

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060223\
 Data File : PL083175.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2023 11:54
 Operator : AR\AJ
 Sample : 02213-01
 Misc : PEST LOD 1PPB
 ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 05:05:16 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	54801231	49242806	18.646	18.968
28)	SA Decachlor...	8.735	7.741	46114099	53419727	21.987	21.484
Target Compounds							
2)	A alpha-BHC	3.765	3.130	2907629	2335731	0.655	0.626
3)	MA gamma-BHC...	4.093	3.456	2714732	3289320	0.655	0.987 #
4)	MA Heptachlor	4.671	3.788	3035565	2689498	0.794	0.735
5)	MB Aldrin	5.007	4.064	2602993	2485654	0.740	0.764
6)	B beta-BHC	4.297	3.758	1769458	1116893	0.940	0.781
7)	B delta-BHC	4.538	3.982	5365386	2128261	1.560	0.650 #
8)	B Heptachlo...	5.434	4.565	3963185	2454023	1.239	0.827 #
9)	A Endosulfan I	5.813	4.932	2624532	2163021	0.875m	0.774
10)	B gamma-Chl...	5.688	4.814	2606127	2659811	0.820m	0.886
11)	B alpha-Chl...	5.765	4.876	2490410	2438300	0.776m	0.812
12)	B 4,4'-DDE	5.945	5.067	2303741	1789520	0.836	0.737
13)	MA Dieldrin	6.090	5.196	2559255	2172549	0.851	0.770
14)	MA Endrin	6.318	5.470	2244328	2155155	0.835	0.850
15)	B Endosulfa...	6.527f	5.765	19840900	4731891	3.539	1.912 #
16)	A 4,4'-DDD	6.461	5.620	1533408	1360223	0.706m	0.707m
17)	MA 4,4'-DDT	6.770	5.869	4071751	1618684	1.627	0.726 #
18)	B Endrin al...	6.670	5.951	1940637	3682111	0.965	1.862 #
19)	B Endosulfa...	6.904	6.170	2192195	2185827	0.855	0.893
20)	A Methoxychlor	7.254	6.449	1320971	1065321	0.999	0.838
21)	B Endrin ke...	7.384	6.674	2039409	2196861	0.800	0.812
22)	Mirex	7.849	6.846	1996368	1960905	0.952	0.838

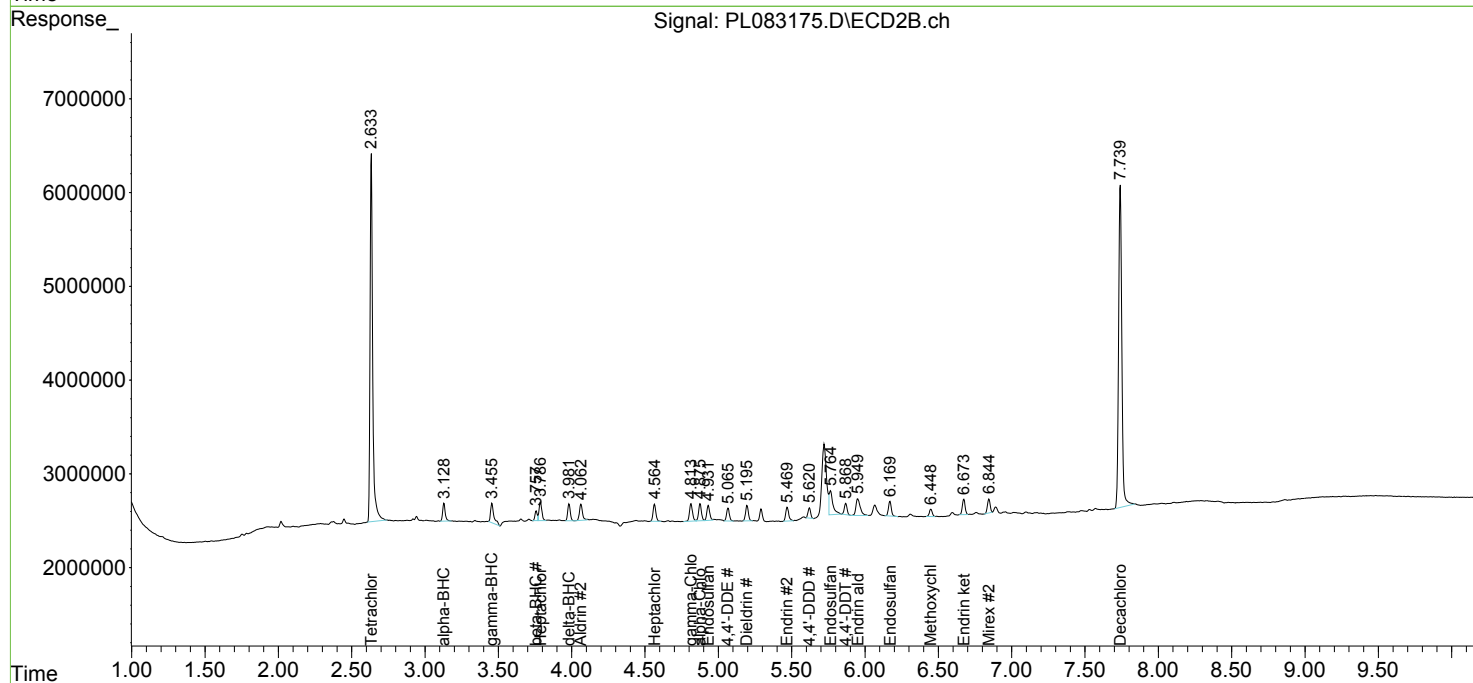
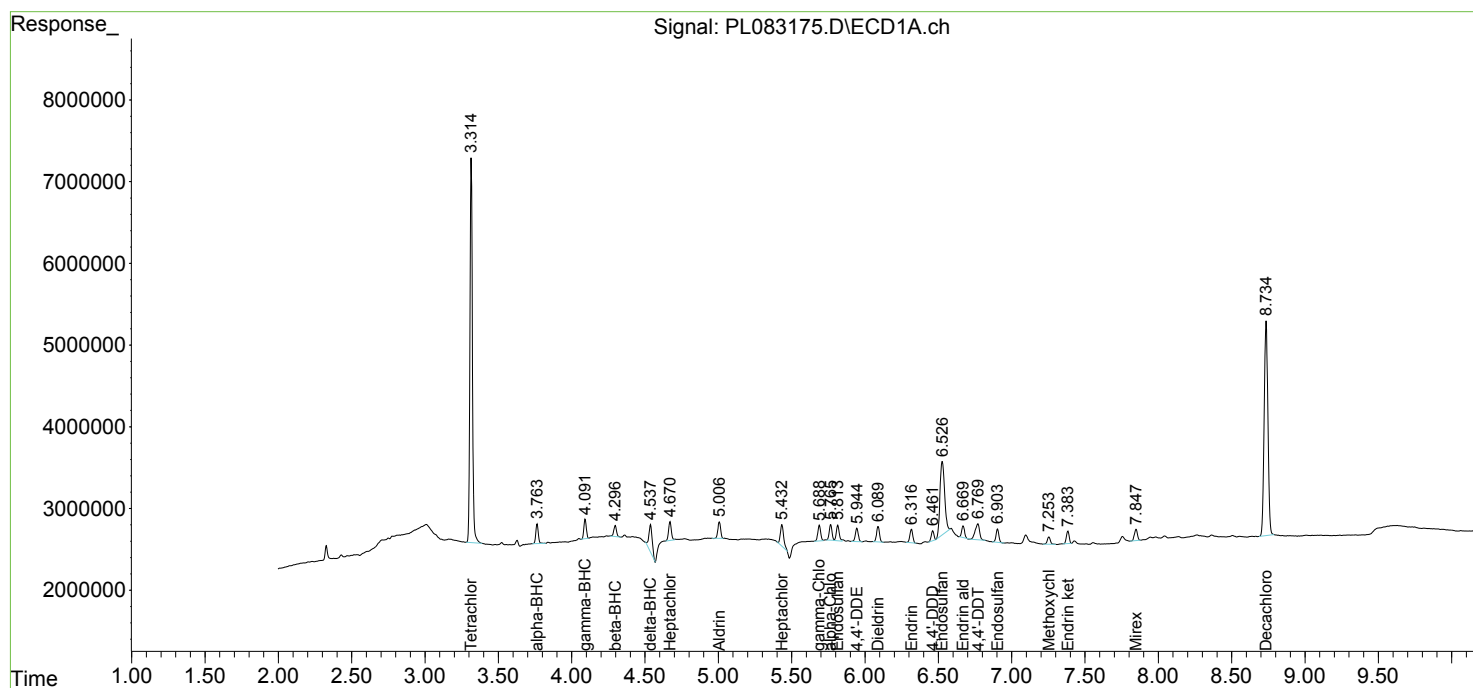
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

