

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112524\
 Data File : PD086918.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2024 13:09
 Operator : AR\AJ
 Sample : P4776-03
 Misc : PEST MDL 1 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MDL-SOIL-QT4-2024-07

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 00:06:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112024CLP.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 20 02:52:29 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

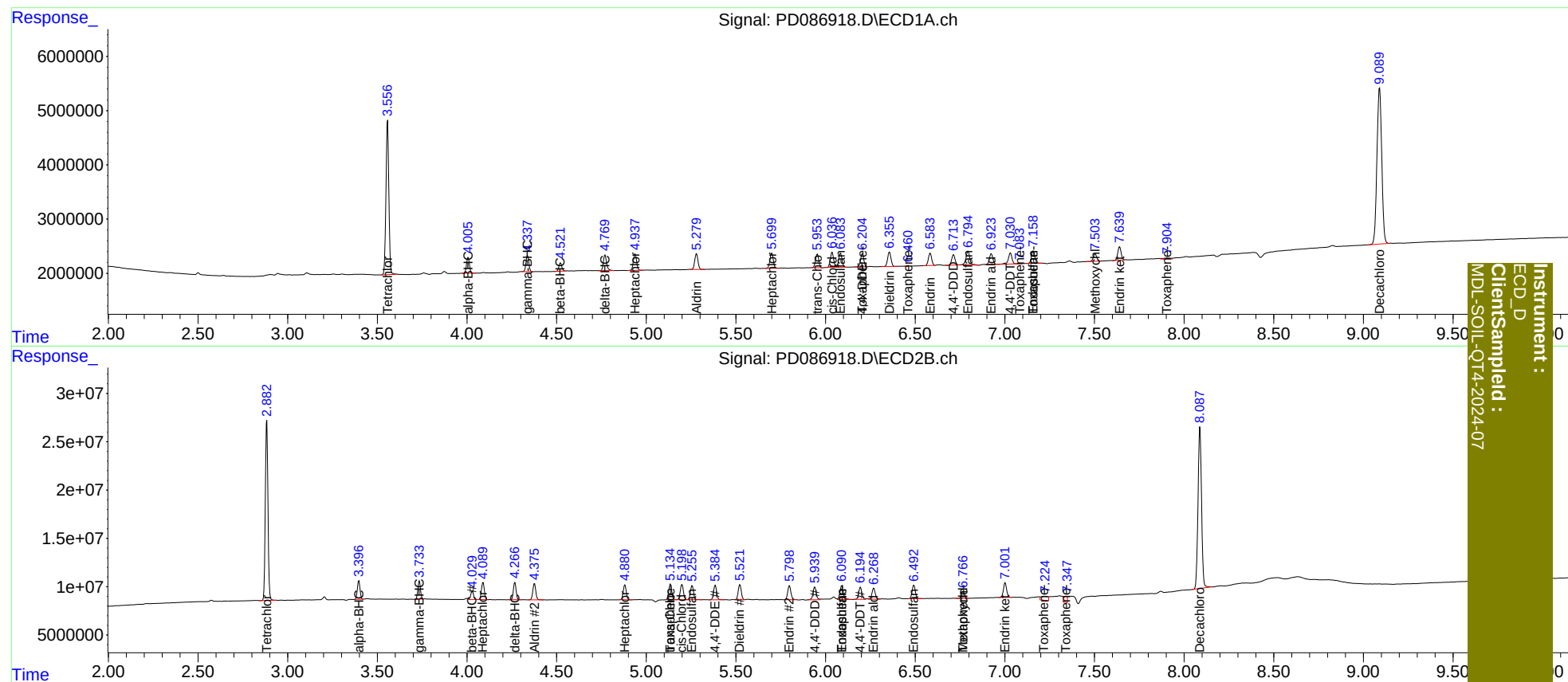
System Monitoring Compounds							
1)	SA Tetrachlo...	3.557	2.884	31926501	190.5E6	17.361	16.510
27)	SA Decachlor...	9.090	8.089	53719870	228.6E6	20.176	17.933
Target Compounds							
2)	A alpha-BHC	4.007	3.397	3304833	20048062	0.939	1.119
3)	MA gamma-BHC...	4.338	3.735	3312248	19064790	0.951	1.143
4)	MA Heptachlor	4.938	4.090	3846856	20106236	1.107	1.169
5)	MB Aldrin	5.281	4.377	3637890	19385466	1.030	1.135
6)	B beta-BHC	4.522	4.030	1713913	9277330	1.081	1.174
7)	B delta-BHC	4.770	4.268	3624421	18976744	0.996	1.081
8)	B Heptachlo...	5.700	4.881	3685917	18228398	1.128	1.149
9)	A Endosulfan I	6.084	5.256	3350300	17859673	1.127	1.234
10)	B trans-Chl...	5.955	5.135	3136909	19022482	0.981	1.152
11)	B cis-Chlor...	6.037	5.200	3600519	19287615	1.107	1.204
12)	B 4,4'-DDE	6.206	5.385	2989663	18153262	0.969	1.191
13)	MA Dieldrin	6.357	5.523	3498964	18455475	1.067	1.208
14)	MA Endrin	6.584	5.799	2886552	18254677	1.068	1.321
15)	B Endosulfa...	6.795	6.091	3730435	19365272	1.344	1.388
16)	A 4,4'-DDD	6.714	5.940	2444598	16802885	1.030	1.391 #
17)	MA 4,4'-DDT	7.032	6.195	2966971	15650122	1.197	1.211
18)	B Endrin al...	6.925	6.269	2637081	14942572	1.200	1.392
19)	B Endosulfa...	7.159	6.493	2996907	17287078	1.111	1.288
20)	A Methoxychlor	7.504	6.767	1785022	8487405	1.323	1.468
21)	B Endrin ke...	7.641	7.002	3182678	18347976	1.043	1.228
22)	Toxaphene-1	6.206f	5.135	2989663	19022482	145.532	233.161 #
23)	Toxaphene-2	6.462	6.091f	21960	19365272	0.775	216.018 #
24)	Toxaphene-3	7.084	6.767	25331	8487405	0.313	28.744 #
25)	Toxaphene-4	7.159	7.220	2996907	11126604	49.737	53.825
26)	Toxaphene-5	7.907f	7.341	605752	8765934	13.732	55.843 #

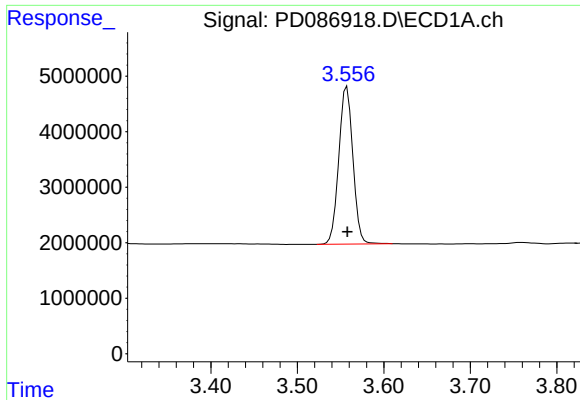
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112524\
Data File : PD086918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2024 13:09
Operator : AR\AJ
Sample : P4776-03
Misc : PEST MDL 1 PPB
ALS Vial : 7 Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 00:06:31 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112024CLP.M
Quant Title : GC Extractables
QLast Update : Wed Nov 20 02:52:29 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

