

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041023\
 Data File : PL081943.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2023 12:09
 Operator : AR\AJ
 Sample : 02213-03
 Misc : PEST MDL 1PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-SOIL-03-QT2-2023

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/11/2023
 Supervised By : Ankita Jodhani 04/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 22:40:13 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	2.654	42714680	35467405	18.365	17.768
28) SA Decachlor...	8.747	7.769	33673439	38270651	18.816	19.297
Target Compounds						
2) A alpha-BHC	3.776	3.151	2867925	2783482	0.837	0.955
3) MA gamma-BHC...	4.104	3.479	2631838	2772840	0.828	0.996
4) MA Heptachlor	4.684	3.813	2897396	2443594	0.919	0.852
5) MB Aldrin	5.021	4.090	2921808	2362069	1.022	0.887
6) B beta-BHC	4.306	3.777	2024608	1043070	1.345m	0.876m#
7) B delta-BHC	4.546	4.006	3217293	2116316	1.059m	0.818
8) B Heptachlo...	5.445	4.592	2546994	2624941	0.936m	1.081
9) A Endosulfan I	5.826	4.959	2167287	2284826	0.877m	1.035
10) B gamma-Chl...	5.701	4.841	2831550	2610905	1.079	1.074
11) B alpha-Chl...	5.779	4.904	2789339	2532287	1.078	1.043
12) B 4,4'-DDE	5.957	5.094	2068453	1711947	0.918	0.869
13) MA Dieldrin	6.102	5.223	2387400	2125795	0.986	0.945
14) MA Endrin	6.329	5.498	2371808	1971073	1.121	0.974
15) B Endosulfa...	6.549	5.792	2977848	2042855	1.403	1.126m
16) A 4,4'-DDD	6.471	5.648	1434425	1332152	0.795m	0.878
17) MA 4,4'-DDT	6.784	5.898	2014840	1658305	0.993	0.962
18) B Endrin al...	6.681	5.974	1933637	1824390	1.182	1.175
19) B Endosulfa...	6.915	6.197	2373368	2013631	1.139	1.035
20) A Methoxychlor	7.265	6.477	1198042	1077388	1.112	1.082
21) B Endrin ke...	7.394	6.702	2074448	2445327	0.990	1.144
22) Mirex	7.859	6.874	1869245	1812668	1.091	0.944

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041023\
Data File : PL081943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2023 12:09
Operator : AR\AJ
Sample : 02213-03
Misc : PEST MDL 1PPB
ALS Vial : 9 Sample Multiplier: 1

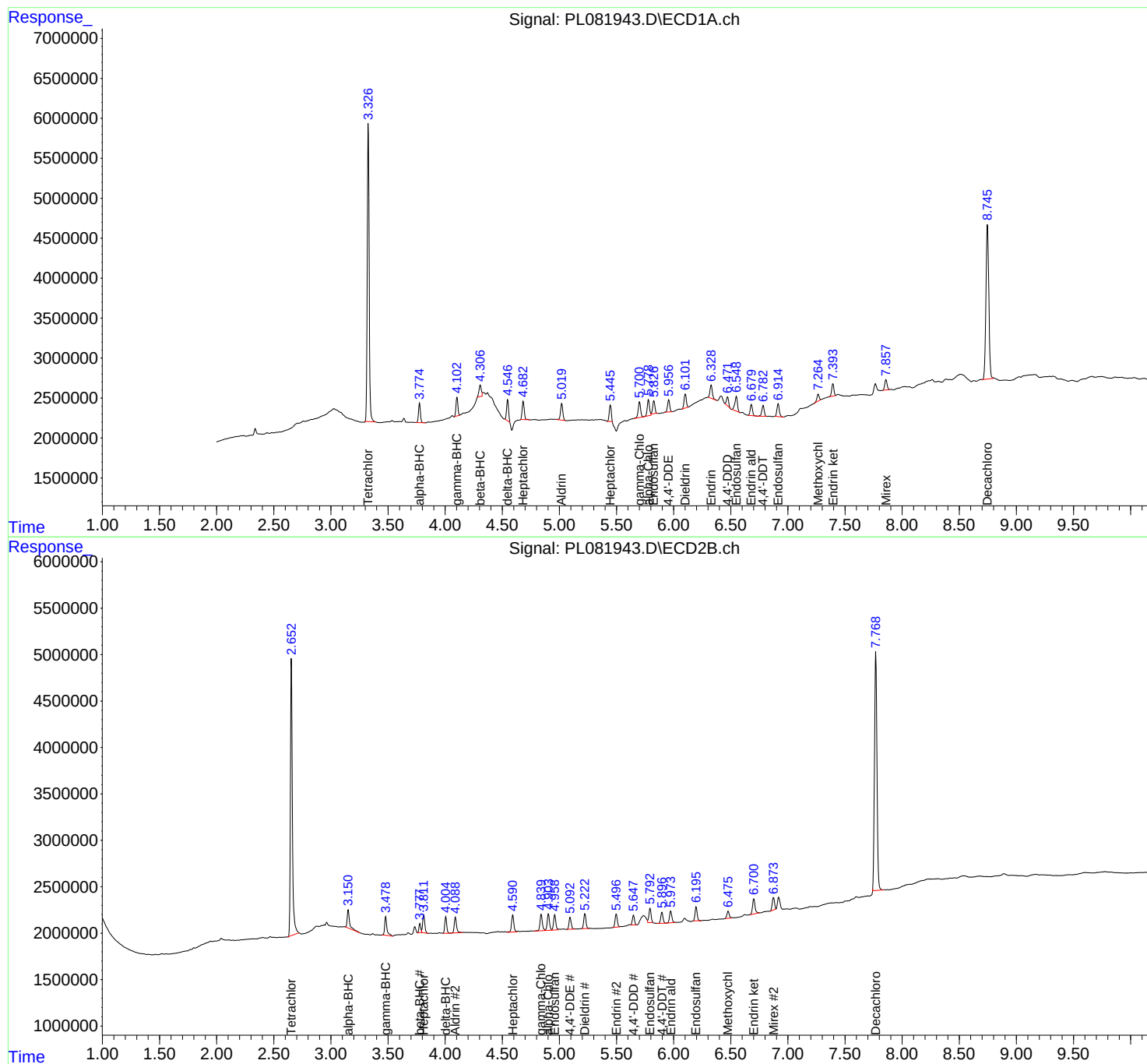
Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2023

