

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112122\
 Data File : PD073161.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2022 12:52
 Operator : AR\AJ
 Sample : N4955-01
 Misc : PEST LOD 1PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 23:47:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111622.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 17 03:26:54 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...	2.703	3.457	37914731	1092.5E6	17.867	19.721
28)	SA Decachlor...	7.830	8.908	40570361	261.8E6	19.697	20.482
Target Compounds							
2)	A alpha-BHC	3.205	3.920	2231077	92037957	0.647	1.253 #
3)	MA gamma-BHC...	3.536	4.253	2201894	67295086	0.794	1.188 #
4)	MA Heptachlor	3.868	4.820	2778634	52338038	0.943	1.395 #
5)	MB Aldrin	4.148	5.159	2008421	39940299	0.675m	1.237 #
6)	B beta-BHC	3.836	4.467	1373818	19865028	1.073m	0.948m
7)	B delta-BHC	4.065	4.714	2455168	70133534	0.792m	1.723 #
8)	B Heptachlo...	4.651	5.591	2563238	34469167	0.959	1.287 #
9)	A Endosulfan I	5.020	5.975	2362674	35262630	0.944	1.434 #
10)	B gamma-Chl...	4.900	5.844	2686140	35685326	0.980	1.345m#
11)	B alpha-Chl...	4.963	5.920	2791058	37972890	1.038	1.470 #
12)	B 4,4'-DDE	5.151	6.094	2339475	30343569	0.914	1.221 #
13)	MA Dieldrin	5.286	6.253	2773872	32917546	1.051	1.308
14)	MA Endrin	5.562	6.484	2236086	13316272	0.923	0.615 #
15)	B Endosulfa...	5.859	6.714	2253806	22593481	1.042m	1.152
16)	A 4,4'-DDD	5.709	6.620	1882623	24604479	0.882	1.256 #
17)	MA 4,4'-DDT	5.957	6.926	1663373	22652215	0.868	1.213 #
18)	B Endrin al...	6.042	6.844	2025477	21363606	1.178	1.433
19)	B Endosulfa...	6.265	7.078	2369290	21939582	1.077	1.254
20)	A Methoxychlor	6.542	7.405	1940666	12152460	1.688	1.388
21)	B Endrin ke...	6.774	7.567	4779271	24257889	1.910	1.299 #
22)	Mirex	6.939	8.014	2342404	12640712	1.276	1.062

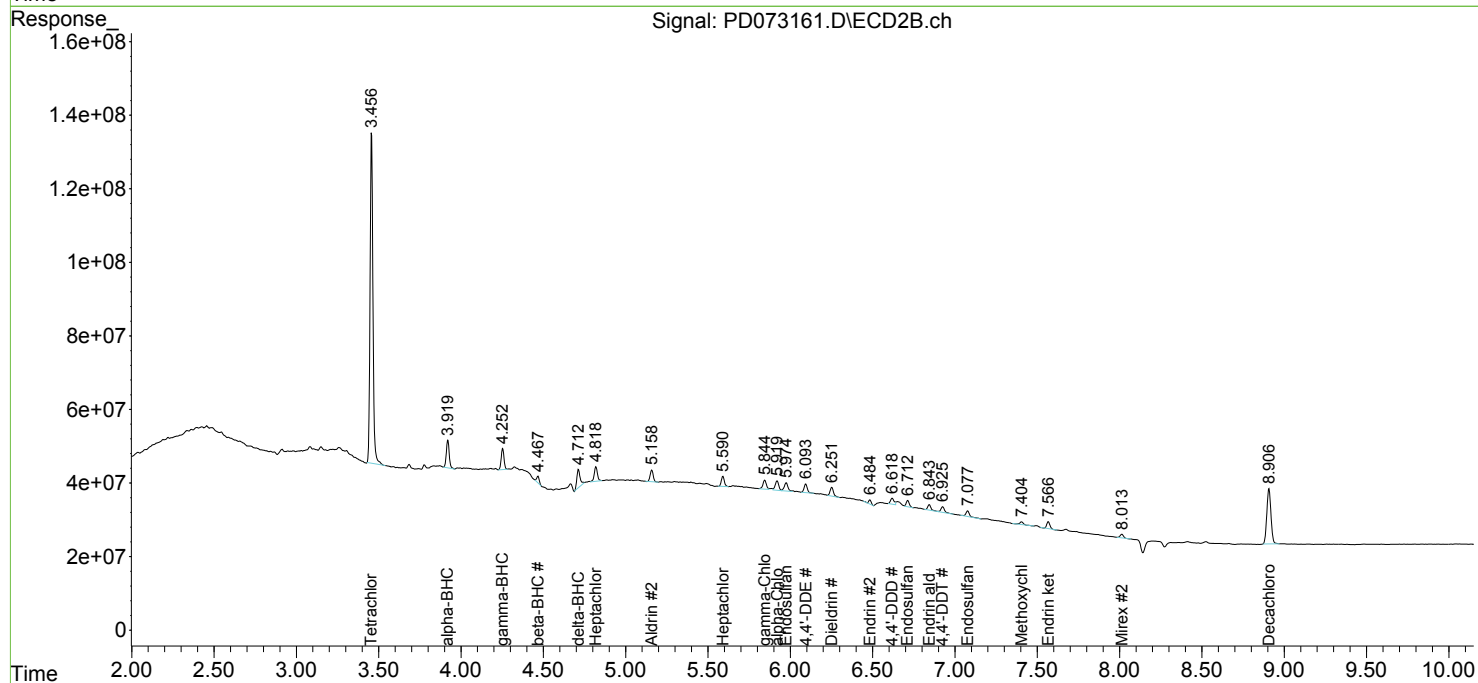
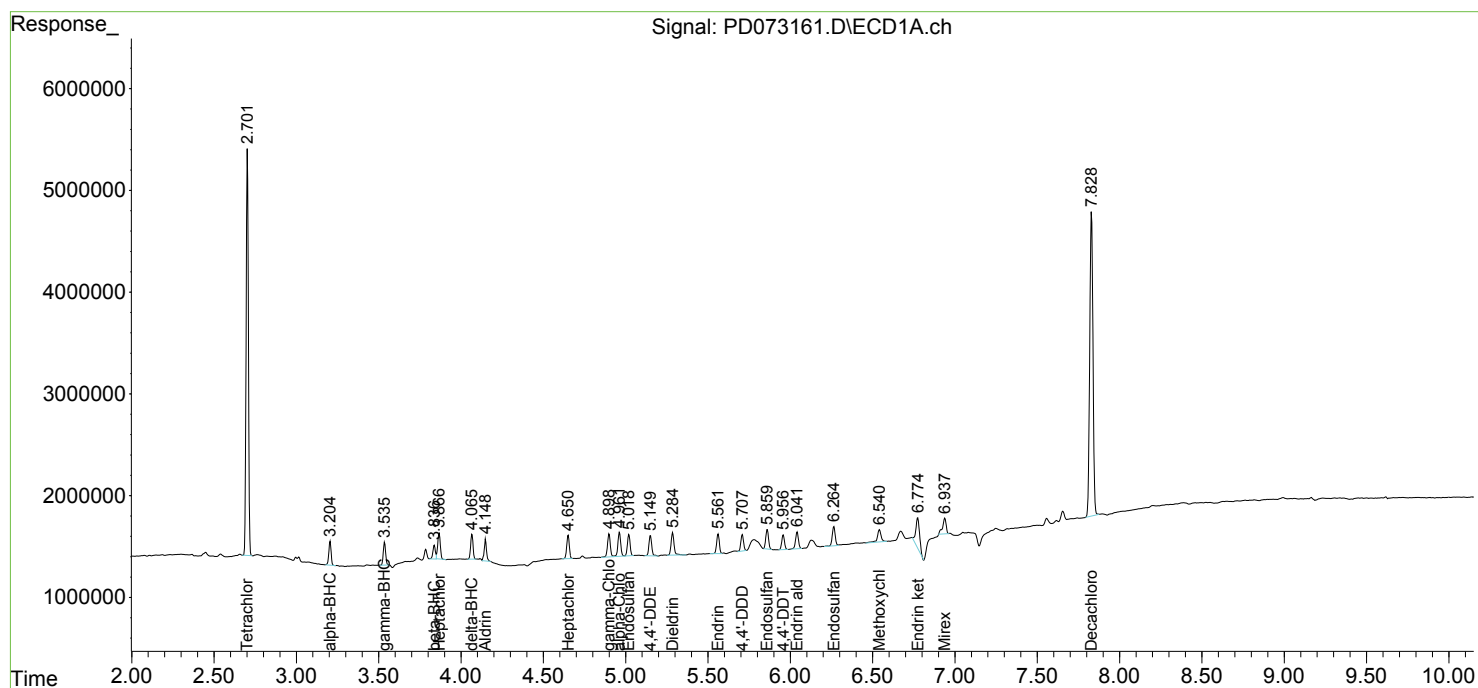
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

