

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087760.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 14:21
 Operator : AR\AJ
 Sample : Q1168-01
 Misc : CHLOR LOD 25PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 04:25:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 2025
 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...	3.556	2.881	37167056	243.7E6	18.655	20.264
28)	SA Decachlor...	9.087	8.083	58618920	289.0E6	19.219	20.447
Target Compounds							
2)	A alpha-BHC	4.005	3.387	138332	1349283	0.034	0.072 #
3)	MA gamma-BHC...	4.347	3.734	-1578	1385128	N.D.	0.078
4)	MA Heptachlor	4.932	4.087	11295225	22681163	3.030	1.309 #
5)	MB Aldrin	5.248f	4.387	3738536	43445196	0.977	2.487 #
6)	B beta-BHC	4.503f	4.043f	557141	9098343	0.353	1.193 #
7)	B delta-BHC	4.785f	4.268	12673341	11528579	3.142	0.637 #
8)	B Heptachlo...	5.684	4.904f	2880392	10236266	0.843	0.648
9)	A Endosulfan I	0.000	5.237	0	14209759	N.D.	0.953 #
10)	B gamma-Chl...	5.954	5.132	9853751	57171188	2.981	3.515
11)	B alpha-Chl...	6.040	5.197	13491816	53677782	4.050	3.365
12)	B 4,4'-DDE	0.000	5.383	0	17382369	N.D.	1.105 #
13)	MA Dieldrin	6.360	5.515	270010	433982	0.080	0.027 #
14)	MA Endrin	6.596f	5.800	-76029	20189611	N.D.	1.356
15)	B Endosulfa...	6.796	6.097	174372	17659058	0.061	1.237 #
16)	A 4,4'-DDD	6.692f	5.934	3056237	-1285570	1.270	N.D. #
17)	MA 4,4'-DDT	7.011f	6.187	266486	2876066	0.103	0.214 #
18)	B Endrin al...	6.932	6.272	497931	4733360	0.215	0.406 #
19)	B Endosulfa...	7.157	6.492	155980	1722182	0.057	0.121 #
20)	A Methoxychlor	7.499	6.765	143631	1697569	0.098	0.222 #
21)	B Endrin ke...	7.646	6.991	175229	1491369	0.057	0.096 #
22)	Mirex	8.126	7.214f	98898	7302724	0.043	0.577 #
23)	Chlordane-1	4.722	3.908	3503965	17845841	27.404	32.085
24)	Chlordane-2	5.248	4.493	3738536	41091298	27.556	69.532 #
25)	Chlordane-3	5.954	5.132	9853751	57171188	19.601	32.755 #
26)	Chlordane-4	6.040	5.197	13491816	53677782	22.198	36.380 #
27)	Chlordane-5	6.880	6.097	1977137	17659058	18.520	26.972 #

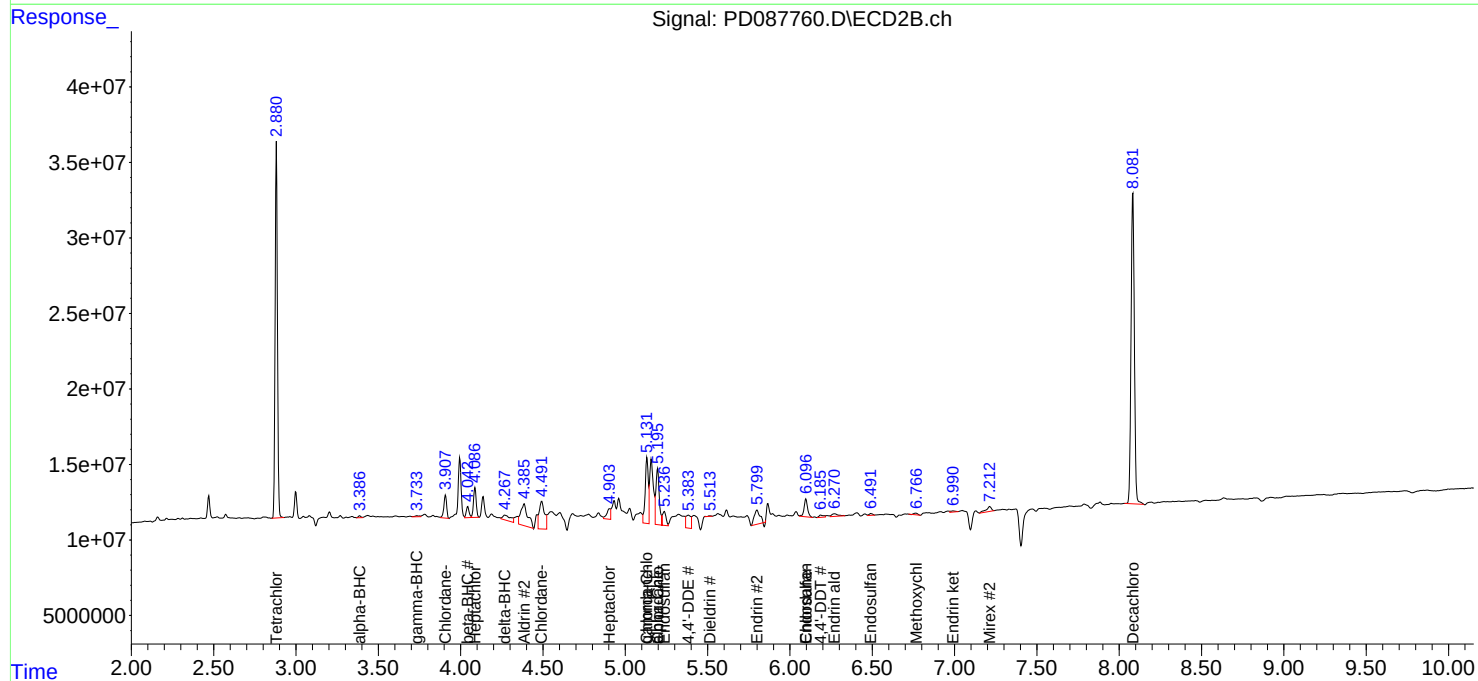
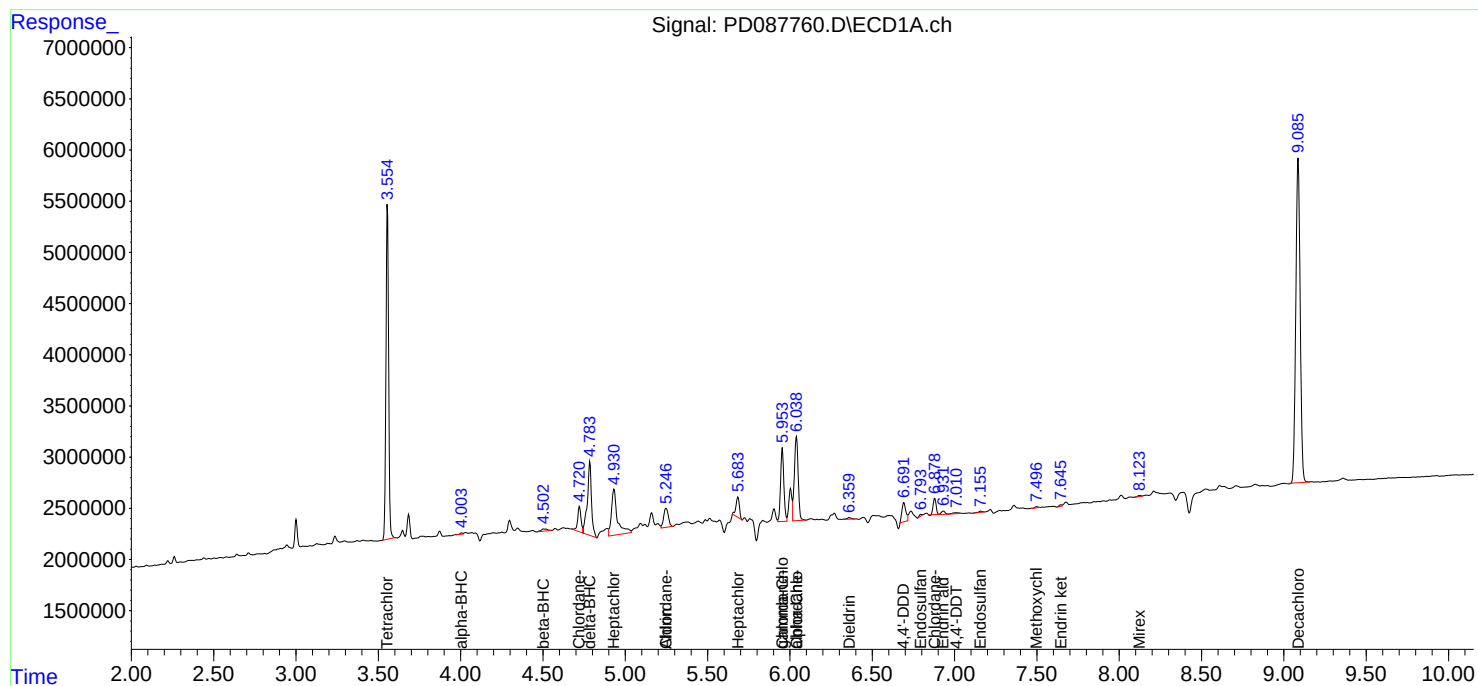
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