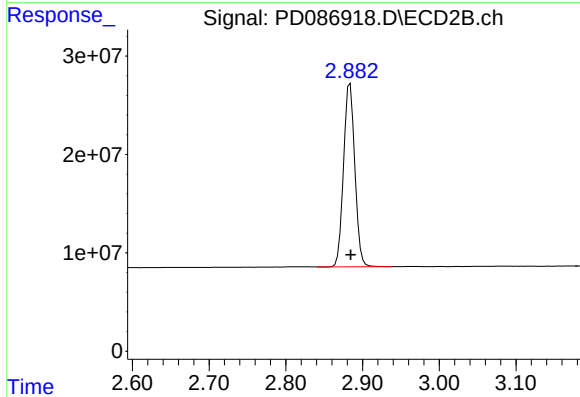




#1 Tetrachloro-m-xylene

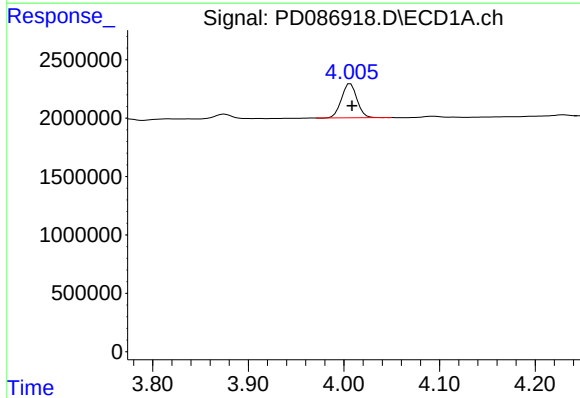
R.T.: 3.557 min
Delta R.T.: 0.000 min
Response: 31926501
Conc: 17.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2024-07



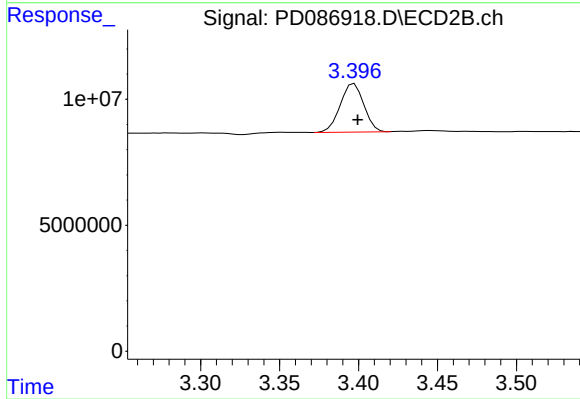
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: -0.001 min
Response: 190536799
Conc: 16.51 ng/ml



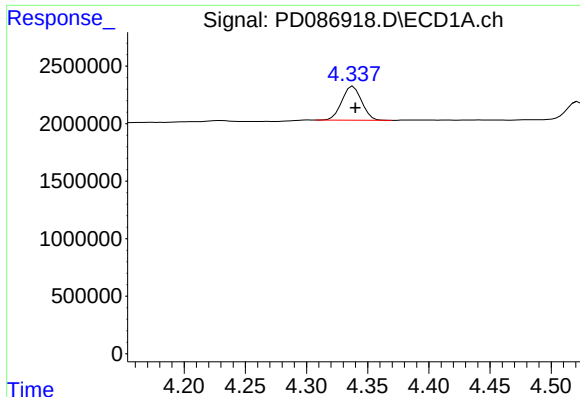
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: -0.002 min
Response: 3304833
Conc: 0.94 ng/ml



#2 alpha-BHC

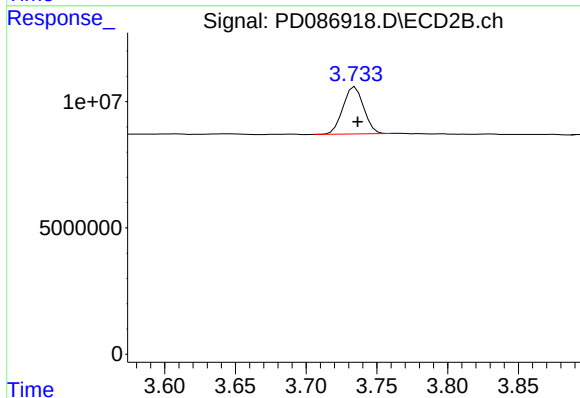
R.T.: 3.397 min
Delta R.T.: -0.002 min
Response: 20048062
Conc: 1.12 ng/ml



#3 gamma-BHC (Lindane)

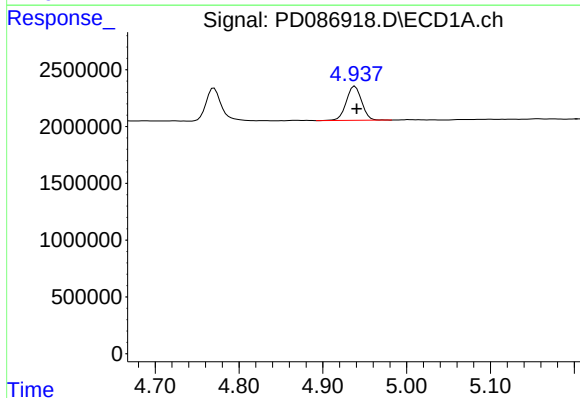
R.T.: 4.338 min
Delta R.T.: -0.002 min
Response: 3312248
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2024-07



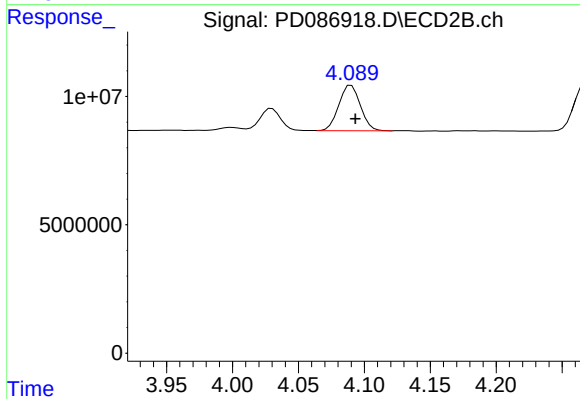
#3 gamma-BHC (Lindane)

R.T.: 3.735 min
Delta R.T.: -0.002 min
Response: 19064790
Conc: 1.14 ng/ml



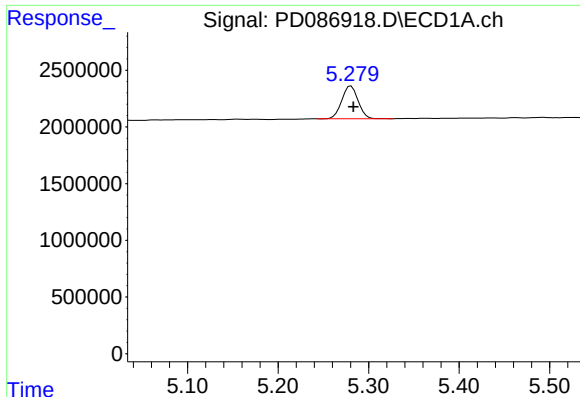
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: -0.002 min
Response: 3846856
Conc: 1.11 ng/ml



