

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
 Data File : PD056994.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2020 09:49
 Operator : AJ\MA
 Sample : L1161-01
 Misc : LOD 2.5 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 04:08:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 20 05:43:46 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.285	3.959	17885010	35127369	21.657	21.467
28)	SA Decachlor...	7.955	8.994	20843971	34593824	21.507	20.755
Target Compounds							
2)	A alpha-BHC	3.712	4.346	2922091	5559560	2.237	2.197
3)	MA gamma-BHC...	3.987	4.628	5584767	5342940	4.188	2.187 #
4)	MA Heptachlor	4.271	5.134	2695714	5847179	2.311	2.444
5)	MB Aldrin	4.510	5.438	2870718	5563477	2.470	2.454
6)	B beta-BHC	4.236	4.798	904043	2537553	1.750	2.412 #
7)	B delta-BHC	4.431	5.013	2638661	2963891	2.118	1.325 #
8)	B Heptachlo...	4.946	5.821	2810817	5392021	2.618	2.483
9)	A Endosulfan I	5.277	6.177	2619962	5601331	2.666	2.761
10)	B gamma-Chl...	5.168	6.055	2891982	8841967	2.663	3.971 #
11)	B alpha-Chl...	5.225	6.127	2828925	6484419	2.613	2.913
12)	B 4,4'-DDE	5.394	6.284	2511469	4738233	2.659	2.372
13)	MA Dieldrin	5.517	6.432	2659002	5178931	2.496	2.418
14)	MA Endrin	5.770	6.649	2288368	4165290	2.574	2.420
15)	B Endosulfa...	6.043	6.858	3037085	4953569	3.132	2.596
16)	A 4,4'-DDD	5.904	6.772	2514749	3936969	2.999	2.340
17)	MA 4,4'-DDT	6.140	7.070	946724	2974626	1.315	1.932 #
18)	B Endrin al...	6.211	6.981	3603147	4115490	4.261	2.495 #
19)	B Endosulfa...	6.422	7.204	2262247	4548791	2.469	2.484
20)	A Methoxychlor	6.688	7.527	1039324	1965585	2.649	2.228
21)	B Endrin ke...	6.905	7.672	2436487	5024589	2.217	2.445
22)	Mirex	7.080	8.125	3051978	4225078	3.632	2.885
24)	Chlordane-2	0.000	5.438f	0	5563477	N.D.	81.105 #
25)	Chlordane-3	5.168	6.055	2891982	8841967	29.533	31.338
26)	Chlordane-4	5.225	6.127	2828925	6484419	32.530	19.203 #
27)	Chlordane-5	6.043	0.000	3037085	0	87.780	N.D. #

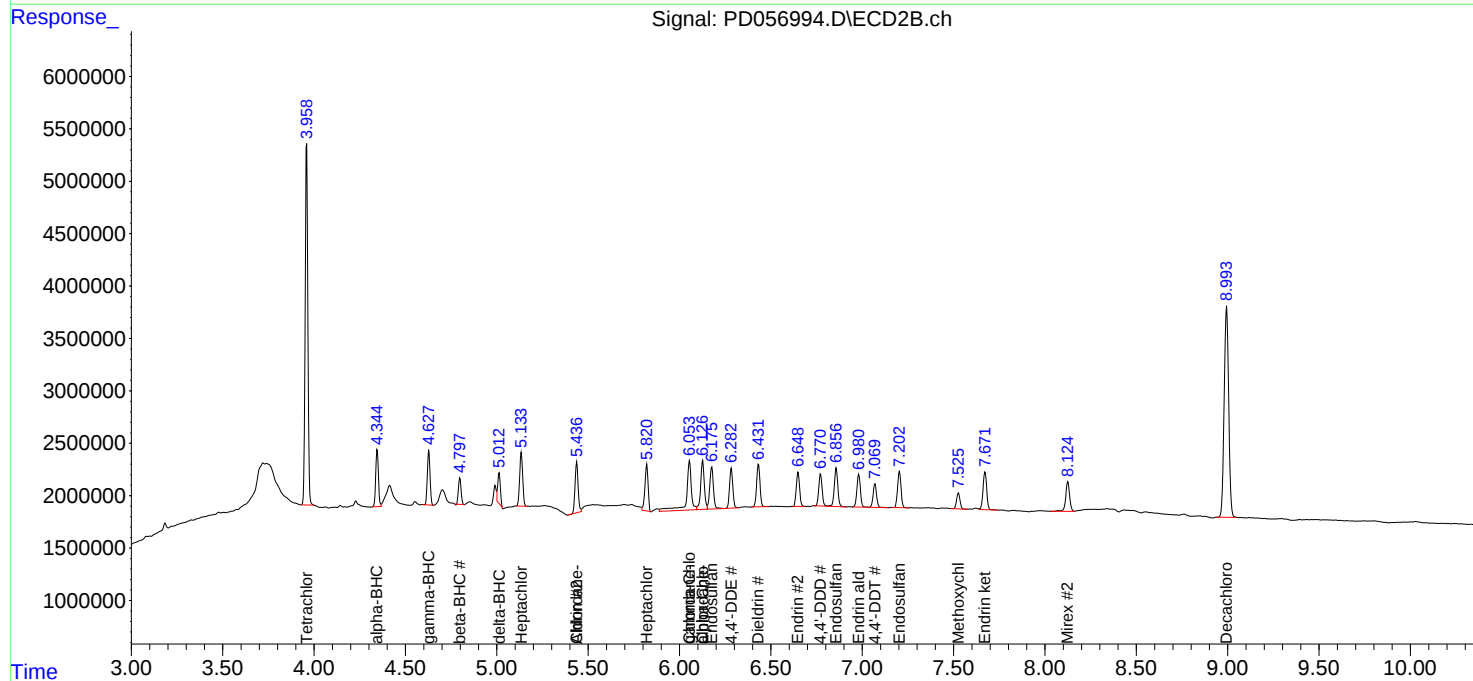
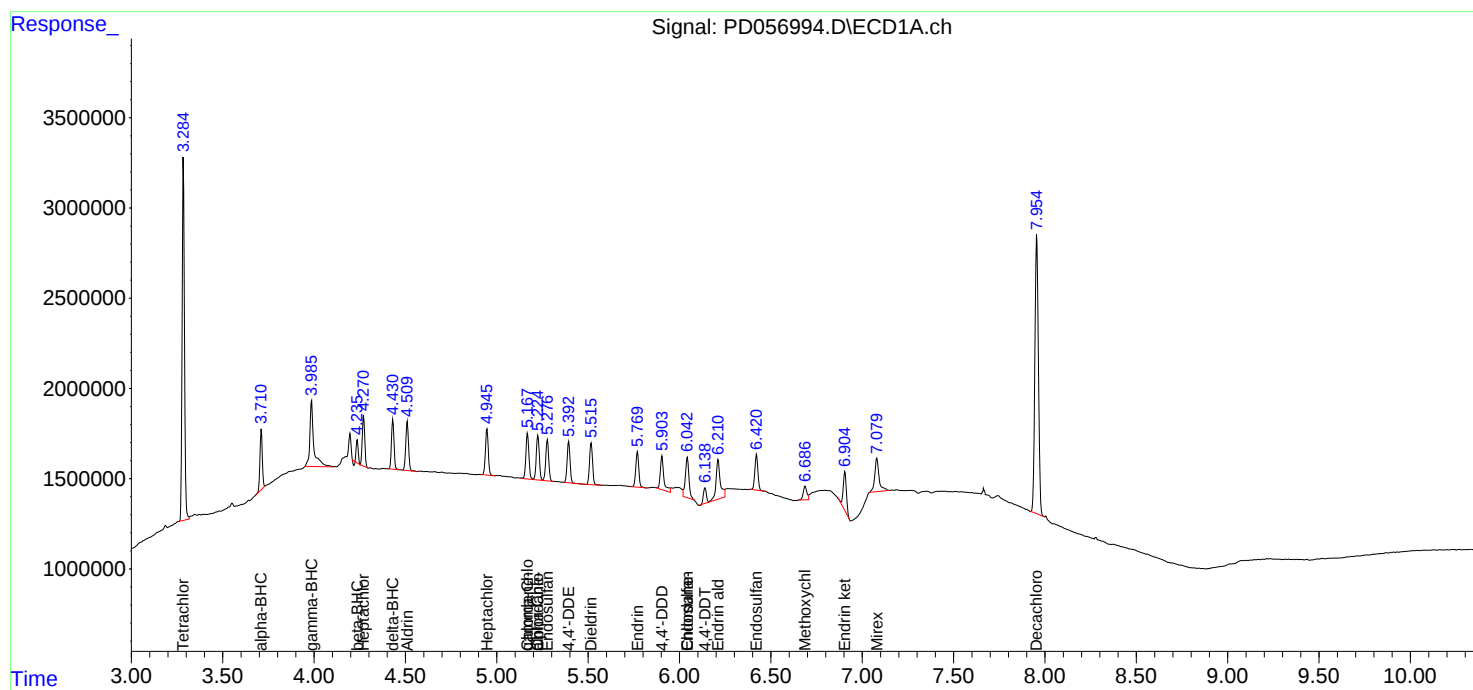
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

