

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
 Data File : PD084185.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 10:47
 Operator : AR\AJ
 Sample : P3390-01
 Misc : PEST LOD 1PPB/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:49:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 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...	3.561	2.771	19235223	109.4E6	18.812	19.023
28)	SA Decachlor...	9.116	7.894	40807489	130.7E6	17.875	20.357
Target Compounds							
2)	A alpha-BHC	4.018	3.270	1705746	9041946	0.868	1.020
3)	MA gamma-BHC...	4.352	3.598	1775617	8757519	0.919	1.095
4)	MA Heptachlor	4.944	3.935	2263202	9020859	1.138	1.110
5)	MB Aldrin	5.288	4.215	2068929	8195395	1.017	1.021
6)	B beta-BHC	4.551	3.895	754567	5130477	0.951	1.458 #
7)	B delta-BHC	4.797	4.124	2477044	8761641	1.362	1.053
8)	B Heptachlo...	5.715	4.716	1721800	8755534	0.966	1.218 #
9)	A Endosulfan I	6.103	5.084	2077058	7757631	1.074	1.125
10)	B gamma-Chl...	5.973	4.964	2423033	8949172	1.212	1.181
11)	B alpha-Chl...	6.052	5.028	2236438	8919844	1.122	1.194
12)	B 4,4'-DDE	6.224	5.216	1984808	8425078	0.996	1.183
13)	MA Dieldrin	6.378	5.348	2165475	8491583	1.050	1.131
14)	MA Endrin	6.610	5.624	1581570	6830530	0.886	1.033
15)	B Endosulfa...	6.830	5.917	2058470	7160566	1.078	1.121
16)	A 4,4'-DDD	6.743	5.770	1592662	6704769	1.051	1.211
17)	MA 4,4'-DDT	7.057	6.021	1371019	4519118	0.798	0.788
18)	B Endrin al...	6.960	6.097	1552700	6190857	1.057	1.234
19)	B Endosulfa...	7.196	6.319	1887465	7128110	1.039	1.165
20)	A Methoxychlor	7.535	6.595	888836	2794667	0.902	0.947
21)	B Endrin ke...	7.682	6.824	2105976	8292387	1.020	1.225
22)	Mirex	8.159	7.004	1739995	6887216	1.068	1.271
23)	Chlordane-1	0.000	3.801f	0	112999	N.D.	0.483 #
24)	Chlordane-2	5.288f	4.320	2068929	961754	29.780	3.427 #
25)	Chlordane-3	5.973	4.964	2423033	8949172	7.970	11.505 #
26)	Chlordane-4	6.052	5.028	2236438	8919844	6.082	11.637 #
27)	Chlordane-5	0.000	5.917	0	7160566	N.D.	25.918 #

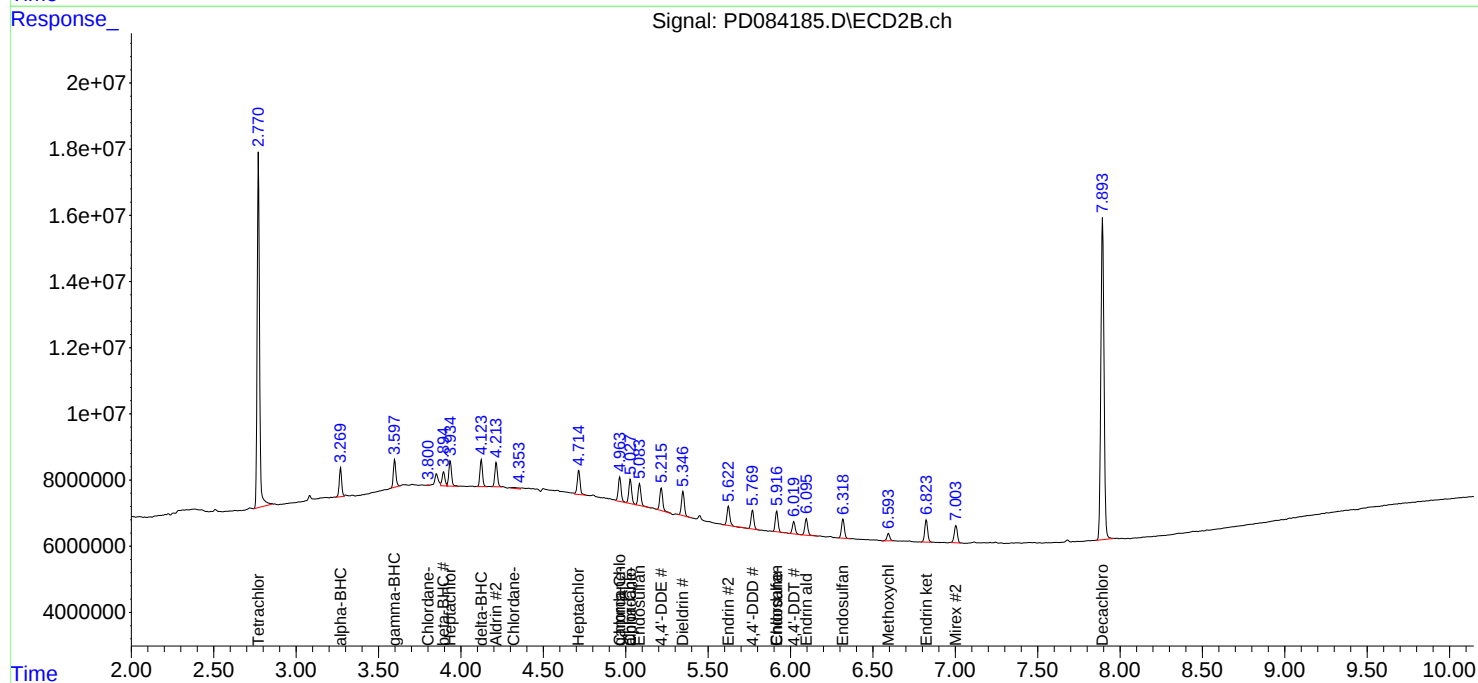
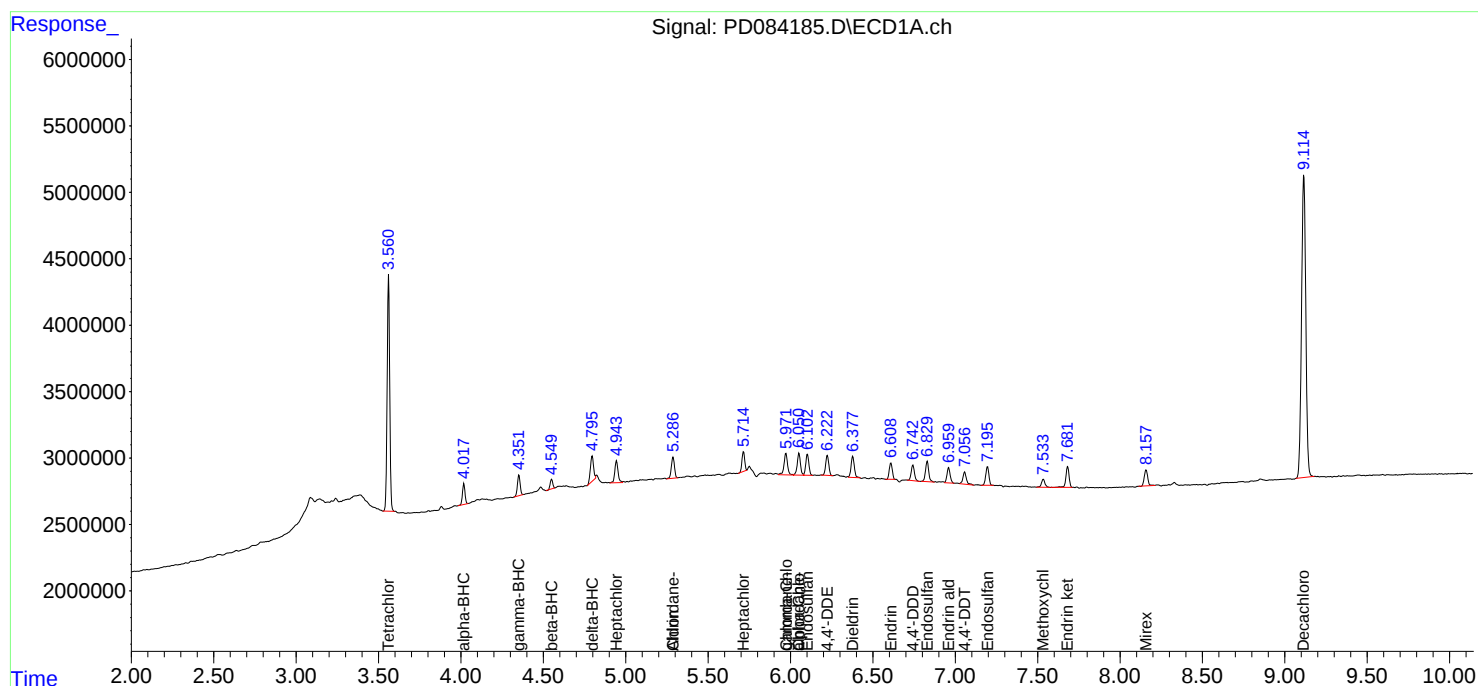
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