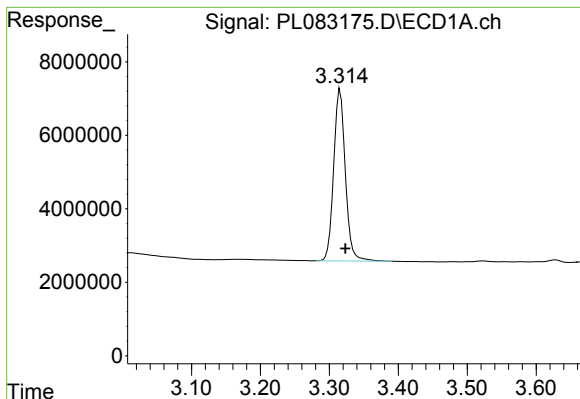
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060223\
Data File : PL083175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2023 11:54
Operator : AR\AJ
Sample : 02213-01
Misc : PEST LOD 1PPB
ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 03 05:05:16 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

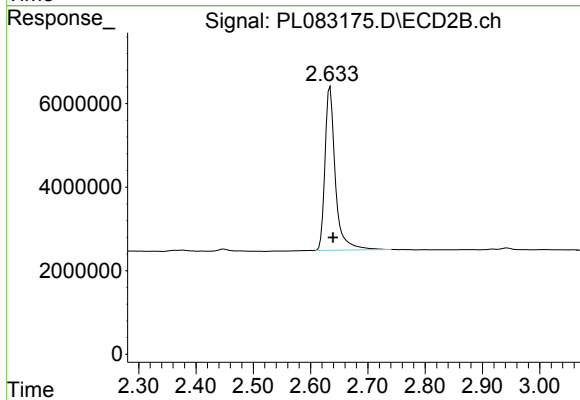




#1 Tetrachloro-m-xylene

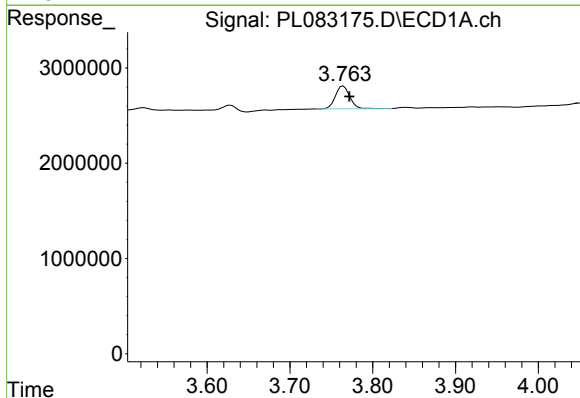
R.T.: 3.316 min
Delta R.T.: -0.007 min
Response: 54801231
Conc: 18.65 ng/ml

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



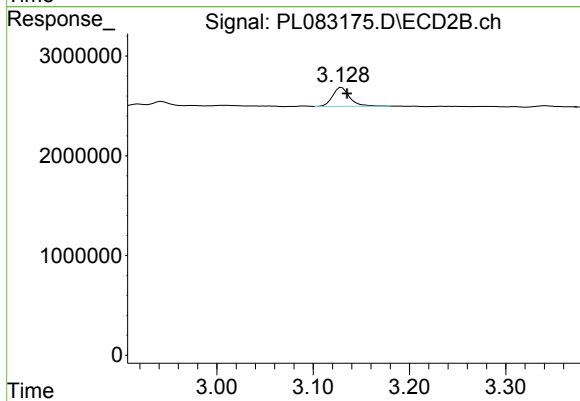
#1 Tetrachloro-m-xylene

R.T.: 2.634 min
Delta R.T.: -0.005 min
Response: 49242806
Conc: 18.97 ng/ml



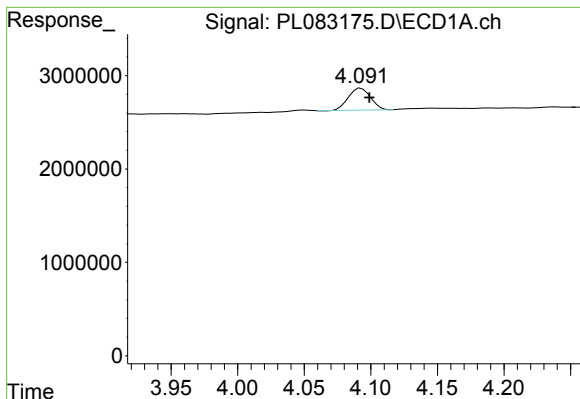
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: -0.007 min
Response: 2907629
Conc: 0.65 ng/ml



