

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012424\
 Data File : PD080857.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2024 21:45
 Operator : AR\AJ
 Sample : P1187-01
 Misc : PEST LOD 1PPB
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 00:57:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 24 20:16:38 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...	3.566	2.796	29870087	54368138	21.042	22.728
2)	SA Decachlor...	9.110	7.933	48530062	64493736	24.115	24.213
Target Compounds							
2)	A alpha-BHC	4.023	3.297	2332437	4051515	0.939	1.056
3)	MA gamma-BHC...	4.356	3.627	2329486	4137907	0.952	1.107
4)	MA Heptachlor	4.949	3.968	3020635	3921622	1.225	1.137
5)	MB Aldrin	5.292	4.248	2636615	4007081	1.074	1.100
6)	B beta-BHC	4.551	3.922	1199706	1791831	1.186	1.147
7)	B delta-BHC	4.799	4.152	2646991	3919389	1.055	1.044
8)	B Heptachlo...	5.718	4.749	2786311	3734306	1.244	1.115
9)	A Endosulfan I	6.105	5.119	2555332	3865532	1.232	1.262
10)	B gamma-Chl...	5.974	4.999	2666203	4044134	1.218	1.236
11)	B alpha-Chl...	6.054	5.064	2694529	4059383	1.237	1.242
12)	B 4,4'-DDE	6.225	5.252	2375800	3353966	1.168	1.095
13)	MA Dieldrin	6.381	5.383	2661428	3816671	1.204	1.122
14)	MA Endrin	6.611	5.659	2207794	3517270	1.182	1.187
15)	B Endosulfa...	6.829	5.951	2996270	3563939	1.547	1.239
16)	A 4,4'-DDD	6.742	5.805	1902320	3111820	1.158	1.185
17)	MA 4,4'-DDT	7.057	6.057	1990029	2601115	1.117	0.980
18)	B Endrin al...	6.958	6.131	1984626	3037587	1.305	1.347
19)	B Endosulfa...	7.193	6.353	2621483	3543480	1.381	1.270
20)	A Methoxychlor	7.531	6.631	1325926	1827629	1.288	1.168
21)	B Endrin ke...	7.679	6.859	2749229	3760632	1.315	1.165
22)	Mirex	8.155	7.042	2647209	3360582	1.605	1.334
24)	Chlordane-2	5.292f	0.000	2636615	0	31.850	N.D. #
25)	Chlordane-3	5.974	4.999	2666203	4044134	8.443	12.050 #
26)	Chlordane-4	6.054	5.064	2694529	4059383	7.077	12.778 #
27)	Chlordane-5	0.000	5.951	0	3563939	N.D.	29.395 #

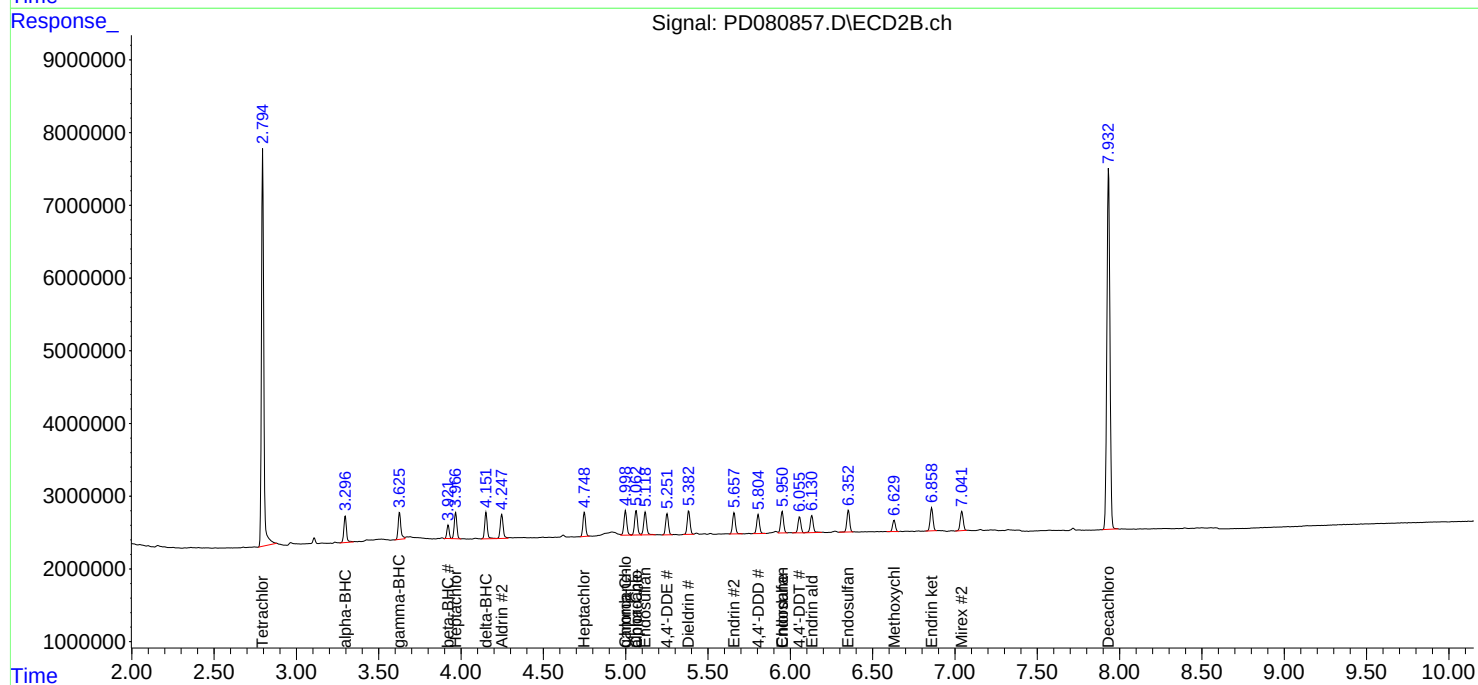
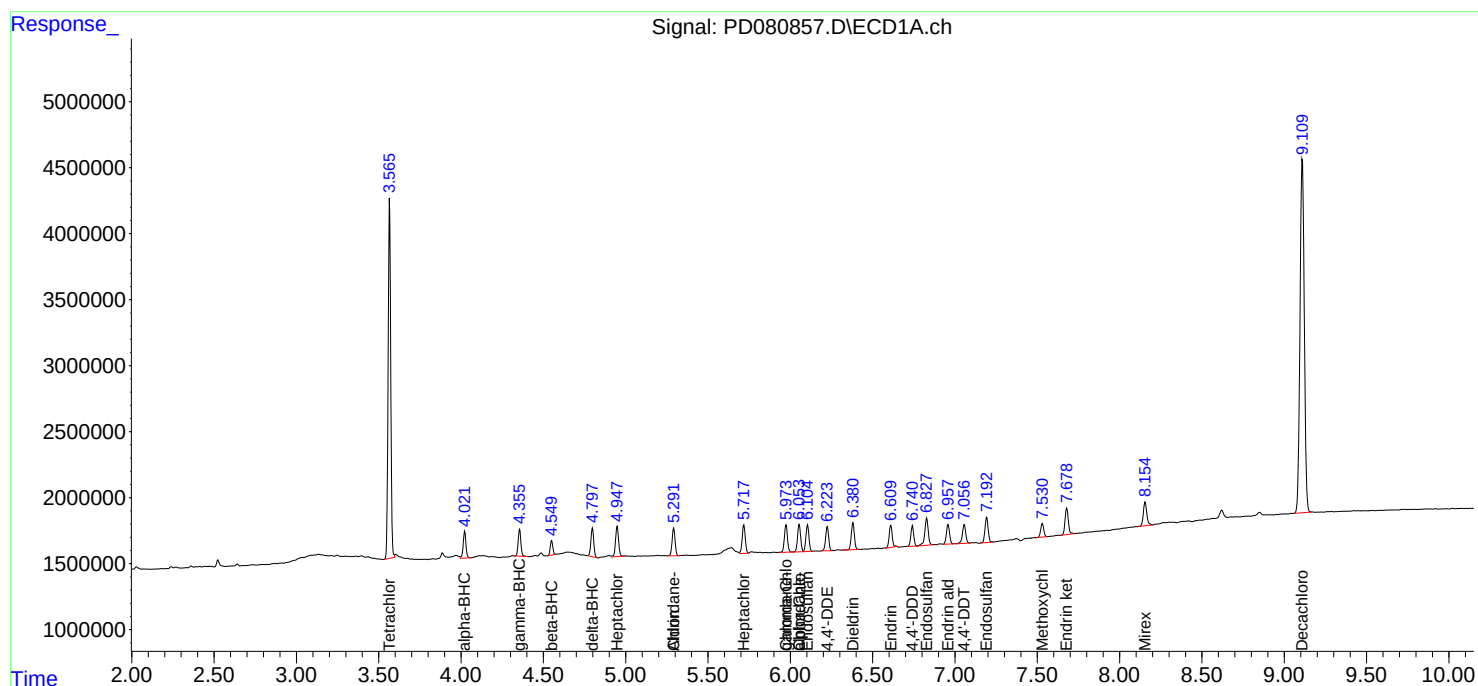
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

