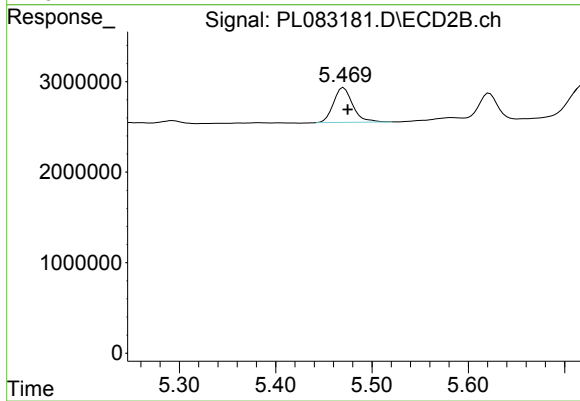
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.005 min
Response: 5604860
Conc: 1.99 ng/ml



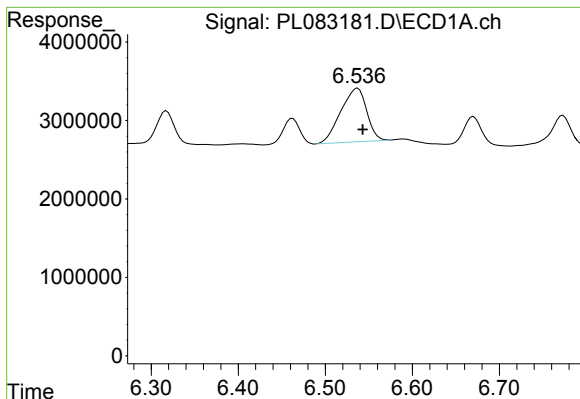
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.003 min
Response: 5902738
Conc: 2.20 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.004 min
Response: 5361615
Conc: 2.11 ng/ml



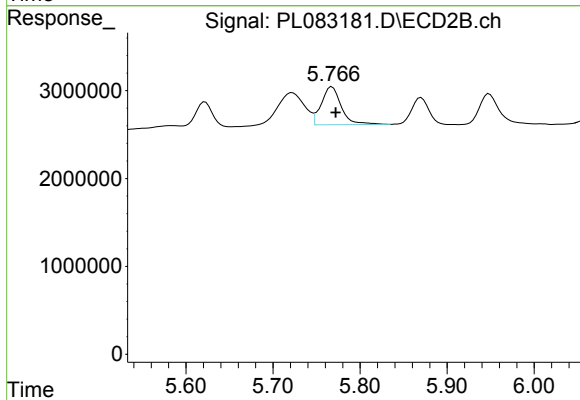
#15 Endosulfan II

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 14146107
Conc: 1.18 ng/ml

Instrument :
ECD_L
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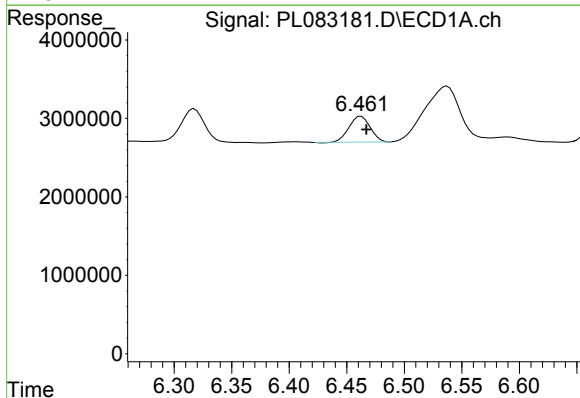
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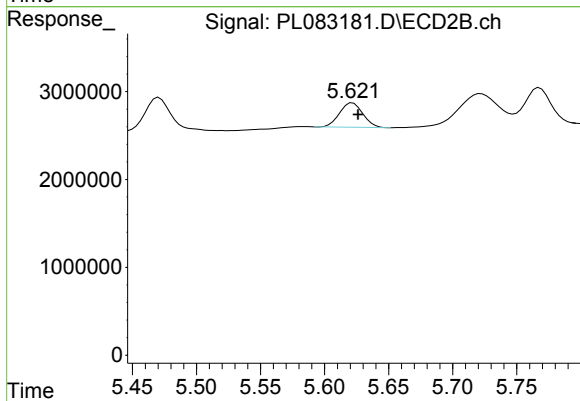
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 6844282
Conc: 2.77 ng/ml