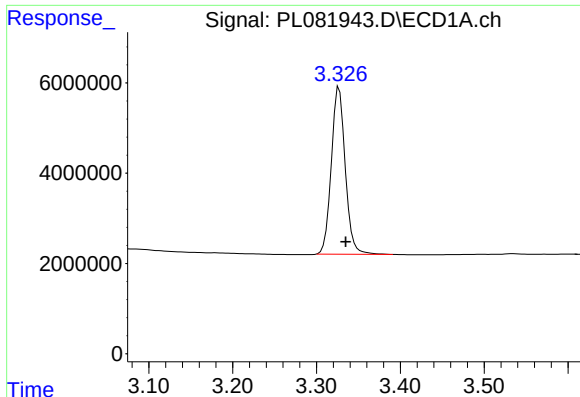
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 22:40:13 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





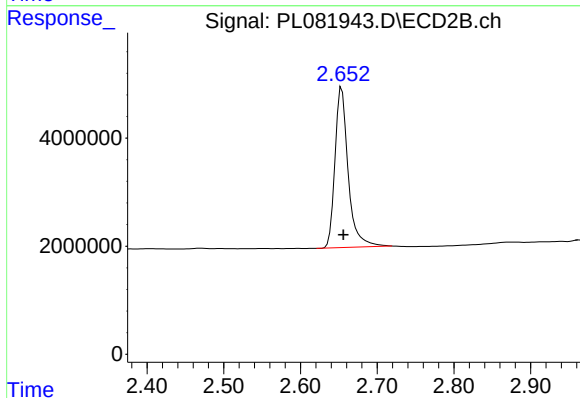
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: -0.008 min
Response: 42714680
Conc: 18.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2023

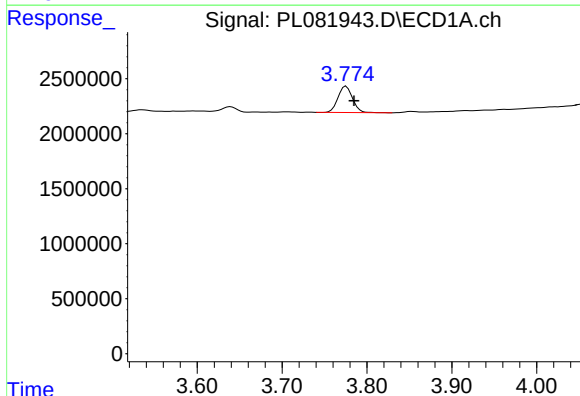
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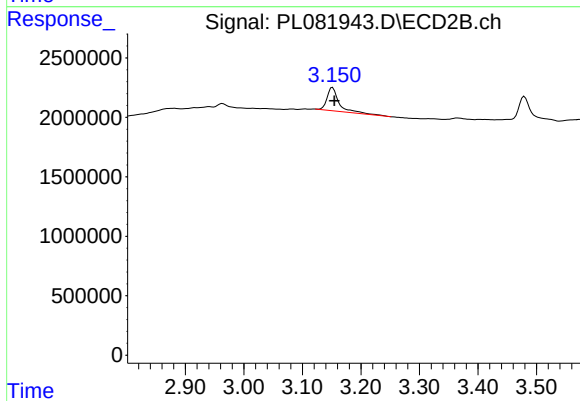
#1 Tetrachloro-m-xylene

R.T.: 2.654 min
Delta R.T.: -0.002 min
Response: 35467405
Conc: 17.77 ng/ml



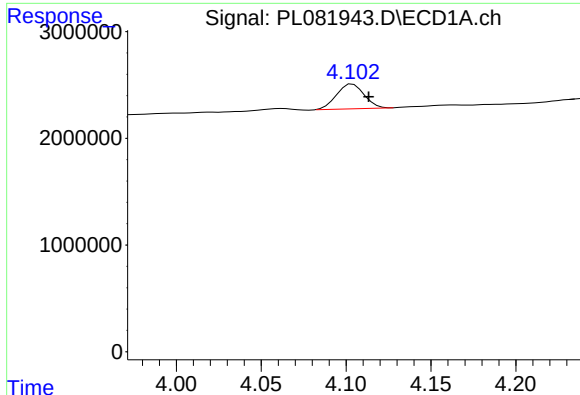
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.009 min
Response: 2867925
Conc: 0.84 ng/ml



#2 alpha-BHC

R.T.: 3.151 min
Delta R.T.: -0.003 min
Response: 2783482
Conc: 0.95 ng/ml



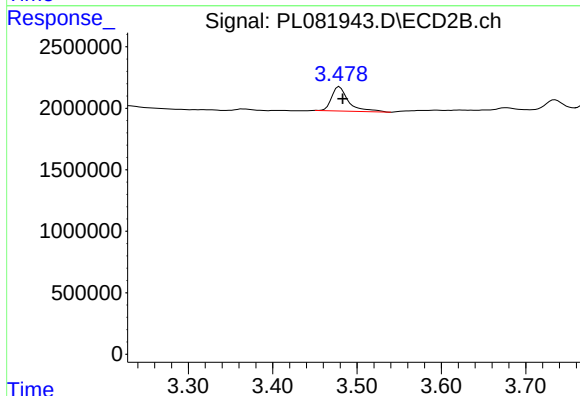
#3 gamma-BHC (Lindane)

R.T.: 4.104 min
Delta R.T.: -0.009 min
Response: 2631838
Conc: 0.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2023