#2 alpha-BHC

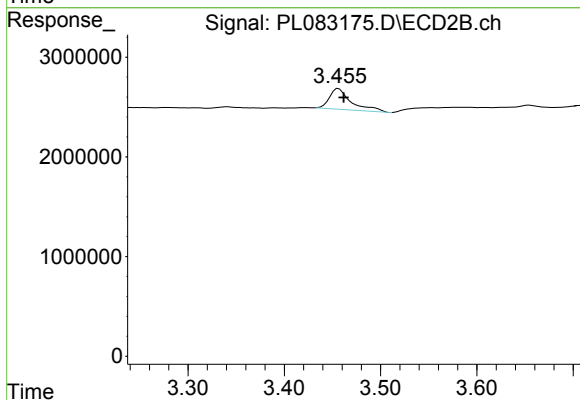
R.T.: 3.130 min
Delta R.T.: -0.005 min
Response: 2335731
Conc: 0.63 ng/ml



#3 gamma-BHC (Lindane)

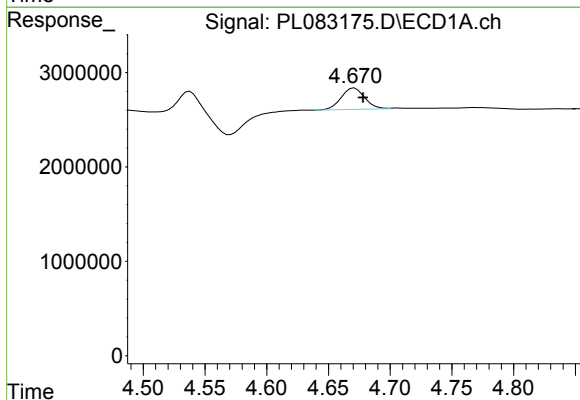
R.T.: 4.093 min
Delta R.T.: -0.006 min
Response: 2714732
Conc: 0.66 ng/ml

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



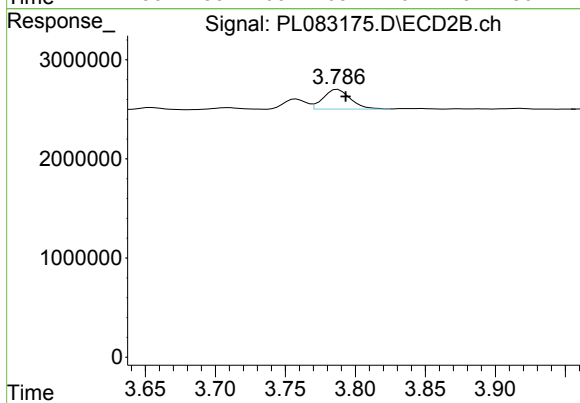
#3 gamma-BHC (Lindane)

R.T.: 3.456 min
Delta R.T.: -0.005 min
Response: 3289320
Conc: 0.99 ng/ml



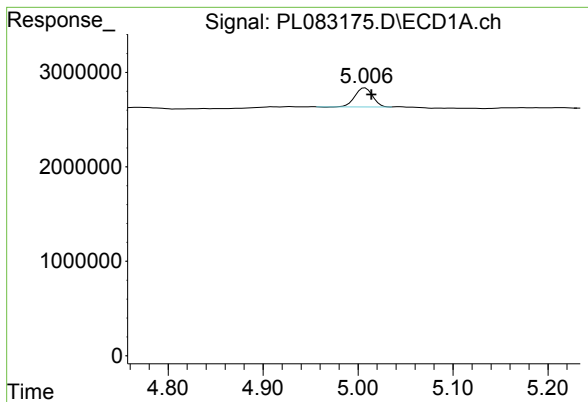
#4 Heptachlor

R.T.: 4.671 min
Delta R.T.: -0.007 min
Response: 3035565
Conc: 0.79 ng/ml



#4 Heptachlor

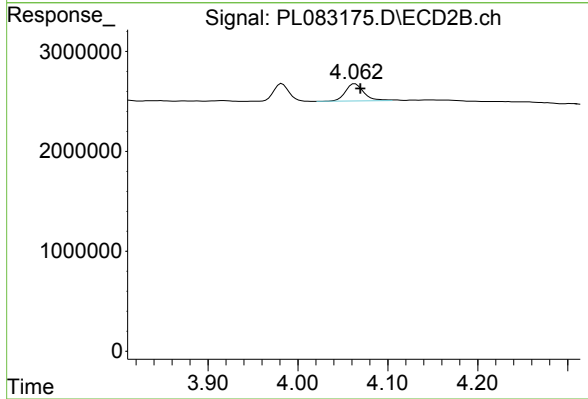
R.T.: 3.788 min
Delta R.T.: -0.006 min
Response: 2689498
Conc: 0.73 ng/ml



#5 Aldrin

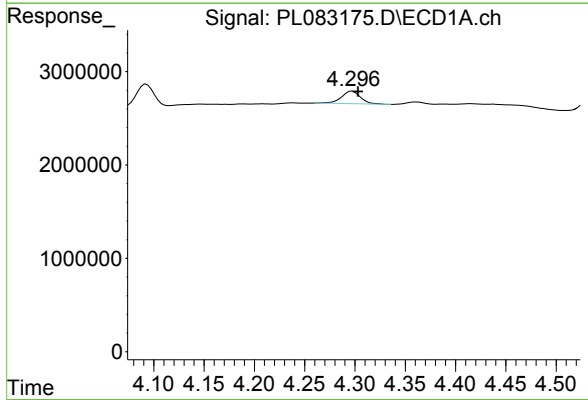
R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 2602993
Conc: 0.74 ng/ml

