

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082625\
 Data File : PD090034.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Aug 2025 15:47
 Operator : AR\AJ
 Sample : Q2941-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL-COMP(1-2)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 27 04:59:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.549	2.878	41335025	551.1E6	14.084	24.994 #
28)	SA Decachlor...	9.072	8.065	33287315	233.8E6	7.713	9.034
Target Compounds							
2)	A alpha-BHC	3.998	3.389	264.6E6	1514.1E6	44.081	44.612
3)	MA gamma-BHC...	4.329	3.726	260.3E6	1265.4E6	45.458	40.594
4)	MA Heptachlor	4.927	4.078	239.9E6	1244.4E6	42.778	39.894
5)	MB Aldrin	5.269	4.364	244.4E6	1242.5E6	45.144	40.798
6)	B beta-BHC	4.515	4.022	89821353	579.5E6	40.045	43.476
7)	B delta-BHC	4.763	4.258	199.0E6	1051.4E6	38.439	33.326
8)	B Heptachlo...	5.689	4.868	217.1E6	1139.7E6	44.254	41.151
9)	A Endosulfan I	6.072	5.243	212.8E6	1050.4E6	46.115	40.060
10)	B gamma-Chl...	5.944	5.120	207.6E6	1259.3E6	42.442	42.529
11)	B alpha-Chl...	6.025	5.185	219.3E6	1210.3E6	44.549	42.411
12)	B 4,4'-DDE	6.195	5.370	181.9E6	1181.9E6	41.449	41.007
13)	MA Dieldrin	6.345	5.508	219.3E6	1275.5E6	44.798	43.552
14)	MA Endrin	6.573	5.785	192.7E6	1085.7E6	46.515	40.766
15)	B Endosulfa...	6.785	6.076	186.0E6	1054.6E6	44.085	41.693
16)	A 4,4'-DDD	6.704	5.924	157.6E6	923.0E6	45.572	38.389
17)	MA 4,4'-DDT	7.020	6.178	160.1E6	943.5E6	42.016	37.637
18)	B Endrin al...	6.914	6.254	124.7E6	688.5E6	43.488	39.982
19)	B Endosulfa...	7.149	6.477	166.6E6	940.5E6	42.511	38.577
20)	A Methoxychlor	7.492	6.749	66667860	484.5E6	33.241	37.574
21)	B Endrin ke...	7.629	6.986	176.9E6	976.7E6	42.679	36.655
22)	Mirex	8.112	7.179	105.2E6	763.5E6	33.338	36.961
23)	Chlordane-1	4.686f	3.901	2354133	67203386	13.707	75.600 #
24)	Chlordane-2	5.222	4.506f	763148	14903206	4.336	15.557 #
25)	Chlordane-3	5.944	5.120	207.6E6	1259.3E6	306.076	454.481 #
26)	Chlordane-4	6.025	5.185	219.3E6	1210.3E6	264.126	502.855 #
27)	Chlordane-5	6.868	6.076	234909	1054.6E6	1.676	958.750 #

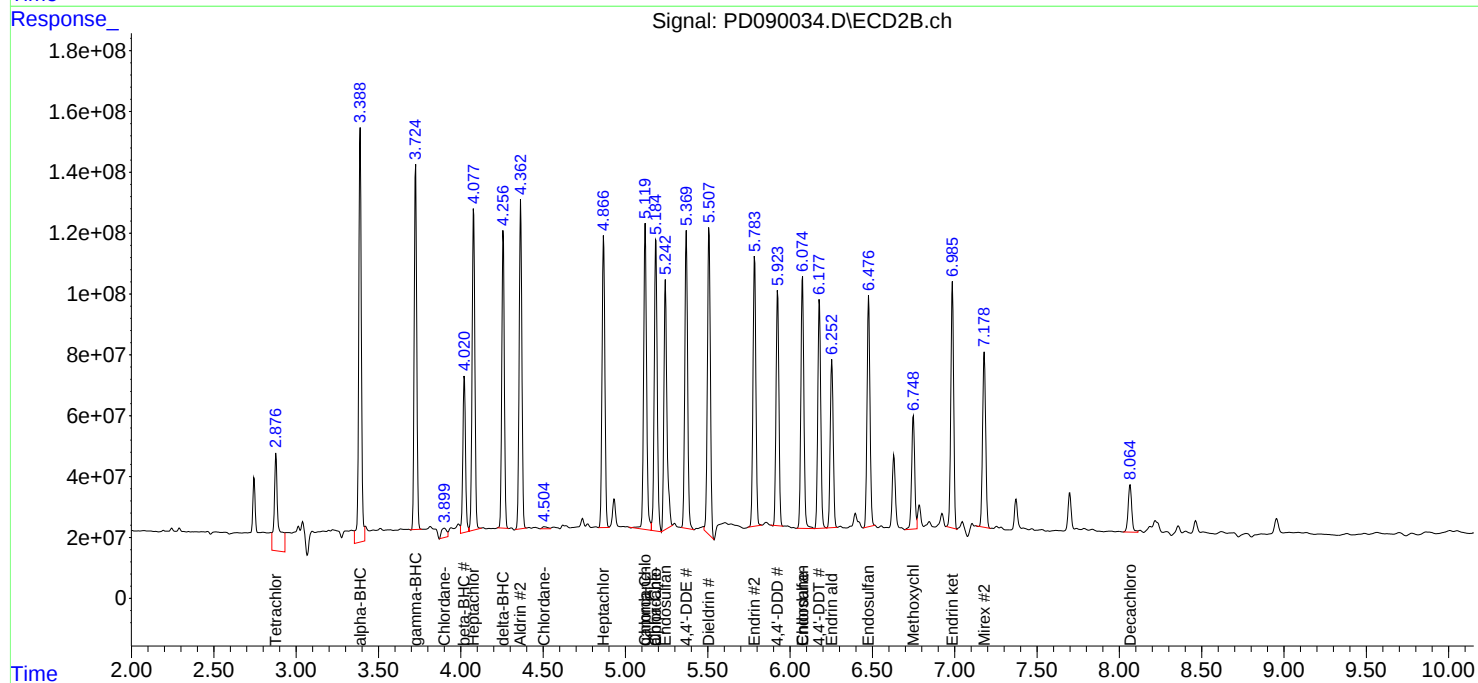
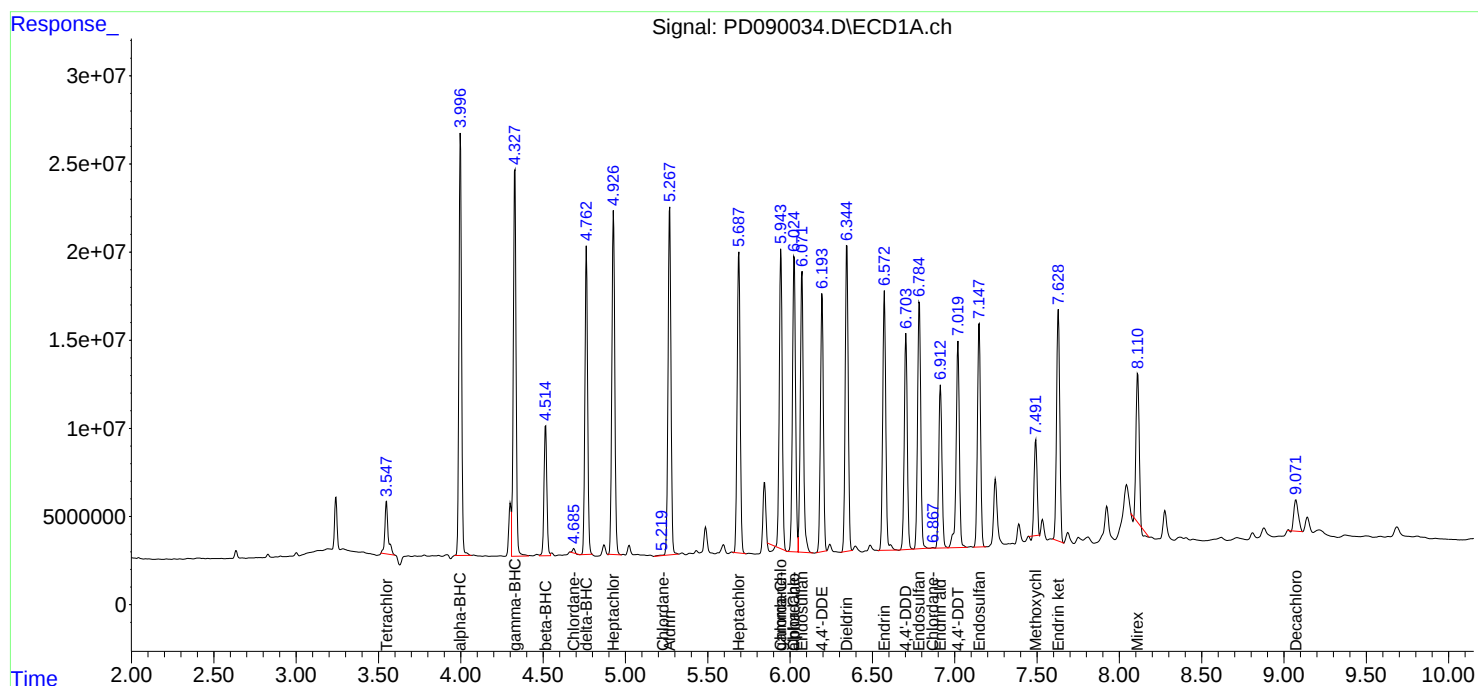
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

