

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
 Data File : PD071009.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 02:19
 Operator : AR\AJ
 Sample : N3214-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 07:17:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.474	4.125	46471452	492.3E6	16.036	17.028
28)	SA Decachlor...	8.243	9.321	53473150	207.3E6	17.502	18.174
Target Compounds							
2)	A alpha-BHC	3.915	4.530	9614125	106.9E6	2.191	2.819 #
3)	MA gamma-BHC...	4.199	4.823	10496378	81704532	2.417	2.736
4)	MA Heptachlor	4.499	5.339	9047181	69153555	2.173	3.131 #
5)	MB Aldrin	4.747	5.651	8978416	53543364	2.148	2.892 #
6)	B beta-BHC	4.448	5.001	3965414	57355227	2.373	4.276 #
7)	B delta-BHC	4.654	5.224	8069897	71262328	2.039	3.014 #
8)	B Heptachlo...	5.192	6.047	8799939	46033635	2.349	3.045 #
9)	A Endosulfan I	5.531	6.412	8293331	42360968	2.375	2.918
10)	B gamma-Chl...	5.419	6.284	8901948	47548570	2.289	3.015 #
11)	B alpha-Chl...	5.478	6.357	8817331	45488178	2.306	2.956 #
12)	B 4,4'-DDE	5.643	6.512	7458073	41330810	2.118	2.754 #
13)	MA Dieldrin	5.776	6.673	8241613	42777554	2.194	2.800 #
14)	MA Endrin	6.034	6.895	7145953	25033041	2.288	2.413
15)	B Endosulfa...	6.308	7.110	7360216	35913222	2.447	2.869
16)	A 4,4'-DDD	6.161	7.012	6563504	31168353	2.236	2.506
17)	MA 4,4'-DDT	6.402	7.313	6361467	36404272	2.078	2.718 #
18)	B Endrin al...	6.478	7.236	6217974	28171575	2.592	2.794
19)	B Endosulfa...	6.690	7.461	7441946	33082247	2.498	2.738
20)	A Methoxychlor	6.952	7.773	4259688	18677885	2.577	2.718
21)	B Endrin ke...	7.184	7.942	8512993	41981310	2.458	3.033
22)	Mirex	7.371	8.396	7904442	27276327	2.851	2.968

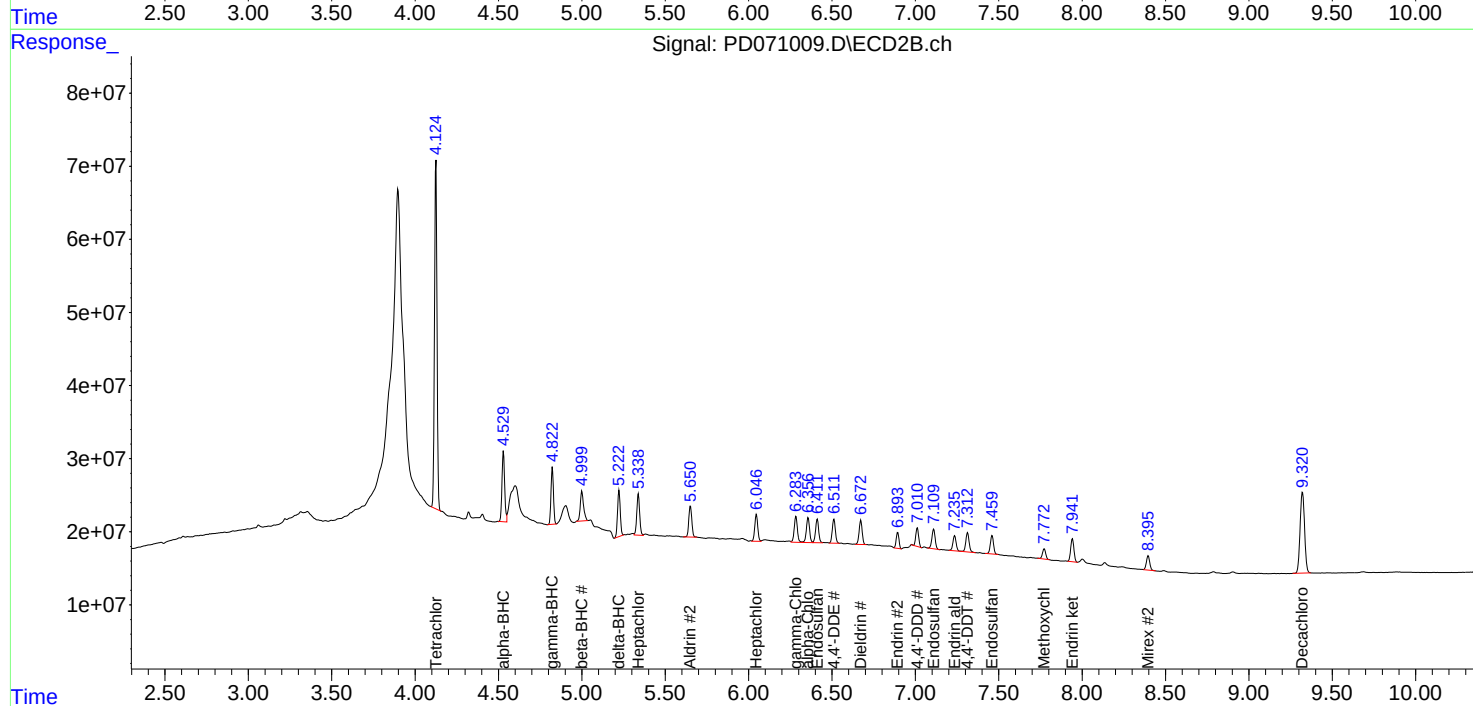
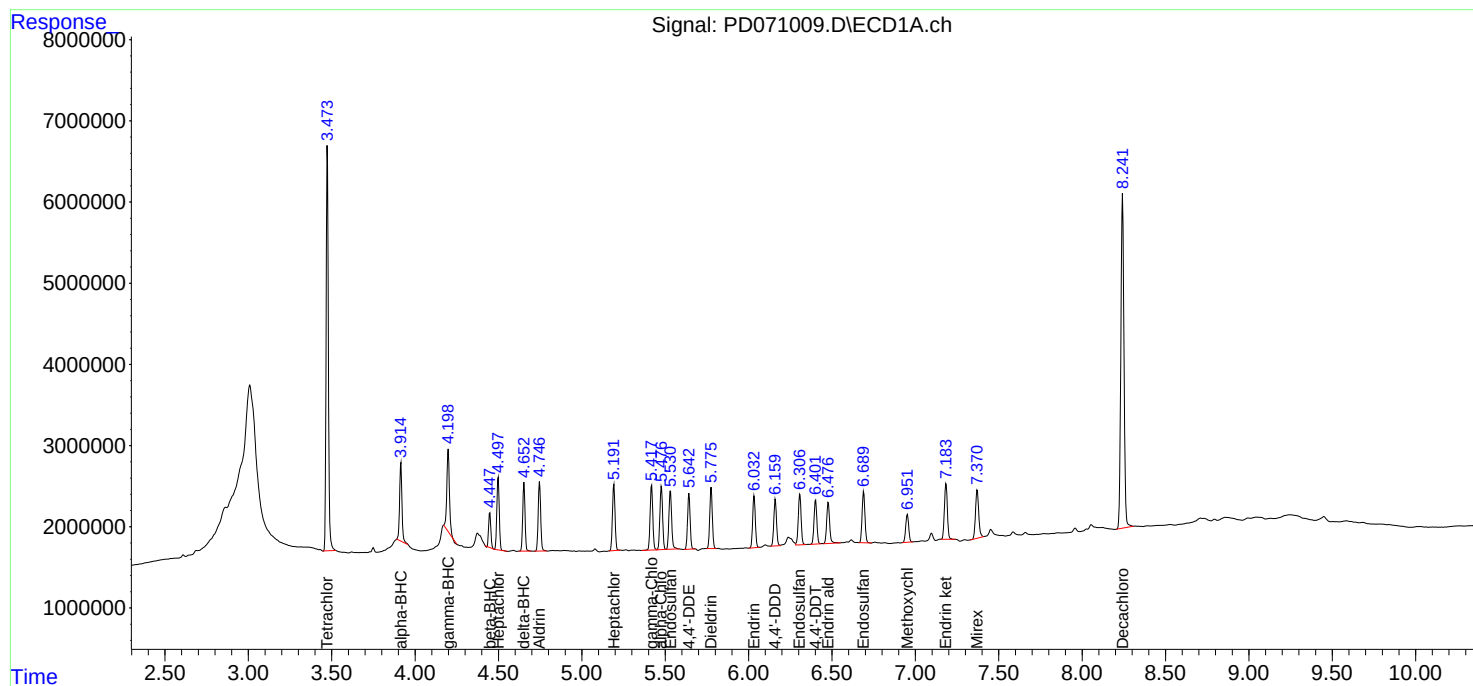
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