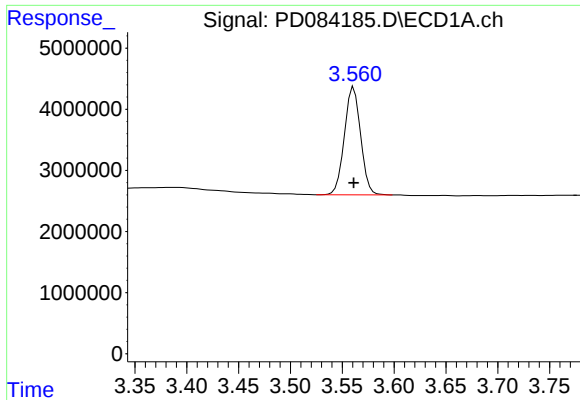
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080224\
Data File : PD084185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 10:47
Operator : AR\AJ
Sample : P3390-01
Misc : PEST LOD 1PPB/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 23:49:07 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
Quant Title : GC Extractables
QLast Update : Tue Jul 16 04:22:06 2024
Response via : Initial Calibration
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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

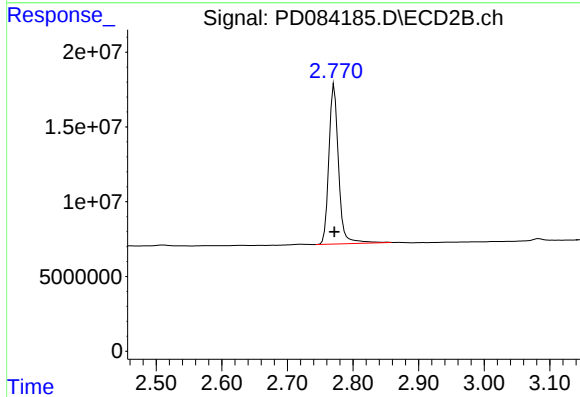




#1 Tetrachloro-m-xylene

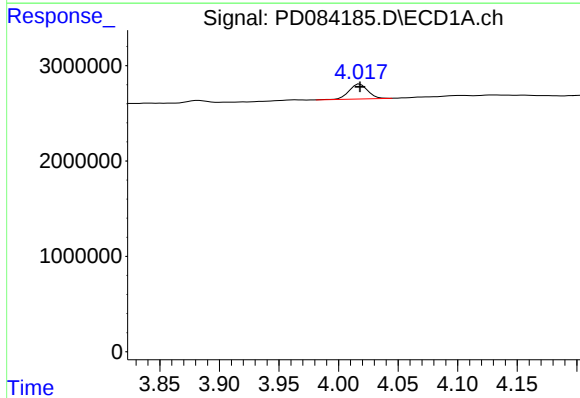
R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 19235223
Conc: 18.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



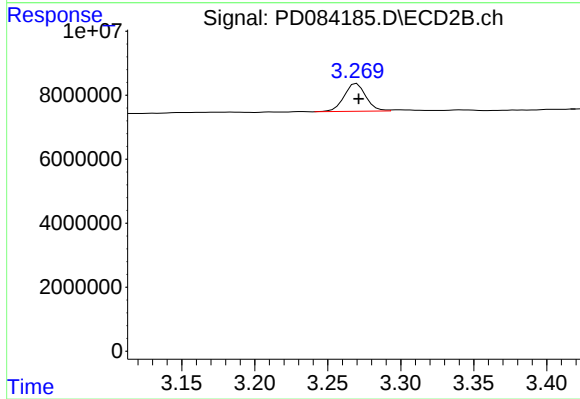
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 109377215
Conc: 19.02 ng/ml



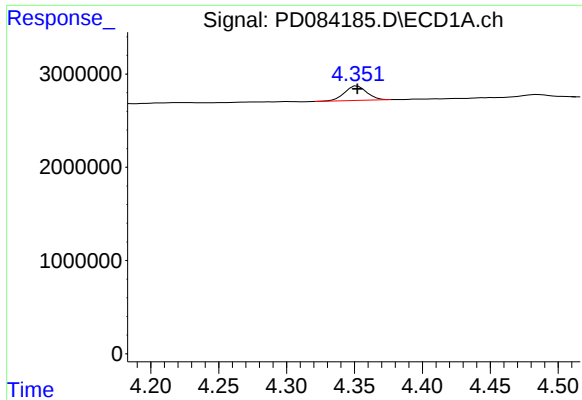
#2 alpha-BHC

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 1705746
Conc: 0.87 ng/ml



#2 alpha-BHC

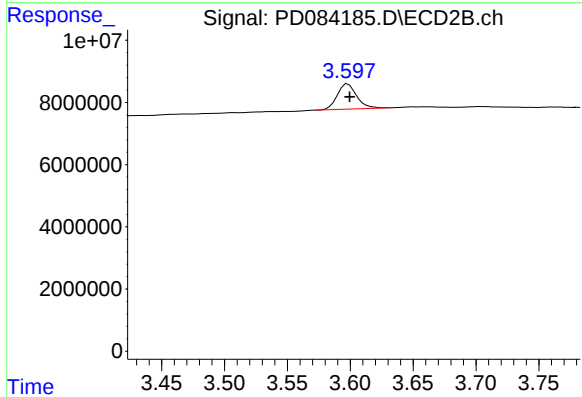
R.T.: 3.270 min
Delta R.T.: -0.001 min
Response: 9041946
Conc: 1.02 ng/ml



#3 gamma-BHC (Lindane)