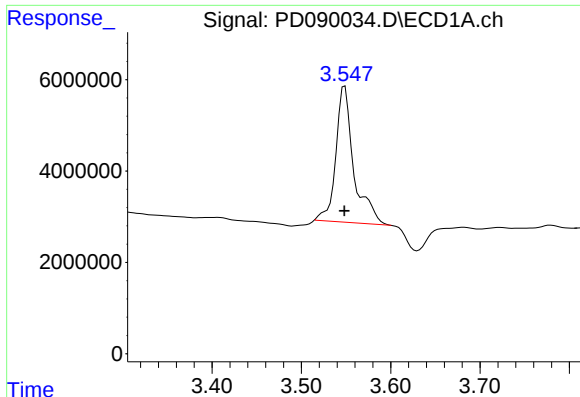
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082625\
Data File : PD090034.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Aug 2025 15:47
Operator : AR\AJ
Sample : Q2941-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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SOIL-COMP(1-2)MSD

Integration File signal 1: autoint1.e
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Quant Time: Aug 27 04:59:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 2025
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

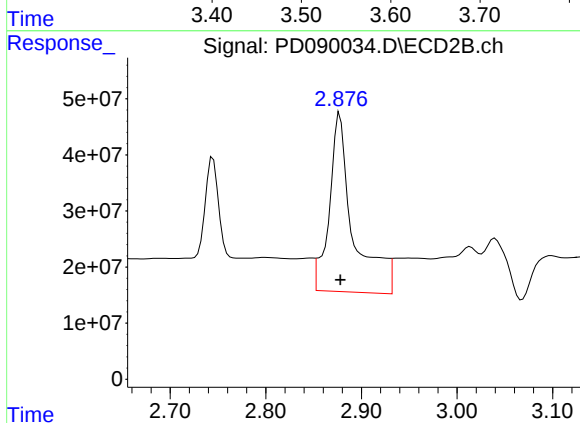




#1 Tetrachloro-m-xylene

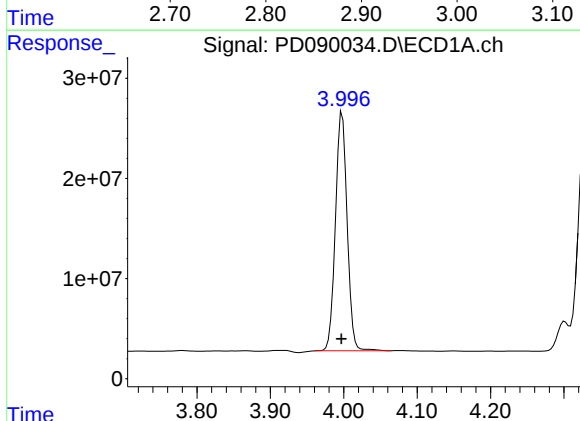
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 41335025
Conc: 14.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MSD



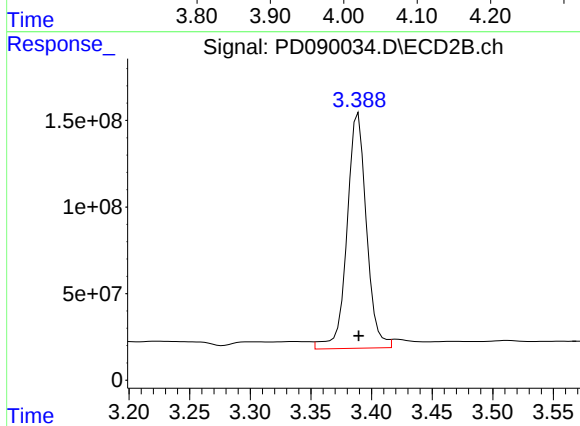
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 551122422
Conc: 24.99 ng/ml



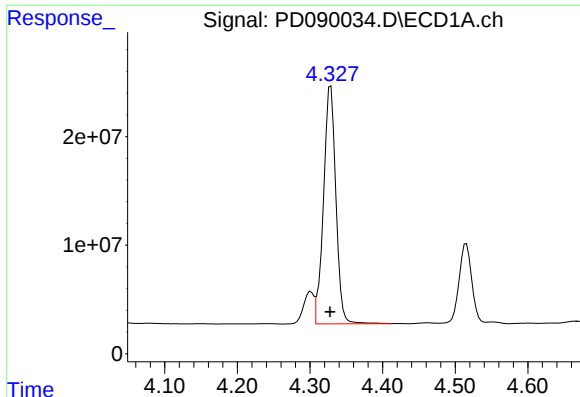
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 264582082
Conc: 44.08 ng/ml



#2 alpha-BHC

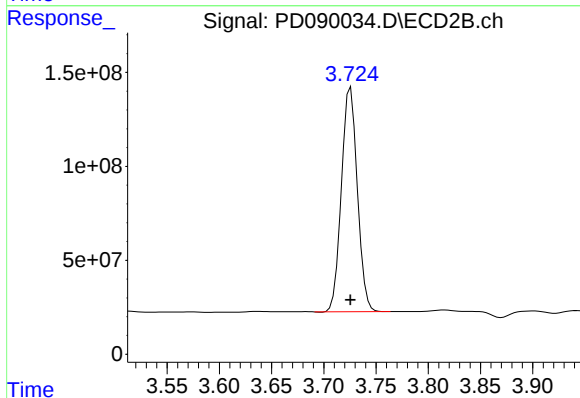
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 1514064660
Conc: 44.61 ng/ml



