

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052324\
 Data File : PD082949.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 May 2024 13:19
 Operator : AR\AJ
 Sample : P2409-04
 Misc : PEST MDL SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-QT2-2024-04

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 22:49:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051924CLP.M
 Quant Title : GC Extractables
 QLast Update : Fri May 17 05:17:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

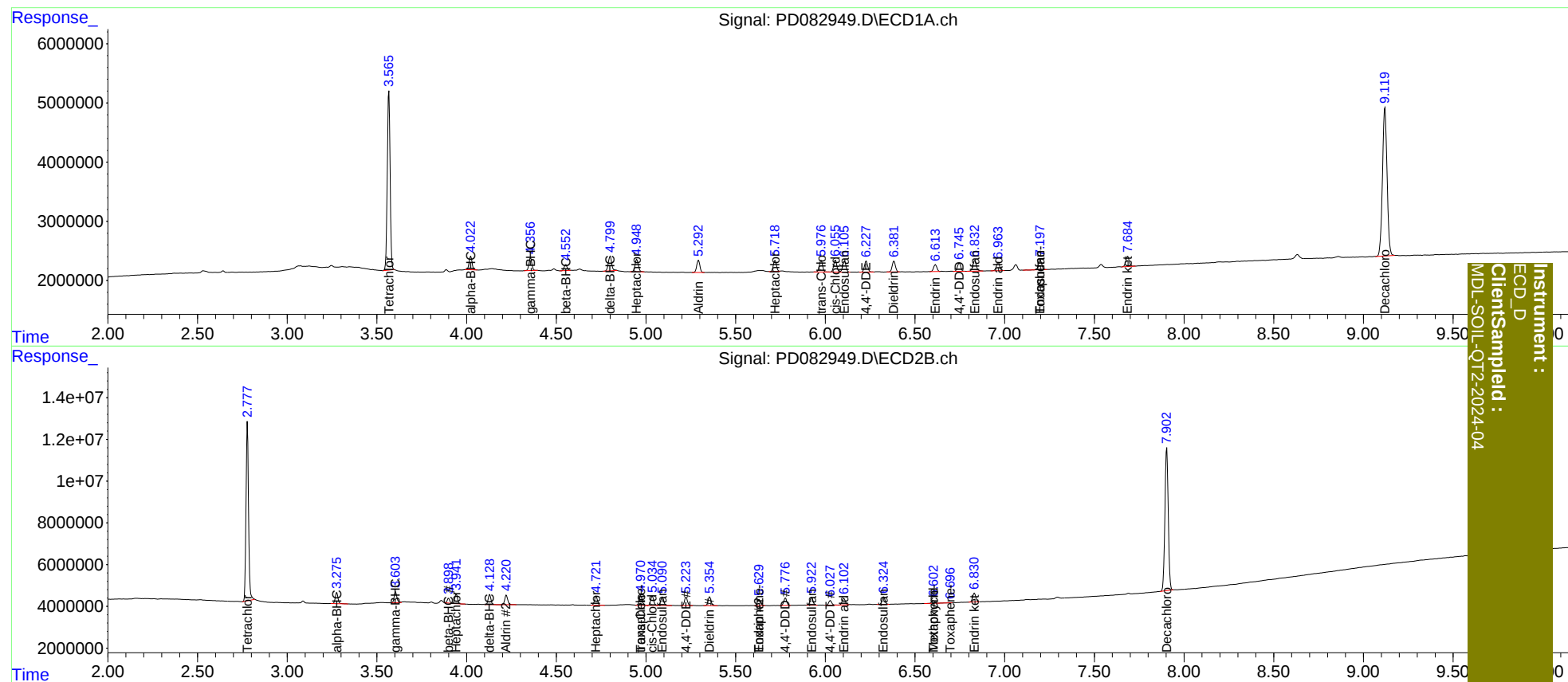
System Monitoring Compounds							
1)	SA Tetrachlo...	3.567	2.778	32972823	84162978	22.044	21.643
27)	SA Decachlor...	9.120	7.904	44429946	88310006	22.166	22.320
Target Compounds							
2)	A alpha-BHC	4.023	3.276	2550668	5727936	1.000	0.921
3)	MA gamma-BHC...	4.357	3.604	2462321	5611024	0.998	0.970
4)	MA Heptachlor	4.949	3.943	2716547	4852822	1.079	0.872
5)	MB Aldrin	5.293	4.222	2567127	5470622	1.060	0.990
6)	B beta-BHC	4.553	3.900	1117278	2246792	1.030	0.896
7)	B delta-BHC	4.801	4.129	3235198	5217643	1.321	0.882 #
8)	B Heptachlo...	5.720	4.722	2221253	5008899	0.995	0.980
9)	A Endosulfan I	6.107	5.092	2404178	4909901	1.155	1.089
10)	B trans-Chl...	5.977	4.972	2457255	5506269	1.135	1.106
11)	B cis-Chlor...	6.056	5.036	2461712	5319399	1.102	1.047
12)	B 4,4'-DDE	6.228	5.224	2339798	4602578	1.073	0.965
13)	MA Dieldrin	6.383	5.355	2297298	4861781	1.045	0.973
14)	MA Endrin	6.614	5.631	1506985	3567497	0.845	0.816
15)	B Endosulfa...	6.833	5.924	2446924	4516792	1.270	1.072
16)	A 4,4'-DDD	6.747	5.778	1775475	4136246	1.145	1.099
17)	MA 4,4'-DDT	0.000	6.028	0	2661715	N.D.	0.693
18)	B Endrin al...	6.964	6.104	1796565	3861449	1.293	1.224
19)	B Endosulfa...	7.199	6.326	2076709	4259161	1.177	1.059
20)	A Methoxychlor	0.000	6.603	0	1496401	N.D.	0.763
21)	B Endrin ke...	7.686	6.831	2296452	5190986	1.218	1.154
22)	Toxaphene-1	0.000	4.972	0	5506269	N.D.	207.971
23)	Toxaphene-2	0.000	5.631f	0	3567497	N.D.	124.985
24)	Toxaphene-3	0.000	6.603	0	1496401	N.D.	16.025
25)	Toxaphene-4	7.199	6.699	2076709	89405	53.208	0.701 #