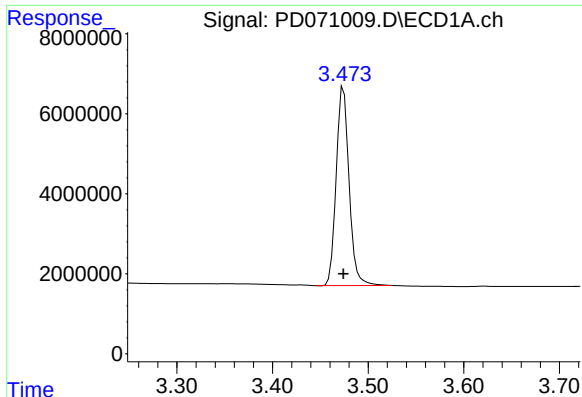
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
Data File : PD071009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2022 02:19
Operator : AR\AJ
Sample : N3214-01
Misc : PEST LOD 2.5PPB
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 07:17:31 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
Quant Title : GC Extractables
QLast Update : Wed Jul 20 05:30:10 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

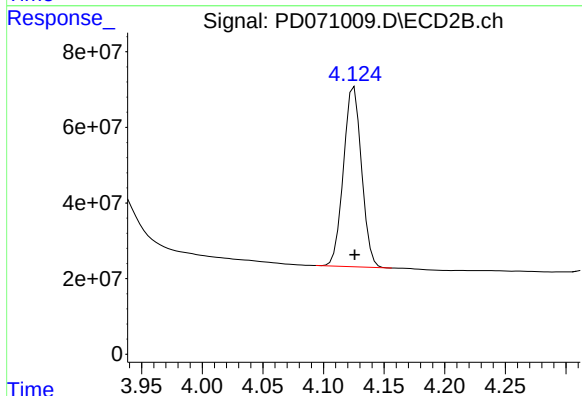




#1 Tetrachloro-m-xylene

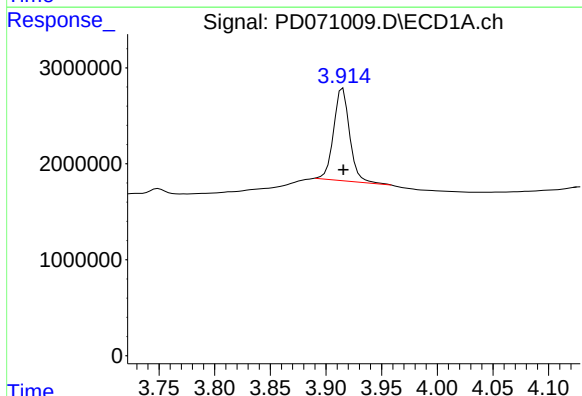
R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 46471452
Conc: 16.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



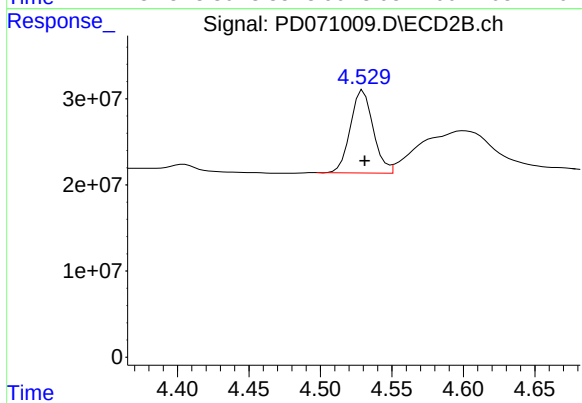
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 492310071
Conc: 17.03 ng/ml