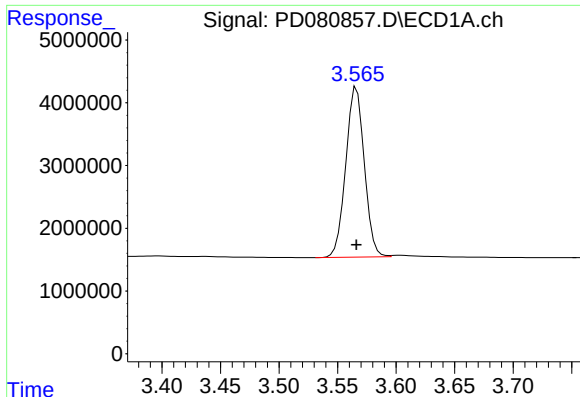
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012424\
Data File : PD080857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2024 21:45
Operator : AR\AJ
Sample : P1187-01
Misc : PEST LOD 1PPB
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 00:57:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Wed Jan 24 20:16:38 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

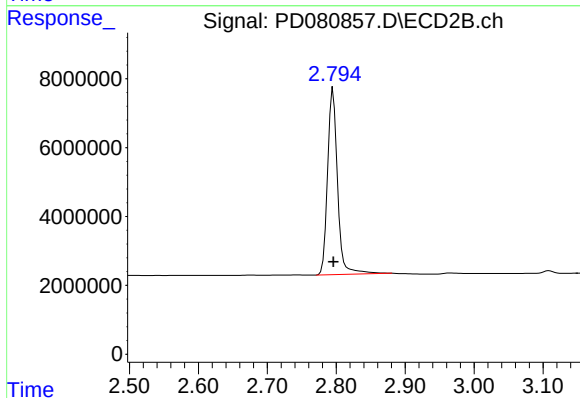




#1 Tetrachloro-m-xylene

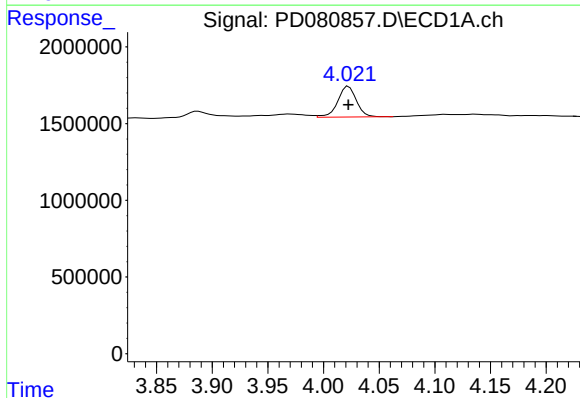
R.T.: 3.566 min
Delta R.T.: 0.000 min
Response: 29870087
Conc: 21.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



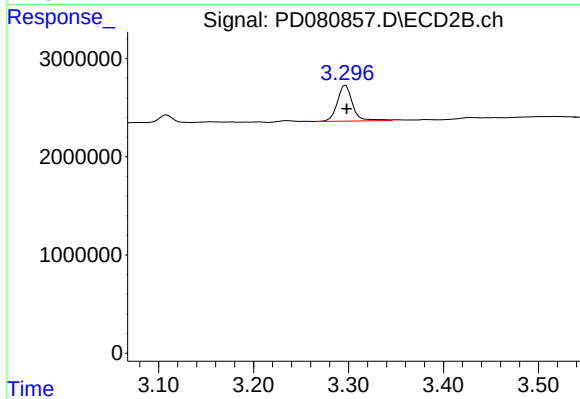
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 54368138
Conc: 22.73 ng/ml



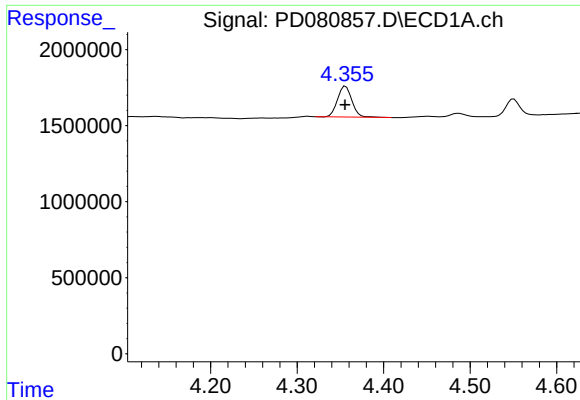
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: 0.000 min
Response: 2332437
Conc: 0.94 ng/ml



#2 alpha-BHC

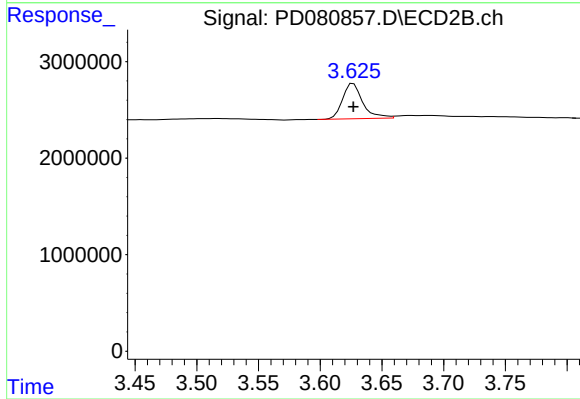
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 4051515
Conc: 1.06 ng/ml



