

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031423\
 Data File : PL081446.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2023 11:19
 Operator : AR\AJ
 Sample : 01627-01
 Misc : PEST LOD 2.5PPB SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 21:29:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.338	2.660	41996130	36554283	19.438	18.062
28)	SA Decachlor...	8.768	7.787	33420546	38440601	21.922	20.068
Target Compounds							
2)	A alpha-BHC	3.788	3.159	6918835	5726673	2.175	1.954
3)	MA gamma-BHC...	4.117	3.488	6601809	6289523	2.231	2.286
4)	MA Heptachlor	4.697	3.822	6902002	6140739	2.501	2.225
5)	MB Aldrin	5.034	4.100	6205687	5776913	2.439	2.203
6)	B beta-BHC	4.320	3.788	3401564	2730208	2.471	2.352
7)	B delta-BHC	4.561	4.015	9568132	5311202	3.443	2.086 #
8)	B Heptachlo...	5.461	4.603	6287832	5954737	2.664	2.463
9)	A Endosulfan I	5.842	4.972	5658788	5447911	2.678	2.407
10)	B gamma-Chl...	5.716	4.853	6246574	5944167	2.737	2.428
11)	B alpha-Chl...	5.794	4.916	6531495	5976289	2.899	2.441
12)	B 4,4'-DDE	5.972	5.107	5175940	4330596	2.645	2.206
13)	MA Dieldrin	6.117	5.237	5622421	5435954	2.686	2.411
14)	MA Endrin	6.344	5.511	4604405	5136167	2.533	2.556
15)	B Endosulfa...	6.567	5.808	5535841	4955228	3.175	2.688
16)	A 4,4'-DDD	6.488	5.662	4179398	3438545	2.715	2.241
17)	MA 4,4'-DDT	6.799	5.912	4191234	3855552	2.640	2.403
18)	B Endrin al...	6.694	5.989	4234723	4021904	2.959m	2.655
19)	B Endosulfa...	6.930	6.212	4981180	4837735	2.774	2.517
20)	A Methoxychlor	7.280	6.493	2592739	2541820	3.010	2.739
21)	B Endrin ke...	7.410	6.718	5199419	5274680	2.866	2.450
22)	Mirex	7.876	6.890	4423173	5339012	3.031	2.774

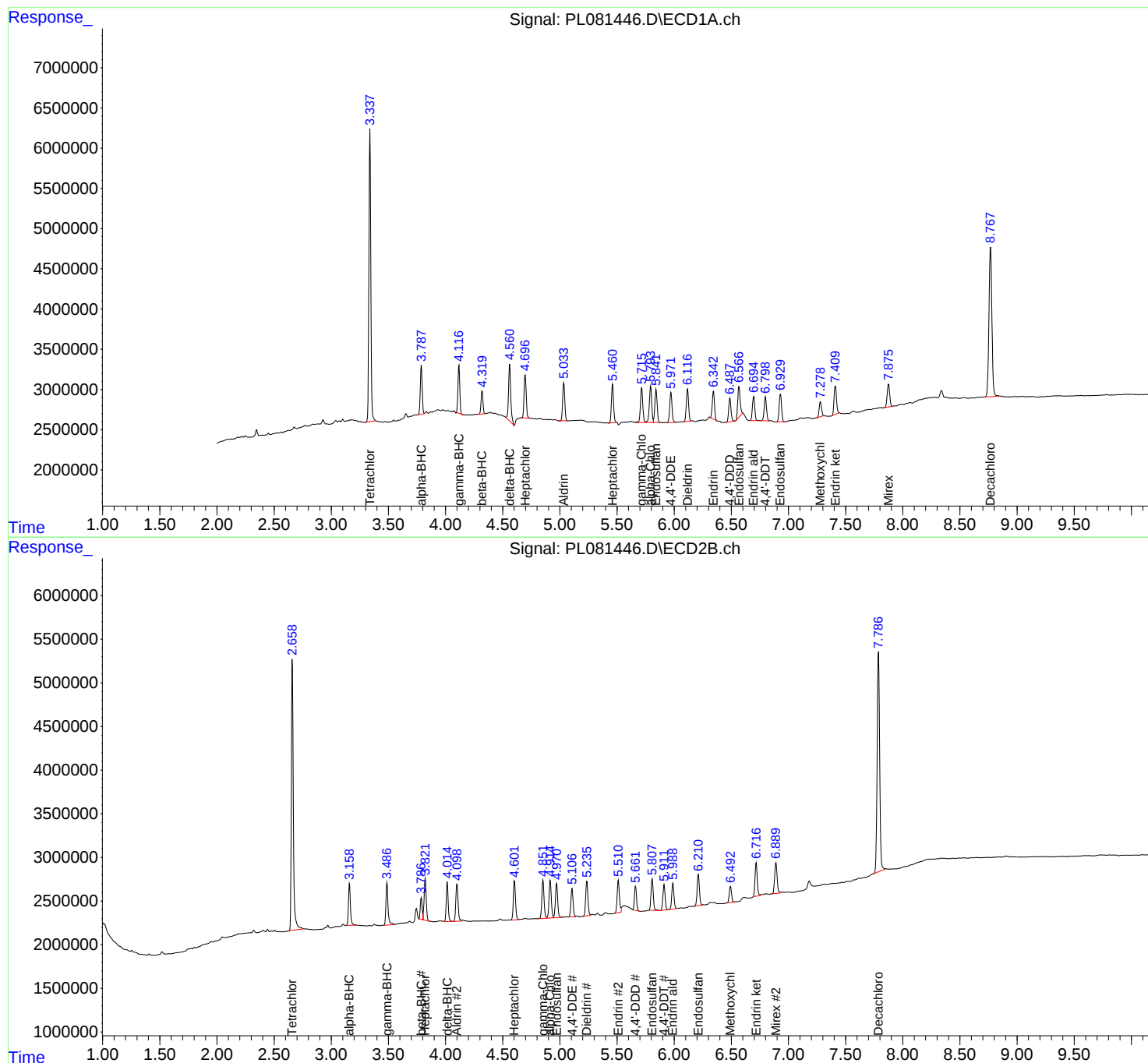
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