#3 gamma-BHC (Lindane)

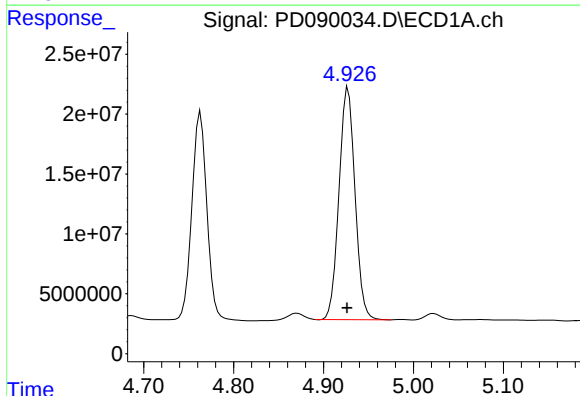
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 260330319
Conc: 45.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MSD



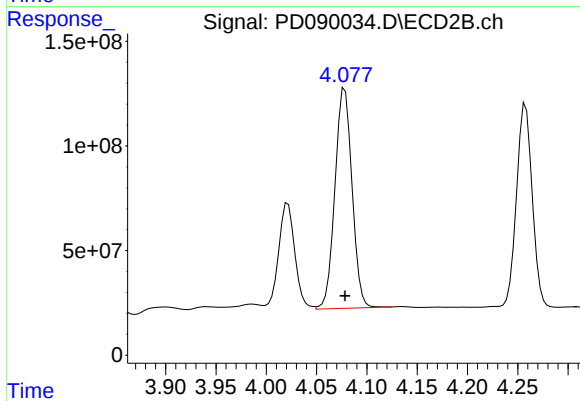
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 1265359320
Conc: 40.59 ng/ml



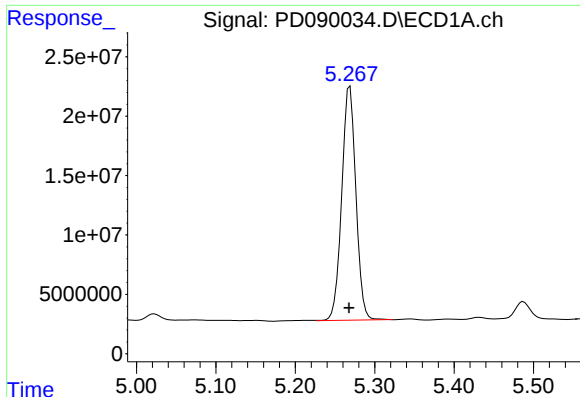
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.001 min
Response: 239949290
Conc: 42.78 ng/ml



#4 Heptachlor

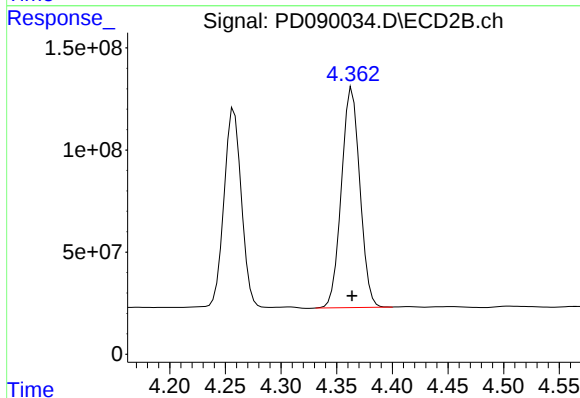
R.T.: 4.078 min
Delta R.T.: 0.000 min
Response: 1244354983
Conc: 39.89 ng/ml



#5 Aldrin

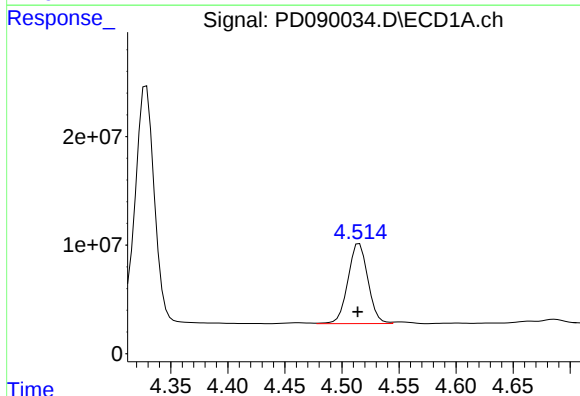
R.T.: 5.269 min
Delta R.T.: 0.001 min
Response: 244435623
Conc: 45.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MSD



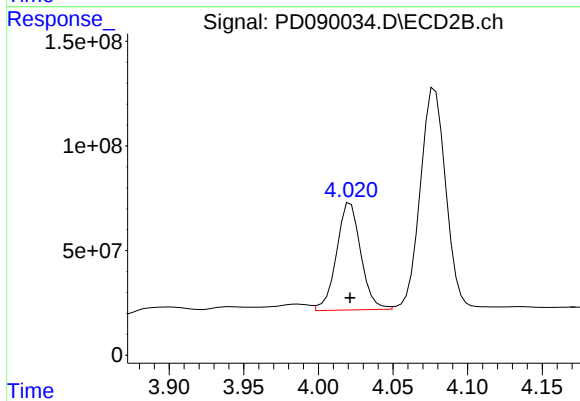
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 1242531438
Conc: 40.80 ng/ml



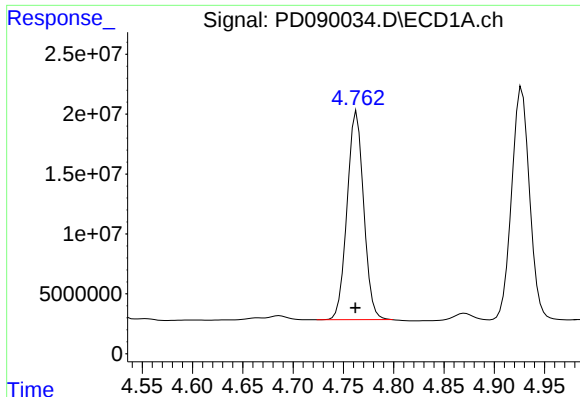
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 89821353
Conc: 40.04 ng/ml



#6 beta-BHC

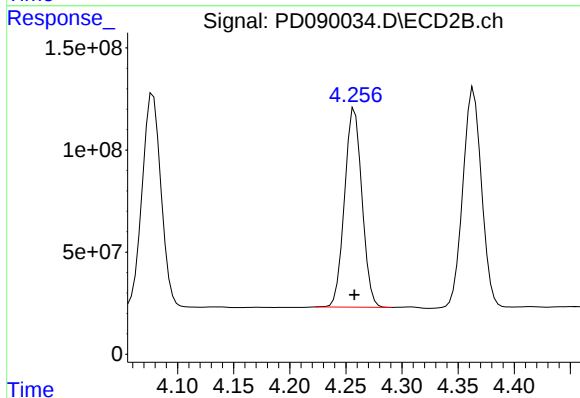
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 579540569
Conc: 43.48 ng/ml