#3 gamma-BHC (Lindane)

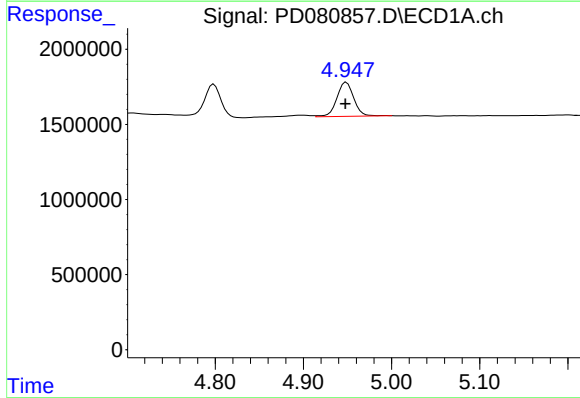
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 2329486
Conc: 0.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



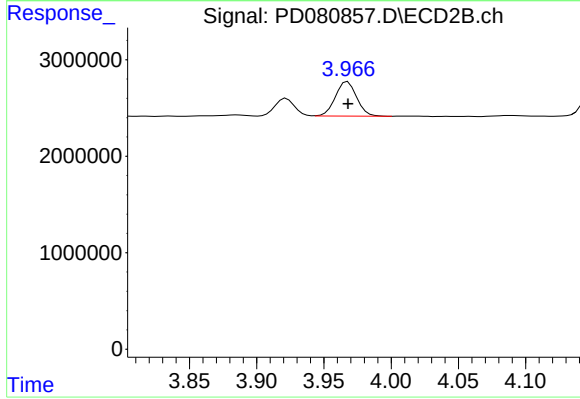
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 4137907
Conc: 1.11 ng/ml



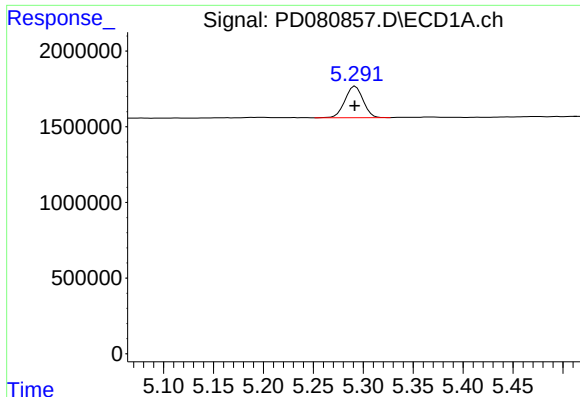
#4 Heptachlor

R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 3020635
Conc: 1.22 ng/ml



#4 Heptachlor

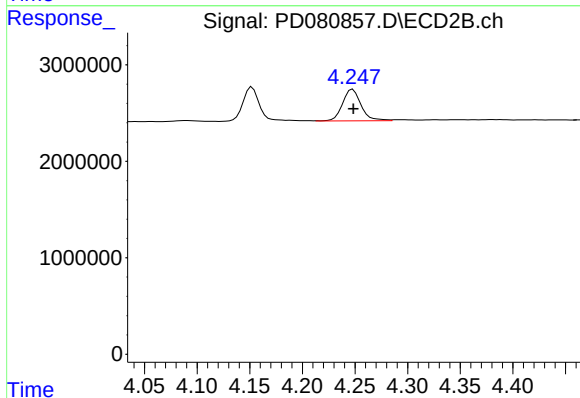
R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 3921622
Conc: 1.14 ng/ml



#5 Aldrin

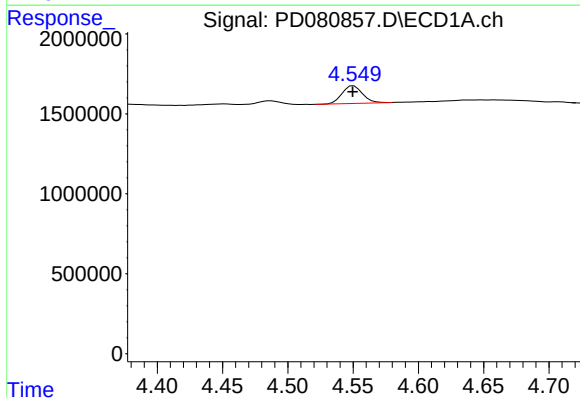
R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 2636615
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



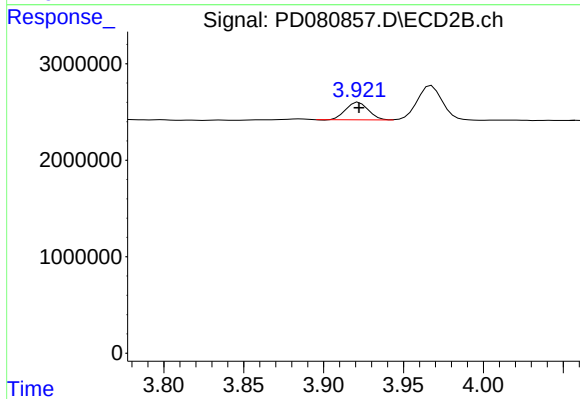
#5 Aldrin

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 4007081
Conc: 1.10 ng/ml



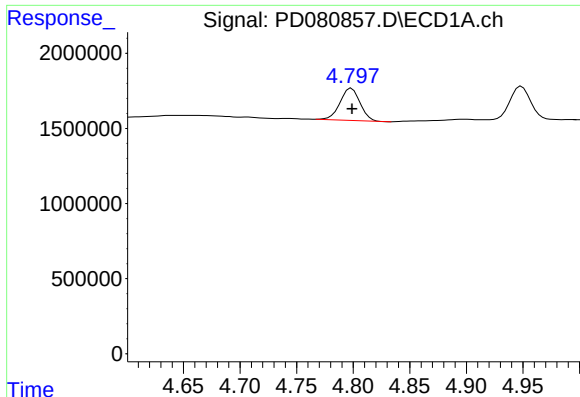
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 1199706
Conc: 1.19 ng/ml



#6 beta-BHC

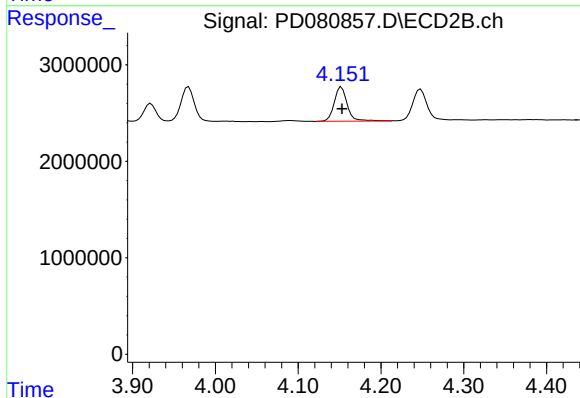
R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 1791831
Conc: 1.15 ng/ml



