

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052024\
 Data File : PD082890.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 May 2024 12:24
 Operator : AR\AJ
 Sample : P2409-03
 Misc : PEST MDL SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-QT2-2024-03

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 01:52:13 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

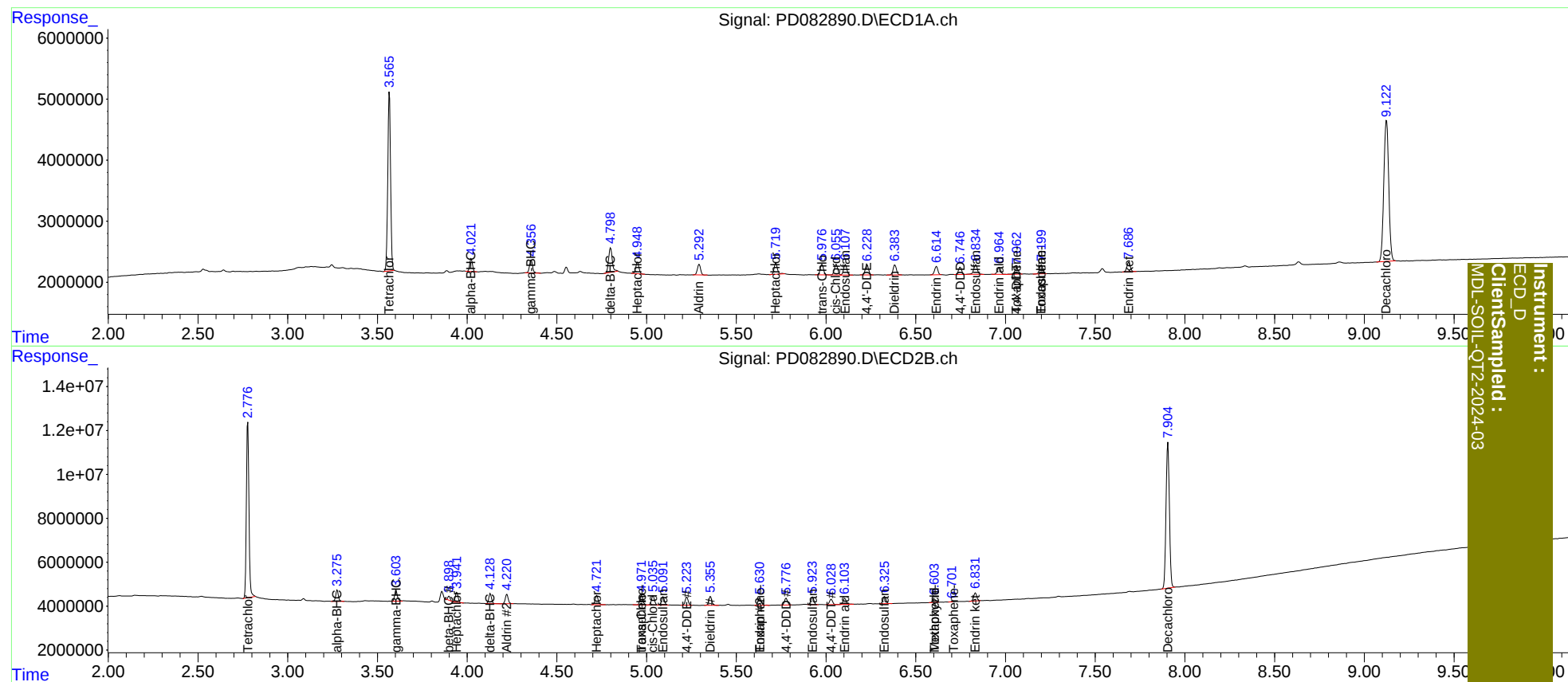
System Monitoring Compounds							
1)	SA Tetrachlo...	3.567	2.778	31865826	79884485	21.304	20.543
27)	SA Decachlor...	9.124	7.905	44203463	86451654	22.053	21.851
Target Compounds							
2)	A alpha-BHC	4.023	3.276	2218800	5312293	0.870	0.855
3)	MA gamma-BHC...	4.357	3.604	2602334	5346852	1.055	0.924
4)	MA Heptachlor	4.949	3.943	2330394	4750735	0.926	0.853
5)	MB Aldrin	5.293	4.221	2177705	4795839	0.899	0.868
6)	B beta-BHC	0.000	3.899	0	1540046	N.D.	0.614
7)	B delta-BHC	4.799	4.129	5690214	4799382	2.324	0.811 #
8)	B Heptachlo...	5.720	4.723	2369481	4869237	1.061	0.953
9)	A Endosulfan I	6.108	5.092	2211505	4392999	1.063	0.974
10)	B trans-Chl...	5.978	4.972	2227820	4809086	1.029	0.966
11)	B cis-Chlor...	6.057	5.037	2298269	4984806	1.029	0.981
12)	B 4,4'-DDE	6.229	5.224	2180640	4304700	1.000	0.903
13)	MA Dieldrin	6.384	5.356	2167992	4739382	0.986	0.948
14)	MA Endrin	6.616	5.631	1728745	4332745	0.969	0.991
15)	B Endosulfa...	6.835	5.925	2257057	4187384	1.172	0.994
16)	A 4,4'-DDD	6.748	5.778	1436670	3661848	0.926	0.973
17)	MA 4,4'-DDT	7.064	6.029	1452559	3035435	0.903	0.791
18)	B Endrin al...	6.966	6.105	1559905	3699893	1.123	1.173
19)	B Endosulfa...	7.200	6.327	1932030	4091709	1.095	1.018
20)	A Methoxychlor	0.000	6.604	0	1887474	N.D.	0.962
21)	B Endrin ke...	7.687	6.833	2032248	4412505	1.078	0.981
22)	Toxaphene-1	0.000	4.972	0	4809086	N.D.	181.638
23)	Toxaphene-2	0.000	5.631f	0	4332745	N.D.	151.795
24)	Toxaphene-3	7.064f	6.604	1452559	1887474	27.541	20.213 #
25)	Toxaphene-4	7.200	6.702	1932030	37297	49.501	0.292 #