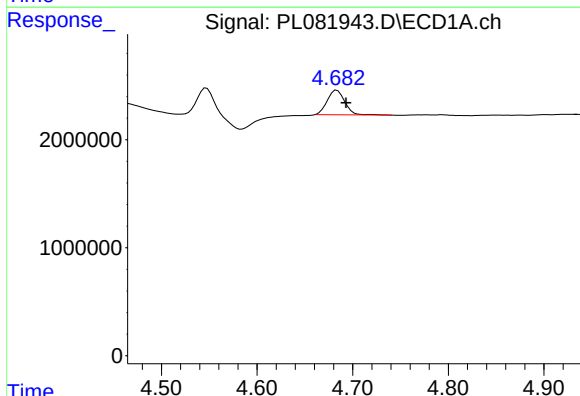
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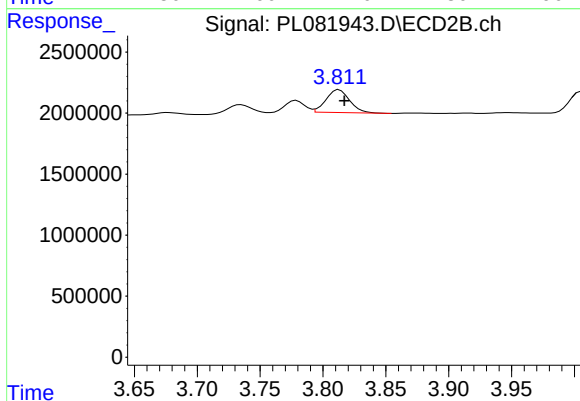
#3 gamma-BHC (Lindane)

R.T.: 3.479 min
Delta R.T.: -0.004 min
Response: 2772840
Conc: 1.00 ng/ml



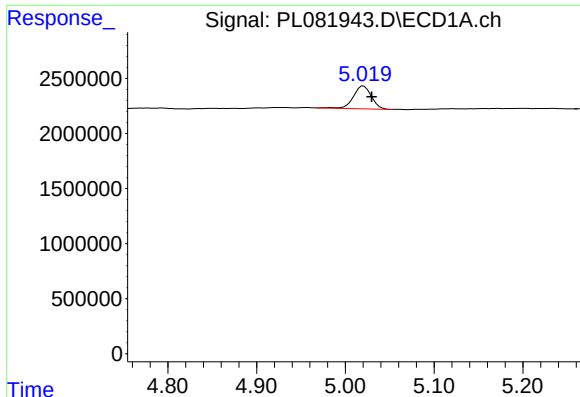
#4 Heptachlor

R.T.: 4.684 min
Delta R.T.: -0.010 min
Response: 2897396
Conc: 0.92 ng/ml



#4 Heptachlor

R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 2443594
Conc: 0.85 ng/ml



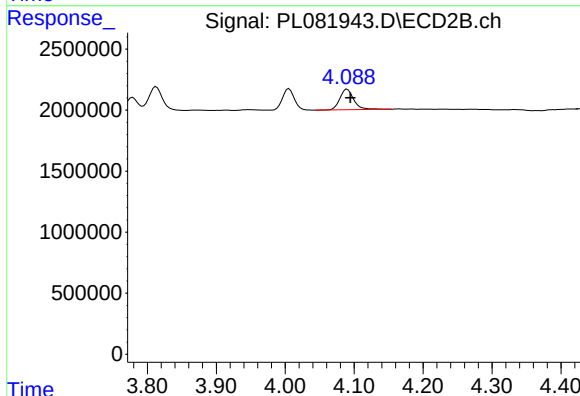
#5 Aldrin

R.T.: 5.021 min
Delta R.T.: -0.009 min
Response: 2921808
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2023

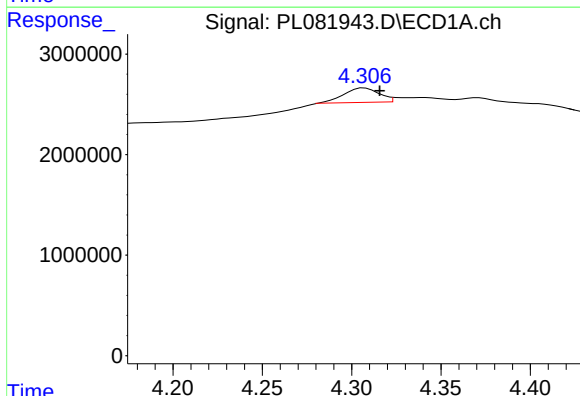
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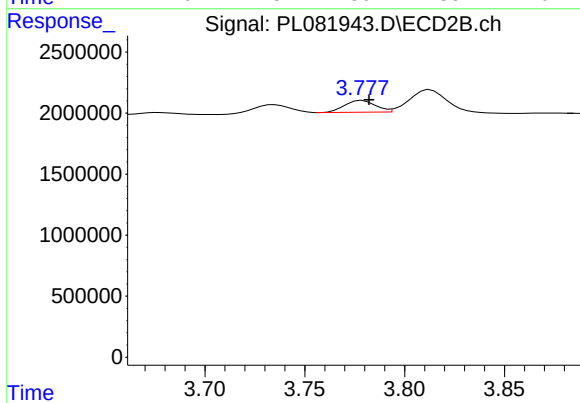
#5 Aldrin

R.T.: 4.090 min
Delta R.T.: -0.005 min
Response: 2362069
Conc: 0.89 ng/ml



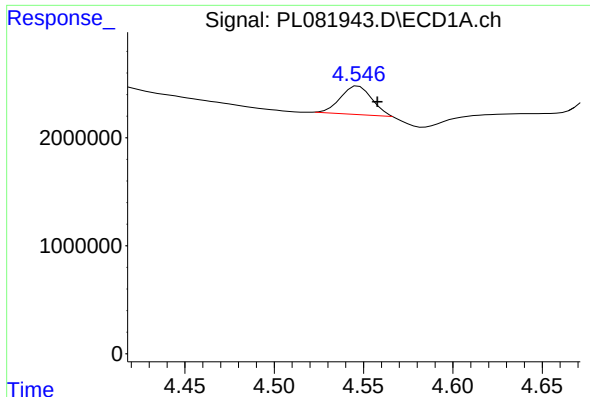
#6 beta-BHC

R.T.: 4.306 min
Delta R.T.: -0.010 min
Response: 2024608
Conc: 1.35 ng/ml m



#6 beta-BHC

R.T.: 3.777 min
Delta R.T.: -0.005 min
Response: 1043070
Conc: 0.88 ng/ml m



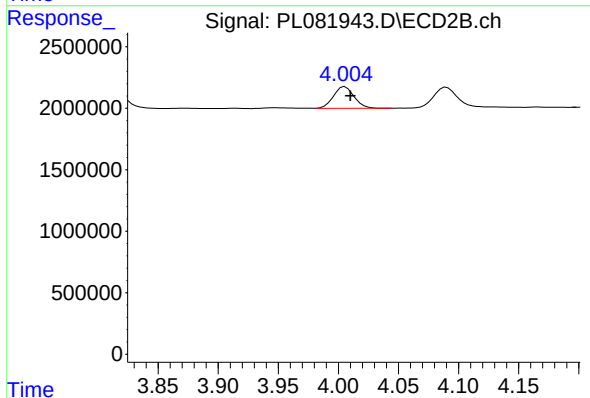
#7 delta-BHC

R.T.: 4.546 min
Delta R.T.: -0.012 min
Response: 3217293
Conc: 1.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2023