#7 delta-BHC

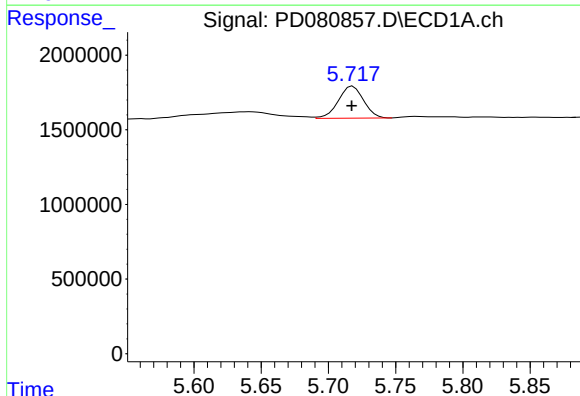
R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 2646991
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



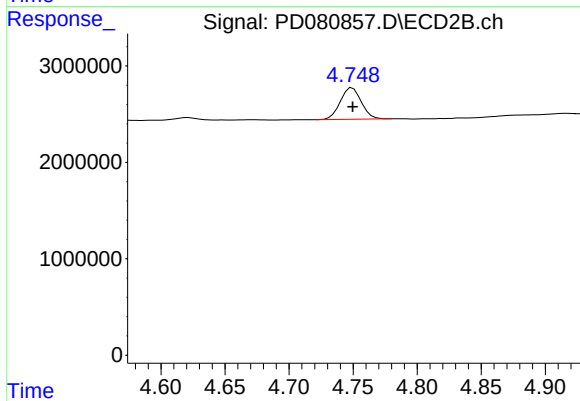
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 3919389
Conc: 1.04 ng/ml



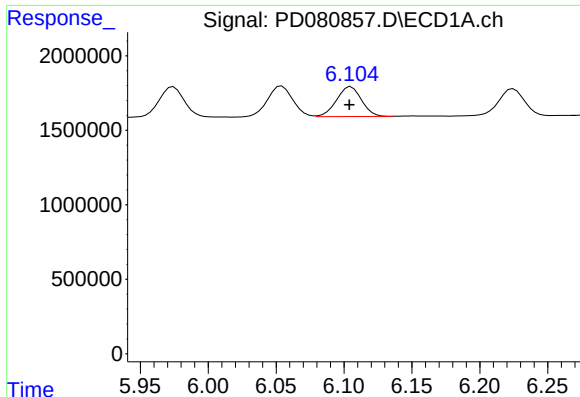
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 2786311
Conc: 1.24 ng/ml



#8 Heptachlor epoxide

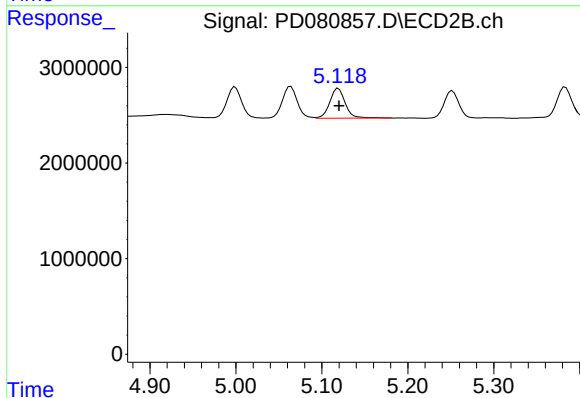
R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 3734306
Conc: 1.11 ng/ml



#9 Endosulfan I

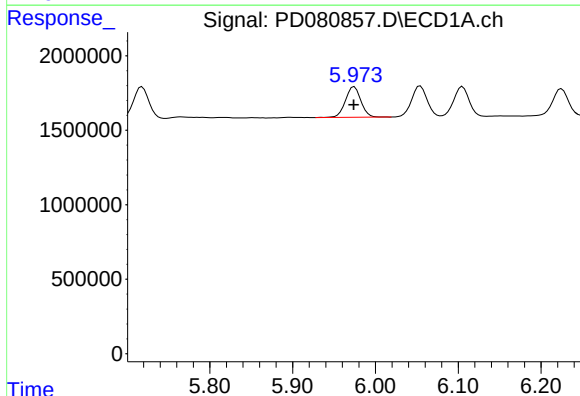
R.T.: 6.105 min
Delta R.T.: 0.001 min
Response: 2555332
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



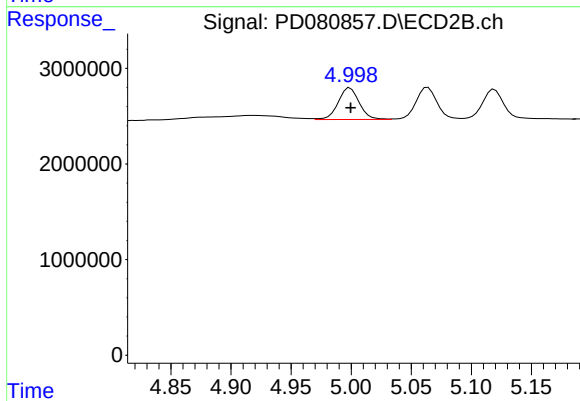
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 3865532
Conc: 1.26 ng/ml



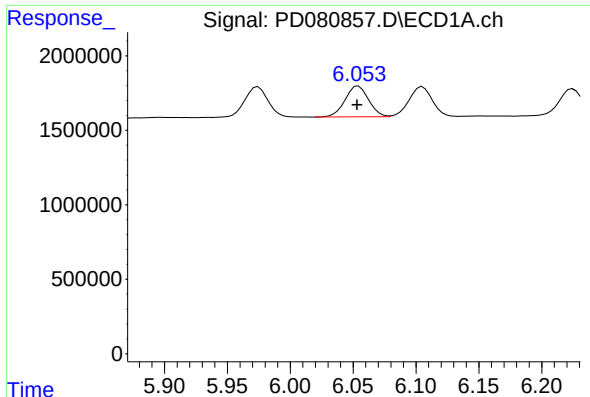
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 2666203
Conc: 1.22 ng/ml



#10 gamma-Chlordane

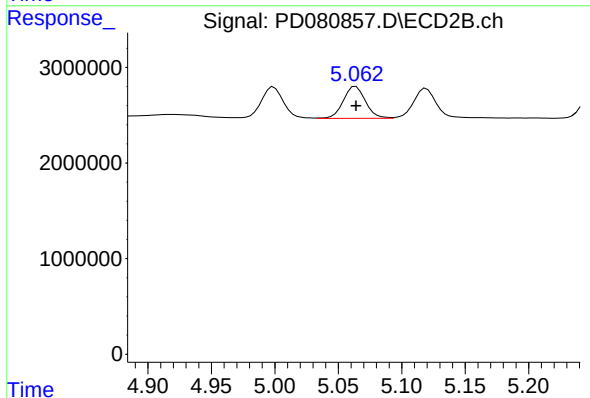
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 4044134
Conc: 1.24 ng/ml