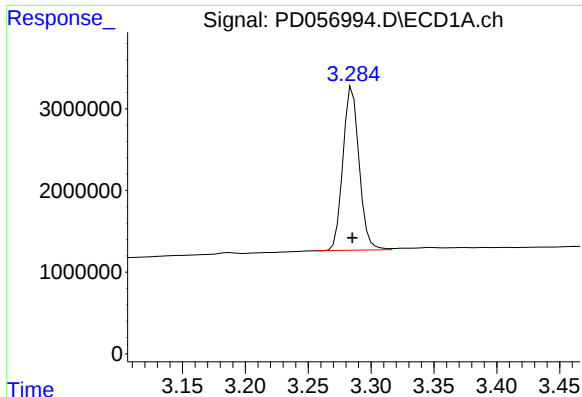
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012020\
Data File : PD056994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2020 09:49
Operator : AJ\MA
Sample : L1161-01
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ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 04:08:33 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
Quant Title : GC Extractables
QLast Update : Mon Jan 20 05:43:46 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

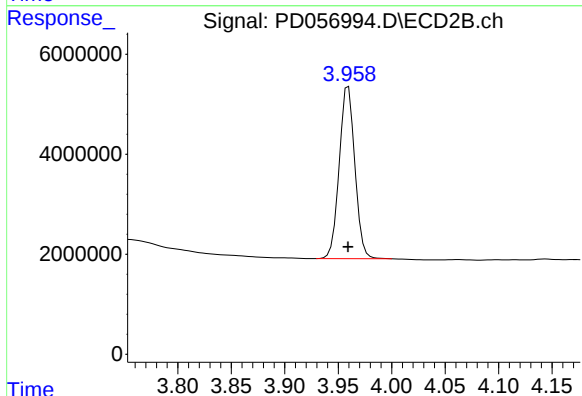




#1 Tetrachloro-m-xylene

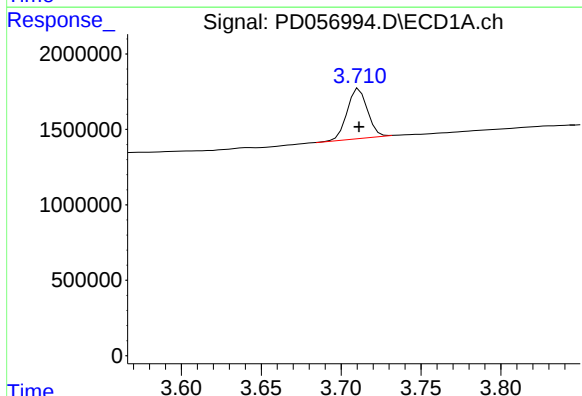
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 17885010
Conc: 21.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



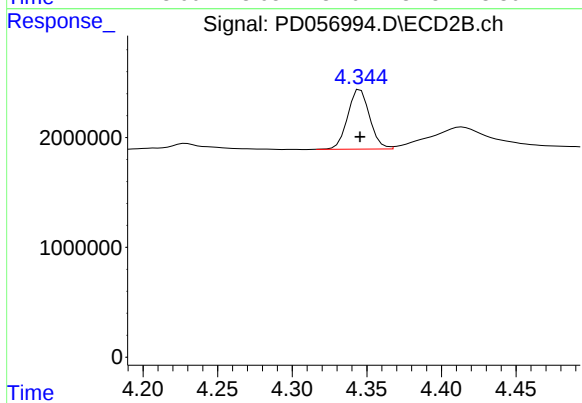
#1 Tetrachloro-m-xylene

R.T.: 3.959 min
Delta R.T.: 0.000 min
Response: 35127369
Conc: 21.47 ng/ml



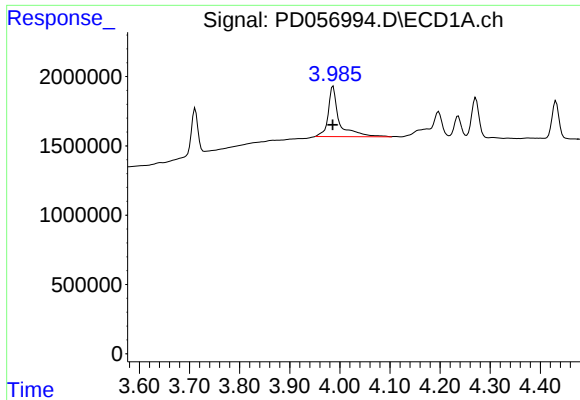
#2 alpha-BHC

R.T.: 3.712 min
Delta R.T.: 0.000 min
Response: 2922091
Conc: 2.24 ng/ml



#2 alpha-BHC

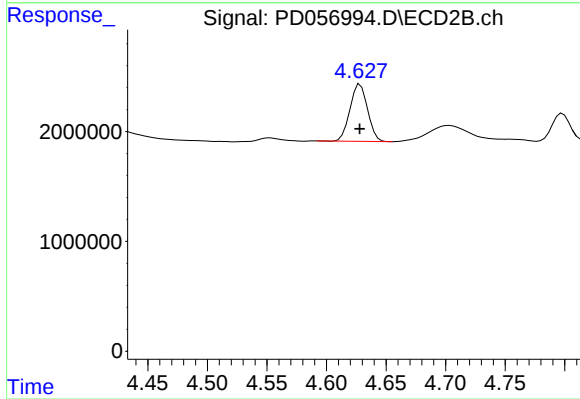
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 5559560
Conc: 2.20 ng/ml