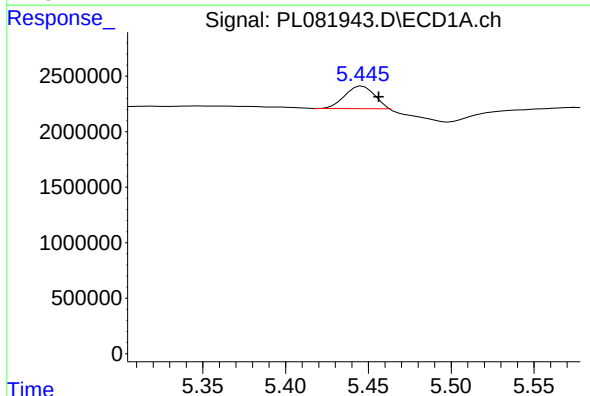
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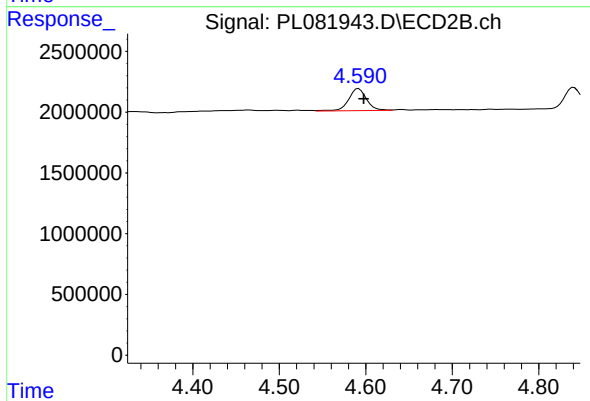
#7 delta-BHC

R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 2116316
Conc: 0.82 ng/ml



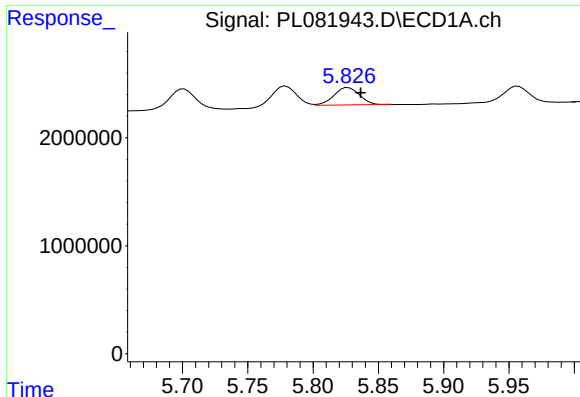
#8 Heptachlor epoxide

R.T.: 5.445 min
Delta R.T.: -0.011 min
Response: 2546994
Conc: 0.94 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.592 min
Delta R.T.: -0.006 min
Response: 2624941
Conc: 1.08 ng/ml



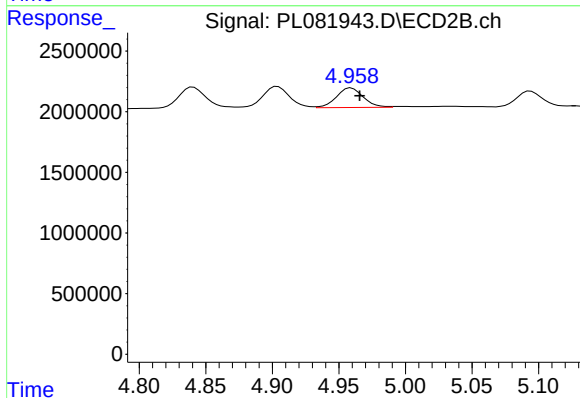
#9 Endosulfan I

R.T.: 5.826 min
Delta R.T.: -0.011 min
Response: 2167287
Conc: 0.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2023

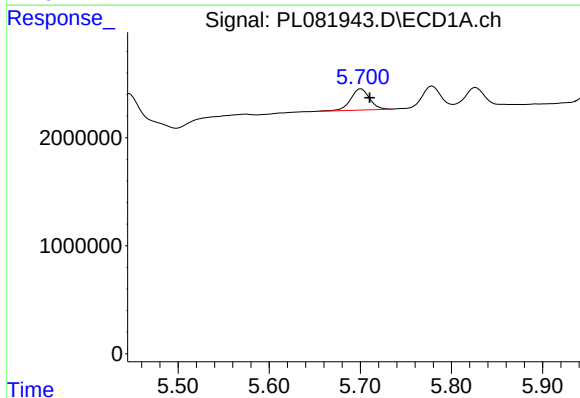
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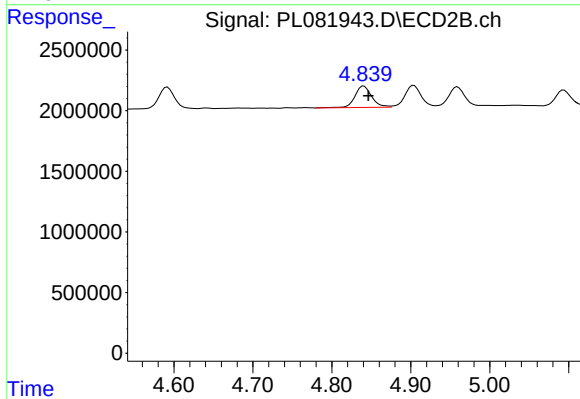
#9 Endosulfan I

