

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012424\
 Data File : PD080859.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2024 22:12
 Operator : AR\AJ
 Sample : P1187-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 30 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 00:59:01 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...	3.565	2.796	31498362	53751887	22.189	22.470
28)	SA Decachlor...	9.110	7.933	47476262	62851850	23.591	23.596
Target Compounds							
2)	A alpha-BHC	4.022	3.297	5794599	8906499	2.333	2.321
3)	MA gamma-BHC...	4.355	3.627	5706254	8931021	2.331	2.389
4)	MA Heptachlor	4.948	3.968	6545986	8657299	2.654	2.511
5)	MB Aldrin	5.291	4.248	6008587	8472568	2.448	2.326
6)	B beta-BHC	4.549	3.922	2748935	4101910	2.717	2.625
7)	B delta-BHC	4.798	4.153	5796607	8252857	2.311	2.199
8)	B Heptachlo...	5.718	4.750	6044218	8244692	2.699	2.461
9)	A Endosulfan I	6.104	5.120	5673378	8150616	2.735	2.661
10)	B gamma-Chl...	5.974	4.999	5910565	8645297	2.700	2.643
11)	B alpha-Chl...	6.053	5.064	5883621	8681660	2.702	2.655
12)	B 4,4'-DDE	6.224	5.252	5245101	7391273	2.578	2.413
13)	MA Dieldrin	6.380	5.383	5864283	8279022	2.654	2.434
14)	MA Endrin	6.610	5.659	4955195	7533964	2.653	2.542
15)	B Endosulfa...	6.828	5.951	5822399	7621630	3.007	2.650
16)	A 4,4'-DDD	6.741	5.806	4292642	6518553	2.612	2.483
17)	MA 4,4'-DDT	7.056	6.057	4479241	5959551	2.515	2.246
18)	B Endrin al...	6.957	6.131	4335550	6127195	2.850	2.718
19)	B Endosulfa...	7.192	6.353	5452139	7553394	2.871	2.708
20)	A Methoxychlor	7.531	6.631	2906016	4156835	2.823	2.656
21)	B Endrin ke...	7.678	6.859	5860299	8340080	2.802	2.584
22)	Mirex	8.155	7.042	5430744	7368585	3.293	2.924
24)	Chlordane-2	5.291f	0.000	6008587	0	72.583	N.D. #
25)	Chlordane-3	5.974	4.999	5910565	8645297	18.717	25.759 #
26)	Chlordane-4	6.053	5.064	5883621	8681660	15.453	27.327 #
27)	Chlordane-5	0.000	5.951	0	7621630	N.D.	62.863 #

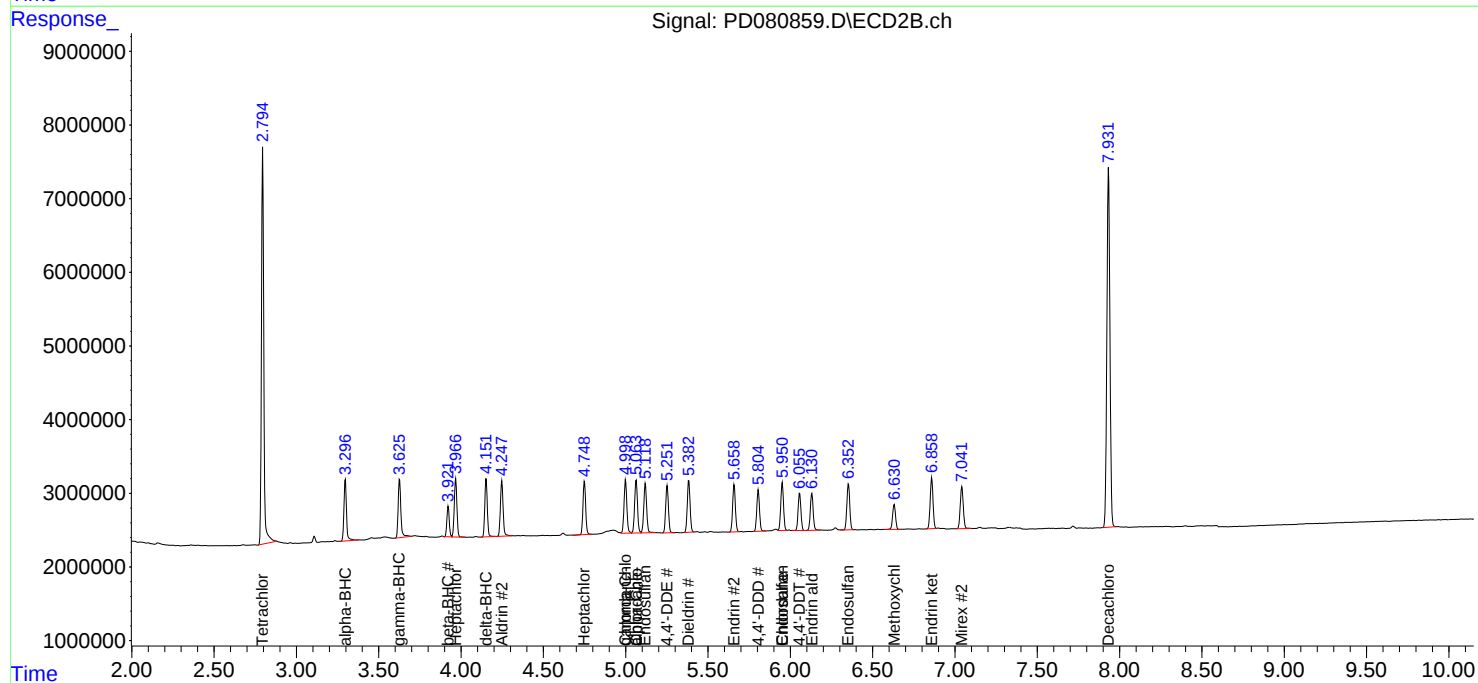
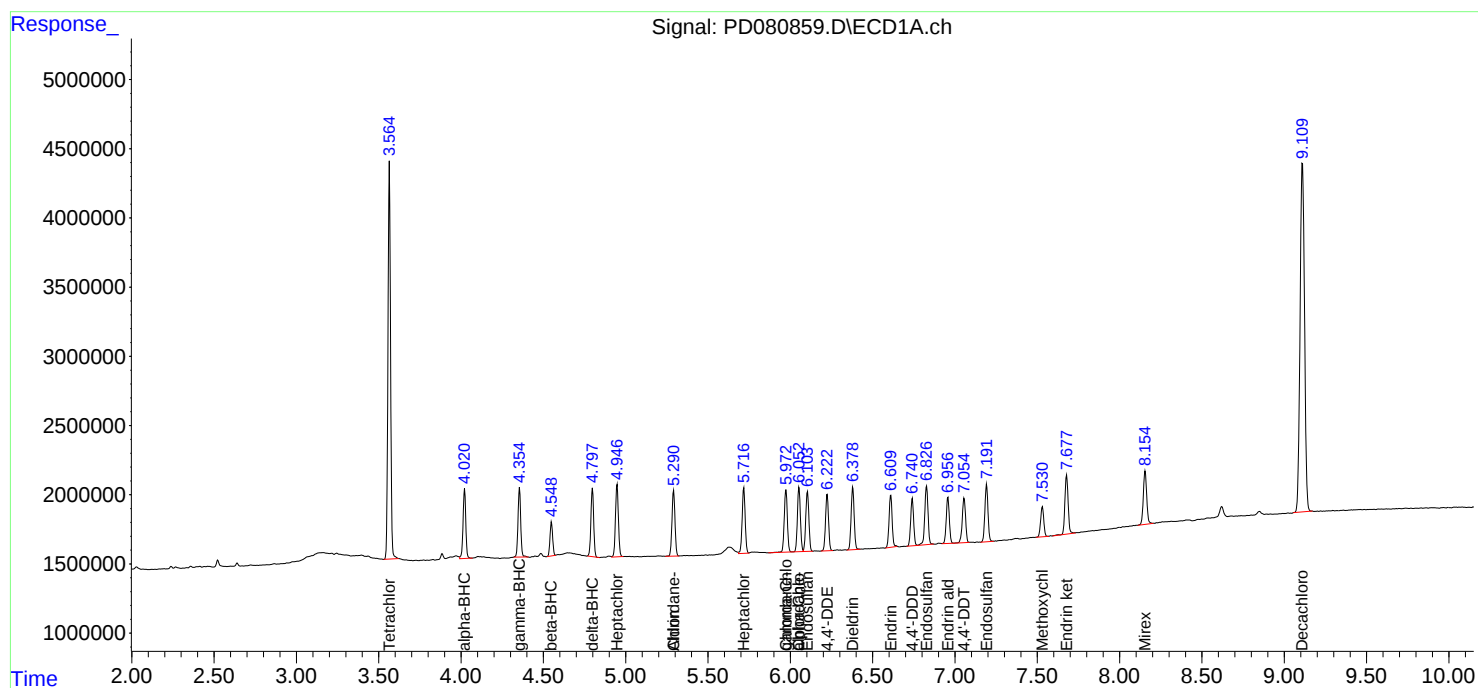
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