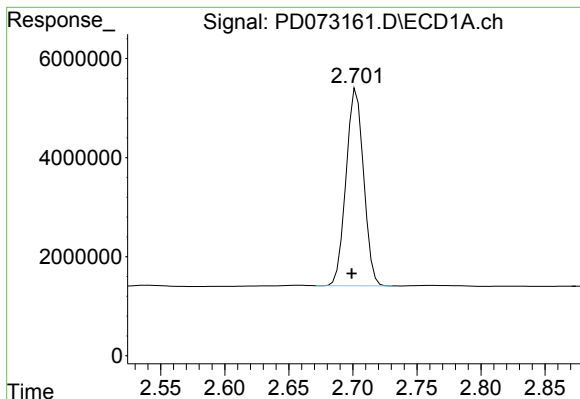
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112122\
Data File : PD073161.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2022 12:52
Operator : AR\AJ
Sample : N4955-01
Misc : PEST LOD 1PPB
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 23:47:42 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD11622.M
Quant Title : GC Extractables
QLast Update : Thu Nov 17 03:26:54 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

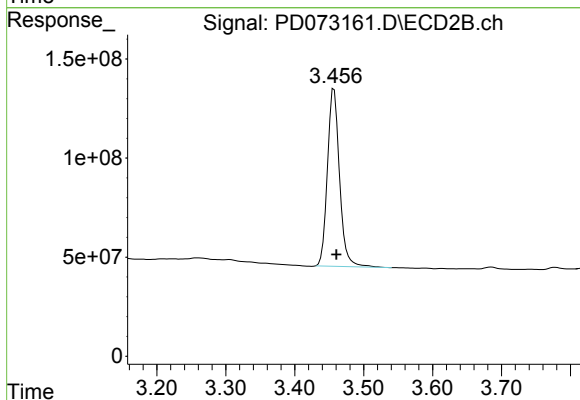




#1 Tetrachloro-m-xylene

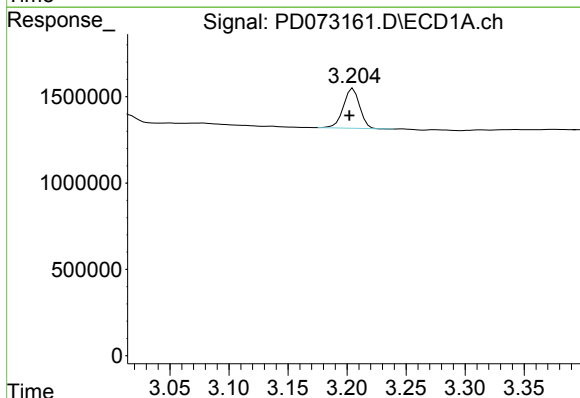
R.T.: 2.703 min
Delta R.T.: 0.004 min
Response: 37914731
Conc: 17.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



