

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040623\
 Data File : PL081876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 15:23
 Operator : AR\AJ
 Sample : 02213-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/07/2023
 Supervised By :Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:30:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.327	2.655	41235843	38327035	17.729	19.200
28) SA Decachlor...	8.745	7.769	33636033	39368750	18.795	19.851
Target Compounds						
2) A alpha-BHC	3.776	3.153	6816158	6293980	1.988	2.159
3) MA gamma-BHC...	4.104	3.480	6439812	6728176	2.027	2.417
4) MA Heptachlor	4.683	3.813	6010399	6175445	1.907	2.154
5) MB Aldrin	5.019	4.090	6262113	6031066	2.189	2.264
6) B beta-BHC	4.305	3.778	4803772	2903794	3.192m	2.438m
7) B delta-BHC	4.547	4.006	8684778	5662720	2.858	2.190
8) B Heptachlo...	5.445	4.592	7272046	6340442	2.674	2.611
9) A Endosulfan I	5.826	4.959	5672951	5894087	2.296	2.670
10) B gamma-Chl...	5.700	4.841	6380442	6510361	2.430	2.679
11) B alpha-Chl...	5.778	4.904	6170019	6446005	2.384	2.654
12) B 4,4'-DDE	5.955	5.094	5286627	4773867	2.346	2.424
13) MA Dieldrin	6.100	5.224	5838125	5683992	2.412	2.527
14) MA Endrin	6.327	5.498	4581285	4909343	2.166	2.426
15) B Endosulfa...	6.549	5.792	5350275	4881519	2.521	2.691m
16) A 4,4'-DDD	6.469	5.648	4987404	3983553	2.765m	2.625
17) MA 4,4'-DDT	6.782	5.897	3766322	3796292	1.856	2.203
18) B Endrin al...	6.679	5.974	4470793	4566556	2.733	2.941
19) B Endosulfa...	6.913	6.197	5203459	5141347	2.497	2.642
20) A Methoxychlor	7.263	6.476	2444354	2431781	2.270	2.441
21) B Endrin ke...	7.392	6.701	5180504	5833023	2.473	2.730
22) Mirex	7.857	6.874	4208651	5458504	2.456	2.843

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040623\
 Data File : PL081876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Apr 2023 15:23
 Operator : AR\AJ
 Sample : 02213-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 16 Sample Multiplier: 1

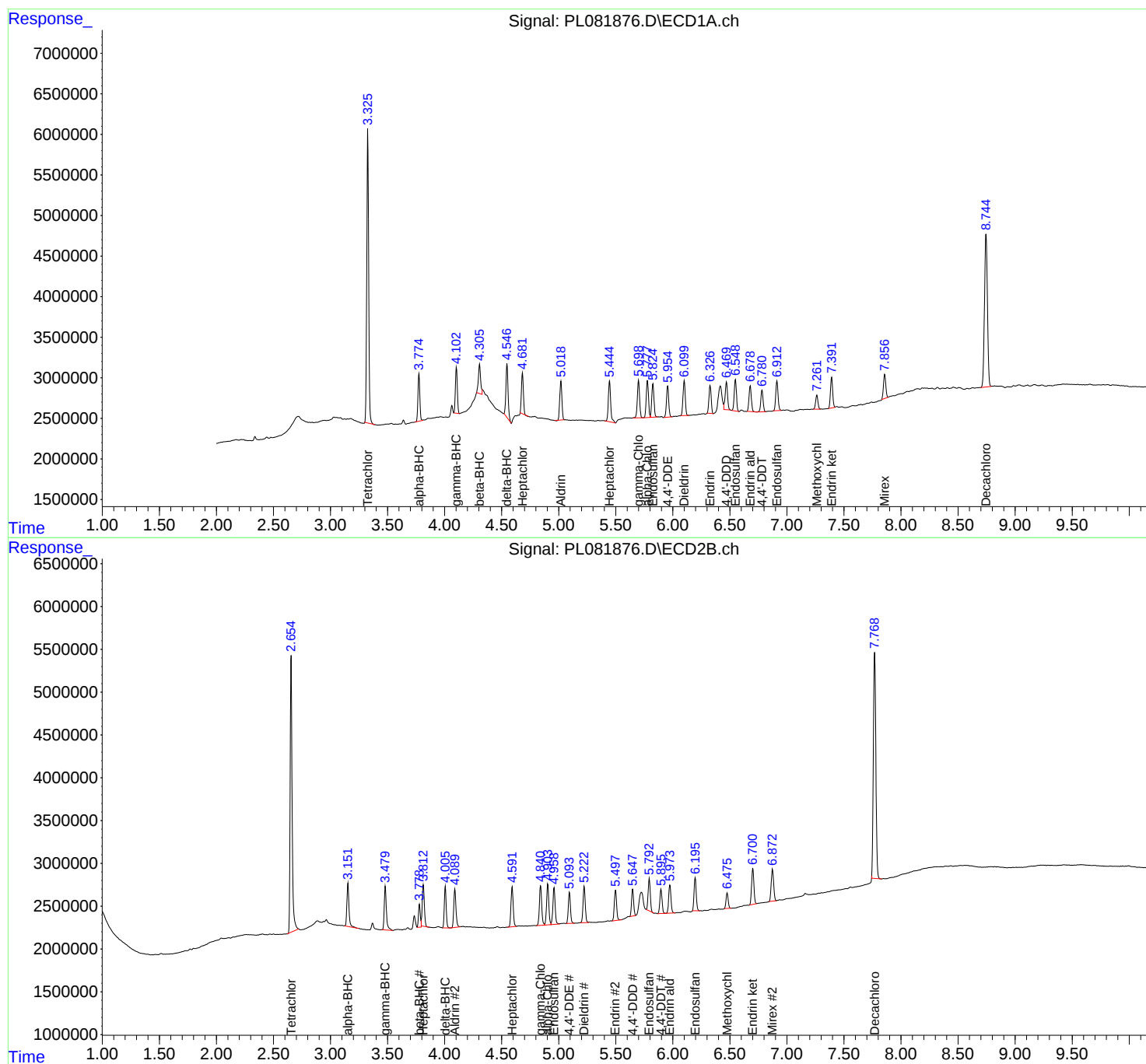
Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2023