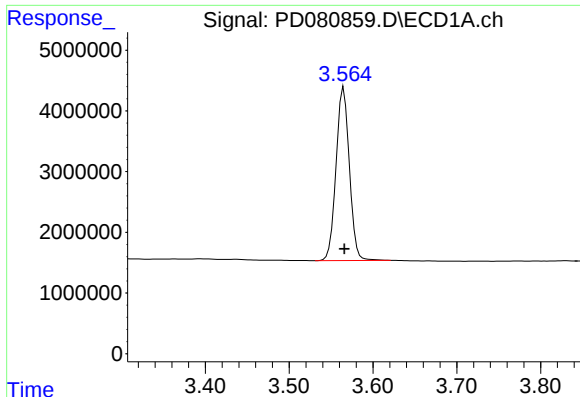
```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012424\  
Data File : PD080859.D  
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch  
Acq On    : 24 Jan 2024  22:12  
Operator  : AR\AJ  
Sample    : P1187-01  
Misc      : PEST  LOD  2.5PPB  
ALS Vial  : 30  Sample Multiplier: 1
```

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-OT1-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 00:59:01 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

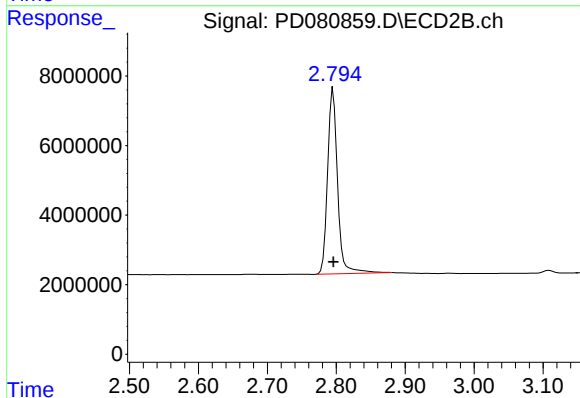




#1 Tetrachloro-m-xylene

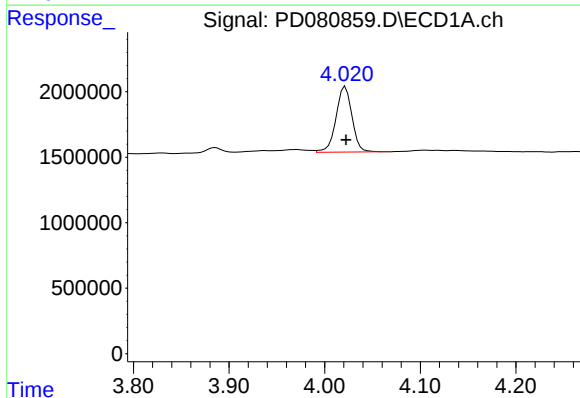
R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 31498362
Conc: 22.19 ng/ml

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



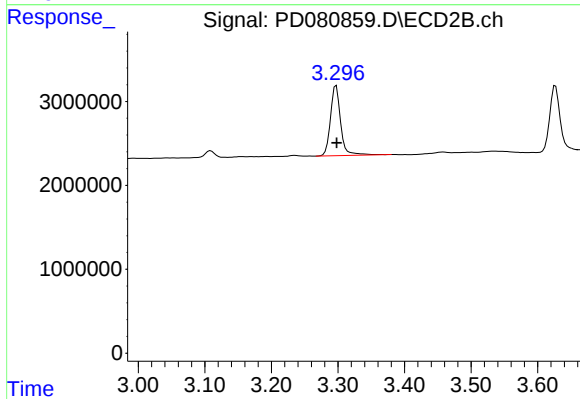
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 53751887
Conc: 22.47 ng/ml



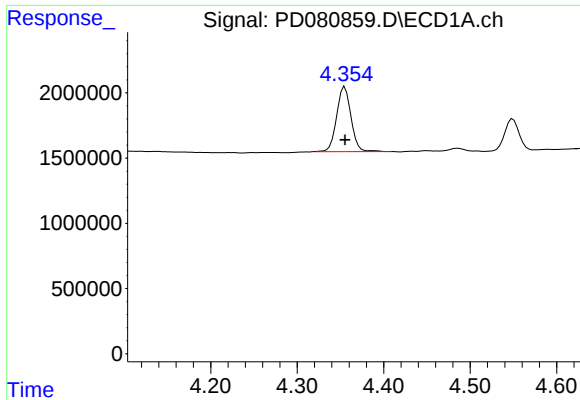
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 5794599
Conc: 2.33 ng/ml



#2 alpha-BHC

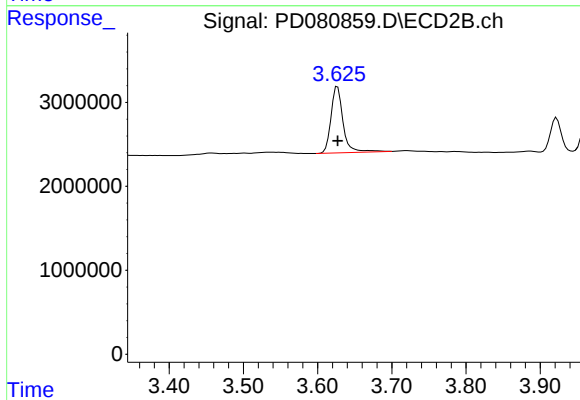
R.T.: 3.297 min
Delta R.T.: 0.000 min
Response: 8906499
Conc: 2.32 ng/ml