#4 Heptachlor

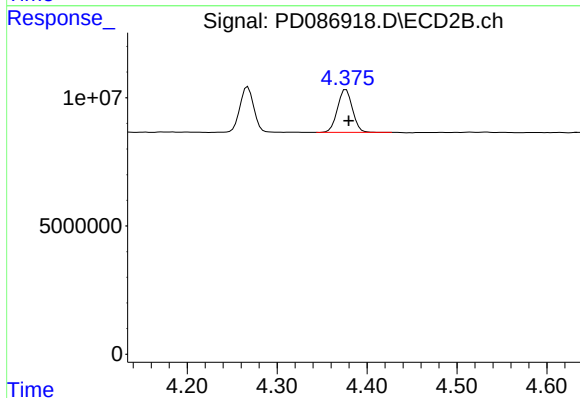
R.T.: 4.090 min
Delta R.T.: -0.003 min
Response: 20106236
Conc: 1.17 ng/ml



#5 Aldrin

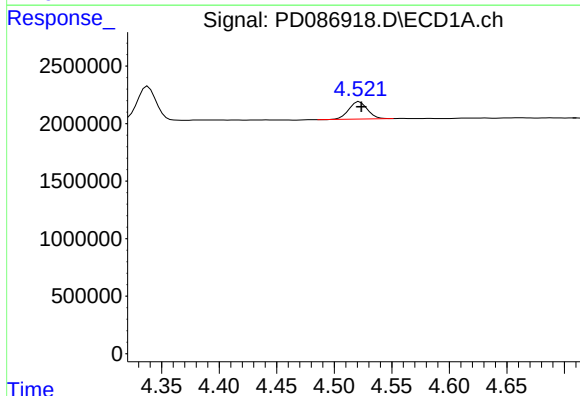
R.T.: 5.281 min
Delta R.T.: -0.002 min
Response: 3637890
Conc: 1.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2024-07



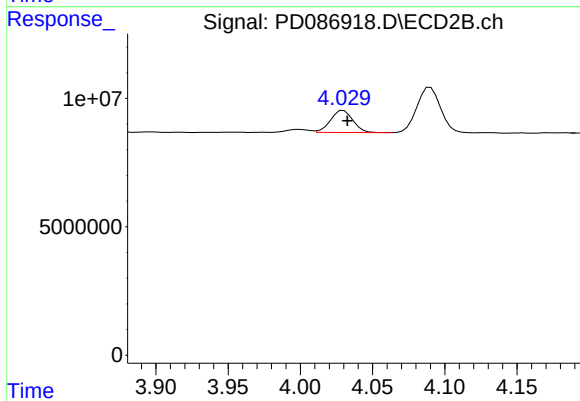
#5 Aldrin

R.T.: 4.377 min
Delta R.T.: -0.003 min
Response: 19385466
Conc: 1.13 ng/ml



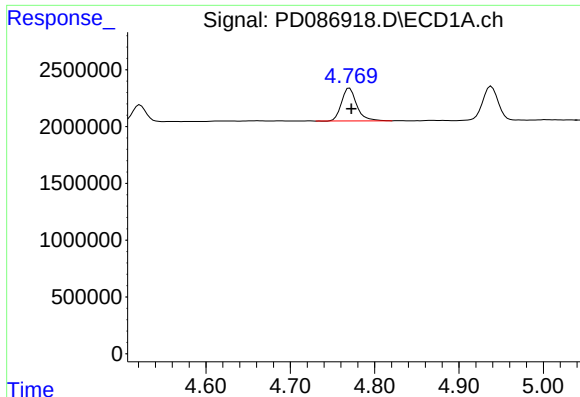
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 1713913
Conc: 1.08 ng/ml



#6 beta-BHC

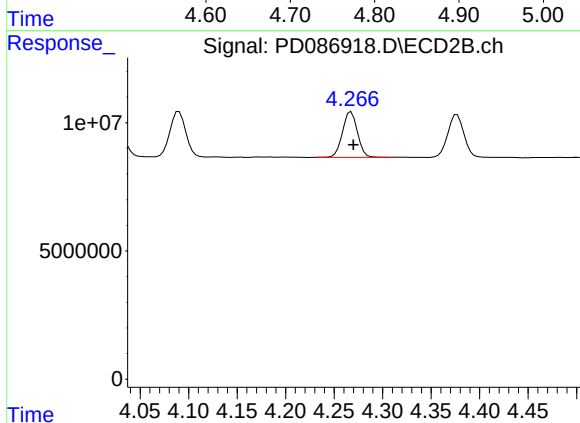
R.T.: 4.030 min
Delta R.T.: -0.003 min
Response: 9277330
Conc: 1.17 ng/ml



#7 delta-BHC

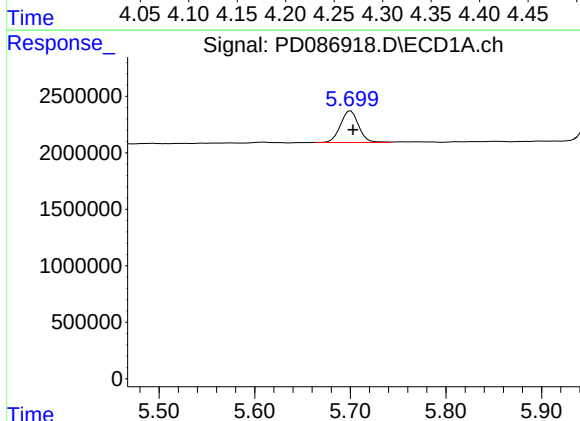
R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 3624421
Conc: 1.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2024-07



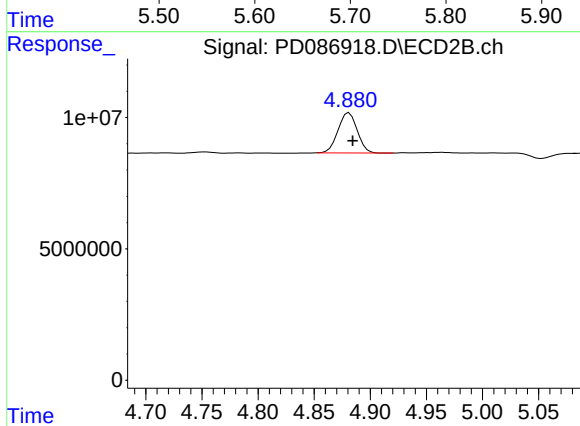
#7 delta-BHC

R.T.: 4.268 min
Delta R.T.: -0.002 min
Response: 18976744
Conc: 1.08 ng/ml



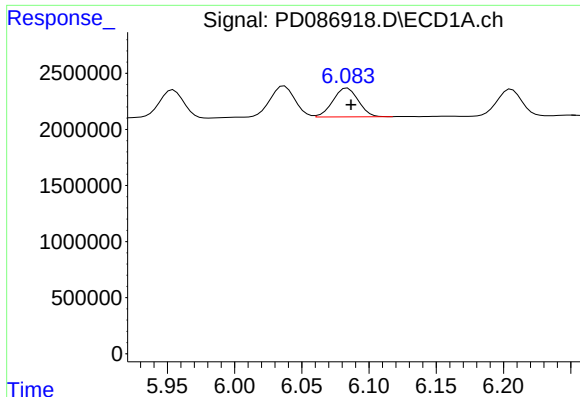
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 3685917
Conc: 1.13 ng/ml