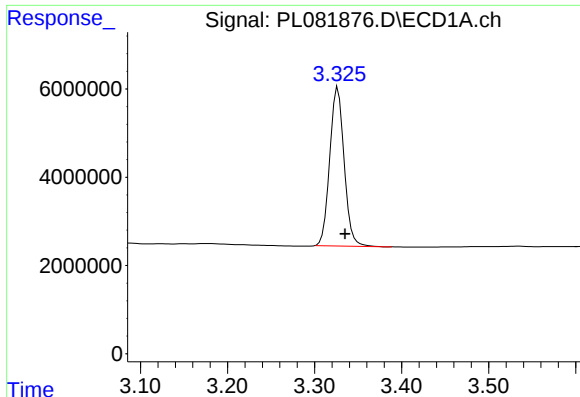
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 04/07/2023
 Supervised By : Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 06 21:30:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
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 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





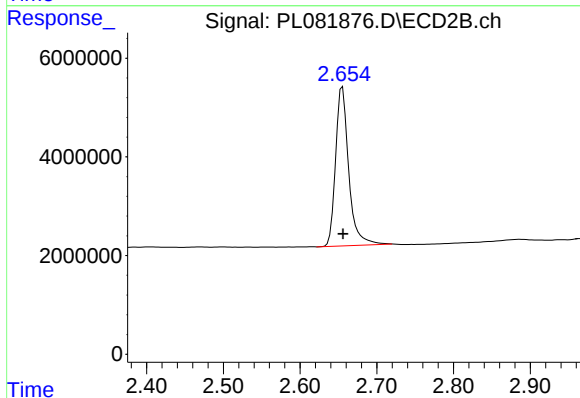
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: -0.008 min
Response: 41235843
Conc: 17.73 ng/ml

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

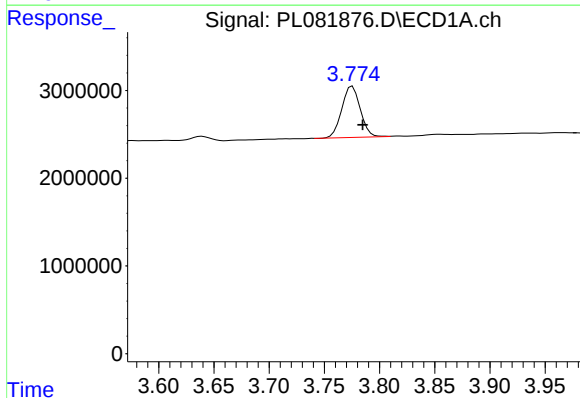
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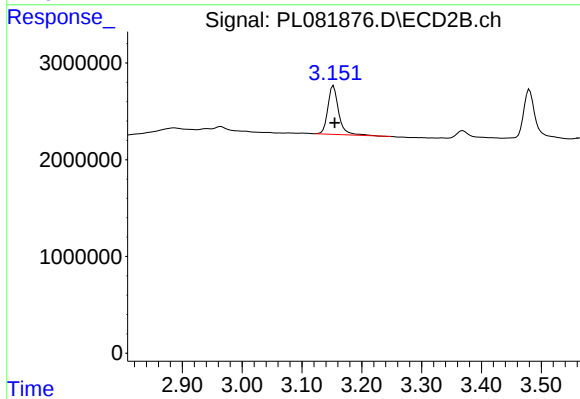
#1 Tetrachloro-m-xylene

R.T.: 2.655 min
Delta R.T.: 0.000 min
Response: 38327035
Conc: 19.20 ng/ml



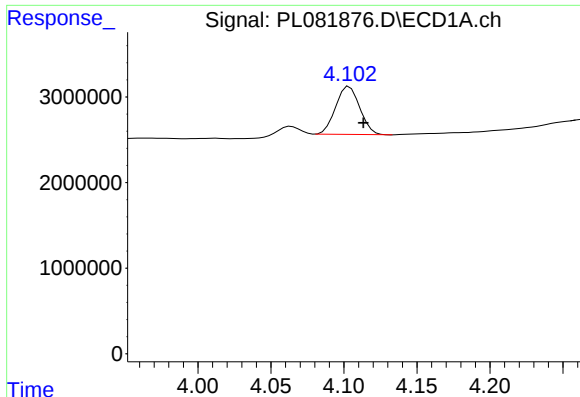
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.009 min
Response: 6816158
Conc: 1.99 ng/ml



#2 alpha-BHC

R.T.: 3.153 min
Delta R.T.: -0.002 min
Response: 6293980
Conc: 2.16 ng/ml



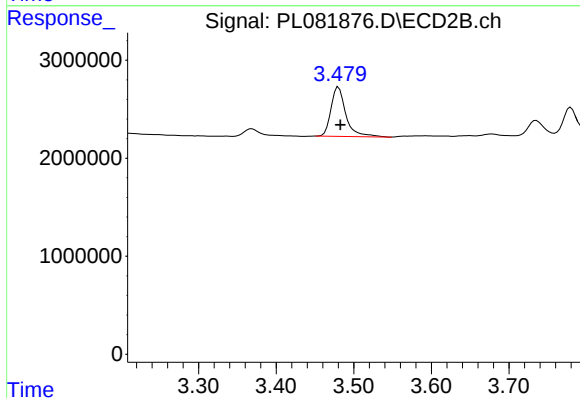
#3 gamma-BHC (Lindane)