#11 alpha-Chlordane

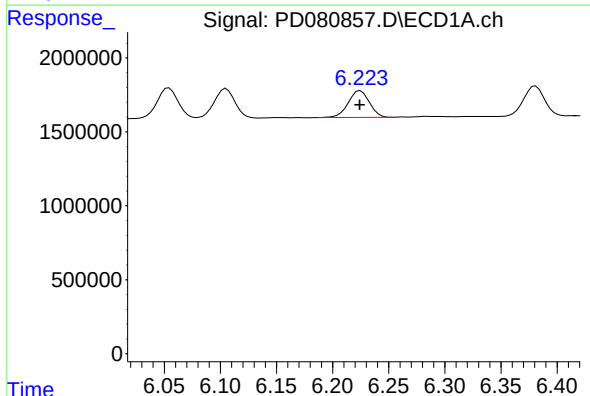
R.T.: 6.054 min
Delta R.T.: 0.001 min
Response: 2694529
Conc: 1.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



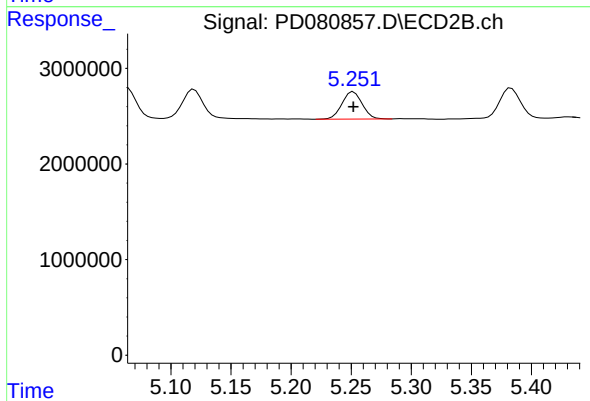
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 4059383
Conc: 1.24 ng/ml



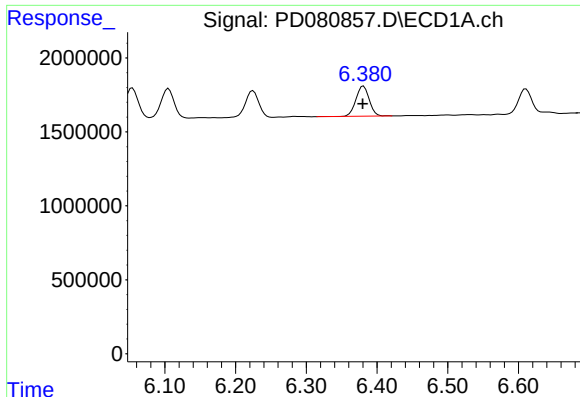
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 2375800
Conc: 1.17 ng/ml



#12 4,4'-DDE

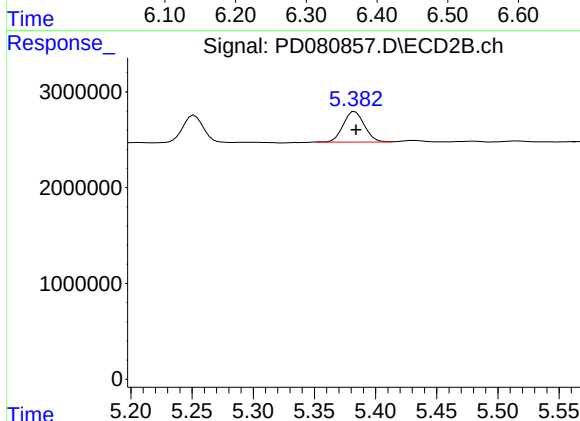
R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 3353966
Conc: 1.09 ng/ml



#13 Dieldrin

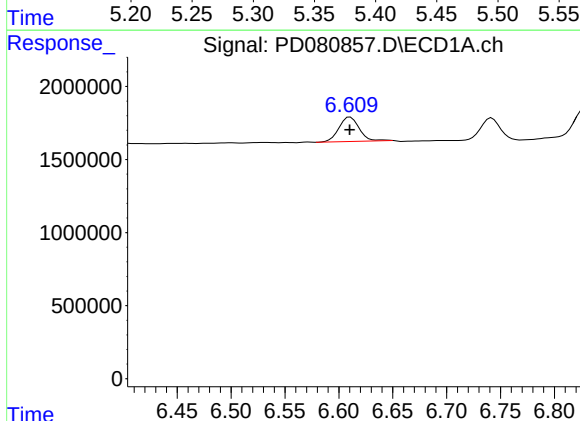
R.T.: 6.381 min
Delta R.T.: 0.000 min
Response: 2661428
Conc: 1.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



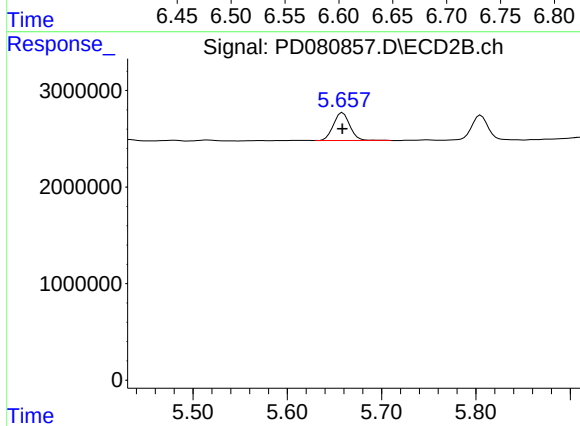
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 3816671
Conc: 1.12 ng/ml



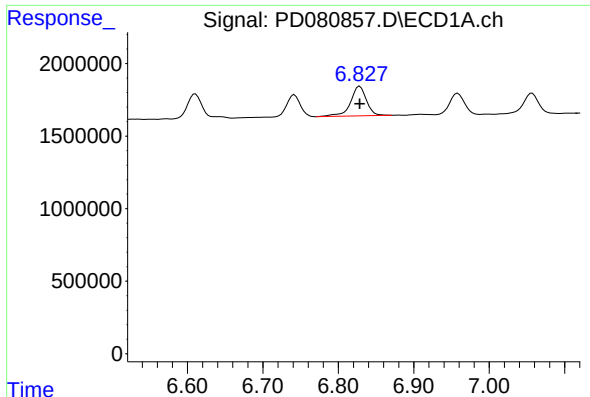
#14 Endrin

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 2207794
Conc: 1.18 ng/ml



#14 Endrin

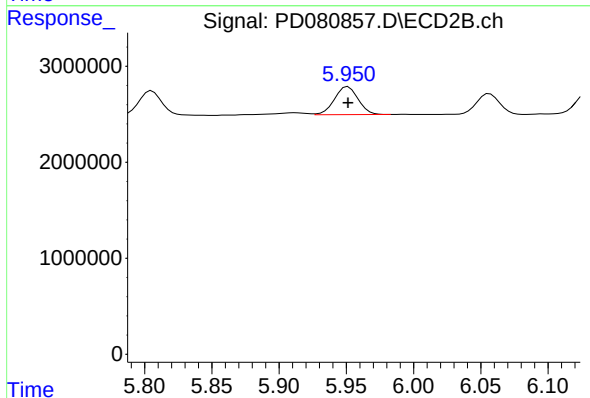
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 3517270
Conc: 1.19 ng/ml