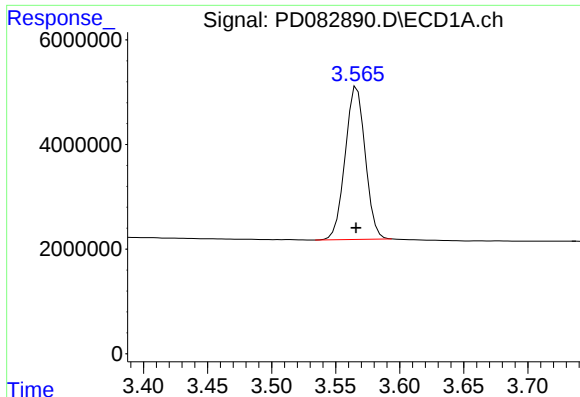
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052024\
Data File : PD082890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 May 2024 12:24
Operator : AR\AJ
Sample : P2409-03
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 18 01:52:13 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

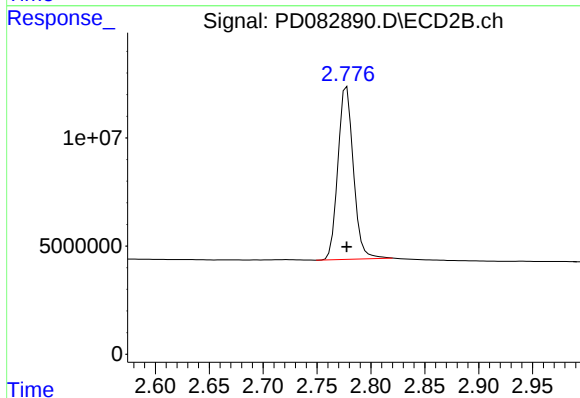




#1 Tetrachloro-m-xylene

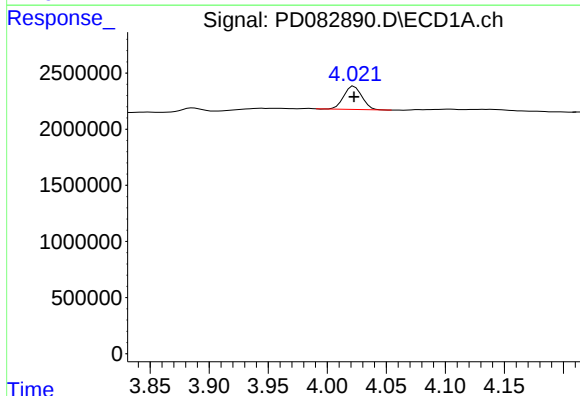
R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 31865826
Conc: 21.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



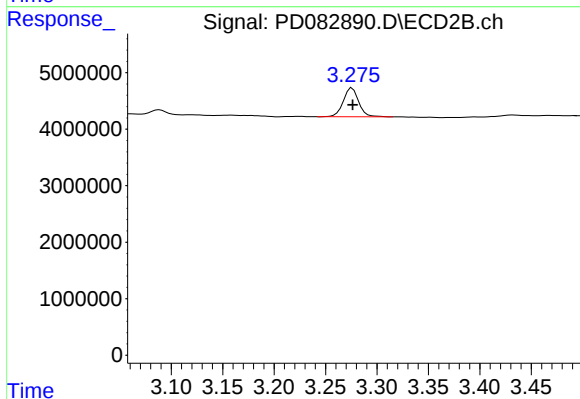
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 79884485
Conc: 20.54 ng/ml



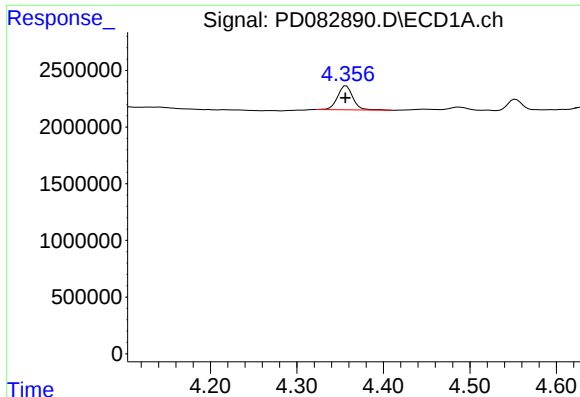
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2218800
Conc: 0.87 ng/ml



#2 alpha-BHC

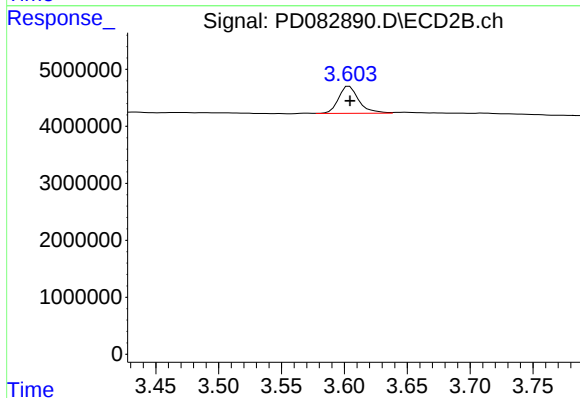
R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 5312293
Conc: 0.85 ng/ml



#3 gamma-BHC (Lindane)

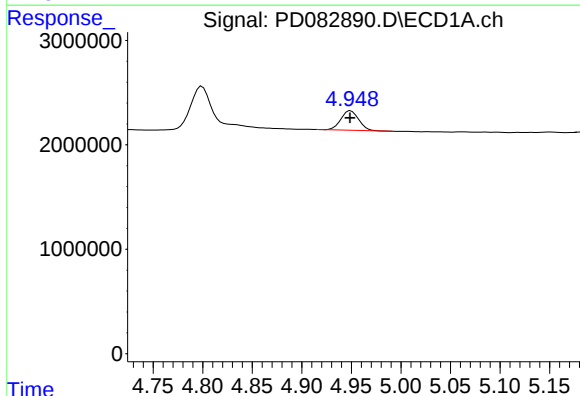
R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 2602334
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



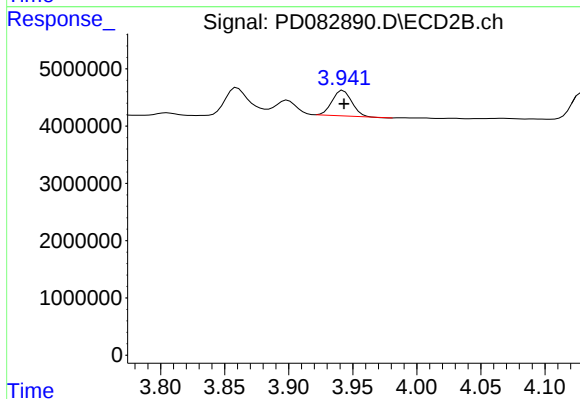
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 5346852
Conc: 0.92 ng/ml