R.T.: 4.104 min
Delta R.T.: -0.010 min
Response: 6439812
Conc: 2.03 ng/ml

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

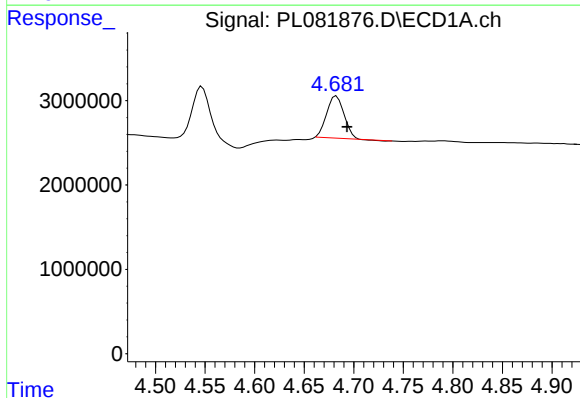
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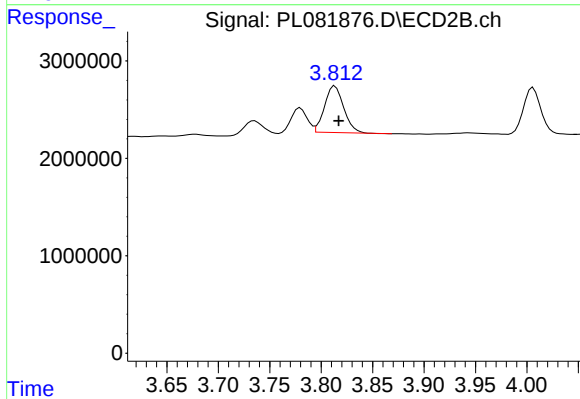
#3 gamma-BHC (Lindane)

R.T.: 3.480 min
Delta R.T.: -0.002 min
Response: 6728176
Conc: 2.42 ng/ml



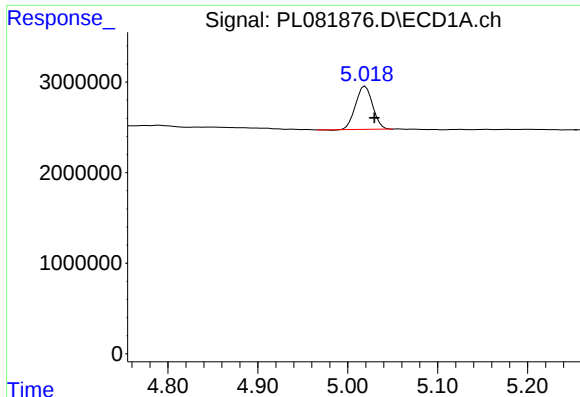
#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: -0.011 min
Response: 6010399
Conc: 1.91 ng/ml



#4 Heptachlor

R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 6175445
Conc: 2.15 ng/ml



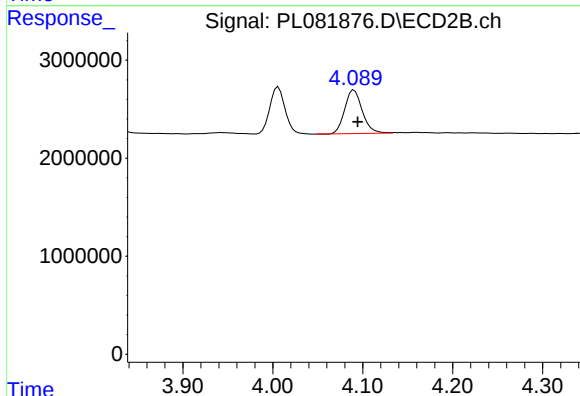
#5 Aldrin

R.T.: 5.019 min
Delta R.T.: -0.010 min
Response: 6262113
Conc: 2.19 ng/ml

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

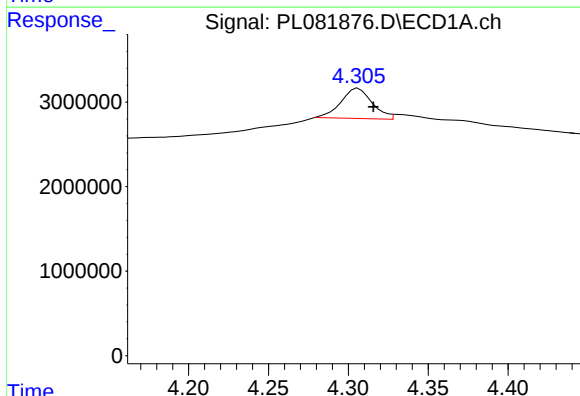
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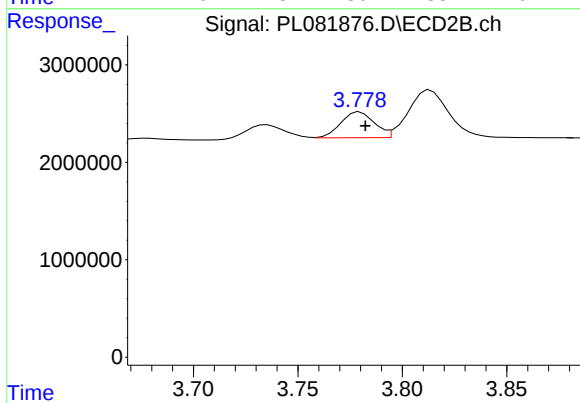
#5 Aldrin