#3 gamma-BHC (Lindane)

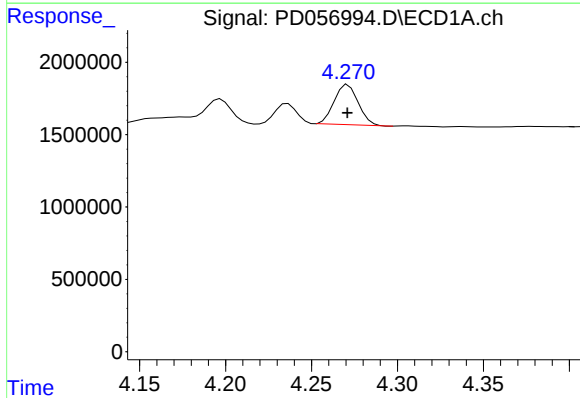
R.T.: 3.987 min
Delta R.T.: 0.000 min
Response: 5584767
Conc: 4.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



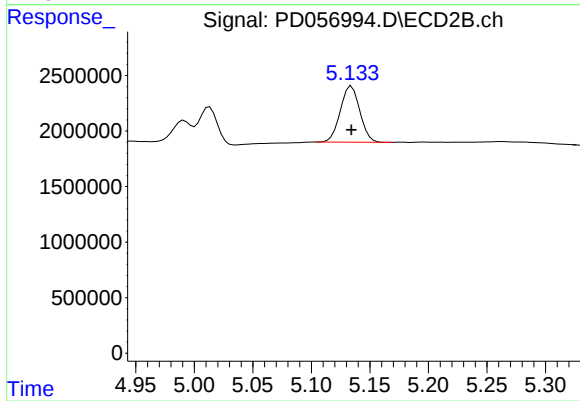
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 5342940
Conc: 2.19 ng/ml



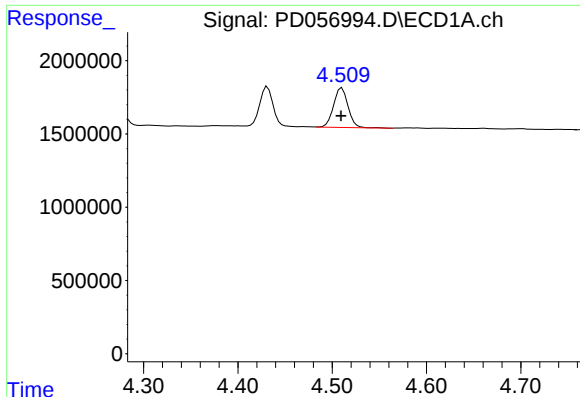
#4 Heptachlor

R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 2695714
Conc: 2.31 ng/ml



#4 Heptachlor

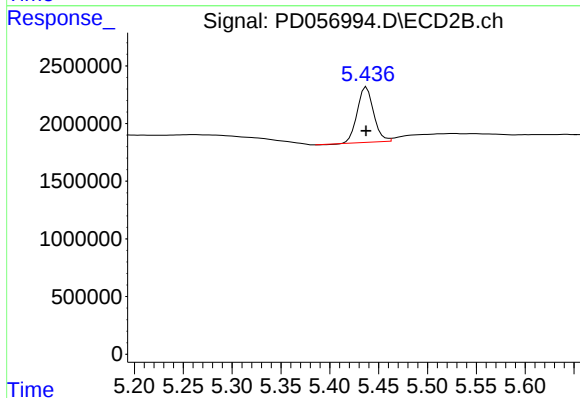
R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 5847179
Conc: 2.44 ng/ml



#5 Aldrin

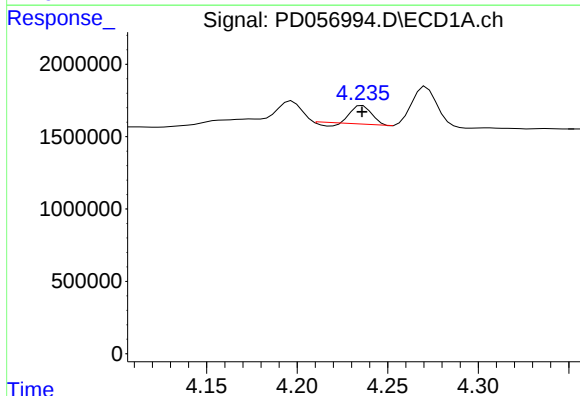
R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 2870718
Conc: 2.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



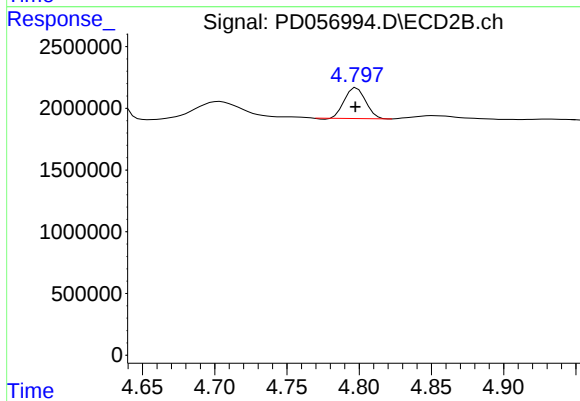
#5 Aldrin

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 5563477
Conc: 2.45 ng/ml



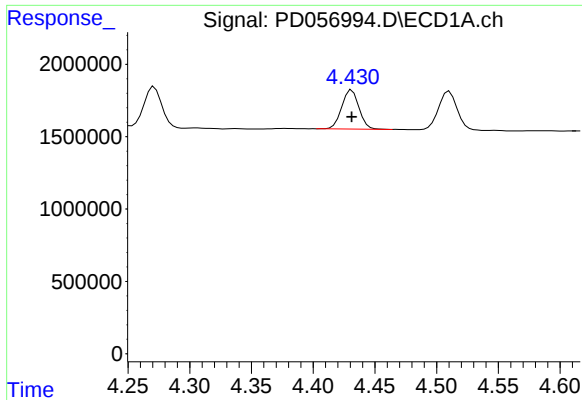
#6 beta-BHC

R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 904043
Conc: 1.75 ng/ml



#6 beta-BHC

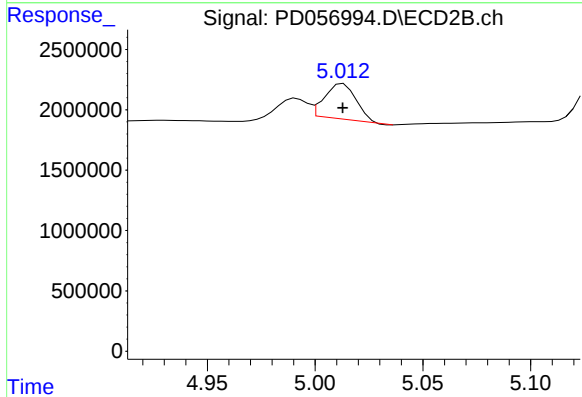
R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 2537553
Conc: 2.41 ng/ml