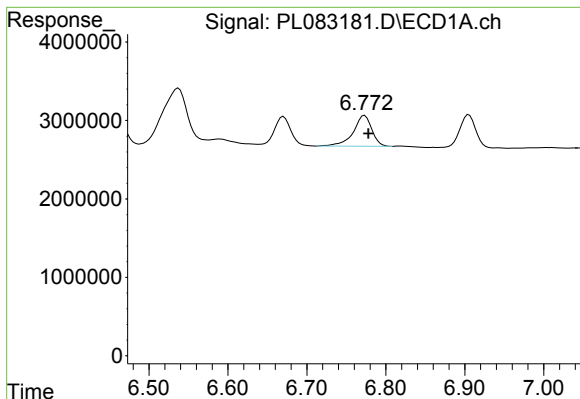
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 4241652
Conc: 1.95 ng/ml



#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.004 min
Response: 3530344
Conc: 1.84 ng/ml



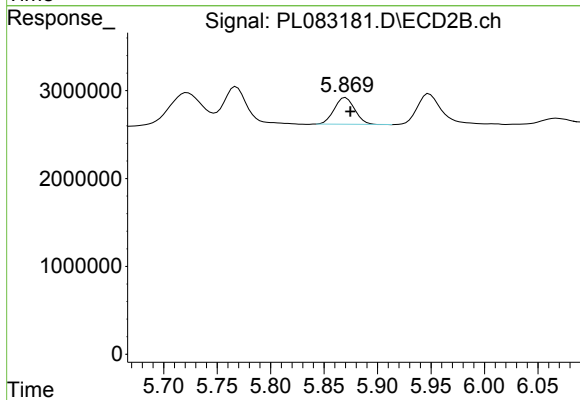
#17 4,4'-DDT

R.T.: 6.773 min
Delta R.T.: -0.005 min
Response: 6403595
Conc: 2.56 ng/ml

Instrument :
ECD_L
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LOD-MDL-SOIL-01-QT2-2023

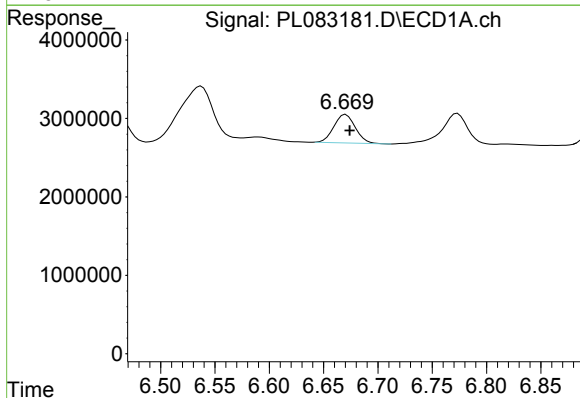
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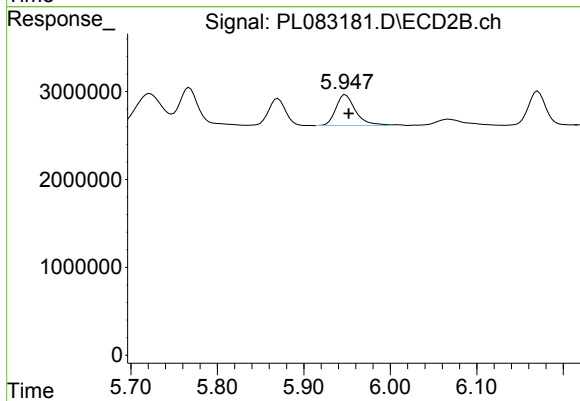
#17 4,4'-DDT