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



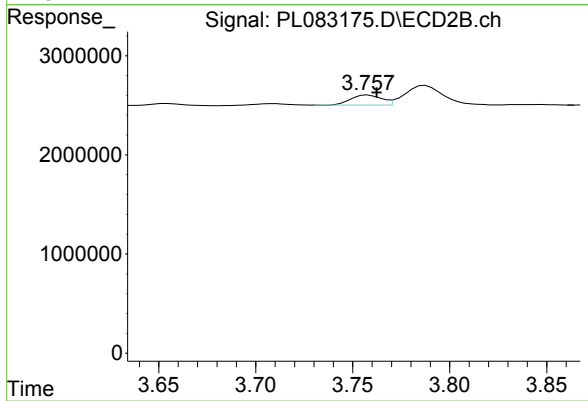
#5 Aldrin

R.T.: 4.064 min
Delta R.T.: -0.006 min
Response: 2485654
Conc: 0.76 ng/ml



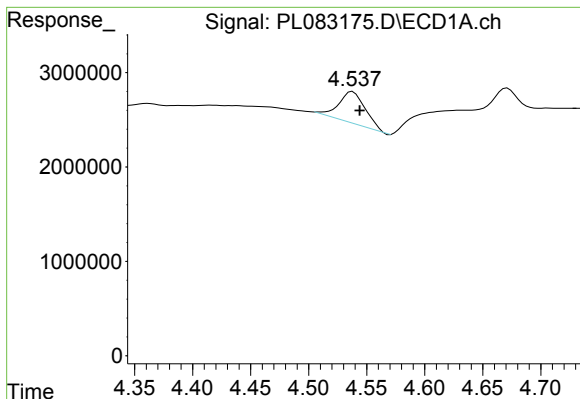
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 1769458
Conc: 0.94 ng/ml



#6 beta-BHC

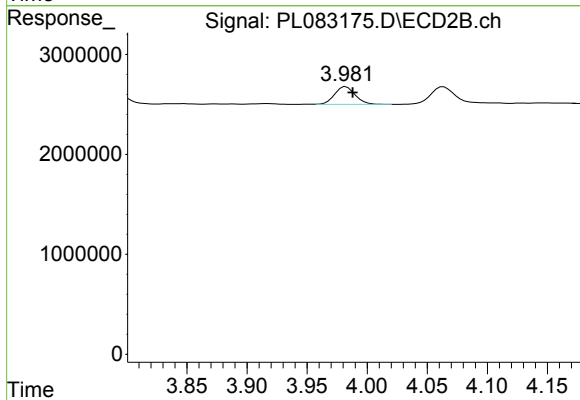
R.T.: 3.758 min
Delta R.T.: -0.004 min
Response: 1116893
Conc: 0.78 ng/ml



#7 delta-BHC

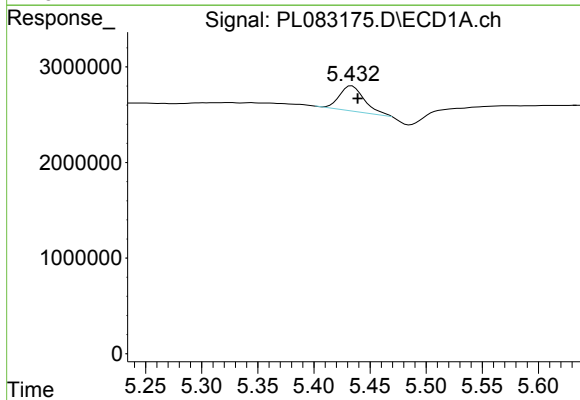
R.T.: 4.538 min
Delta R.T.: -0.006 min
Response: 5365386
Conc: 1.56 ng/ml

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



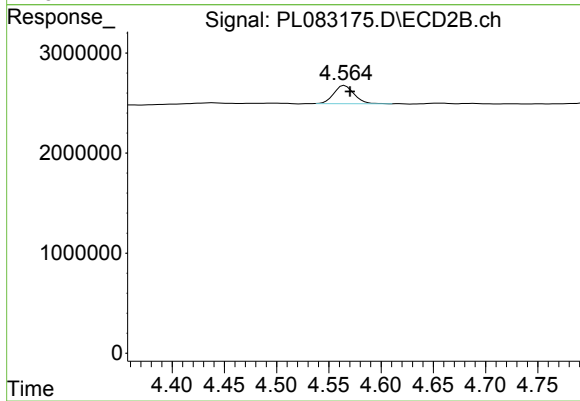
#7 delta-BHC

R.T.: 3.982 min
Delta R.T.: -0.006 min
Response: 2128261
Conc: 0.65 ng/ml



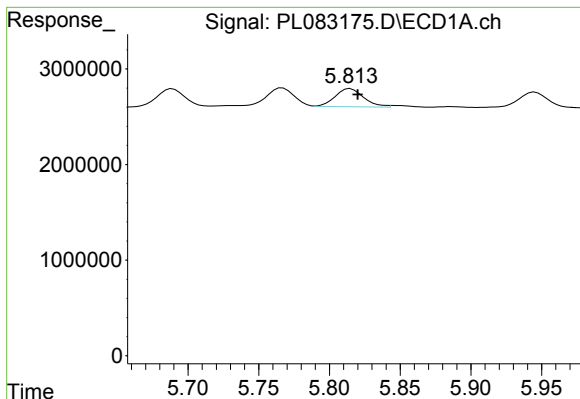
#8 Heptachlor epoxide

R.T.: 5.434 min
Delta R.T.: -0.005 min
Response: 3963185
Conc: 1.24 ng/ml



#8 Heptachlor epoxide

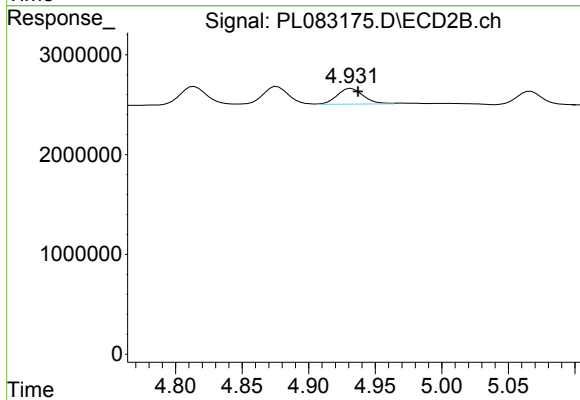
R.T.: 4.565 min
Delta R.T.: -0.005 min
Response: 2454023
Conc: 0.83 ng/ml