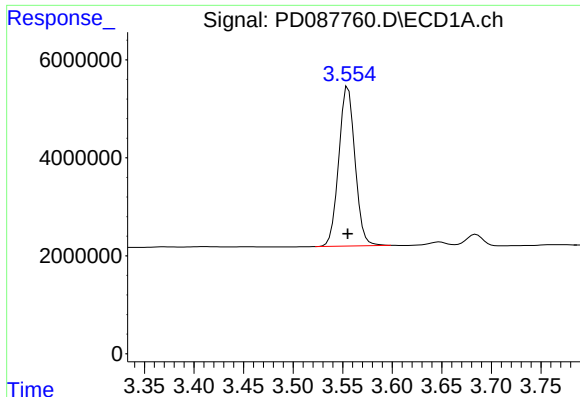
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087760.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 14:21
Operator : AR\AJ
Sample : Q1168-01
Misc : CHLOR LOD 25PPB
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 04:25:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 2025
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

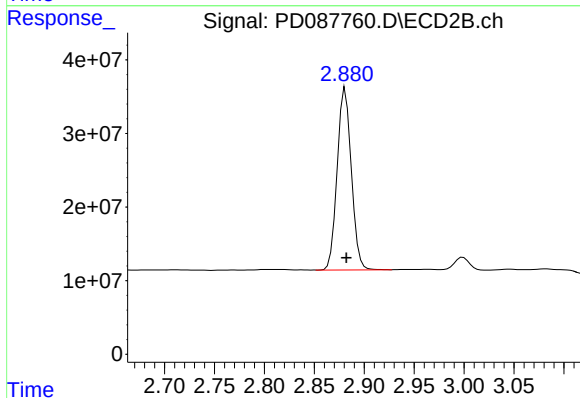




#1 Tetrachloro-m-xylene

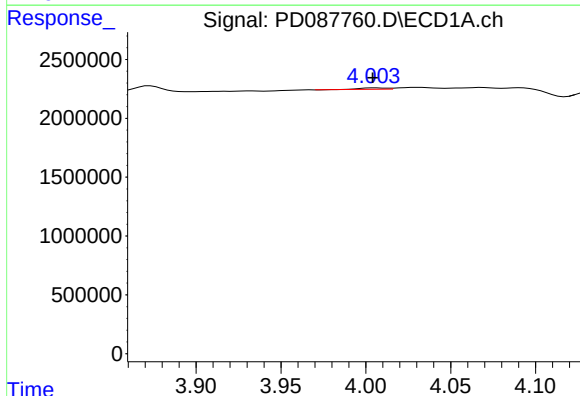
R.T.: 3.556 min
Delta R.T.: 0.000 min
Response: 37167056
Conc: 18.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



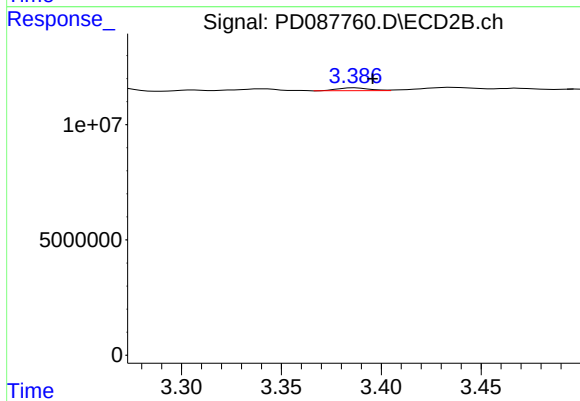
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.001 min
Response: 243715339
Conc: 20.26 ng/ml



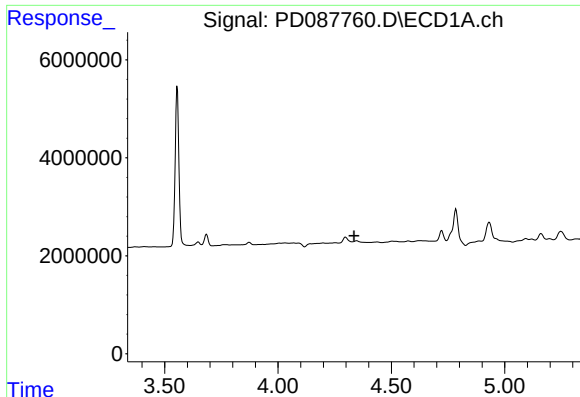
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.002 min
Response: 138332
Conc: 0.03 ng/ml



#2 alpha-BHC

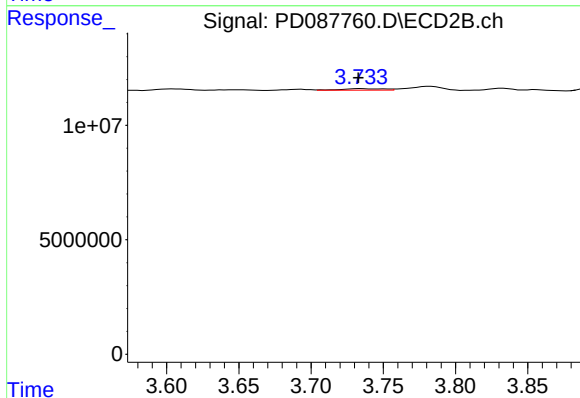
R.T.: 3.387 min
Delta R.T.: -0.009 min
Response: 1349283
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

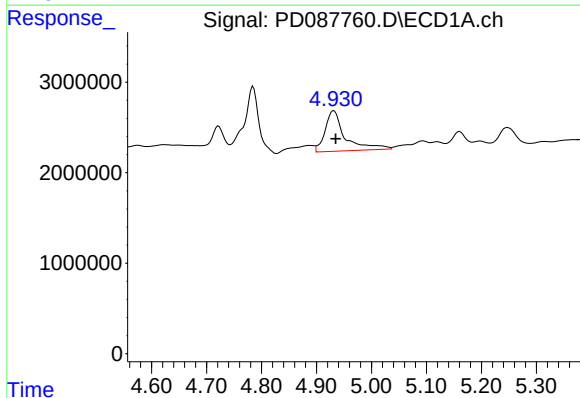
R.T.: 4.347 min
Delta R.T.: 0.012 min
Response: -1578
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