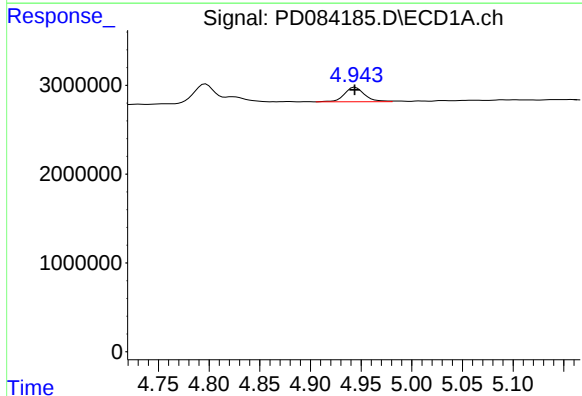
R.T.: 4.352 min
Delta R.T.: 0.000 min
Response: 1775617
Conc: 0.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



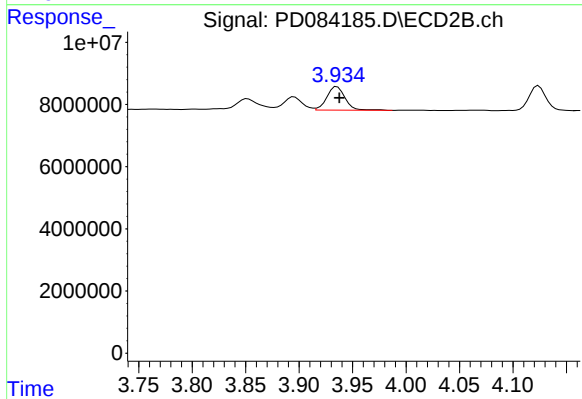
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 8757519
Conc: 1.10 ng/ml



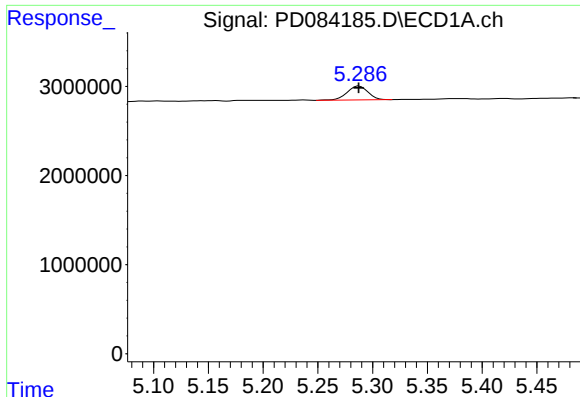
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 2263202
Conc: 1.14 ng/ml



#4 Heptachlor

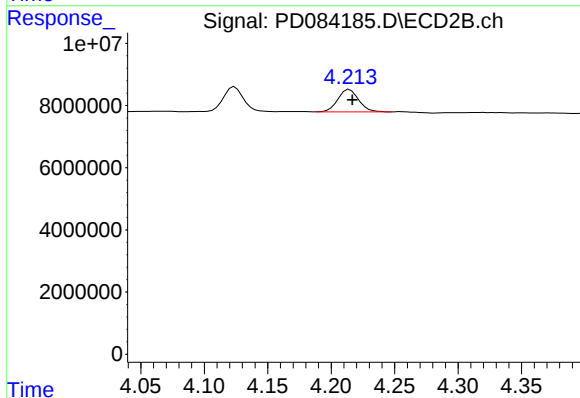
R.T.: 3.935 min
Delta R.T.: -0.002 min
Response: 9020859
Conc: 1.11 ng/ml



#5 Aldrin

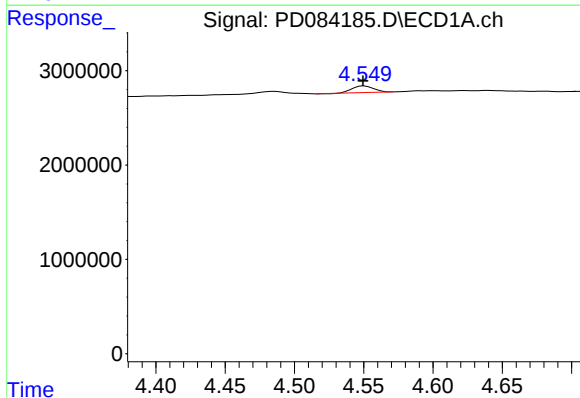
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 2068929
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



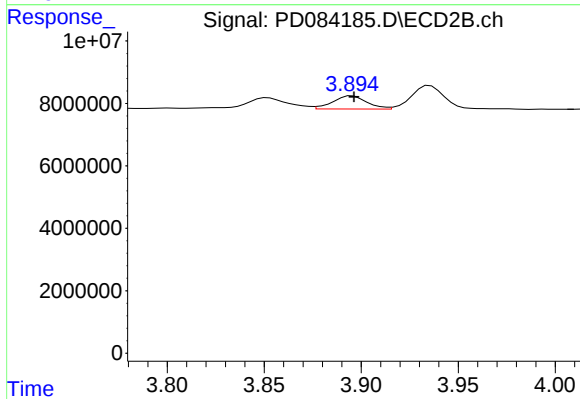
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 8195395
Conc: 1.02 ng/ml



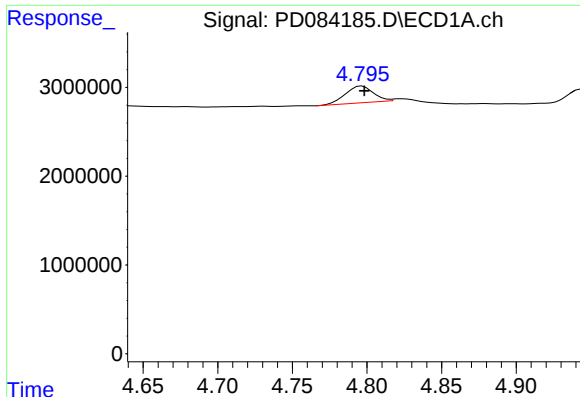
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 754567
Conc: 0.95 ng/ml



#6 beta-BHC

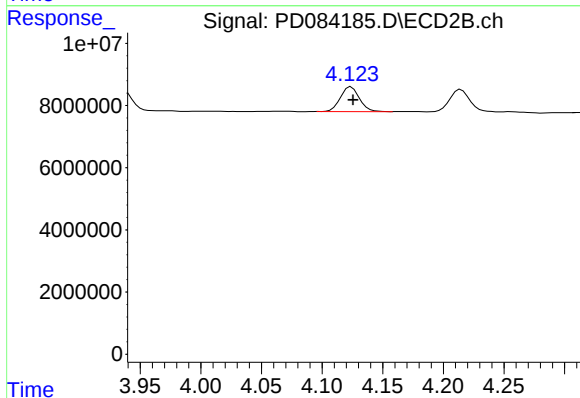
R.T.: 3.895 min
Delta R.T.: 0.000 min
Response: 5130477
Conc: 1.46 ng/ml



#7 delta-BHC

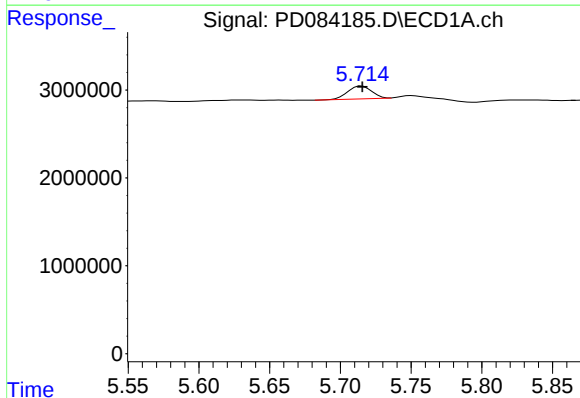
R.T.: 4.797 min
Delta R.T.: -0.002 min
Response: 2477044
Conc: 1.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