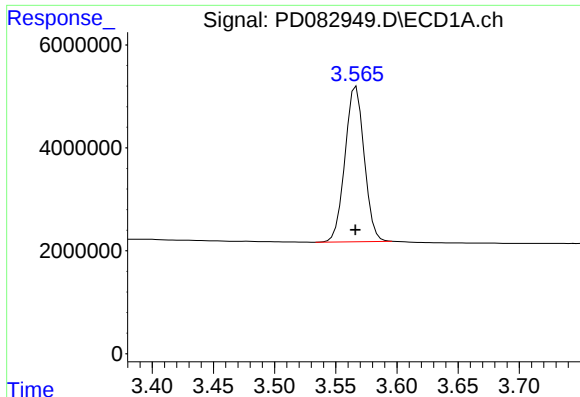
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052324\
Data File : PD082949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 May 2024 13:19
Operator : AR\AJ
Sample : P2409-04
Misc : PEST MDL SOIL
ALS Vial : 9 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 22:49:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051924CLP.M
Quant Title : GC Extractables
QLast Update : Fri May 17 05:17:58 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

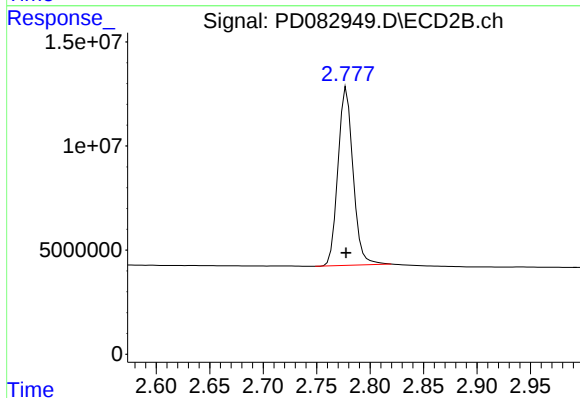




#1 Tetrachloro-m-xylene

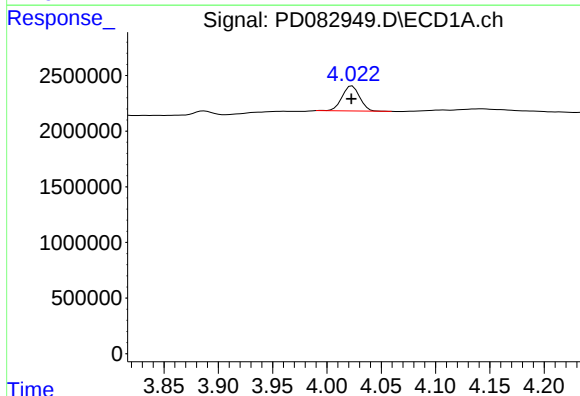
R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 32972823
Conc: 22.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-04



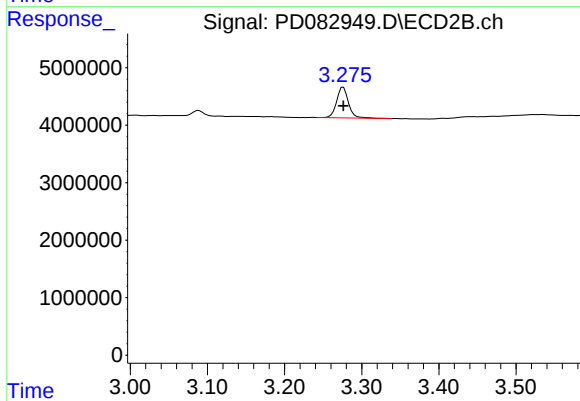
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 84162978
Conc: 21.64 ng/ml



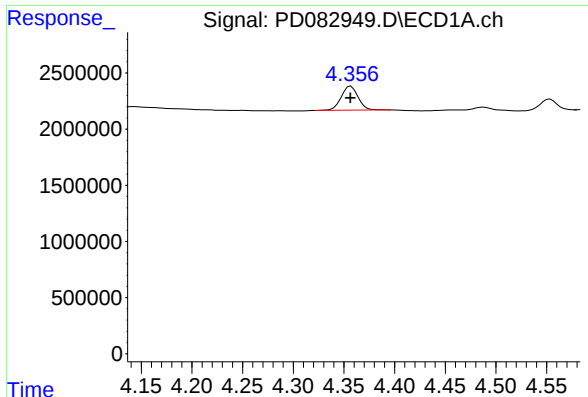
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2550668
Conc: 1.00 ng/ml



#2 alpha-BHC

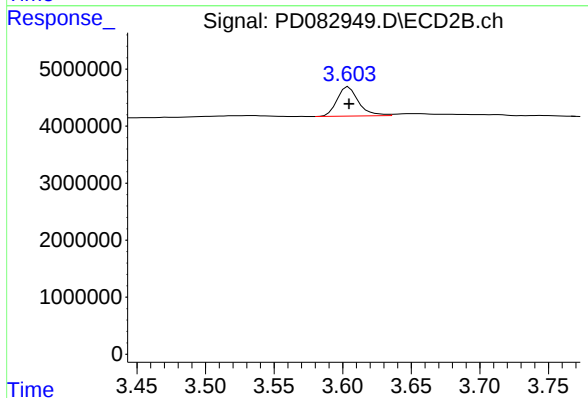
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 5727936
Conc: 0.92 ng/ml



#3 gamma-BHC (Lindane)

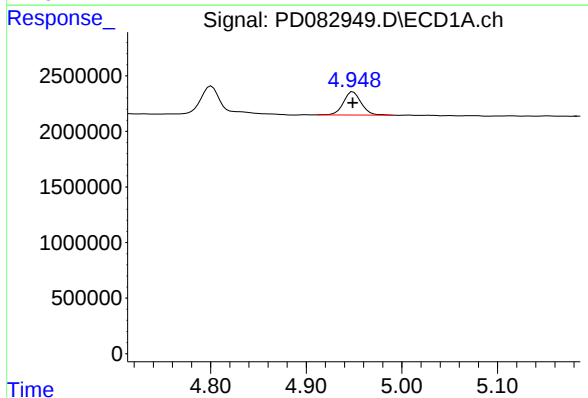
R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 2462321
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-04



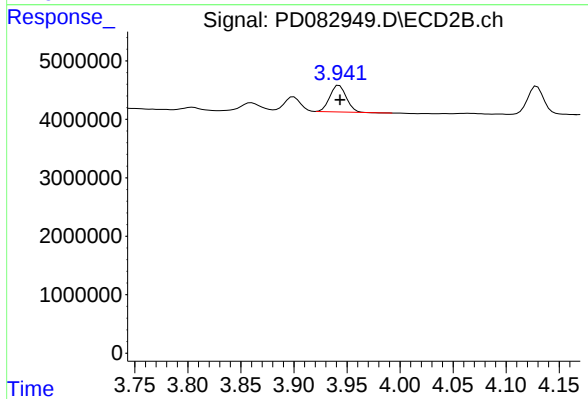
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 5611024
Conc: 0.97 ng/ml