#9 Endosulfan I

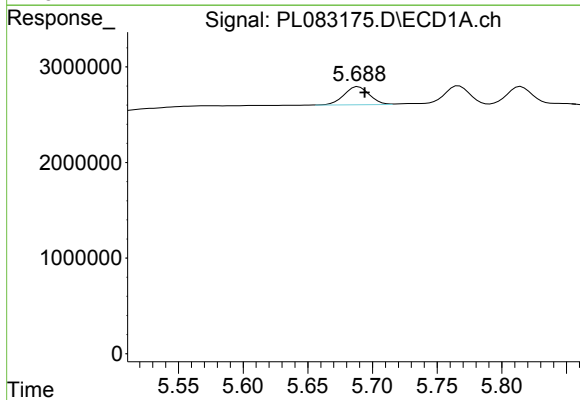
R.T.: 5.813 min
Delta R.T.: -0.007 min
Response: 2624532
Conc: 0.87 ng/ml

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



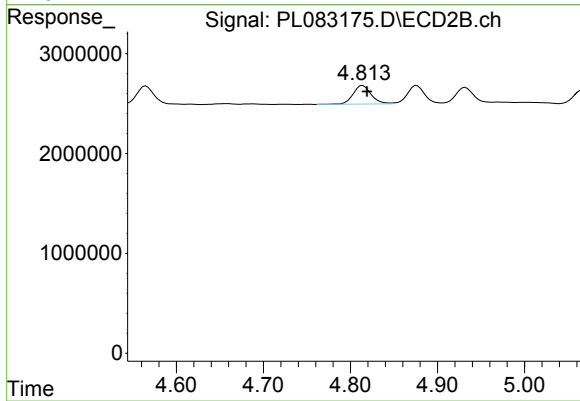
#9 Endosulfan I

R.T.: 4.932 min
Delta R.T.: -0.005 min
Response: 2163021
Conc: 0.77 ng/ml



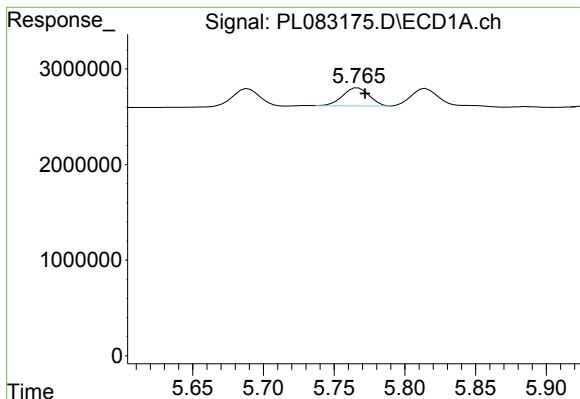
#10 gamma-Chlordane

R.T.: 5.688 min
Delta R.T.: -0.006 min
Response: 2606127
Conc: 0.82 ng/ml m



#10 gamma-Chlordane

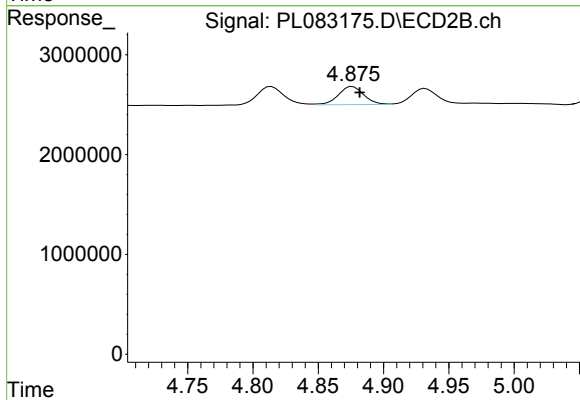
R.T.: 4.814 min
Delta R.T.: -0.005 min
Response: 2659811
Conc: 0.89 ng/ml



#11 alpha-Chlordane

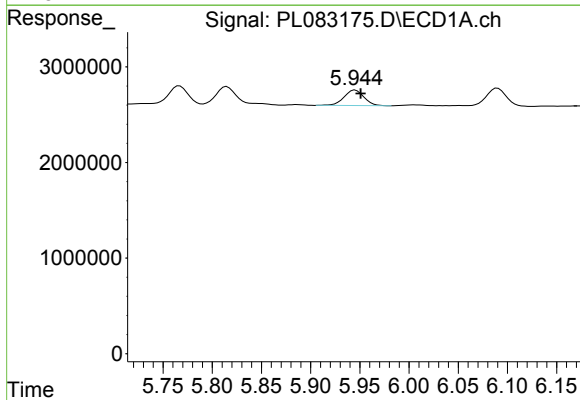
R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 2490410
Conc: 0.78 ng/ml

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



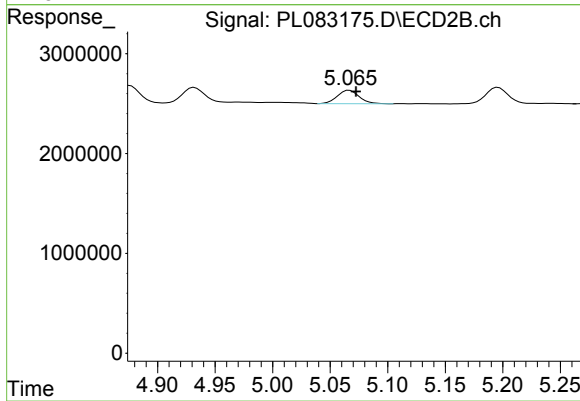
#11 alpha-Chlordane

R.T.: 4.876 min
Delta R.T.: -0.006 min
Response: 2438300
Conc: 0.81 ng/ml



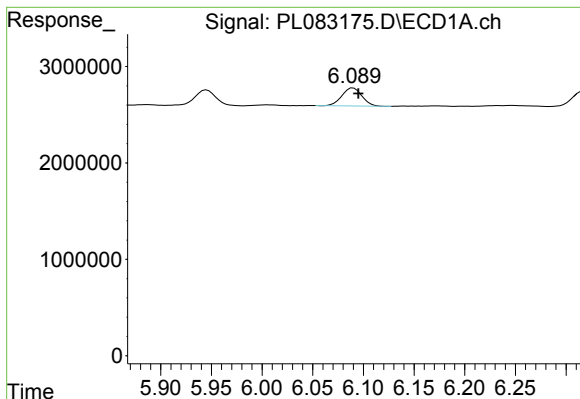
#12 4,4'-DDE

R.T.: 5.945 min
Delta R.T.: -0.006 min
Response: 2303741
Conc: 0.84 ng/ml



#12 4,4'-DDE

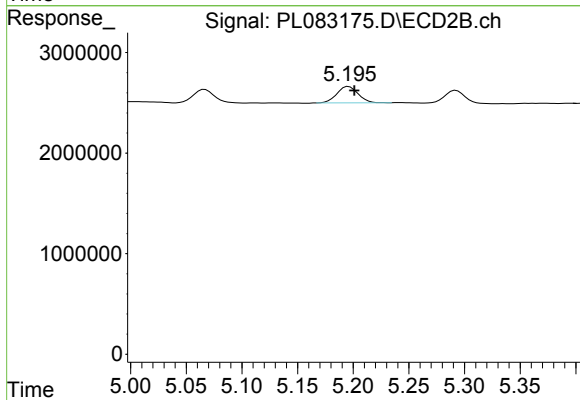
R.T.: 5.067 min
Delta R.T.: -0.006 min
Response: 1789520
Conc: 0.74 ng/ml