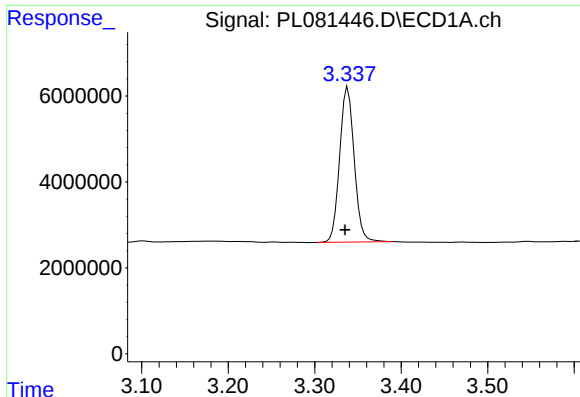
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031423\
Data File : PL081446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Mar 2023 11:19
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ECD_L
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LOD-MDL-SOIL-01-QT1-2023

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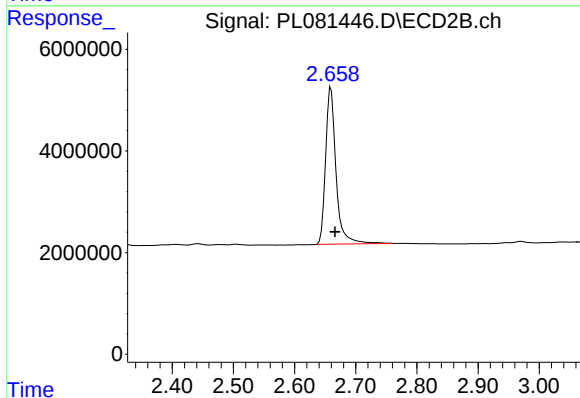




#1 Tetrachloro-m-xylene

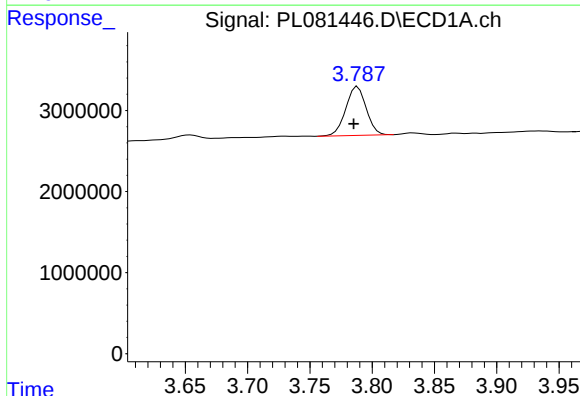
R.T.: 3.338 min
Delta R.T.: 0.003 min
Response: 41996130
Conc: 19.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



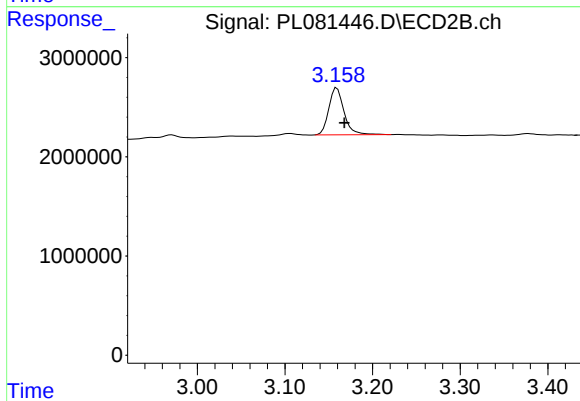
#1 Tetrachloro-m-xylene

R.T.: 2.660 min
Delta R.T.: -0.007 min
Response: 36554283
Conc: 18.06 ng/ml



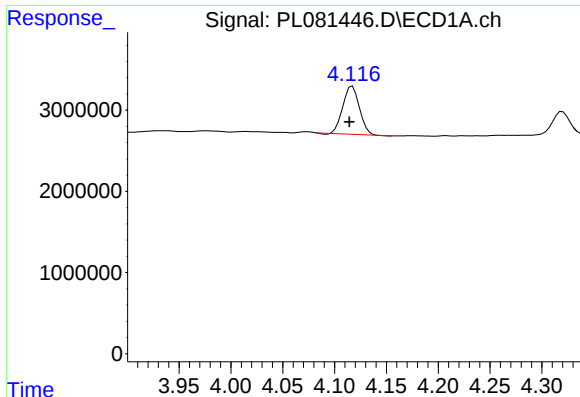
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: 0.003 min
Response: 6918835
Conc: 2.17 ng/ml



#2 alpha-BHC

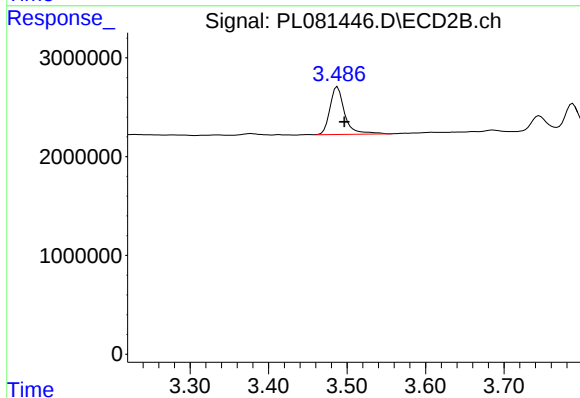
R.T.: 3.159 min
Delta R.T.: -0.008 min
Response: 5726673
Conc: 1.95 ng/ml



#3 gamma-BHC (Lindane)

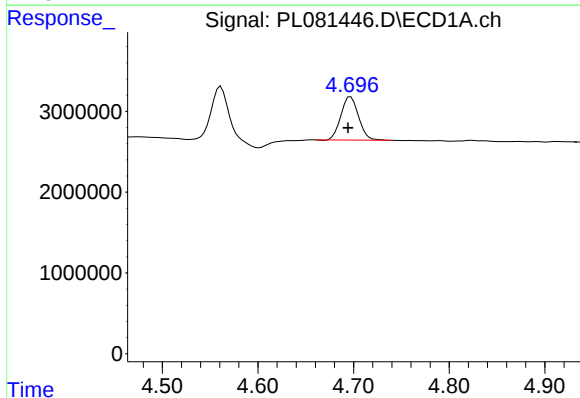
R.T.: 4.117 min
Delta R.T.: 0.003 min
Response: 6601809
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