#3 gamma-BHC (Lindane)

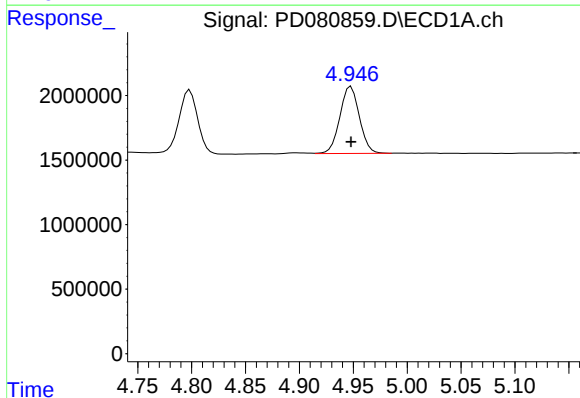
R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 5706254
Conc: 2.33 ng/ml

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



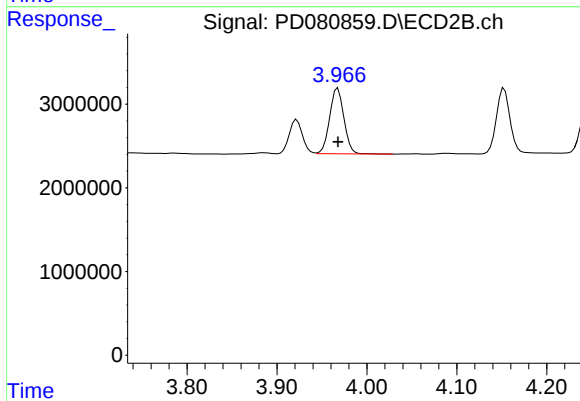
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 8931021
Conc: 2.39 ng/ml



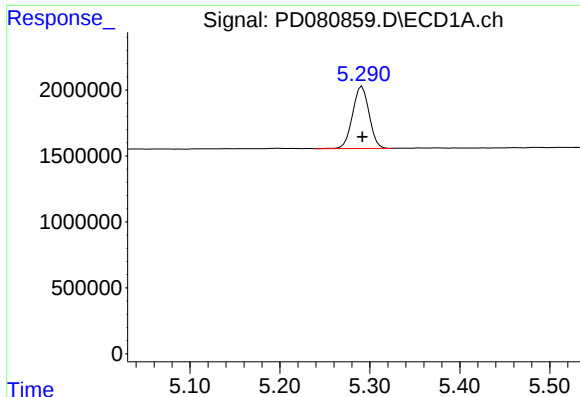
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 6545986
Conc: 2.65 ng/ml



#4 Heptachlor

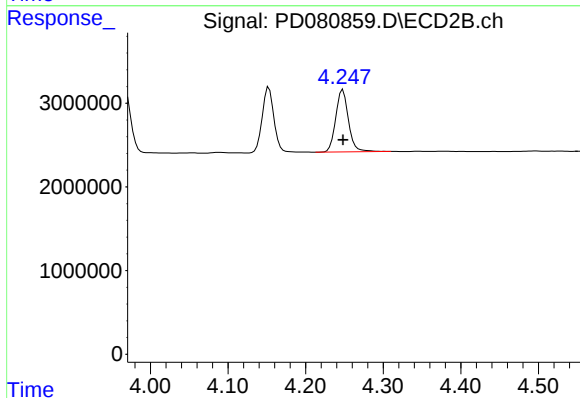
R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 8657299
Conc: 2.51 ng/ml



#5 Aldrin

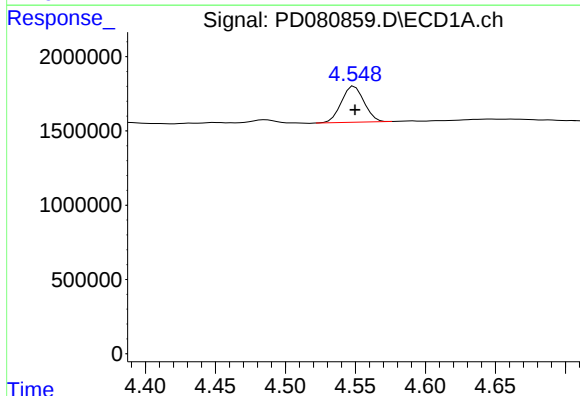
R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 6008587
Conc: 2.45 ng/ml

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



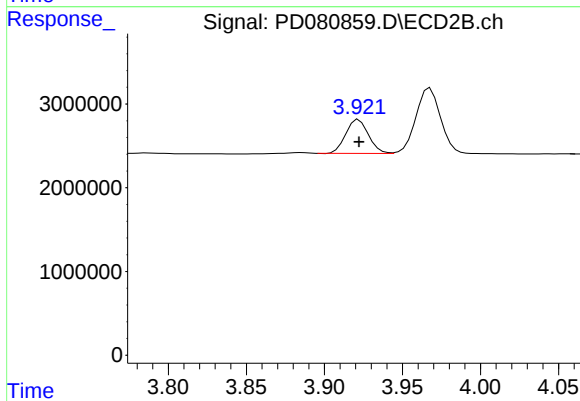
#5 Aldrin

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 8472568
Conc: 2.33 ng/ml



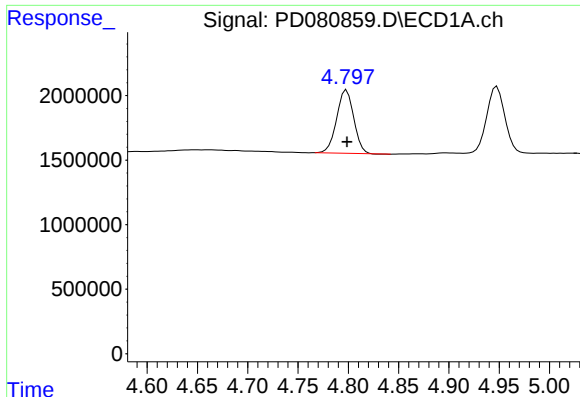
#6 beta-BHC

R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 2748935
Conc: 2.72 ng/ml



#6 beta-BHC

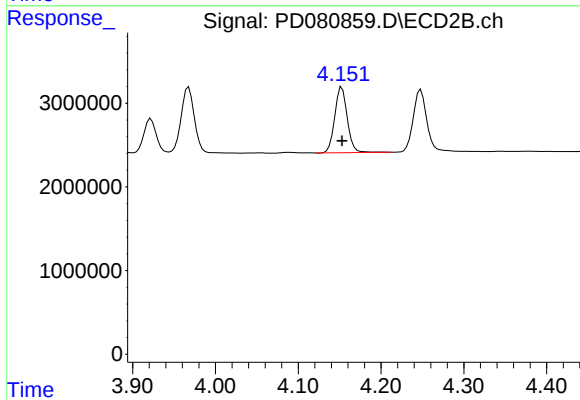
R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 4101910
Conc: 2.63 ng/ml