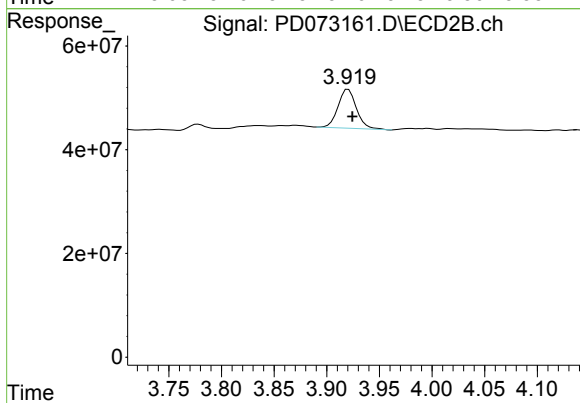
#1 Tetrachloro-m-xylene

R.T.: 3.457 min
Delta R.T.: -0.003 min
Response: 1092545927
Conc: 19.72 ng/ml



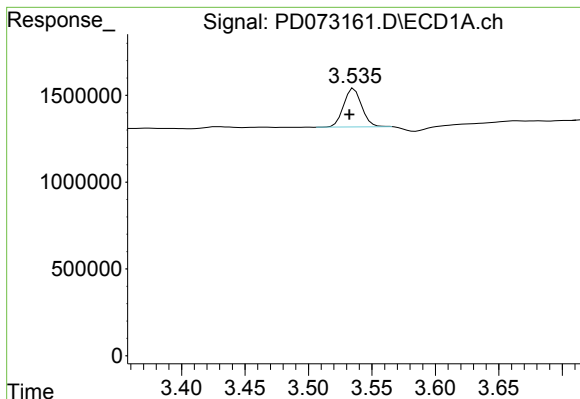
#2 alpha-BHC

R.T.: 3.205 min
Delta R.T.: 0.003 min
Response: 2231077
Conc: 0.65 ng/ml



#2 alpha-BHC

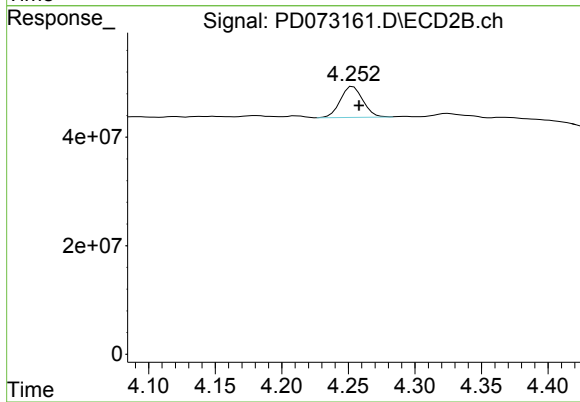
R.T.: 3.920 min
Delta R.T.: -0.004 min
Response: 92037957
Conc: 1.25 ng/ml



#3 gamma-BHC (Lindane)

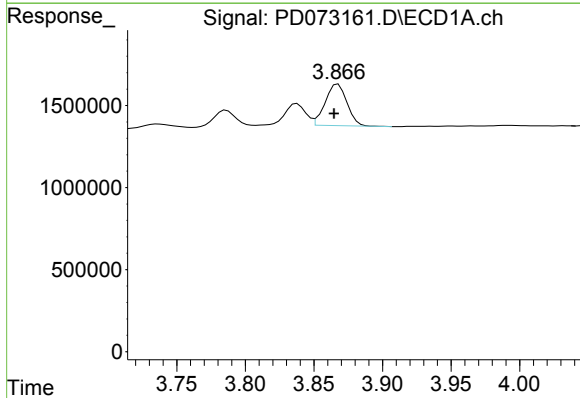
R.T.: 3.536 min
Delta R.T.: 0.004 min
Response: 2201894
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



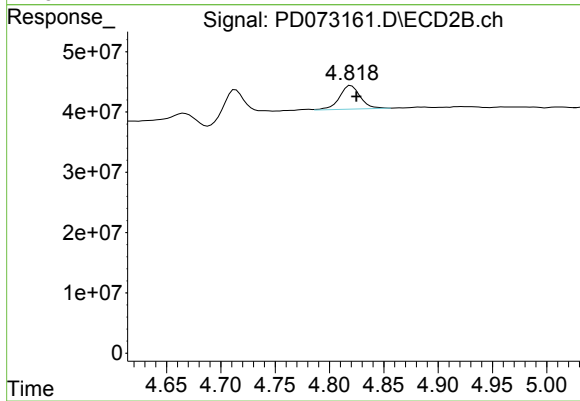
#3 gamma-BHC (Lindane)

R.T.: 4.253 min
Delta R.T.: -0.005 min
Response: 67295086
Conc: 1.19 ng/ml



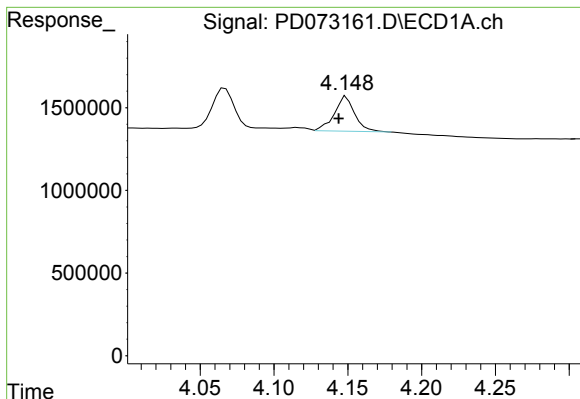
#4 Heptachlor

R.T.: 3.868 min
Delta R.T.: 0.003 min
Response: 2778634
Conc: 0.94 ng/ml



#4 Heptachlor

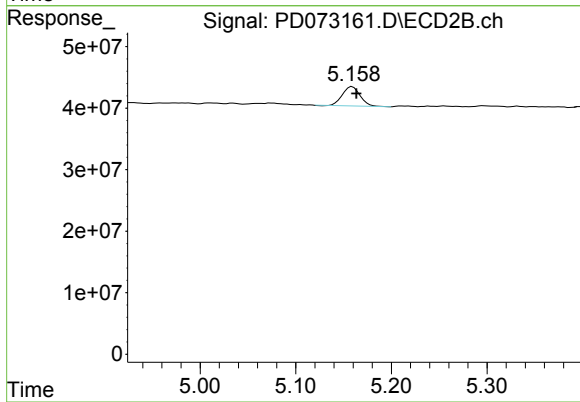
R.T.: 4.820 min
Delta R.T.: -0.005 min
Response: 52338038
Conc: 1.40 ng/ml



#5 Aldrin

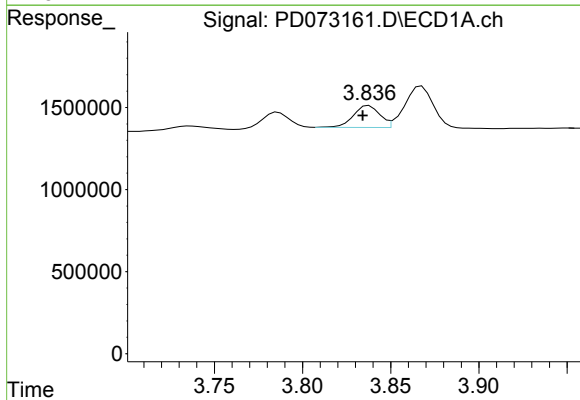
R.T.: 4.148 min
Delta R.T.: 0.004 min
Response: 2008421
Conc: 0.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