#7 delta-BHC

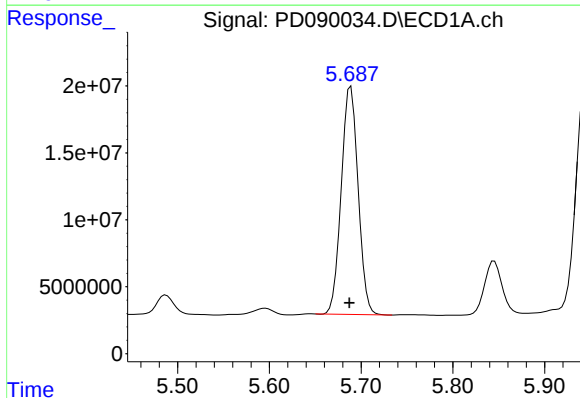
R.T.: 4.763 min
Delta R.T.: 0.001 min
Response: 199025472
Conc: 38.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MSD



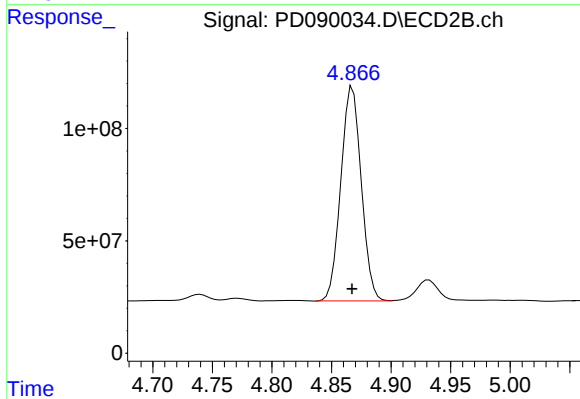
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1051414777
Conc: 33.33 ng/ml



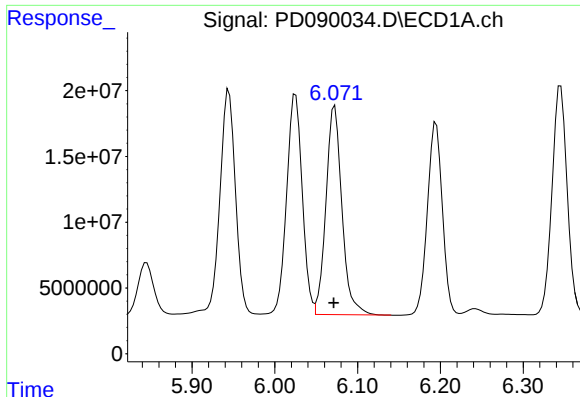
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.002 min
Response: 217147584
Conc: 44.25 ng/ml



#8 Heptachlor epoxide

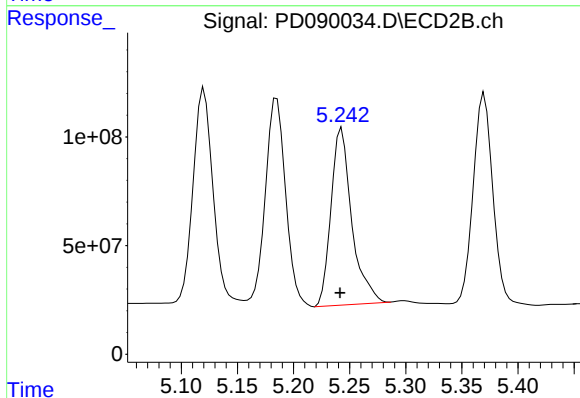
R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 1139679527
Conc: 41.15 ng/ml



#9 Endosulfan I

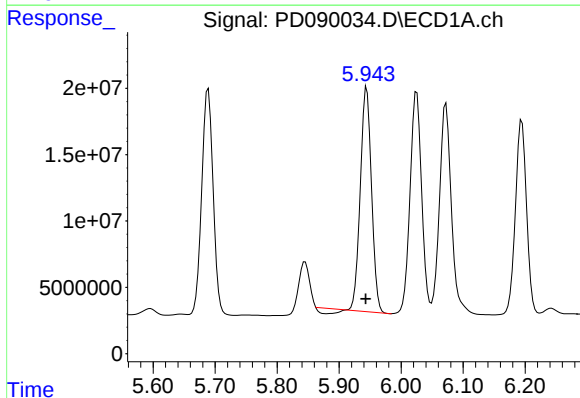
R.T.: 6.072 min
Delta R.T.: 0.001 min
Response: 212814236
Conc: 46.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MSD



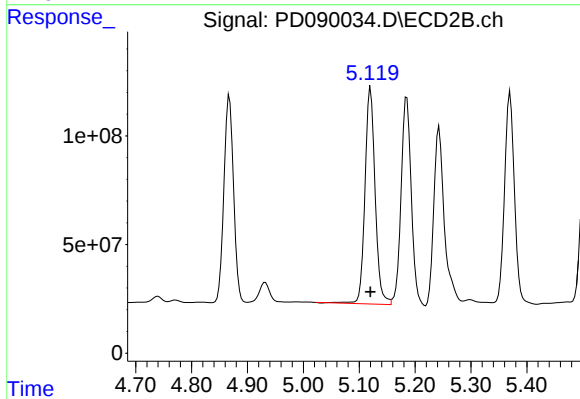
#9 Endosulfan I

R.T.: 5.243 min
Delta R.T.: 0.001 min
Response: 1050436119
Conc: 40.06 ng/ml



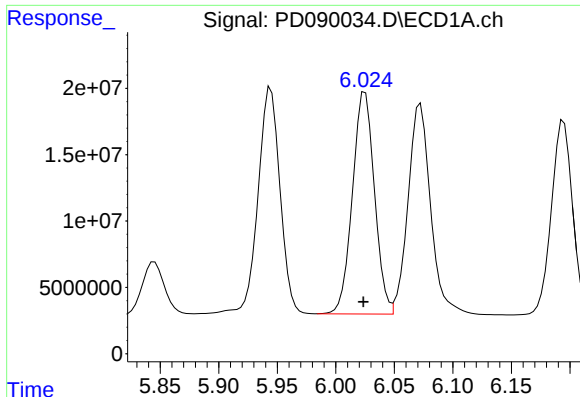
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.002 min
Response: 207581491
Conc: 42.44 ng/ml



#10 gamma-Chlordane

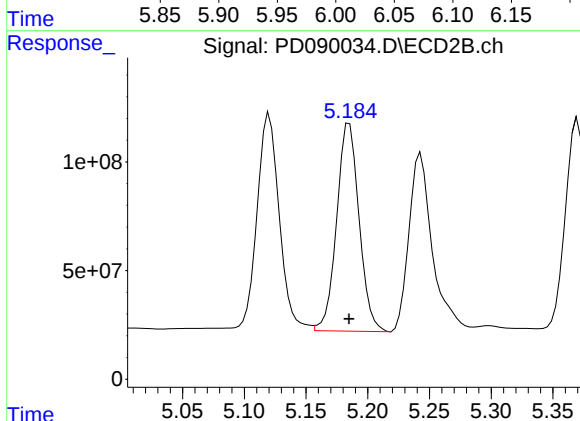
R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 1259349667
Conc: 42.53 ng/ml



#11 alpha-Chlordane

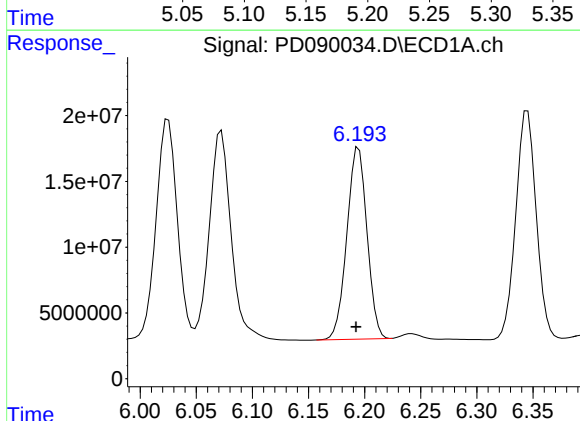
R.T.: 6.025 min
Delta R.T.: 0.001 min
Response: 219289960
Conc: 44.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MSD



