

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087756.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 13:16
 Operator : AR\AJ
 Sample : Q1168-01
 Misc : PEST LOD 1PPB
 ALS Vial : 9 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 04:23:43 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...	3.555	2.882	37764032	261.2E6	18.955	21.715
28)	SA Decachlor...	9.085	8.082	61109808	295.1E6	20.036	20.882
Target Compounds							
2)	A alpha-BHC	4.005	3.395	3624410	25389230	0.901	1.358 #
3)	MA gamma-BHC...	4.336	3.732	-402969	23533441	N.D.	1.325
4)	MA Heptachlor	4.937	4.087	4220465	23442188	1.132	1.353
5)	MB Aldrin	5.278	4.373	3865866	25840524	1.010	1.479 #
6)	B beta-BHC	4.521	4.029	1830128	11361549	1.159	1.490 #
7)	B delta-BHC	4.770	4.266	5131161	25218902	1.272	1.394
8)	B Heptachlo...	5.698	4.878	3821747	24198911	1.118	1.532 #
9)	A Endosulfan I	6.082	5.253	3421764	26262218	1.086	1.762 #
10)	B gamma-Chl...	5.952	5.132	3427973	28090845	1.037	1.727 #
11)	B alpha-Chl...	6.035	5.196	3645645	27943542	1.094	1.751 #
12)	B 4,4'-DDE	6.203	5.382	2849565	25296863	0.944	1.608 #
13)	MA Dieldrin	6.355	5.519	3450502	21081026	1.022	1.294 #
14)	MA Endrin	6.582	5.795	2611546	37951297	0.901	2.548 #
15)	B Endosulfa...	6.794	6.088	2750246	19549287	0.958	1.369 #
16)	A 4,4'-DDD	6.713	5.937	3499327	19343527	1.454	1.463
17)	MA 4,4'-DDT	7.030	6.191	2042339	11078612	0.793	0.823
18)	B Endrin al...	6.922	6.265	2587467	17245241	1.117	1.479 #
19)	B Endosulfa...	7.156	6.489	2843883	18689709	1.037	1.315 #
20)	A Methoxychlor	7.502	6.763	1386941	7742756	0.945	1.013
21)	B Endrin ke...	7.638	6.999	3138926	20386473	1.021	1.307 #
22)	Mirex	8.123	7.194	2625761	16657635	1.133	1.316
23)	Chlordane-1	0.000	3.899	0	155468	N.D.	0.280 #
24)	Chlordane-2	0.000	4.493	0	677143	N.D.	1.146 #
25)	Chlordane-3	5.952	5.132	3427973	28090845	6.819	16.094 #
26)	Chlordane-4	6.035	5.196	3645645	27943542	5.998	18.939 #
27)	Chlordane-5	0.000	6.088	0	19549287	N.D.	29.859 #

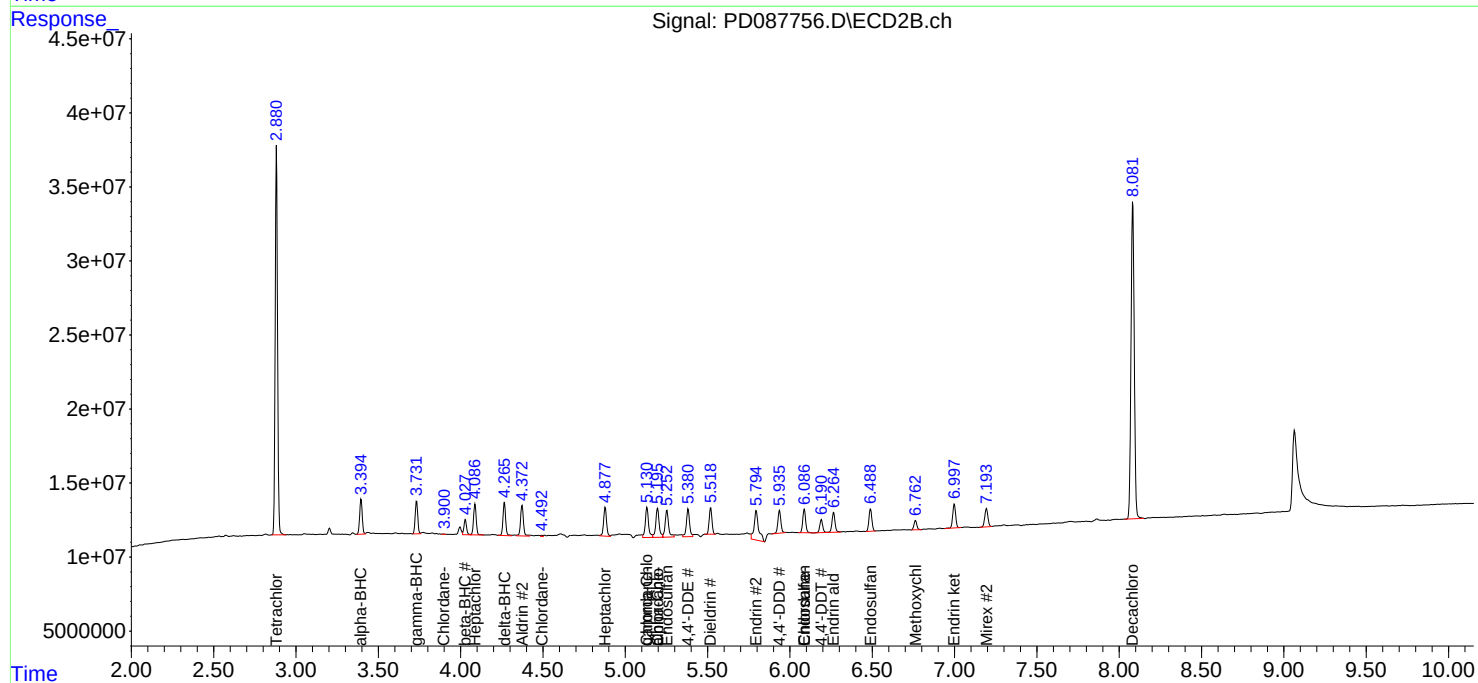
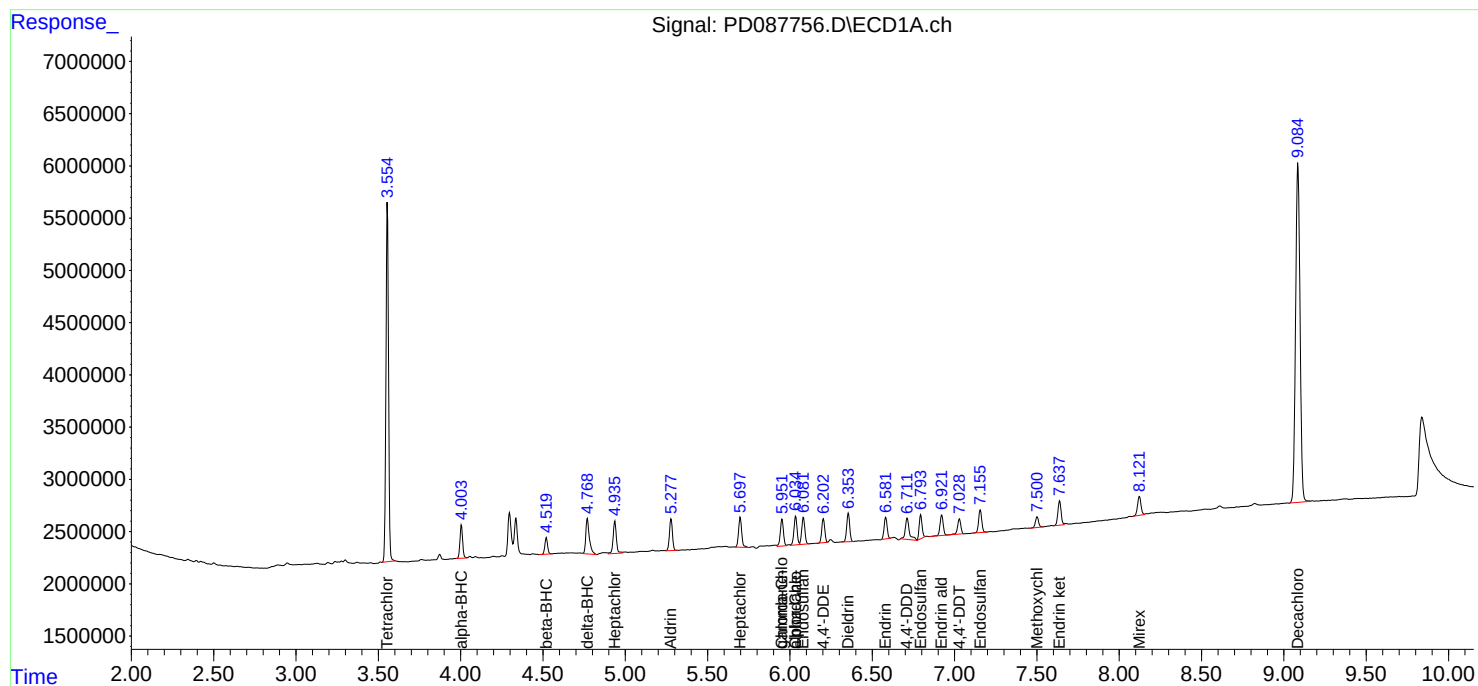
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