#13 Dieldrin

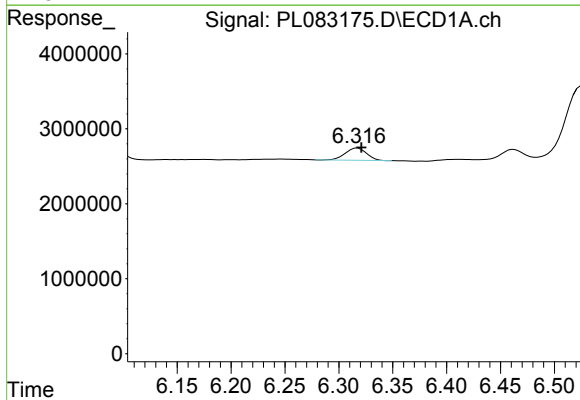
R.T.: 6.090 min
Delta R.T.: -0.005 min
Response: 2559255
Conc: 0.85 ng/ml

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



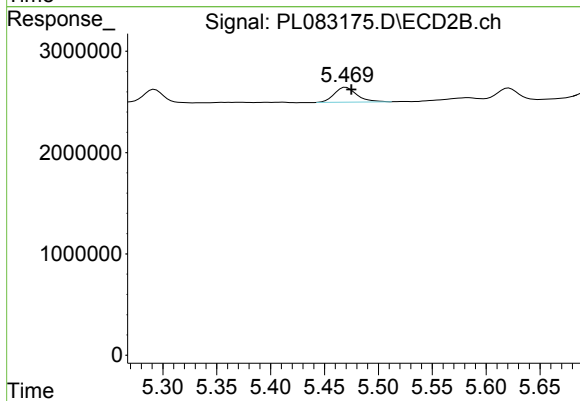
#13 Dieldrin

R.T.: 5.196 min
Delta R.T.: -0.005 min
Response: 2172549
Conc: 0.77 ng/ml



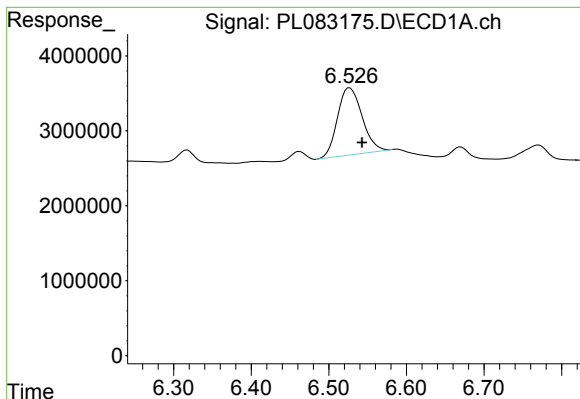
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.003 min
Response: 2244328
Conc: 0.84 ng/ml



#14 Endrin

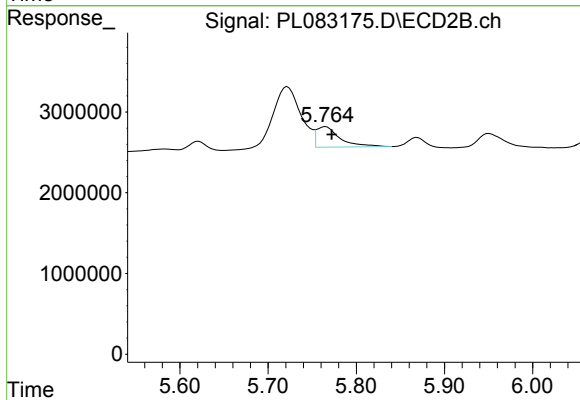
R.T.: 5.470 min
Delta R.T.: -0.005 min
Response: 2155155
Conc: 0.85 ng/ml



#15 Endosulfan II

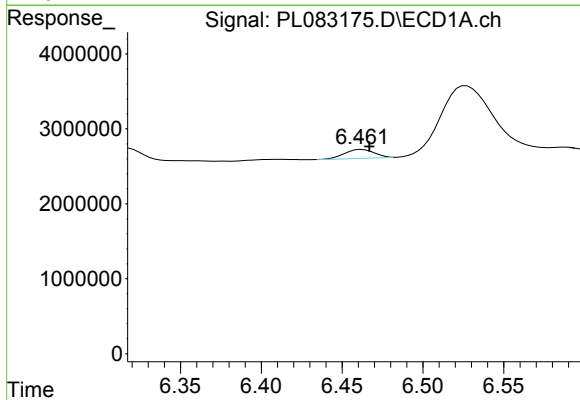
R.T.: 6.527 min
Delta R.T.: -0.016 min
Response: 19840900
Conc: 3.54 ng/ml

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



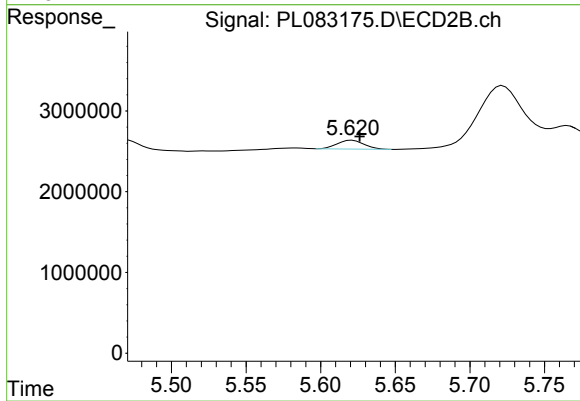
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 4731891
Conc: 1.91 ng/ml