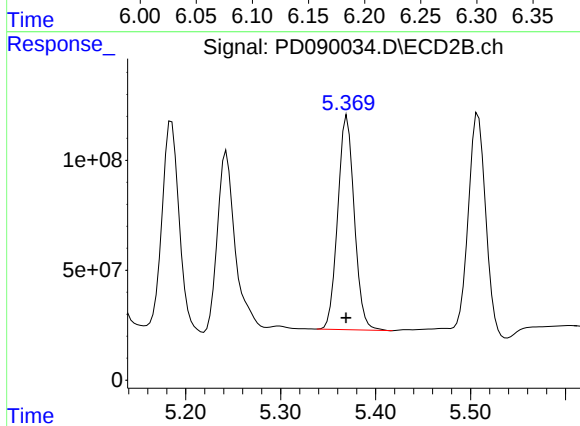
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 1210333914
Conc: 42.41 ng/ml



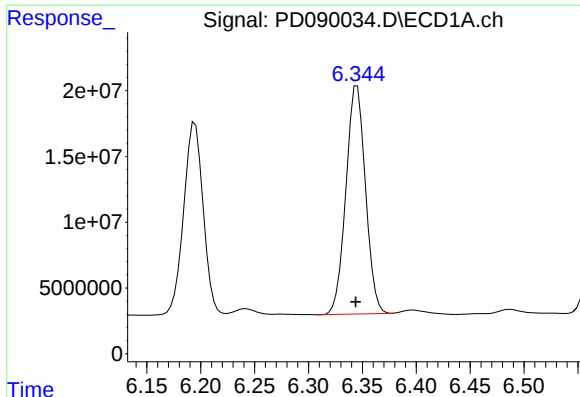
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 181890719
Conc: 41.45 ng/ml



#12 4,4'-DDE

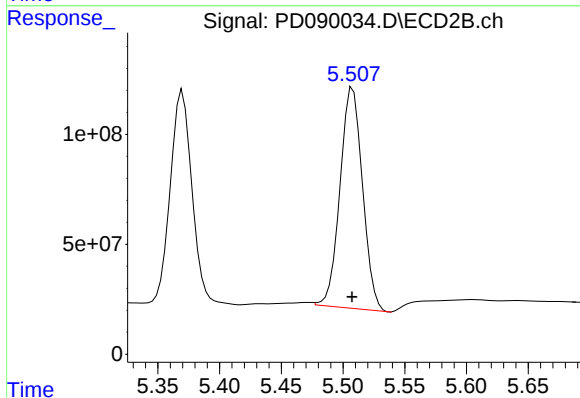
R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 1181926186
Conc: 41.01 ng/ml



#13 Dieldrin

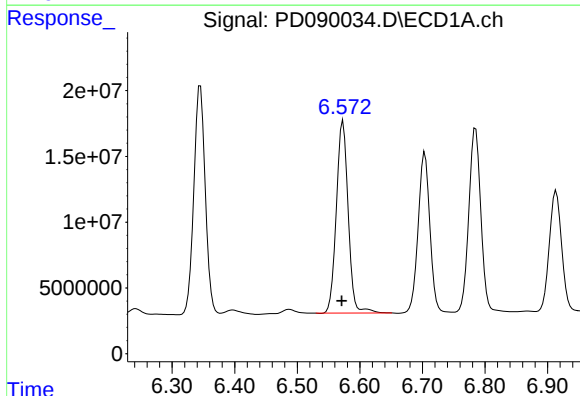
R.T.: 6.345 min
Delta R.T.: 0.001 min
Response: 219321169
Conc: 44.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MSD



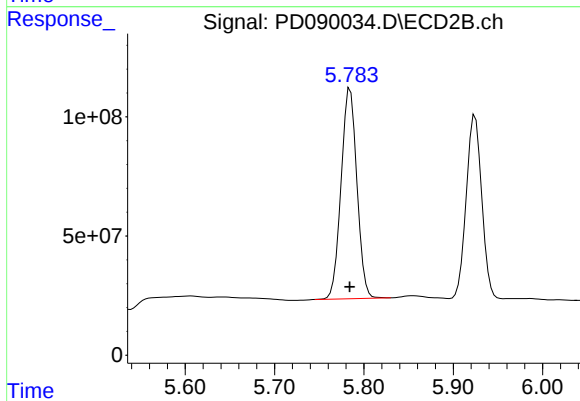
#13 Dieldrin

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 1275514878
Conc: 43.55 ng/ml



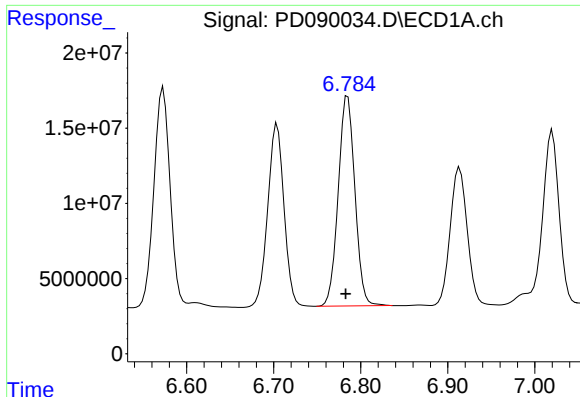
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 192736376
Conc: 46.51 ng/ml



#14 Endrin

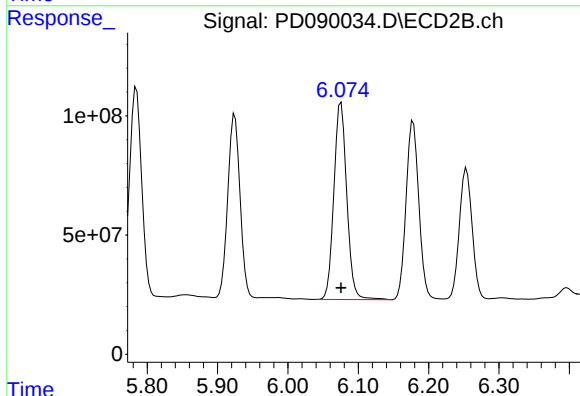
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1085681936
Conc: 40.77 ng/ml



#15 Endosulfan II

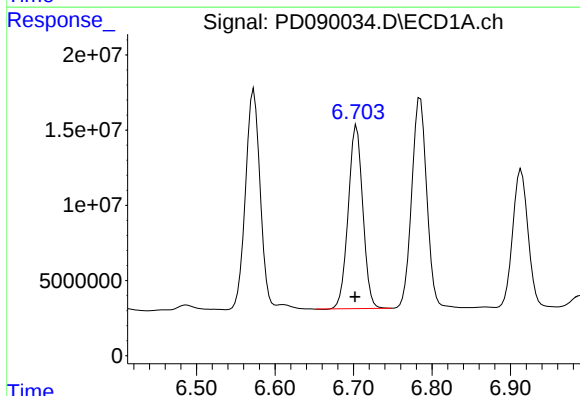
R.T.: 6.785 min
Delta R.T.: 0.002 min
Response: 186025234
Conc: 44.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MSD