R.T.: 5.870 min
Delta R.T.: -0.004 min
Response: 4072537
Conc: 1.83 ng/ml



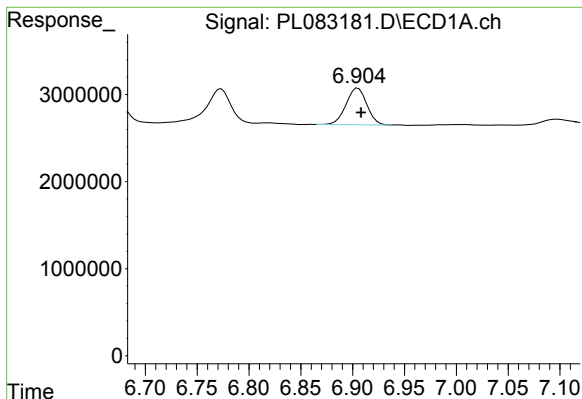
#18 Endrin aldehyde

R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 4991923
Conc: 2.48 ng/ml



#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 5525421
Conc: 2.79 ng/ml



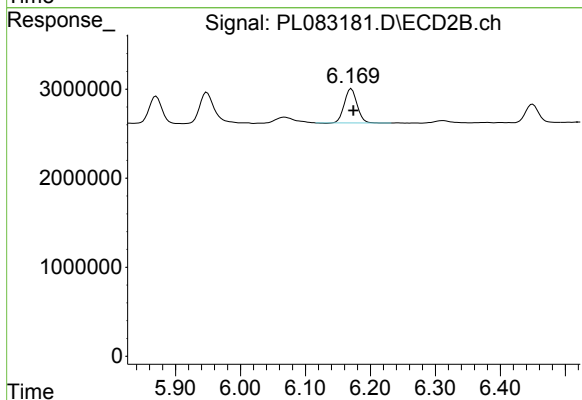
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.003 min
Response: 5871105
Conc: 2.29 ng/ml

Instrument :
ECD_L
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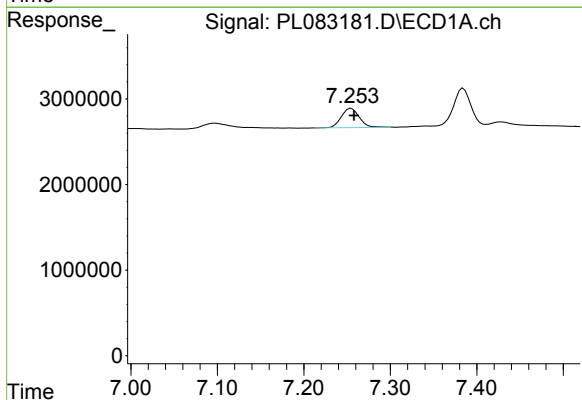
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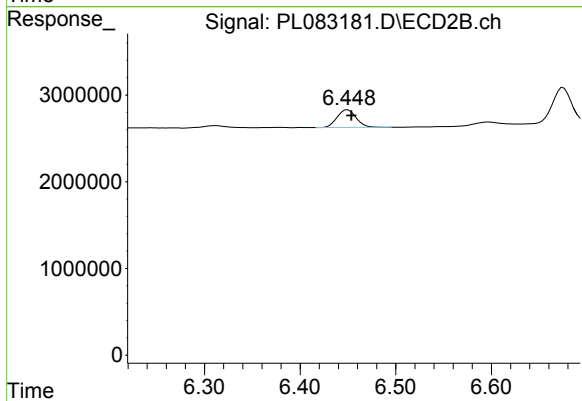
#19 Endosulfan Sulfate

R.T.: 6.171 min
Delta R.T.: -0.003 min
Response: 5208987
Conc: 2.13 ng/ml



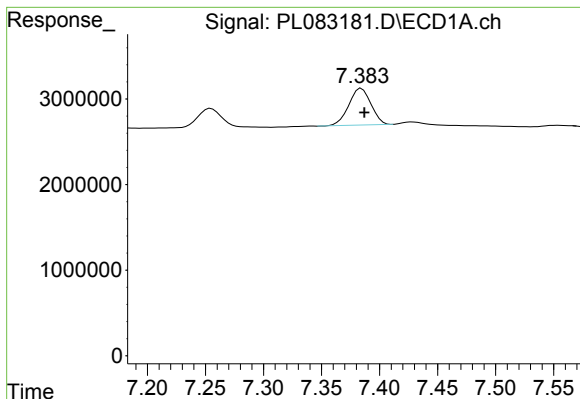
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.003 min
Response: 3230287
Conc: 2.44 ng/ml



#20 Methoxychlor

R.T.: 6.450 min
Delta R.T.: -0.004 min
Response: 2827222
Conc: 2.22 ng/ml



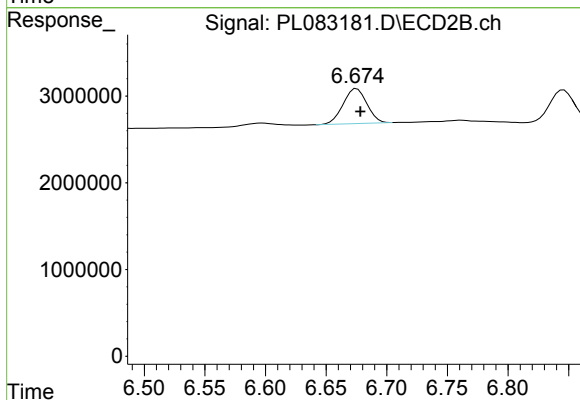
#21 Endrin ketone

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 5698176
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