R.T.: 4.090 min
Delta R.T.: -0.004 min
Response: 6031066
Conc: 2.26 ng/ml



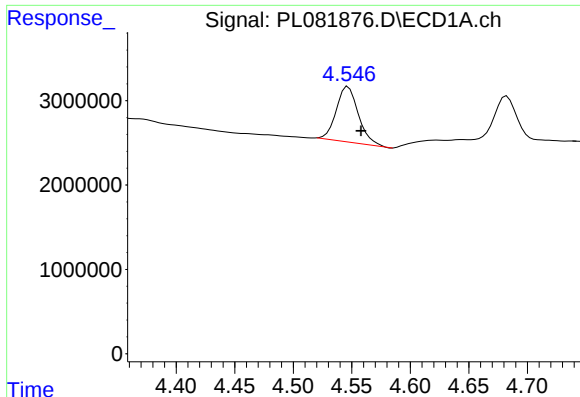
#6 beta-BHC

R.T.: 4.305 min
Delta R.T.: -0.011 min
Response: 4803772
Conc: 3.19 ng/ml m



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 2903794
Conc: 2.44 ng/ml m



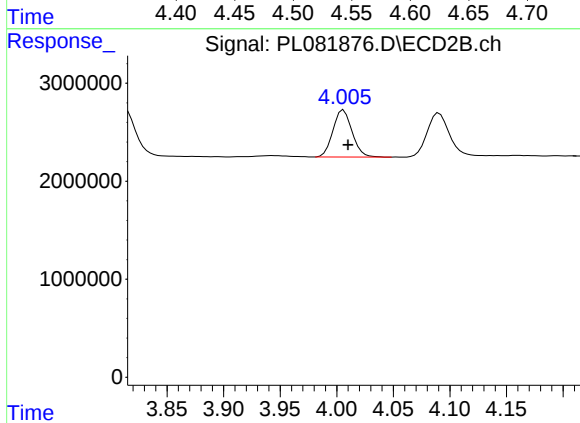
#7 delta-BHC

R.T.: 4.547 min
Delta R.T.: -0.011 min
Response: 8684778
Conc: 2.86 ng/ml

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

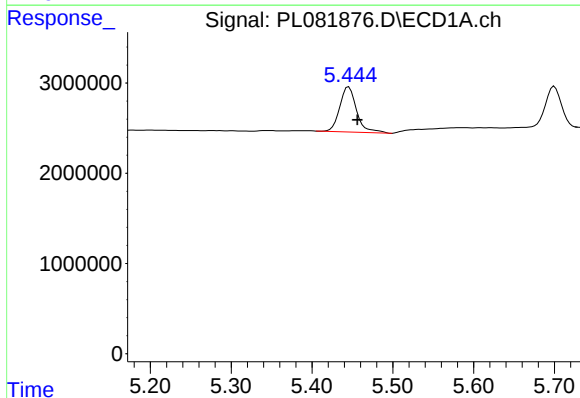
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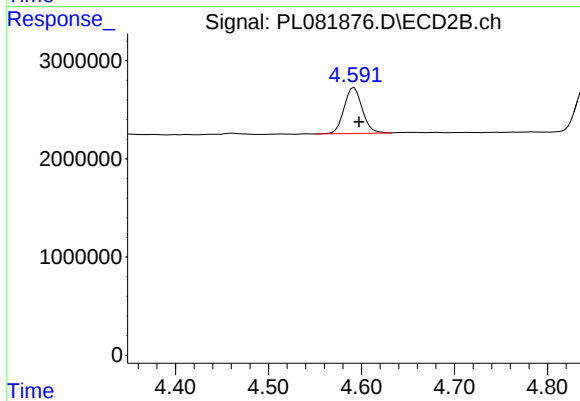
#7 delta-BHC

R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 5662720
Conc: 2.19 ng/ml



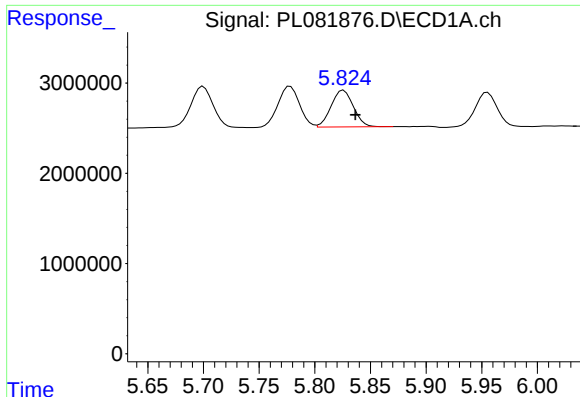
#8 Heptachlor epoxide

R.T.: 5.445 min
Delta R.T.: -0.011 min
Response: 7272046
Conc: 2.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.592 min
Delta R.T.: -0.005 min
Response: 6340442
Conc: 2.61 ng/ml



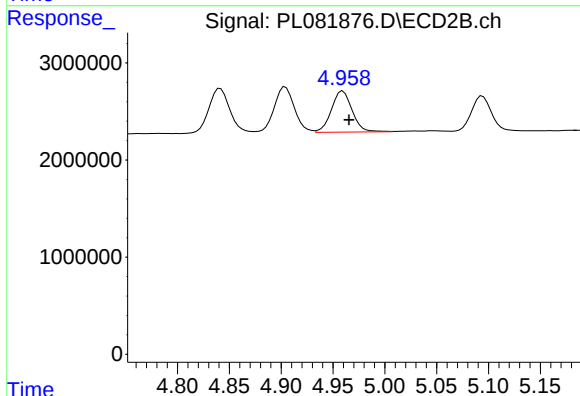
#9 Endosulfan I

R.T.: 5.826 min
Delta R.T.: -0.011 min
Response: 5672951
Conc: 2.30 ng/ml

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

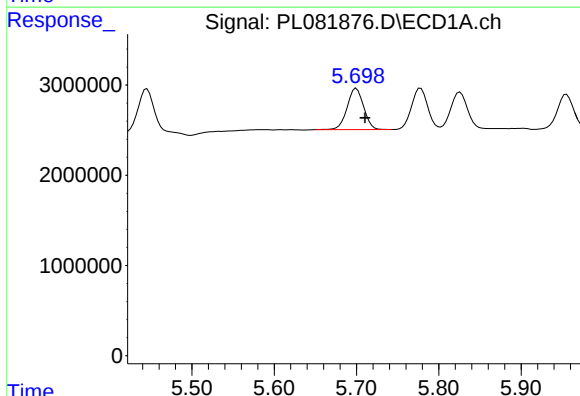
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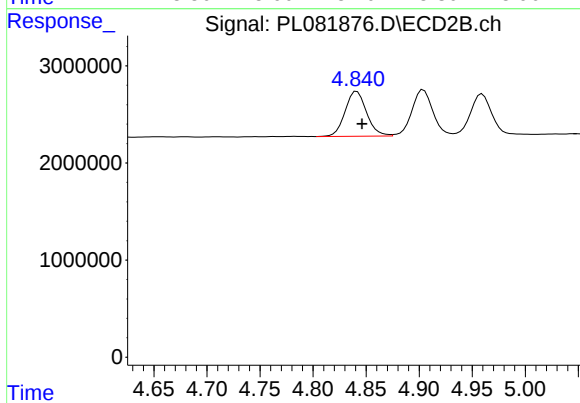
#9 Endosulfan I