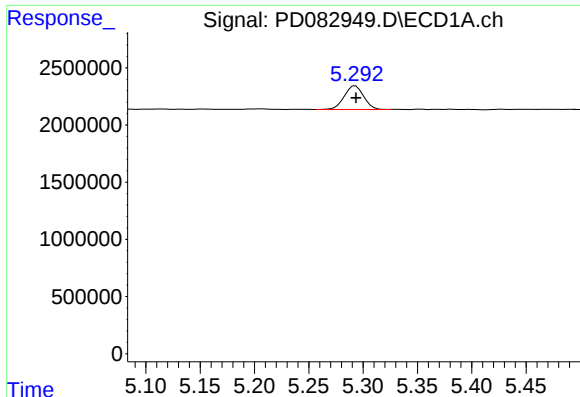
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 2716547
Conc: 1.08 ng/ml



#4 Heptachlor

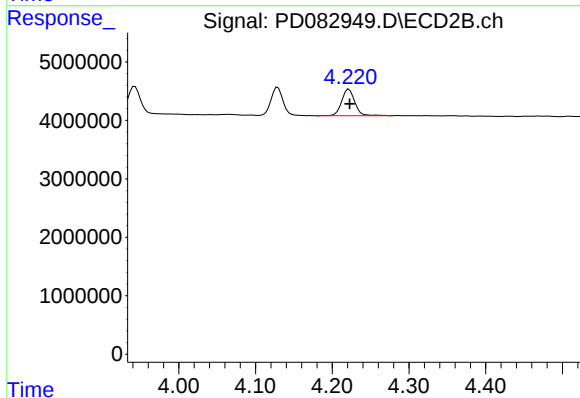
R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 4852822
Conc: 0.87 ng/ml



#5 Aldrin

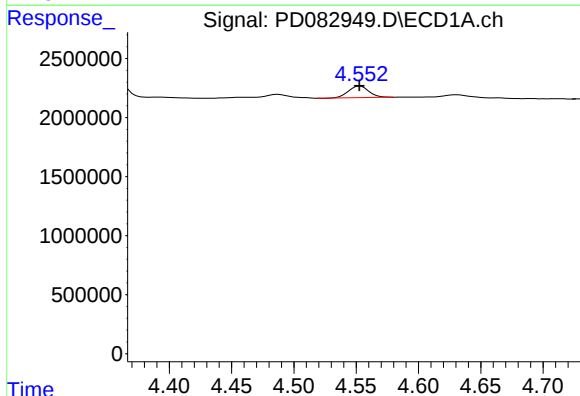
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 2567127
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-04



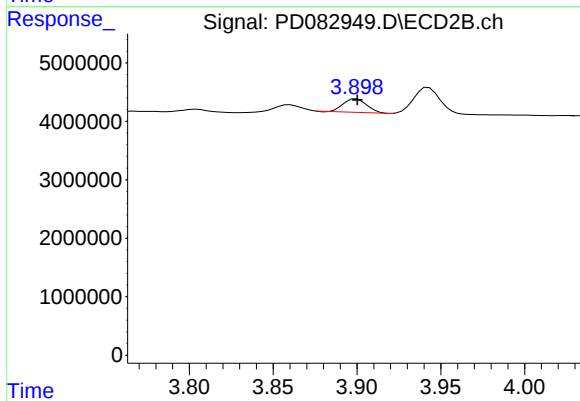
#5 Aldrin

R.T.: 4.222 min
Delta R.T.: -0.001 min
Response: 5470622
Conc: 0.99 ng/ml



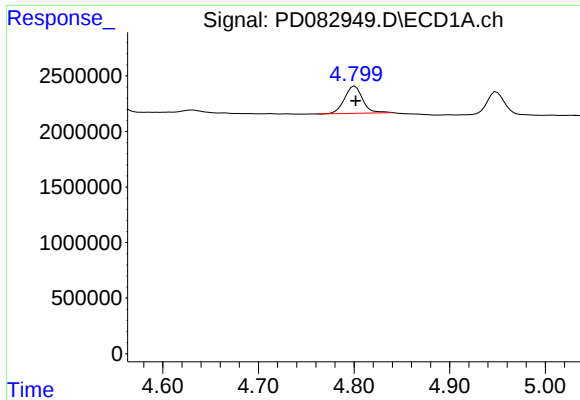
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 1117278
Conc: 1.03 ng/ml



#6 beta-BHC

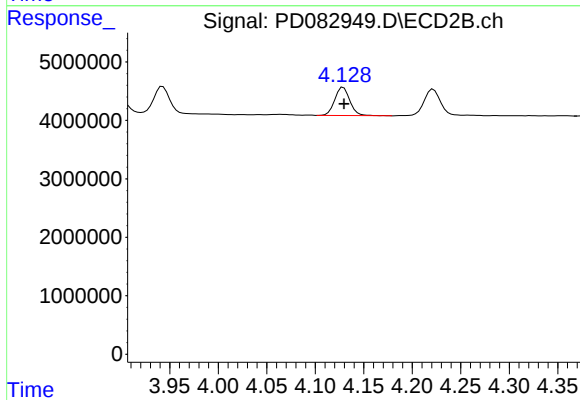
R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 2246792
Conc: 0.90 ng/ml



#7 delta-BHC

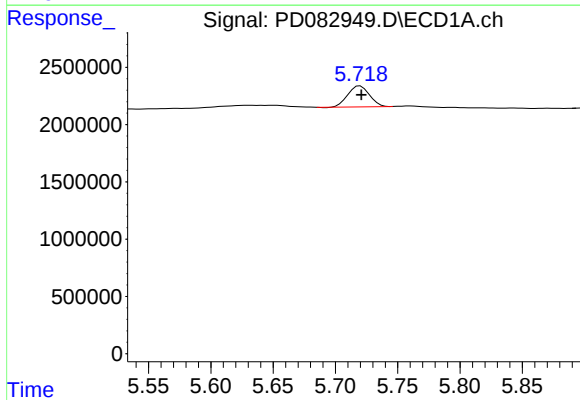
R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 3235198
Conc: 1.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-04



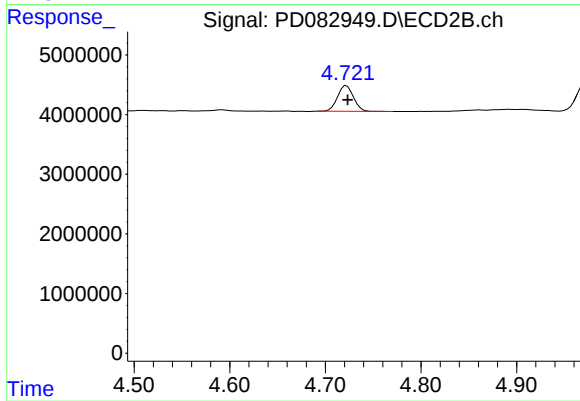
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 5217643
Conc: 0.88 ng/ml