R.T.: 4.959 min
Delta R.T.: -0.006 min
Response: 2284826
Conc: 1.03 ng/ml



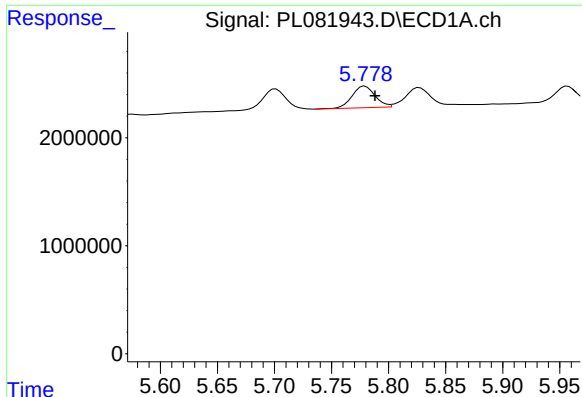
#10 gamma-Chlordane

R.T.: 5.701 min
Delta R.T.: -0.009 min
Response: 2831550
Conc: 1.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.841 min
Delta R.T.: -0.006 min
Response: 2610905
Conc: 1.07 ng/ml



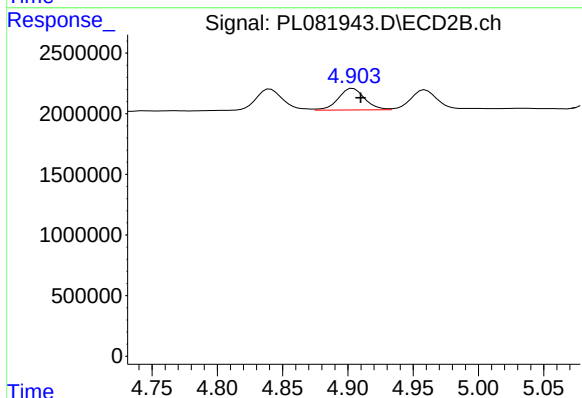
#11 alpha-Chlordane

R.T.: 5.779 min
Delta R.T.: -0.009 min
Response: 2789339
Conc: 1.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2023

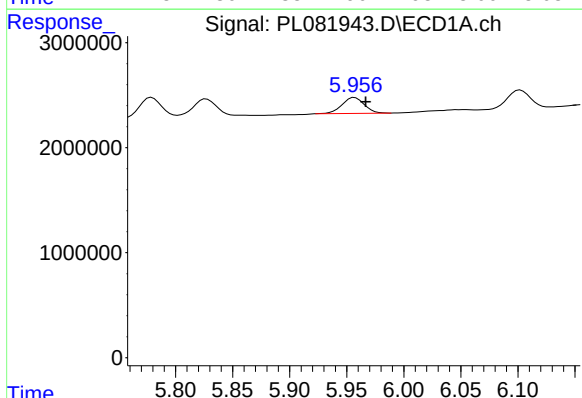
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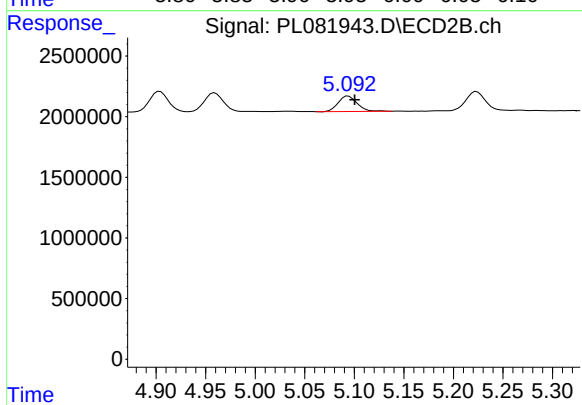
#11 alpha-Chlordane

R.T.: 4.904 min
Delta R.T.: -0.006 min
Response: 2532287
Conc: 1.04 ng/ml



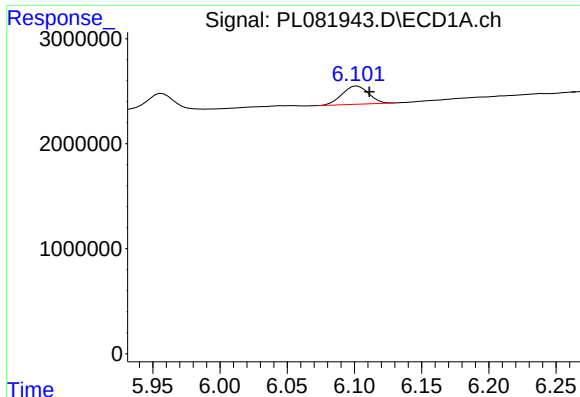
#12 4,4'-DDE

R.T.: 5.957 min
Delta R.T.: -0.010 min
Response: 2068453
Conc: 0.92 ng/ml



#12 4,4'-DDE

R.T.: 5.094 min
Delta R.T.: -0.007 min
Response: 1711947
Conc: 0.87 ng/ml



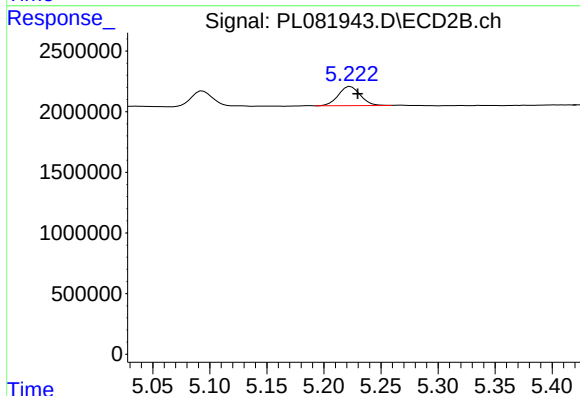
#13 Dieldrin

R.T.: 6.102 min
Delta R.T.: -0.009 min
Response: 2387400
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2023