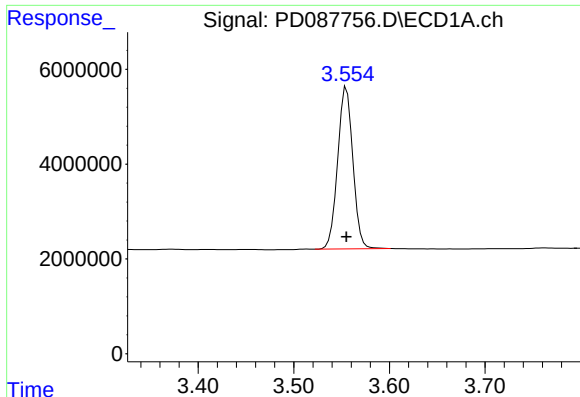
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087756.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 13:16
Operator : AR\AJ
Sample : Q1168-01
Misc : PEST LOD 1PPB
ALS Vial : 9 Sample Multiplier: 1

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 04:23:43 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

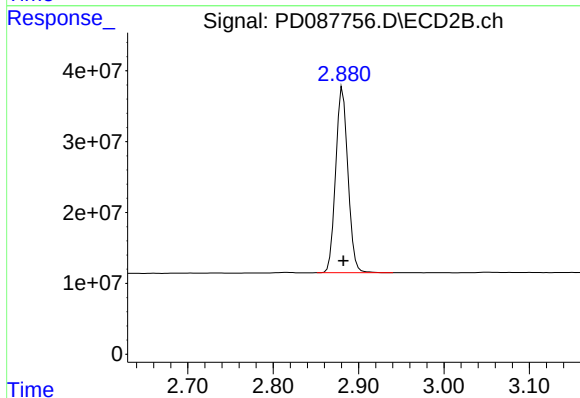




#1 Tetrachloro-m-xylene

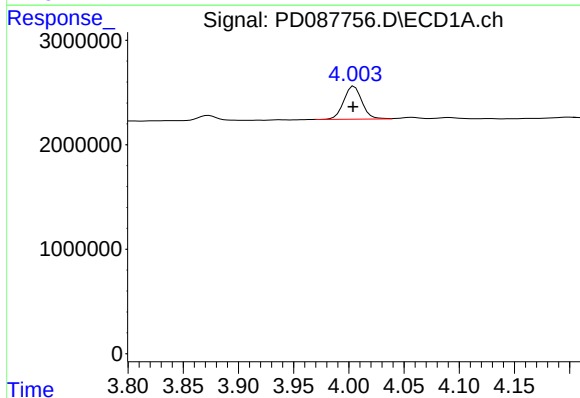
R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 37764032
Conc: 18.95 ng/ml

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



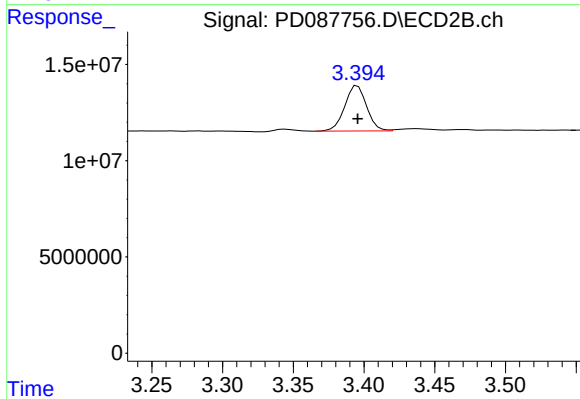
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 261166739
Conc: 21.72 ng/ml



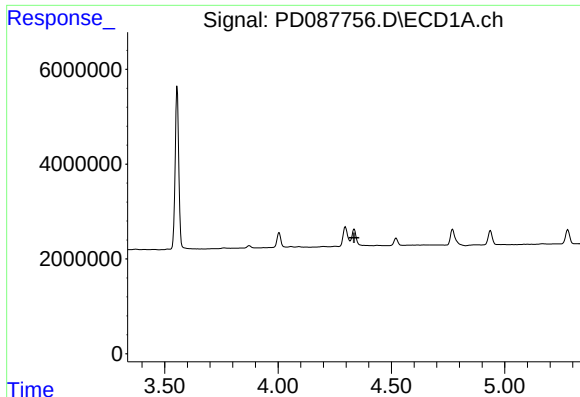
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 3624410
Conc: 0.90 ng/ml



#2 alpha-BHC

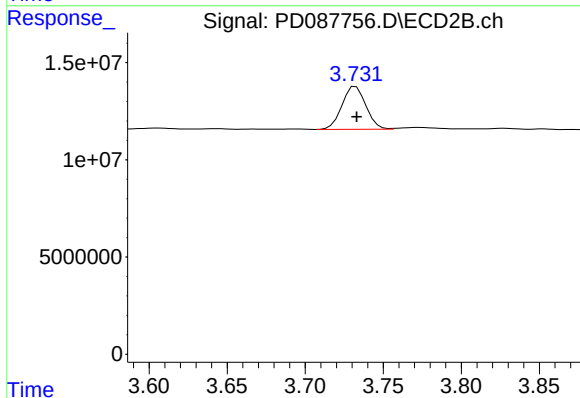
R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 25389230
Conc: 1.36 ng/ml



#3 gamma-BHC (Lindane)

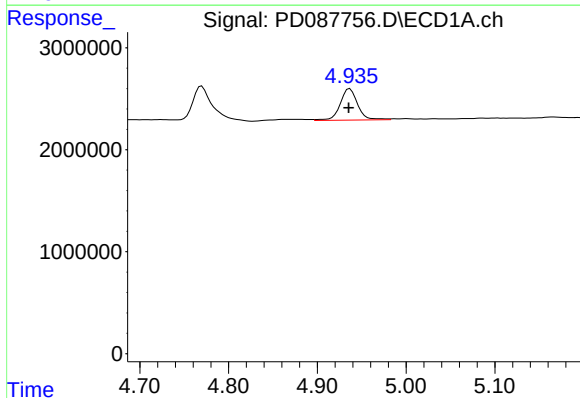
R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: -402969
Conc: N.D.