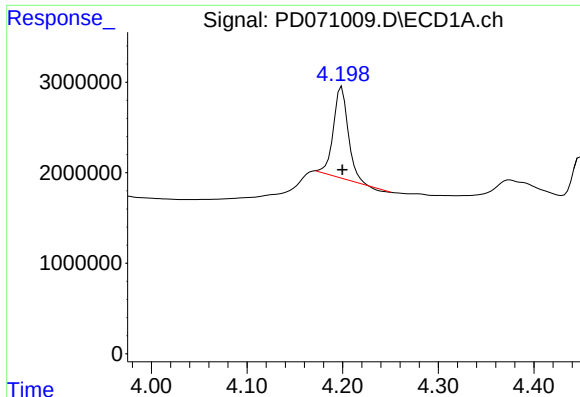
#2 alpha-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 9614125
Conc: 2.19 ng/ml



#2 alpha-BHC

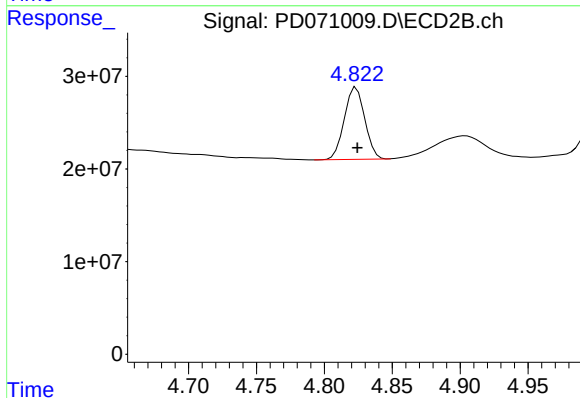
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 106857774
Conc: 2.82 ng/ml



#3 gamma-BHC (Lindane)

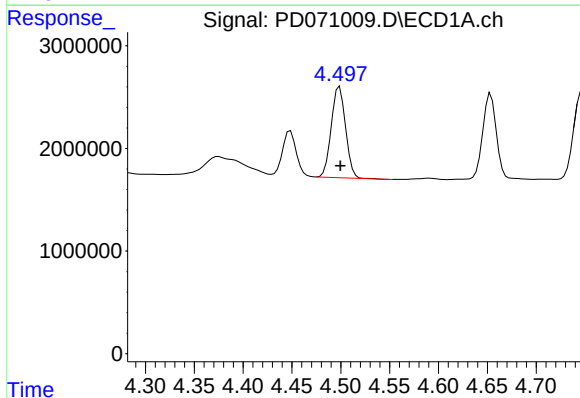
R.T.: 4.199 min
Delta R.T.: 0.000 min
Response: 10496378
Conc: 2.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



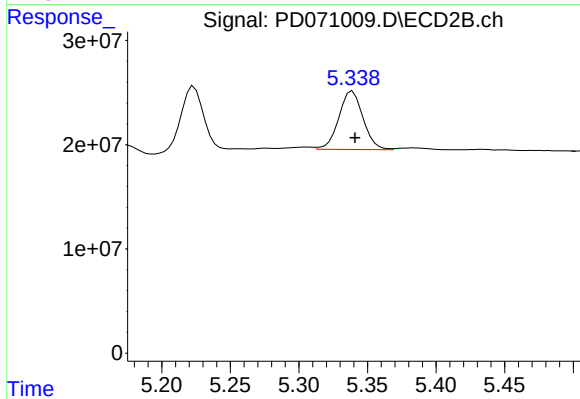
#3 gamma-BHC (Lindane)

R.T.: 4.823 min
Delta R.T.: 0.000 min
Response: 81704532
Conc: 2.74 ng/ml



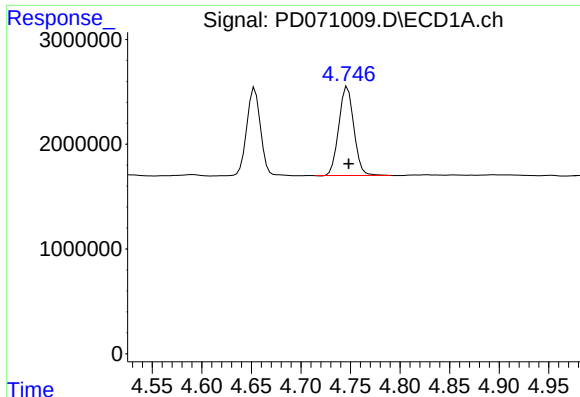
#4 Heptachlor

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 9047181
Conc: 2.17 ng/ml



#4 Heptachlor

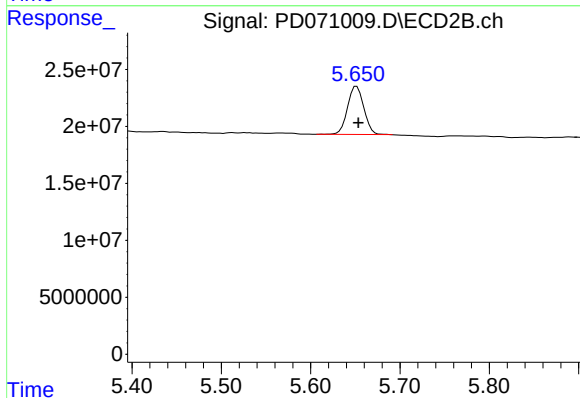
R.T.: 5.339 min
Delta R.T.: -0.002 min
Response: 69153555
Conc: 3.13 ng/ml



#5 Aldrin

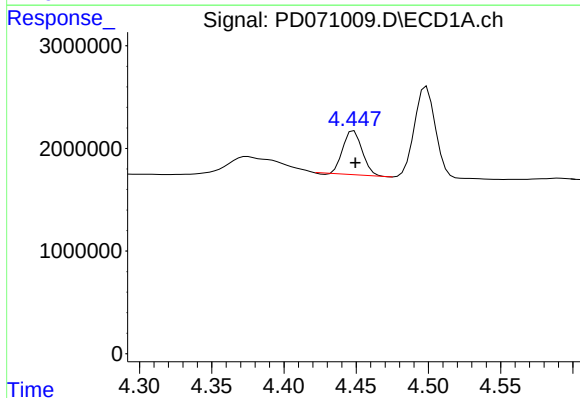
R.T.: 4.747 min
Delta R.T.: -0.001 min
Response: 8978416
Conc: 2.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