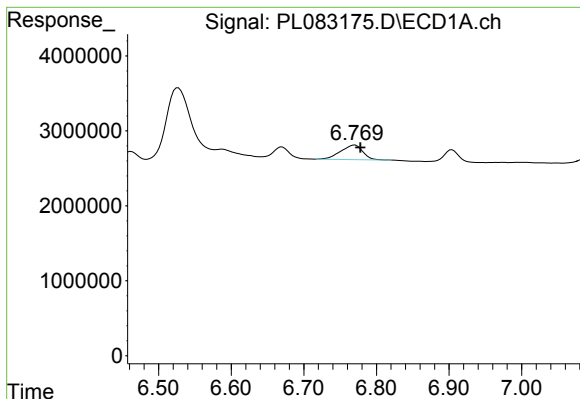
#16 4,4'-DDD

R.T.: 6.461 min
Delta R.T.: -0.006 min
Response: 1533408
Conc: 0.71 ng/ml m



#16 4,4'-DDD

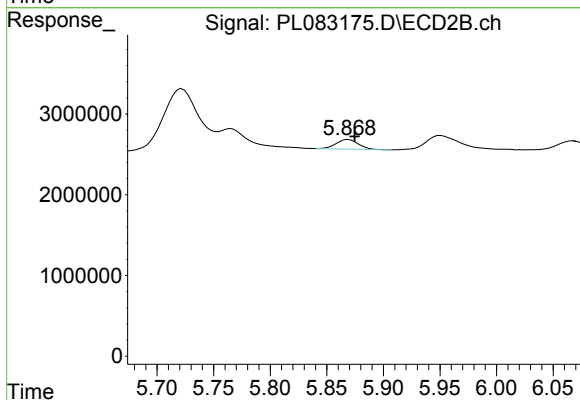
R.T.: 5.620 min
Delta R.T.: -0.006 min
Response: 1360223
Conc: 0.71 ng/ml m



#17 4,4'-DDT

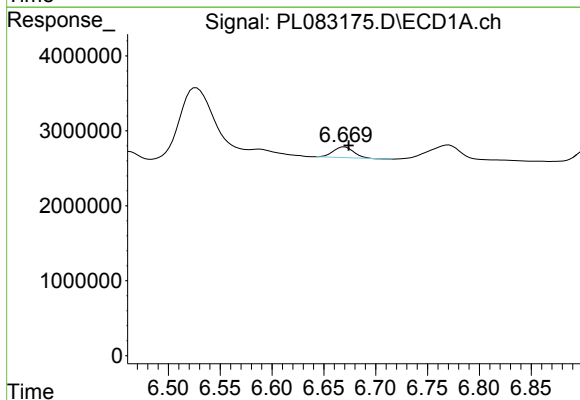
R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 4071751
Conc: 1.63 ng/ml

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



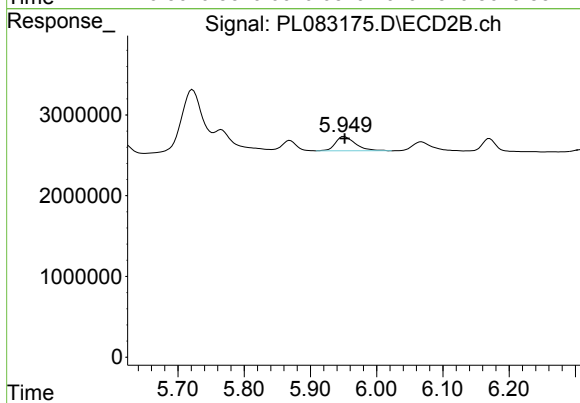
#17 4,4'-DDT

R.T.: 5.869 min
Delta R.T.: -0.006 min
Response: 1618684
Conc: 0.73 ng/ml



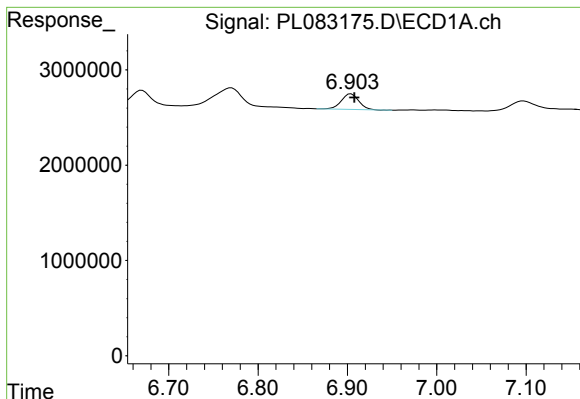
#18 Endrin aldehyde

R.T.: 6.670 min
Delta R.T.: -0.004 min
Response: 1940637
Conc: 0.97 ng/ml



#18 Endrin aldehyde

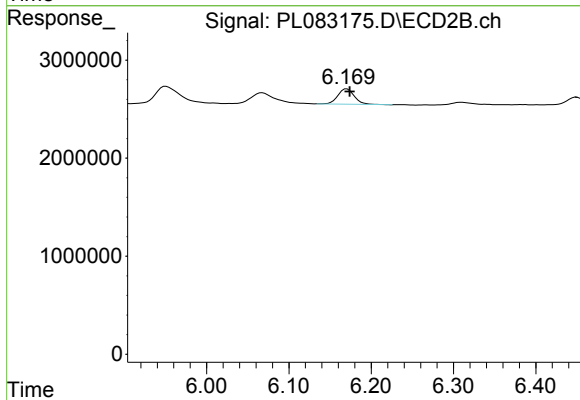
R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 3682111
Conc: 1.86 ng/ml



#19 Endosulfan Sulfate

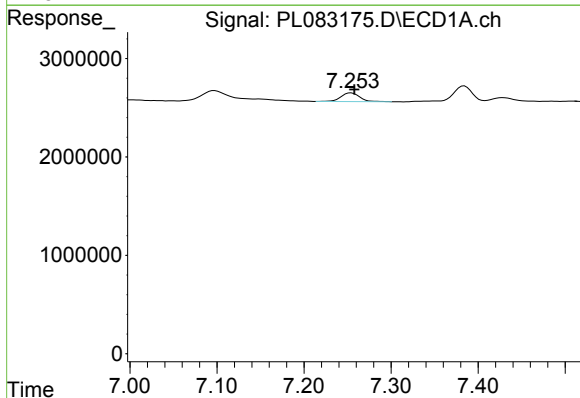
R.T.: 6.904 min
Delta R.T.: -0.004 min
Response: 2192195
Conc: 0.86 ng/ml