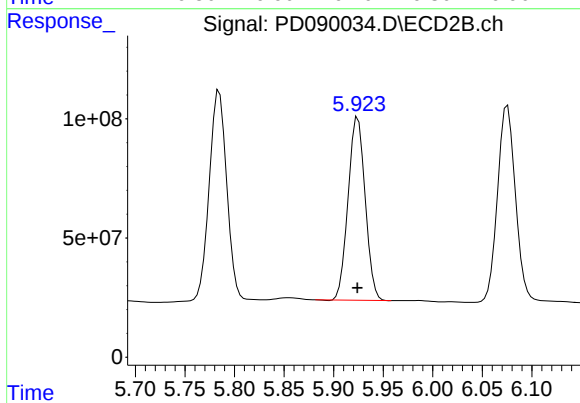
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 1054595151
Conc: 41.69 ng/ml



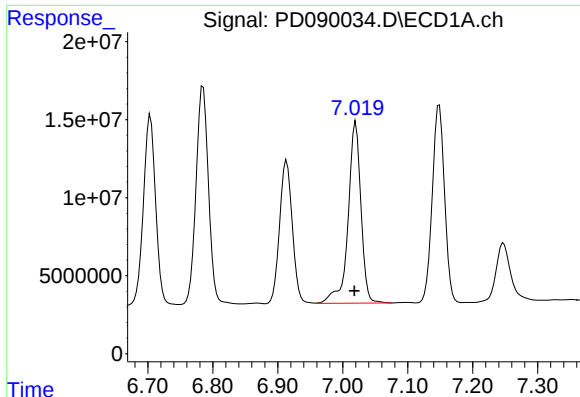
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 157638452
Conc: 45.57 ng/ml



#16 4,4'-DDD

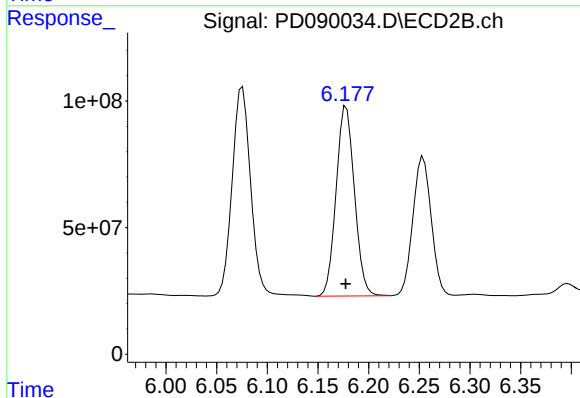
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 923017540
Conc: 38.39 ng/ml



#17 4,4'-DDT

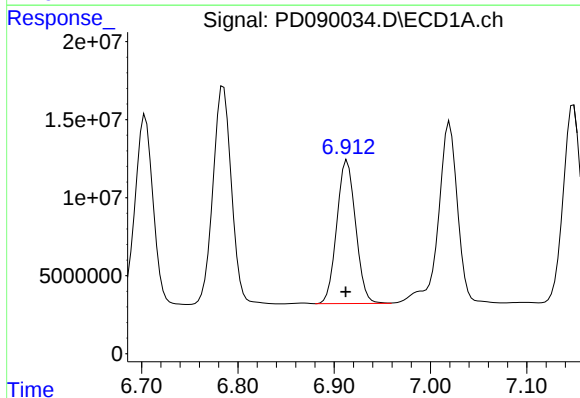
R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 160070041
Conc: 42.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MSD



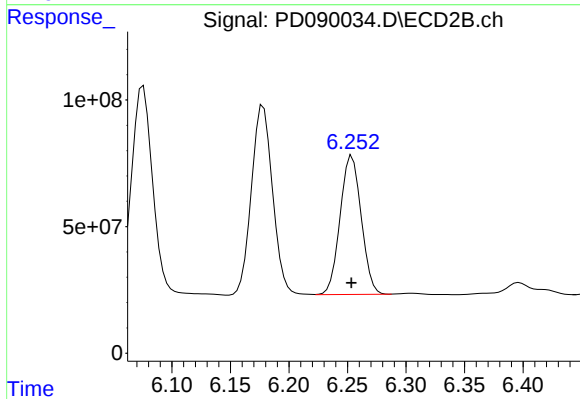
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 943539669
Conc: 37.64 ng/ml



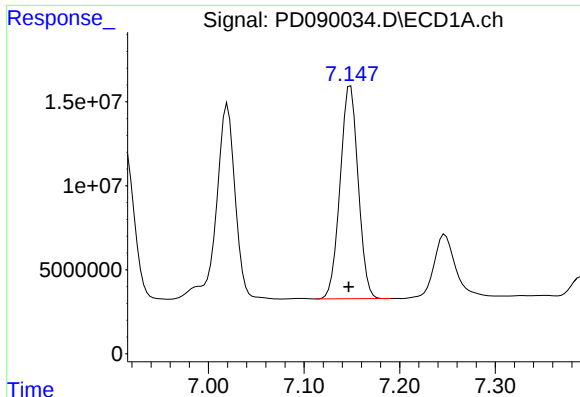
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 124687777
Conc: 43.49 ng/ml



#18 Endrin aldehyde

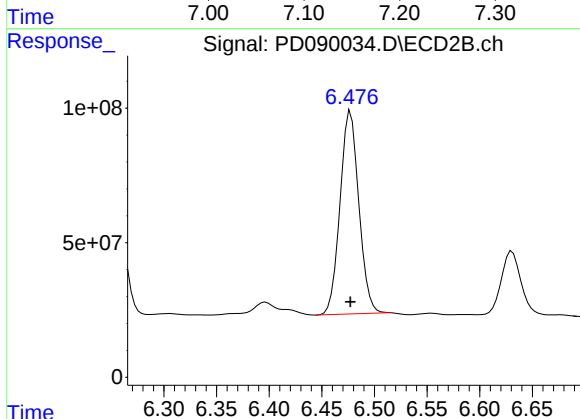
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 688478880
Conc: 39.98 ng/ml



#19 Endosulfan Sulfate

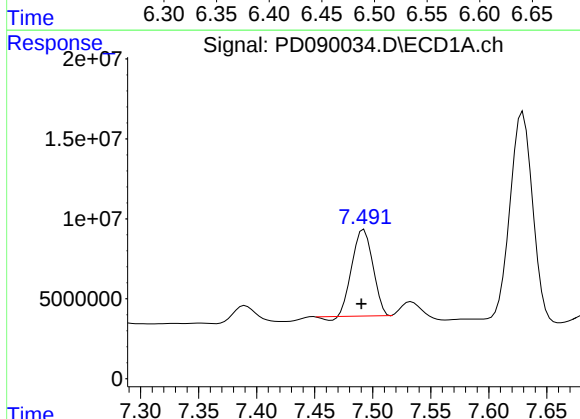
R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 166578669
Conc: 42.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MSD



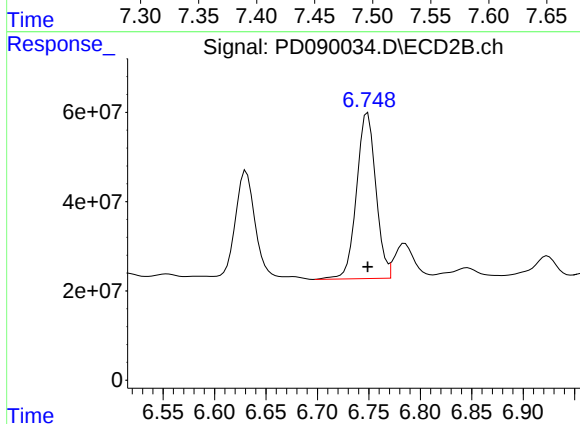
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 940492162
Conc: 38.58 ng/ml