#8 Heptachlor epoxide

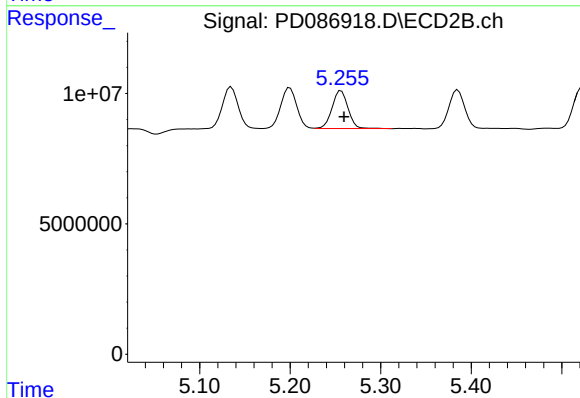
R.T.: 4.881 min
Delta R.T.: -0.003 min
Response: 18228398
Conc: 1.15 ng/ml



#9 Endosulfan I

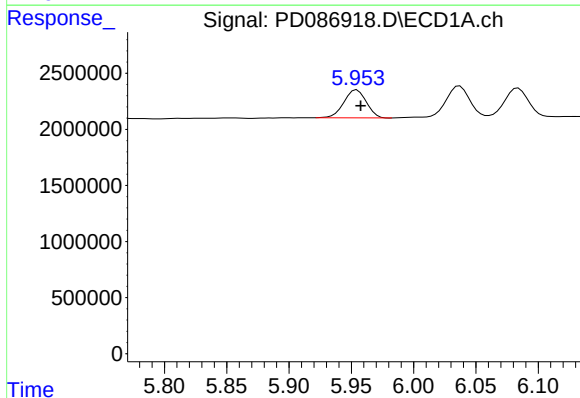
R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 3350300
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2024-07



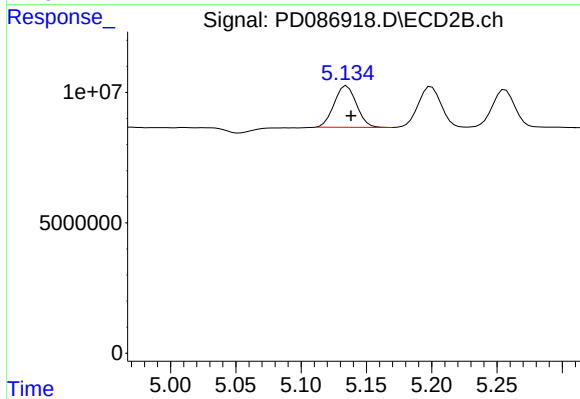
#9 Endosulfan I

R.T.: 5.256 min
Delta R.T.: -0.003 min
Response: 17859673
Conc: 1.23 ng/ml



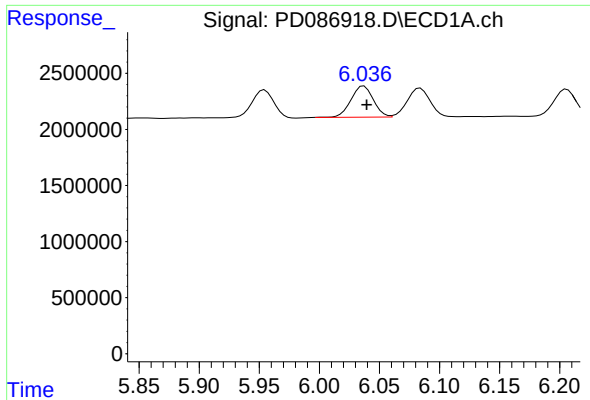
#10 trans-Chlordane

R.T.: 5.955 min
Delta R.T.: -0.003 min
Response: 3136909
Conc: 0.98 ng/ml



#10 trans-Chlordane

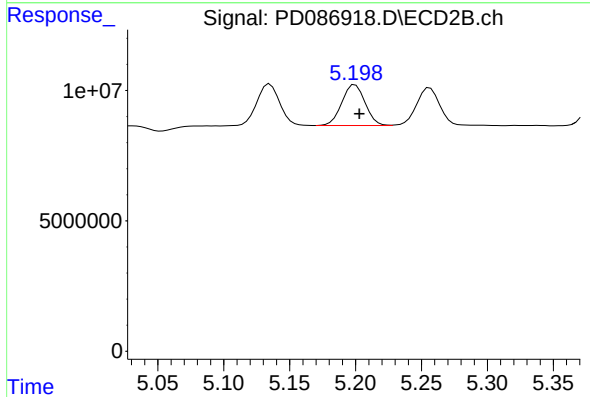
R.T.: 5.135 min
Delta R.T.: -0.003 min
Response: 19022482
Conc: 1.15 ng/ml



#11 cis-Chlordane

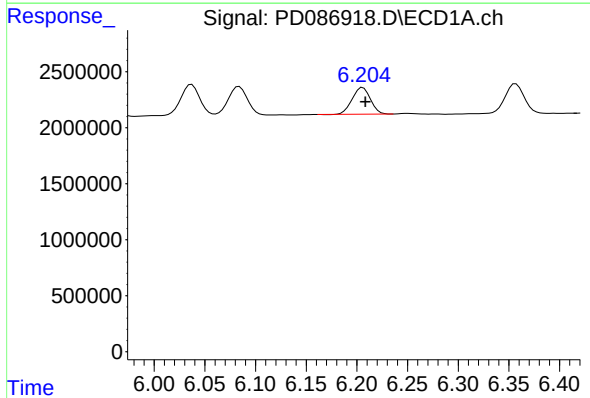
R.T.: 6.037 min
Delta R.T.: -0.002 min
Response: 3600519
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2024-07