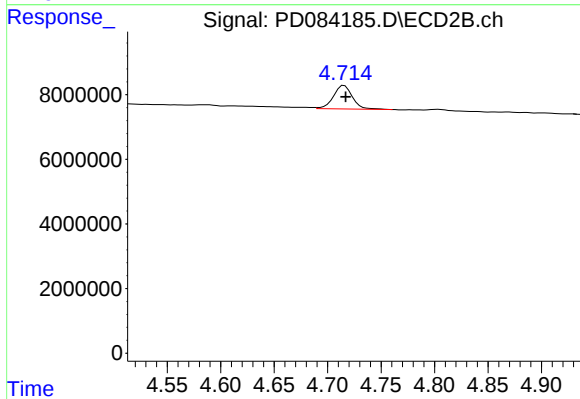
#7 delta-BHC

R.T.: 4.124 min
Delta R.T.: -0.002 min
Response: 8761641
Conc: 1.05 ng/ml



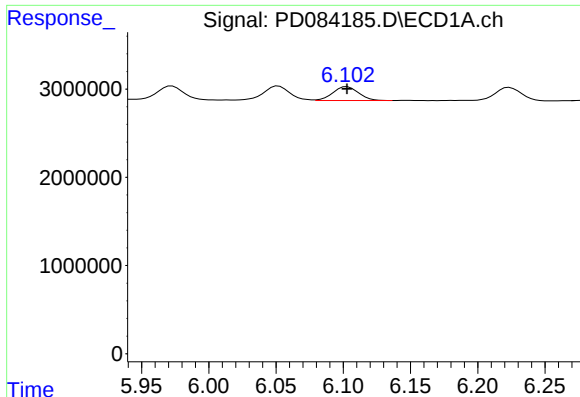
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 1721800
Conc: 0.97 ng/ml



#8 Heptachlor epoxide

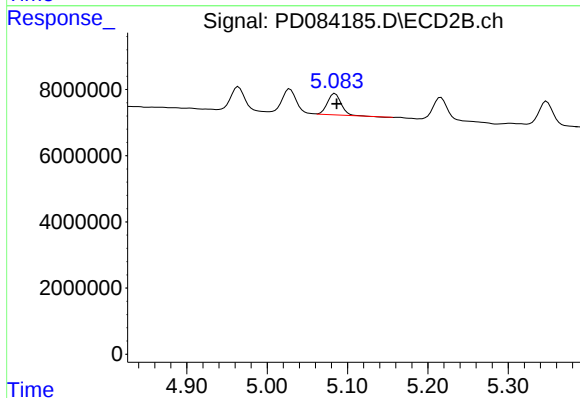
R.T.: 4.716 min
Delta R.T.: -0.002 min
Response: 8755534
Conc: 1.22 ng/ml



#9 Endosulfan I

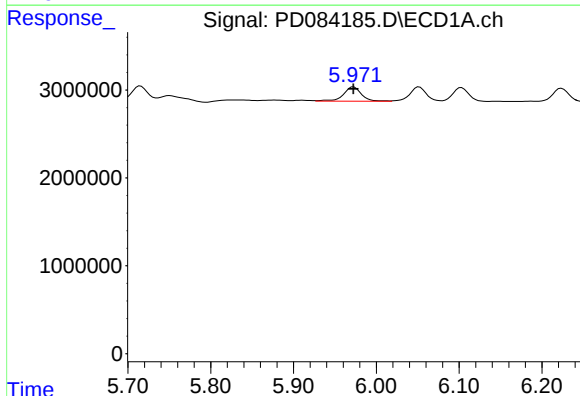
R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 2077058
Conc: 1.07 ng/ml

Instrument :
ECD_D
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LOD-MDL-SOIL-01-QT3-2024



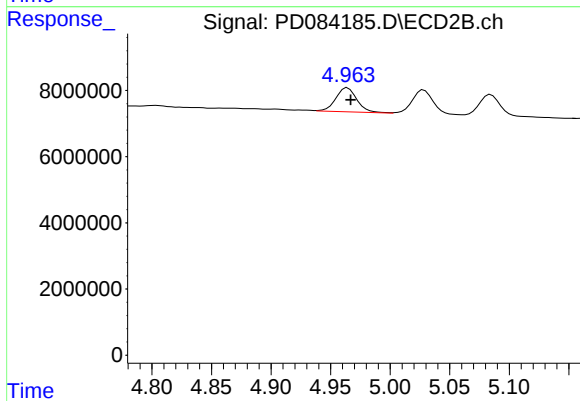
#9 Endosulfan I

R.T.: 5.084 min
Delta R.T.: -0.002 min
Response: 7757631
Conc: 1.12 ng/ml



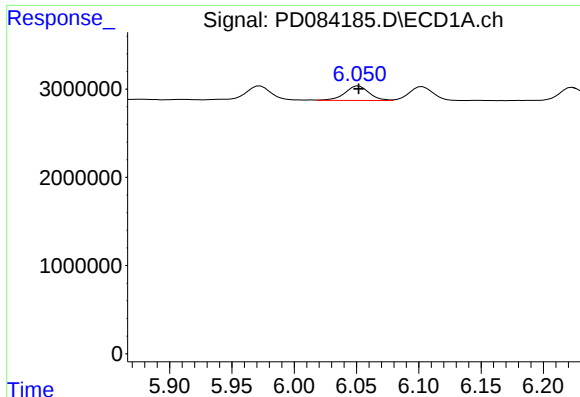
#10 gamma-Chlordane

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 2423033
Conc: 1.21 ng/ml



#10 gamma-Chlordane

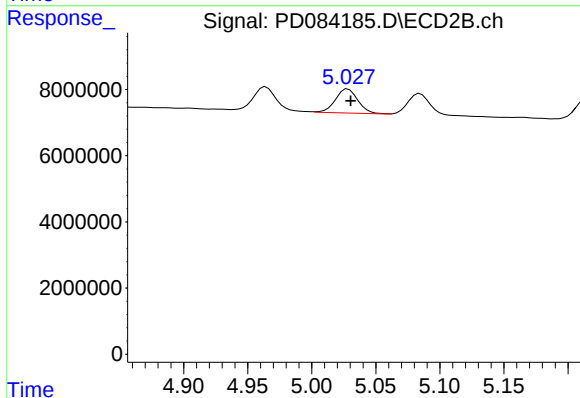
R.T.: 4.964 min
Delta R.T.: -0.003 min
Response: 8949172
Conc: 1.18 ng/ml



#11 alpha-Chlordane

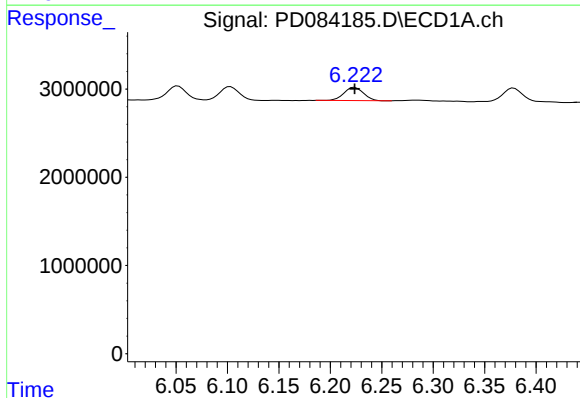
R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 2236438
Conc: 1.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