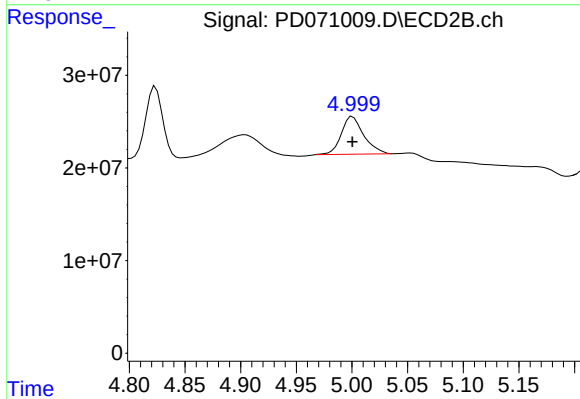
#5 Aldrin

R.T.: 5.651 min
Delta R.T.: -0.002 min
Response: 53543364
Conc: 2.89 ng/ml



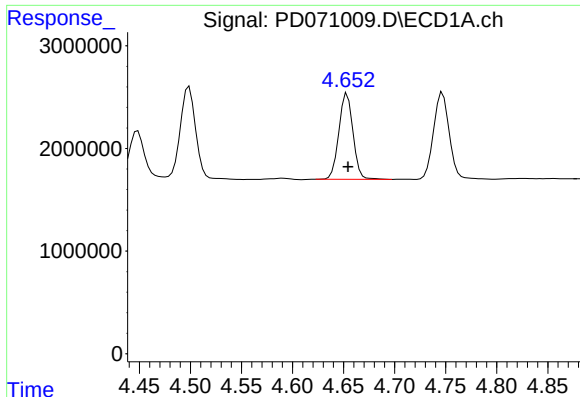
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: 0.000 min
Response: 3965414
Conc: 2.37 ng/ml



#6 beta-BHC

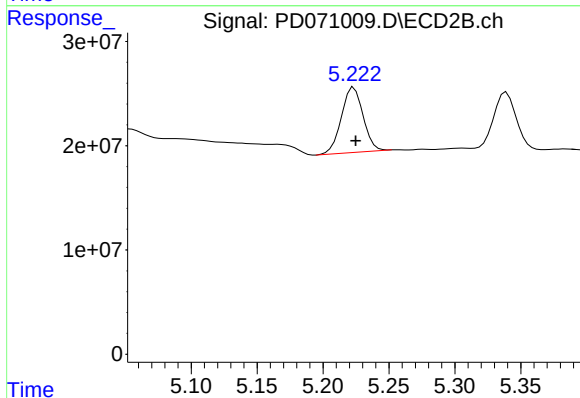
R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 57355227
Conc: 4.28 ng/ml



#7 delta-BHC

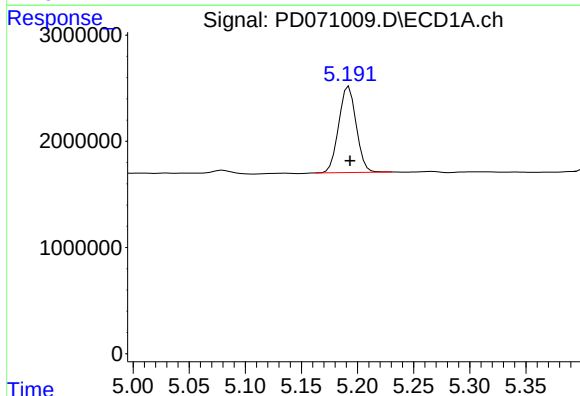
R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 8069897
Conc: 2.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



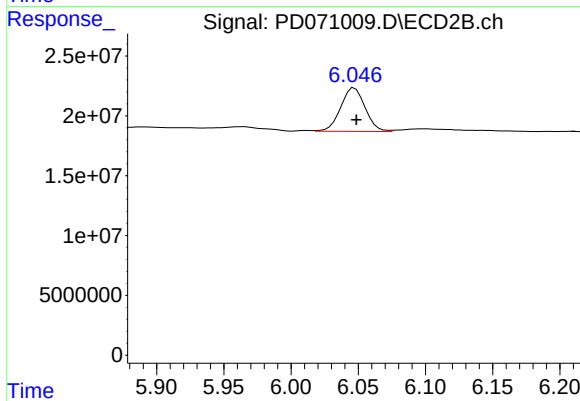
#7 delta-BHC

R.T.: 5.224 min
Delta R.T.: -0.001 min
Response: 71262328
Conc: 3.01 ng/ml



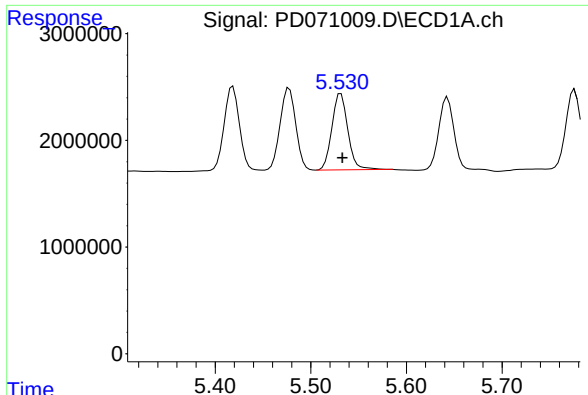
#8 Heptachlor epoxide

R.T.: 5.192 min
Delta R.T.: -0.001 min
Response: 8799939
Conc: 2.35 ng/ml



#8 Heptachlor epoxide

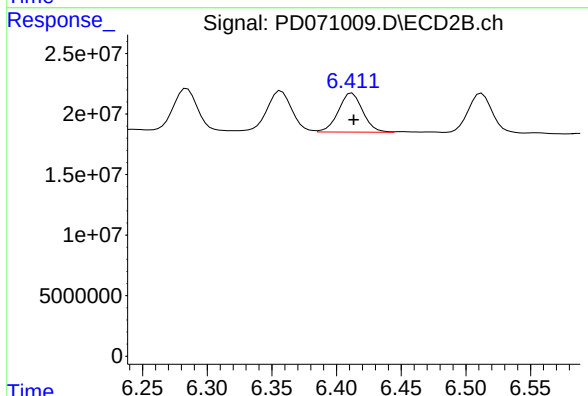
R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 46033635
Conc: 3.04 ng/ml