#7 delta-BHC

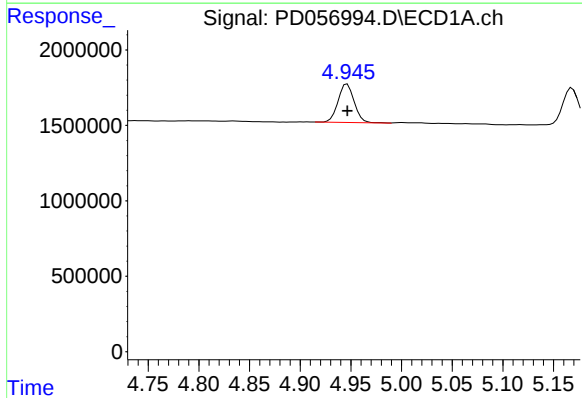
R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 2638661
Conc: 2.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



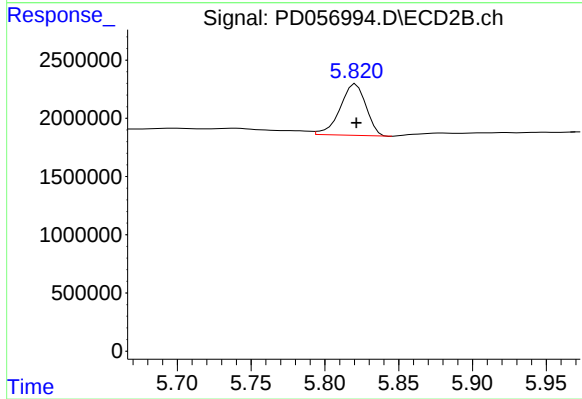
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 2963891
Conc: 1.33 ng/ml



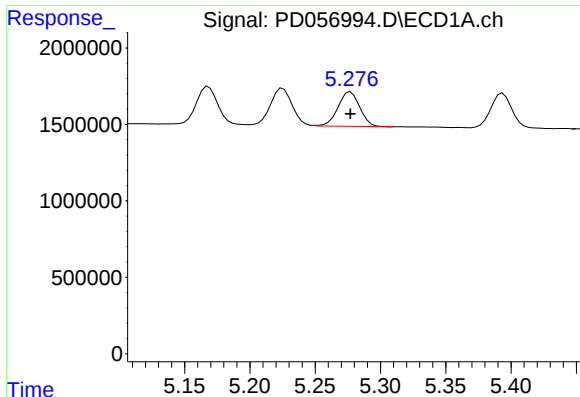
#8 Heptachlor epoxide

R.T.: 4.946 min
Delta R.T.: 0.000 min
Response: 2810817
Conc: 2.62 ng/ml



#8 Heptachlor epoxide

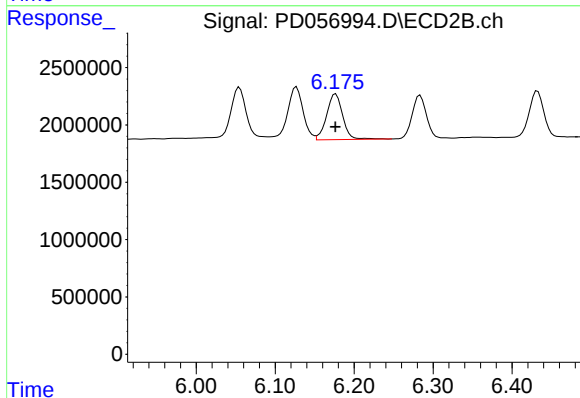
R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 5392021
Conc: 2.48 ng/ml



#9 Endosulfan I

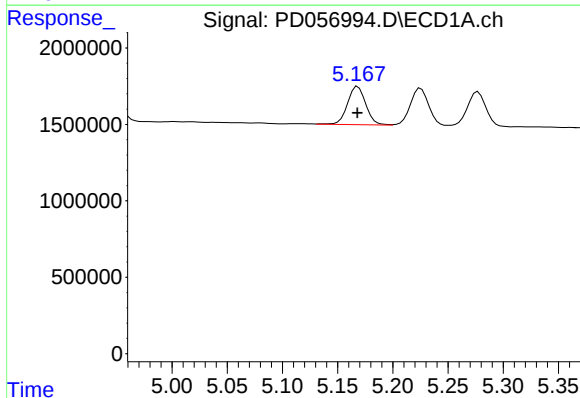
R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 2619962
Conc: 2.67 ng/ml

Instrument :
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LOD-MDL-SOIL-01-QT1-2020



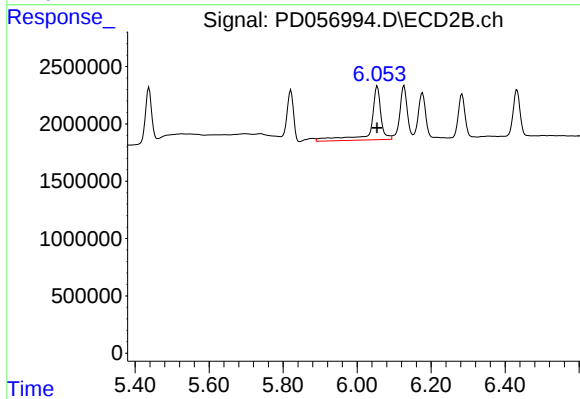
#9 Endosulfan I

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 5601331
Conc: 2.76 ng/ml



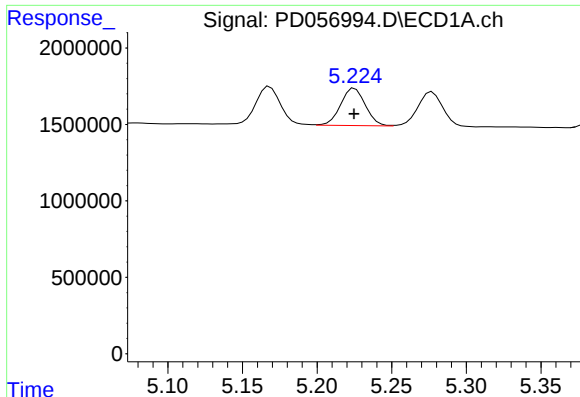
#10 gamma-Chlordane

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 2891982
Conc: 2.66 ng/ml



#10 gamma-Chlordane

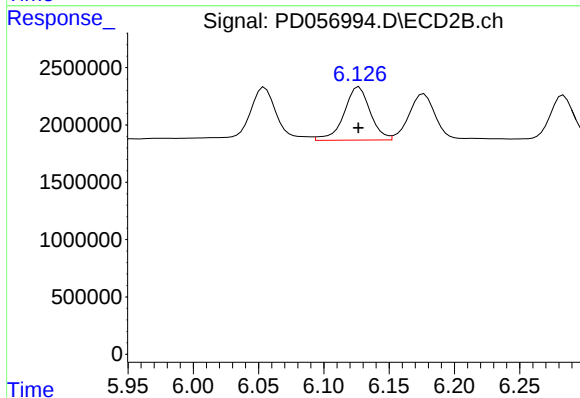
R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 8841967
Conc: 3.97 ng/ml