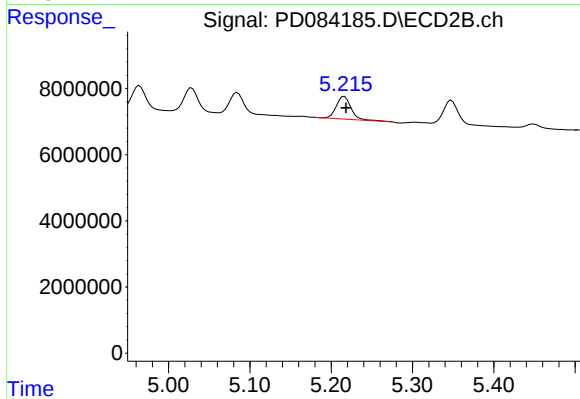
#11 alpha-Chlordane

R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 8919844
Conc: 1.19 ng/ml



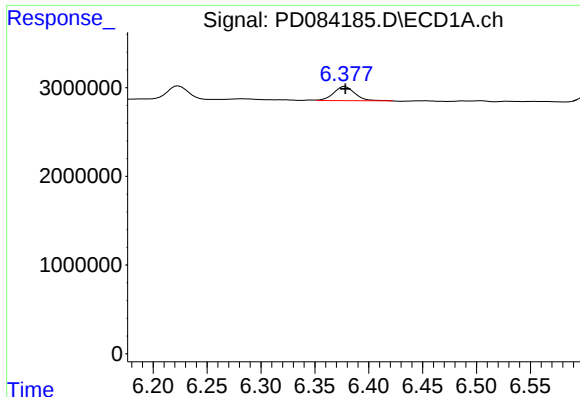
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 1984808
Conc: 1.00 ng/ml



#12 4,4'-DDE

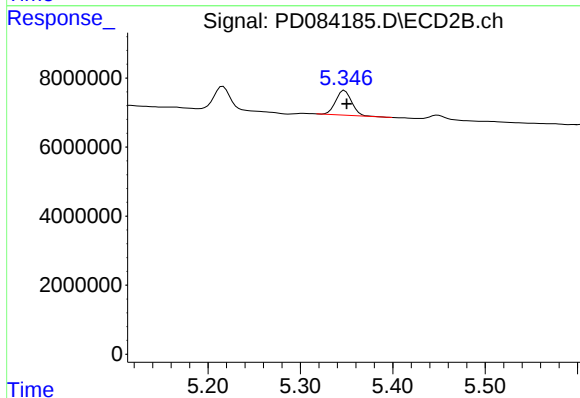
R.T.: 5.216 min
Delta R.T.: -0.002 min
Response: 8425078
Conc: 1.18 ng/ml



#13 Dieldrin

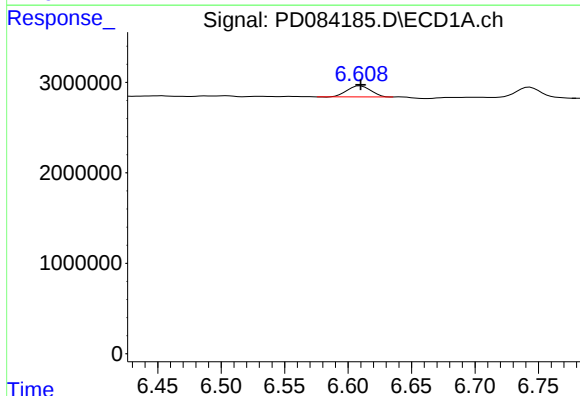
R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 2165475
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



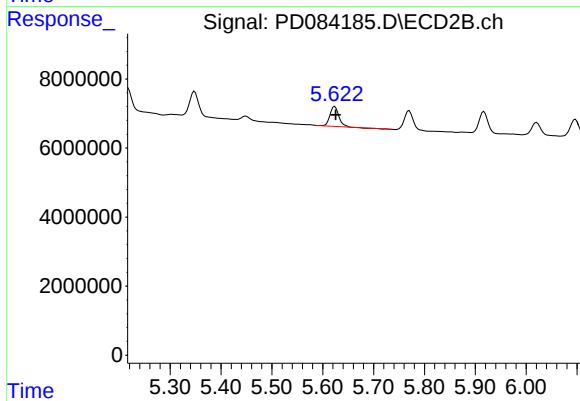
#13 Dieldrin

R.T.: 5.348 min
Delta R.T.: -0.002 min
Response: 8491583
Conc: 1.13 ng/ml



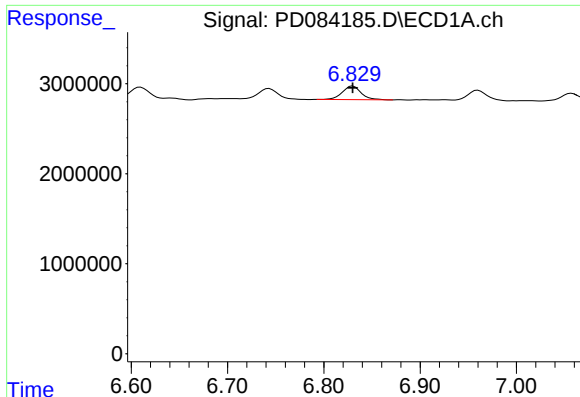
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 1581570
Conc: 0.89 ng/ml



#14 Endrin

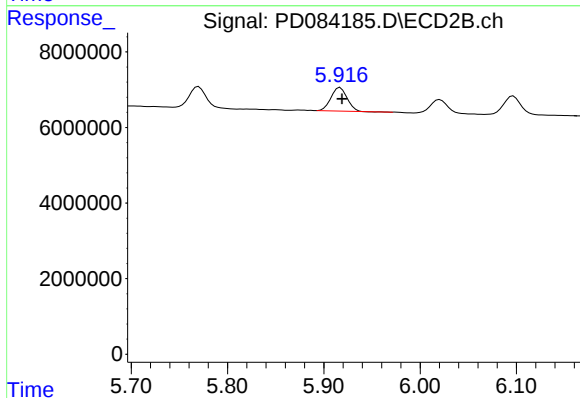
R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 6830530
Conc: 1.03 ng/ml



#15 Endosulfan II

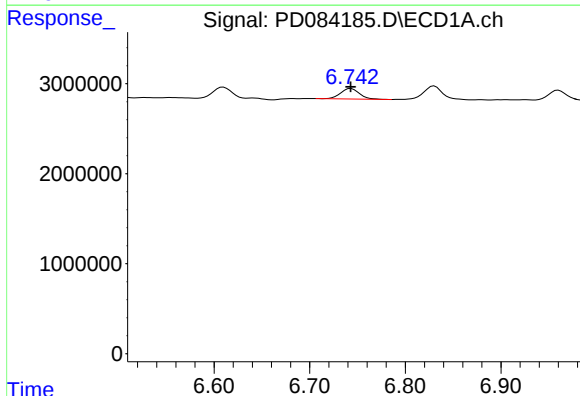
R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 2058470
Conc: 1.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