R.T.: 4.959 min
Delta R.T.: -0.006 min
Response: 5894087
Conc: 2.67 ng/ml



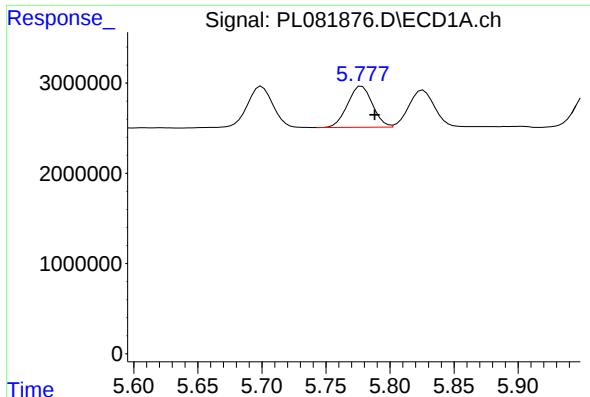
#10 gamma-Chlordane

R.T.: 5.700 min
Delta R.T.: -0.010 min
Response: 6380442
Conc: 2.43 ng/ml



#10 gamma-Chlordane

R.T.: 4.841 min
Delta R.T.: -0.005 min
Response: 6510361
Conc: 2.68 ng/ml



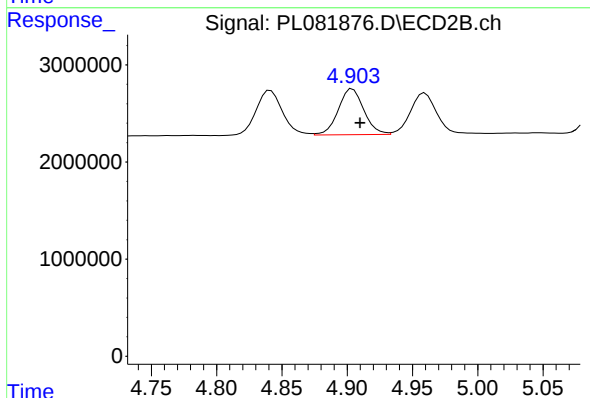
#11 alpha-Chlordane

R.T.: 5.778 min
Delta R.T.: -0.010 min
Response: 6170019
Conc: 2.38 ng/ml

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

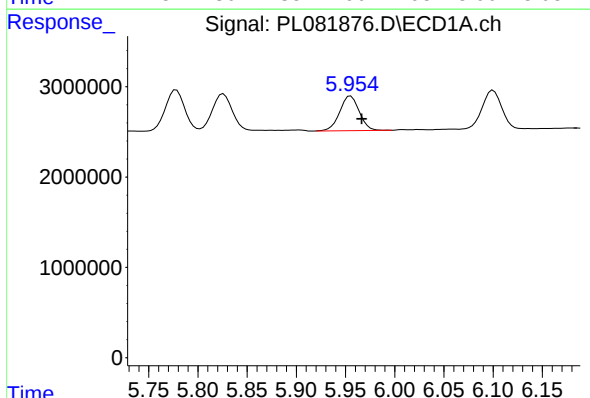
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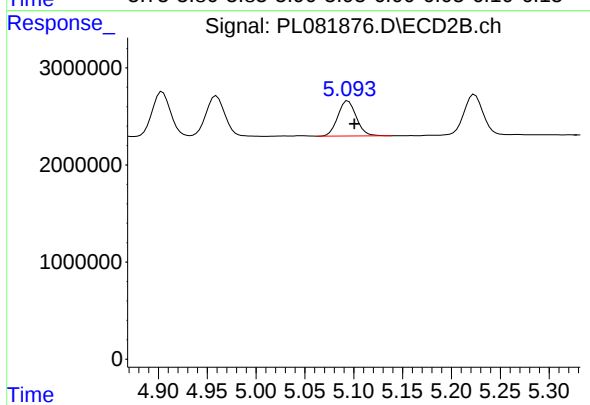
#11 alpha-Chlordane

R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 6446005
Conc: 2.65 ng/ml



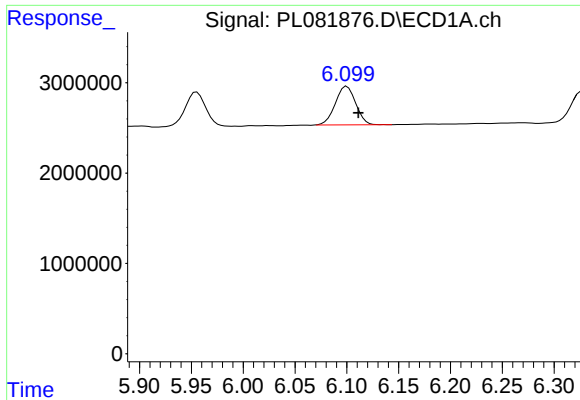
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 5286627
Conc: 2.35 ng/ml



#12 4,4'-DDE

R.T.: 5.094 min
Delta R.T.: -0.006 min
Response: 4773867
Conc: 2.42 ng/ml



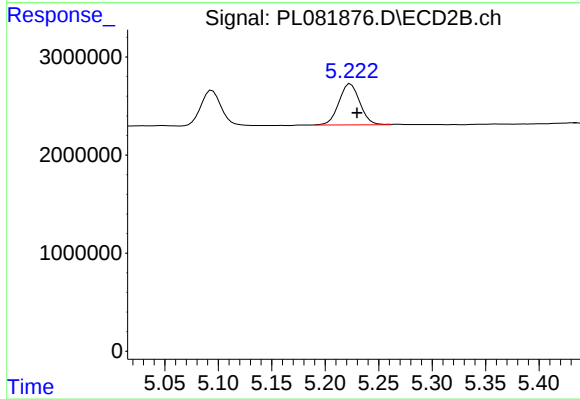
#13 Dieldrin

R.T.: 6.100 min
Delta R.T.: -0.011 min
Response: 5838125
Conc: 2.41 ng/ml

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

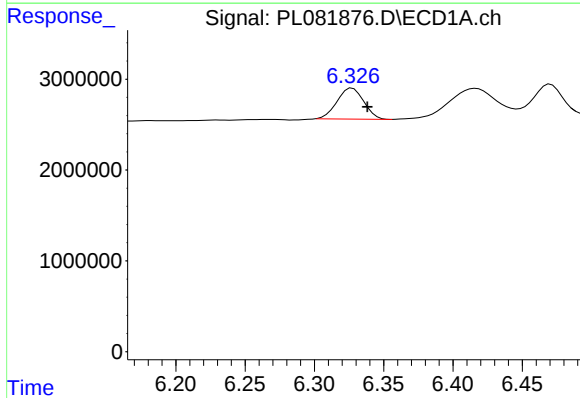
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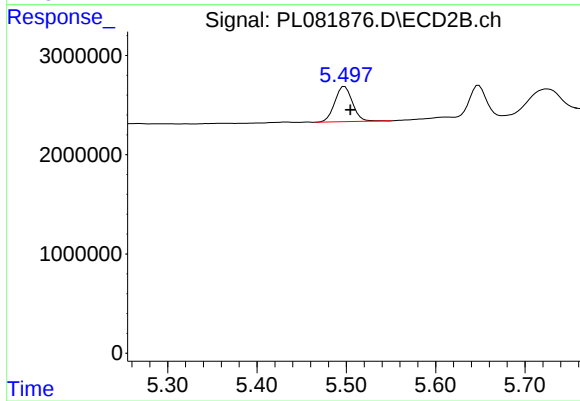
#13 Dieldrin