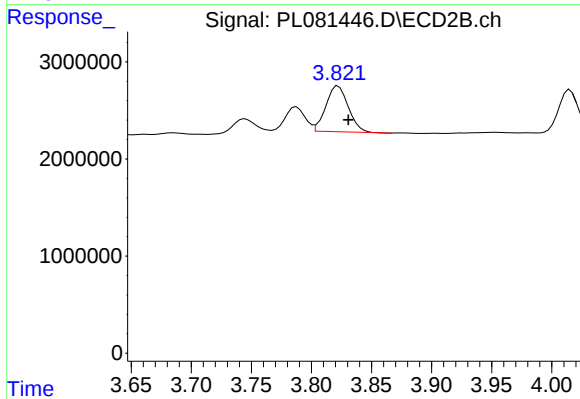
#3 gamma-BHC (Lindane)

R.T.: 3.488 min
Delta R.T.: -0.009 min
Response: 6289523
Conc: 2.29 ng/ml



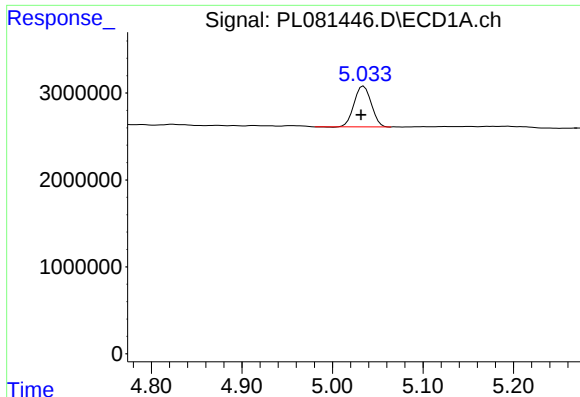
#4 Heptachlor

R.T.: 4.697 min
Delta R.T.: 0.003 min
Response: 6902002
Conc: 2.50 ng/ml



#4 Heptachlor

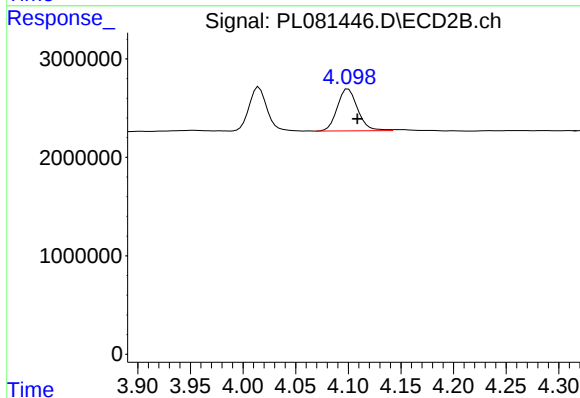
R.T.: 3.822 min
Delta R.T.: -0.008 min
Response: 6140739
Conc: 2.23 ng/ml



#5 Aldrin

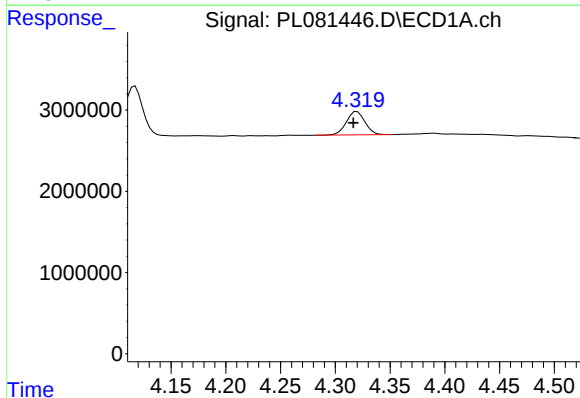
R.T.: 5.034 min
Delta R.T.: 0.003 min
Response: 6205687
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



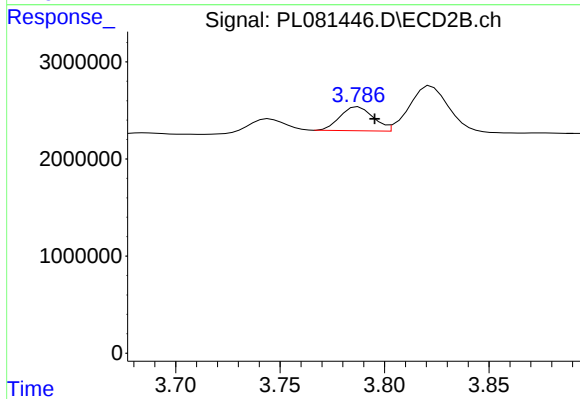
#5 Aldrin

R.T.: 4.100 min
Delta R.T.: -0.009 min
Response: 5776913
Conc: 2.20 ng/ml



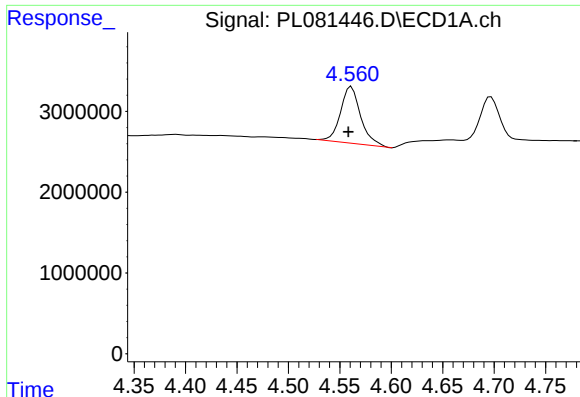
#6 beta-BHC

R.T.: 4.320 min
Delta R.T.: 0.003 min
Response: 3401564
Conc: 2.47 ng/ml



#6 beta-BHC

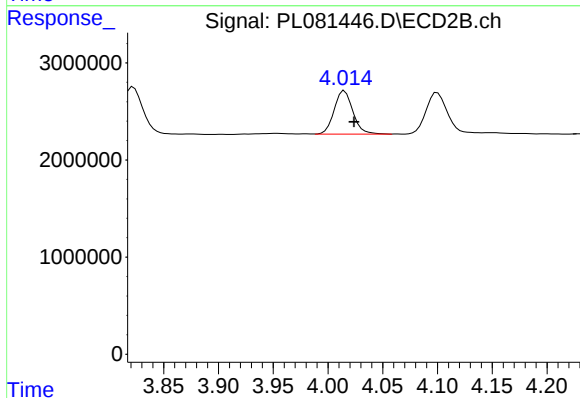
R.T.: 3.788 min
Delta R.T.: -0.008 min
Response: 2730208
Conc: 2.35 ng/ml