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



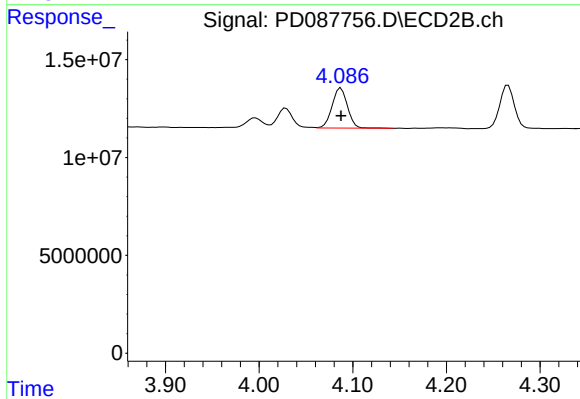
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 23533441
Conc: 1.33 ng/ml



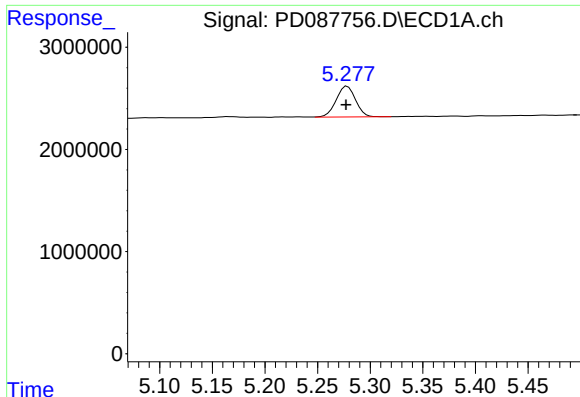
#4 Heptachlor

R.T.: 4.937 min
Delta R.T.: 0.002 min
Response: 4220465
Conc: 1.13 ng/ml



#4 Heptachlor

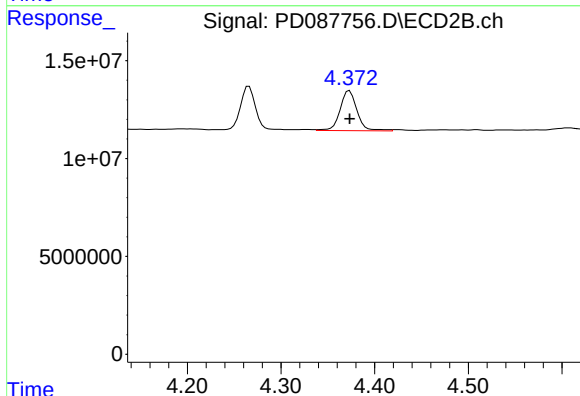
R.T.: 4.087 min
Delta R.T.: 0.000 min
Response: 23442188
Conc: 1.35 ng/ml



#5 Aldrin

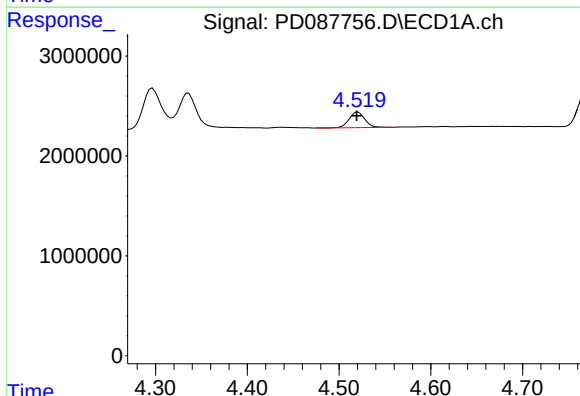
R.T.: 5.278 min
Delta R.T.: 0.001 min
Response: 3865866
Conc: 1.01 ng/ml

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



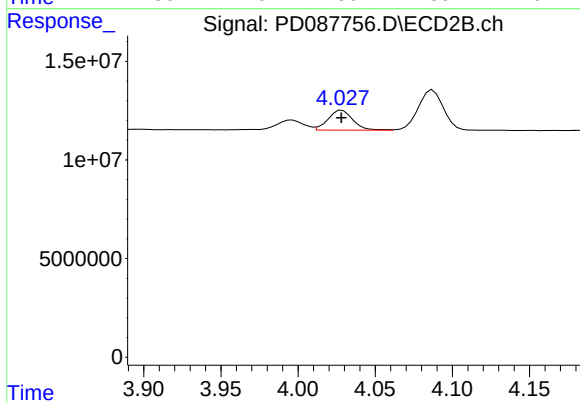
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 25840524
Conc: 1.48 ng/ml



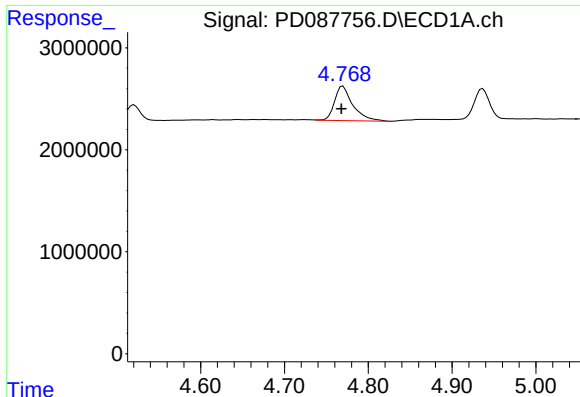
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.002 min
Response: 1830128
Conc: 1.16 ng/ml



#6 beta-BHC

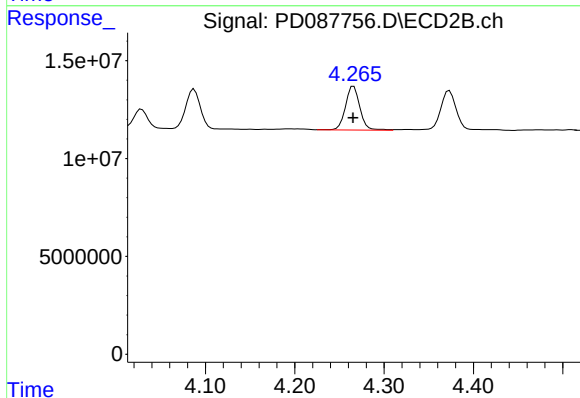
R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 11361549
Conc: 1.49 ng/ml



#7 delta-BHC

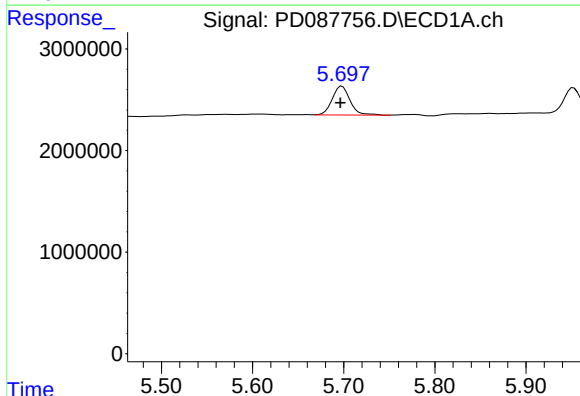
R.T.: 4.770 min
Delta R.T.: 0.002 min
Response: 5131161
Conc: 1.27 ng/ml