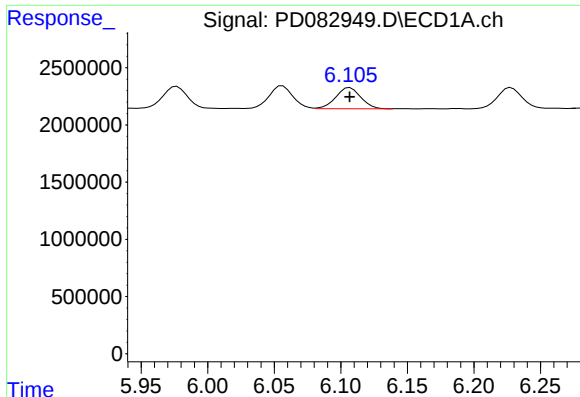
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: -0.001 min
Response: 2221253
Conc: 0.99 ng/ml



#8 Heptachlor epoxide

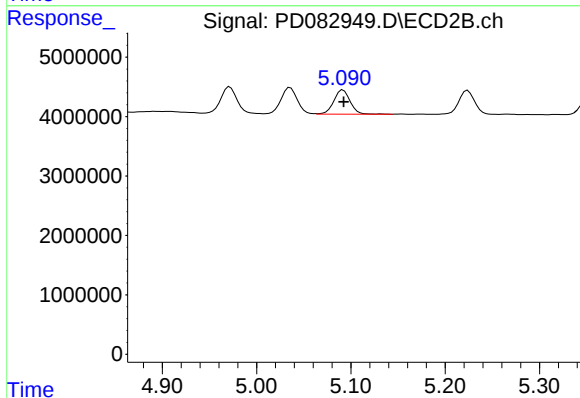
R.T.: 4.722 min
Delta R.T.: -0.001 min
Response: 5008899
Conc: 0.98 ng/ml



#9 Endosulfan I

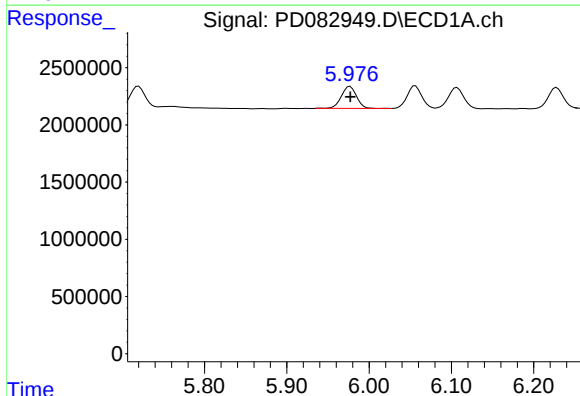
R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 2404178
Conc: 1.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-04



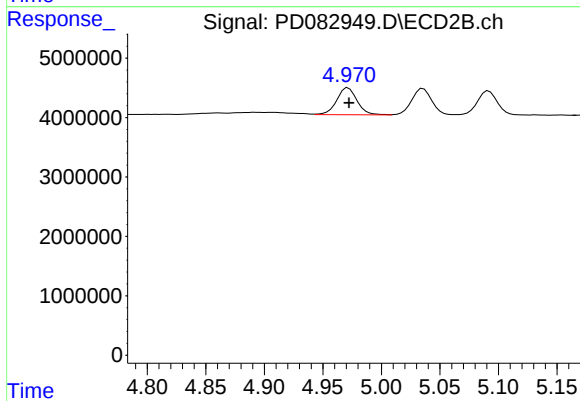
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 4909901
Conc: 1.09 ng/ml



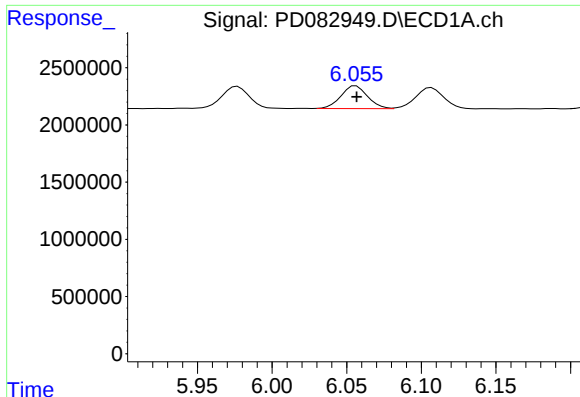
#10 trans-Chlordane

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 2457255
Conc: 1.14 ng/ml



#10 trans-Chlordane

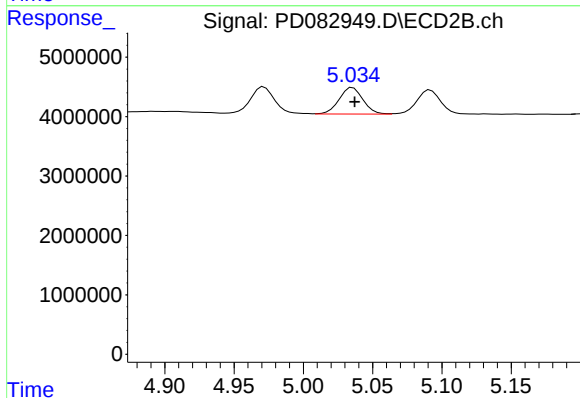
R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 5506269
Conc: 1.11 ng/ml



#11 cis-Chlordane

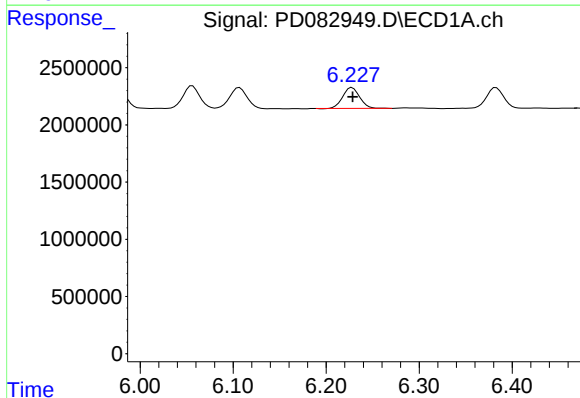
R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 2461712
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-04