#7 delta-BHC

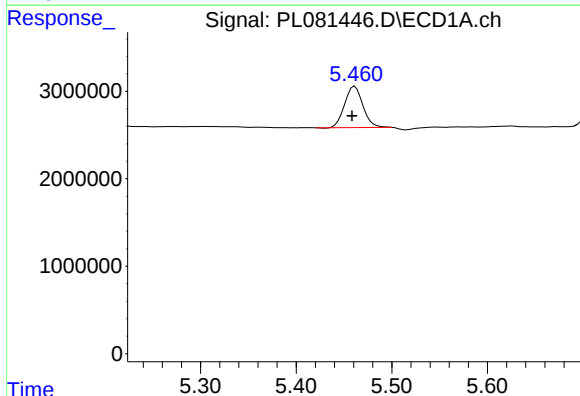
R.T.: 4.561 min
Delta R.T.: 0.003 min
Response: 9568132
Conc: 3.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



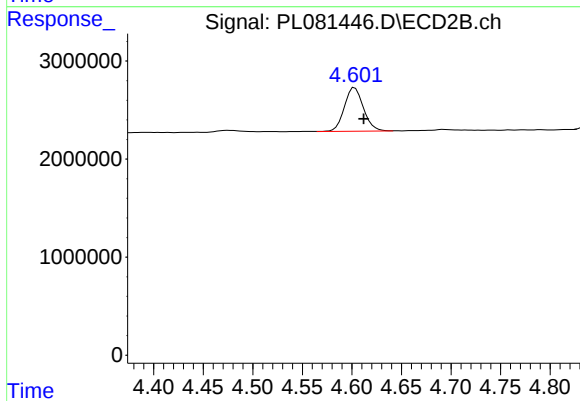
#7 delta-BHC

R.T.: 4.015 min
Delta R.T.: -0.009 min
Response: 5311202
Conc: 2.09 ng/ml



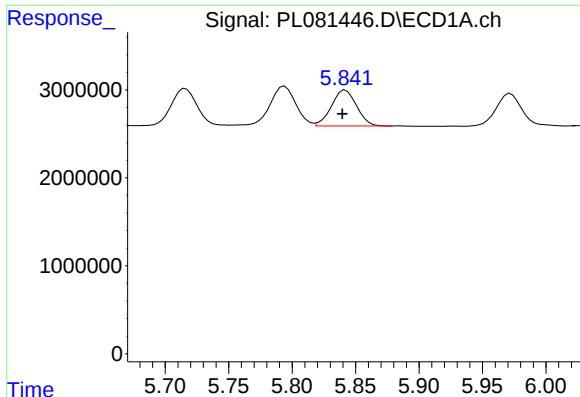
#8 Heptachlor epoxide

R.T.: 5.461 min
Delta R.T.: 0.003 min
Response: 6287832
Conc: 2.66 ng/ml



#8 Heptachlor epoxide

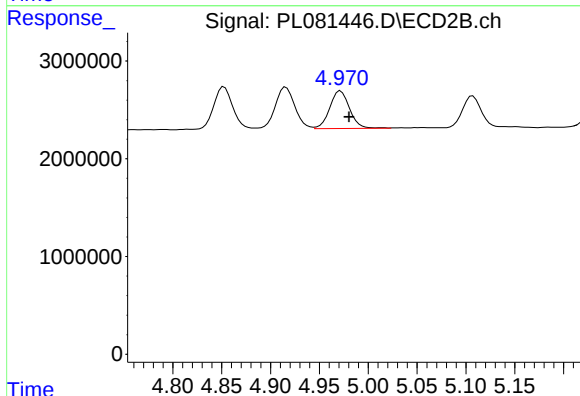
R.T.: 4.603 min
Delta R.T.: -0.009 min
Response: 5954737
Conc: 2.46 ng/ml



#9 Endosulfan I

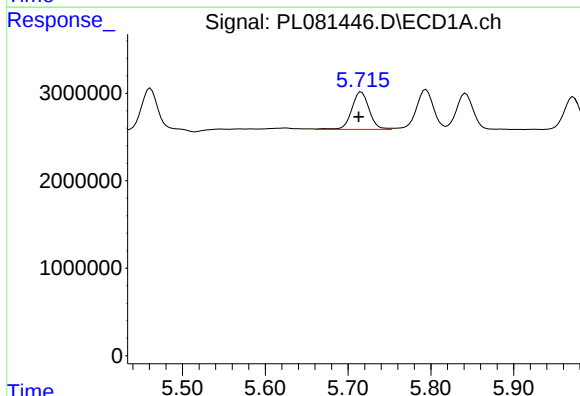
R.T.: 5.842 min
Delta R.T.: 0.002 min
Response: 5658788
Conc: 2.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