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



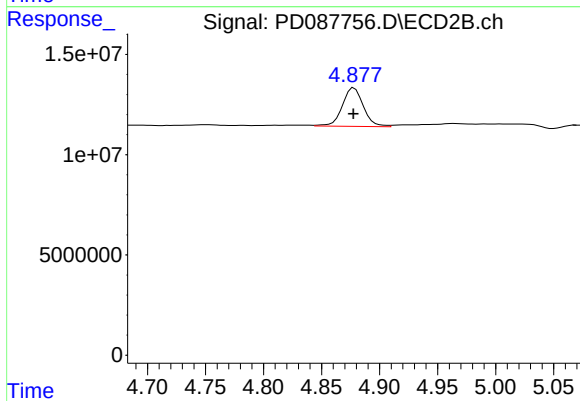
#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: 0.000 min
Response: 25218902
Conc: 1.39 ng/ml



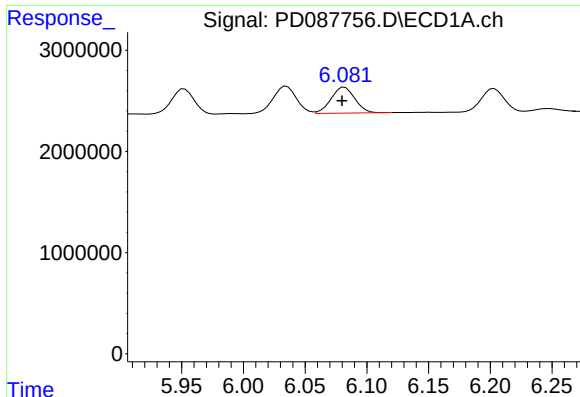
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.002 min
Response: 3821747
Conc: 1.12 ng/ml



#8 Heptachlor epoxide

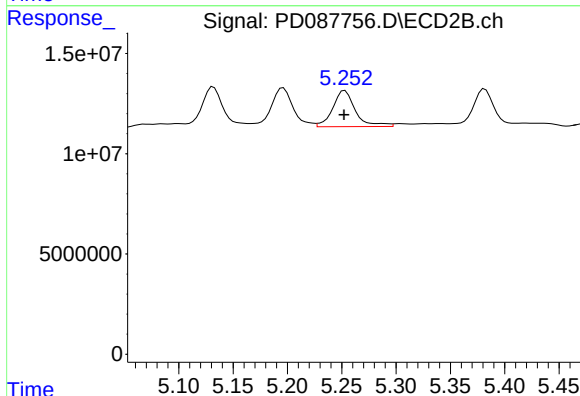
R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 24198911
Conc: 1.53 ng/ml



#9 Endosulfan I

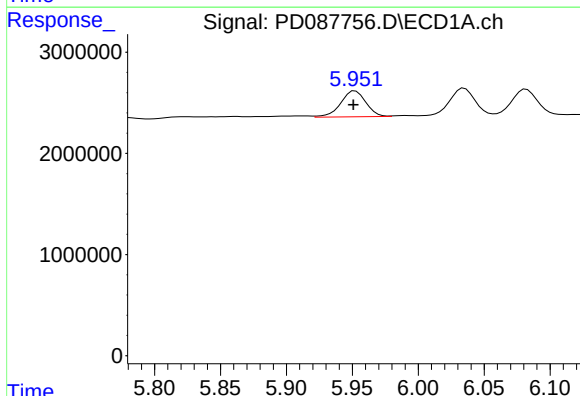
R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 3421764
Conc: 1.09 ng/ml

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



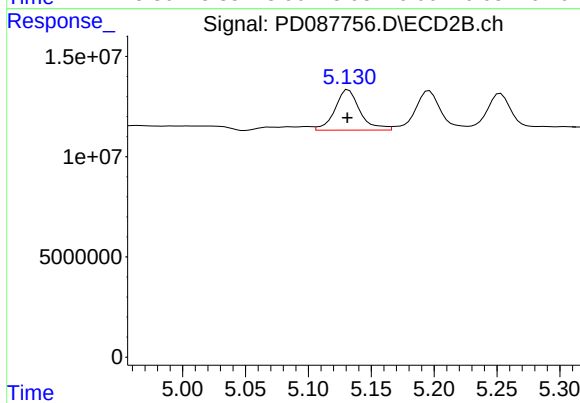
#9 Endosulfan I

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 26262218
Conc: 1.76 ng/ml



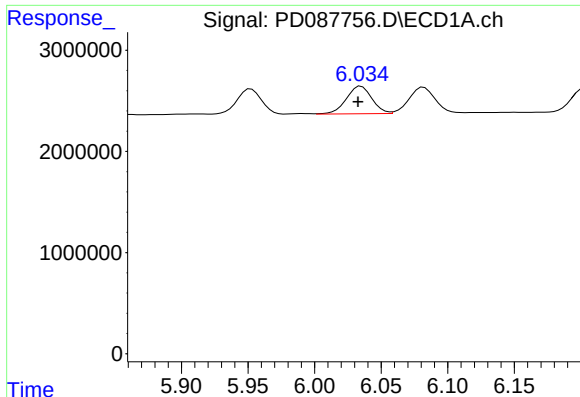
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.001 min
Response: 3427973
Conc: 1.04 ng/ml



#10 gamma-Chlordane

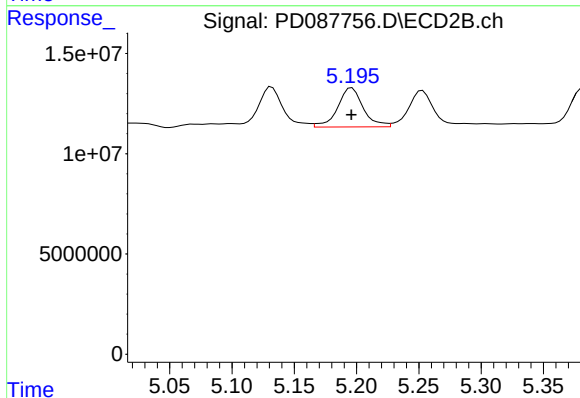
R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 28090845
Conc: 1.73 ng/ml



#11 alpha-Chlordane

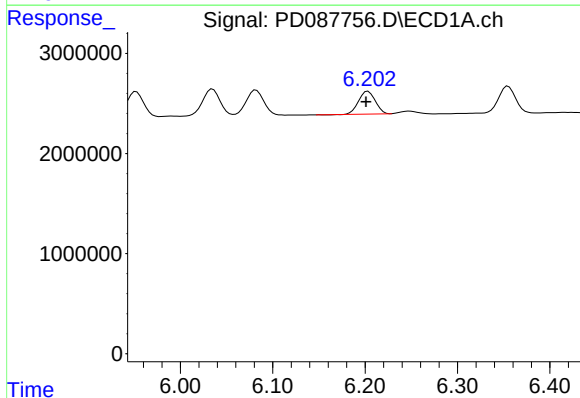
R.T.: 6.035 min
Delta R.T.: 0.002 min
Response: 3645645
Conc: 1.09 ng/ml