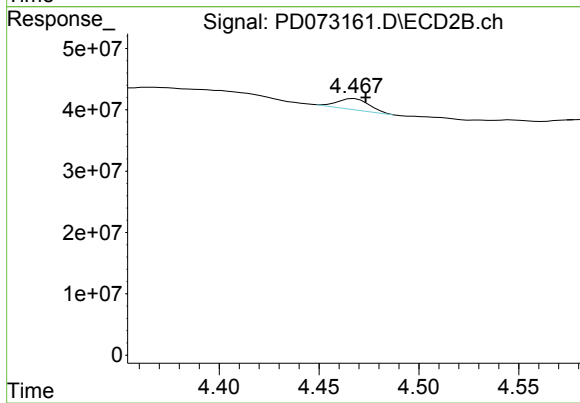
#5 Aldrin

R.T.: 5.159 min
Delta R.T.: -0.004 min
Response: 39940299
Conc: 1.24 ng/ml



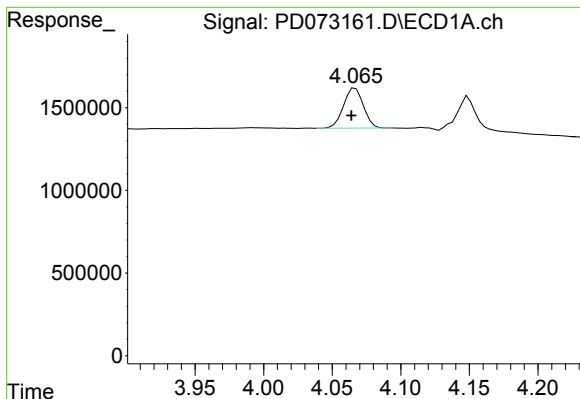
#6 beta-BHC

R.T.: 3.836 min
Delta R.T.: 0.002 min
Response: 1373818
Conc: 1.07 ng/ml m



#6 beta-BHC

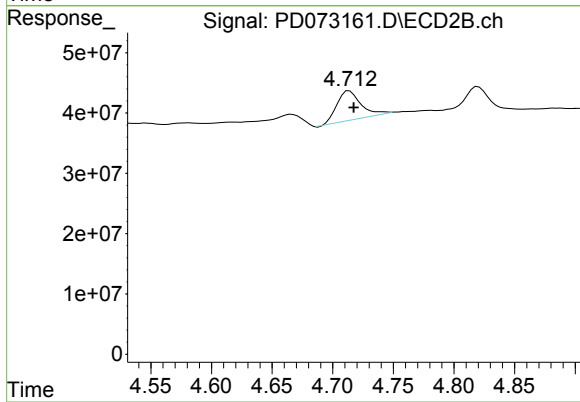
R.T.: 4.467 min
Delta R.T.: -0.006 min
Response: 19865028
Conc: 0.95 ng/ml m



#7 delta-BHC

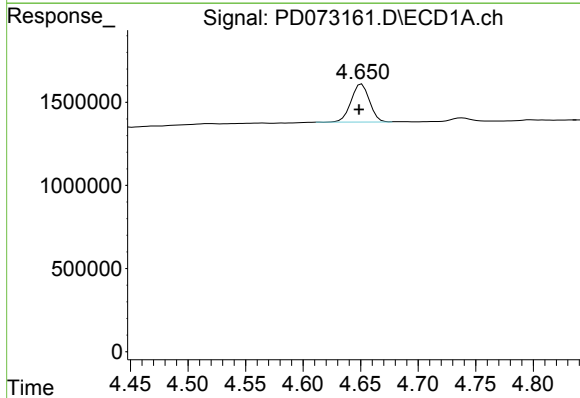
R.T.: 4.065 min
Delta R.T.: 0.001 min
Response: 2455168
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



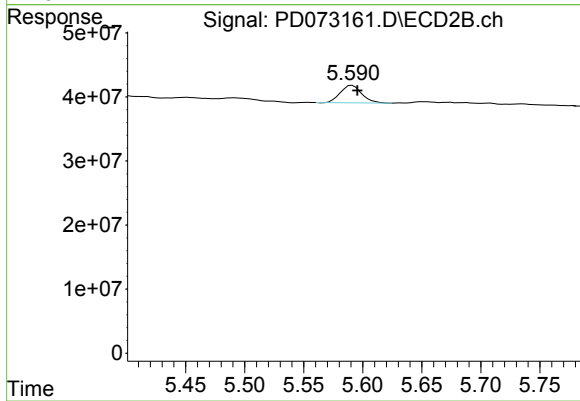
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: -0.004 min
Response: 70133534
Conc: 1.72 ng/ml



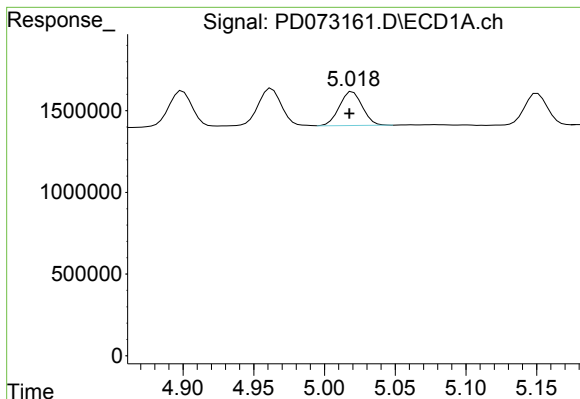
#8 Heptachlor epoxide

R.T.: 4.651 min
Delta R.T.: 0.002 min
Response: 2563238
Conc: 0.96 ng/ml



#8 Heptachlor epoxide

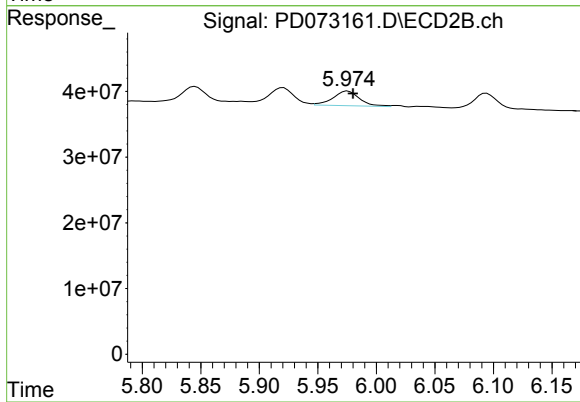
R.T.: 5.591 min
Delta R.T.: -0.004 min
Response: 34469167
Conc: 1.29 ng/ml