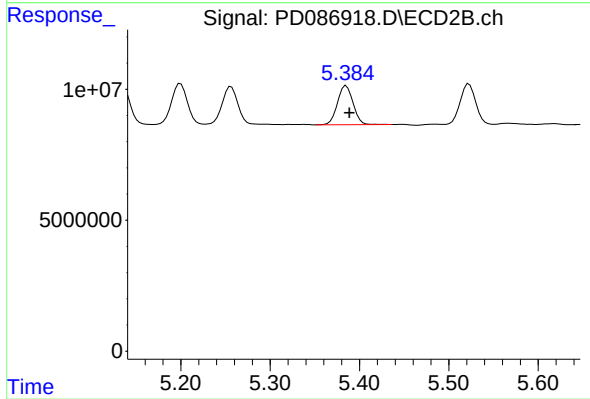
#11 cis-Chlordane

R.T.: 5.200 min
Delta R.T.: -0.003 min
Response: 19287615
Conc: 1.20 ng/ml



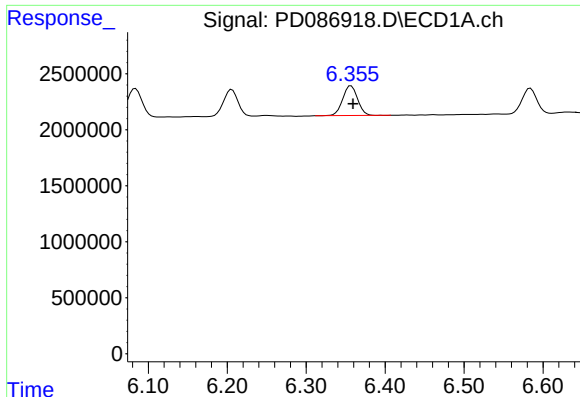
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: -0.002 min
Response: 2989663
Conc: 0.97 ng/ml



#12 4,4'-DDE

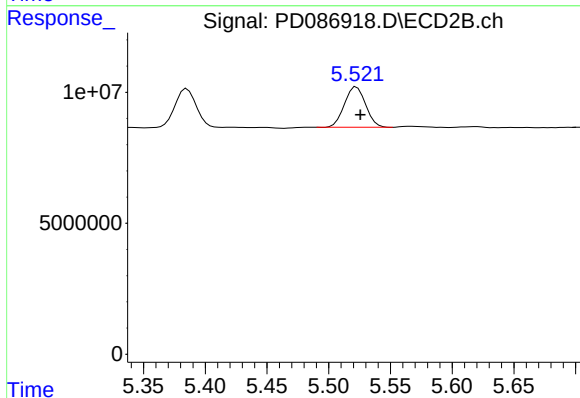
R.T.: 5.385 min
Delta R.T.: -0.004 min
Response: 18153262
Conc: 1.19 ng/ml



#13 Dieldrin

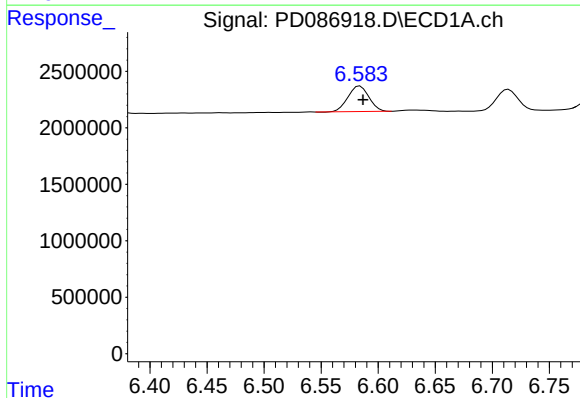
R.T.: 6.357 min
Delta R.T.: -0.003 min
Response: 3498964
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2024-07



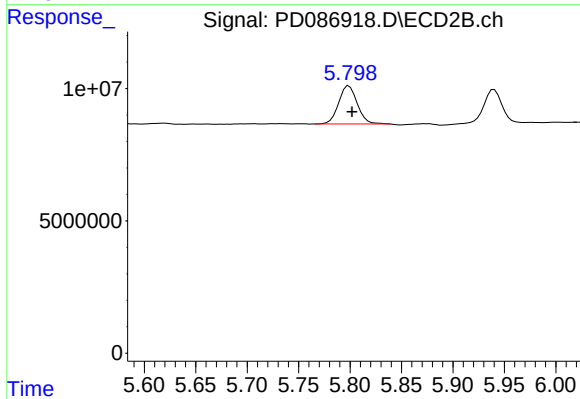
#13 Dieldrin

R.T.: 5.523 min
Delta R.T.: -0.003 min
Response: 18455475
Conc: 1.21 ng/ml



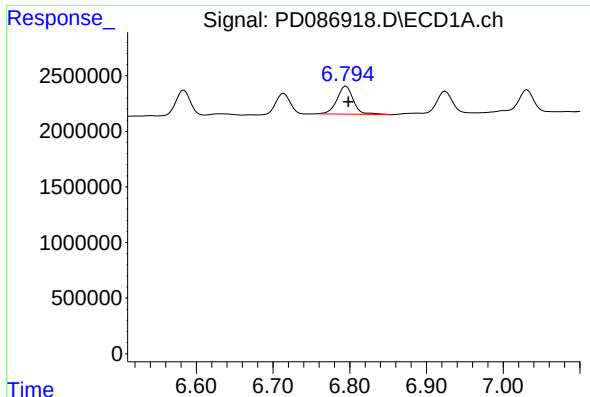
#14 Endrin

R.T.: 6.584 min
Delta R.T.: -0.003 min
Response: 2886552
Conc: 1.07 ng/ml



#14 Endrin

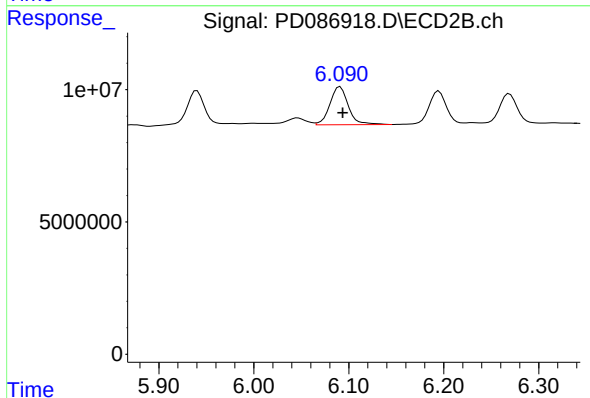
R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 18254677
Conc: 1.32 ng/ml



#15 Endosulfan II

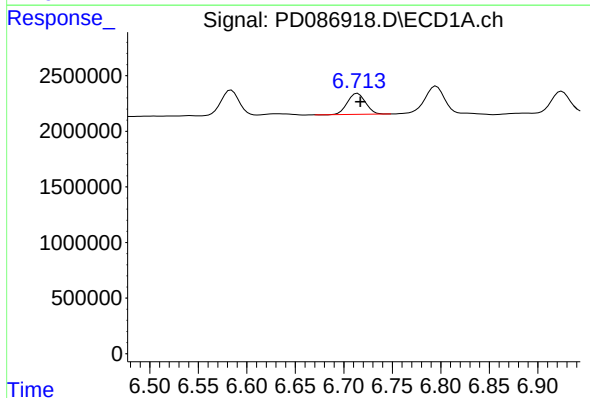
R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 3730435
Conc: 1.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2024-07