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



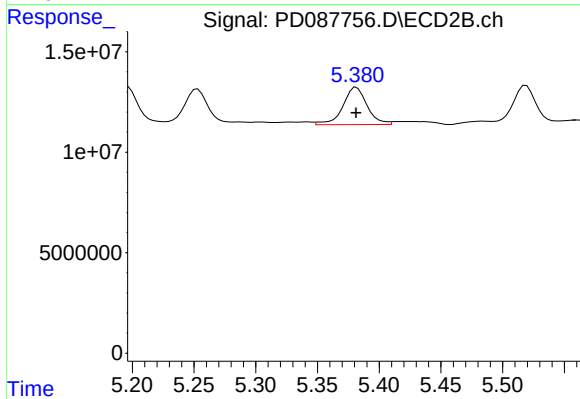
#11 alpha-Chlordane

R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 27943542
Conc: 1.75 ng/ml



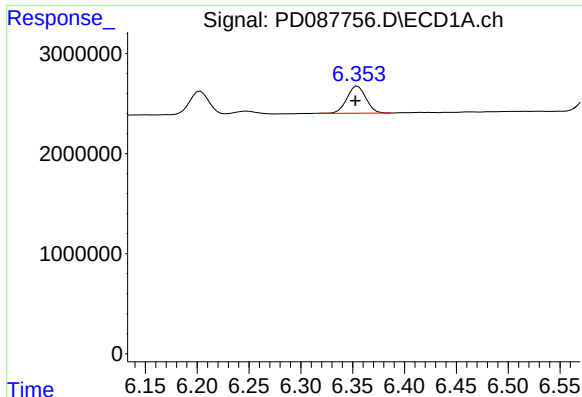
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.002 min
Response: 2849565
Conc: 0.94 ng/ml



#12 4,4'-DDE

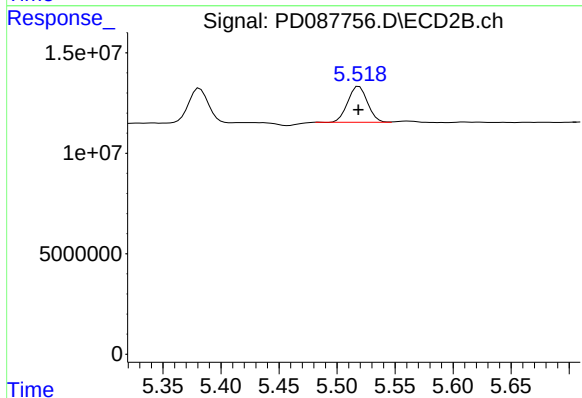
R.T.: 5.382 min
Delta R.T.: 0.000 min
Response: 25296863
Conc: 1.61 ng/ml



#13 Dieldrin

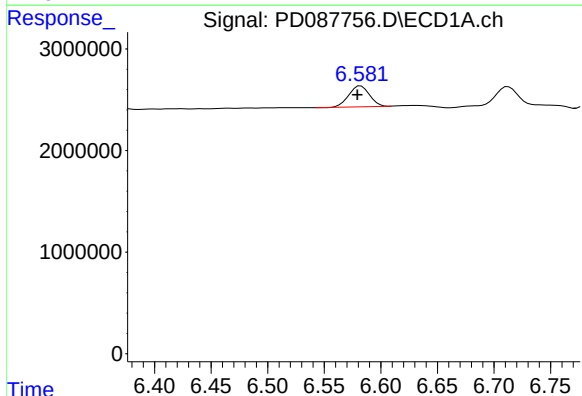
R.T.: 6.355 min
Delta R.T.: 0.002 min
Response: 3450502
Conc: 1.02 ng/ml

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



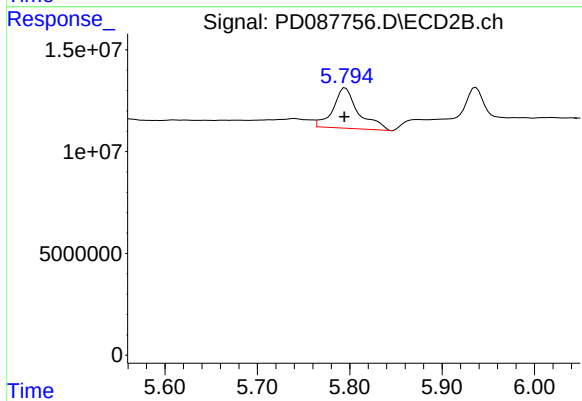
#13 Dieldrin

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 21081026
Conc: 1.29 ng/ml



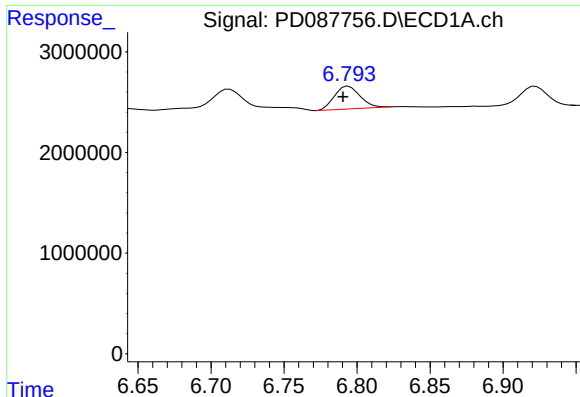
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.003 min
Response: 2611546
Conc: 0.90 ng/ml



#14 Endrin

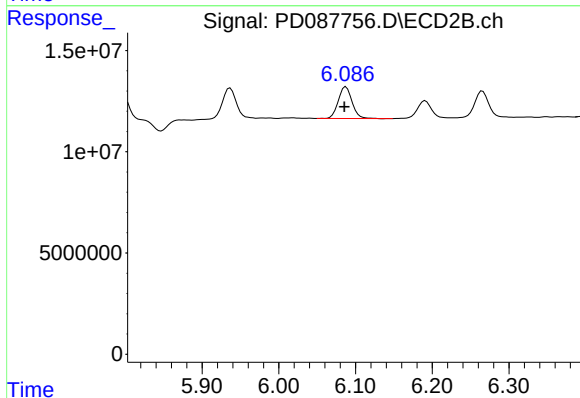
R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 37951297
Conc: 2.55 ng/ml



#15 Endosulfan II

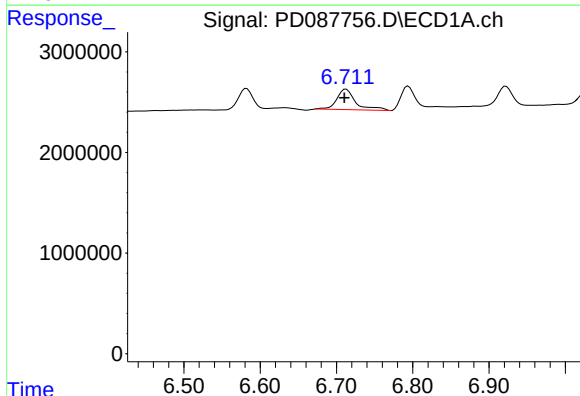
R.T.: 6.794 min
Delta R.T.: 0.004 min
Response: 2750246
Conc: 0.96 ng/ml

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



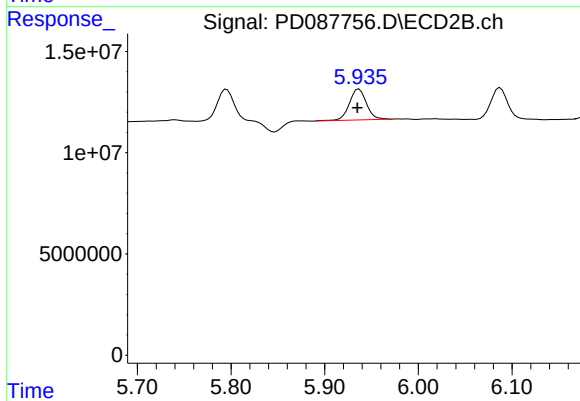
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.002 min
Response: 19549287
Conc: 1.37 ng/ml