#9 Endosulfan I

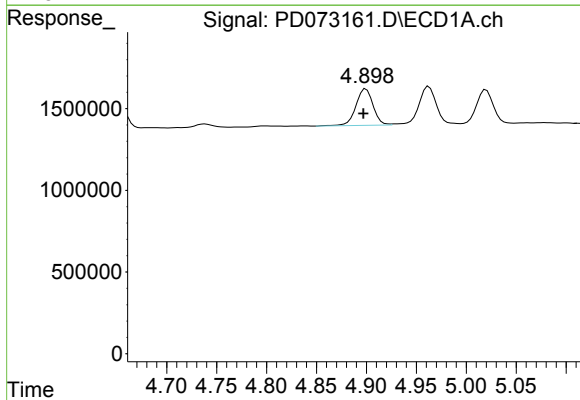
R.T.: 5.020 min
Delta R.T.: 0.002 min
Response: 2362674
Conc: 0.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



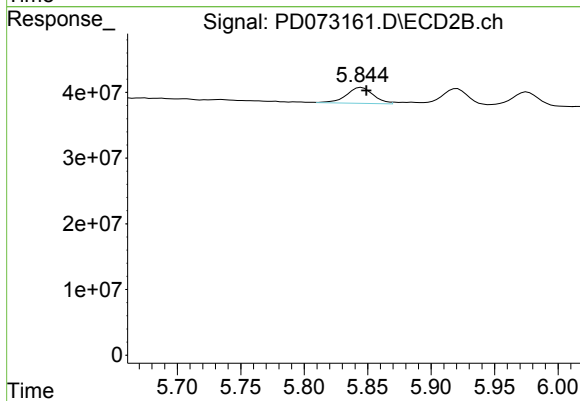
#9 Endosulfan I

R.T.: 5.975 min
Delta R.T.: -0.004 min
Response: 35262630
Conc: 1.43 ng/ml



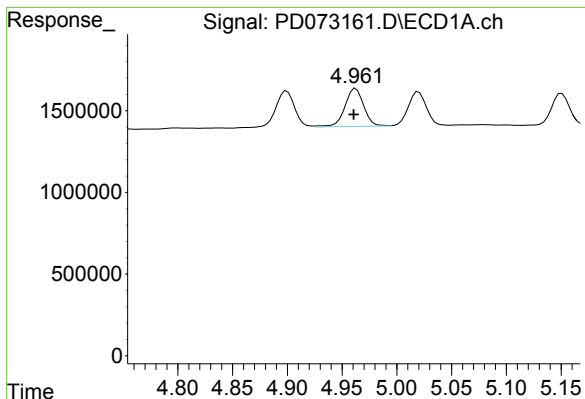
#10 gamma-Chlordane

R.T.: 4.900 min
Delta R.T.: 0.003 min
Response: 2686140
Conc: 0.98 ng/ml



#10 gamma-Chlordane

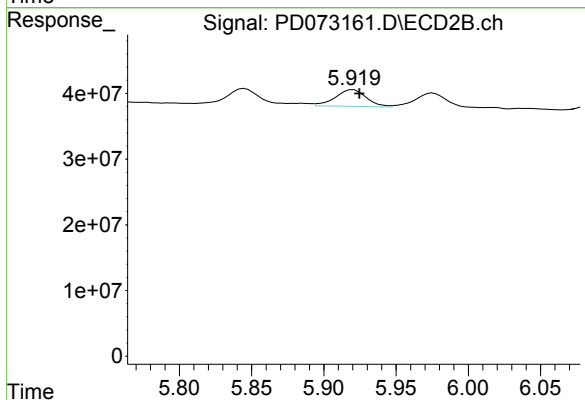
R.T.: 5.844 min
Delta R.T.: -0.005 min
Response: 35685326
Conc: 1.35 ng/ml m



#11 alpha-Chlordane

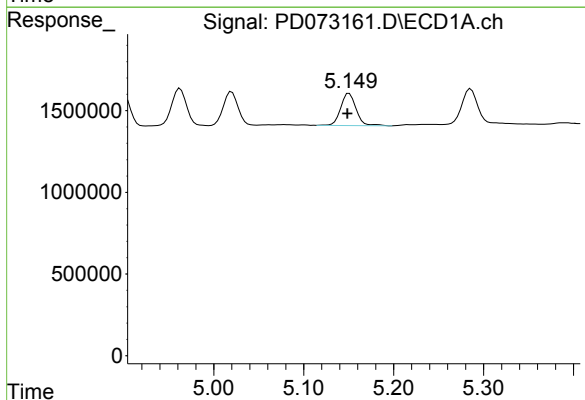
R.T.: 4.963 min
Delta R.T.: 0.002 min
Response: 2791058
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



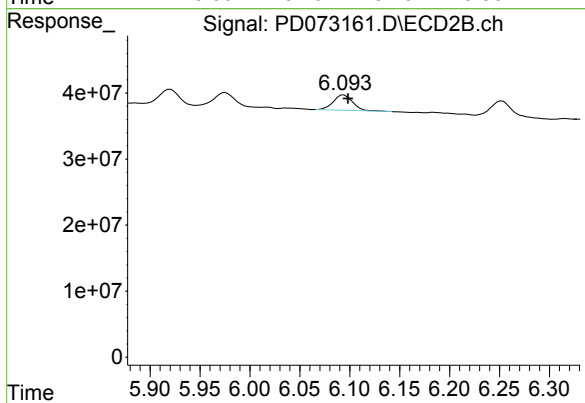
#11 alpha-Chlordane

R.T.: 5.920 min
Delta R.T.: -0.004 min
Response: 37972890
Conc: 1.47 ng/ml



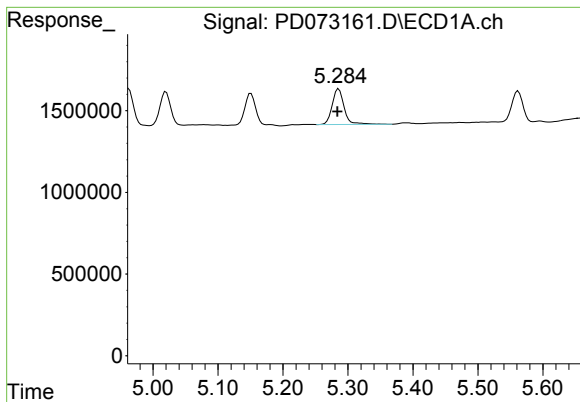
#12 4,4'-DDE

R.T.: 5.151 min
Delta R.T.: 0.002 min
Response: 2339475
Conc: 0.91 ng/ml



#12 4,4'-DDE

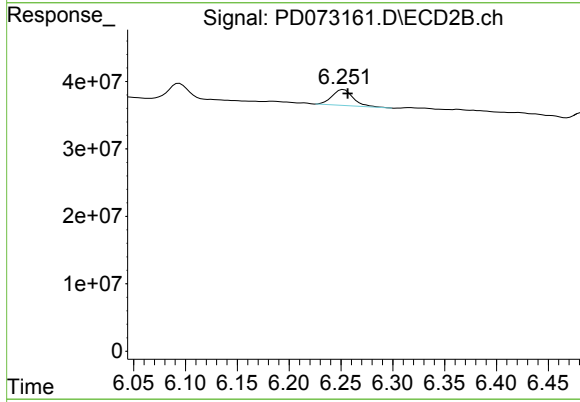
R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 30343569
Conc: 1.22 ng/ml