R.T.: 5.224 min
Delta R.T.: -0.006 min
Response: 5683992
Conc: 2.53 ng/ml



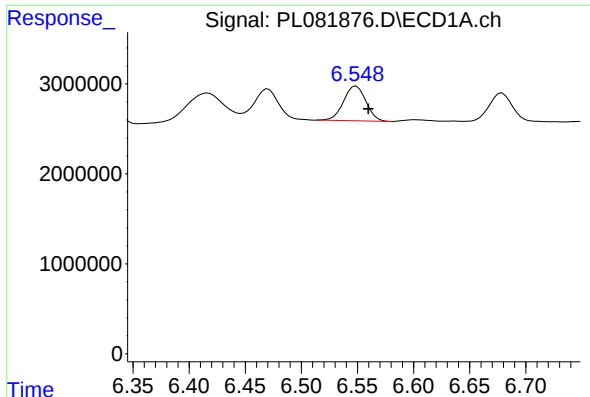
#14 Endrin

R.T.: 6.327 min
Delta R.T.: -0.011 min
Response: 4581285
Conc: 2.17 ng/ml



#14 Endrin

R.T.: 5.498 min
Delta R.T.: -0.006 min
Response: 4909343
Conc: 2.43 ng/ml



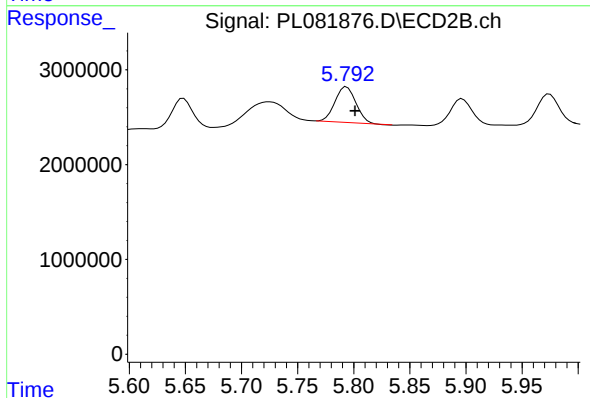
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: -0.011 min
Response: 5350275
Conc: 2.52 ng/ml

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

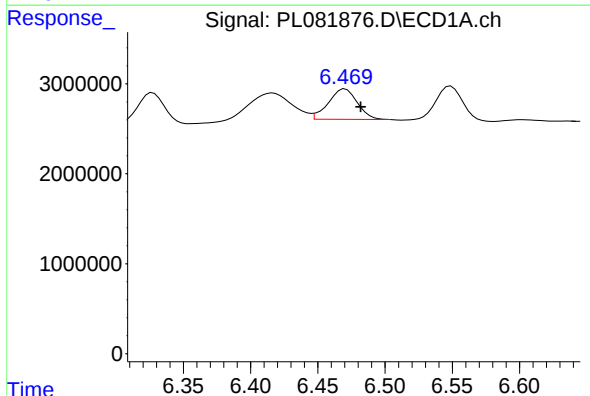
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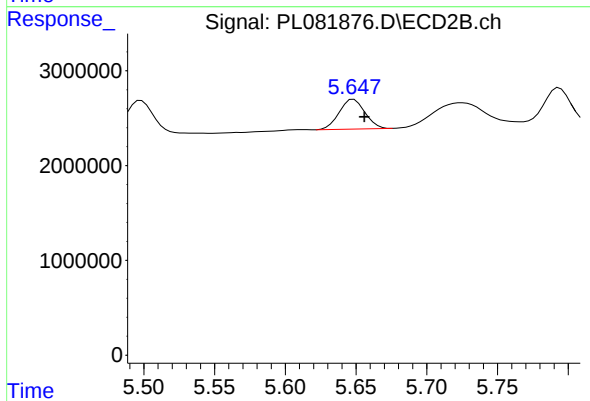
#15 Endosulfan II