#7 delta-BHC

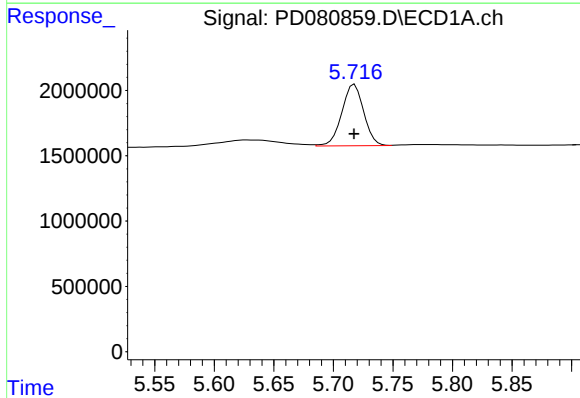
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 5796607
Conc: 2.31 ng/ml

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



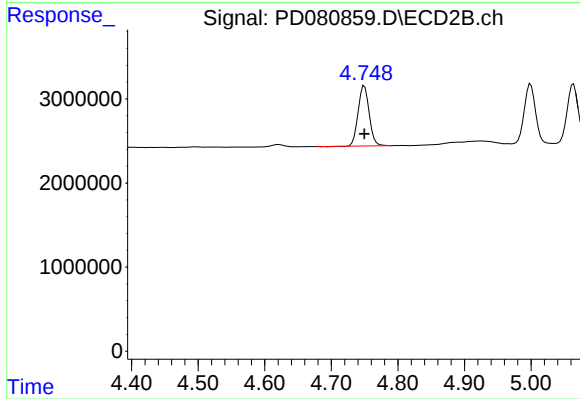
#7 delta-BHC

R.T.: 4.153 min
Delta R.T.: 0.000 min
Response: 8252857
Conc: 2.20 ng/ml



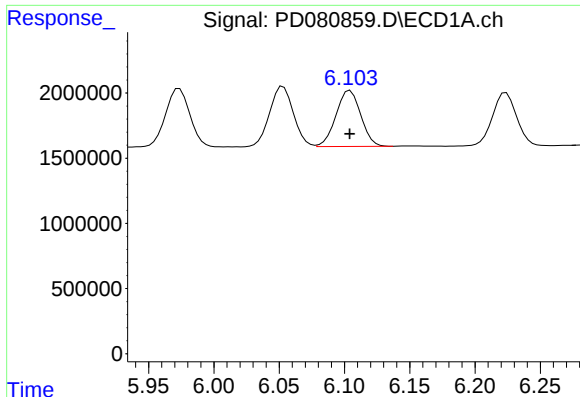
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 6044218
Conc: 2.70 ng/ml



#8 Heptachlor epoxide

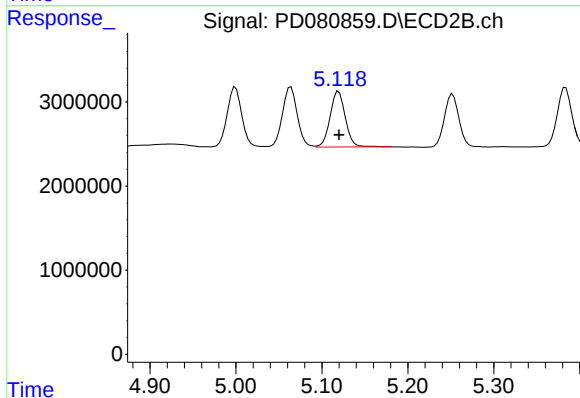
R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 8244692
Conc: 2.46 ng/ml



#9 Endosulfan I

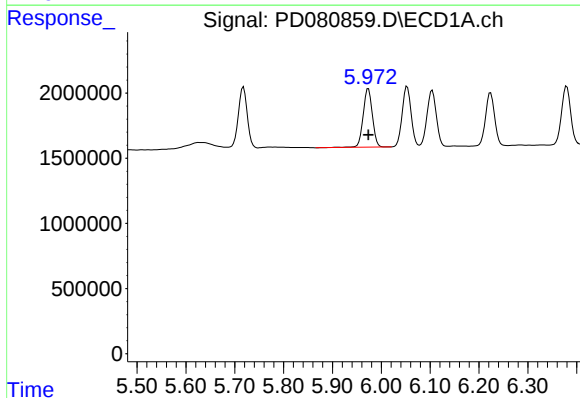
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 5673378
Conc: 2.74 ng/ml

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



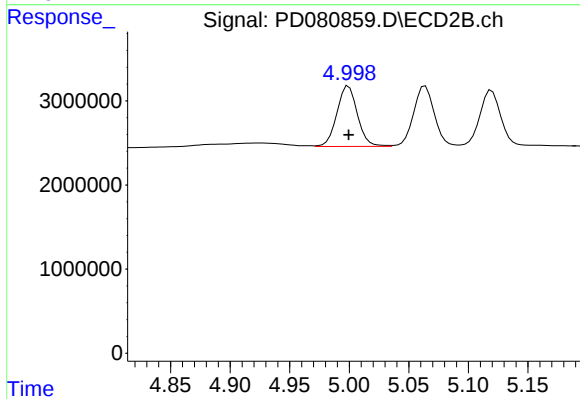
#9 Endosulfan I

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 8150616
Conc: 2.66 ng/ml



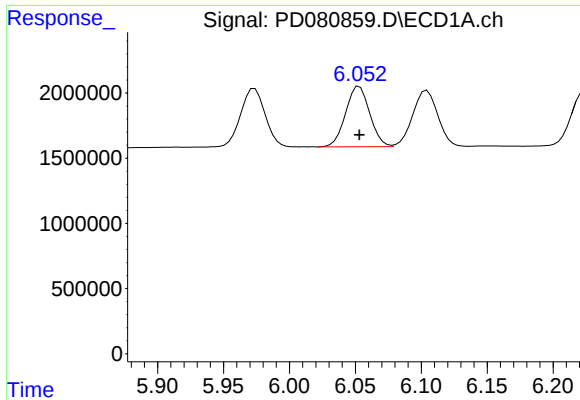
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 5910565
Conc: 2.70 ng/ml



#10 gamma-Chlordane

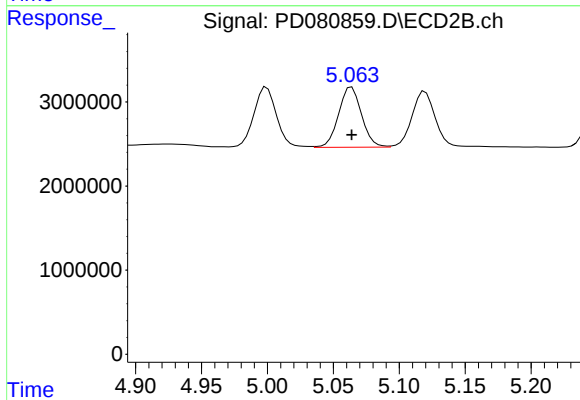
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 8645297
Conc: 2.64 ng/ml