#15 Endosulfan II

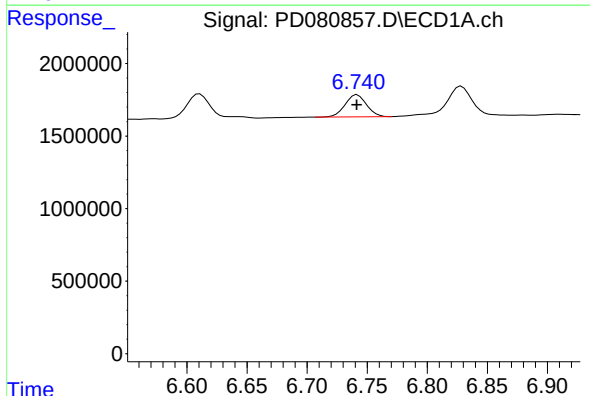
R.T.: 6.829 min
Delta R.T.: 0.000 min
Response: 2996270
Conc: 1.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



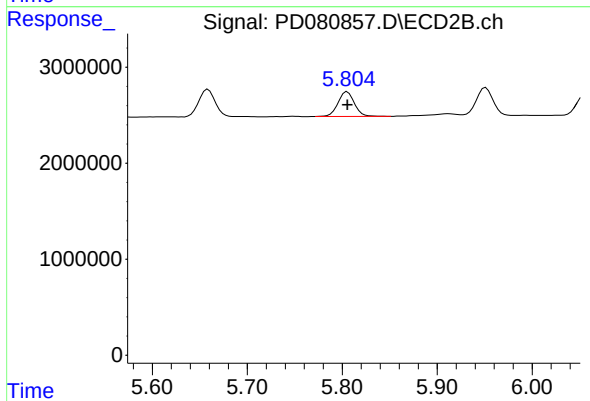
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 3563939
Conc: 1.24 ng/ml



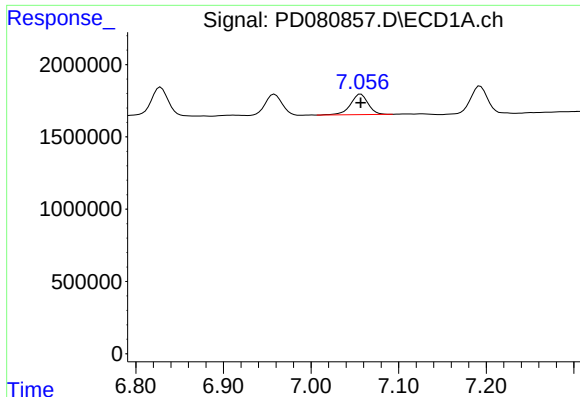
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 1902320
Conc: 1.16 ng/ml



#16 4,4'-DDD

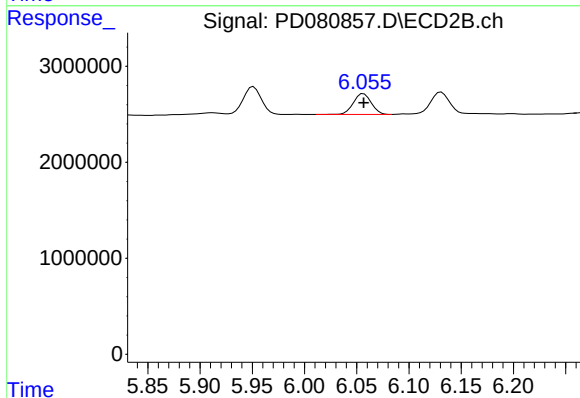
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 3111820
Conc: 1.19 ng/ml



#17 4,4'-DDT

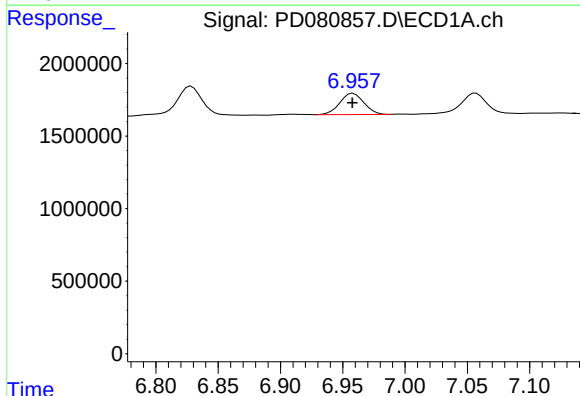
R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 1990029
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



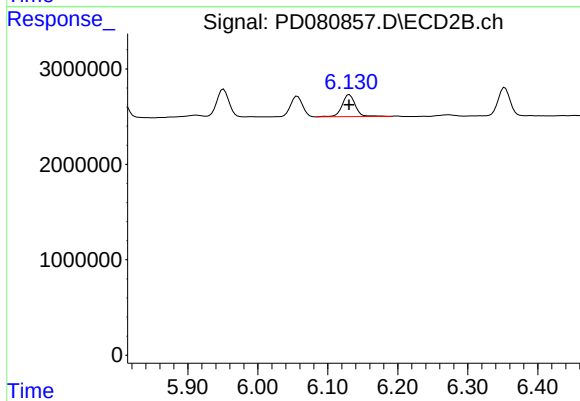
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 2601115
Conc: 0.98 ng/ml



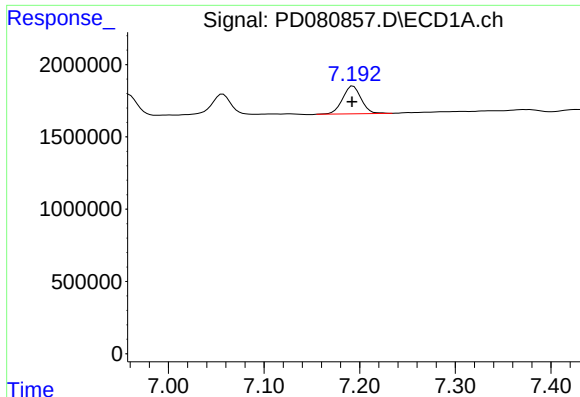
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 1984626
Conc: 1.30 ng/ml



#18 Endrin aldehyde

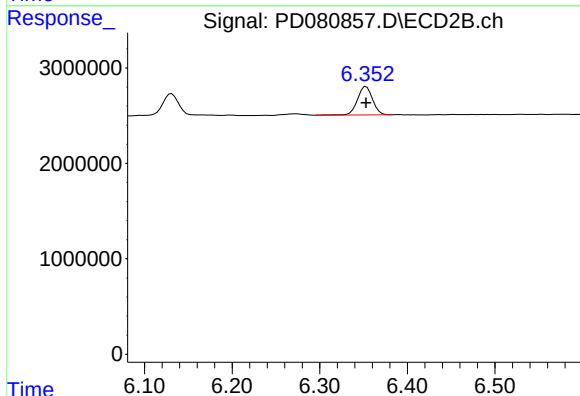
R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 3037587
Conc: 1.35 ng/ml