#13 Dieldrin

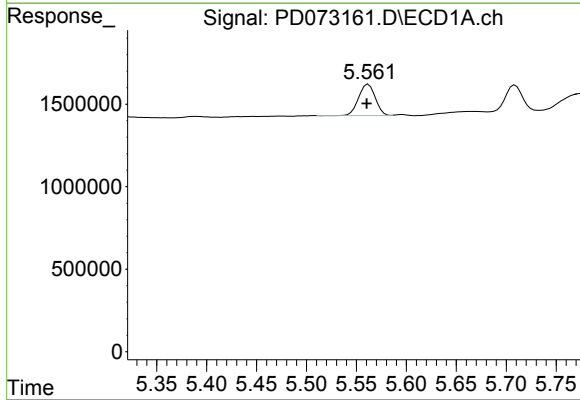
R.T.: 5.286 min
Delta R.T.: 0.002 min
Response: 2773872
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



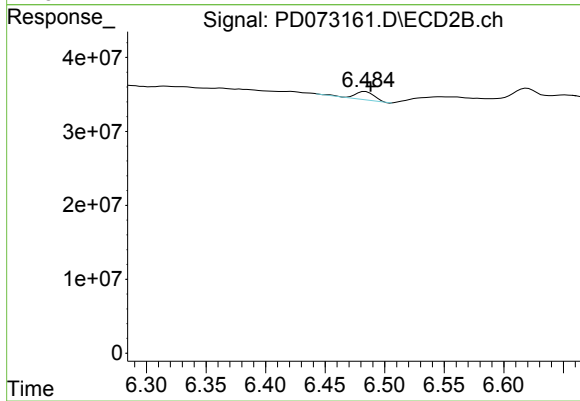
#13 Dieldrin

R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 32917546
Conc: 1.31 ng/ml



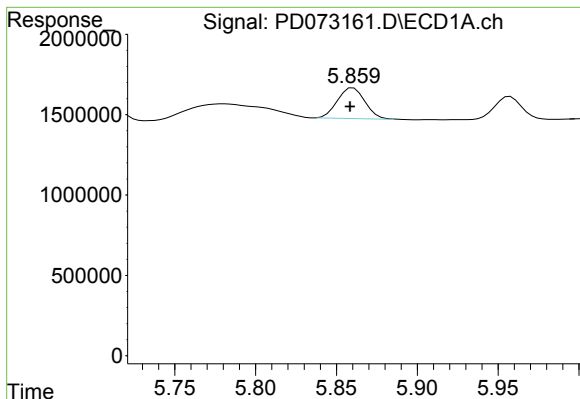
#14 Endrin

R.T.: 5.562 min
Delta R.T.: 0.002 min
Response: 2236086
Conc: 0.92 ng/ml



#14 Endrin

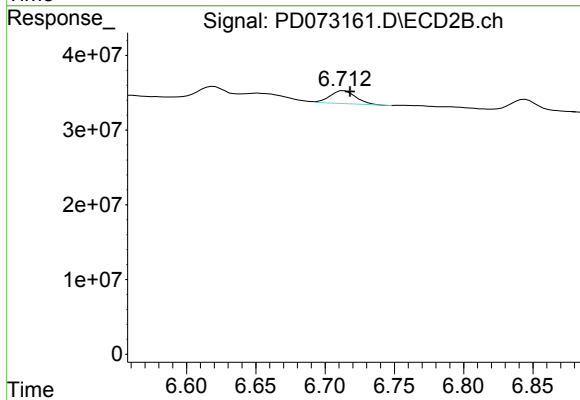
R.T.: 6.484 min
Delta R.T.: -0.004 min
Response: 13316272
Conc: 0.61 ng/ml



#15 Endosulfan II

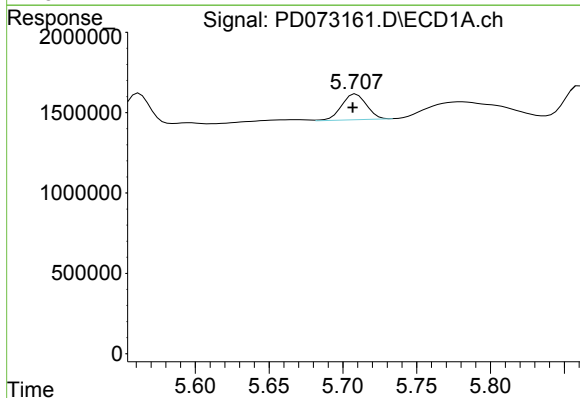
R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 2253806
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