#11 alpha-Chlordane

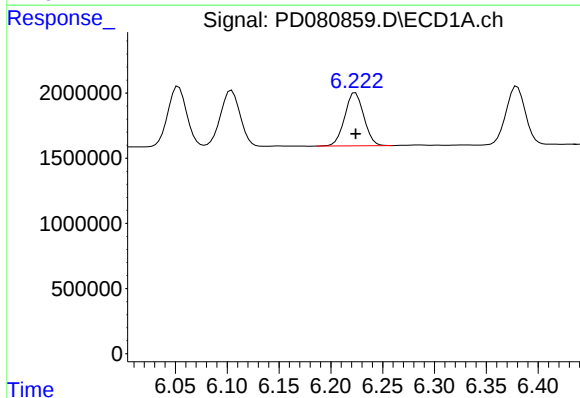
R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 5883621
Conc: 2.70 ng/ml

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



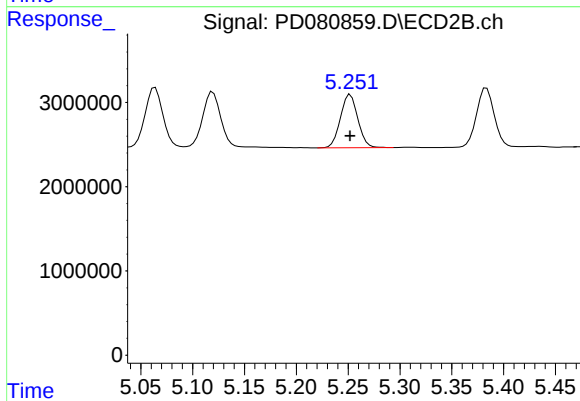
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 8681660
Conc: 2.66 ng/ml



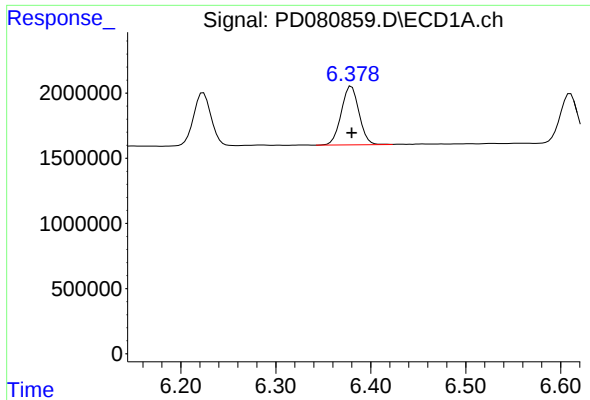
#12 4,4'-DDE

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 5245101
Conc: 2.58 ng/ml



#12 4,4'-DDE

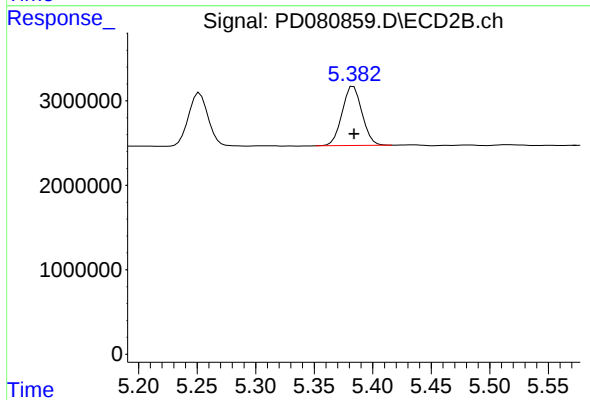
R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 7391273
Conc: 2.41 ng/ml



#13 Dieldrin

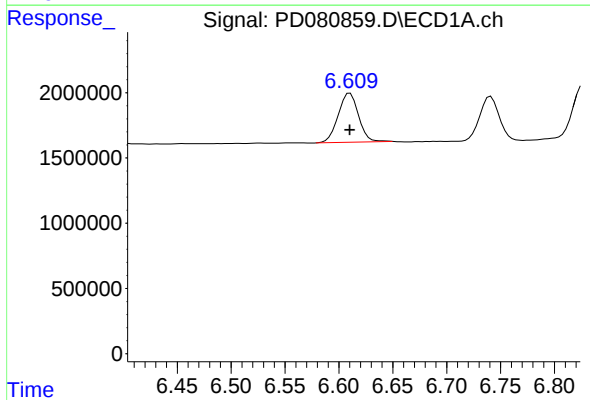
R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 5864283
Conc: 2.65 ng/ml

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



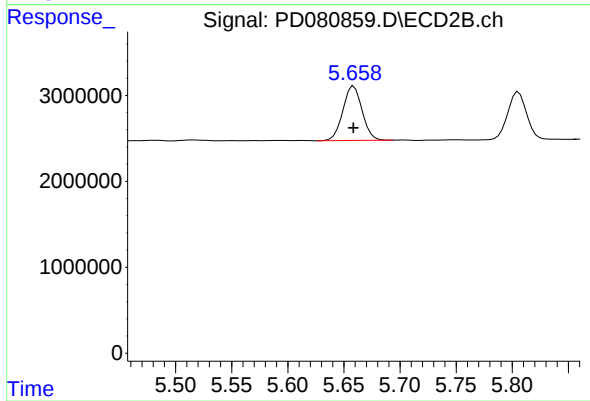
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 8279022
Conc: 2.43 ng/ml



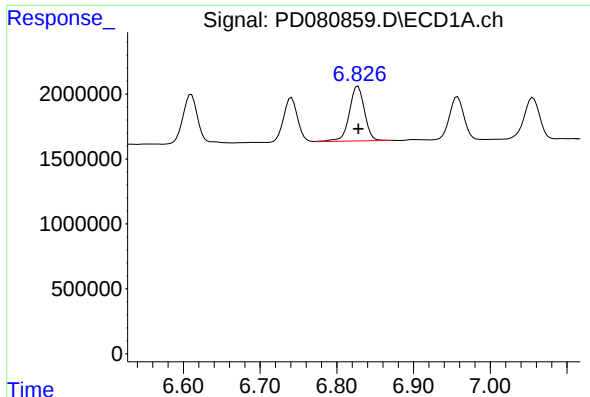
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 4955195
Conc: 2.65 ng/ml



#14 Endrin

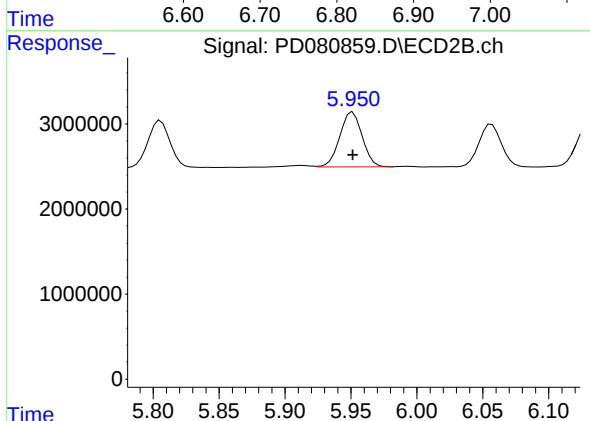
R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 7533964
Conc: 2.54 ng/ml