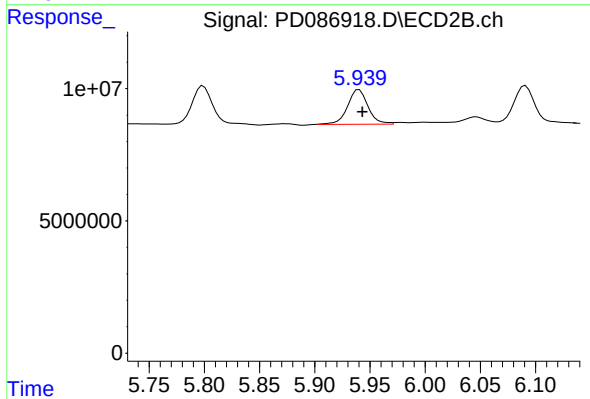
#15 Endosulfan II

R.T.: 6.091 min
Delta R.T.: -0.003 min
Response: 19365272
Conc: 1.39 ng/ml



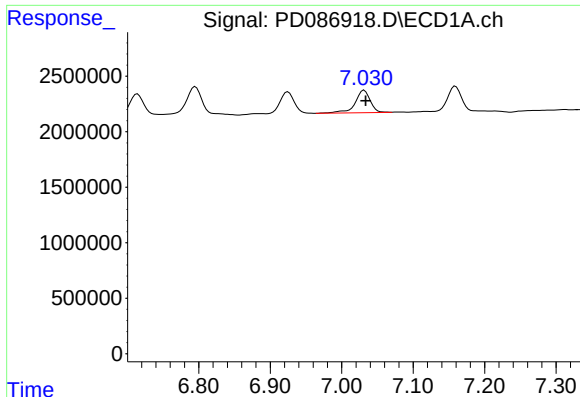
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: -0.003 min
Response: 2444598
Conc: 1.03 ng/ml



#16 4,4'-DDD

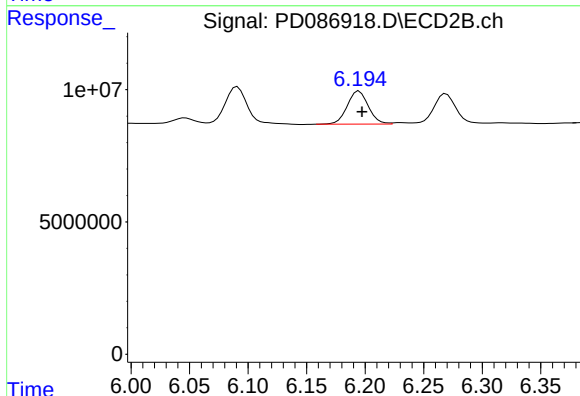
R.T.: 5.940 min
Delta R.T.: -0.003 min
Response: 16802885
Conc: 1.39 ng/ml



#17 4,4'-DDT

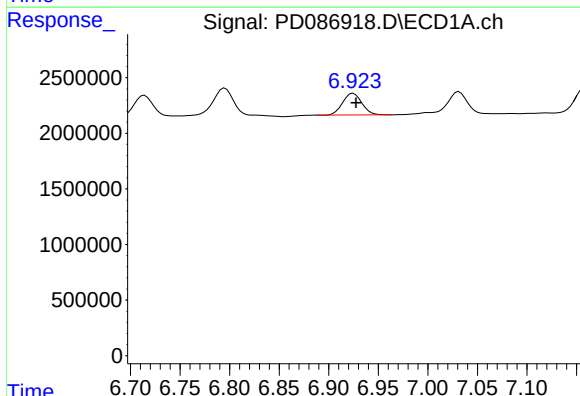
R.T.: 7.032 min
Delta R.T.: -0.002 min
Response: 2966971
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2024-07



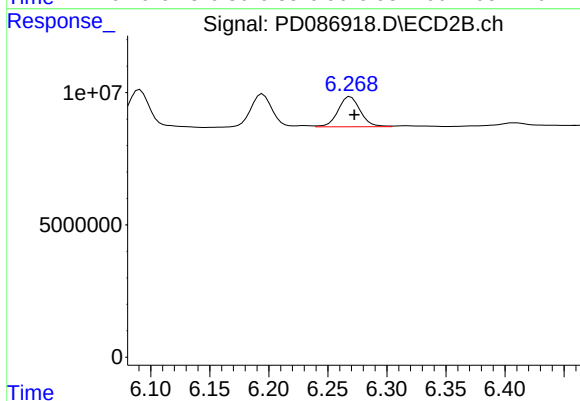
#17 4,4'-DDT

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 15650122
Conc: 1.21 ng/ml



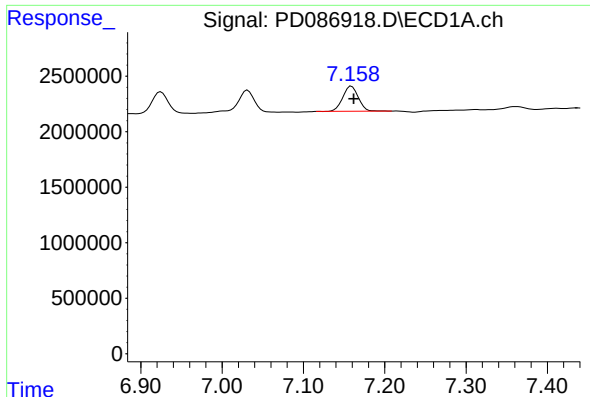
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 2637081
Conc: 1.20 ng/ml



#18 Endrin aldehyde

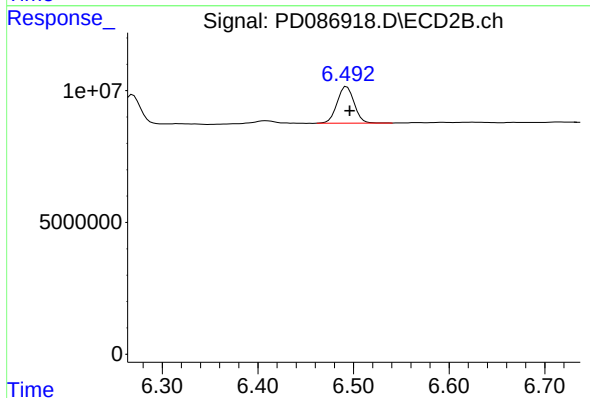
R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 14942572
Conc: 1.39 ng/ml



#19 Endosulfan Sulfate

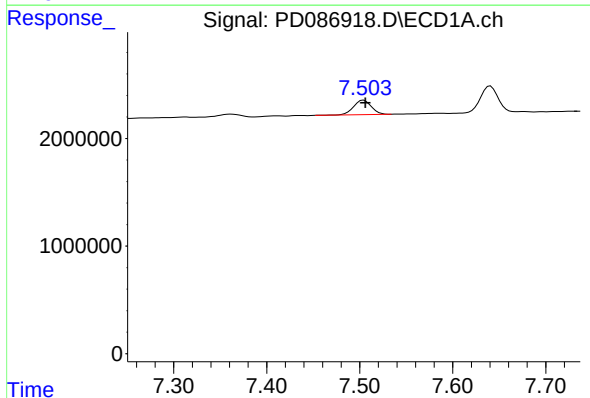
R.T.: 7.159 min
Delta R.T.: -0.003 min
Response: 2996907
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2024-07