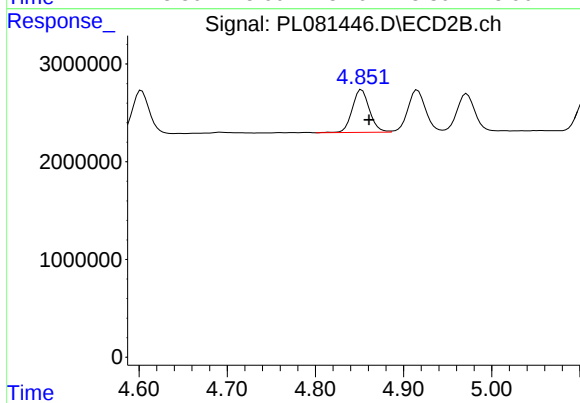
#9 Endosulfan I

R.T.: 4.972 min
Delta R.T.: -0.009 min
Response: 5447911
Conc: 2.41 ng/ml



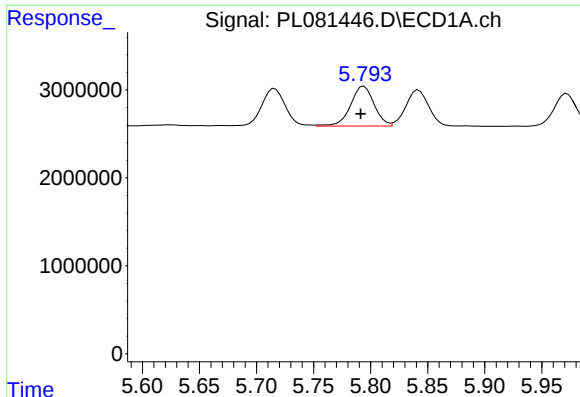
#10 gamma-Chlordane

R.T.: 5.716 min
Delta R.T.: 0.003 min
Response: 6246574
Conc: 2.74 ng/ml



#10 gamma-Chlordane

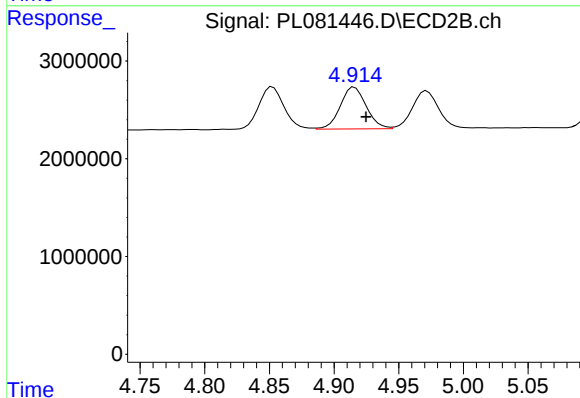
R.T.: 4.853 min
Delta R.T.: -0.008 min
Response: 5944167
Conc: 2.43 ng/ml



#11 alpha-Chlordane

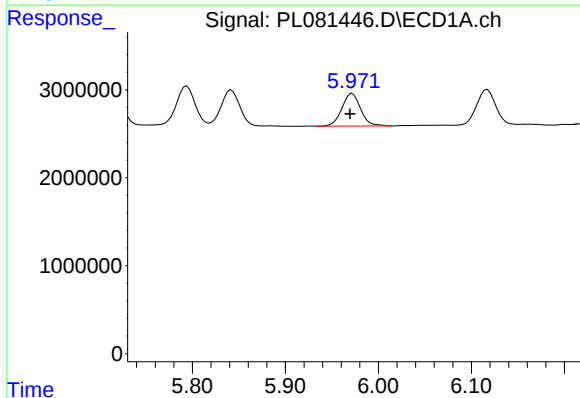
R.T.: 5.794 min
Delta R.T.: 0.003 min
Response: 6531495
Conc: 2.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



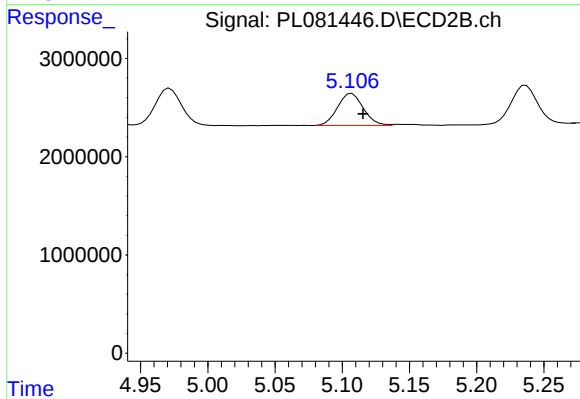
#11 alpha-Chlordane

R.T.: 4.916 min
Delta R.T.: -0.009 min
Response: 5976289
Conc: 2.44 ng/ml



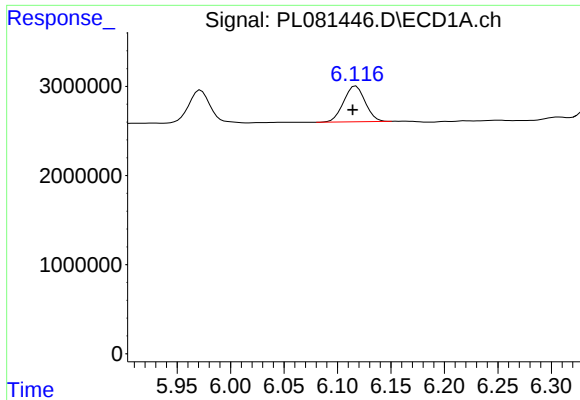
#12 4,4'-DDE

R.T.: 5.972 min
Delta R.T.: 0.002 min
Response: 5175940
Conc: 2.65 ng/ml



#12 4,4'-DDE

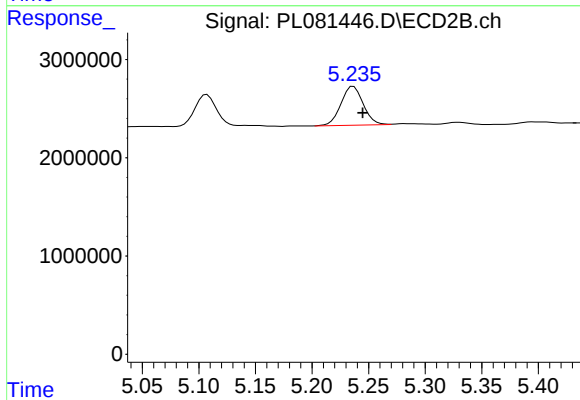
R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 4330596
Conc: 2.21 ng/ml



#13 Dieldrin

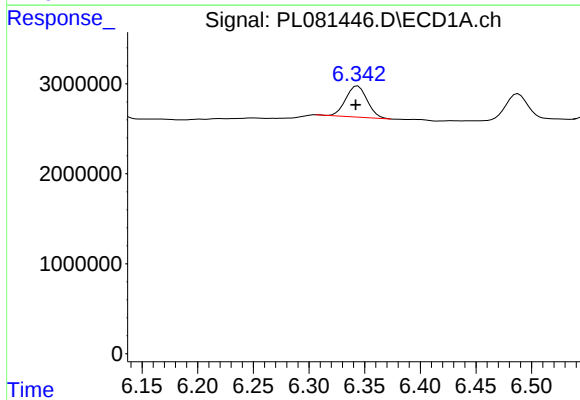
R.T.: 6.117 min
Delta R.T.: 0.003 min
Response: 5622421
Conc: 2.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