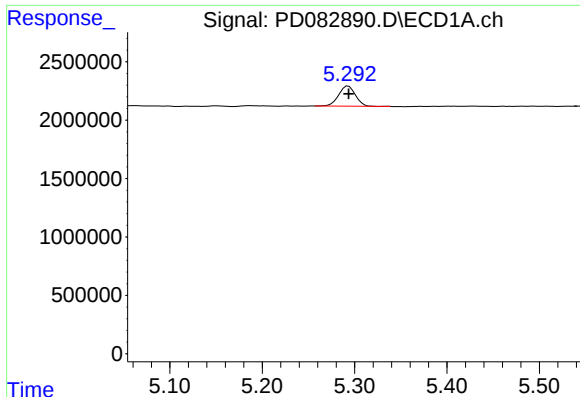
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 2330394
Conc: 0.93 ng/ml



#4 Heptachlor

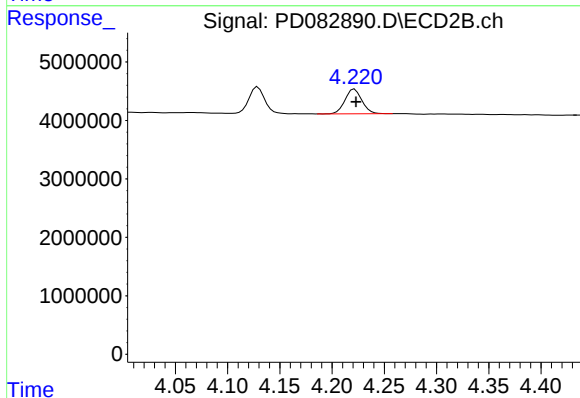
R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 4750735
Conc: 0.85 ng/ml



#5 Aldrin

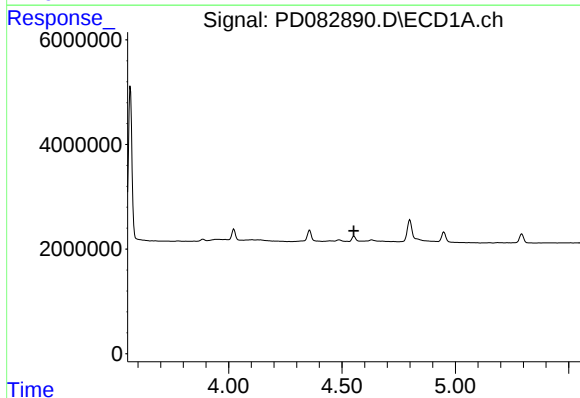
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 2177705
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



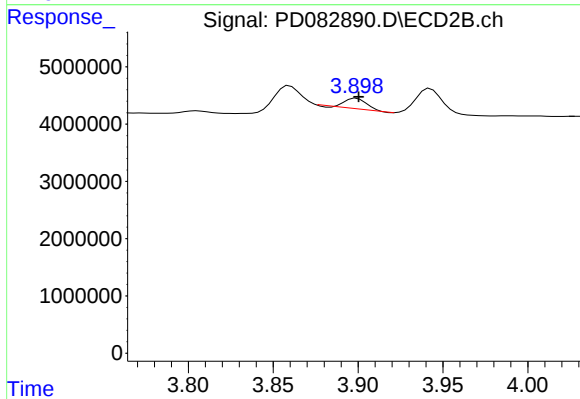
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: -0.001 min
Response: 4795839
Conc: 0.87 ng/ml



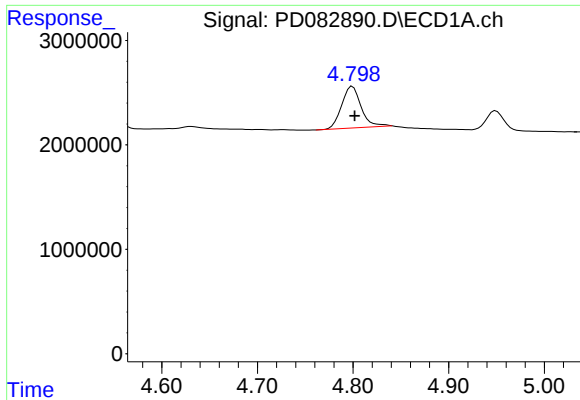
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.553 min
Response: 0
Conc: N.D.



#6 beta-BHC

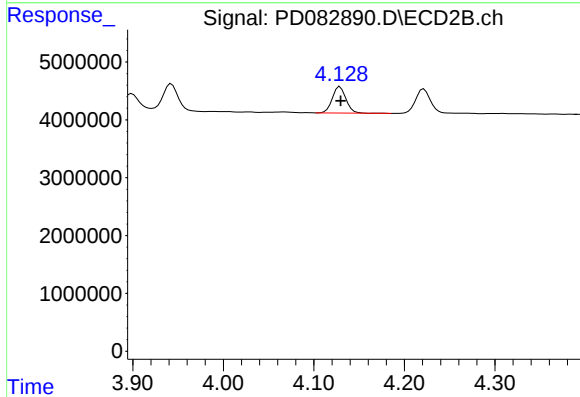
R.T.: 3.899 min
Delta R.T.: -0.001 min
Response: 1540046
Conc: 0.61 ng/ml



#7 delta-BHC

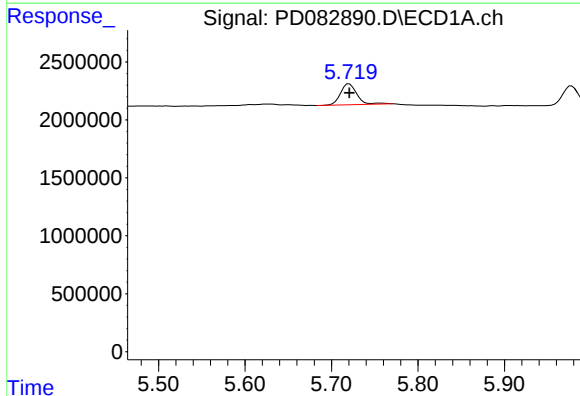
R.T.: 4.799 min
Delta R.T.: -0.002 min
Response: 5690214
Conc: 2.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



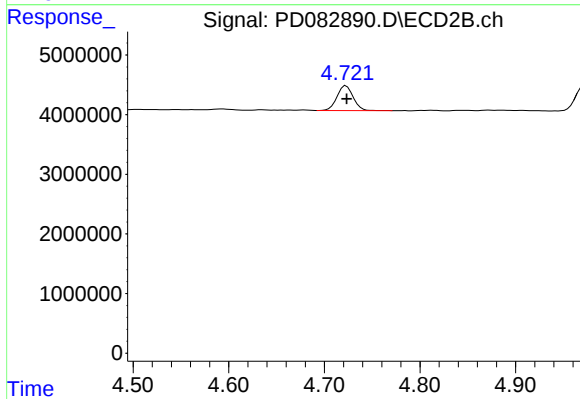
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 4799382
Conc: 0.81 ng/ml