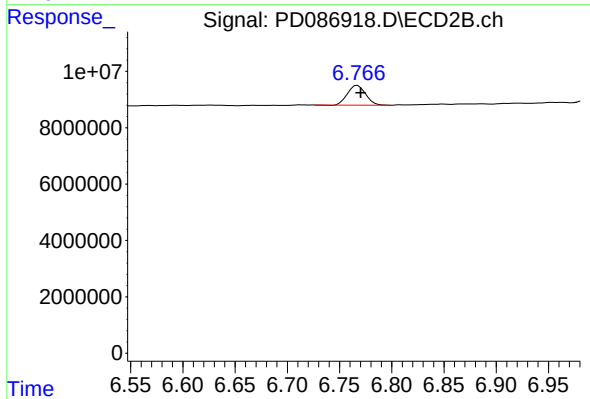
#19 Endosulfan Sulfate

R.T.: 6.493 min
Delta R.T.: -0.003 min
Response: 17287078
Conc: 1.29 ng/ml



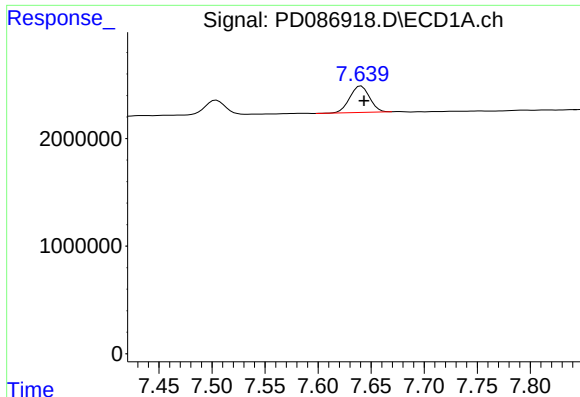
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: -0.002 min
Response: 1785022
Conc: 1.32 ng/ml



#20 Methoxychlor

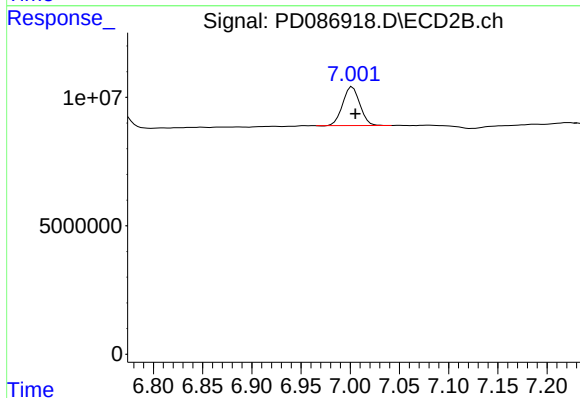
R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 8487405
Conc: 1.47 ng/ml



#21 Endrin ketone

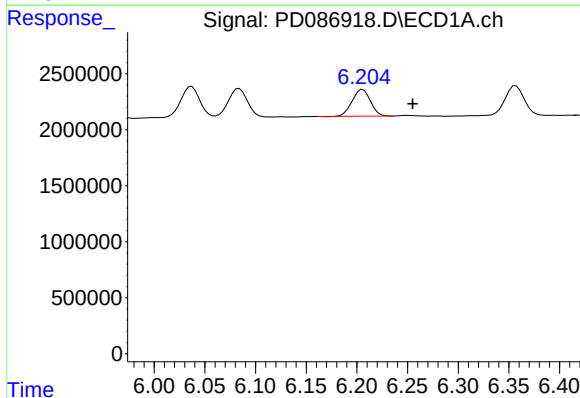
R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 3182678
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2024-07



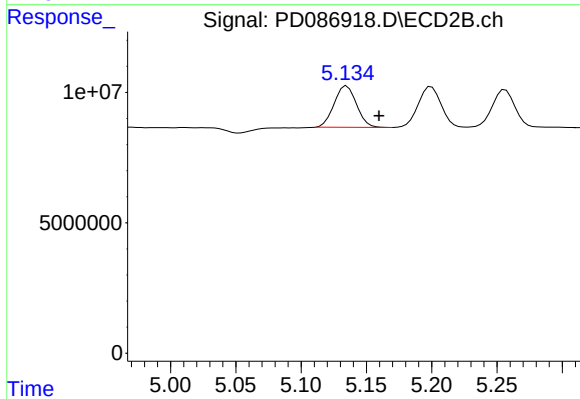
#21 Endrin ketone

R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 18347976
Conc: 1.23 ng/ml



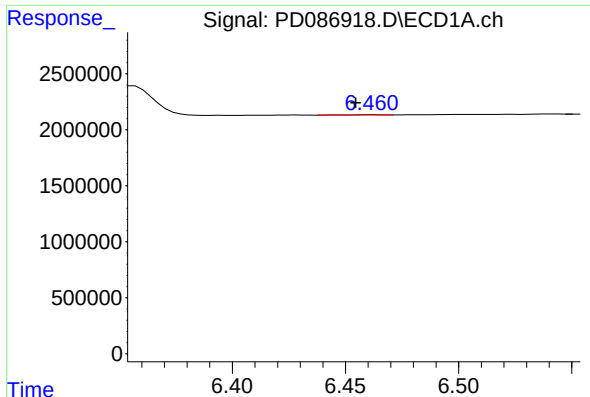
#22 Toxaphene-1

R.T.: 6.206 min
Delta R.T.: -0.049 min
Response: 2989663
Conc: 145.53 ng/ml



#22 Toxaphene-1

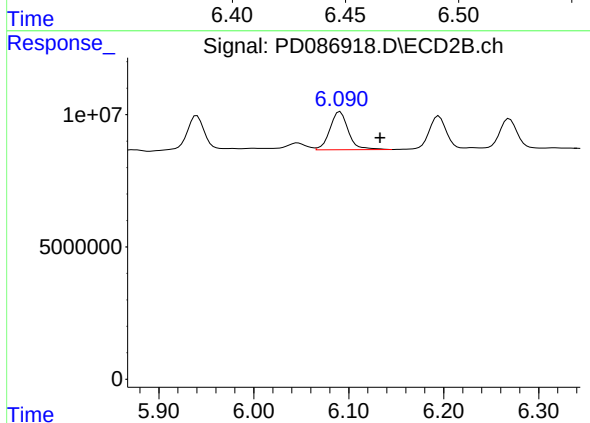
R.T.: 5.135 min
Delta R.T.: -0.025 min
Response: 19022482
Conc: 233.16 ng/ml



#23 Toxaphene-2

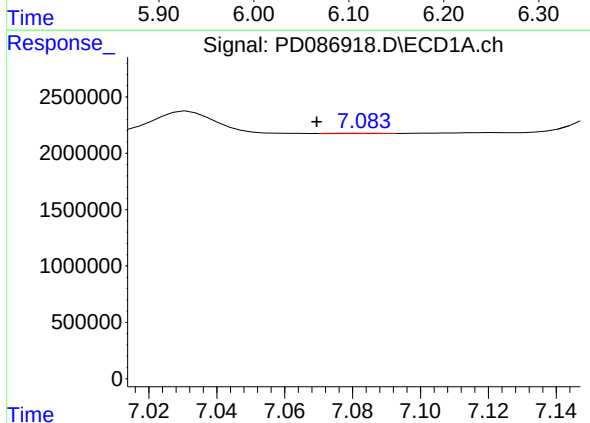
R.T.: 6.462 min
Delta R.T.: 0.008 min
Response: 21960
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2024-07