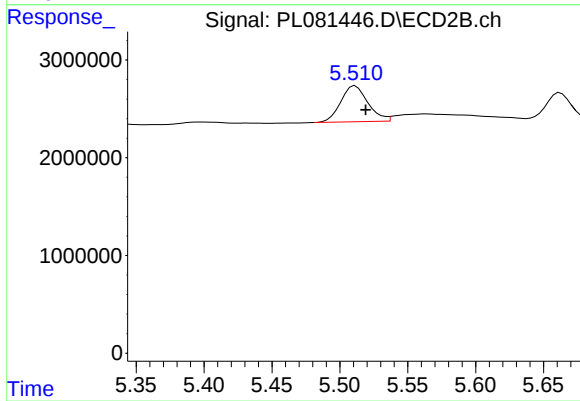
#13 Dieldrin

R.T.: 5.237 min
Delta R.T.: -0.008 min
Response: 5435954
Conc: 2.41 ng/ml



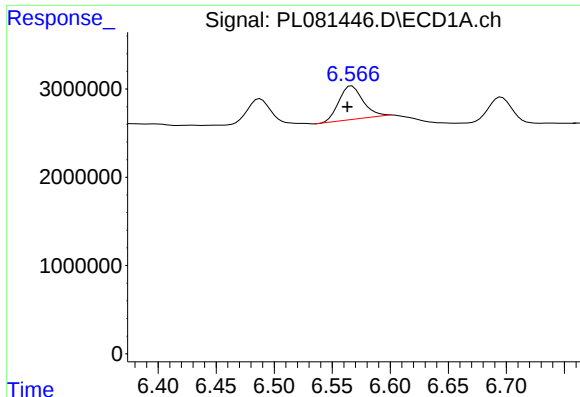
#14 Endrin

R.T.: 6.344 min
Delta R.T.: 0.002 min
Response: 4604405
Conc: 2.53 ng/ml



#14 Endrin

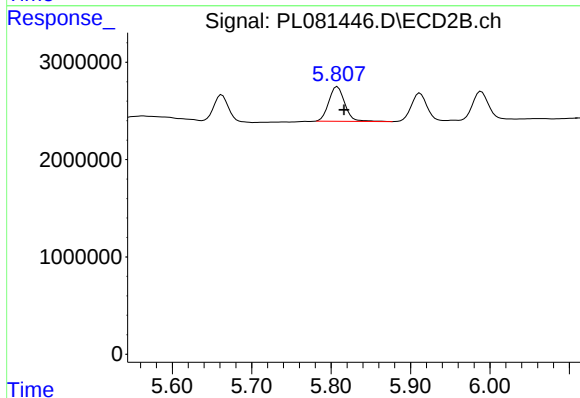
R.T.: 5.511 min
Delta R.T.: -0.008 min
Response: 5136167
Conc: 2.56 ng/ml



#15 Endosulfan II

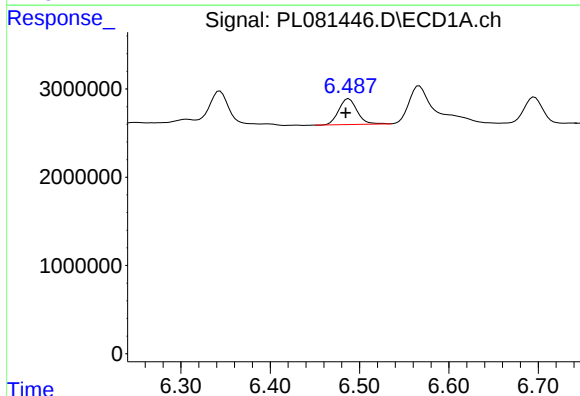
R.T.: 6.567 min
Delta R.T.: 0.004 min
Response: 5535841
Conc: 3.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



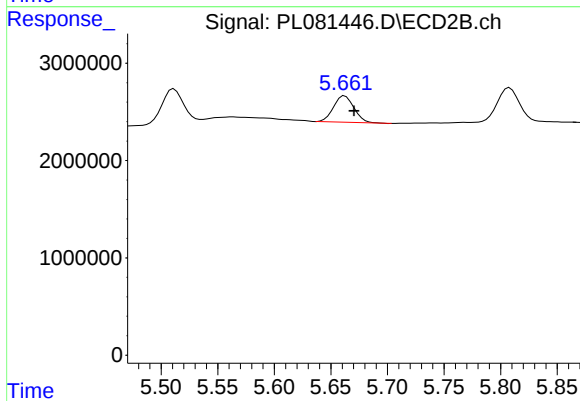
#15 Endosulfan II

R.T.: 5.808 min
Delta R.T.: -0.008 min
Response: 4955228
Conc: 2.69 ng/ml



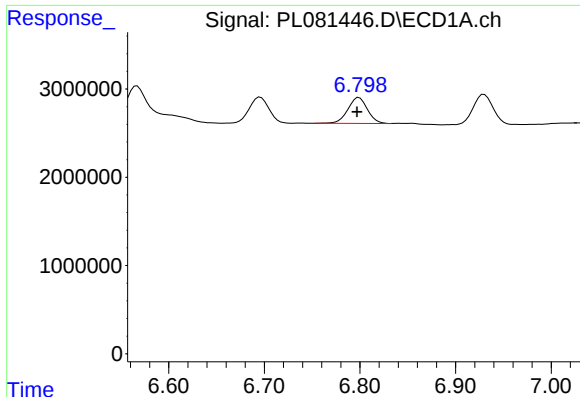
#16 4,4'-DDD

R.T.: 6.488 min
Delta R.T.: 0.003 min
Response: 4179398
Conc: 2.71 ng/ml



#16 4,4'-DDD

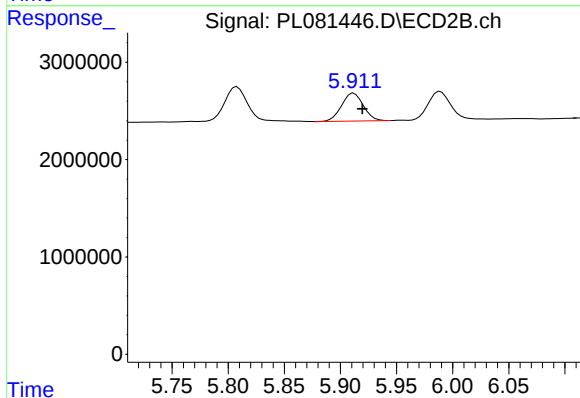
R.T.: 5.662 min
Delta R.T.: -0.008 min
Response: 3438545
Conc: 2.24 ng/ml