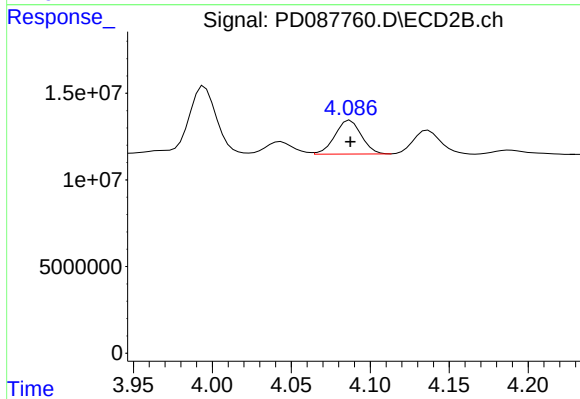
#3 gamma-BHC (Lindane)

R.T.: 3.734 min
Delta R.T.: 0.001 min
Response: 1385128
Conc: 0.08 ng/ml



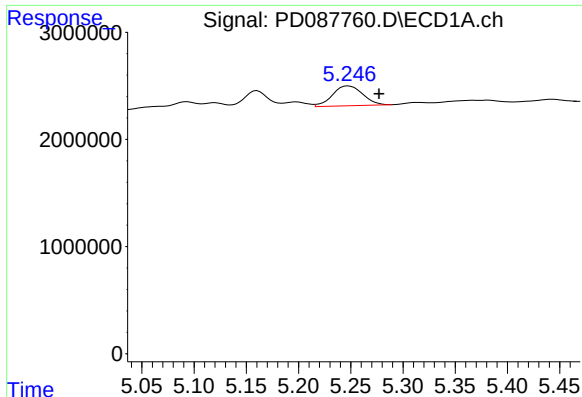
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: -0.004 min
Response: 11295225
Conc: 3.03 ng/ml



#4 Heptachlor

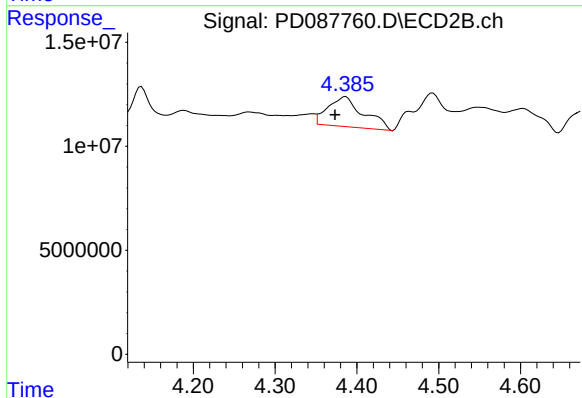
R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 22681163
Conc: 1.31 ng/ml



#5 Aldrin

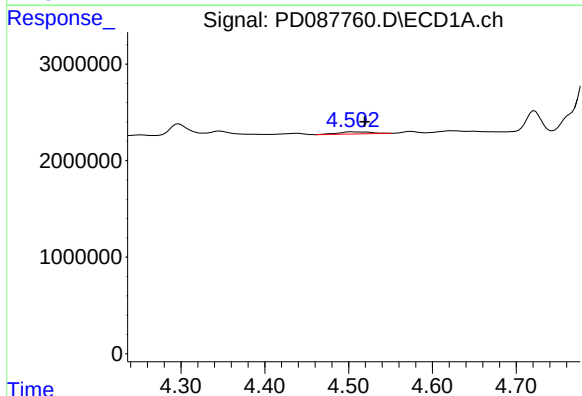
R.T.: 5.248 min
Delta R.T.: -0.029 min
Response: 3738536
Conc: 0.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



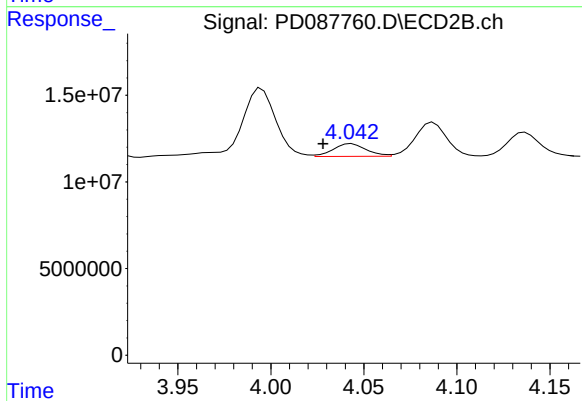
#5 Aldrin

R.T.: 4.387 min
Delta R.T.: 0.013 min
Response: 43445196
Conc: 2.49 ng/ml



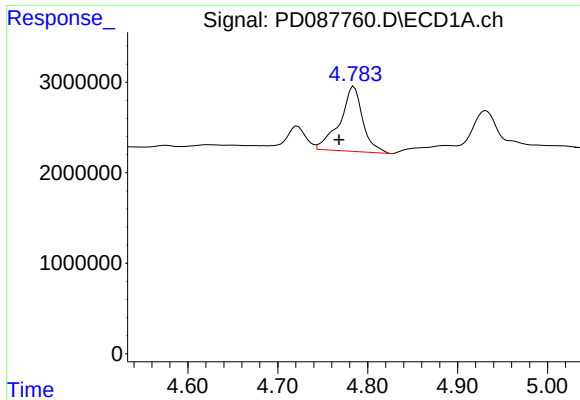
#6 beta-BHC

R.T.: 4.503 min
Delta R.T.: -0.016 min
Response: 557141
Conc: 0.35 ng/ml



#6 beta-BHC

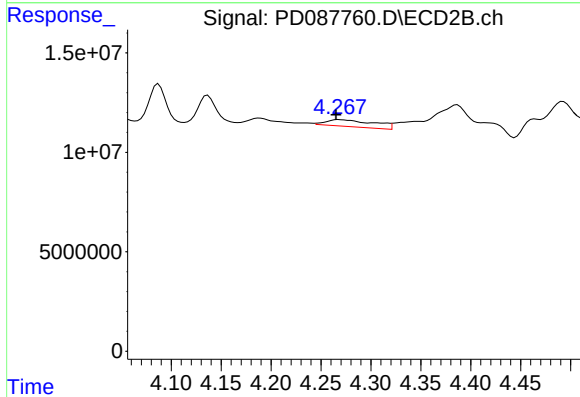
R.T.: 4.043 min
Delta R.T.: 0.015 min
Response: 9098343
Conc: 1.19 ng/ml



#7 delta-BHC

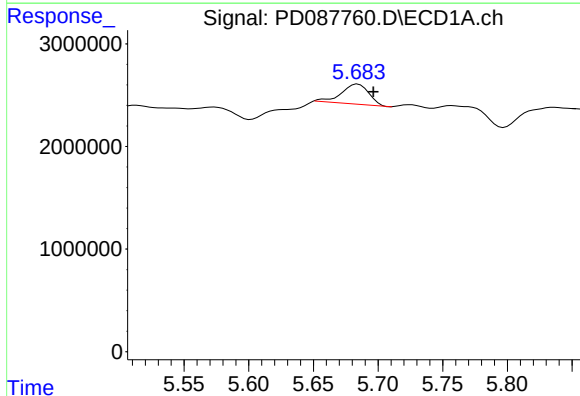
R.T.: 4.785 min
Delta R.T.: 0.017 min
Response: 12673341
Conc: 3.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