#15 Endosulfan II

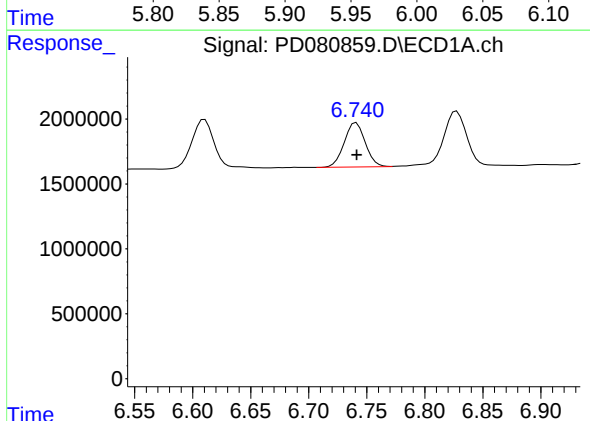
R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 5822399
Conc: 3.01 ng/ml

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



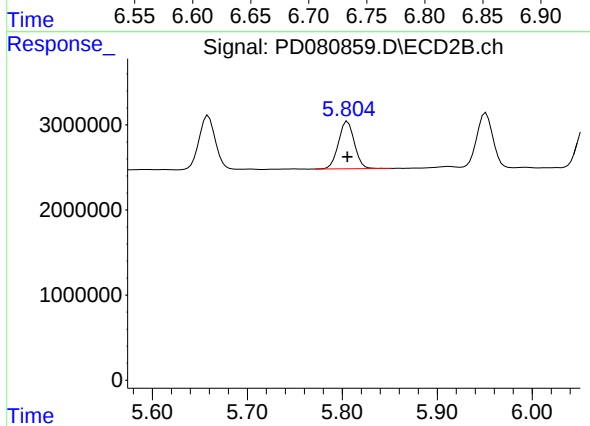
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 7621630
Conc: 2.65 ng/ml



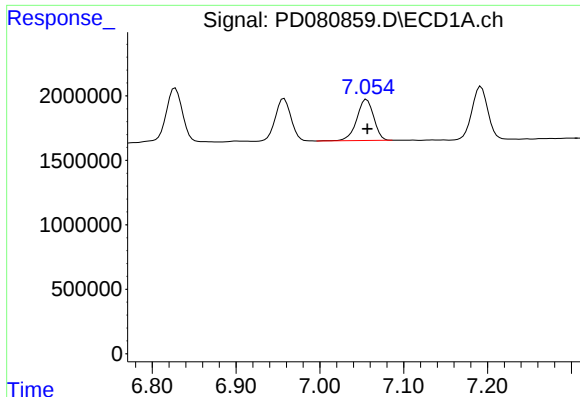
#16 4,4'-DDD

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 4292642
Conc: 2.61 ng/ml



#16 4,4'-DDD

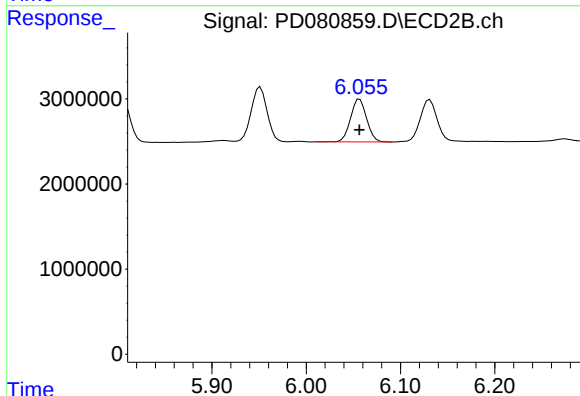
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 6518553
Conc: 2.48 ng/ml



#17 4,4'-DDT

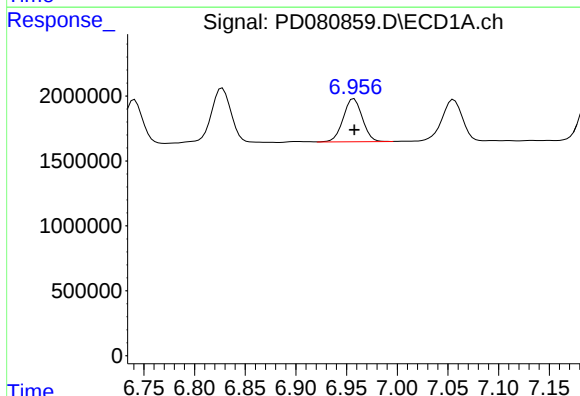
R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 4479241
Conc: 2.52 ng/ml

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



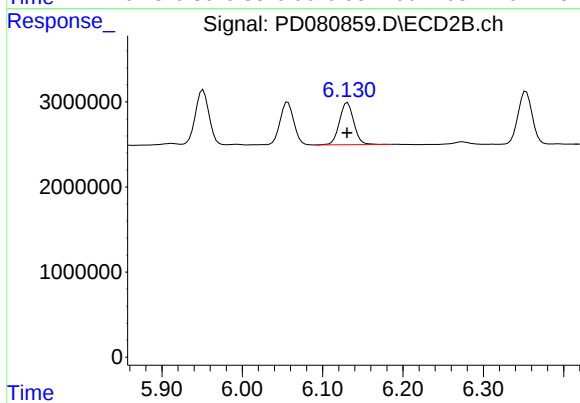
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 5959551
Conc: 2.25 ng/ml



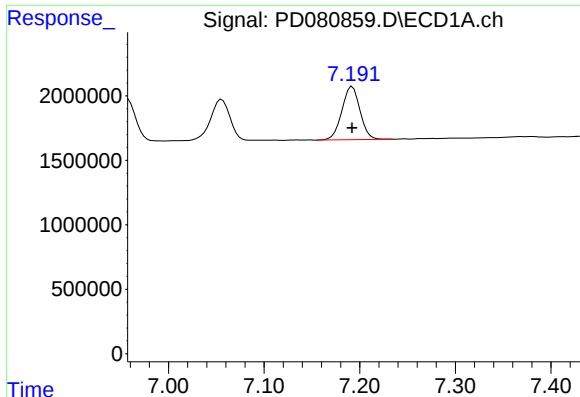
#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: 0.000 min
Response: 4335550
Conc: 2.85 ng/ml



#18 Endrin aldehyde

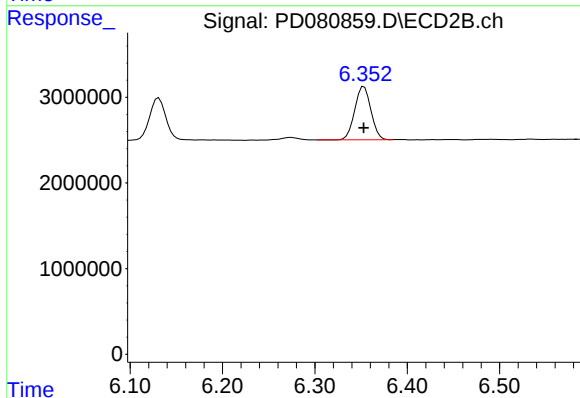
R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 6127195
Conc: 2.72 ng/ml