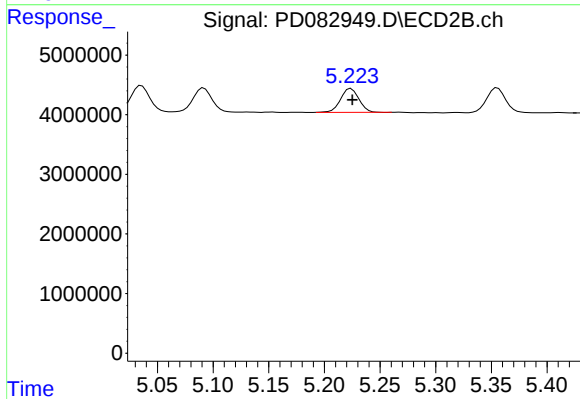
#11 cis-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.001 min
Response: 5319399
Conc: 1.05 ng/ml



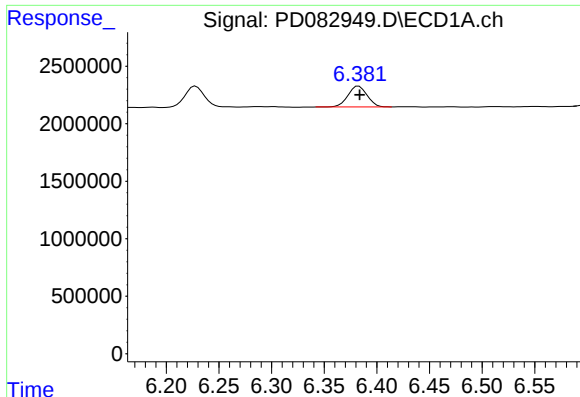
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 2339798
Conc: 1.07 ng/ml



#12 4,4'-DDE

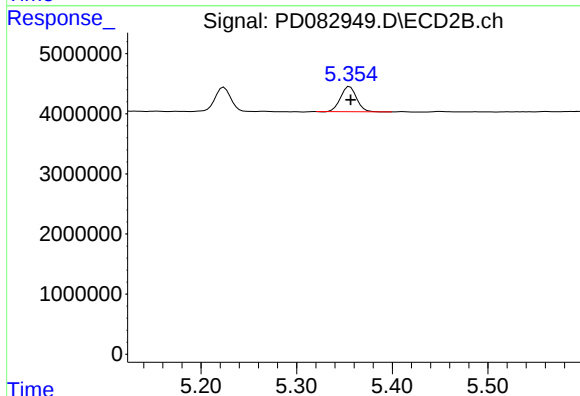
R.T.: 5.224 min
Delta R.T.: -0.001 min
Response: 4602578
Conc: 0.97 ng/ml



#13 Dieldrin

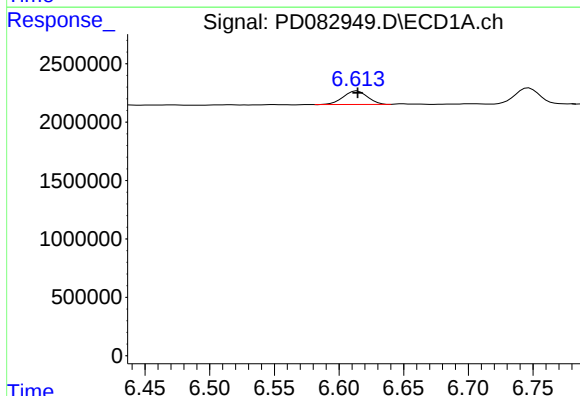
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 2297298
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-04



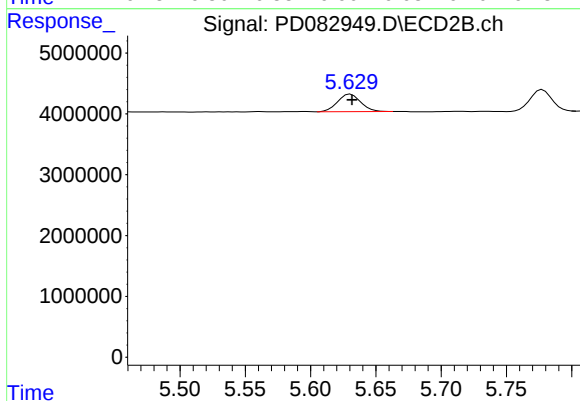
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.001 min
Response: 4861781
Conc: 0.97 ng/ml



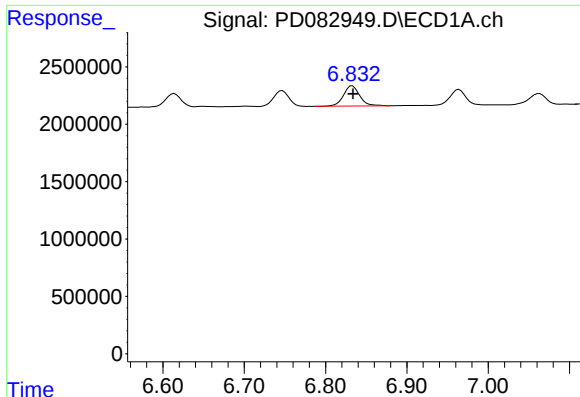
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 1506985
Conc: 0.85 ng/ml



#14 Endrin

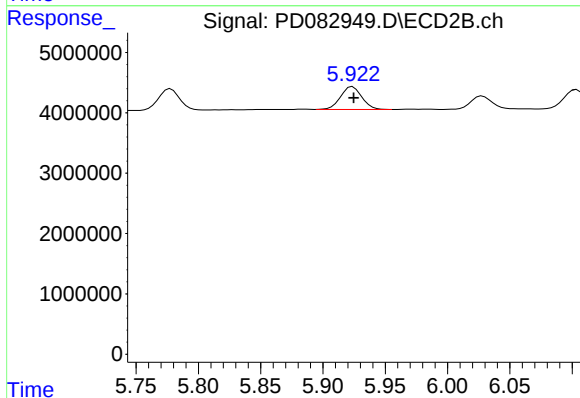
R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 3567497
Conc: 0.82 ng/ml



#15 Endosulfan II

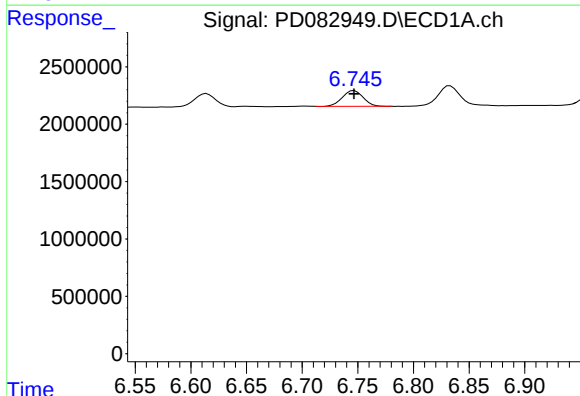
R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 2446924
Conc: 1.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-04