#11 alpha-Chlordane

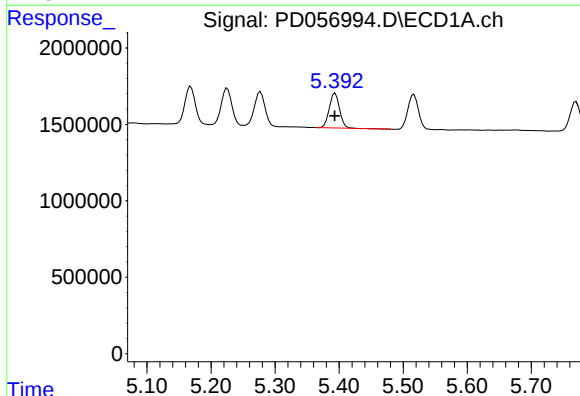
R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 2828925
Conc: 2.61 ng/ml

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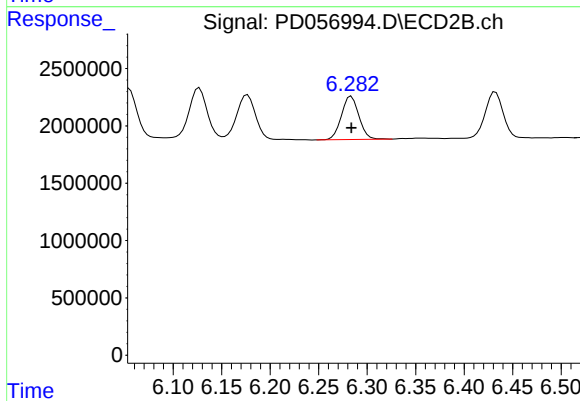
#11 alpha-Chlordane

R.T.: 6.127 min
Delta R.T.: 0.000 min
Response: 6484419
Conc: 2.91 ng/ml



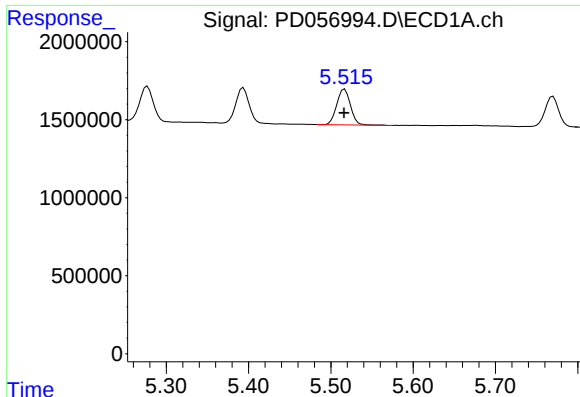
#12 4,4'-DDE

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 2511469
Conc: 2.66 ng/ml



#12 4,4'-DDE

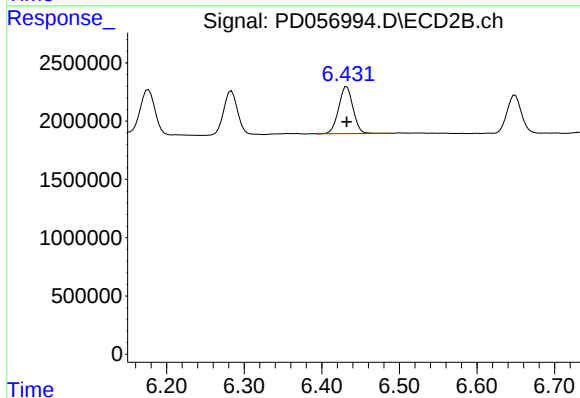
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 4738233
Conc: 2.37 ng/ml



#13 Dieldrin

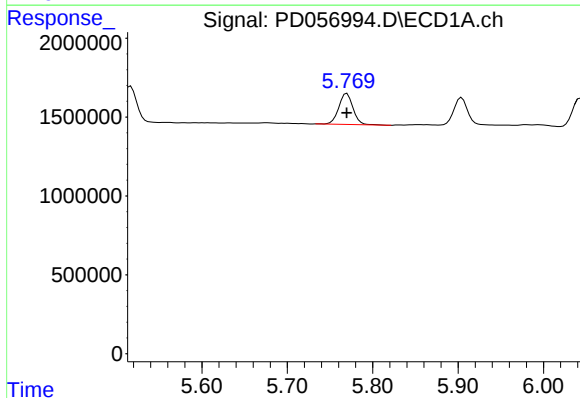
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 2659002
Conc: 2.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



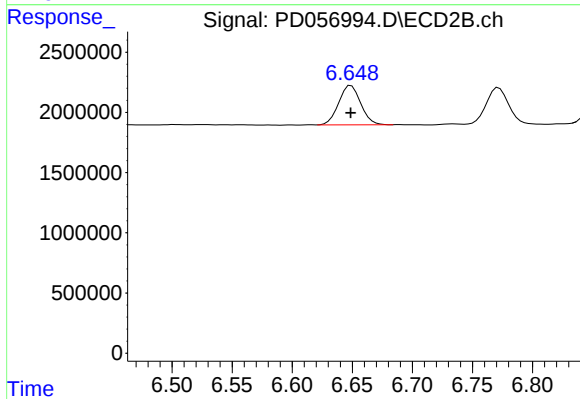
#13 Dieldrin

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 5178931
Conc: 2.42 ng/ml



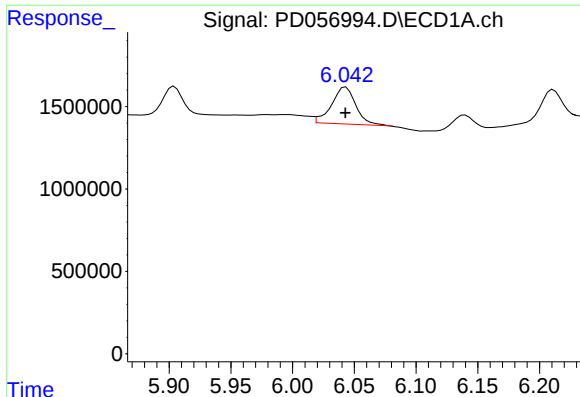
#14 Endrin

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 2288368
Conc: 2.57 ng/ml



#14 Endrin

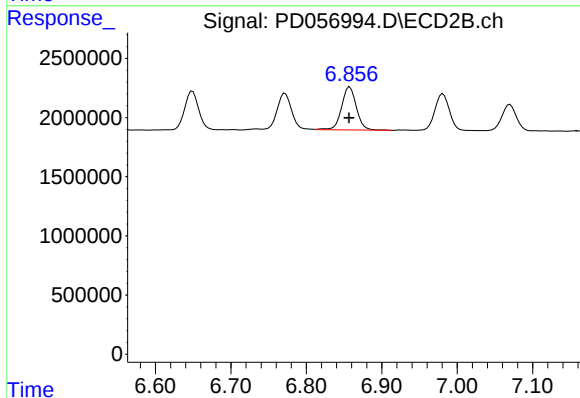
R.T.: 6.649 min
Delta R.T.: 0.000 min
Response: 4165290
Conc: 2.42 ng/ml



#15 Endosulfan II

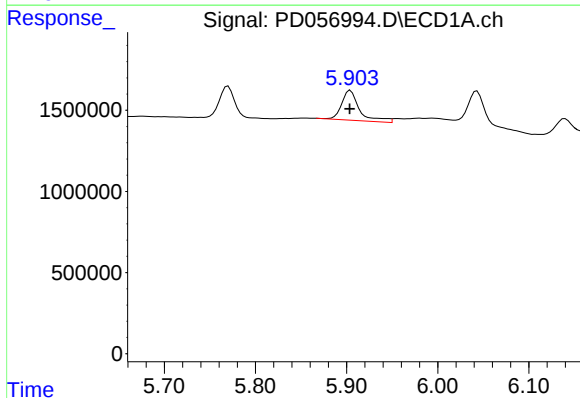
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 3037085
Conc: 3.13 ng/ml