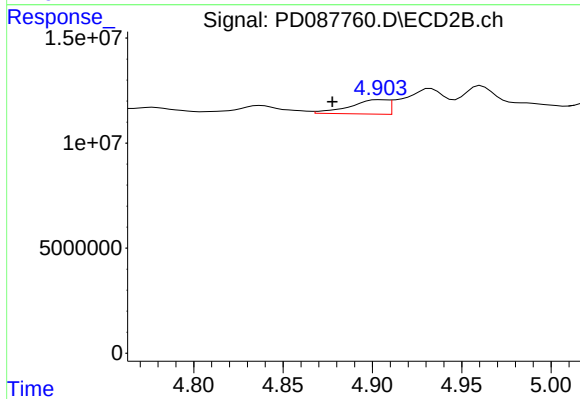
#7 delta-BHC

R.T.: 4.268 min
Delta R.T.: 0.003 min
Response: 11528579
Conc: 0.64 ng/ml



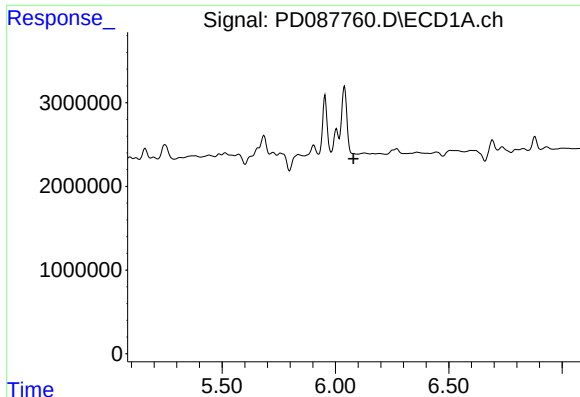
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.012 min
Response: 2880392
Conc: 0.84 ng/ml



#8 Heptachlor epoxide

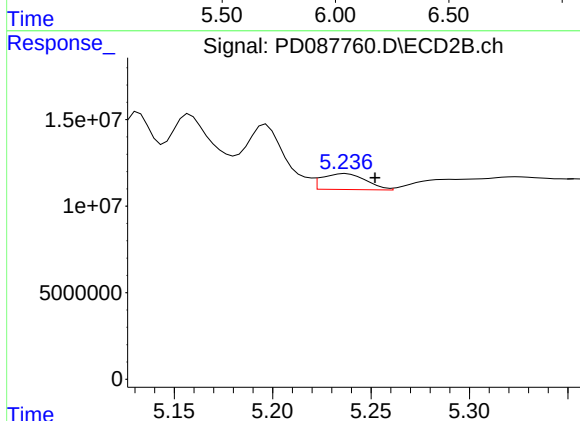
R.T.: 4.904 min
Delta R.T.: 0.027 min
Response: 10236266
Conc: 0.65 ng/ml



#9 Endosulfan I

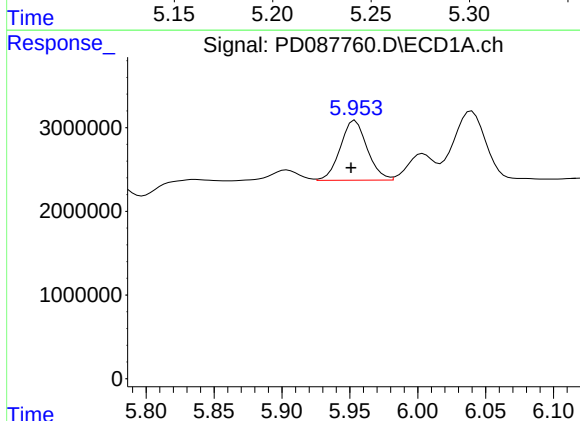
R.T.: 0.000 min
Exp R.T.: 6.080 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



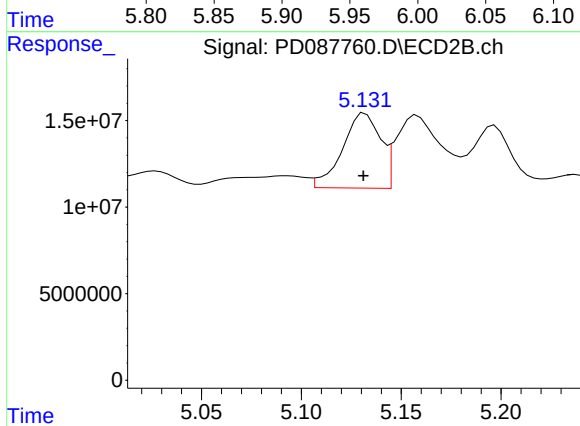
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.015 min
Response: 14209759
Conc: 0.95 ng/ml



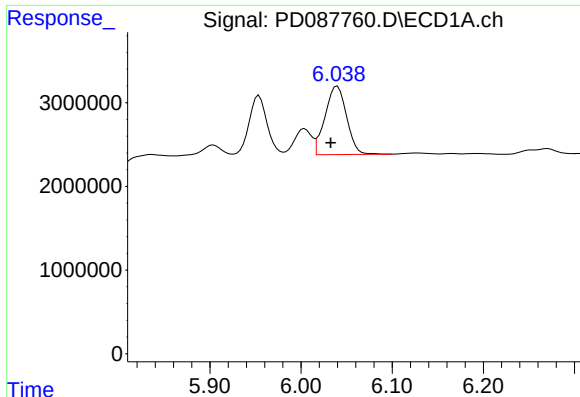
#10 gamma-Chlordane

R.T.: 5.954 min
Delta R.T.: 0.003 min
Response: 9853751
Conc: 2.98 ng/ml



#10 gamma-Chlordane

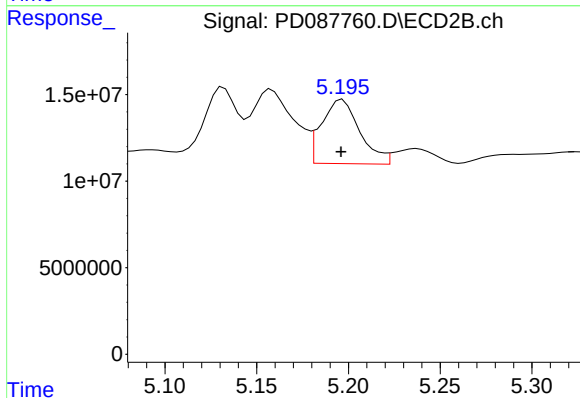
R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 57171188
Conc: 3.52 ng/ml



#11 alpha-Chlordane

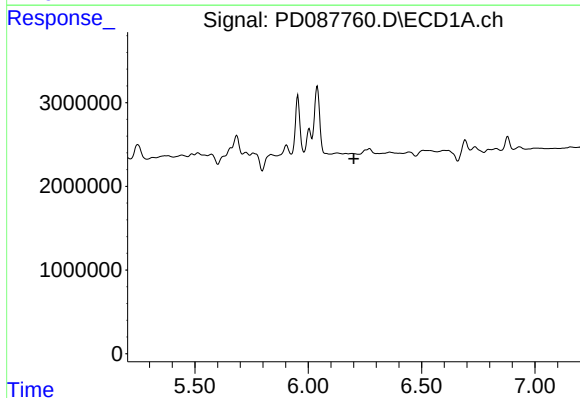
R.T.: 6.040 min
Delta R.T.: 0.007 min
Response: 13491816
Conc: 4.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