#19 Endosulfan Sulfate

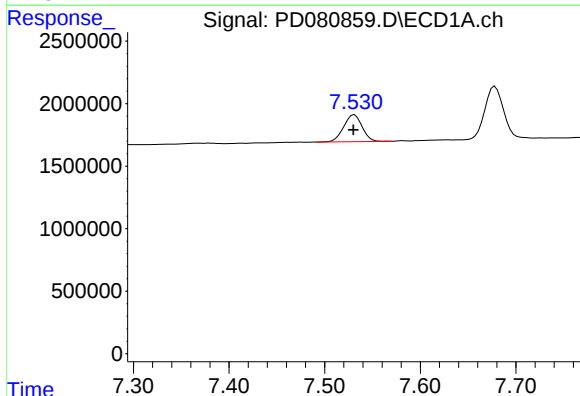
R.T.: 7.192 min
Delta R.T.: 0.000 min
Response: 5452139
Conc: 2.87 ng/ml

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



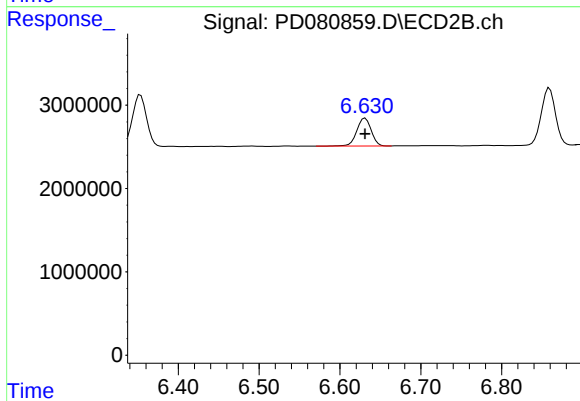
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 7553394
Conc: 2.71 ng/ml



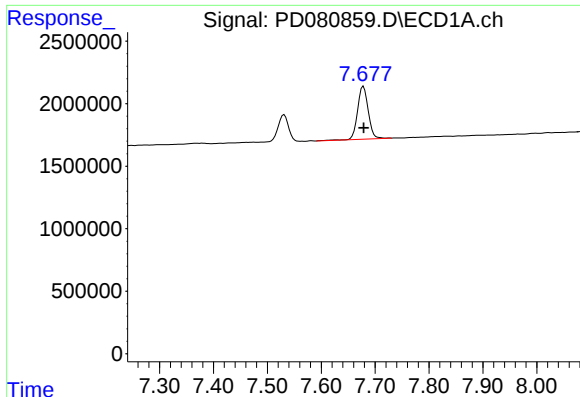
#20 Methoxychlor

R.T.: 7.531 min
Delta R.T.: 0.001 min
Response: 2906016
Conc: 2.82 ng/ml



#20 Methoxychlor

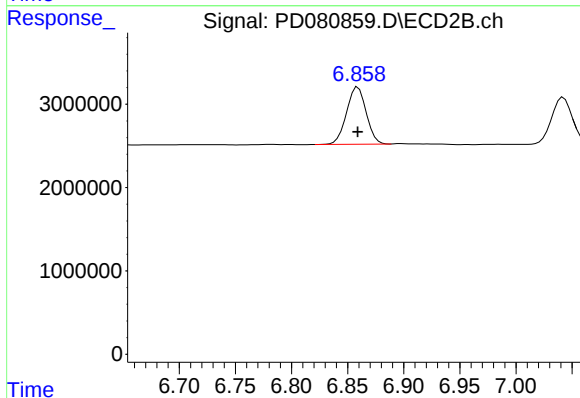
R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 4156835
Conc: 2.66 ng/ml



#21 Endrin ketone

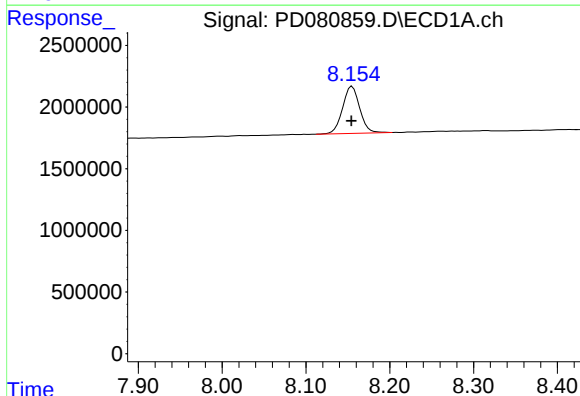
R.T.: 7.678 min
Delta R.T.: 0.000 min
Response: 5860299
Conc: 2.80 ng/ml

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



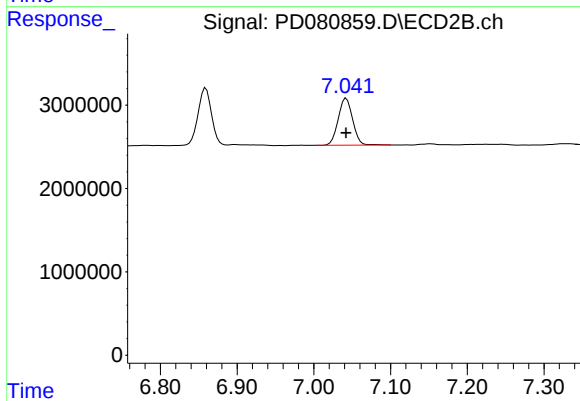
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 8340080
Conc: 2.58 ng/ml



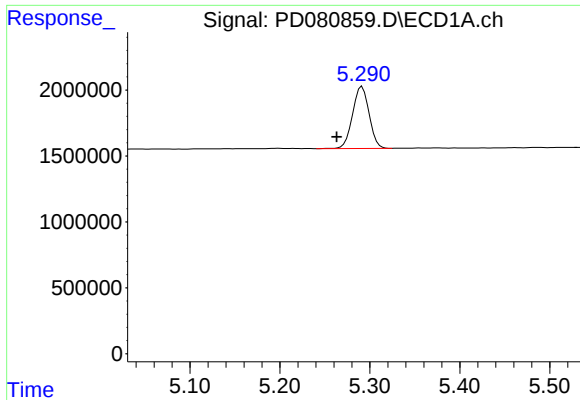
#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.000 min
Response: 5430744
Conc: 3.29 ng/ml



#22 Mirex

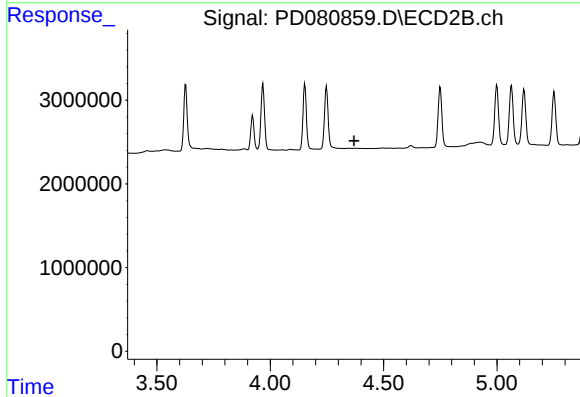
R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 7368585
Conc: 2.92 ng/ml