R.T.: 5.792 min
Delta R.T.: -0.009 min
Response: 4881519
Conc: 2.69 ng/ml m



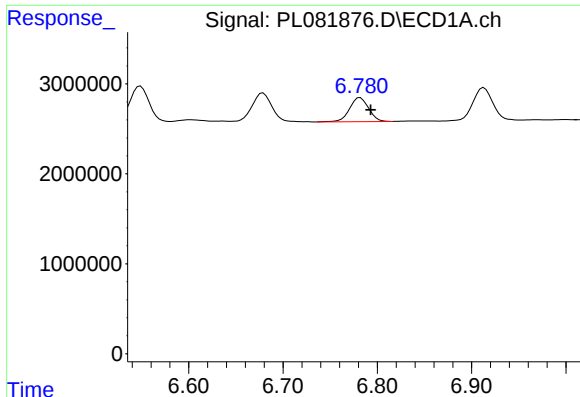
#16 4,4'-DDD

R.T.: 6.469 min
Delta R.T.: -0.013 min
Response: 4987404
Conc: 2.77 ng/ml m



#16 4,4'-DDD

R.T.: 5.648 min
Delta R.T.: -0.008 min
Response: 3983553
Conc: 2.63 ng/ml



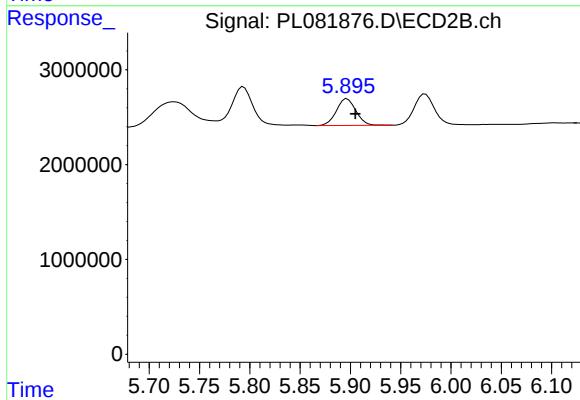
#17 4,4'-DDT

R.T.: 6.782 min
Delta R.T.: -0.011 min
Response: 3766322
Conc: 1.86 ng/ml

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

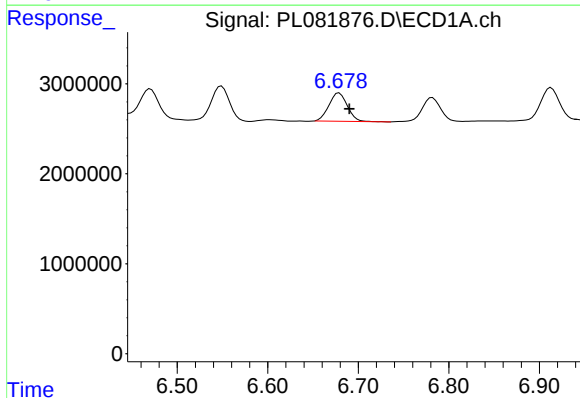
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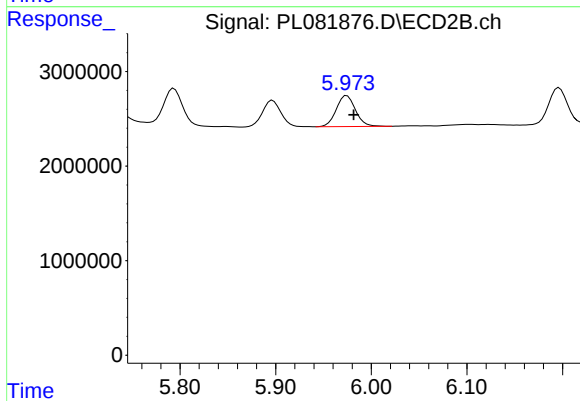
#17 4,4'-DDT

R.T.: 5.897 min
Delta R.T.: -0.008 min
Response: 3796292
Conc: 2.20 ng/ml



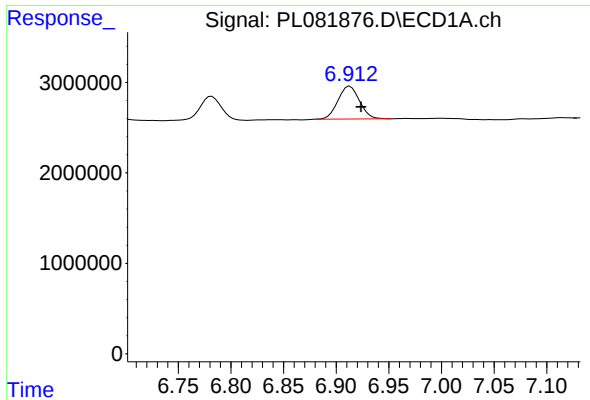
#18 Endrin aldehyde

R.T.: 6.679 min
Delta R.T.: -0.011 min
Response: 4470793
Conc: 2.73 ng/ml



#18 Endrin aldehyde

R.T.: 5.974 min
Delta R.T.: -0.007 min
Response: 4566556
Conc: 2.94 ng/ml



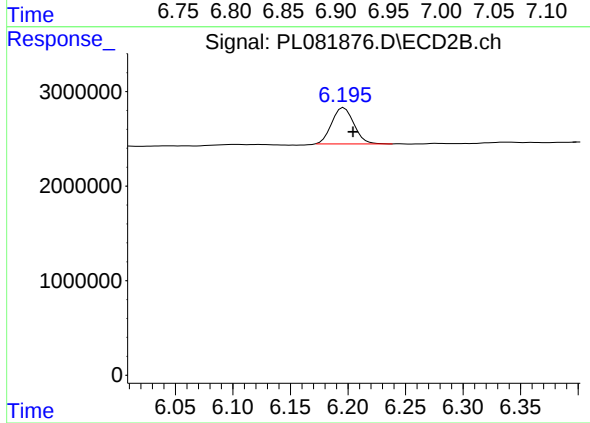
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: -0.010 min
Response: 5203459
Conc: 2.50 ng/ml

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

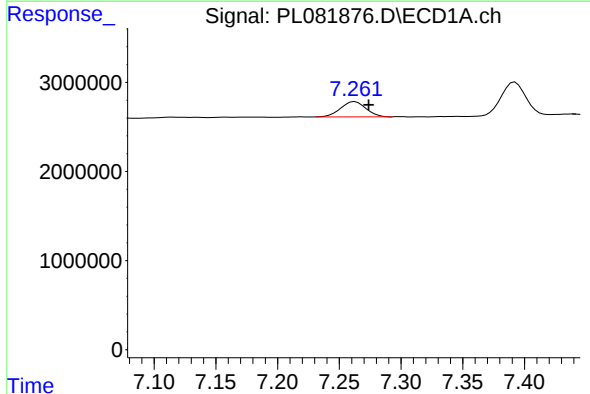
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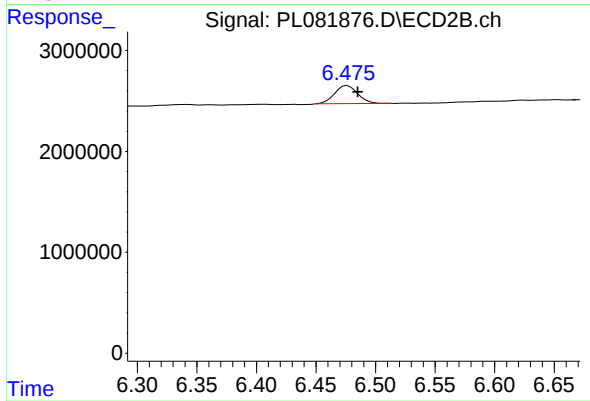
#19 Endosulfan Sulfate