Instrument :
ECD_D
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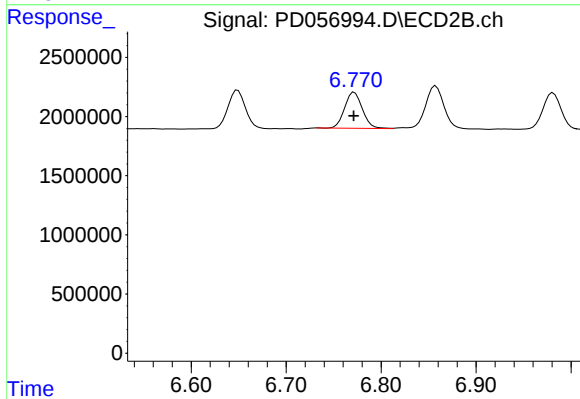
#15 Endosulfan II

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 4953569
Conc: 2.60 ng/ml



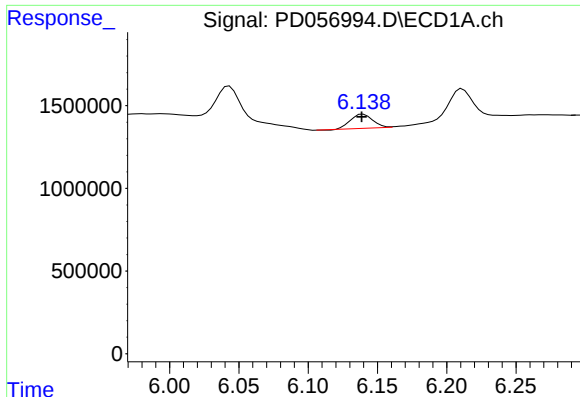
#16 4,4'-DDD

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 2514749
Conc: 3.00 ng/ml



#16 4,4'-DDD

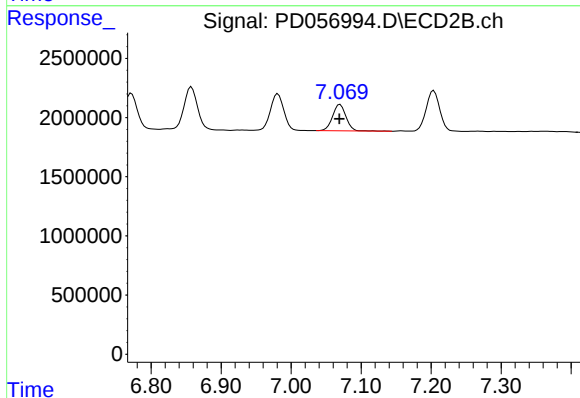
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 3936969
Conc: 2.34 ng/ml



#17 4,4'-DDT

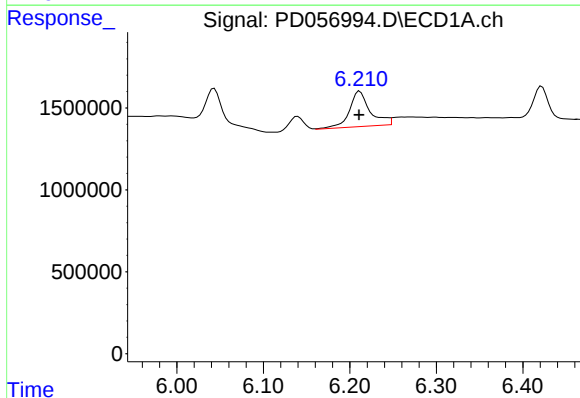
R.T.: 6.140 min
Delta R.T.: 0.001 min
Response: 946724
Conc: 1.31 ng/ml

Instrument :
ECD_D
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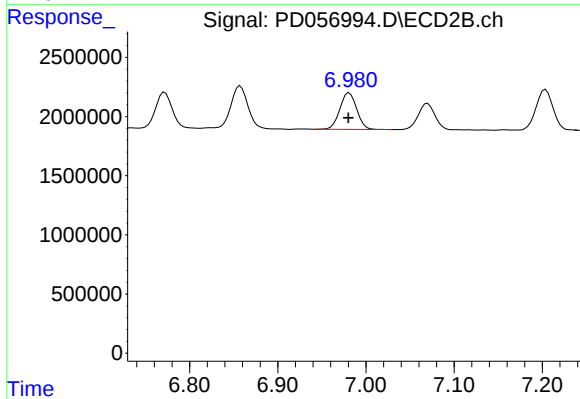
#17 4,4'-DDT

R.T.: 7.070 min
Delta R.T.: 0.001 min
Response: 2974626
Conc: 1.93 ng/ml



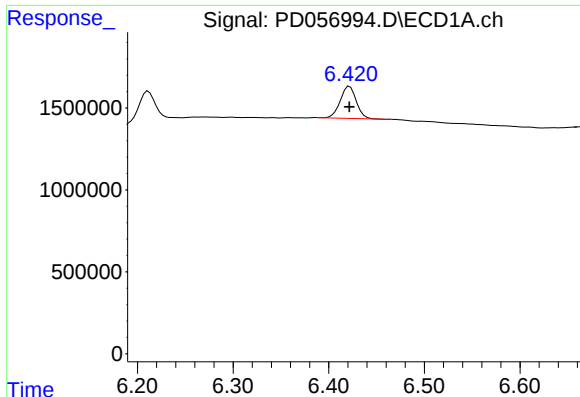
#18 Endrin aldehyde

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 3603147
Conc: 4.26 ng/ml



#18 Endrin aldehyde

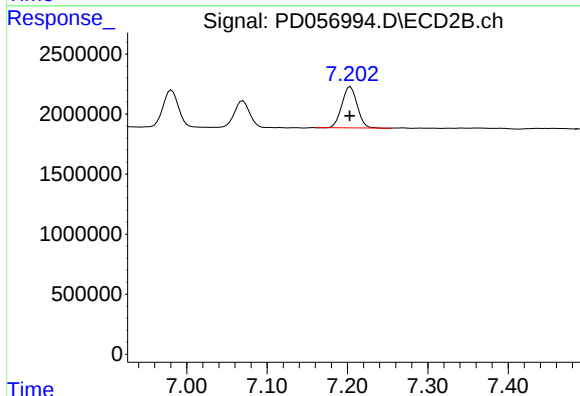
R.T.: 6.981 min
Delta R.T.: 0.001 min
Response: 4115490
Conc: 2.49 ng/ml