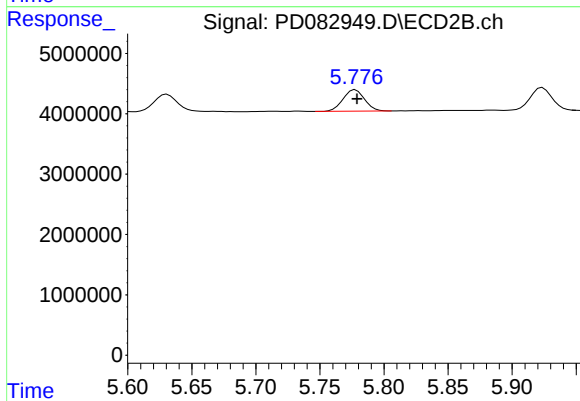
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 4516792
Conc: 1.07 ng/ml



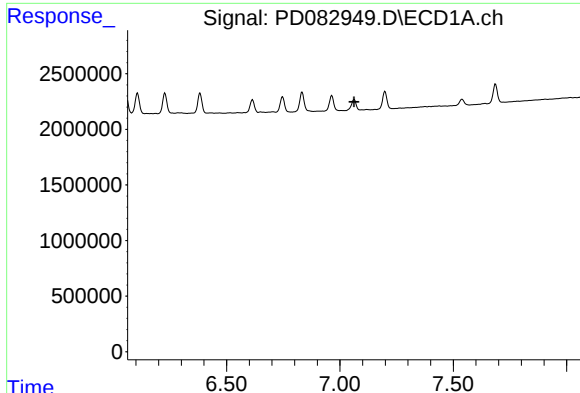
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.000 min
Response: 1775475
Conc: 1.14 ng/ml



#16 4,4'-DDD

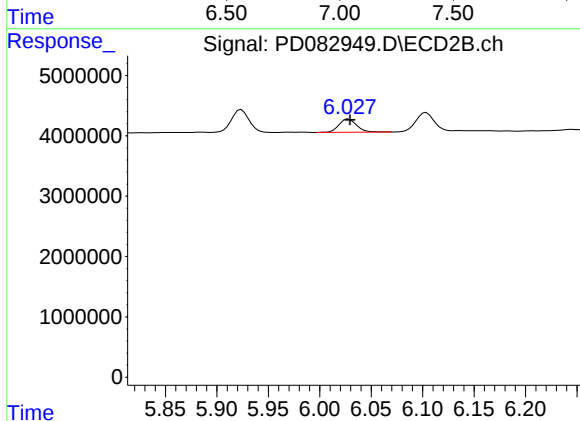
R.T.: 5.778 min
Delta R.T.: -0.001 min
Response: 4136246
Conc: 1.10 ng/ml



#17 4,4'-DDT

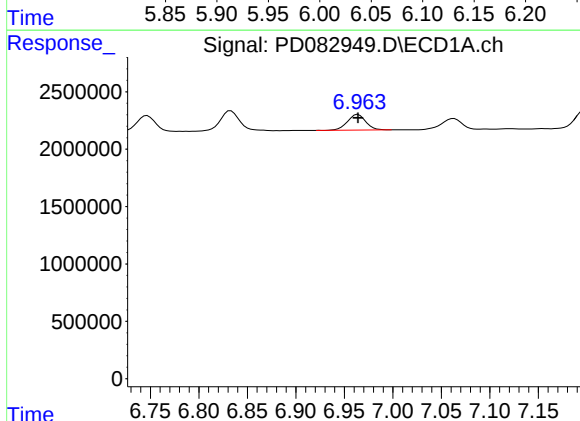
R.T.: 0.000 min
Exp R.T.: 7.063 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-04



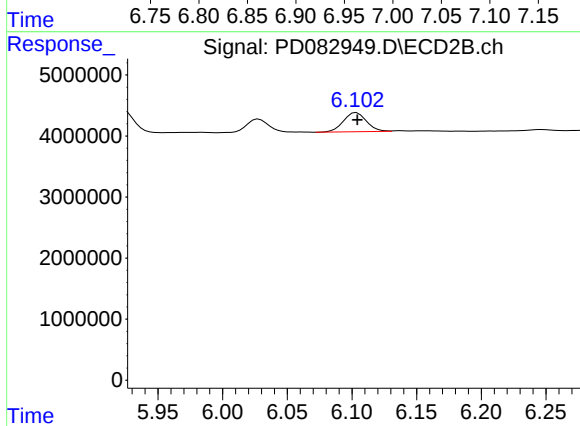
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.002 min
Response: 2661715
Conc: 0.69 ng/ml



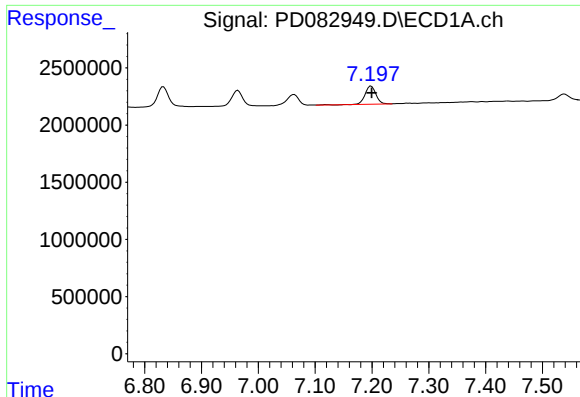
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 1796565
Conc: 1.29 ng/ml



#18 Endrin aldehyde

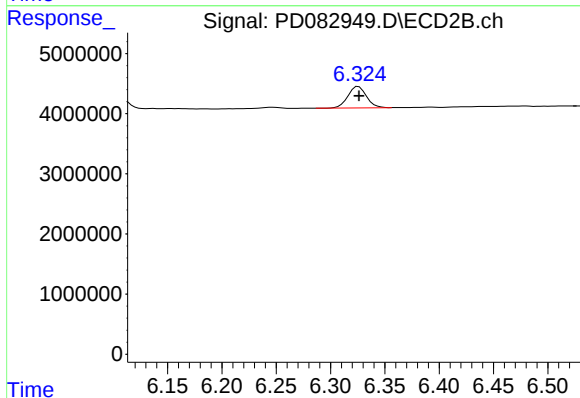
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 3861449
Conc: 1.22 ng/ml