#19 Endosulfan Sulfate

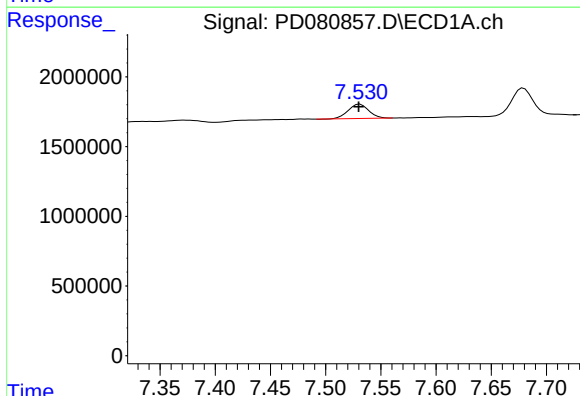
R.T.: 7.193 min
Delta R.T.: 0.001 min
Response: 2621483
Conc: 1.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



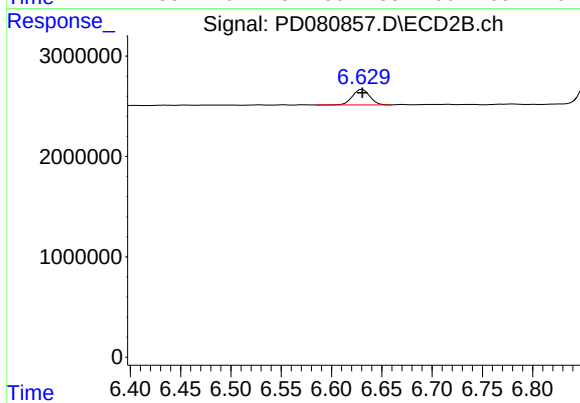
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 3543480
Conc: 1.27 ng/ml



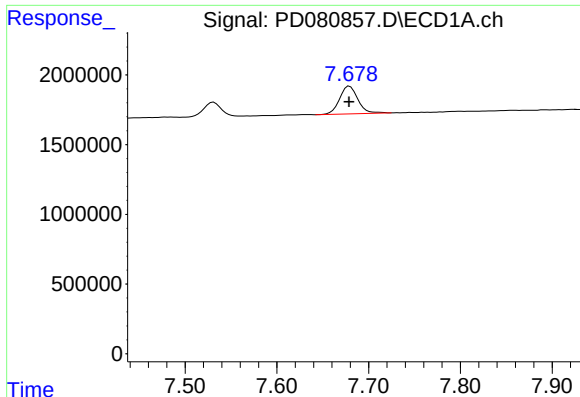
#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.001 min
Response: 1325926
Conc: 1.29 ng/ml



#20 Methoxychlor

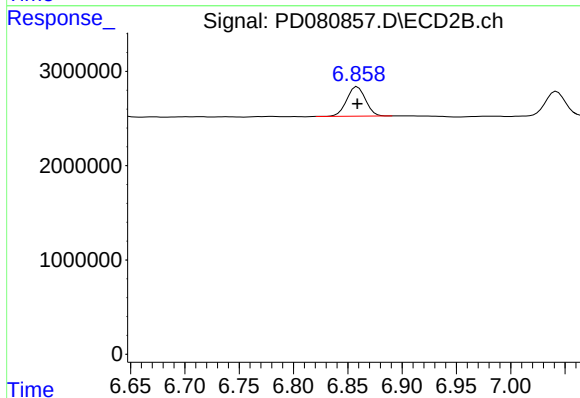
R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 1827629
Conc: 1.17 ng/ml



#21 Endrin ketone

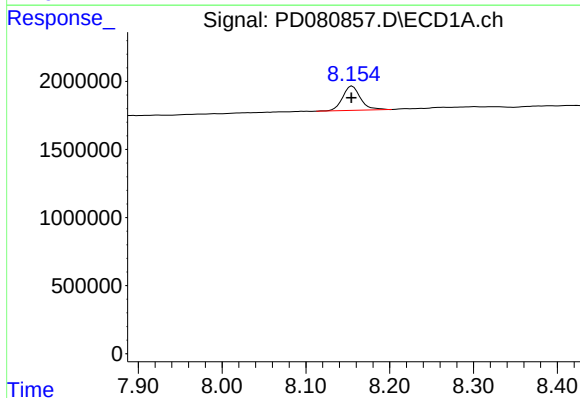
R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 2749229
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



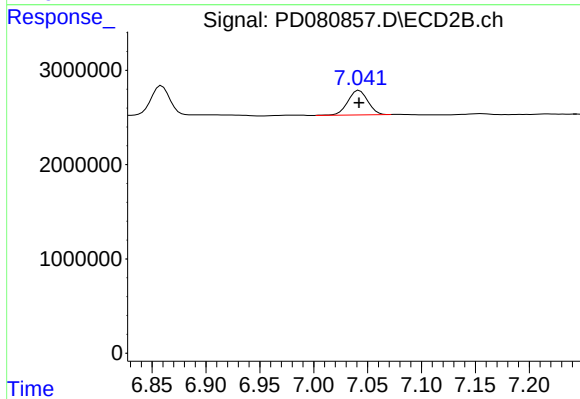
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 3760632
Conc: 1.17 ng/ml



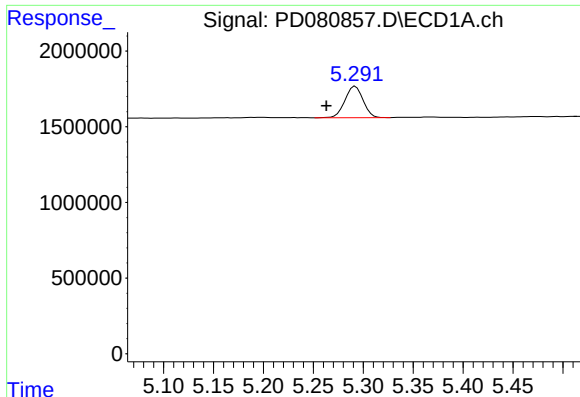
#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.001 min
Response: 2647209
Conc: 1.60 ng/ml



#22 Mirex

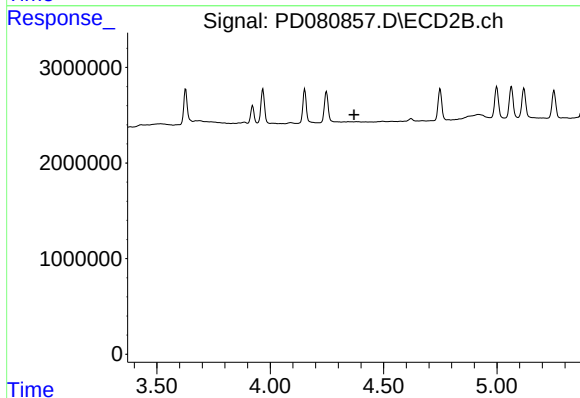
R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 3360582
Conc: 1.33 ng/ml