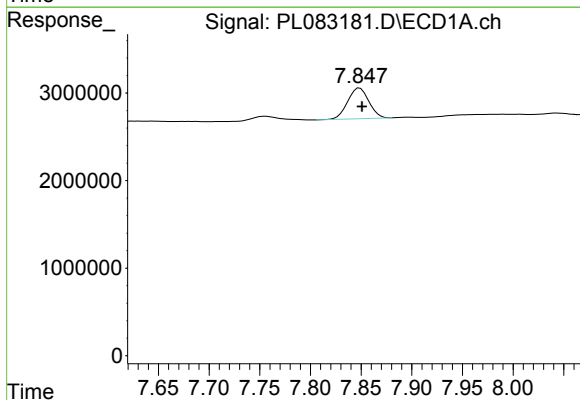
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2023
Supervised By :Ankita Jodhani 06/05/2023



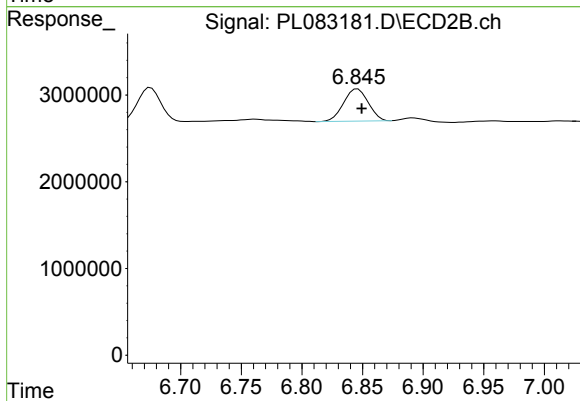
#21 Endrin ketone

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 5504841
Conc: 2.04 ng/ml



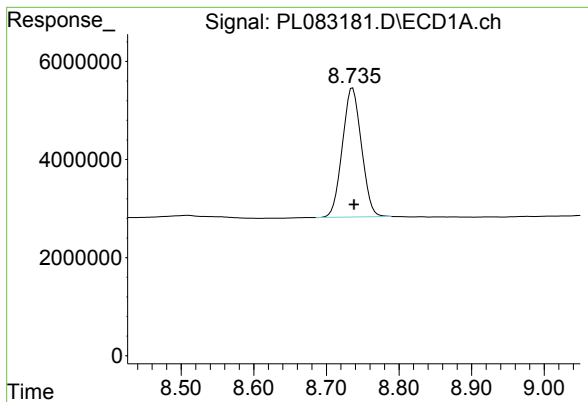
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.002 min
Response: 5112180
Conc: 2.44 ng/ml



#22 Mirex

R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 5244546
Conc: 2.24 ng/ml



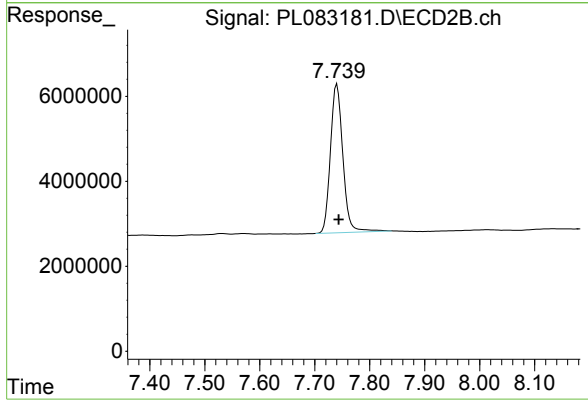
#28 Decachlorobiphenyl

R.T.: 8.736 min
Delta R.T.: -0.002 min
Response: 48057060
Conc: 22.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2023

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2023
Supervised By :Ankita Jodhani 06/05/2023



#28 Decachlorobiphenyl

R.T.: 7.740 min
Delta R.T.: -0.003 min
Response: 54890720
Conc: 22.08 ng/ml