#19 Endosulfan Sulfate

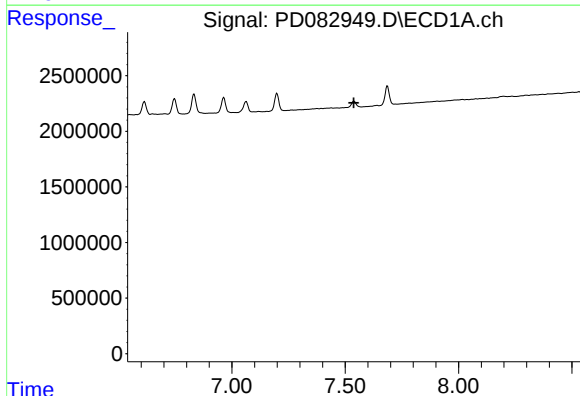
R.T.: 7.199 min
Delta R.T.: -0.001 min
Response: 2076709
Conc: 1.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-04



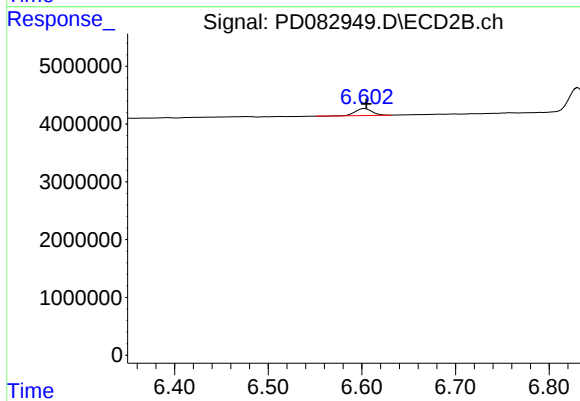
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: 0.000 min
Response: 4259161
Conc: 1.06 ng/ml



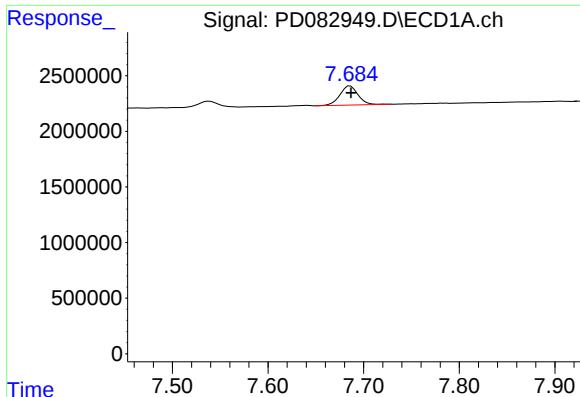
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.538 min
Response: 0
Conc: N.D.



#20 Methoxychlor

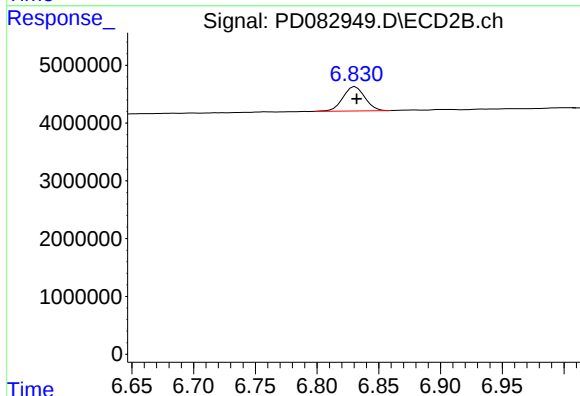
R.T.: 6.603 min
Delta R.T.: -0.001 min
Response: 1496401
Conc: 0.76 ng/ml



#21 Endrin ketone

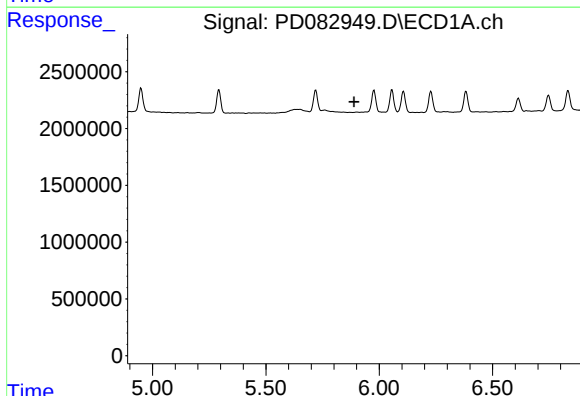
R.T.: 7.686 min
Delta R.T.: -0.001 min
Response: 2296452
Conc: 1.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-04



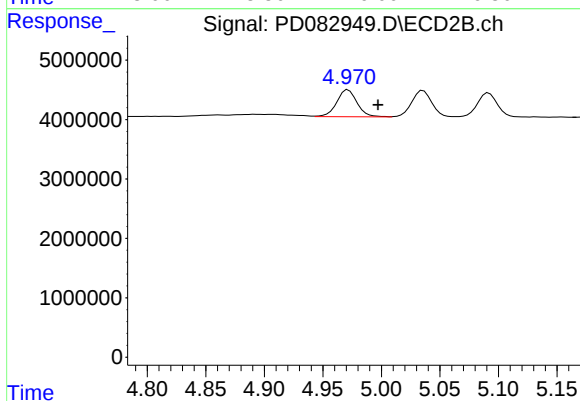
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.001 min
Response: 5190986
Conc: 1.15 ng/ml



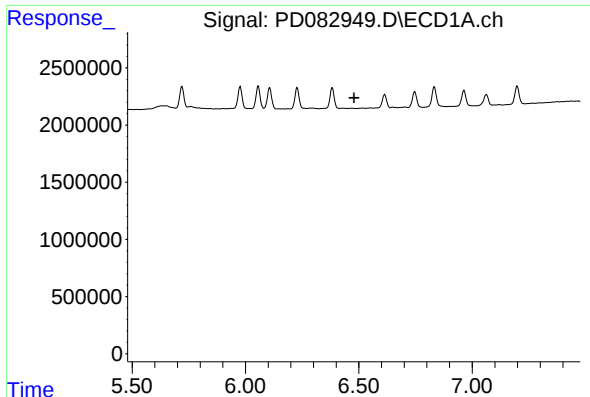
#22 Toxaphene-1

R.T.: 0.000 min
Exp R.T. : 5.889 min
Response: 0
Conc: N.D.