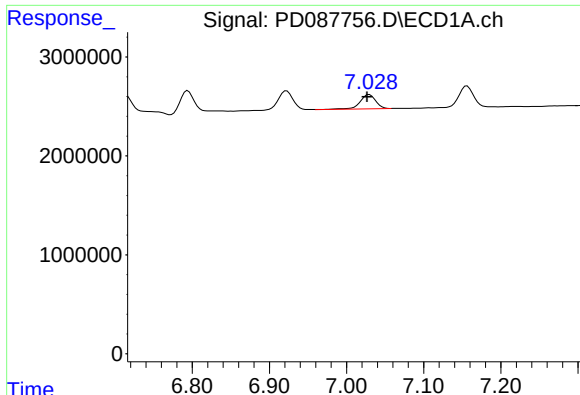
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.002 min
Response: 3499327
Conc: 1.45 ng/ml



#16 4,4'-DDD

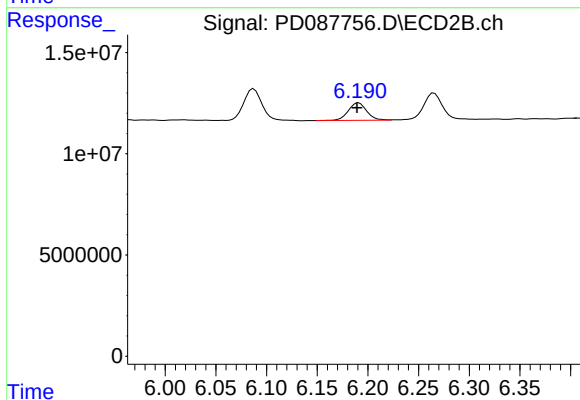
R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 19343527
Conc: 1.46 ng/ml



#17 4,4'-DDT

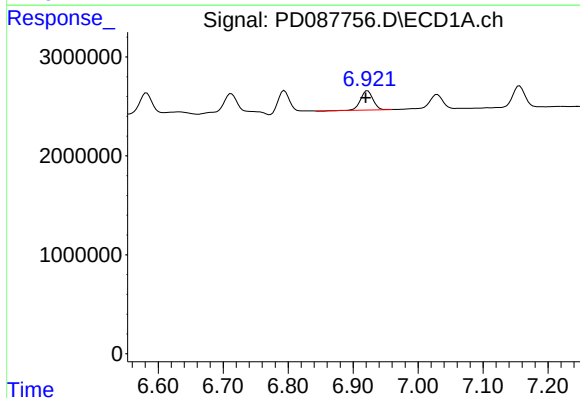
R.T.: 7.030 min
Delta R.T.: 0.003 min
Response: 2042339
Conc: 0.79 ng/ml

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



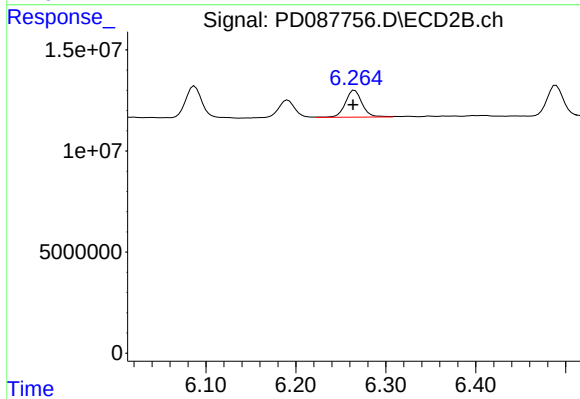
#17 4,4'-DDT

R.T.: 6.191 min
Delta R.T.: 0.002 min
Response: 11078612
Conc: 0.82 ng/ml



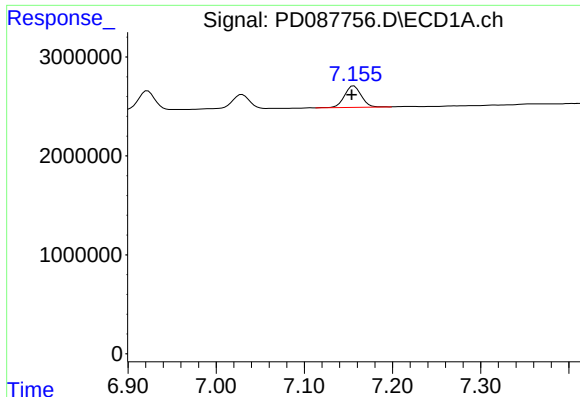
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.003 min
Response: 2587467
Conc: 1.12 ng/ml



#18 Endrin aldehyde

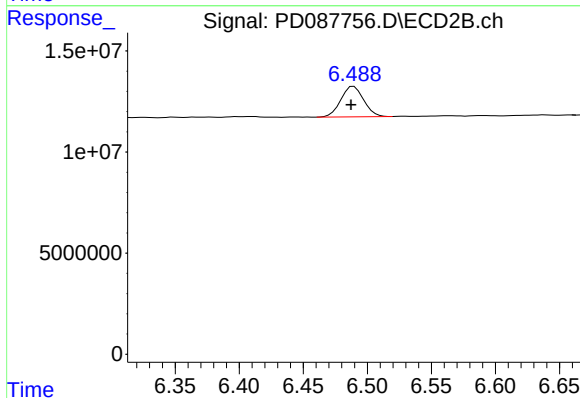
R.T.: 6.265 min
Delta R.T.: 0.002 min
Response: 17245241
Conc: 1.48 ng/ml



#19 Endosulfan Sulfate

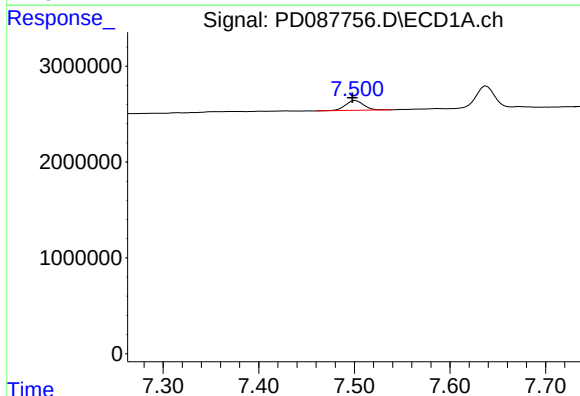
R.T.: 7.156 min
Delta R.T.: 0.003 min
Response: 2843883
Conc: 1.04 ng/ml