#9 Endosulfan I

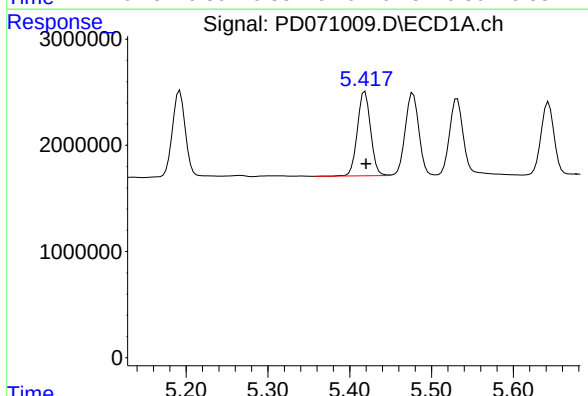
R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 8293331
Conc: 2.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



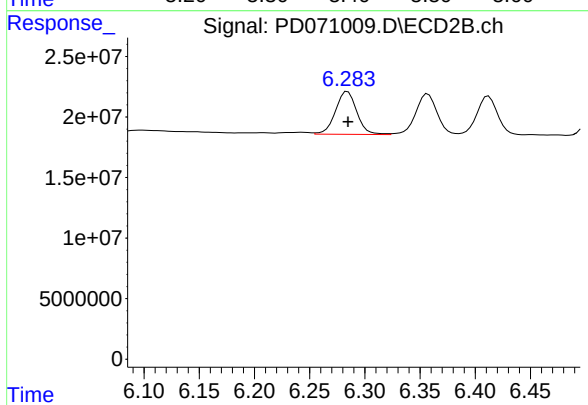
#9 Endosulfan I

R.T.: 6.412 min
Delta R.T.: -0.001 min
Response: 42360968
Conc: 2.92 ng/ml



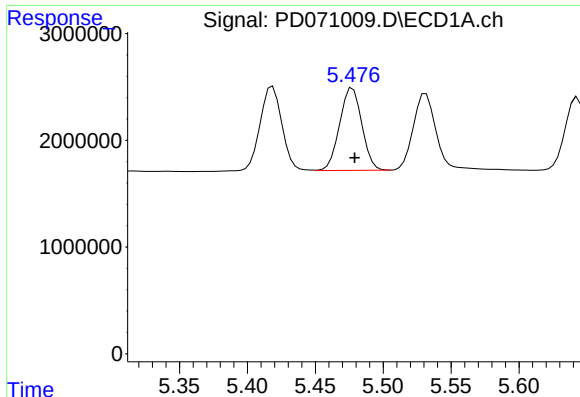
#10 gamma-Chlordane

R.T.: 5.419 min
Delta R.T.: -0.001 min
Response: 8901948
Conc: 2.29 ng/ml



#10 gamma-Chlordane

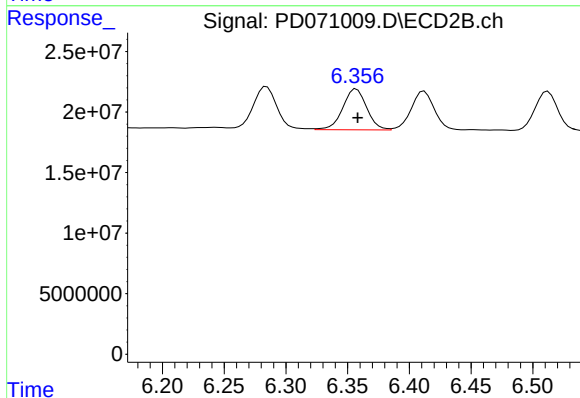
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 47548570
Conc: 3.01 ng/ml



#11 alpha-Chlordane

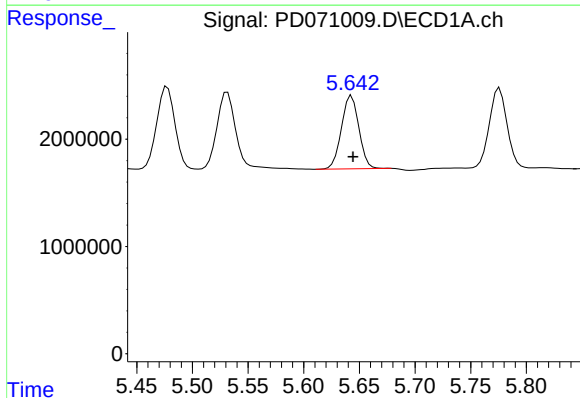
R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 8817331
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



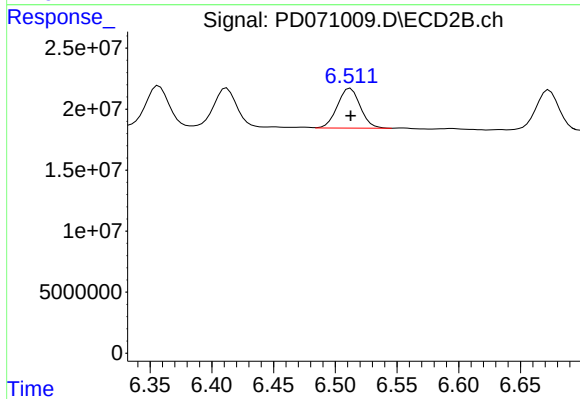
#11 alpha-Chlordane

R.T.: 6.357 min
Delta R.T.: -0.001 min
Response: 45488178
Conc: 2.96 ng/ml



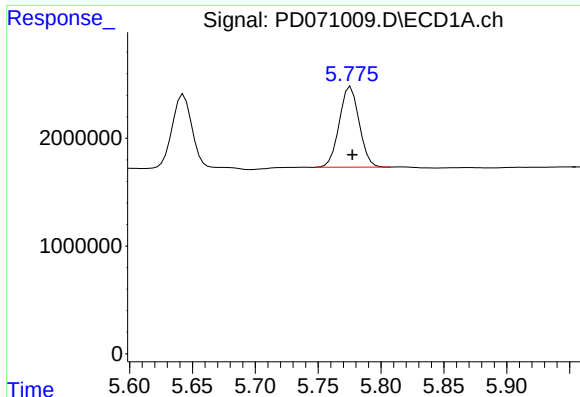
#12 4,4'-DDE

R.T.: 5.643 min
Delta R.T.: -0.001 min
Response: 7458073
Conc: 2.12 ng/ml



#12 4,4'-DDE

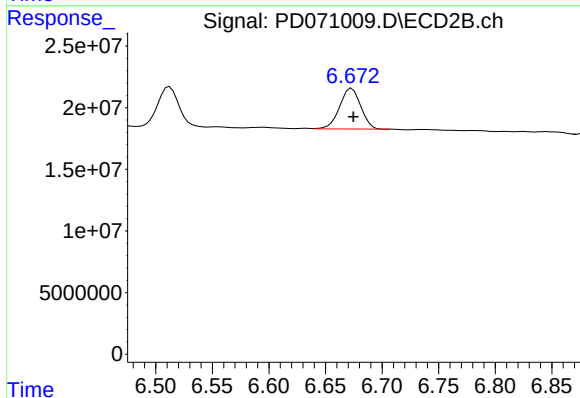
R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 41330810
Conc: 2.75 ng/ml