R.T.: 6.197 min
Delta R.T.: -0.008 min
Response: 5141347
Conc: 2.64 ng/ml



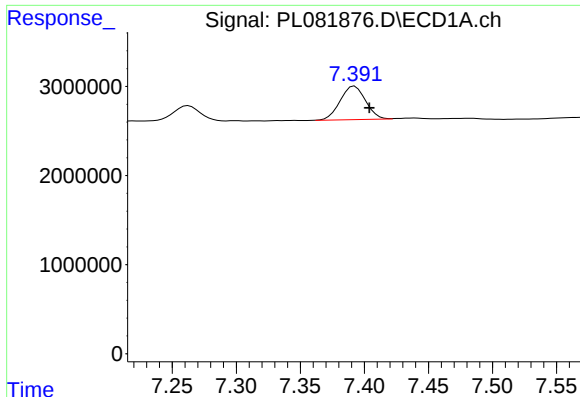
#20 Methoxychlor

R.T.: 7.263 min
Delta R.T.: -0.011 min
Response: 2444354
Conc: 2.27 ng/ml



#20 Methoxychlor

R.T.: 6.476 min
Delta R.T.: -0.009 min
Response: 2431781
Conc: 2.44 ng/ml



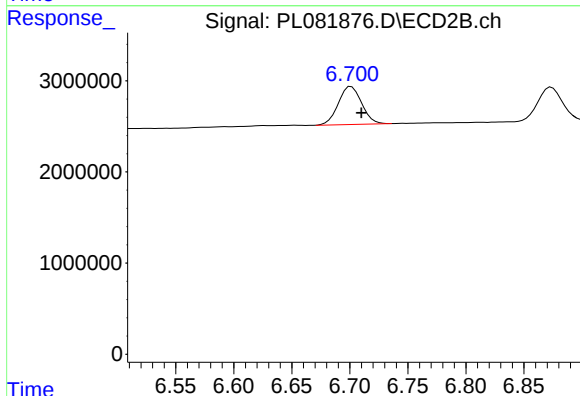
#21 Endrin ketone

R.T.: 7.392 min
Delta R.T.: -0.012 min
Response: 5180504
Conc: 2.47 ng/ml

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

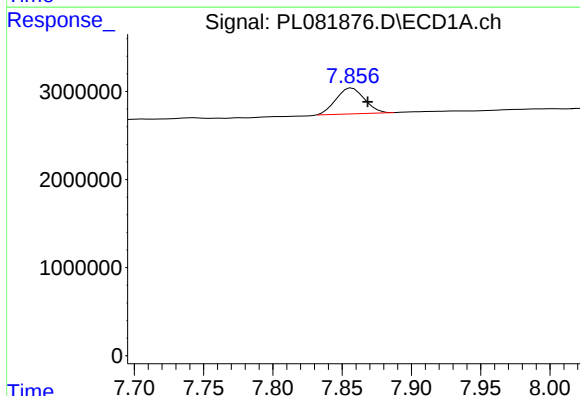
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2023
Supervised By :Ankita Jodhani 04/07/2023



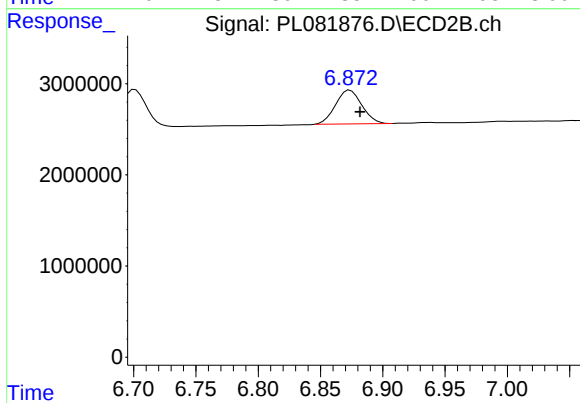
#21 Endrin ketone

R.T.: 6.701 min
Delta R.T.: -0.009 min
Response: 5833023
Conc: 2.73 ng/ml



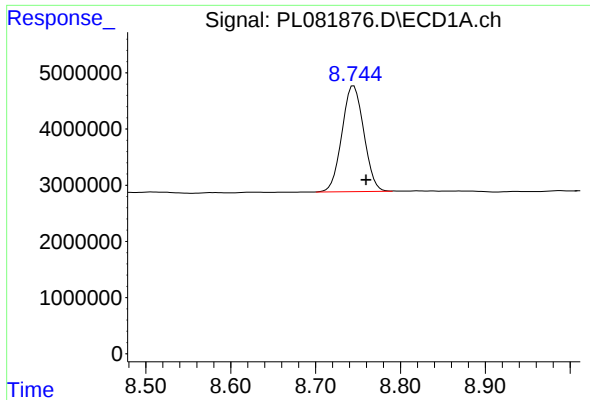
#22 Mirex

R.T.: 7.857 min
Delta R.T.: -0.011 min
Response: 4208651
Conc: 2.46 ng/ml



#22 Mirex

R.T.: 6.874 min
Delta R.T.: -0.008 min
Response: 5458504
Conc: 2.84 ng/ml



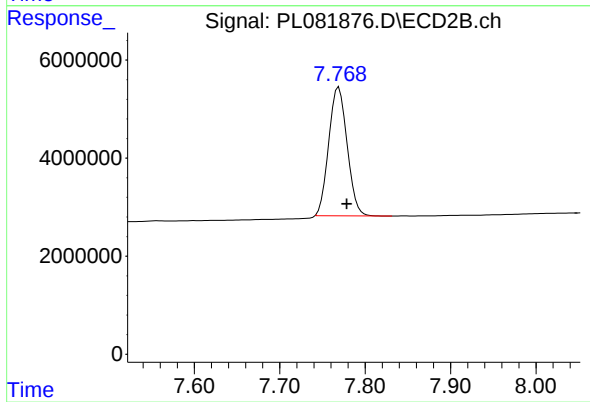
#28 Decachlorobiphenyl

R.T.: 8.745 min
Delta R.T.: -0.015 min
Response: 33636033
Conc: 18.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: -0.009 min
Response: 39368750
Conc: 19.85 ng/ml