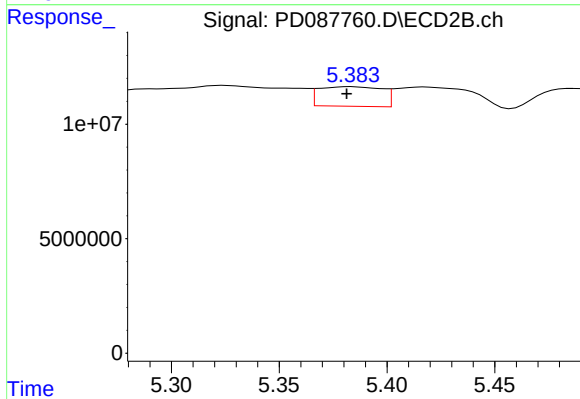
#11 alpha-Chlordane

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 53677782
Conc: 3.36 ng/ml



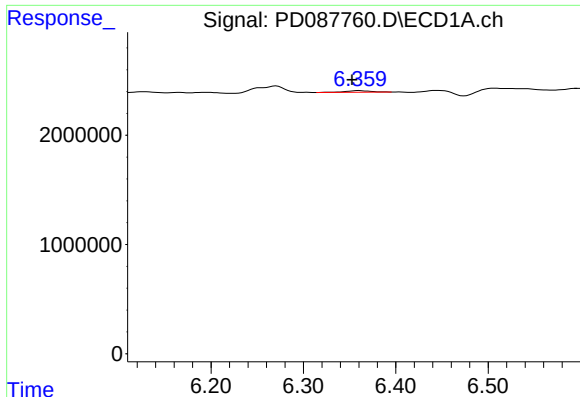
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.201 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

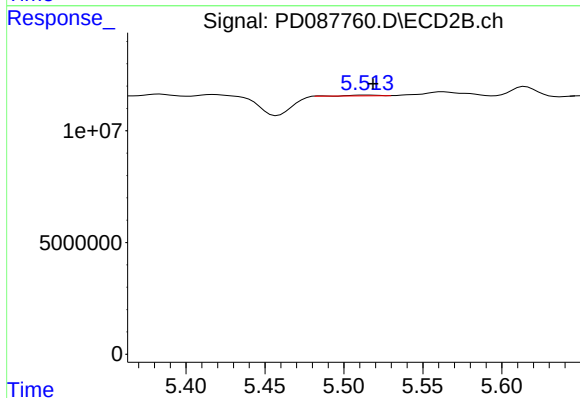
R.T.: 5.383 min
Delta R.T.: 0.002 min
Response: 17382369
Conc: 1.10 ng/ml



#13 Dieldrin

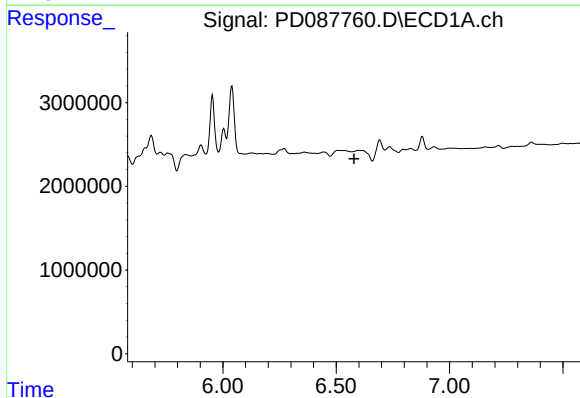
R.T.: 6.360 min
Delta R.T.: 0.007 min
Response: 270010
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



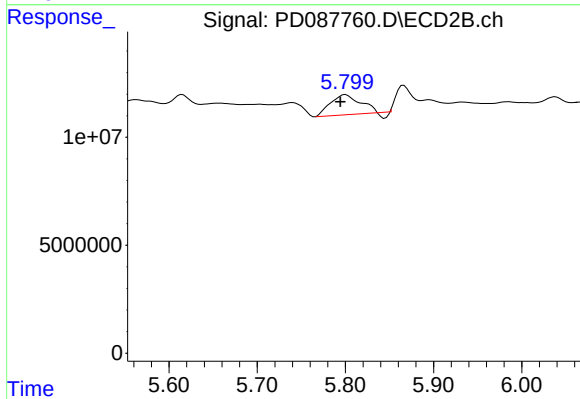
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.003 min
Response: 433982
Conc: 0.03 ng/ml



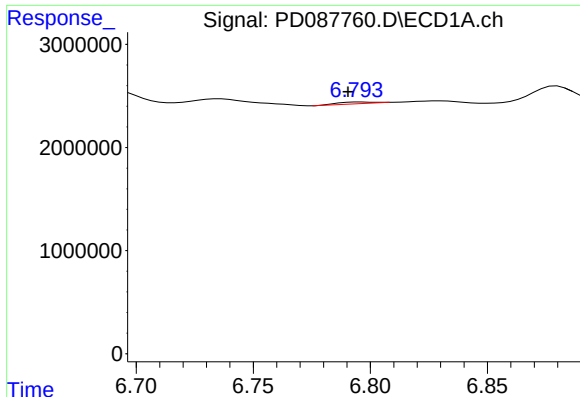
#14 Endrin

R.T.: 6.596 min
Delta R.T.: 0.017 min
Response: -76029
Conc: N.D.



#14 Endrin

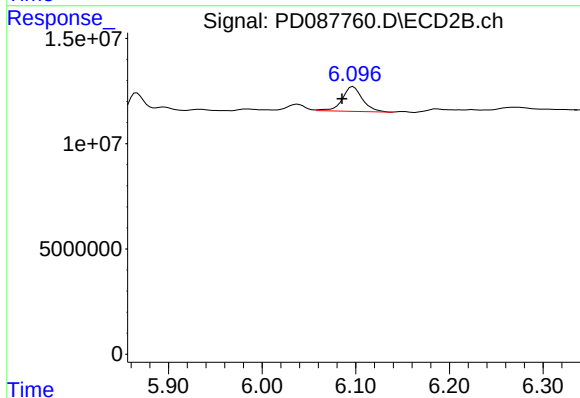
R.T.: 5.800 min
Delta R.T.: 0.006 min
Response: 20189611
Conc: 1.36 ng/ml



#15 Endosulfan II

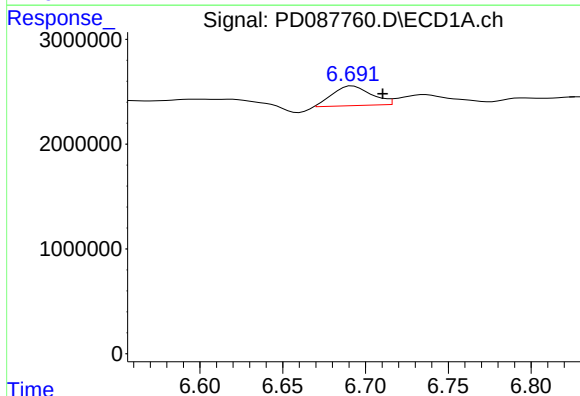
R.T.: 6.796 min
Delta R.T.: 0.005 min
Response: 174372
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