#19 Endosulfan Sulfate

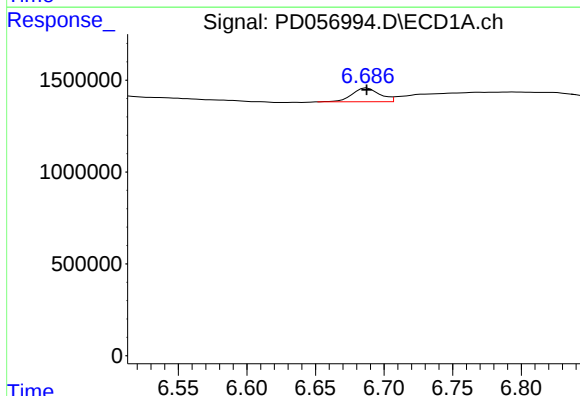
R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 2262247
Conc: 2.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



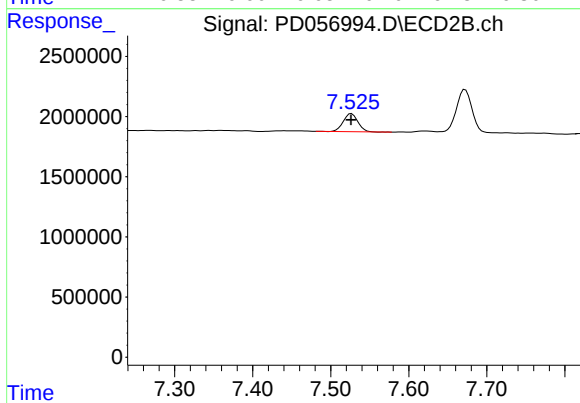
#19 Endosulfan Sulfate

R.T.: 7.204 min
Delta R.T.: 0.001 min
Response: 4548791
Conc: 2.48 ng/ml



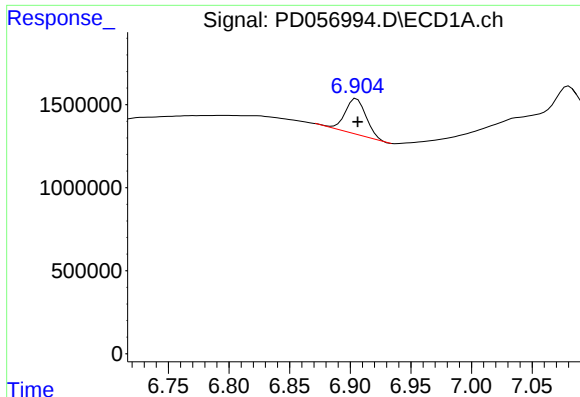
#20 Methoxychlor

R.T.: 6.688 min
Delta R.T.: 0.000 min
Response: 1039324
Conc: 2.65 ng/ml



#20 Methoxychlor

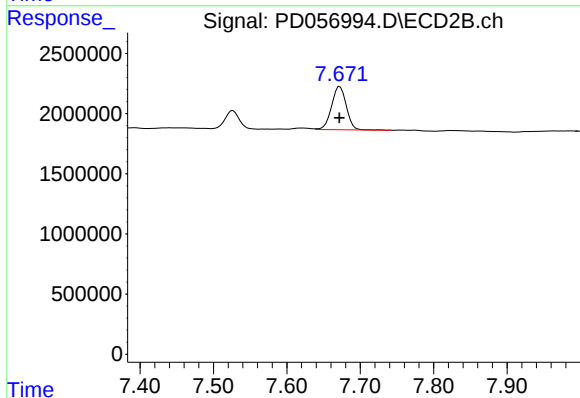
R.T.: 7.527 min
Delta R.T.: 0.000 min
Response: 1965585
Conc: 2.23 ng/ml



#21 Endrin ketone

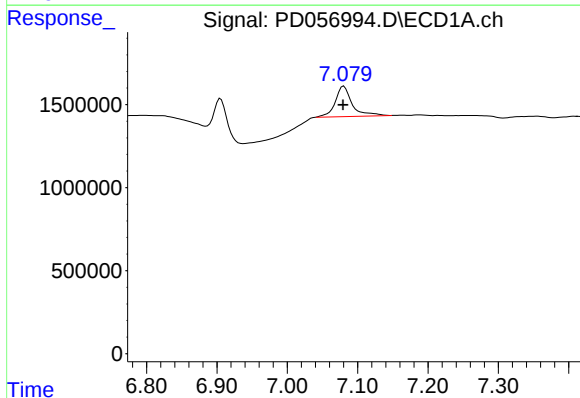
R.T.: 6.905 min
Delta R.T.: -0.001 min
Response: 2436487
Conc: 2.22 ng/ml

Instrument :
ECD_D
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LOD-MDL-SOIL-01-QT1-2020



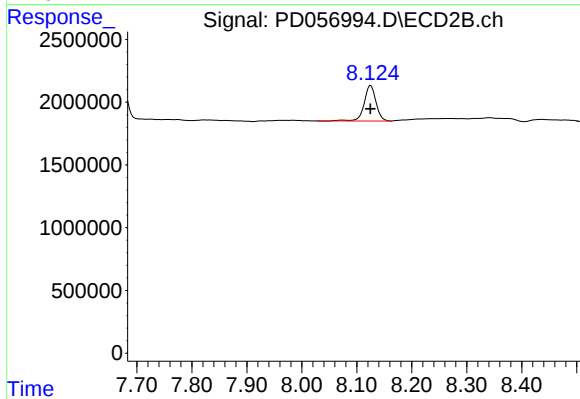
#21 Endrin ketone

R.T.: 7.672 min
Delta R.T.: 0.000 min
Response: 5024589
Conc: 2.44 ng/ml



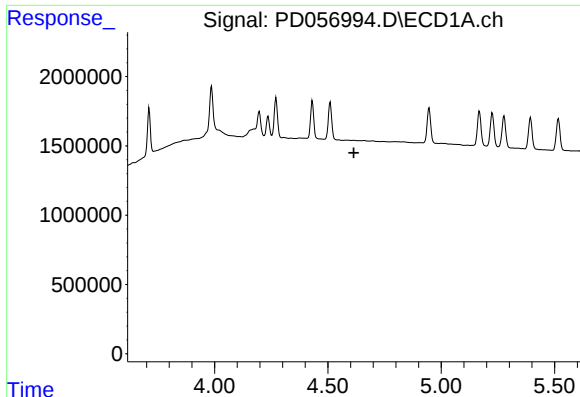
#22 Mirex

R.T.: 7.080 min
Delta R.T.: 0.001 min
Response: 3051978
Conc: 3.63 ng/ml



#22 Mirex

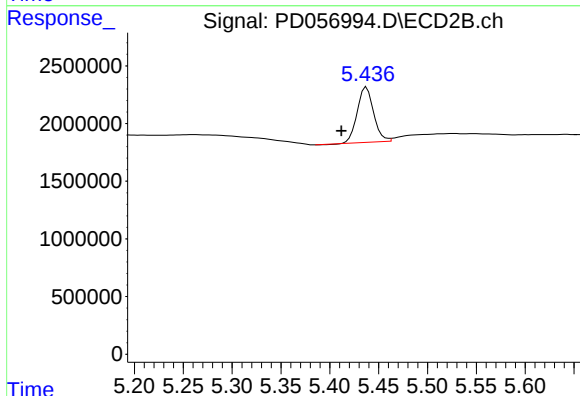
R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 4225078
Conc: 2.88 ng/ml