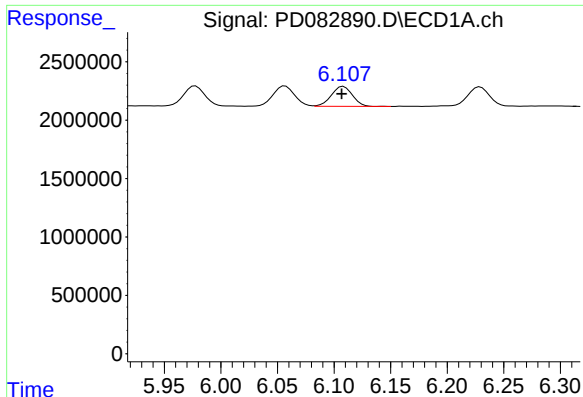
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 2369481
Conc: 1.06 ng/ml



#8 Heptachlor epoxide

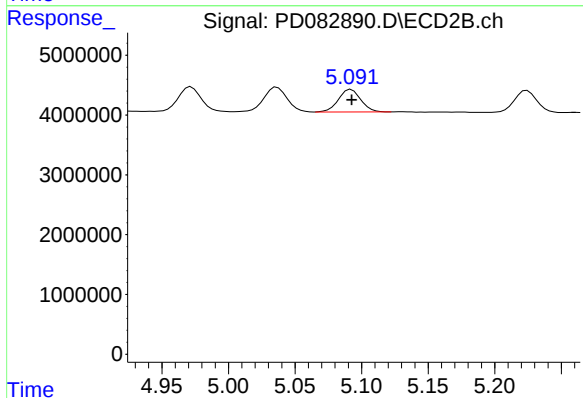
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 4869237
Conc: 0.95 ng/ml



#9 Endosulfan I

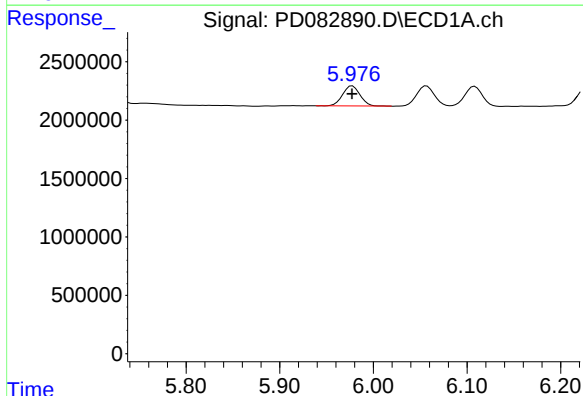
R.T.: 6.108 min
Delta R.T.: 0.001 min
Response: 2211505
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



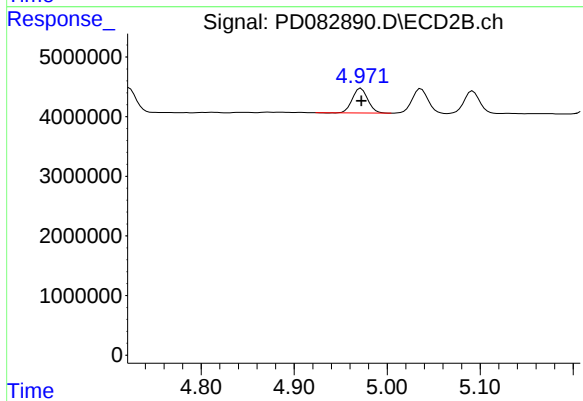
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.000 min
Response: 4392999
Conc: 0.97 ng/ml



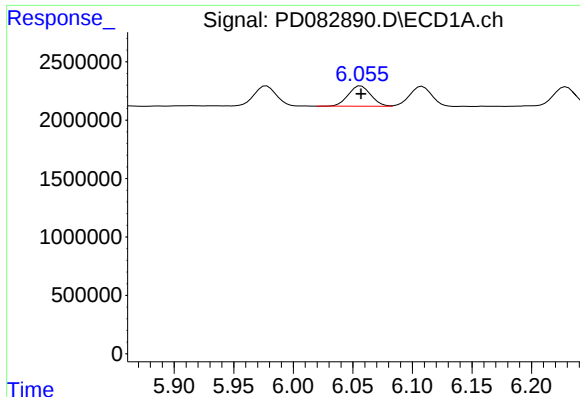
#10 trans-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 2227820
Conc: 1.03 ng/ml



#10 trans-Chlordane

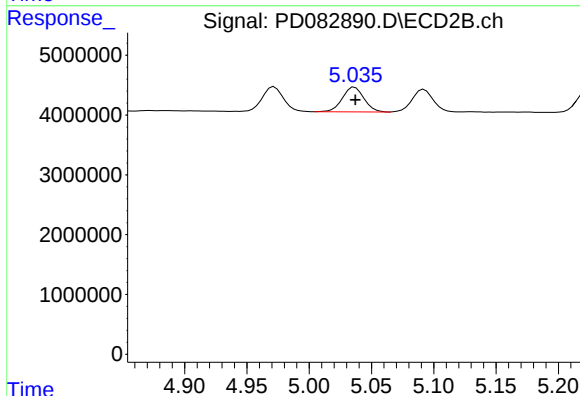
R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 4809086
Conc: 0.97 ng/ml



#11 cis-Chlordane

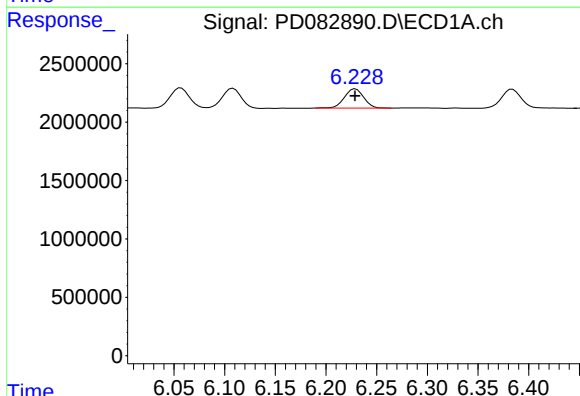
R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 2298269
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