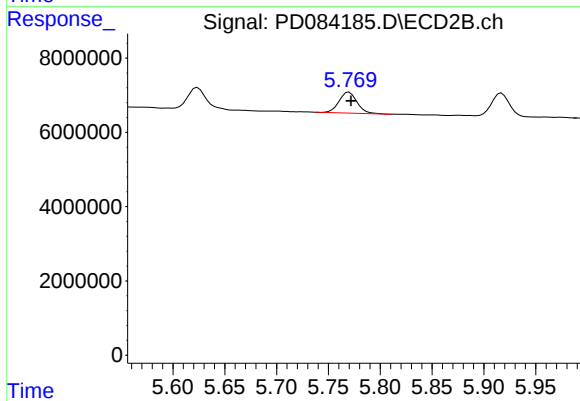
#15 Endosulfan II

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 7160566
Conc: 1.12 ng/ml



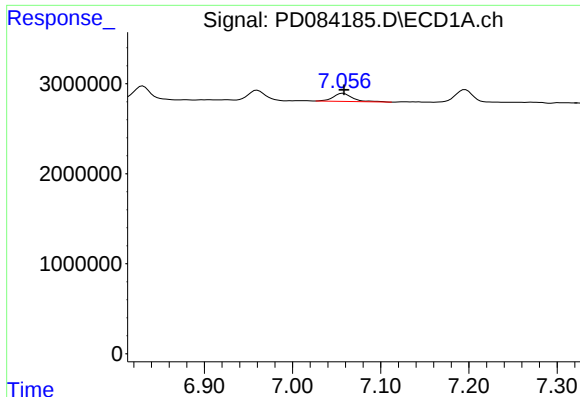
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 1592662
Conc: 1.05 ng/ml



#16 4,4'-DDD

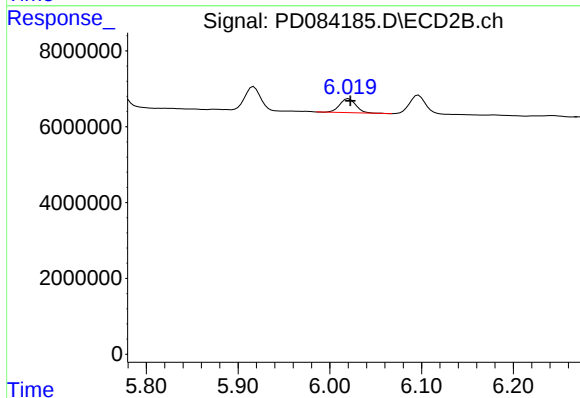
R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 6704769
Conc: 1.21 ng/ml



#17 4,4'-DDT

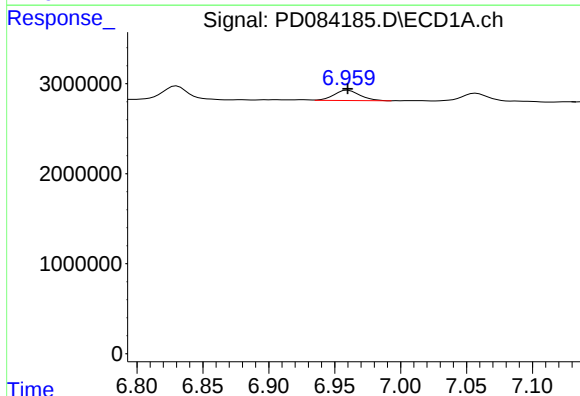
R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 1371019
Conc: 0.80 ng/ml

Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



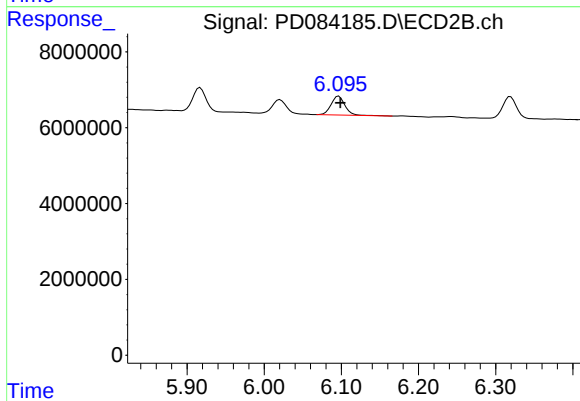
#17 4,4'-DDT

R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 4519118
Conc: 0.79 ng/ml



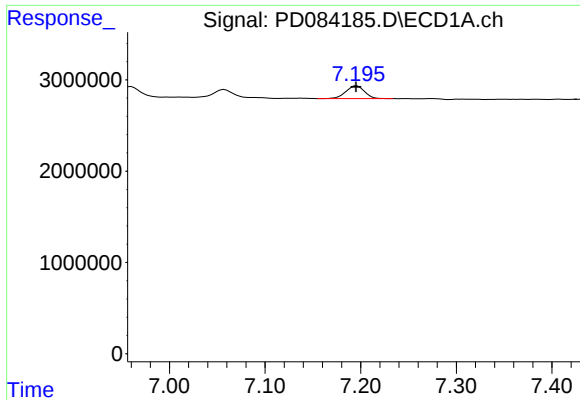
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 1552700
Conc: 1.06 ng/ml



#18 Endrin aldehyde

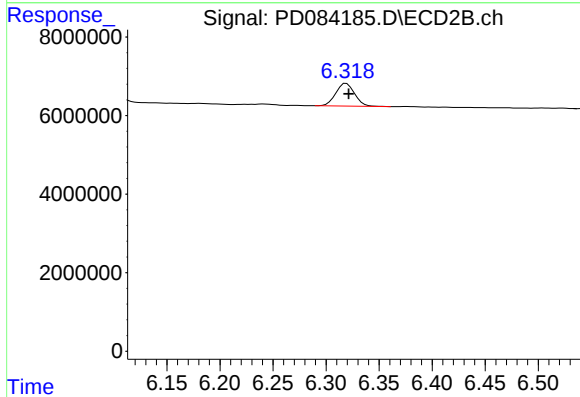
R.T.: 6.097 min
Delta R.T.: -0.002 min
Response: 6190857
Conc: 1.23 ng/ml



#19 Endosulfan Sulfate

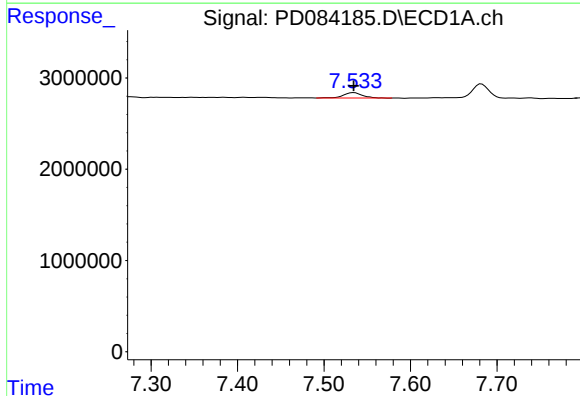
R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 1887465
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