#24 Chlordane-2

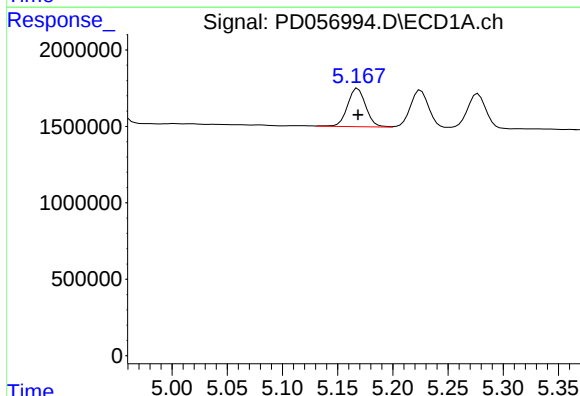
R.T.: 0.000 min
Exp R.T.: 4.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



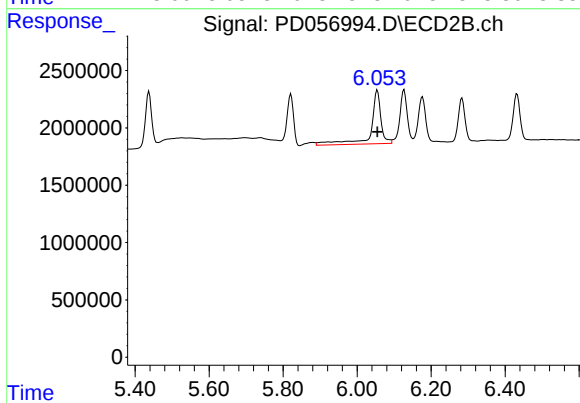
#24 Chlordane-2

R.T.: 5.438 min
Delta R.T.: 0.026 min
Response: 5563477
Conc: 81.11 ng/ml



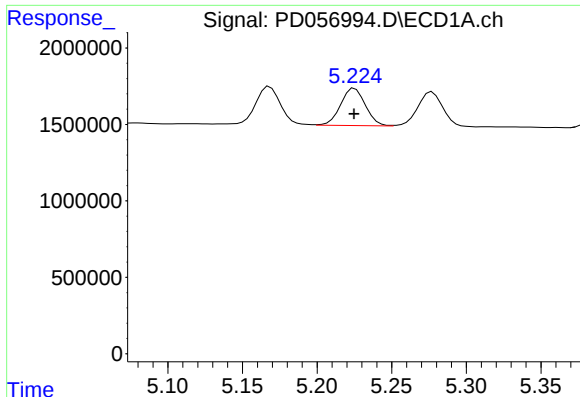
#25 Chlordane-3

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 2891982
Conc: 29.53 ng/ml



#25 Chlordane-3

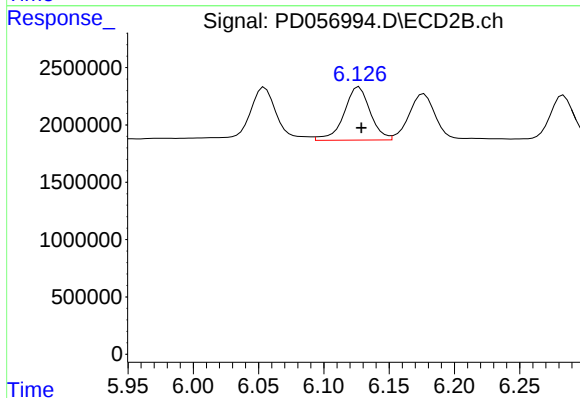
R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 8841967
Conc: 31.34 ng/ml



#26 Chlordane-4

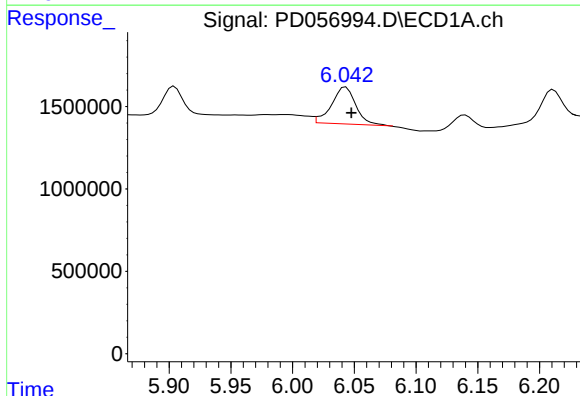
R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 2828925
Conc: 32.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



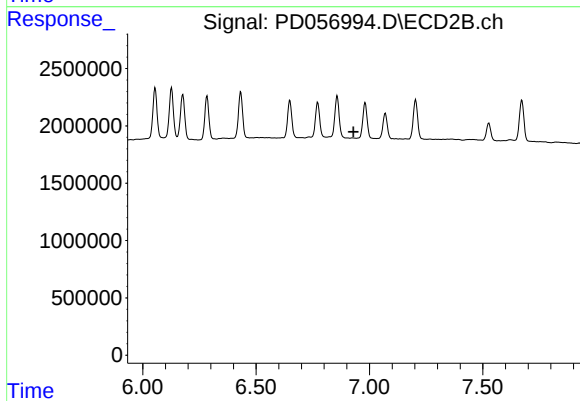
#26 Chlordane-4

R.T.: 6.127 min
Delta R.T.: -0.002 min
Response: 6484419
Conc: 19.20 ng/ml



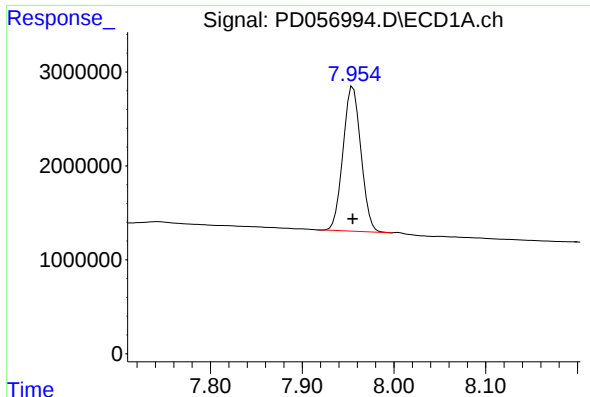
#27 Chlordane-5

R.T.: 6.043 min
Delta R.T.: -0.004 min
Response: 3037085
Conc: 87.78 ng/ml



#27 Chlordane-5

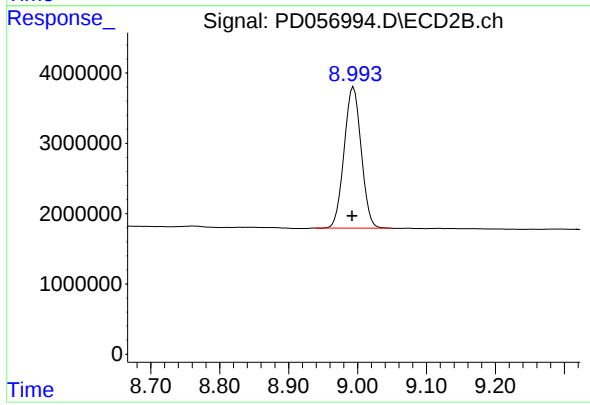
R.T.: 0.000 min
Exp R.T.: 6.930 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 20843971
Conc: 21.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2020



#28 Decachlorobiphenyl

R.T.: 8.994 min
Delta R.T.: 0.002 min
Response: 34593824
Conc: 20.76 ng/ml