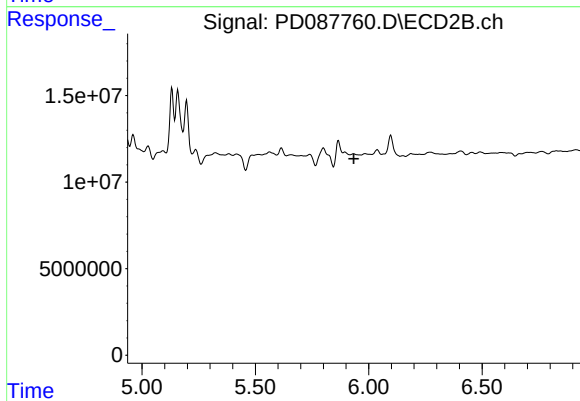
#15 Endosulfan II

R.T.: 6.097 min
Delta R.T.: 0.012 min
Response: 17659058
Conc: 1.24 ng/ml



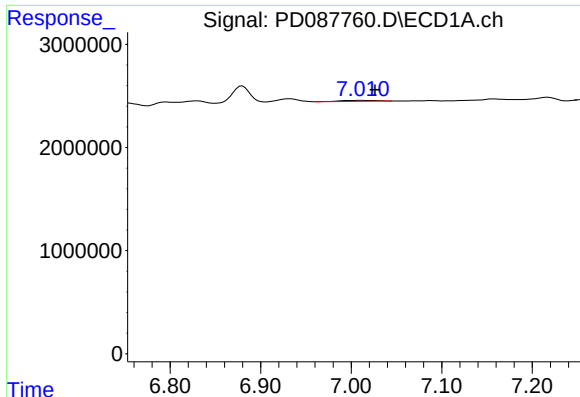
#16 4,4'-DDD

R.T.: 6.692 min
Delta R.T.: -0.018 min
Response: 3056237
Conc: 1.27 ng/ml



#16 4,4'-DDD

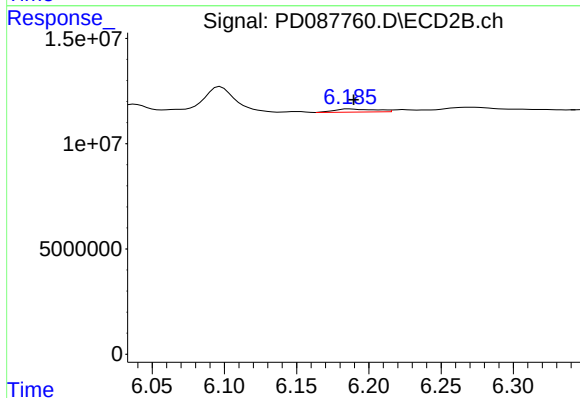
R.T.: 5.934 min
Delta R.T.: -0.001 min
Response: -1285570
Conc: N.D.



#17 4,4'-DDT

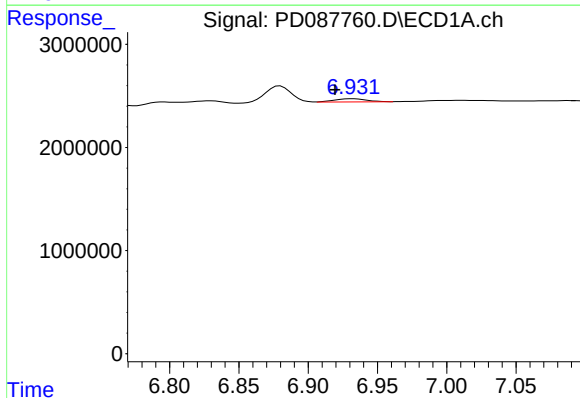
R.T.: 7.011 min
Delta R.T.: -0.015 min
Response: 266486
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



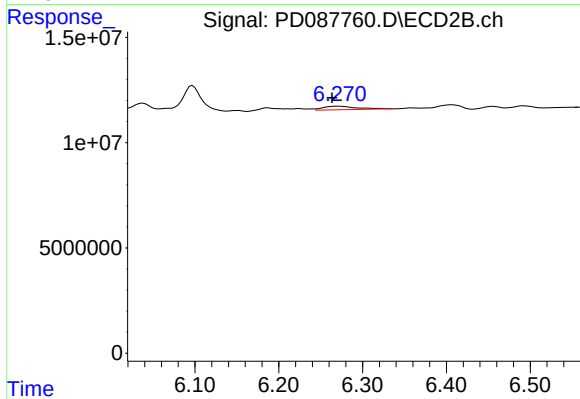
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 2876066
Conc: 0.21 ng/ml



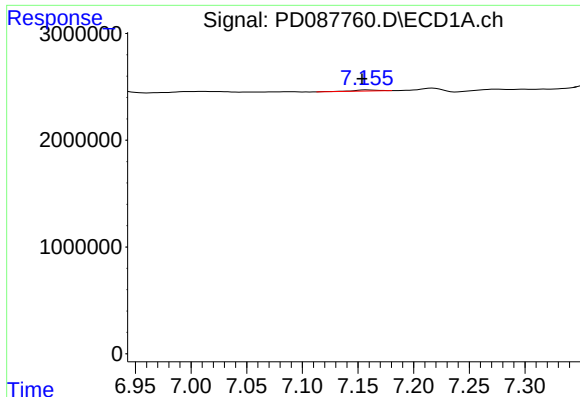
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.013 min
Response: 497931
Conc: 0.21 ng/ml



#18 Endrin aldehyde

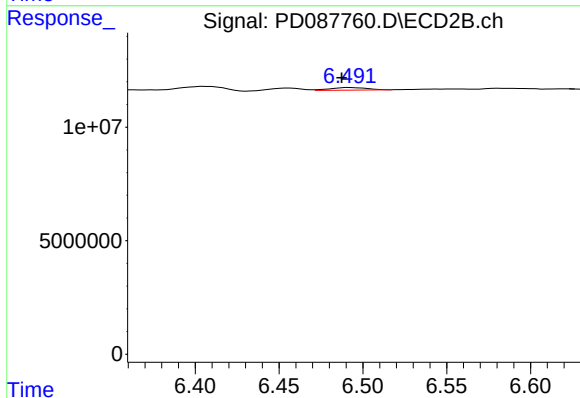
R.T.: 6.272 min
Delta R.T.: 0.009 min
Response: 4733360
Conc: 0.41 ng/ml



#19 Endosulfan Sulfate

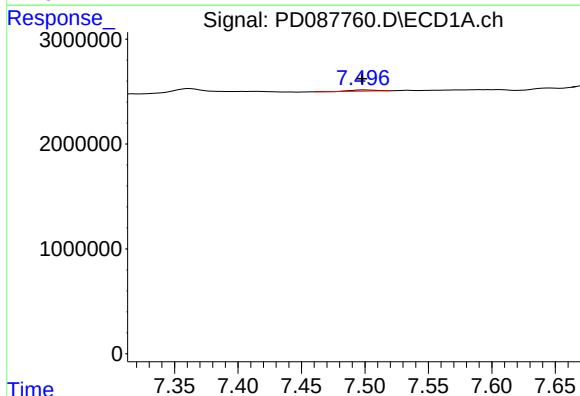
R.T.: 7.157 min
Delta R.T.: 0.003 min
Response: 155980
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