#17 4,4'-DDT

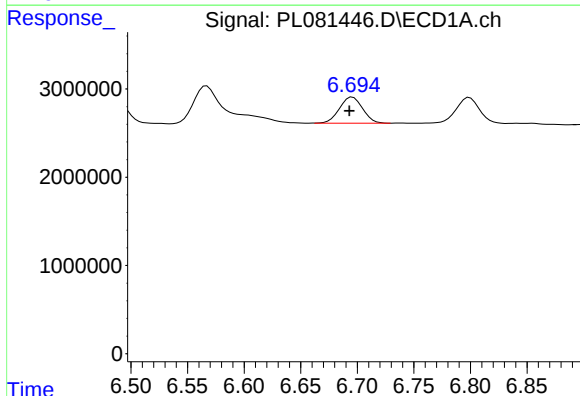
R.T.: 6.799 min
Delta R.T.: 0.002 min
Response: 4191234
Conc: 2.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



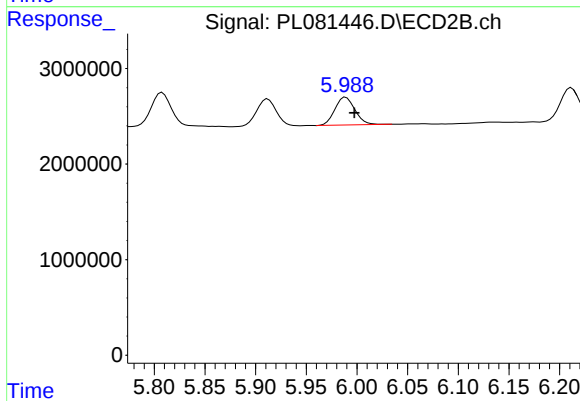
#17 4,4'-DDT

R.T.: 5.912 min
Delta R.T.: -0.008 min
Response: 3855552
Conc: 2.40 ng/ml



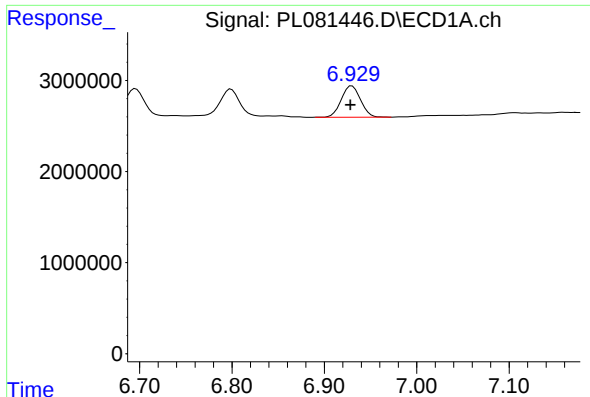
#18 Endrin aldehyde

R.T.: 6.694 min
Delta R.T.: 0.001 min
Response: 4234723
Conc: 2.96 ng/ml m



#18 Endrin aldehyde

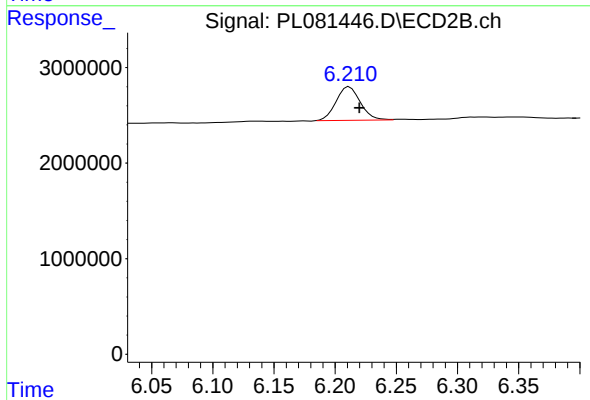
R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 4021904
Conc: 2.65 ng/ml



#19 Endosulfan Sulfate

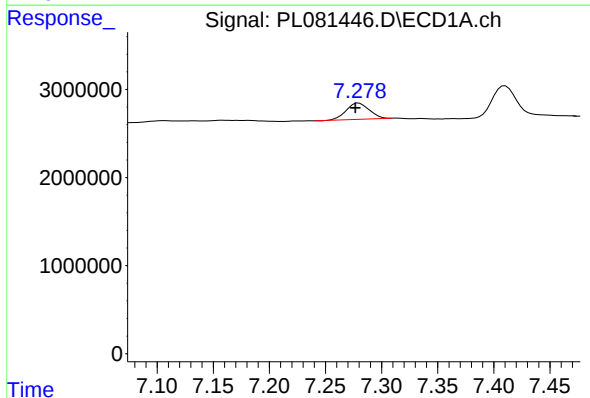
R.T.: 6.930 min
Delta R.T.: 0.002 min
Response: 4981180
Conc: 2.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