#24 Chlordane-2

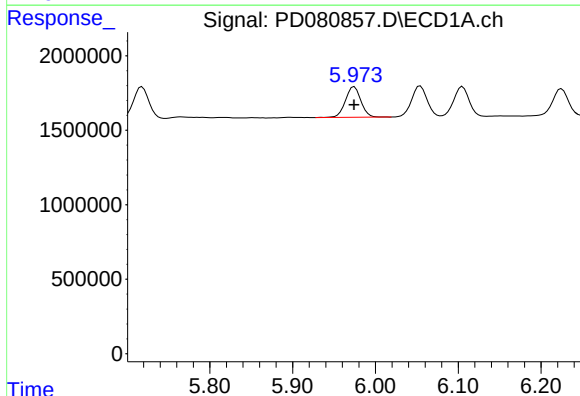
R.T.: 5.292 min
Delta R.T.: 0.029 min
Response: 2636615
Conc: 31.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



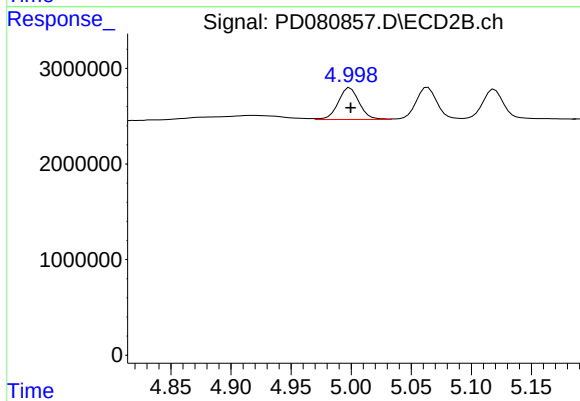
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.370 min
Response: 0
Conc: N.D.



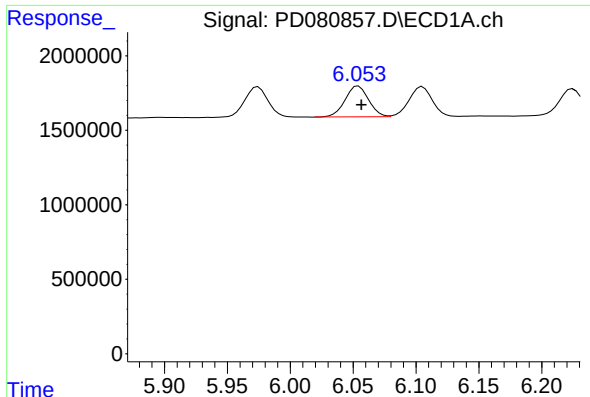
#25 Chlordane-3

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 2666203
Conc: 8.44 ng/ml



#25 Chlordane-3

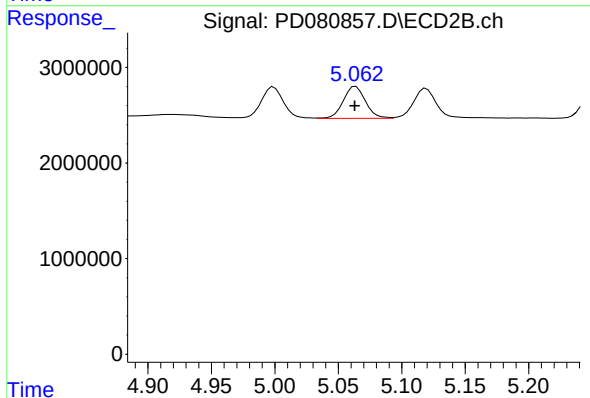
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 4044134
Conc: 12.05 ng/ml



#26 Chlordane-4

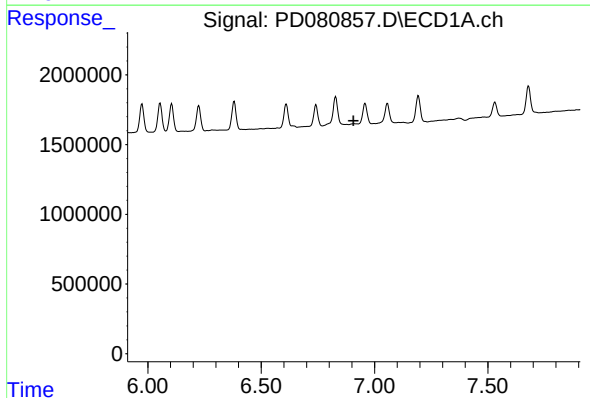
R.T.: 6.054 min
Delta R.T.: -0.002 min
Response: 2694529
Conc: 7.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



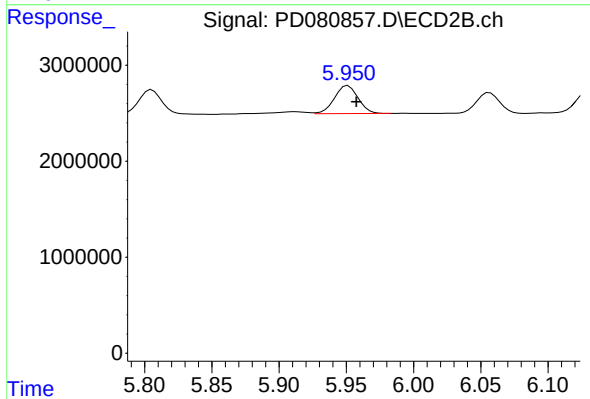
#26 Chlordane-4

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 4059383
Conc: 12.78 ng/ml



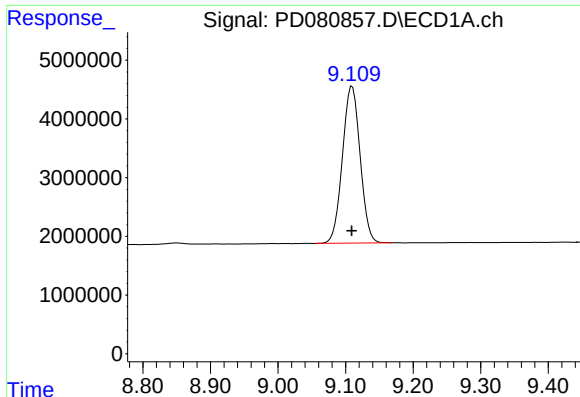
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.908 min
Response: 0
Conc: N.D.



#27 Chlordane-5

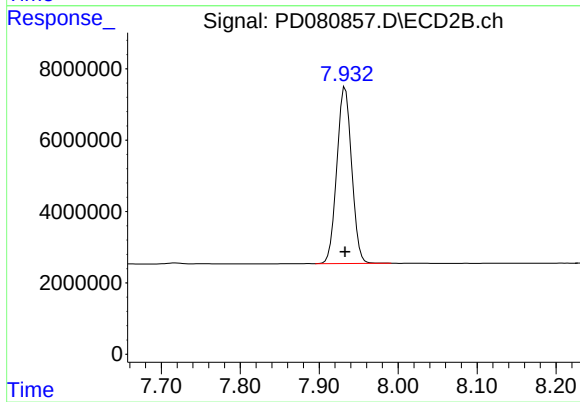
R.T.: 5.951 min
Delta R.T.: -0.006 min
Response: 3563939
Conc: 29.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.110 min
Delta R.T.: 0.001 min
Response: 48530062
Conc: 24.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 64493736
Conc: 24.21 ng/ml