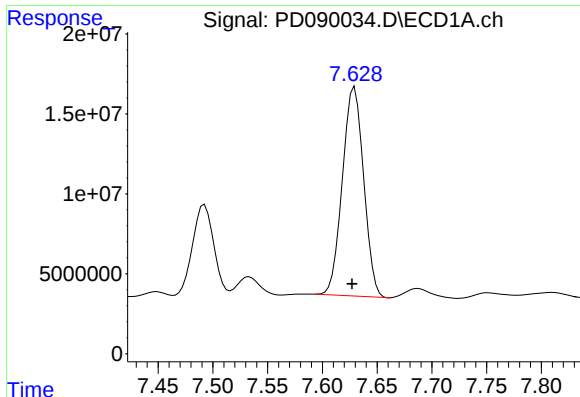
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.002 min
Response: 66667860
Conc: 33.24 ng/ml



#20 Methoxychlor

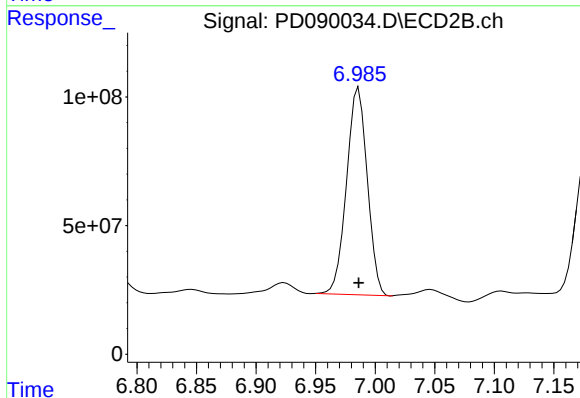
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 484540245
Conc: 37.57 ng/ml



#21 Endrin ketone

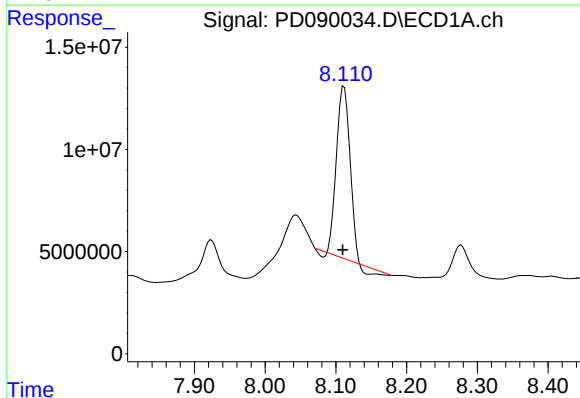
R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 176884707
Conc: 42.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MSD



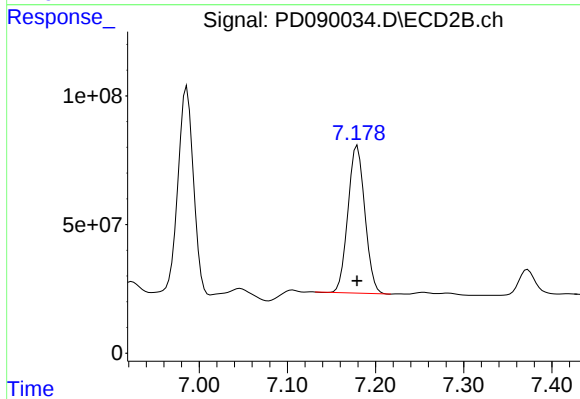
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: 0.000 min
Response: 976657386
Conc: 36.66 ng/ml



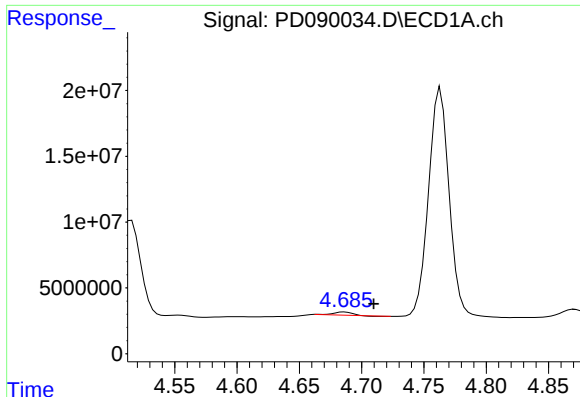
#22 Mirex

R.T.: 8.112 min
Delta R.T.: 0.002 min
Response: 105164169
Conc: 33.34 ng/ml



#22 Mirex

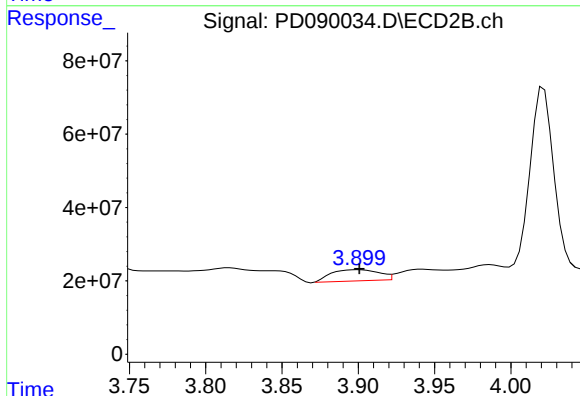
R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 763464517
Conc: 36.96 ng/ml



#23 Chlordane-1

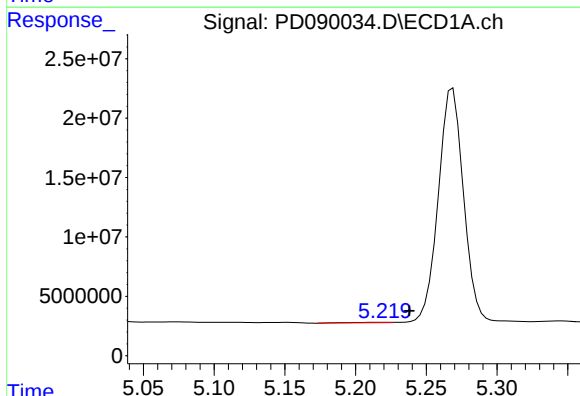
R.T.: 4.686 min
Delta R.T.: -0.023 min
Response: 2354133
Conc: 13.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MSD



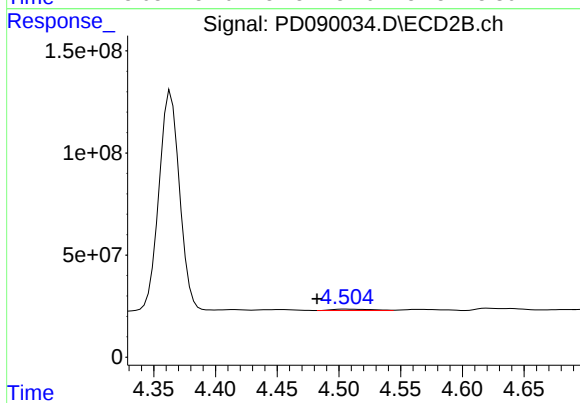
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 67203386
Conc: 75.60 ng/ml