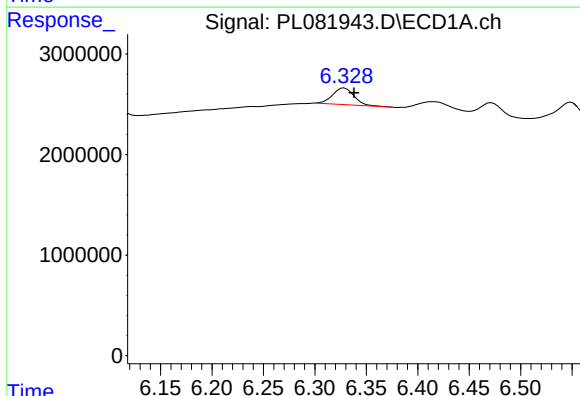
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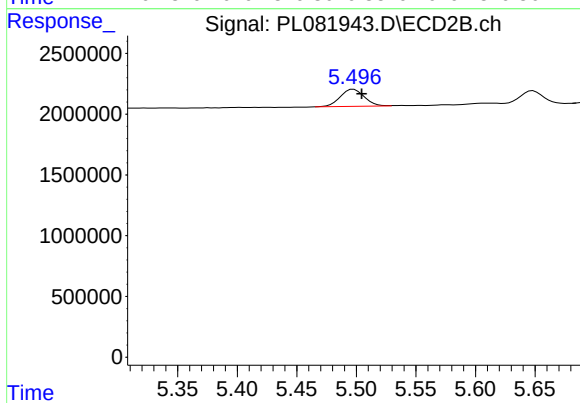
#13 Dieldrin

R.T.: 5.223 min
Delta R.T.: -0.006 min
Response: 2125795
Conc: 0.95 ng/ml



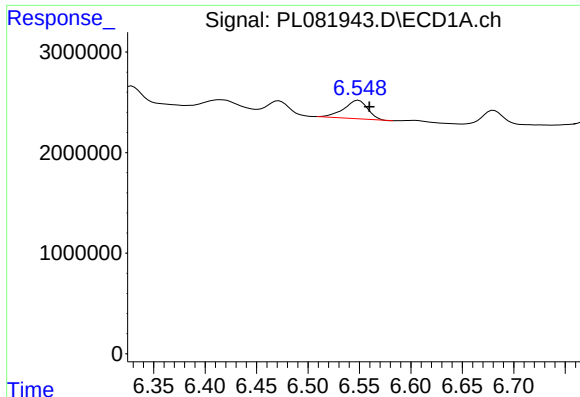
#14 Endrin

R.T.: 6.329 min
Delta R.T.: -0.010 min
Response: 2371808
Conc: 1.12 ng/ml



#14 Endrin

R.T.: 5.498 min
Delta R.T.: -0.007 min
Response: 1971073
Conc: 0.97 ng/ml



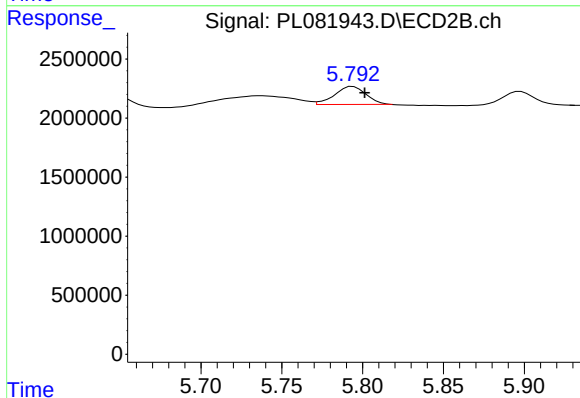
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: -0.011 min
Response: 2977848
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2023

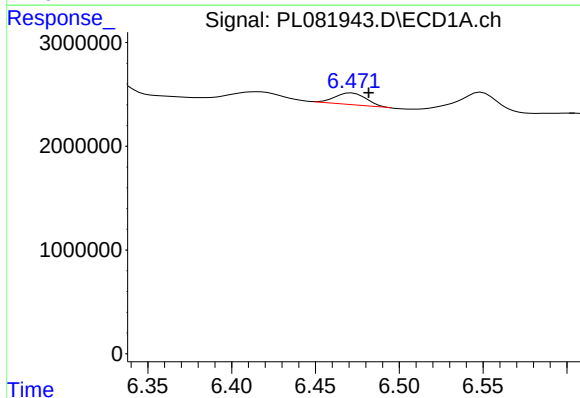
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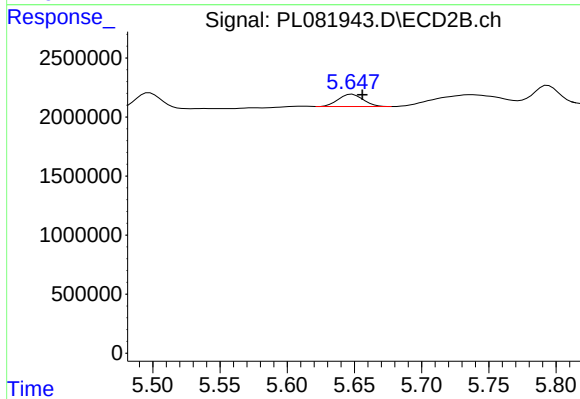
#15 Endosulfan II

R.T.: 5.792 min
Delta R.T.: -0.009 min
Response: 2042855
Conc: 1.13 ng/ml m



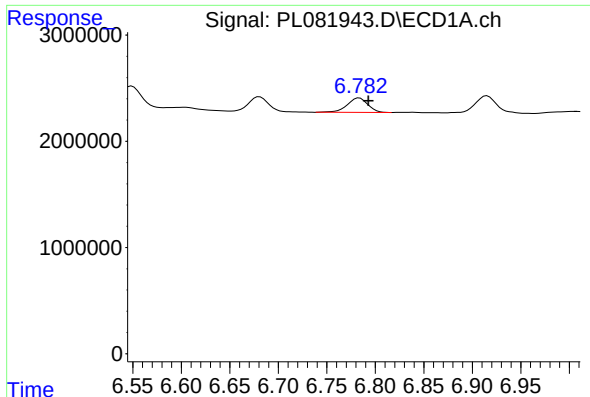
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: -0.011 min
Response: 1434425
Conc: 0.80 ng/ml m