#13 Dieldrin

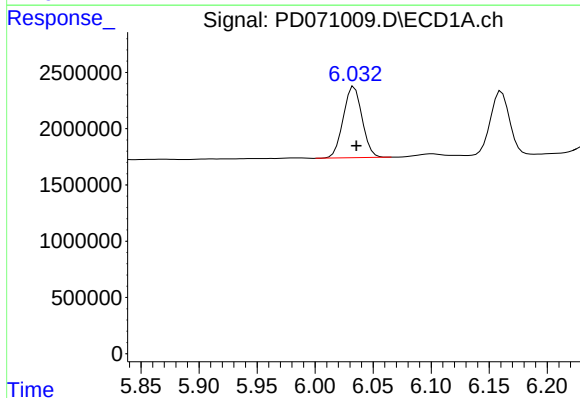
R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 8241613
Conc: 2.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



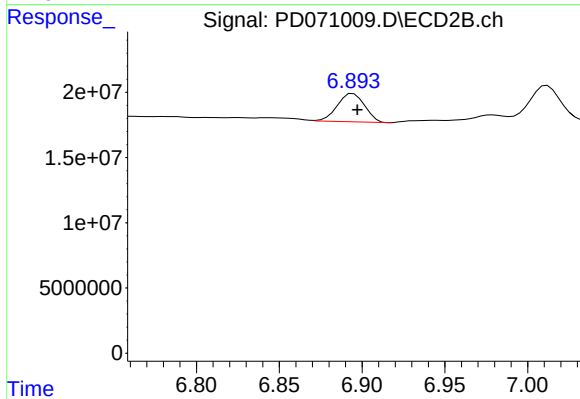
#13 Dieldrin

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 42777554
Conc: 2.80 ng/ml



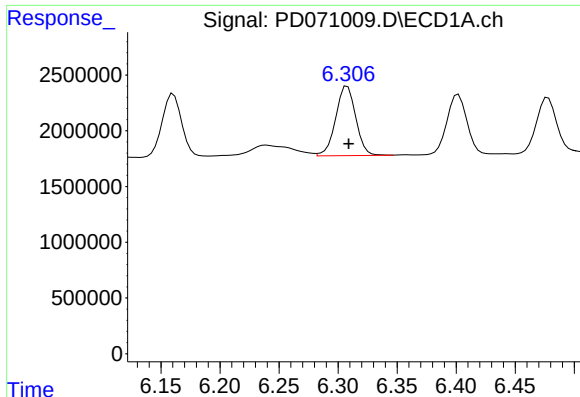
#14 Endrin

R.T.: 6.034 min
Delta R.T.: -0.002 min
Response: 7145953
Conc: 2.29 ng/ml



#14 Endrin

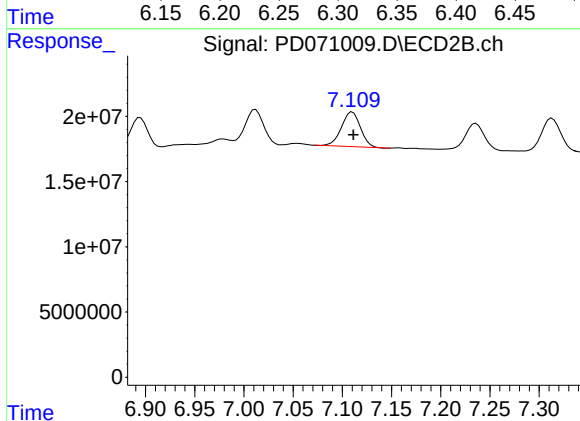
R.T.: 6.895 min
Delta R.T.: -0.003 min
Response: 25033041
Conc: 2.41 ng/ml



#15 Endosulfan II

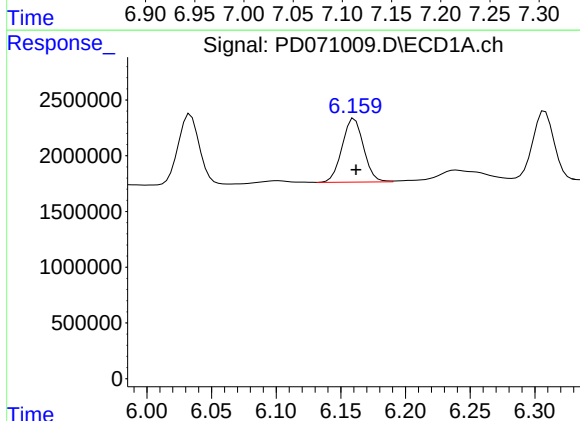
R.T.: 6.308 min
Delta R.T.: -0.001 min
Response: 7360216
Conc: 2.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