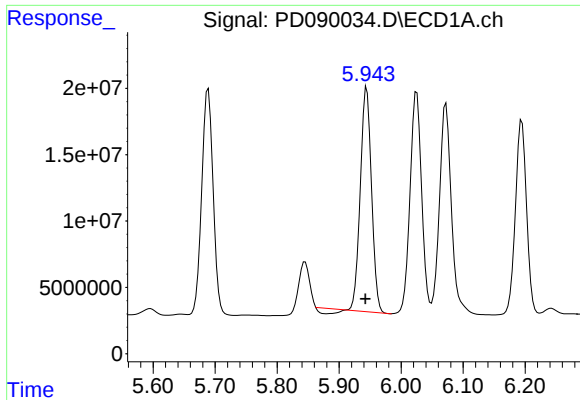
#24 Chlordane-2

R.T.: 5.222 min
Delta R.T.: -0.016 min
Response: 763148
Conc: 4.34 ng/ml



#24 Chlordane-2

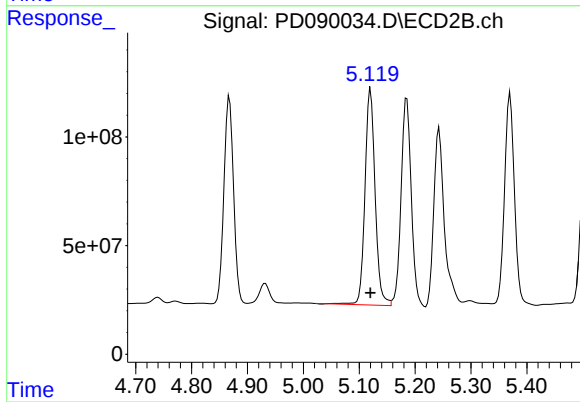
R.T.: 4.506 min
Delta R.T.: 0.024 min
Response: 14903206
Conc: 15.56 ng/ml



#25 Chlordane-3

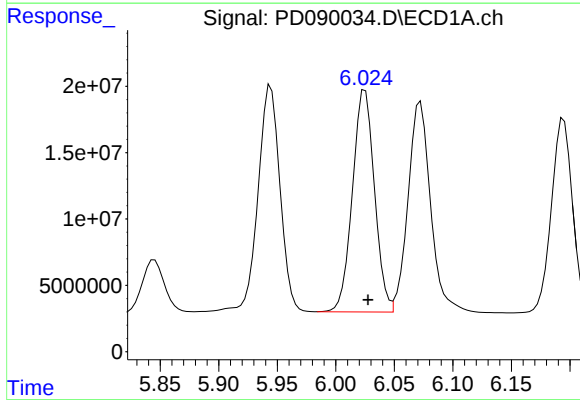
R.T.: 5.944 min
Delta R.T.: 0.002 min
Response: 207581491
Conc: 306.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MSD



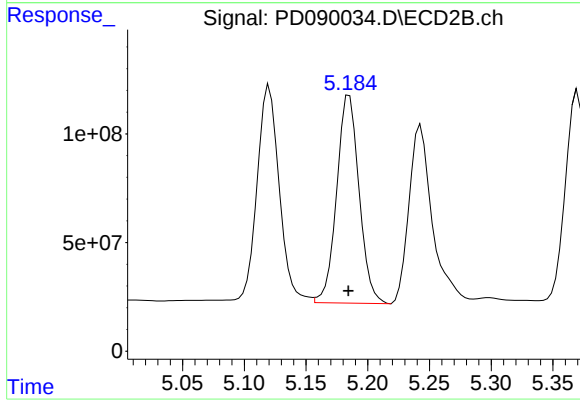
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 1259349667
Conc: 454.48 ng/ml



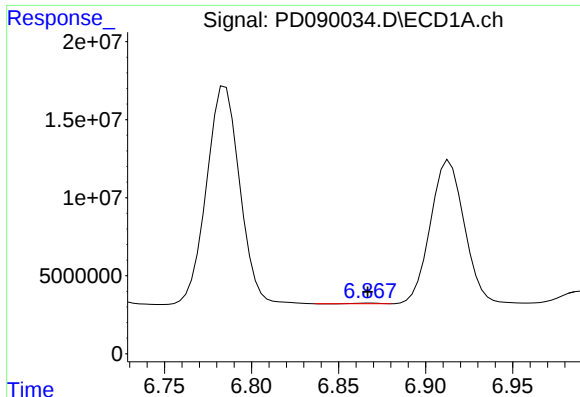
#26 Chlordane-4

R.T.: 6.025 min
Delta R.T.: -0.003 min
Response: 219289960
Conc: 264.13 ng/ml



#26 Chlordane-4

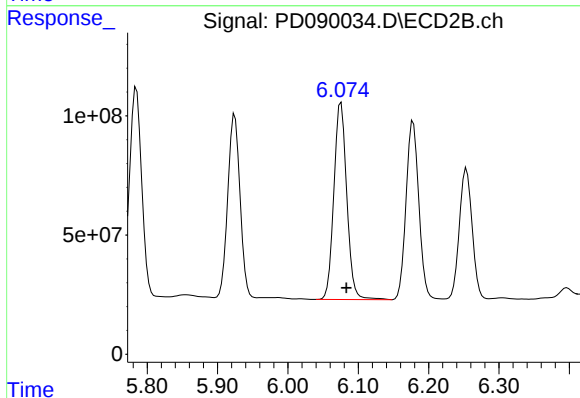
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 1210333914
Conc: 502.86 ng/ml



#27 Chlordane-5

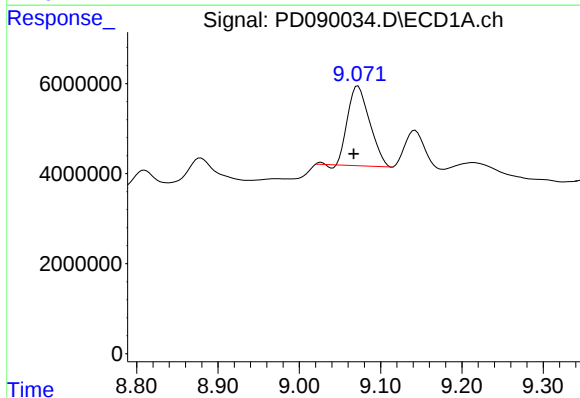
R.T.: 6.868 min
Delta R.T.: 0.001 min
Response: 234909
Conc: 1.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-COMP(1-2)MSD



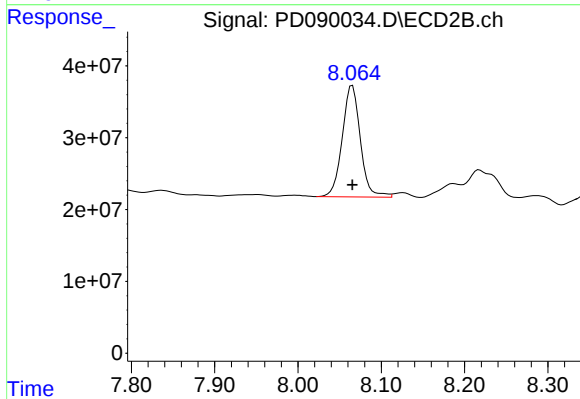
#27 Chlordane-5

R.T.: 6.076 min
Delta R.T.: -0.008 min
Response: 1054595151
Conc: 958.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.005 min
Response: 33287315
Conc: 7.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 233848004
Conc: 9.03 ng/ml