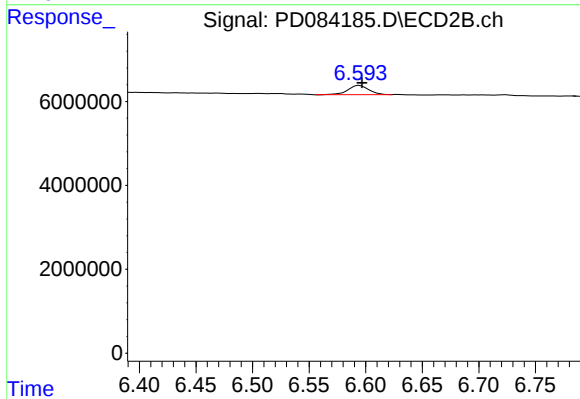
#19 Endosulfan Sulfate

R.T.: 6.319 min
Delta R.T.: -0.002 min
Response: 7128110
Conc: 1.16 ng/ml



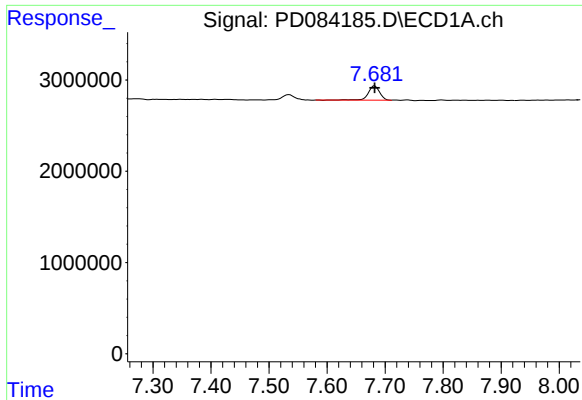
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 888836
Conc: 0.90 ng/ml



#20 Methoxychlor

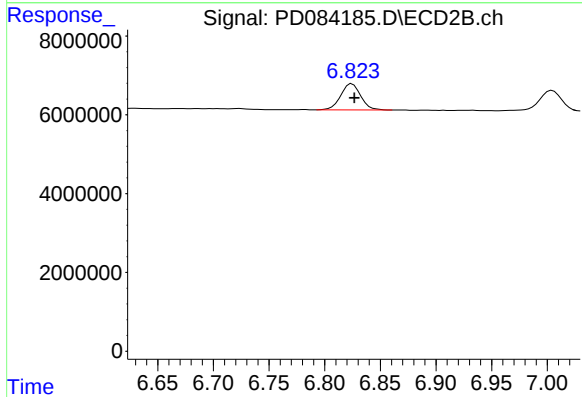
R.T.: 6.595 min
Delta R.T.: -0.002 min
Response: 2794667
Conc: 0.95 ng/ml



#21 Endrin ketone

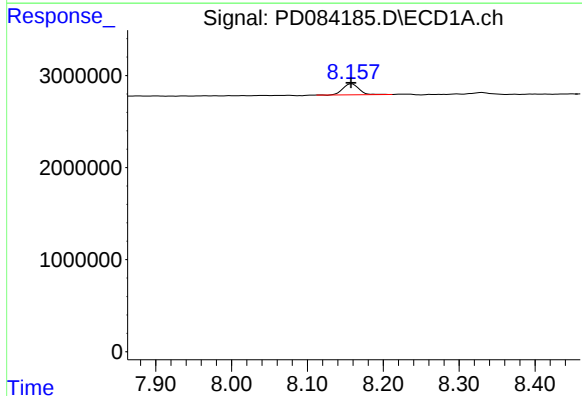
R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 2105976
Conc: 1.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



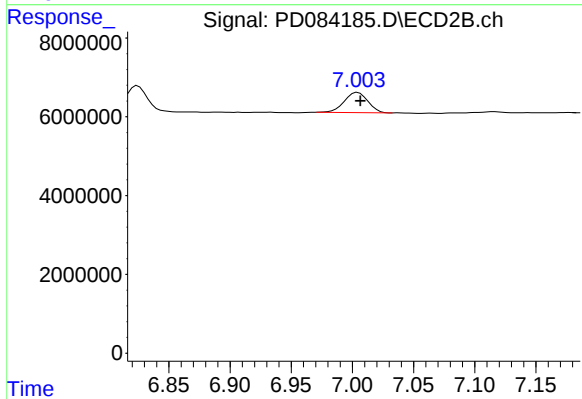
#21 Endrin ketone

R.T.: 6.824 min
Delta R.T.: -0.002 min
Response: 8292387
Conc: 1.22 ng/ml



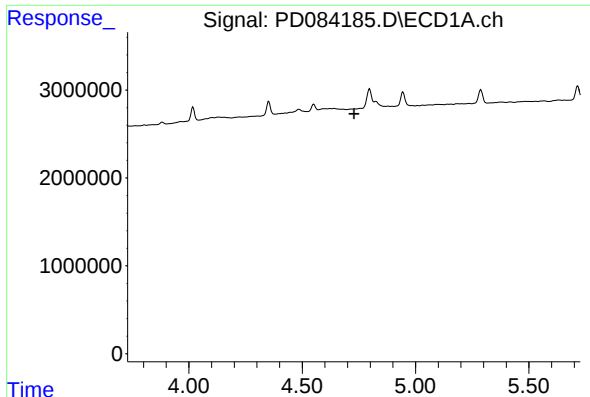
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.001 min
Response: 1739995
Conc: 1.07 ng/ml



#22 Mirex

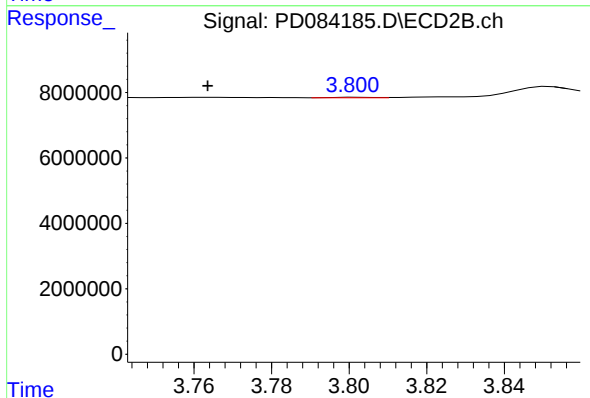
R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 6887216
Conc: 1.27 ng/ml



#23 Chlordane-1

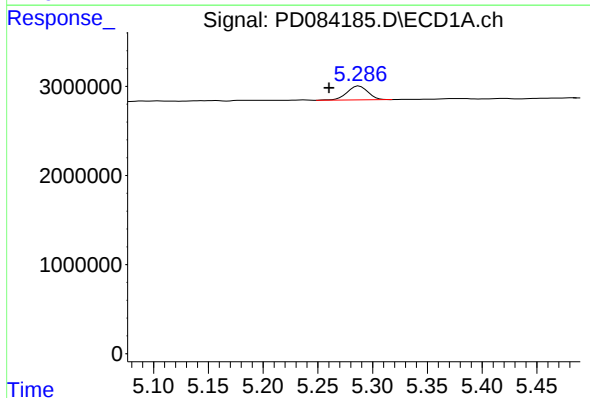
R.T.: 0.000 min
Exp R.T.: 4.728 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