#16 4,4'-DDD

R.T.: 5.648 min
Delta R.T.: -0.007 min
Response: 1332152
Conc: 0.88 ng/ml



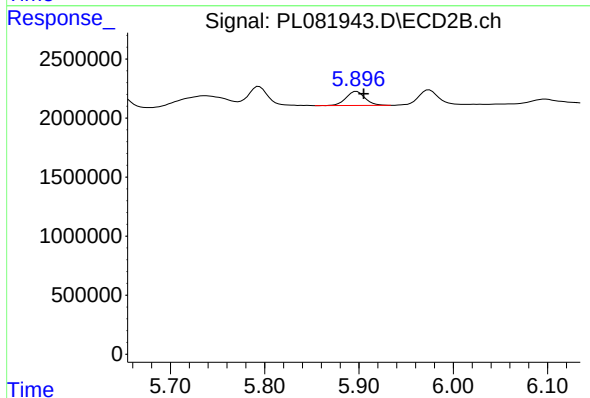
#17 4,4'-DDT

R.T.: 6.784 min
Delta R.T.: -0.009 min
Response: 2014840
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2023

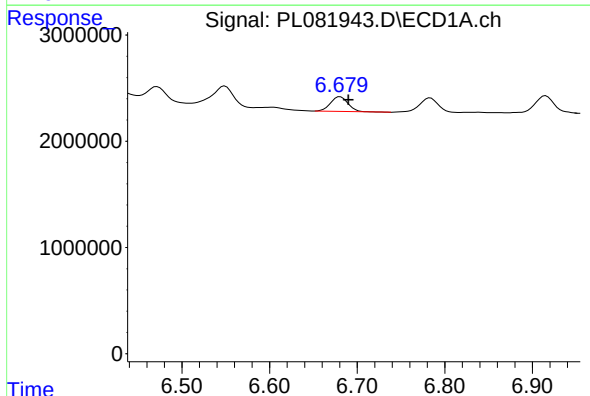
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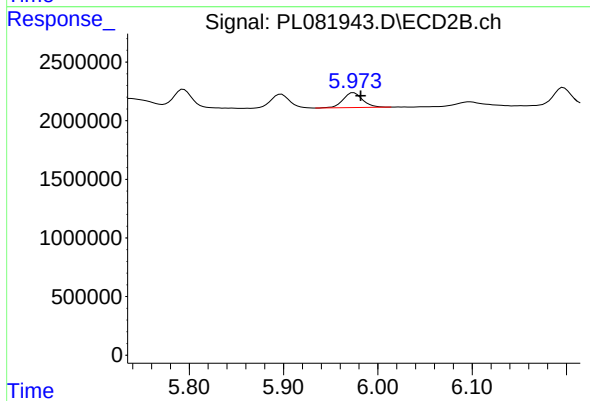
#17 4,4'-DDT

R.T.: 5.898 min
Delta R.T.: -0.007 min
Response: 1658305
Conc: 0.96 ng/ml



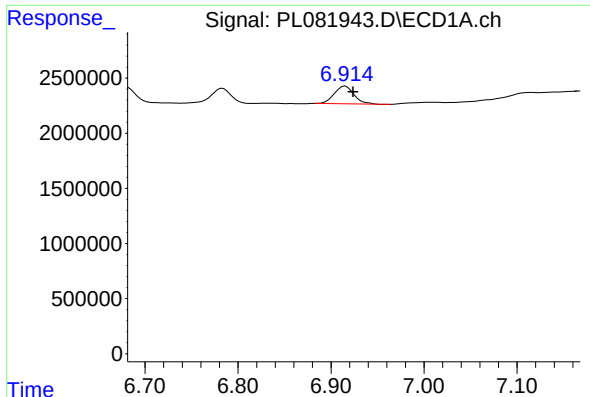
#18 Endrin aldehyde

R.T.: 6.681 min
Delta R.T.: -0.009 min
Response: 1933637
Conc: 1.18 ng/ml



#18 Endrin aldehyde

R.T.: 5.974 min
Delta R.T.: -0.007 min
Response: 1824390
Conc: 1.17 ng/ml



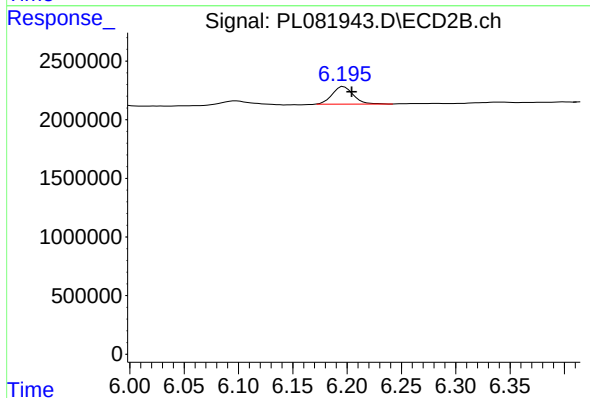
#19 Endosulfan Sulfate

R.T.: 6.915 min
Delta R.T.: -0.008 min
Response: 2373368
Conc: 1.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2023

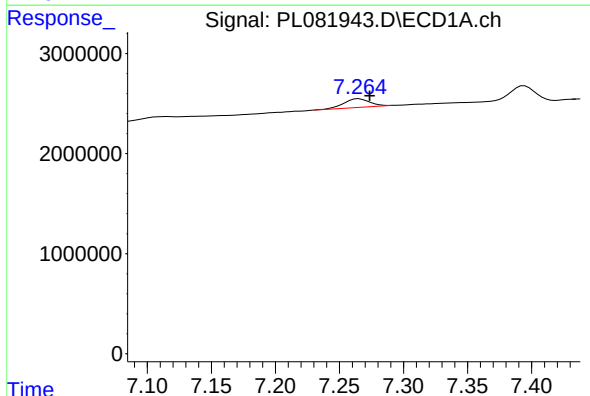
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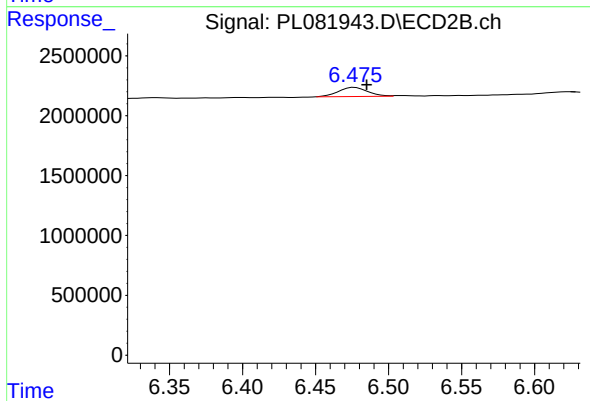
#19 Endosulfan Sulfate