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



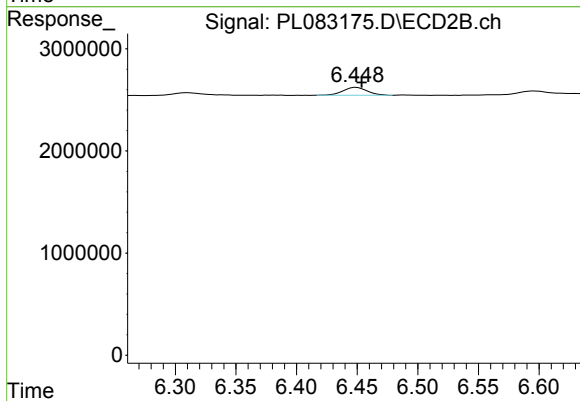
#19 Endosulfan Sulfate

R.T.: 6.170 min
Delta R.T.: -0.004 min
Response: 2185827
Conc: 0.89 ng/ml



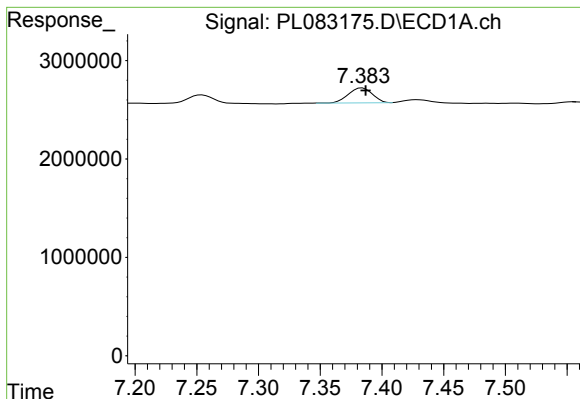
#20 Methoxychlor

R.T.: 7.254 min
Delta R.T.: -0.004 min
Response: 1320971
Conc: 1.00 ng/ml



#20 Methoxychlor

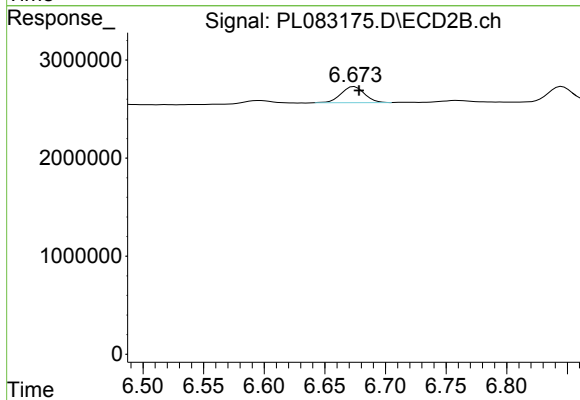
R.T.: 6.449 min
Delta R.T.: -0.004 min
Response: 1065321
Conc: 0.84 ng/ml



#21 Endrin ketone

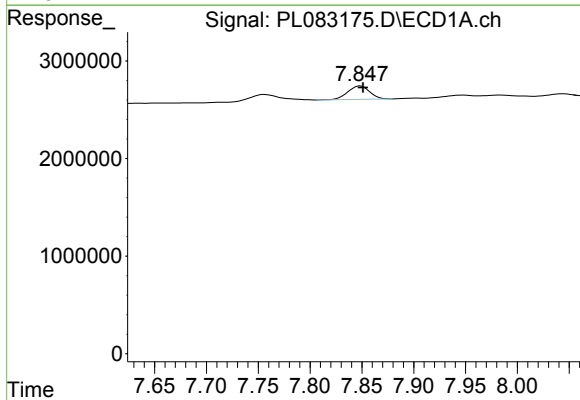
R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 2039409
Conc: 0.80 ng/ml

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



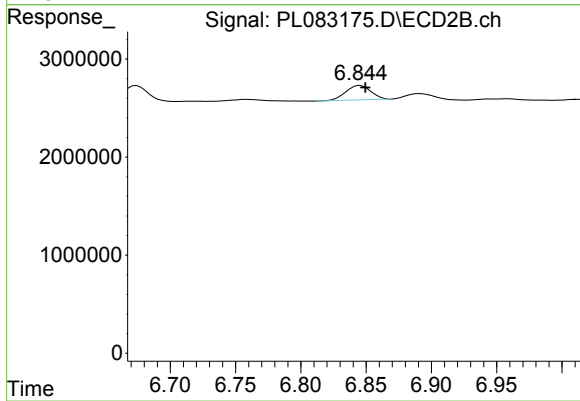
#21 Endrin ketone

R.T.: 6.674 min
Delta R.T.: -0.004 min
Response: 2196861
Conc: 0.81 ng/ml



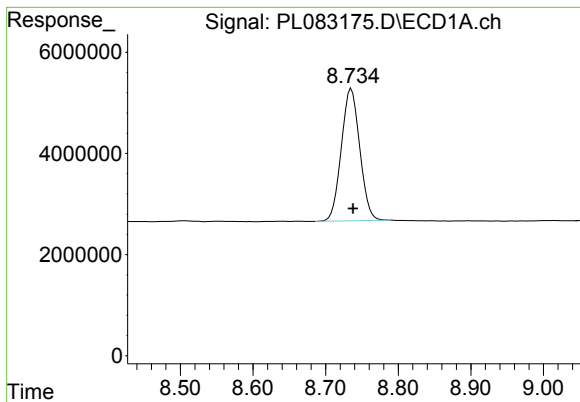
#22 Mirex

R.T.: 7.849 min
Delta R.T.: -0.002 min
Response: 1996368
Conc: 0.95 ng/ml



#22 Mirex

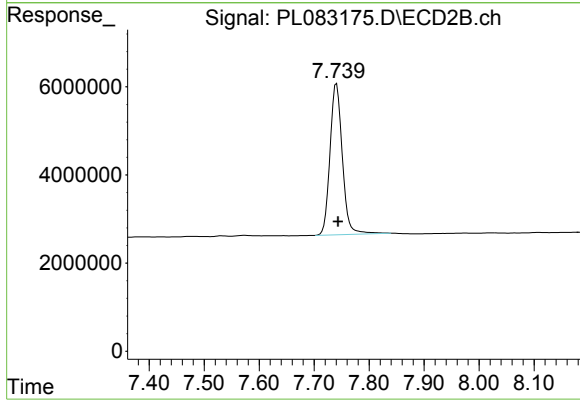
R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 1960905
Conc: 0.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.003 min
Response: 46114099
Conc: 21.99 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.741 min
Delta R.T.: -0.003 min
Response: 53419727
Conc: 21.48 ng/ml