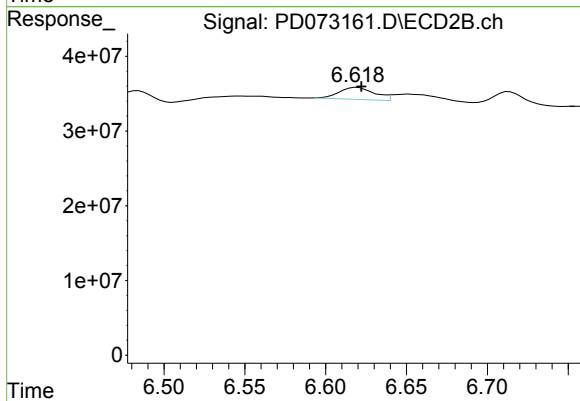
#15 Endosulfan II

R.T.: 6.714 min
Delta R.T.: -0.004 min
Response: 22593481
Conc: 1.15 ng/ml



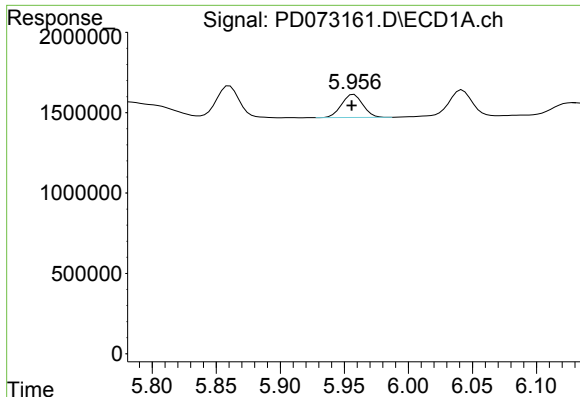
#16 4,4'-DDD

R.T.: 5.709 min
Delta R.T.: 0.002 min
Response: 1882623
Conc: 0.88 ng/ml



#16 4,4'-DDD

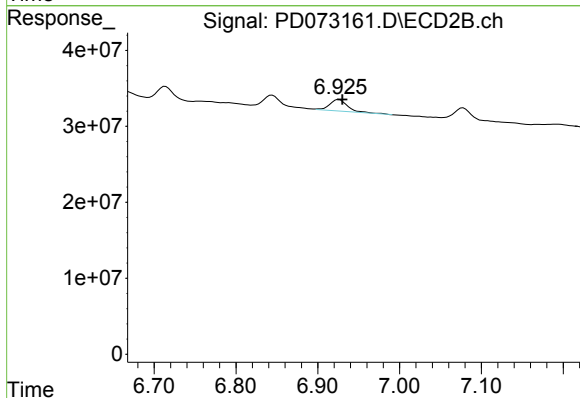
R.T.: 6.620 min
Delta R.T.: -0.003 min
Response: 24604479
Conc: 1.26 ng/ml



#17 4,4'-DDT

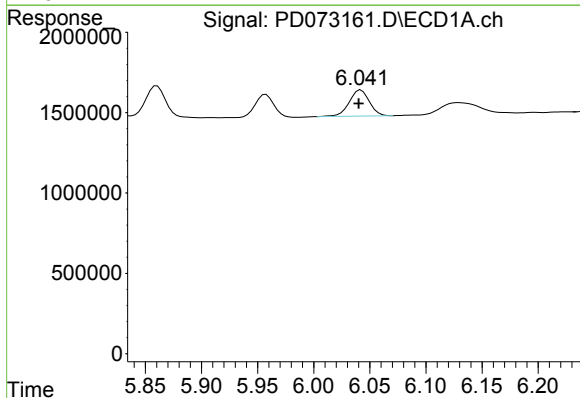
R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 1663373
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



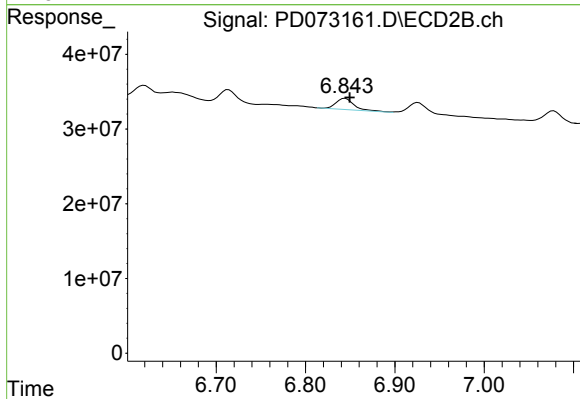
#17 4,4'-DDT

R.T.: 6.926 min
Delta R.T.: -0.004 min
Response: 22652215
Conc: 1.21 ng/ml



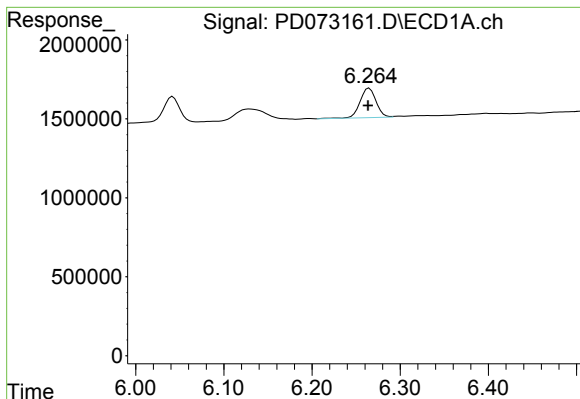
#18 Endrin aldehyde

R.T.: 6.042 min
Delta R.T.: 0.002 min
Response: 2025477
Conc: 1.18 ng/ml



#18 Endrin aldehyde

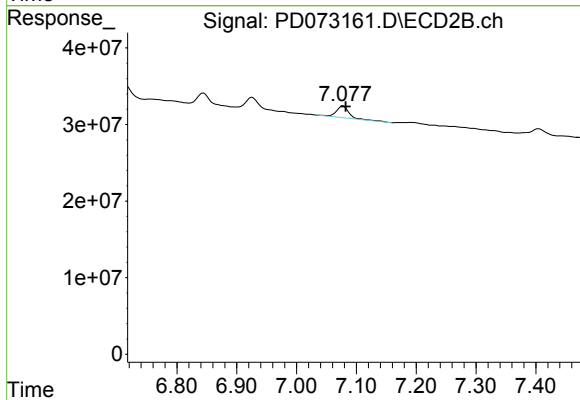
R.T.: 6.844 min
Delta R.T.: -0.005 min
Response: 21363606
Conc: 1.43 ng/ml



#19 Endosulfan Sulfate

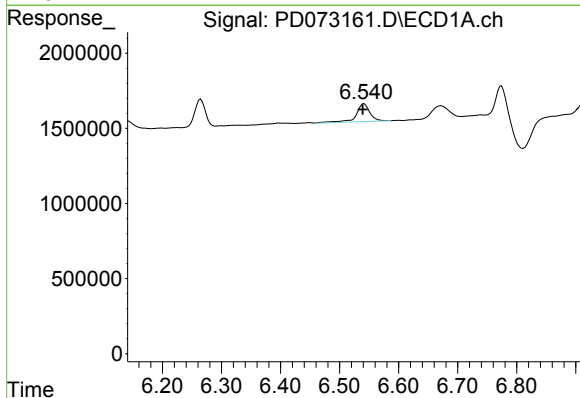
R.T.: 6.265 min
Delta R.T.: 0.001 min
Response: 2369290
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