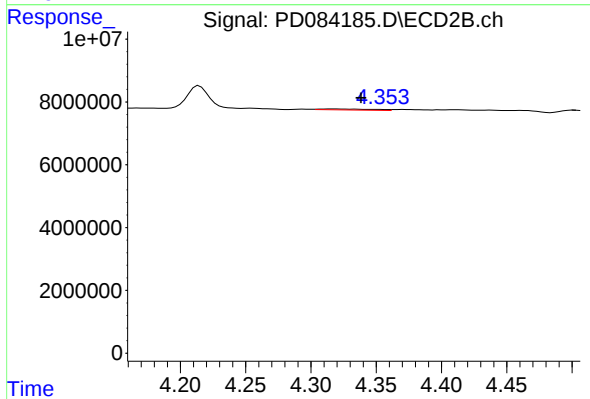
#23 Chlordane-1

R.T.: 3.801 min
Delta R.T.: 0.038 min
Response: 112999
Conc: 0.48 ng/ml



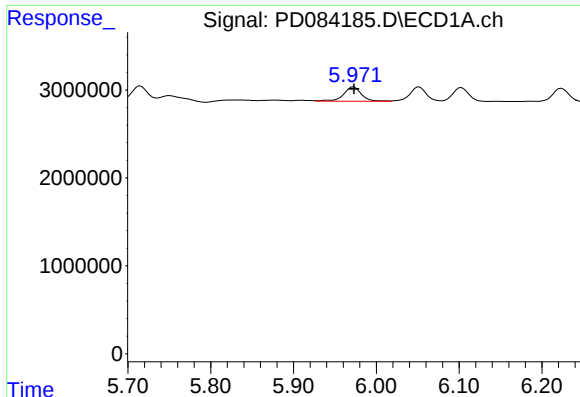
#24 Chlordane-2

R.T.: 5.288 min
Delta R.T.: 0.028 min
Response: 2068929
Conc: 29.78 ng/ml



#24 Chlordane-2

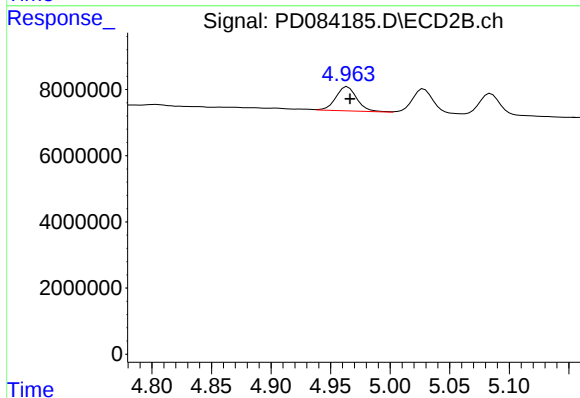
R.T.: 4.320 min
Delta R.T.: -0.019 min
Response: 961754
Conc: 3.43 ng/ml



#25 Chlordane-3

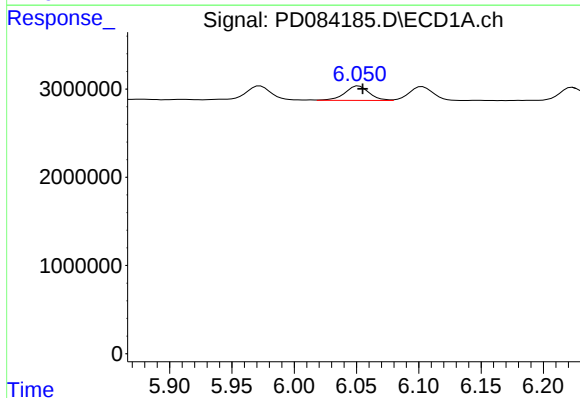
R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 2423033
Conc: 7.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



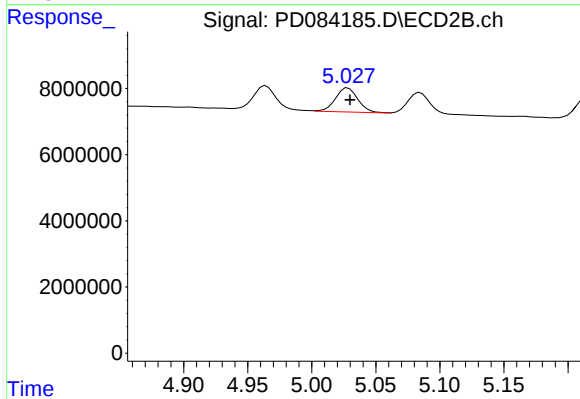
#25 Chlordane-3

R.T.: 4.964 min
Delta R.T.: -0.002 min
Response: 8949172
Conc: 11.51 ng/ml



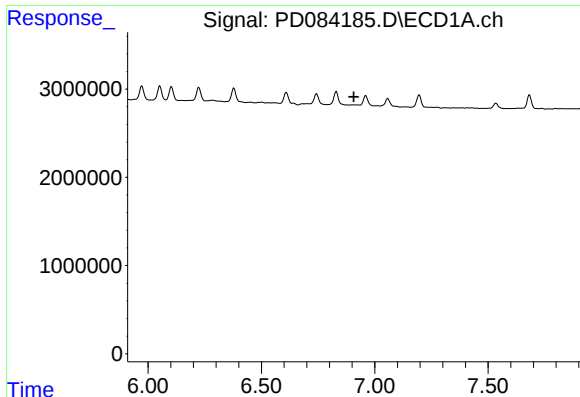
#26 Chlordane-4

R.T.: 6.052 min
Delta R.T.: -0.003 min
Response: 2236438
Conc: 6.08 ng/ml



#26 Chlordane-4

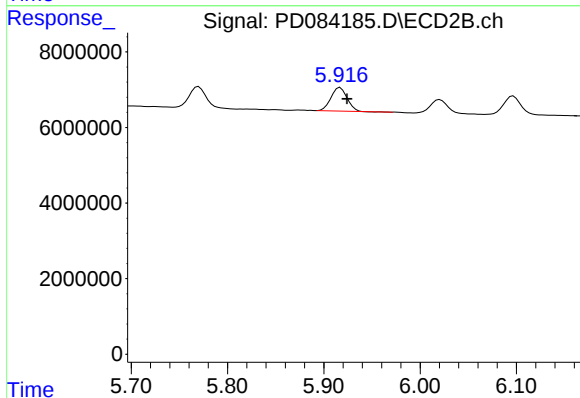
R.T.: 5.028 min
Delta R.T.: -0.002 min
Response: 8919844
Conc: 11.64 ng/ml



#27 Chlordane-5

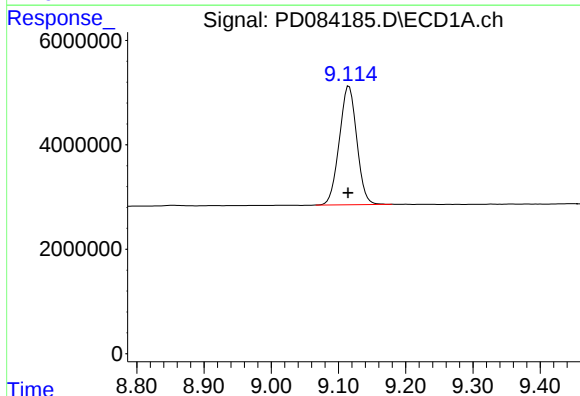
R.T.: 0.000 min
Exp R.T.: 6.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



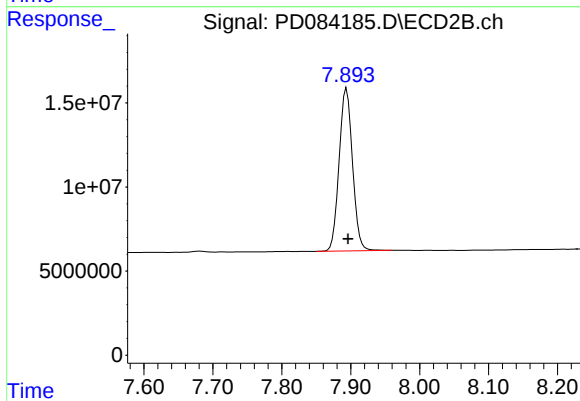
#27 Chlordane-5

R.T.: 5.917 min
Delta R.T.: -0.007 min
Response: 7160566
Conc: 25.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.002 min
Response: 40807489
Conc: 17.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 130732960
Conc: 20.36 ng/ml