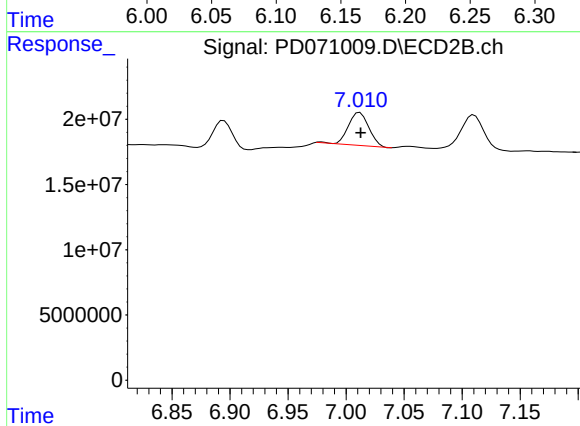
#15 Endosulfan II

R.T.: 7.110 min
Delta R.T.: -0.001 min
Response: 35913222
Conc: 2.87 ng/ml



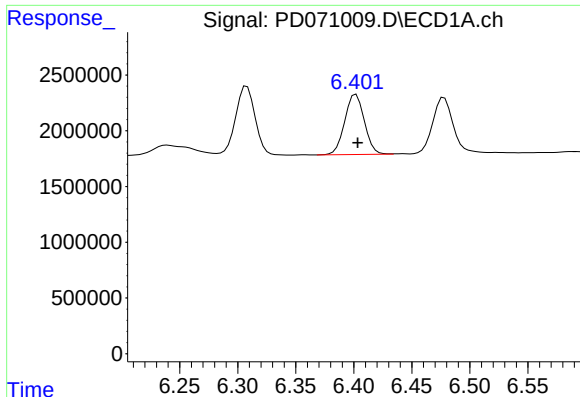
#16 4,4'-DDD

R.T.: 6.161 min
Delta R.T.: -0.001 min
Response: 6563504
Conc: 2.24 ng/ml



#16 4,4'-DDD

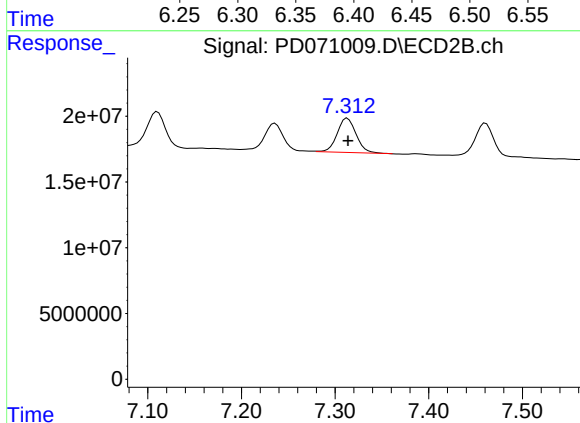
R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 31168353
Conc: 2.51 ng/ml



#17 4,4'-DDT

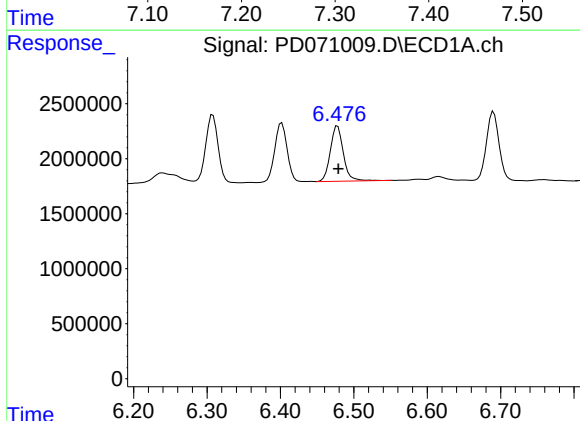
R.T.: 6.402 min
Delta R.T.: -0.001 min
Response: 6361467
Conc: 2.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



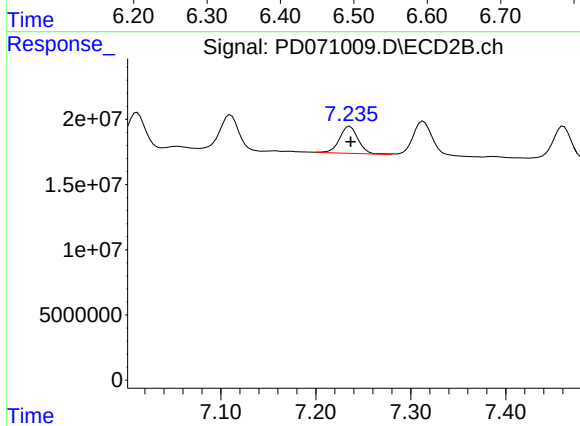
#17 4,4'-DDT

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 36404272
Conc: 2.72 ng/ml



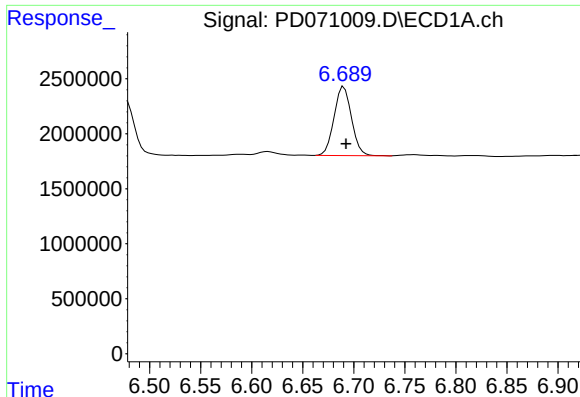
#18 Endrin aldehyde

R.T.: 6.478 min
Delta R.T.: -0.001 min
Response: 6217974
Conc: 2.59 ng/ml



#18 Endrin aldehyde

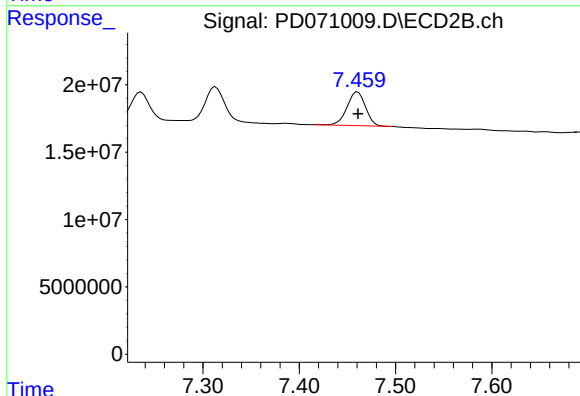
R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 28171575
Conc: 2.79 ng/ml



#19 Endosulfan Sulfate

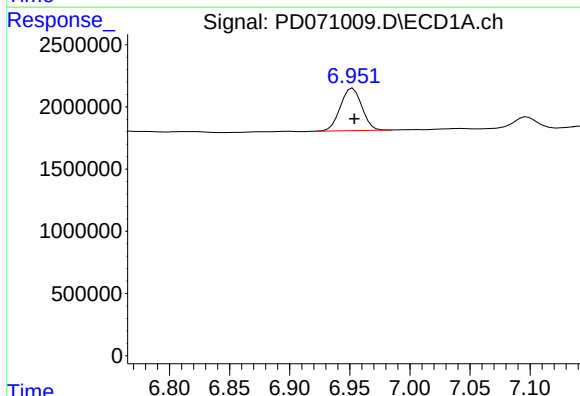
R.T.: 6.690 min
Delta R.T.: -0.002 min
Response: 7441946
Conc: 2.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