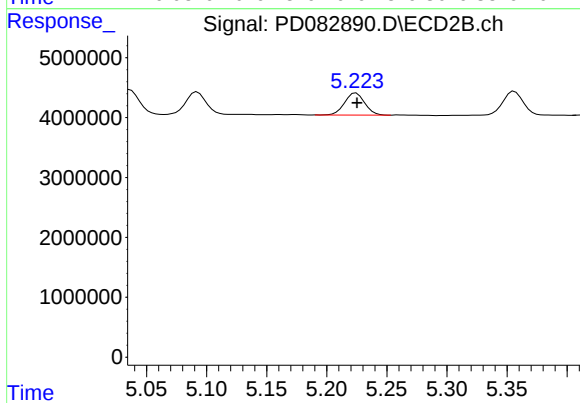
#11 cis-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 4984806
Conc: 0.98 ng/ml



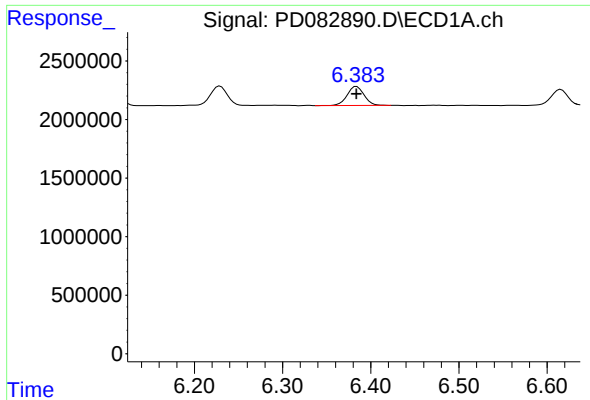
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 2180640
Conc: 1.00 ng/ml



#12 4,4'-DDE

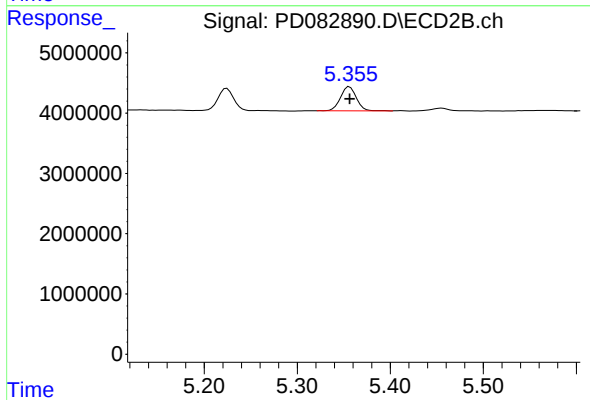
R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 4304700
Conc: 0.90 ng/ml



#13 Dieldrin

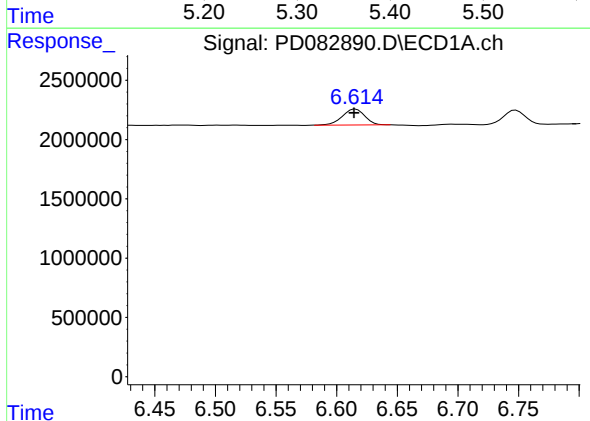
R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 2167992
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



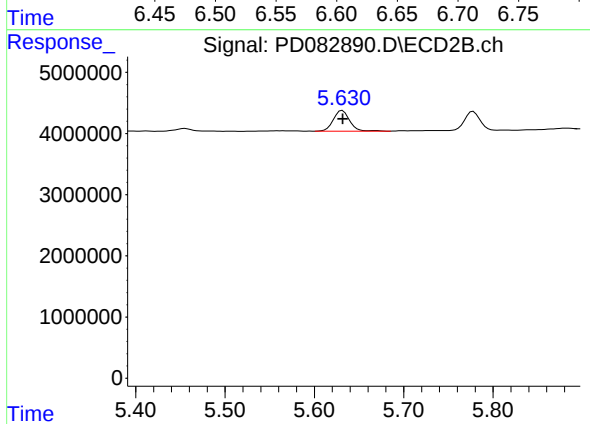
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 4739382
Conc: 0.95 ng/ml



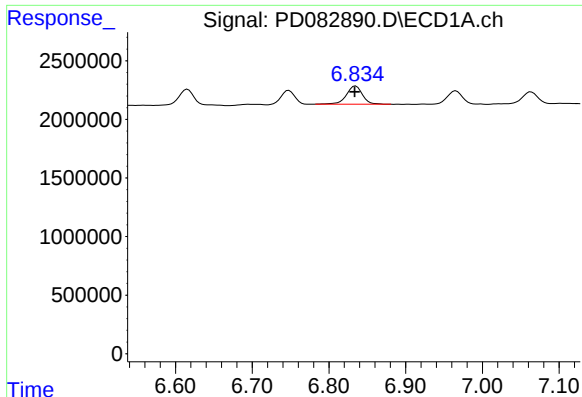
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.001 min
Response: 1728745
Conc: 0.97 ng/ml



#14 Endrin

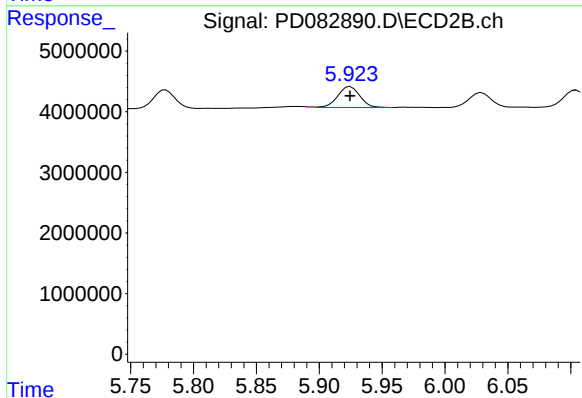
R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 4332745
Conc: 0.99 ng/ml