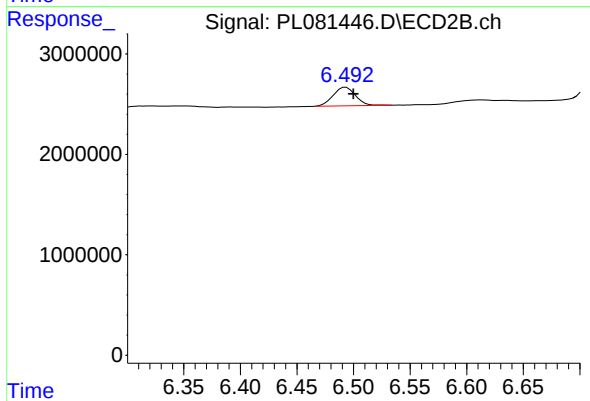
#19 Endosulfan Sulfate

R.T.: 6.212 min
Delta R.T.: -0.008 min
Response: 4837735
Conc: 2.52 ng/ml



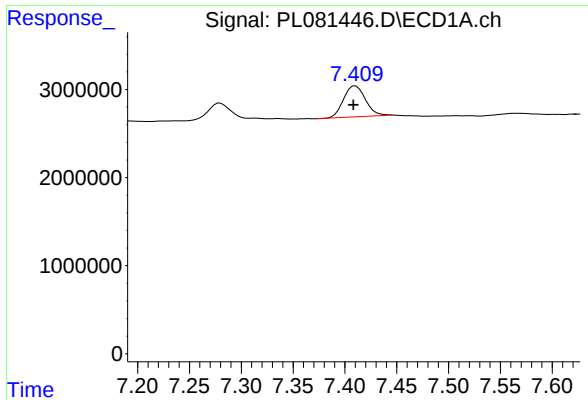
#20 Methoxychlor

R.T.: 7.280 min
Delta R.T.: 0.003 min
Response: 2592739
Conc: 3.01 ng/ml



#20 Methoxychlor

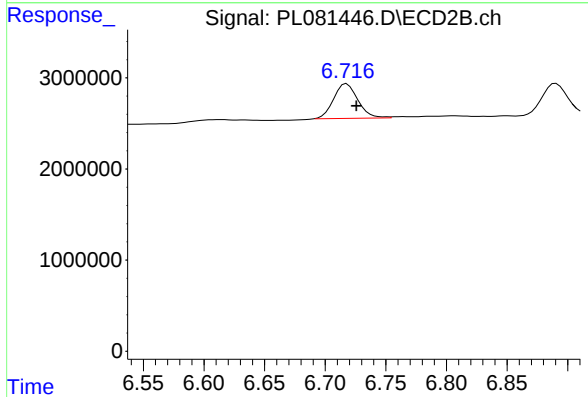
R.T.: 6.493 min
Delta R.T.: -0.007 min
Response: 2541820
Conc: 2.74 ng/ml



#21 Endrin ketone

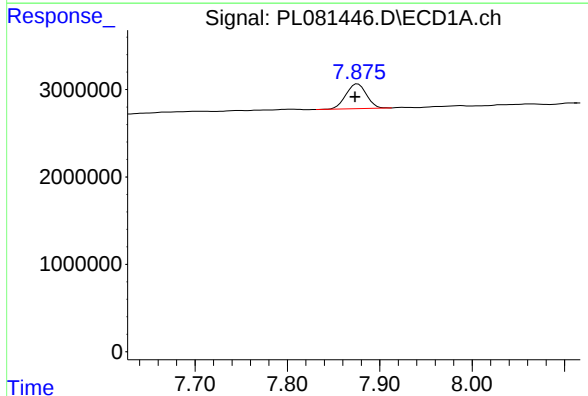
R.T.: 7.410 min
Delta R.T.: 0.002 min
Response: 5199419
Conc: 2.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



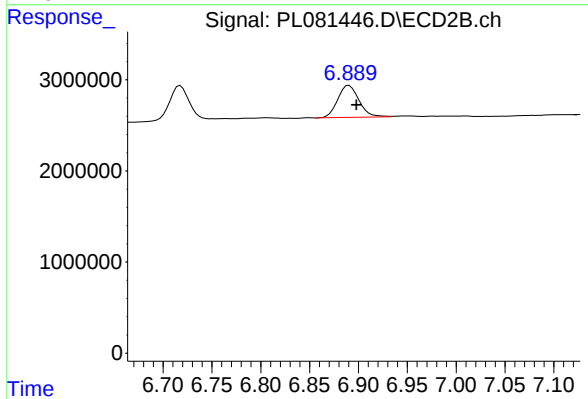
#21 Endrin ketone

R.T.: 6.718 min
Delta R.T.: -0.008 min
Response: 5274680
Conc: 2.45 ng/ml



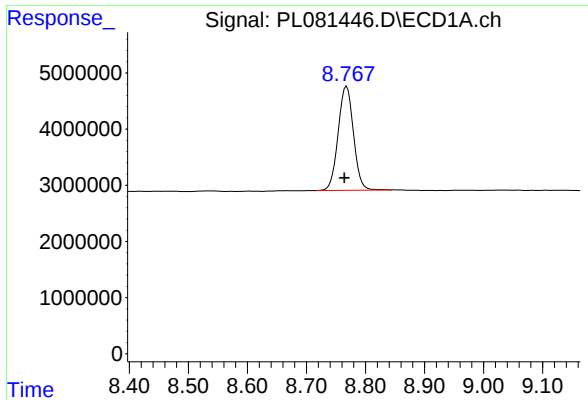
#22 Mirex

R.T.: 7.876 min
Delta R.T.: 0.003 min
Response: 4423173
Conc: 3.03 ng/ml



#22 Mirex

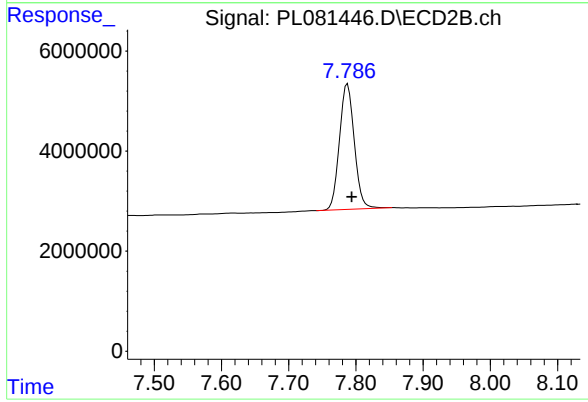
R.T.: 6.890 min
Delta R.T.: -0.008 min
Response: 5339012
Conc: 2.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.768 min
Delta R.T.: 0.004 min
Response: 33420546
Conc: 21.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023



#28 Decachlorobiphenyl

R.T.: 7.787 min
Delta R.T.: -0.006 min
Response: 38440601
Conc: 20.07 ng/ml