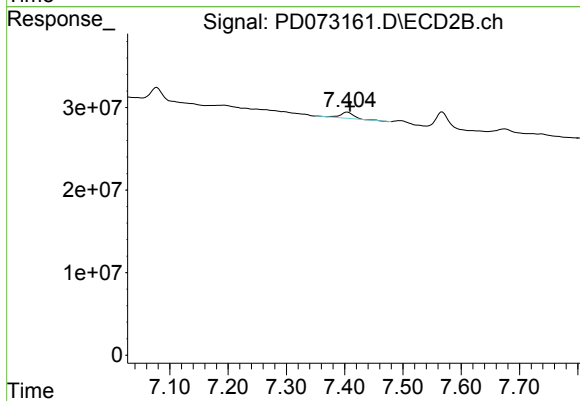
#19 Endosulfan Sulfate

R.T.: 7.078 min
Delta R.T.: -0.005 min
Response: 21939582
Conc: 1.25 ng/ml



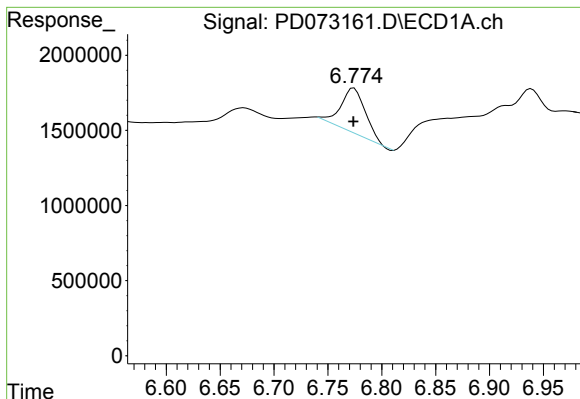
#20 Methoxychlor

R.T.: 6.542 min
Delta R.T.: 0.002 min
Response: 1940666
Conc: 1.69 ng/ml



#20 Methoxychlor

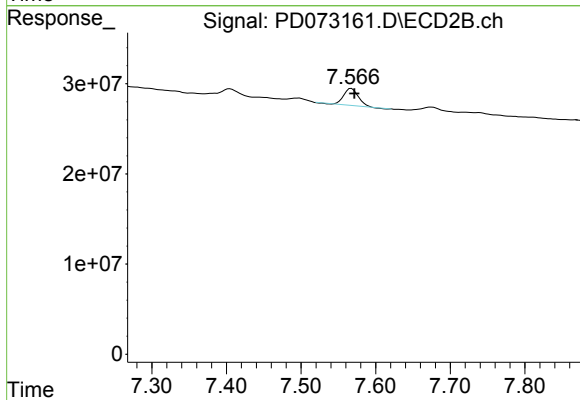
R.T.: 7.405 min
Delta R.T.: -0.005 min
Response: 12152460
Conc: 1.39 ng/ml



#21 Endrin ketone

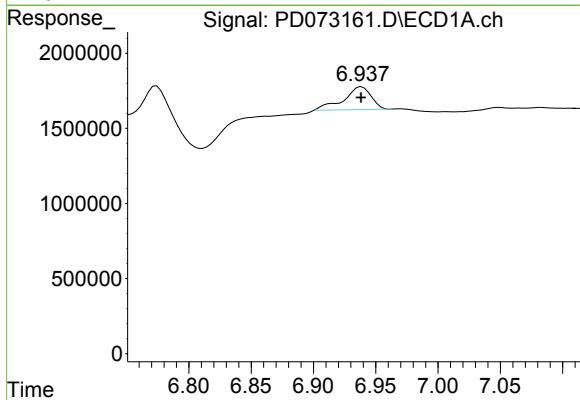
R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 4779271
Conc: 1.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



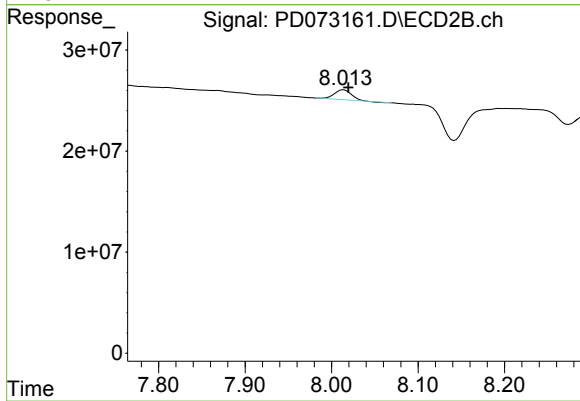
#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: -0.004 min
Response: 24257889
Conc: 1.30 ng/ml



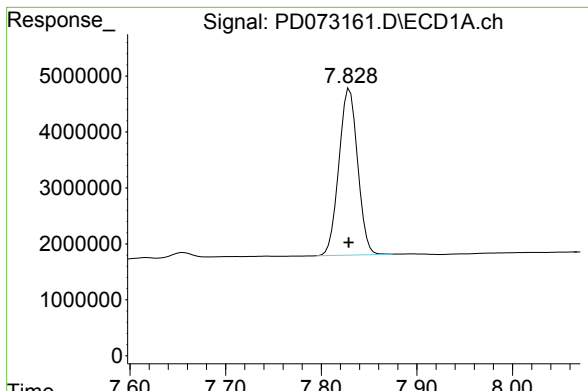
#22 Mirex

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 2342404
Conc: 1.28 ng/ml



#22 Mirex

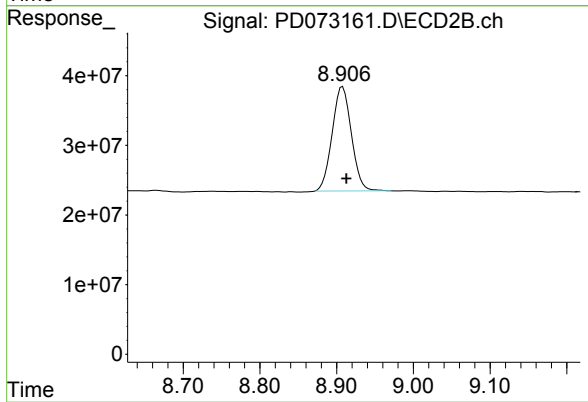
R.T.: 8.014 min
Delta R.T.: -0.005 min
Response: 12640712
Conc: 1.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.830 min
Delta R.T.: 0.000 min
Response: 40570361
Conc: 19.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



#28 Decachlorobiphenyl

R.T.: 8.908 min
Delta R.T.: -0.005 min
Response: 261781660
Conc: 20.48 ng/ml