#15 Endosulfan II

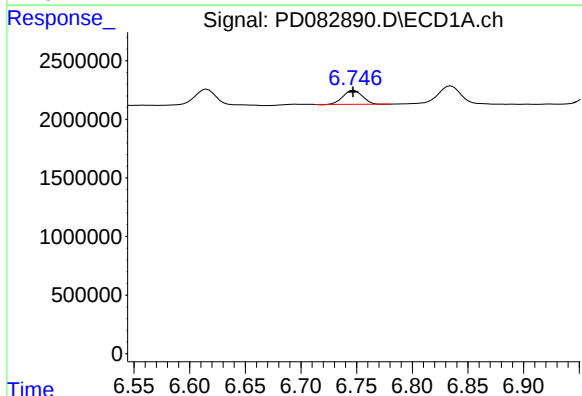
R.T.: 6.835 min
Delta R.T.: 0.001 min
Response: 2257057
Conc: 1.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



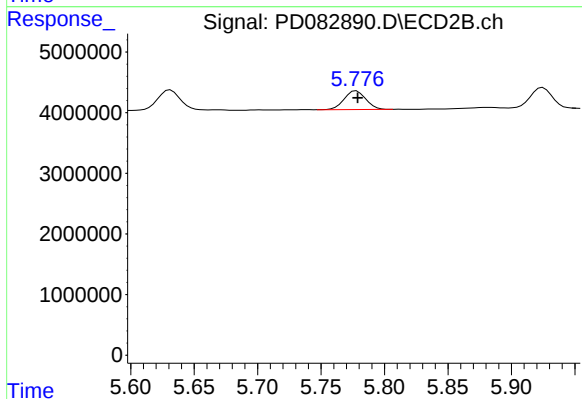
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 4187384
Conc: 0.99 ng/ml



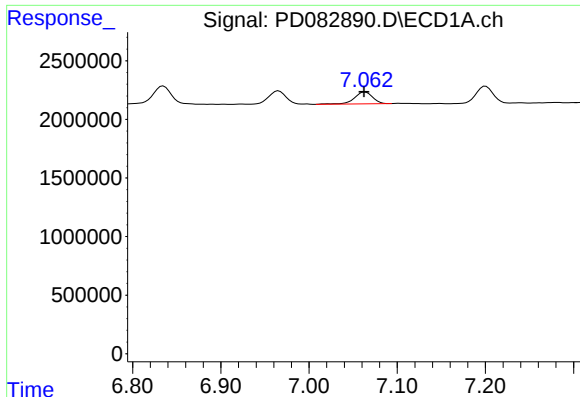
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: 0.001 min
Response: 1436670
Conc: 0.93 ng/ml



#16 4,4'-DDD

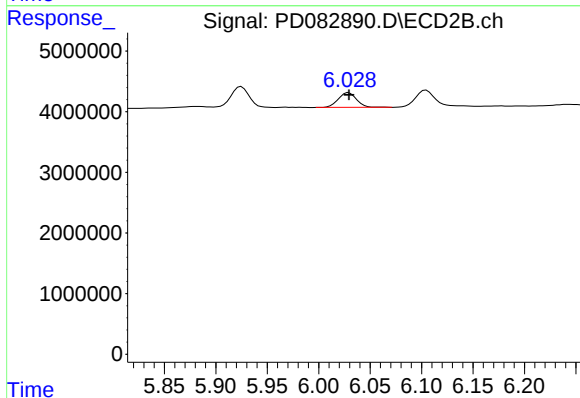
R.T.: 5.778 min
Delta R.T.: -0.001 min
Response: 3661848
Conc: 0.97 ng/ml



#17 4,4'-DDT

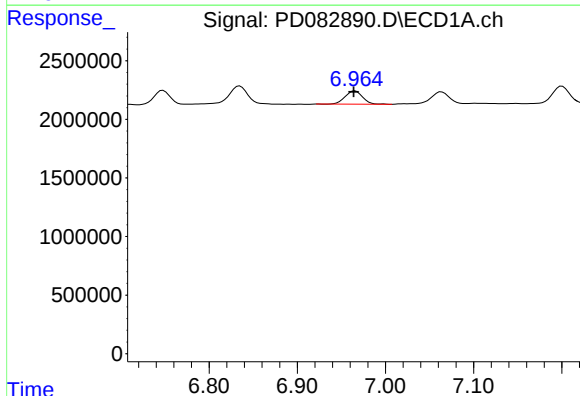
R.T.: 7.064 min
Delta R.T.: 0.001 min
Response: 1452559
Conc: 0.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



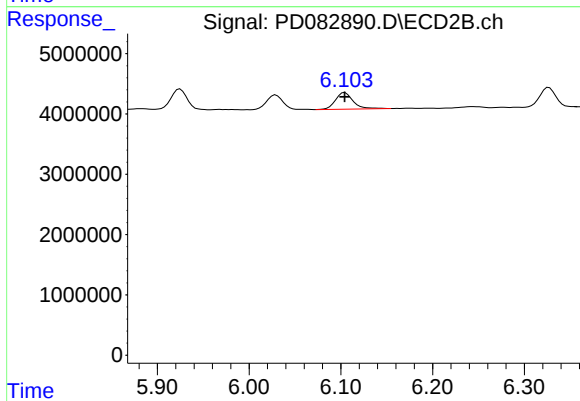
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 3035435
Conc: 0.79 ng/ml



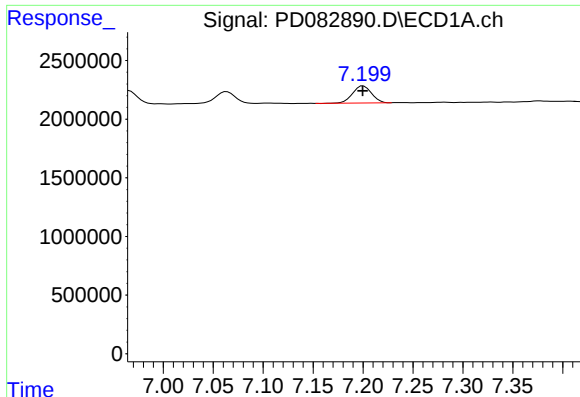
#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: 0.001 min
Response: 1559905
Conc: 1.12 ng/ml



#18 Endrin aldehyde

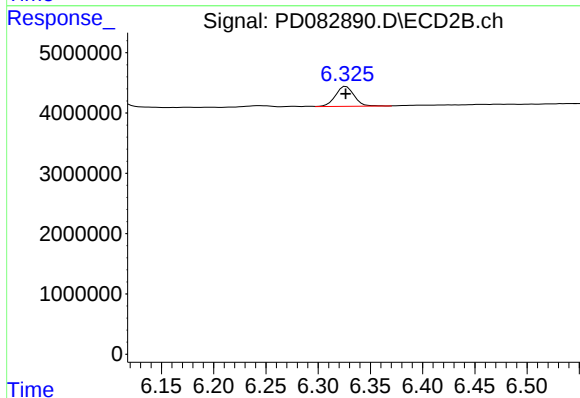
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 3699893
Conc: 1.17 ng/ml