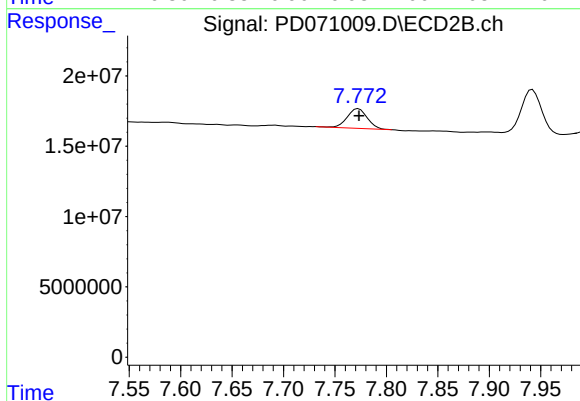
#19 Endosulfan Sulfate

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 33082247
Conc: 2.74 ng/ml



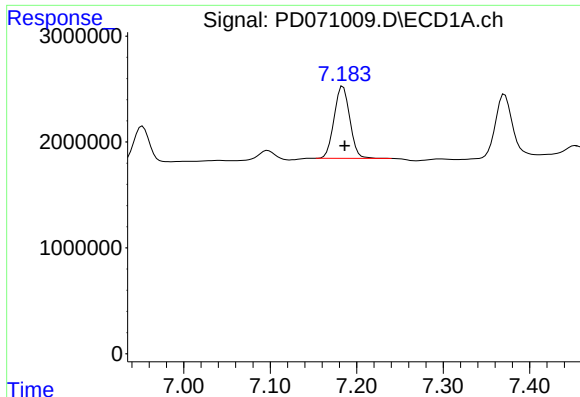
#20 Methoxychlor

R.T.: 6.952 min
Delta R.T.: -0.001 min
Response: 4259688
Conc: 2.58 ng/ml



#20 Methoxychlor

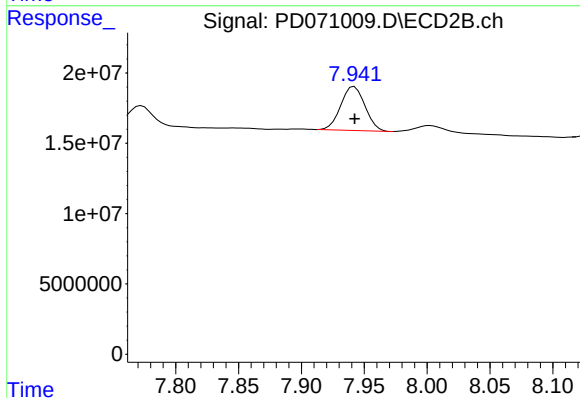
R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 18677885
Conc: 2.72 ng/ml



#21 Endrin ketone

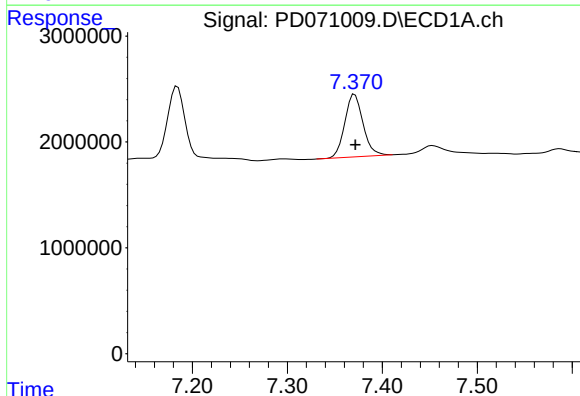
R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 8512993
Conc: 2.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



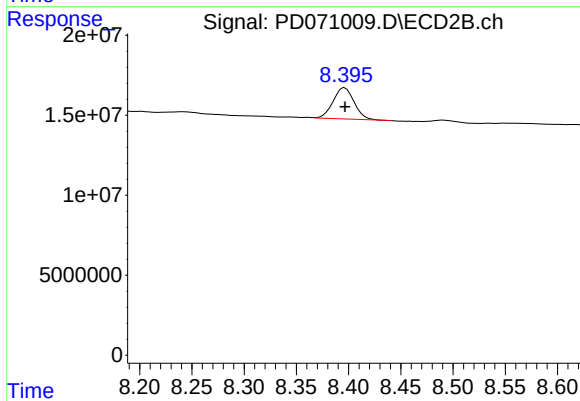
#21 Endrin ketone

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 41981310
Conc: 3.03 ng/ml



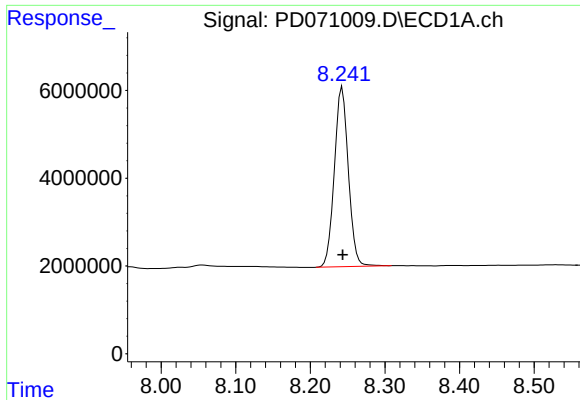
#22 Mirex

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 7904442
Conc: 2.85 ng/ml



#22 Mirex

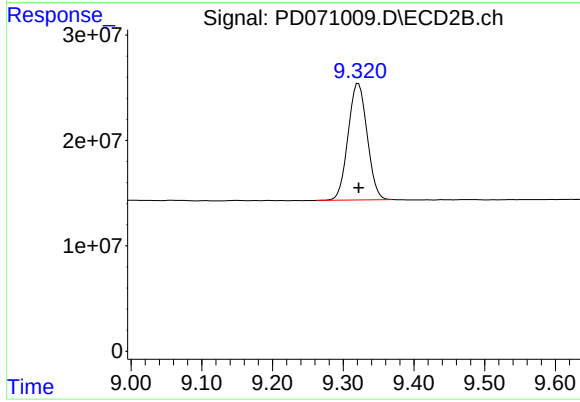
R.T.: 8.396 min
Delta R.T.: 0.000 min
Response: 27276327
Conc: 2.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 53473150
Conc: 17.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022



#28 Decachlorobiphenyl

R.T.: 9.321 min
Delta R.T.: 0.000 min
Response: 207270967
Conc: 18.17 ng/ml