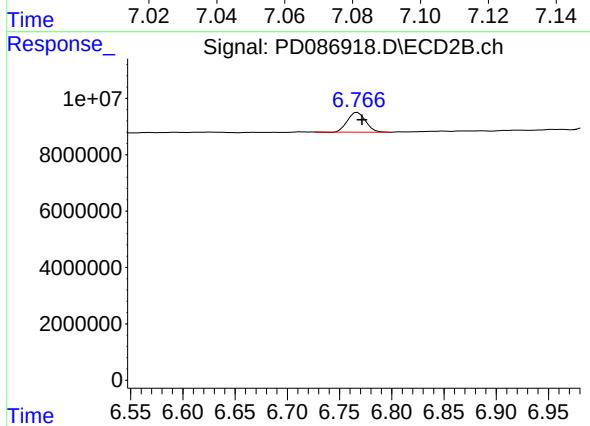
#23 Toxaphene-2

R.T.: 6.091 min
Delta R.T.: -0.042 min
Response: 19365272
Conc: 216.02 ng/ml



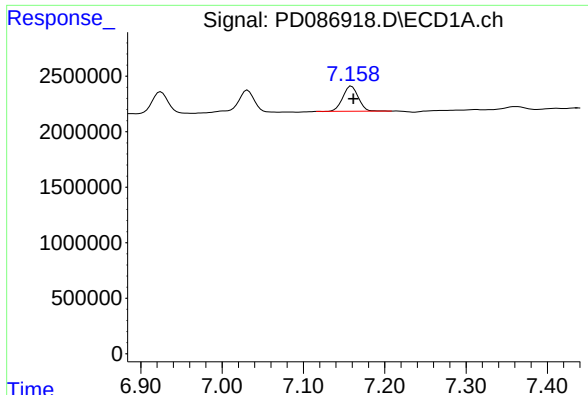
#24 Toxaphene-3

R.T.: 7.084 min
Delta R.T.: 0.014 min
Response: 25331
Conc: 0.31 ng/ml



#24 Toxaphene-3

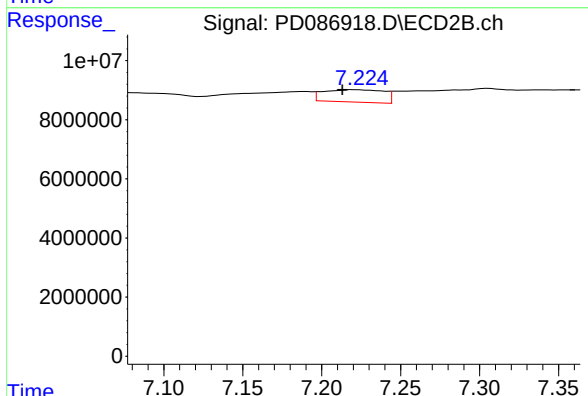
R.T.: 6.767 min
Delta R.T.: -0.004 min
Response: 8487405
Conc: 28.74 ng/ml



#25 Toxaphene-4

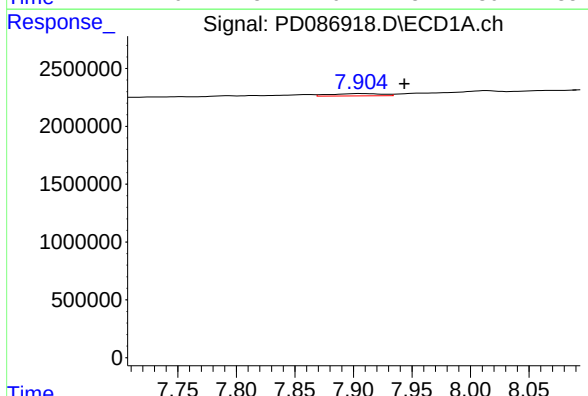
R.T.: 7.159 min
Delta R.T.: -0.002 min
Response: 2996907
Conc: 49.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2024-07



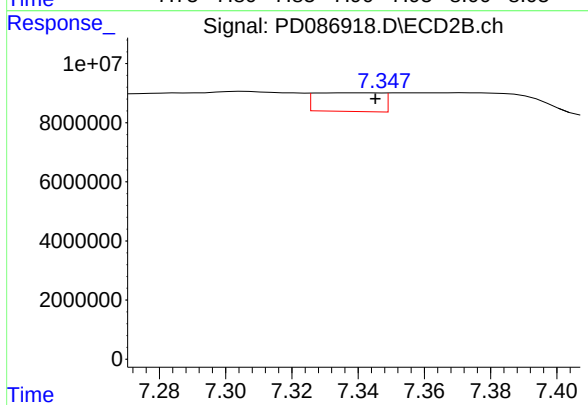
#25 Toxaphene-4

R.T.: 7.220 min
Delta R.T.: 0.007 min
Response: 11126604
Conc: 53.83 ng/ml



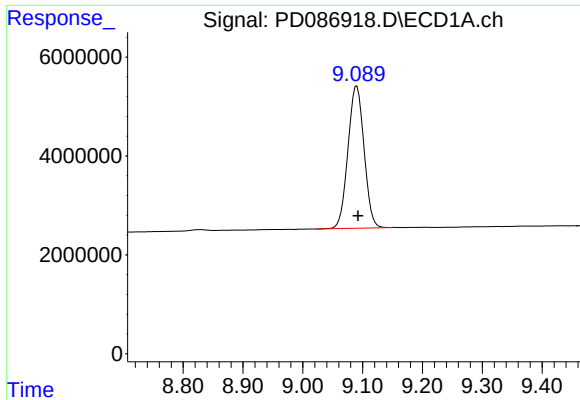
#26 Toxaphene-5

R.T.: 7.907 min
Delta R.T.: -0.037 min
Response: 605752
Conc: 13.73 ng/ml



#26 Toxaphene-5

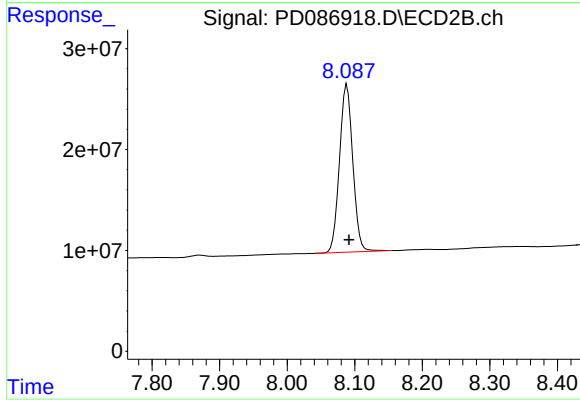
R.T.: 7.341 min
Delta R.T.: -0.004 min
Response: 8765934
Conc: 55.84 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.090 min
Delta R.T.: -0.002 min
Response: 53719870
Conc: 20.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
MDL-SOIL-QT4-2024-07



#27 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: -0.003 min
Response: 228554654
Conc: 17.93 ng/ml