#19 Endosulfan Sulfate

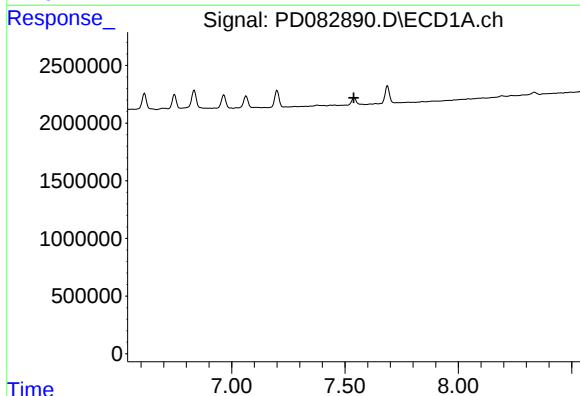
R.T.: 7.200 min
Delta R.T.: 0.000 min
Response: 1932030
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



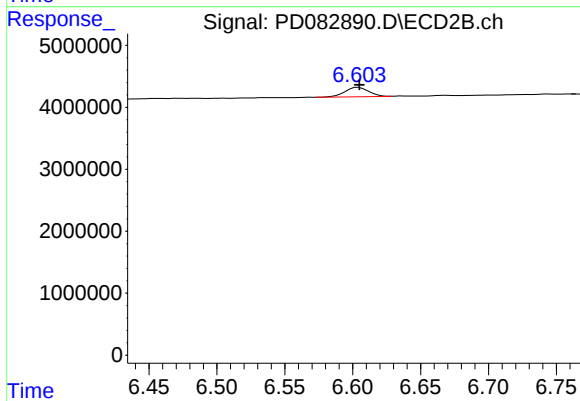
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 4091709
Conc: 1.02 ng/ml



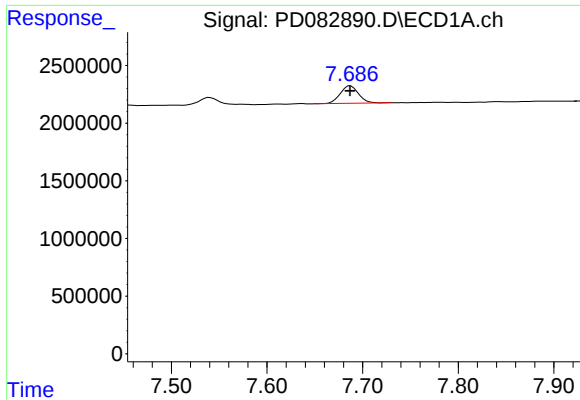
#20 Methoxychlor

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



#20 Methoxychlor

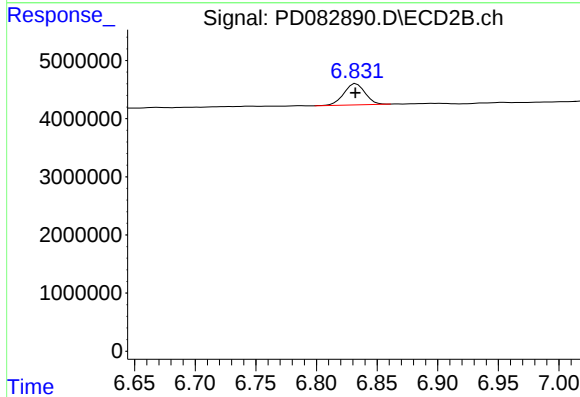
R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 1887474
Conc: 0.96 ng/ml



#21 Endrin ketone

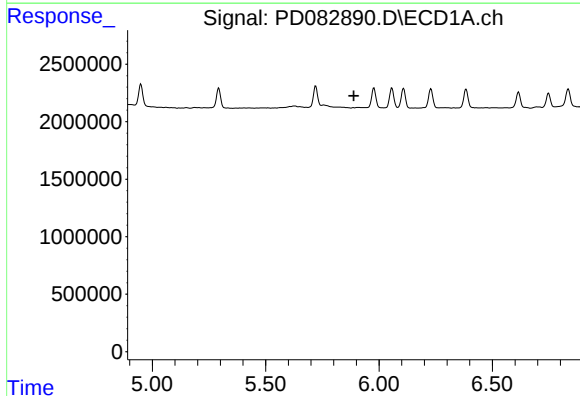
R.T.: 7.687 min
Delta R.T.: 0.000 min
Response: 2032248
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



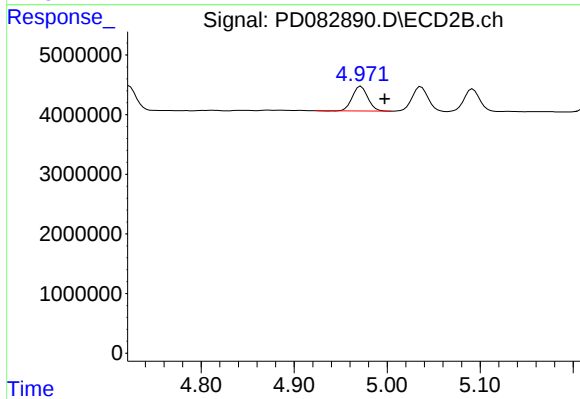
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 4412505
Conc: 0.98 ng/ml



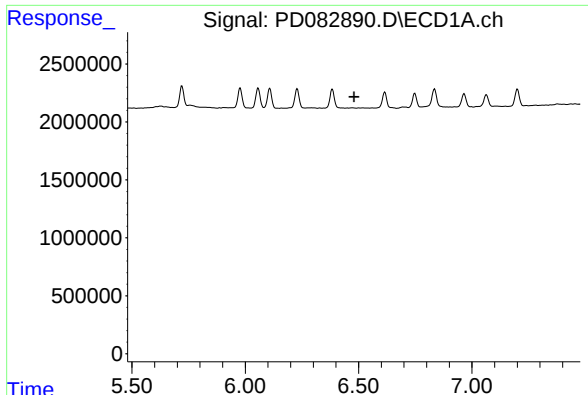
#22 Toxaphene-1

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



#22 Toxaphene-1

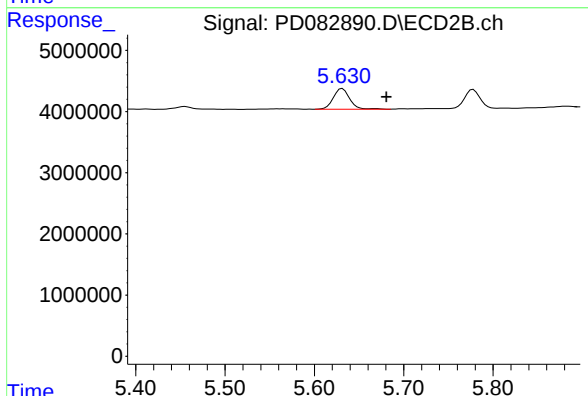
R.T.: 4.972 min
Delta R.T.: -0.025 min
Response: 4809086
Conc: 181.64 ng/ml