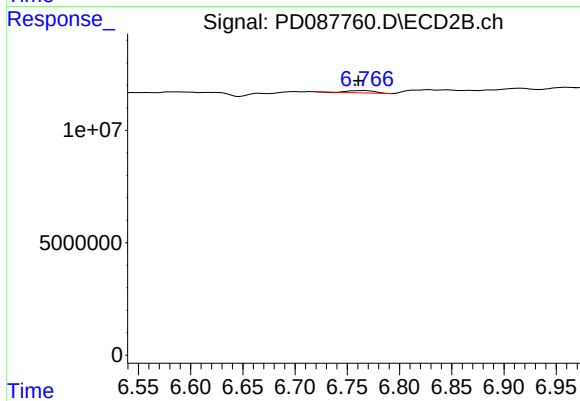
#19 Endosulfan Sulfate

R.T.: 6.492 min
Delta R.T.: 0.005 min
Response: 1722182
Conc: 0.12 ng/ml



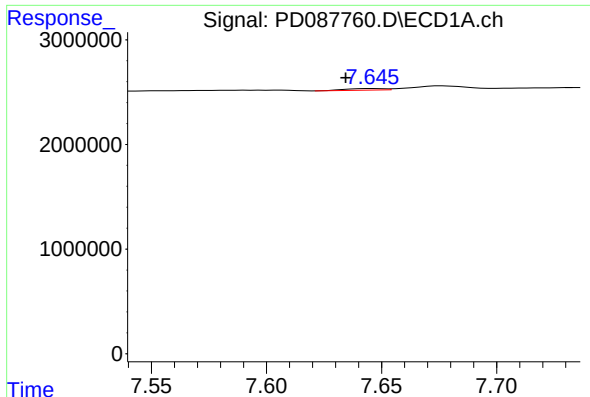
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 143631
Conc: 0.10 ng/ml



#20 Methoxychlor

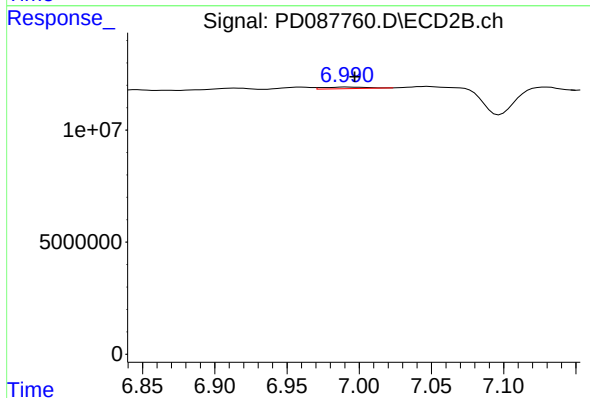
R.T.: 6.765 min
Delta R.T.: 0.004 min
Response: 1697569
Conc: 0.22 ng/ml



#21 Endrin ketone

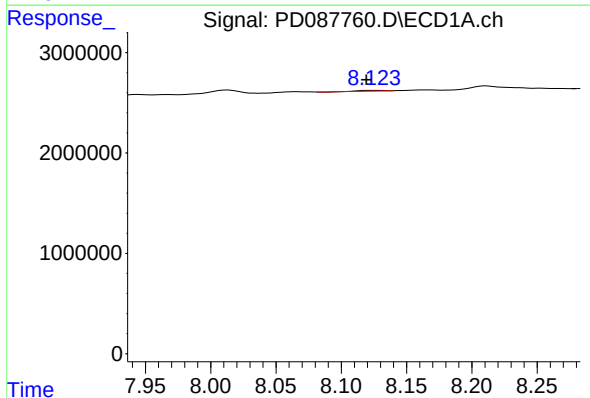
R.T.: 7.646 min
Delta R.T.: 0.012 min
Response: 175229
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



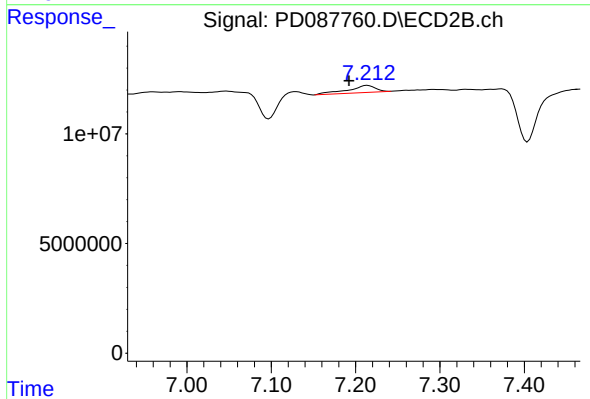
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.005 min
Response: 1491369
Conc: 0.10 ng/ml



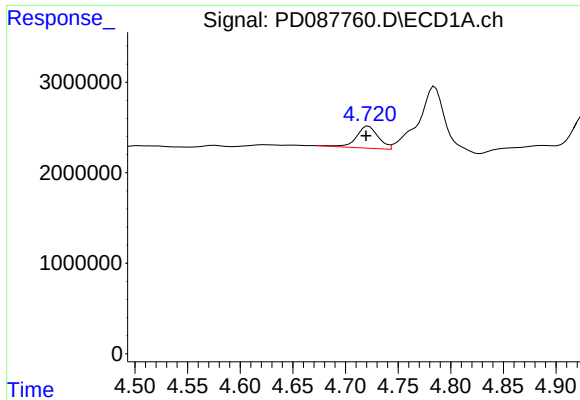
#22 Mirex

R.T.: 8.126 min
Delta R.T.: 0.006 min
Response: 98898
Conc: 0.04 ng/ml



#22 Mirex

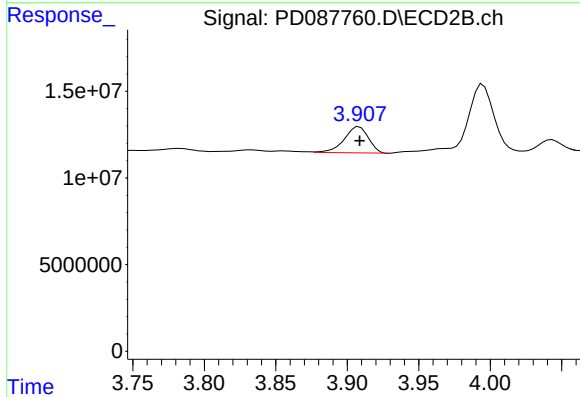
R.T.: 7.214 min
Delta R.T.: 0.022 min
Response: 7302724
Conc: 0.58 ng/ml



#23 Chlordane-1

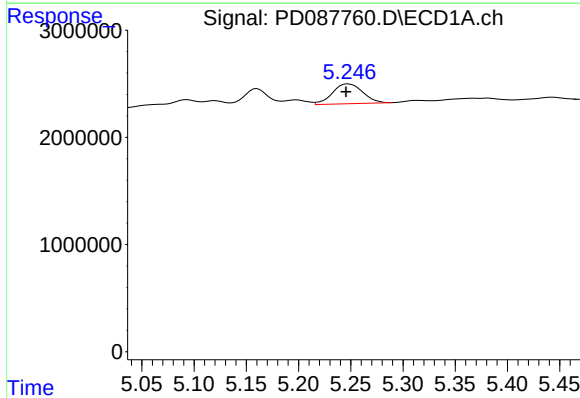
R.T.: 4.722 min
Delta R.T.: 0.002 min
Response: 3503965
Conc: 27.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