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



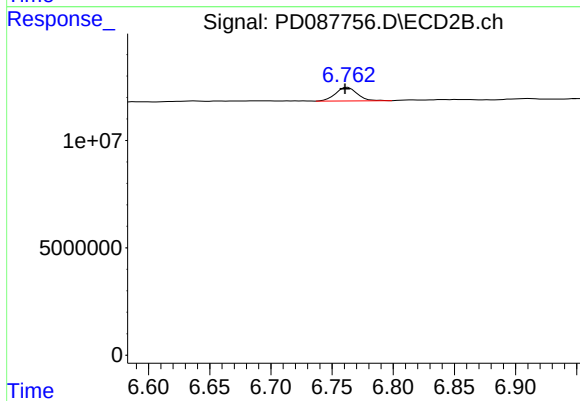
#19 Endosulfan Sulfate

R.T.: 6.489 min
Delta R.T.: 0.002 min
Response: 18689709
Conc: 1.31 ng/ml



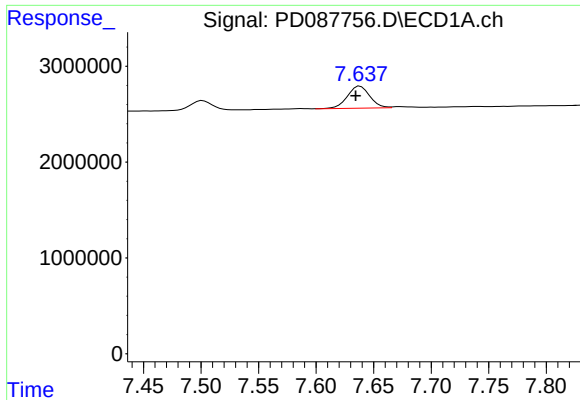
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 1386941
Conc: 0.94 ng/ml



#20 Methoxychlor

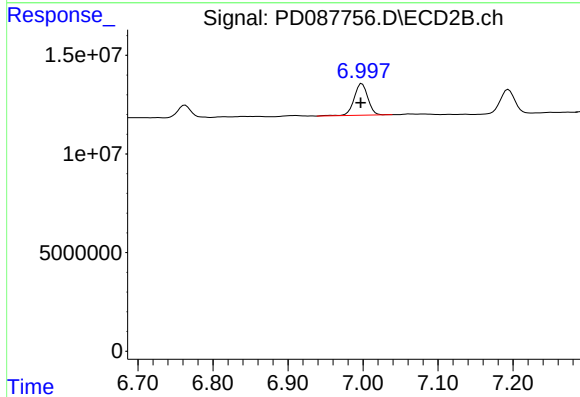
R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 7742756
Conc: 1.01 ng/ml



#21 Endrin ketone

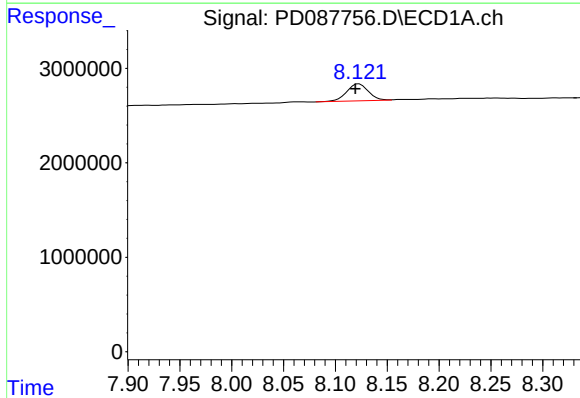
R.T.: 7.638 min
Delta R.T.: 0.004 min
Response: 3138926
Conc: 1.02 ng/ml

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



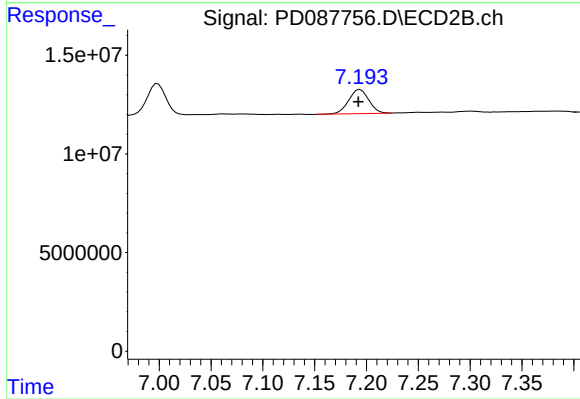
#21 Endrin ketone

R.T.: 6.999 min
Delta R.T.: 0.002 min
Response: 20386473
Conc: 1.31 ng/ml



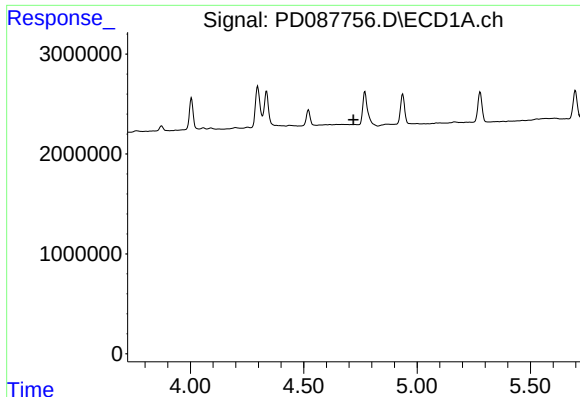
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.004 min
Response: 2625761
Conc: 1.13 ng/ml



#22 Mirex

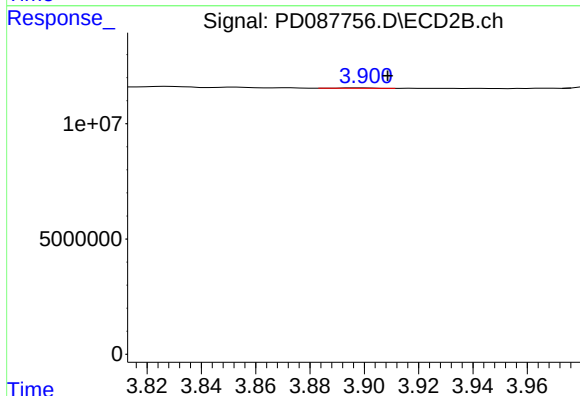
R.T.: 7.194 min
Delta R.T.: 0.002 min
Response: 16657635
Conc: 1.32 ng/ml



#23 Chlordane-1

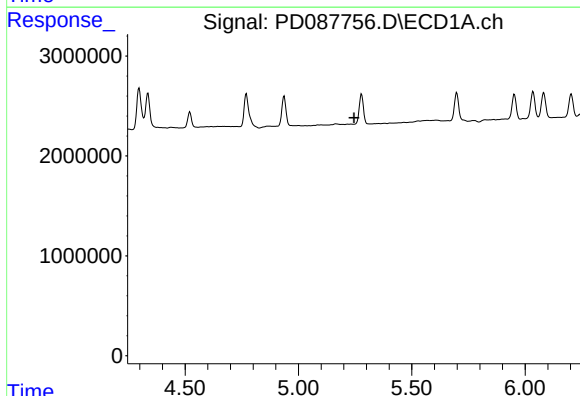
R.T.: 0.000 min
Exp R.T.: 4.720 min
Response: 0
Conc: N.D.