R.T.: 6.197 min
Delta R.T.: -0.008 min
Response: 2013631
Conc: 1.03 ng/ml



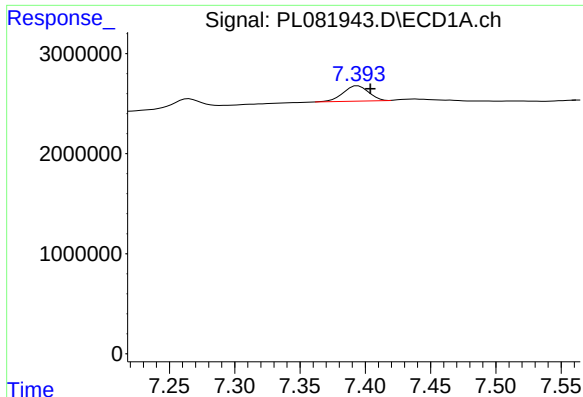
#20 Methoxychlor

R.T.: 7.265 min
Delta R.T.: -0.008 min
Response: 1198042
Conc: 1.11 ng/ml



#20 Methoxychlor

R.T.: 6.477 min
Delta R.T.: -0.008 min
Response: 1077388
Conc: 1.08 ng/ml



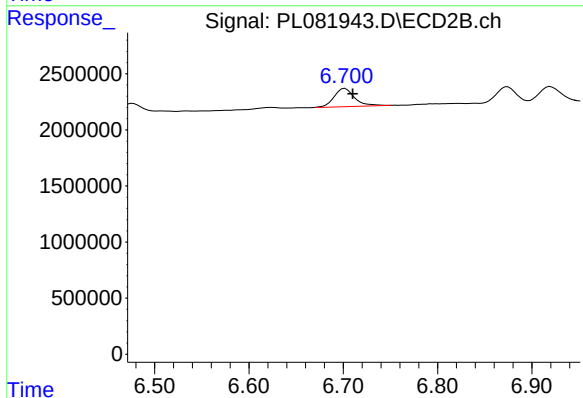
#21 Endrin ketone

R.T.: 7.394 min
Delta R.T.: -0.010 min
Response: 2074448
Conc: 0.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2023

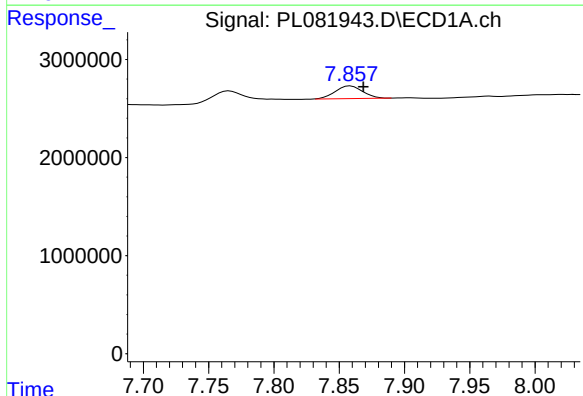
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Reviewed By :Abdul Mirza 04/11/2023
Supervised By :Ankita Jodhani 04/11/2023



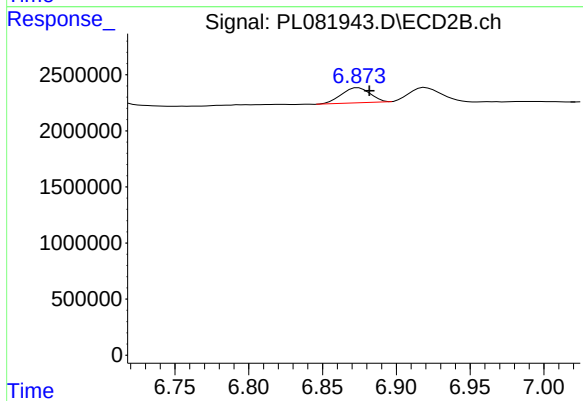
#21 Endrin ketone

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 2445327
Conc: 1.14 ng/ml



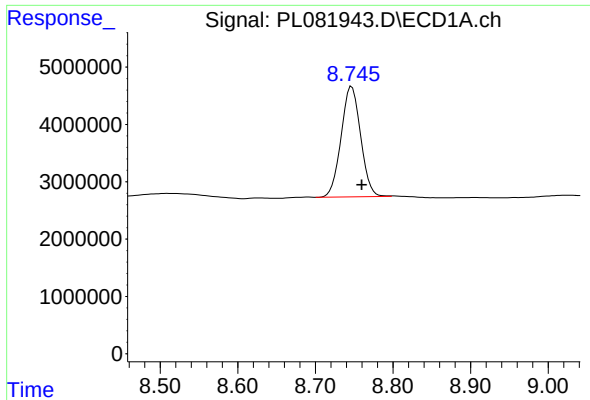
#22 Mirex

R.T.: 7.859 min
Delta R.T.: -0.010 min
Response: 1869245
Conc: 1.09 ng/ml



#22 Mirex

R.T.: 6.874 min
Delta R.T.: -0.007 min
Response: 1812668
Conc: 0.94 ng/ml



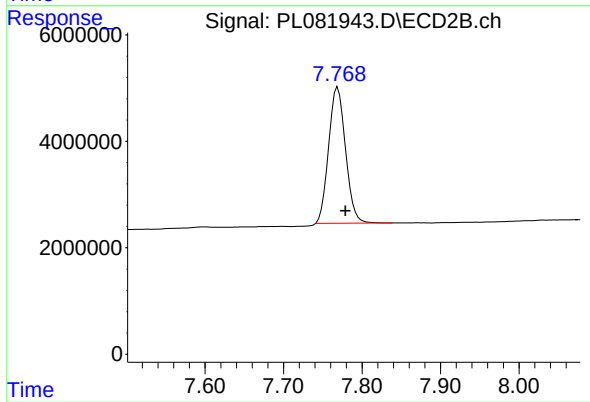
#28 Decachlorobiphenyl

R.T.: 8.747 min
Delta R.T.: -0.013 min
Response: 33673439
Conc: 18.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-SOIL-03-QT2-2023

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: -0.010 min
Response: 38270651
Conc: 19.30 ng/ml