#22 Toxaphene-1

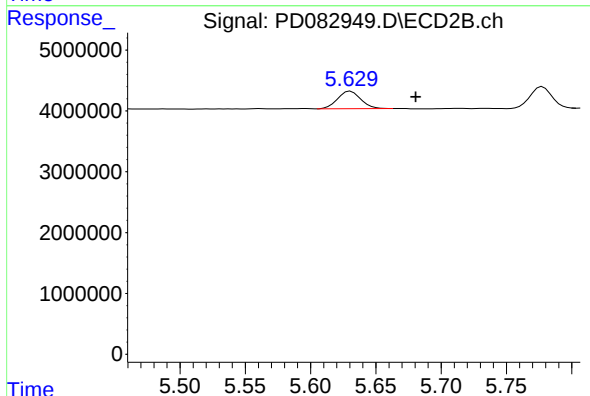
R.T.: 4.972 min
Delta R.T.: -0.026 min
Response: 5506269
Conc: 207.97 ng/ml



#23 Toxaphene-2

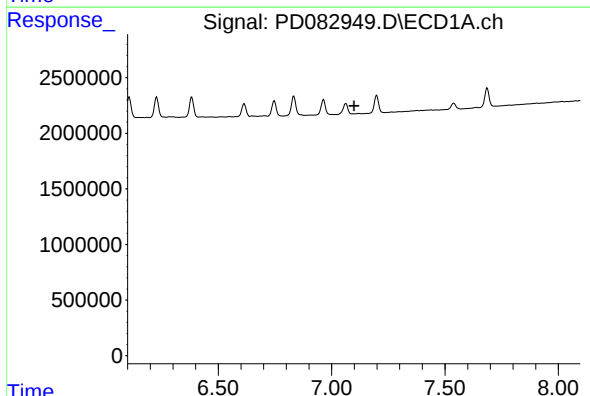
R.T.: 0.000 min
Exp R.T.: 6.480 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-04



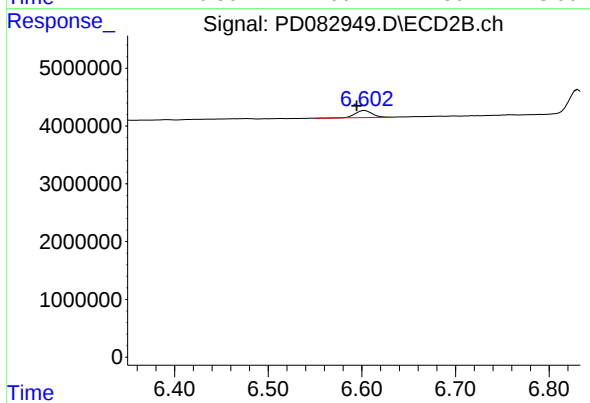
#23 Toxaphene-2

R.T.: 5.631 min
Delta R.T.: -0.050 min
Response: 3567497
Conc: 124.99 ng/ml



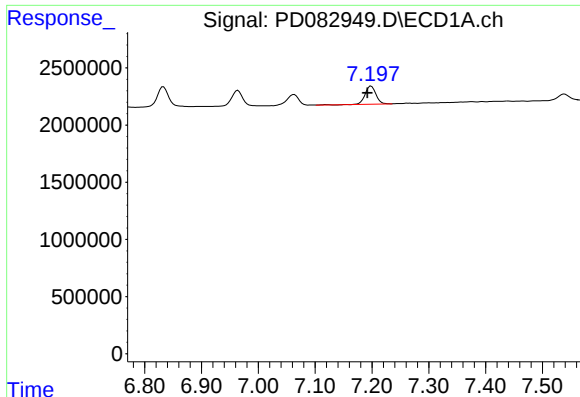
#24 Toxaphene-3

R.T.: 0.000 min
Exp R.T.: 7.100 min
Response: 0
Conc: N.D.



#24 Toxaphene-3

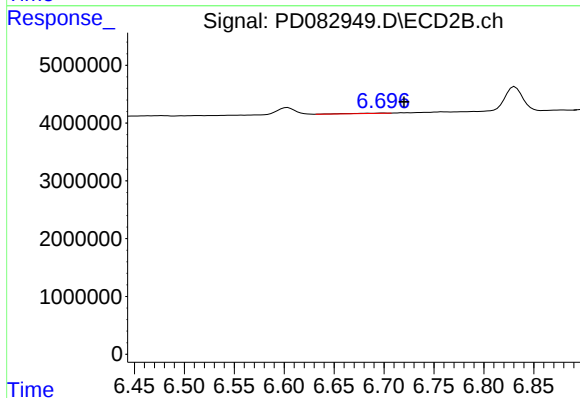
R.T.: 6.603 min
Delta R.T.: 0.009 min
Response: 1496401
Conc: 16.03 ng/ml



#25 Toxaphene-4

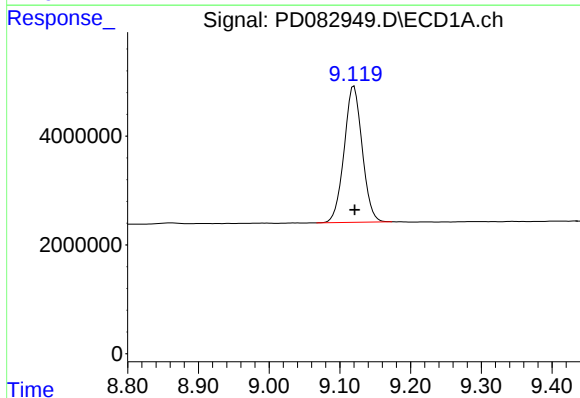
R.T.: 7.199 min
Delta R.T.: 0.007 min
Response: 2076709
Conc: 53.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-04



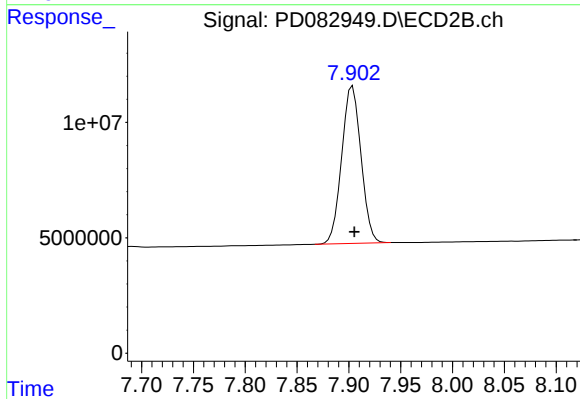
#25 Toxaphene-4

R.T.: 6.699 min
Delta R.T.: -0.021 min
Response: 89405
Conc: 0.70 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: -0.001 min
Response: 44429946
Conc: 22.17 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.002 min
Response: 88310006
Conc: 22.32 ng/ml