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



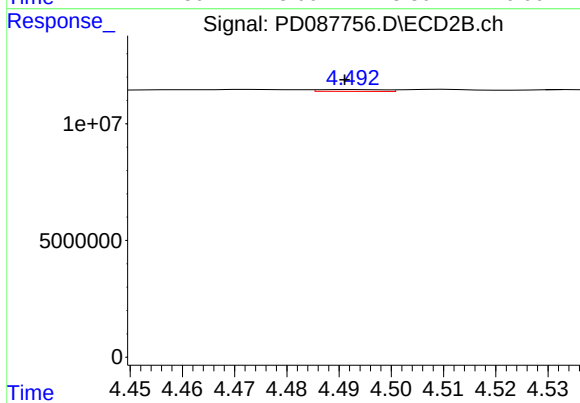
#23 Chlordane-1

R.T.: 3.899 min
Delta R.T.: -0.010 min
Response: 155468
Conc: 0.28 ng/ml



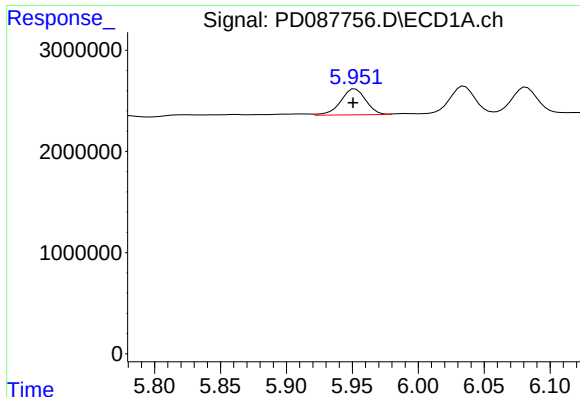
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.245 min
Response: 0
Conc: N.D.



#24 Chlordane-2

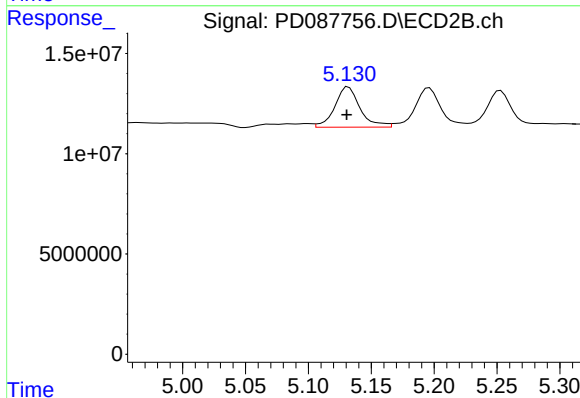
R.T.: 4.493 min
Delta R.T.: 0.002 min
Response: 677143
Conc: 1.15 ng/ml



#25 Chlordane-3

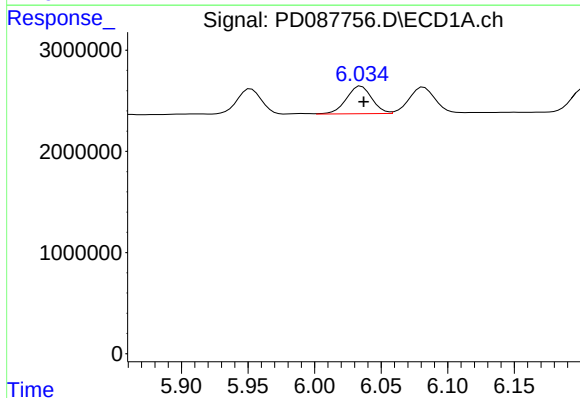
R.T.: 5.952 min
Delta R.T.: 0.002 min
Response: 3427973
Conc: 6.82 ng/ml

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



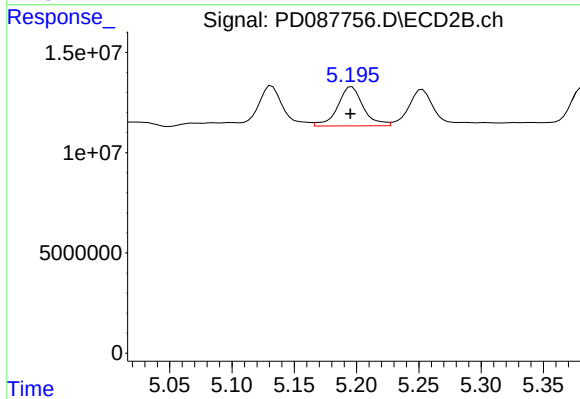
#25 Chlordane-3

R.T.: 5.132 min
Delta R.T.: 0.001 min
Response: 28090845
Conc: 16.09 ng/ml



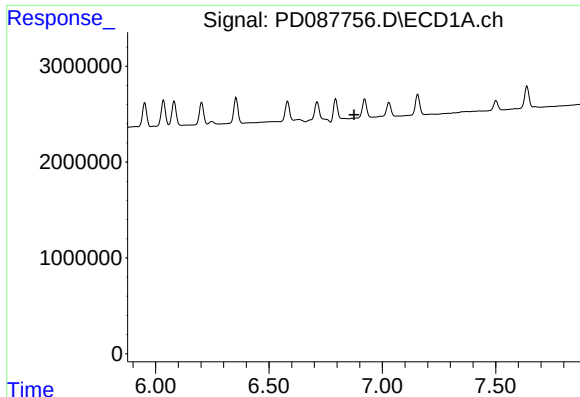
#26 Chlordane-4

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 3645645
Conc: 6.00 ng/ml



#26 Chlordane-4

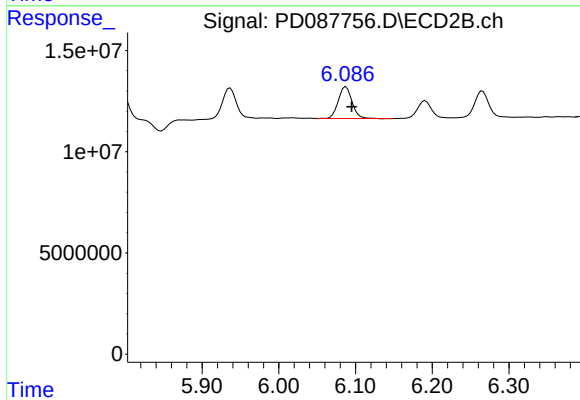
R.T.: 5.196 min
Delta R.T.: 0.001 min
Response: 27943542
Conc: 18.94 ng/ml



#27 Chlordane-5

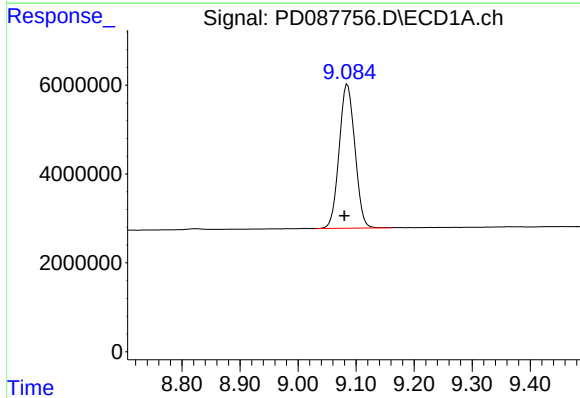
R.T.: 0.000 min
Exp R.T.: 6.876 min
Response: 0
Conc: N.D.

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



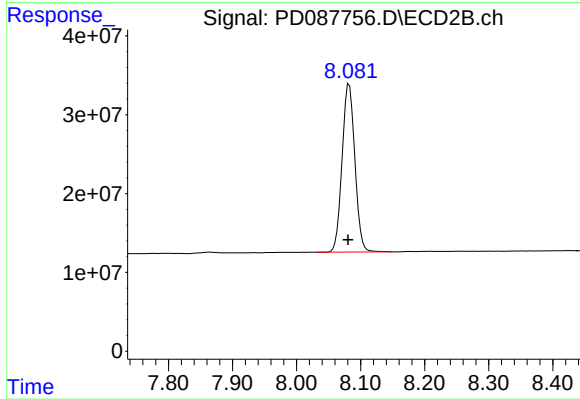
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.008 min
Response: 19549287
Conc: 29.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.005 min
Response: 61109808
Conc: 20.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: 0.002 min
Response: 295103562
Conc: 20.88 ng/ml