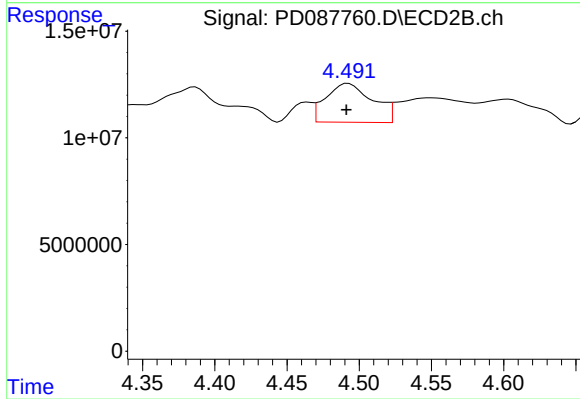
#23 Chlordane-1

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 17845841
Conc: 32.09 ng/ml



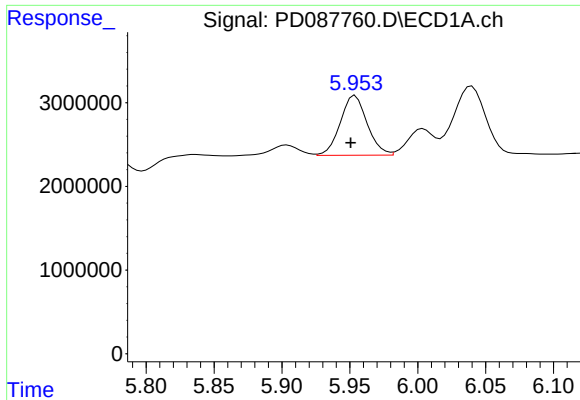
#24 Chlordane-2

R.T.: 5.248 min
Delta R.T.: 0.002 min
Response: 3738536
Conc: 27.56 ng/ml



#24 Chlordane-2

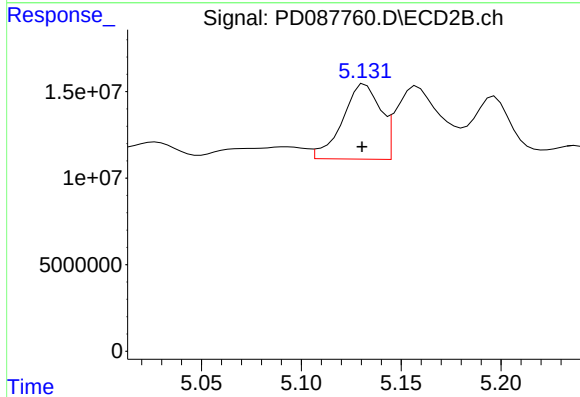
R.T.: 4.493 min
Delta R.T.: 0.002 min
Response: 41091298
Conc: 69.53 ng/ml



#25 Chlordane-3

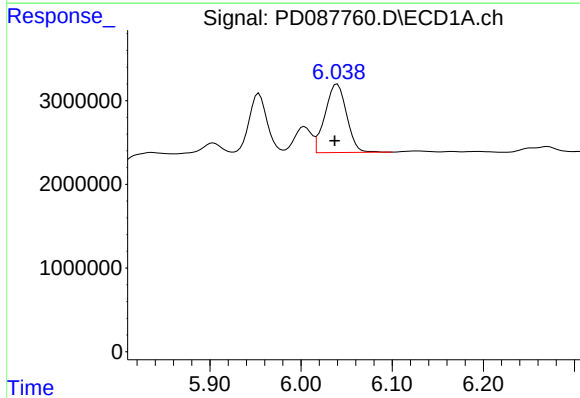
R.T.: 5.954 min
Delta R.T.: 0.003 min
Response: 9853751
Conc: 19.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



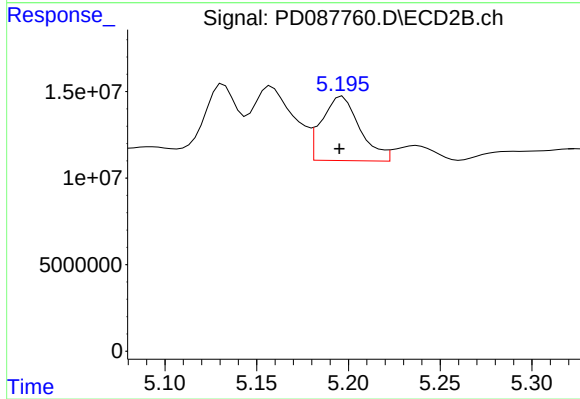
#25 Chlordane-3

R.T.: 5.132 min
Delta R.T.: 0.001 min
Response: 57171188
Conc: 32.76 ng/ml



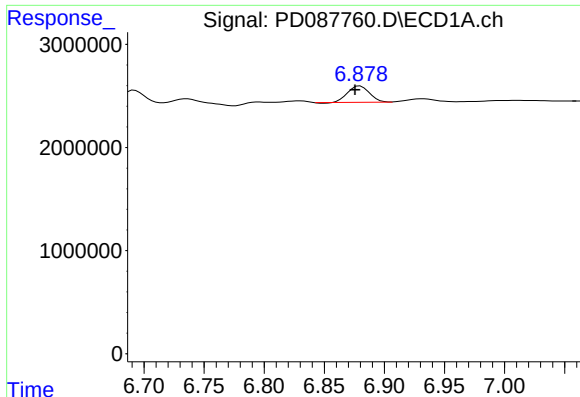
#26 Chlordane-4

R.T.: 6.040 min
Delta R.T.: 0.003 min
Response: 13491816
Conc: 22.20 ng/ml



#26 Chlordane-4

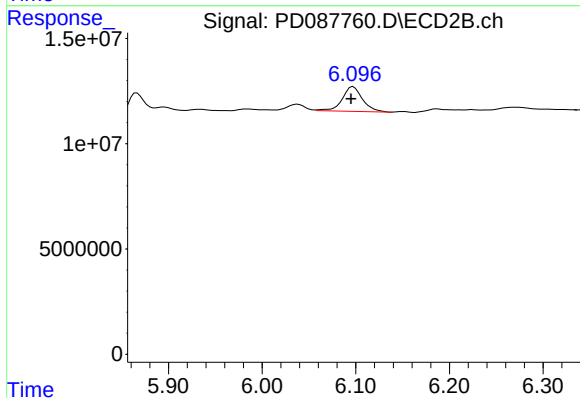
R.T.: 5.197 min
Delta R.T.: 0.002 min
Response: 53677782
Conc: 36.38 ng/ml



#27 Chlordane-5

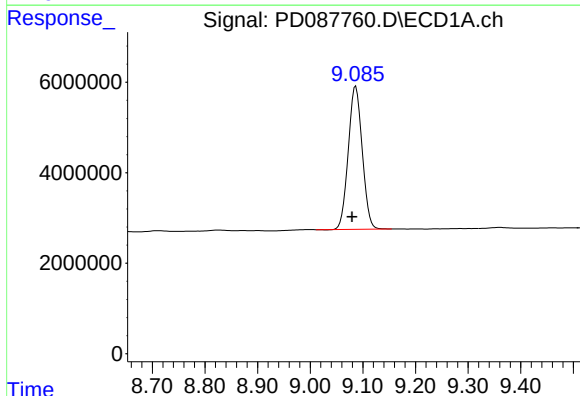
R.T.: 6.880 min
Delta R.T.: 0.004 min
Response: 1977137
Conc: 18.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



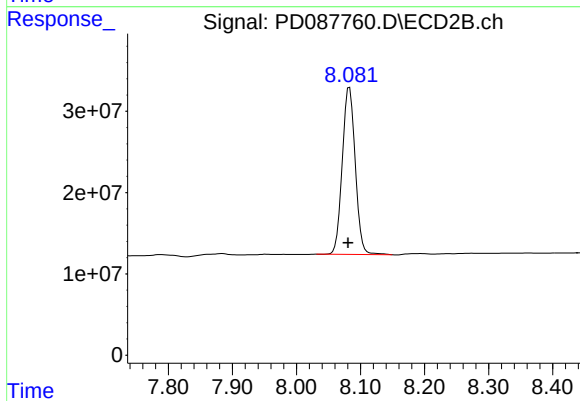
#27 Chlordane-5

R.T.: 6.097 min
Delta R.T.: 0.002 min
Response: 17659058
Conc: 26.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.007 min
Response: 58618920
Conc: 19.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: 0.002 min
Response: 288959504
Conc: 20.45 ng/ml