#24 Chlordane-2

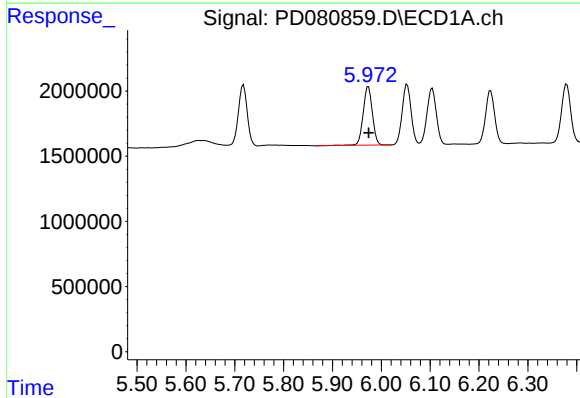
R.T.: 5.291 min
Delta R.T.: 0.028 min
Response: 6008587
Conc: 72.58 ng/ml

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



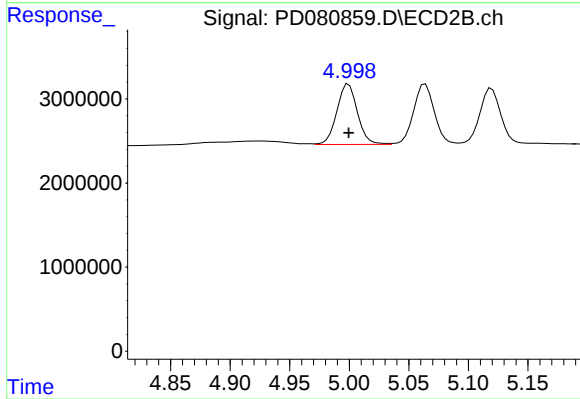
#24 Chlordane-2

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



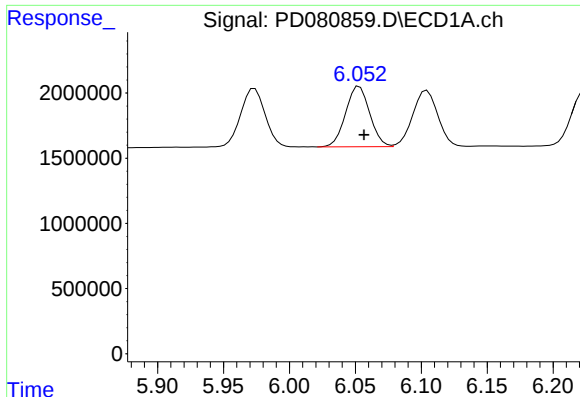
#25 Chlordane-3

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 5910565
Conc: 18.72 ng/ml



#25 Chlordane-3

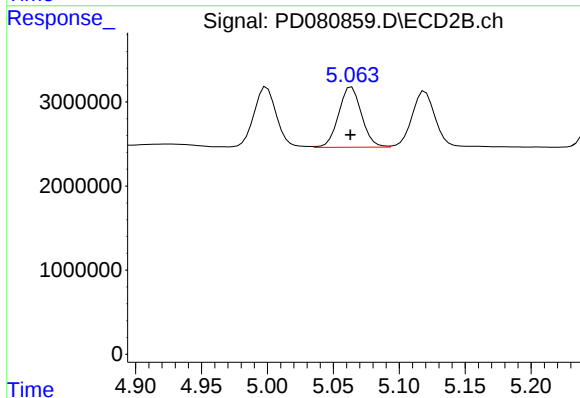
R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 8645297
Conc: 25.76 ng/ml



#26 Chlordane-4

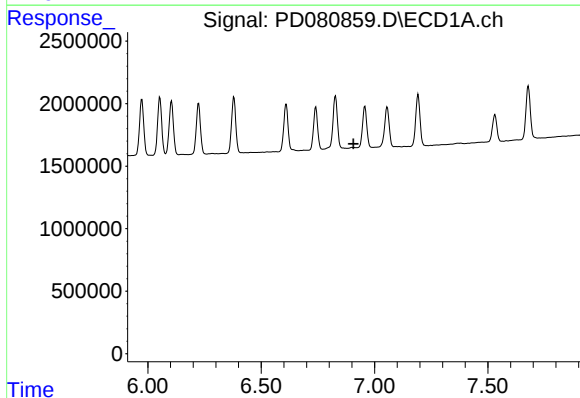
R.T.: 6.053 min
Delta R.T.: -0.004 min
Response: 5883621
Conc: 15.45 ng/ml

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



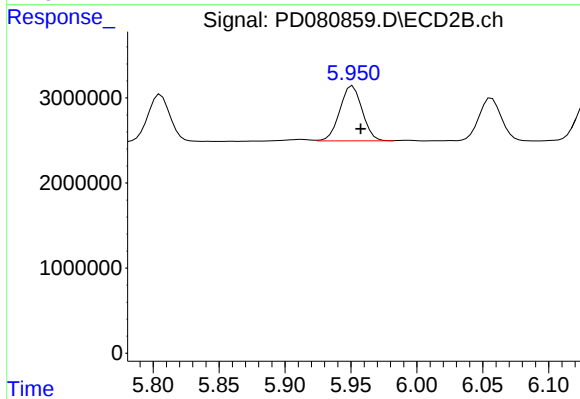
#26 Chlordane-4

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 8681660
Conc: 27.33 ng/ml



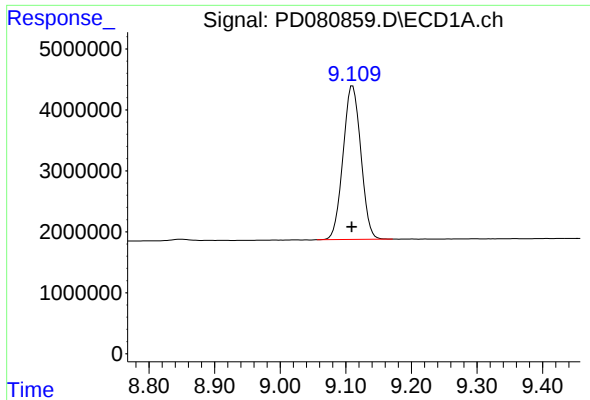
#27 Chlordane-5

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



#27 Chlordane-5

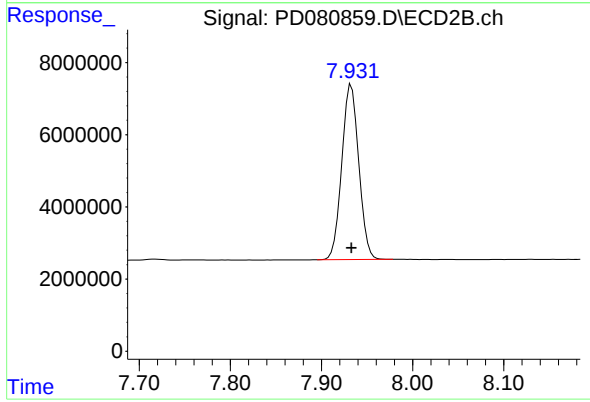
R.T.: 5.951 min
Delta R.T.: -0.006 min
Response: 7621630
Conc: 62.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.110 min
Delta R.T.: 0.001 min
Response: 47476262
Conc: 23.59 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: 62851850
Conc: 23.60 ng/ml