#23 Toxaphene-2

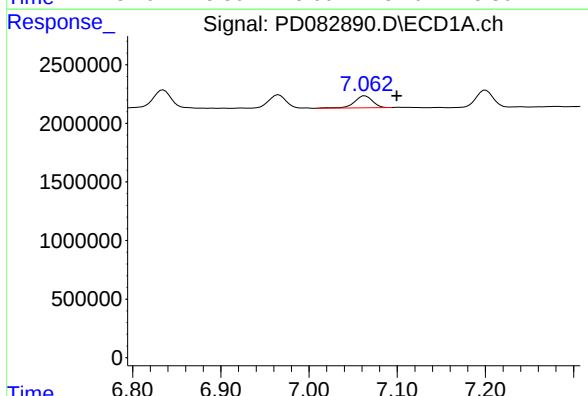
R.T.: 0.000 min
Exp R.T.: 6.480 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



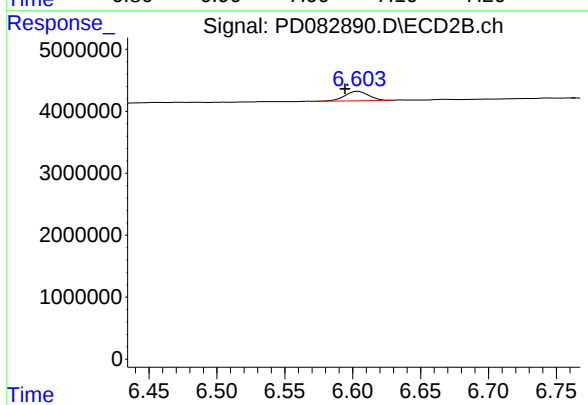
#23 Toxaphene-2

R.T.: 5.631 min
Delta R.T.: -0.049 min
Response: 4332745
Conc: 151.80 ng/ml



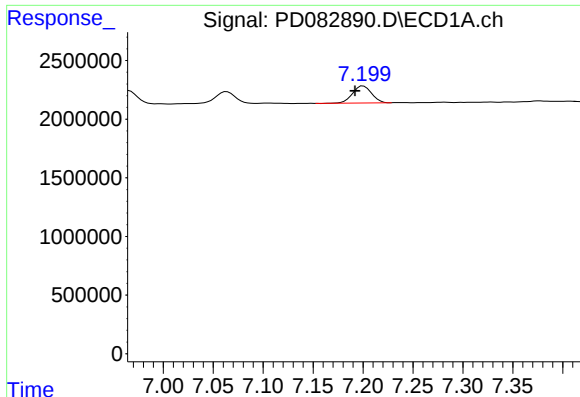
#24 Toxaphene-3

R.T.: 7.064 min
Delta R.T.: -0.036 min
Response: 1452559
Conc: 27.54 ng/ml



#24 Toxaphene-3

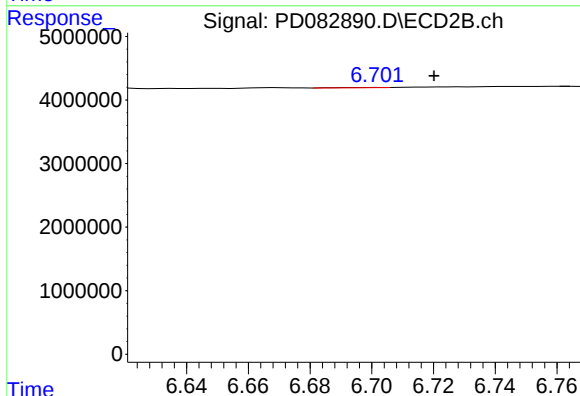
R.T.: 6.604 min
Delta R.T.: 0.010 min
Response: 1887474
Conc: 20.21 ng/ml



#25 Toxaphene-4

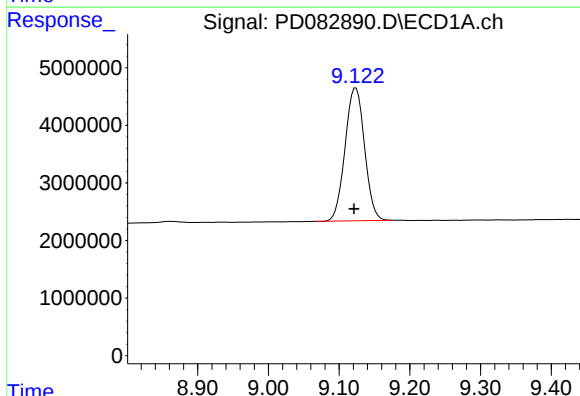
R.T.: 7.200 min
Delta R.T.: 0.008 min
Response: 1932030
Conc: 49.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT2-2024-03



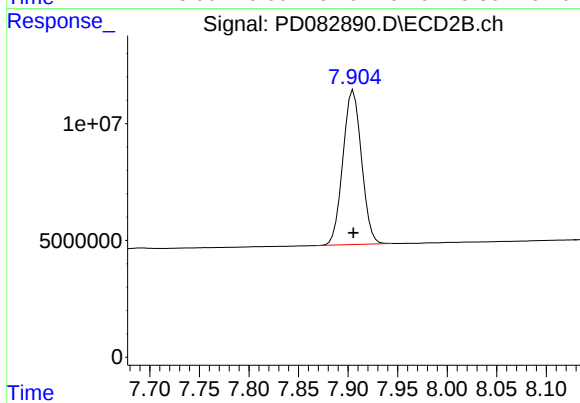
#25 Toxaphene-4

R.T.: 6.702 min
Delta R.T.: -0.018 min
Response: 37297
Conc: 0.29 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: 0.003 min
Response: 44203463
Conc: 22.05 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.000 min
Response: 86451654
Conc: 21.85 ng/ml