

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101725\  
 Data File : PD090686.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2025 00:37  
 Operator : AR\AJ  
 Sample : Q3343-04MSD  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 SOIL-ROLLOFF-WC-1MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 02:34:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101725.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 17 17:43:28 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... | 3.544  | 2.875 | 59437417 | 522.6E6  | 19.086   | 17.551     |
| 28)                         | SA Decachlor... | 9.064  | 8.061 | 84183979 | 464.2E6  | 17.996   | 15.324     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.994  | 3.386 | 361.3E6  | 2401.2E6 | 50.340   | 46.993     |
| 3)                          | MA gamma-BHC... | 4.324  | 3.722 | 335.3E6  | 2223.5E6 | 49.315   | 47.060     |
| 4)                          | MA Heptachlor   | 4.923  | 4.074 | 263.6E6  | 1982.7E6 | 47.159   | 44.451     |
| 5)                          | MB Aldrin       | 5.264  | 4.360 | 311.9E6  | 2126.8E6 | 47.634   | 45.917     |
| 6)                          | B beta-BHC      | 4.512  | 4.019 | 123.7E6  | 922.1E6  | 47.208   | 46.502     |
| 7)                          | B delta-BHC     | 4.760  | 4.255 | 346.5E6  | 2245.7E6 | 51.242   | 47.062     |
| 8)                          | B Heptachlo...  | 5.684  | 4.864 | 281.9E6  | 1968.2E6 | 48.703   | 46.160     |
| 9)                          | A Endosulfan I  | 6.068  | 5.238 | 265.6E6  | 1814.3E6 | 47.974   | 46.061     |
| 10)                         | B gamma-Chl...  | 5.940  | 5.116 | 281.8E6  | 2082.5E6 | 47.513   | 46.330     |
| 11)                         | B alpha-Chl...  | 6.020  | 5.181 | 292.7E6  | 2000.6E6 | 47.359   | 46.378     |
| 12)                         | B 4,4'-DDE      | 6.190  | 5.365 | 252.0E6  | 2025.6E6 | 47.308   | 46.206     |
| 13)                         | MA Dieldrin     | 6.340  | 5.503 | 278.7E6  | 2027.9E6 | 47.793   | 45.896     |
| 14)                         | MA Endrin       | 6.568  | 5.780 | 235.1E6  | 1900.4E6 | 47.454   | 46.930     |
| 15)                         | B Endosulfa...  | 6.780  | 6.072 | 234.8E6  | 1671.9E6 | 46.958   | 44.518     |
| 16)                         | A 4,4'-DDD      | 6.700  | 5.920 | 189.0E6  | 1618.0E6 | 46.628   | 44.403     |
| 17)                         | MA 4,4'-DDT     | 7.016  | 6.174 | 195.7E6  | 1543.6E6 | 47.601   | 44.011     |
| 18)                         | B Endrin al...  | 6.909  | 6.250 | 175.8E6  | 1257.6E6 | 47.985   | 45.414     |
| 19)                         | B Endosulfa...  | 7.144  | 6.473 | 214.5E6  | 1580.5E6 | 46.254   | 44.093     |
| 20)                         | A Methoxychlor  | 7.488  | 6.745 | 95355785 | 725.1E6  | 44.861   | 41.605     |
| 21)                         | B Endrin ke...  | 7.625  | 6.982 | 224.7E6  | 1594.2E6 | 46.248   | 42.267     |
| 22)                         | Mirex           | 8.107  | 7.175 | 137.4E6  | 994.0E6  | 42.915   | 38.692     |
| 23)                         | Chlordane-1     | 0.000  | 3.896 | 0        | 2030263  | N.D.     | 1.629 #    |
| 24)                         | Chlordane-2     | 5.264f | 4.498 | 311.9E6  | 24369675 | 1614.841 | 18.681 #   |
| 25)                         | Chlordane-3     | 5.940  | 5.116 | 281.8E6  | 2082.5E6 | 369.460  | 535.127 #  |
| 26)                         | Chlordane-4     | 6.020  | 5.181 | 292.7E6  | 2000.6E6 | 302.093  | 598.769 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.072 | 0        | 1671.9E6 | N.D.     | 1132.704 # |
| -----                       |                 |        |       |          |          |          |            |

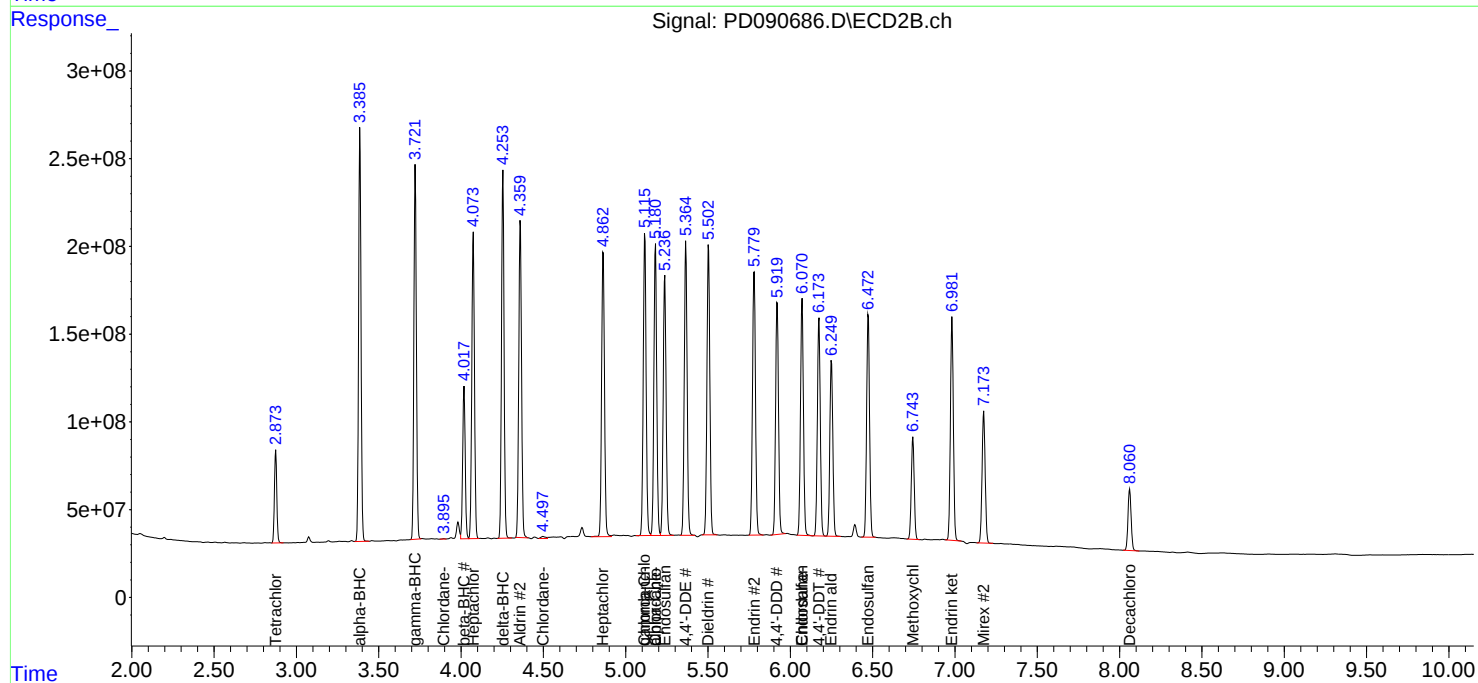
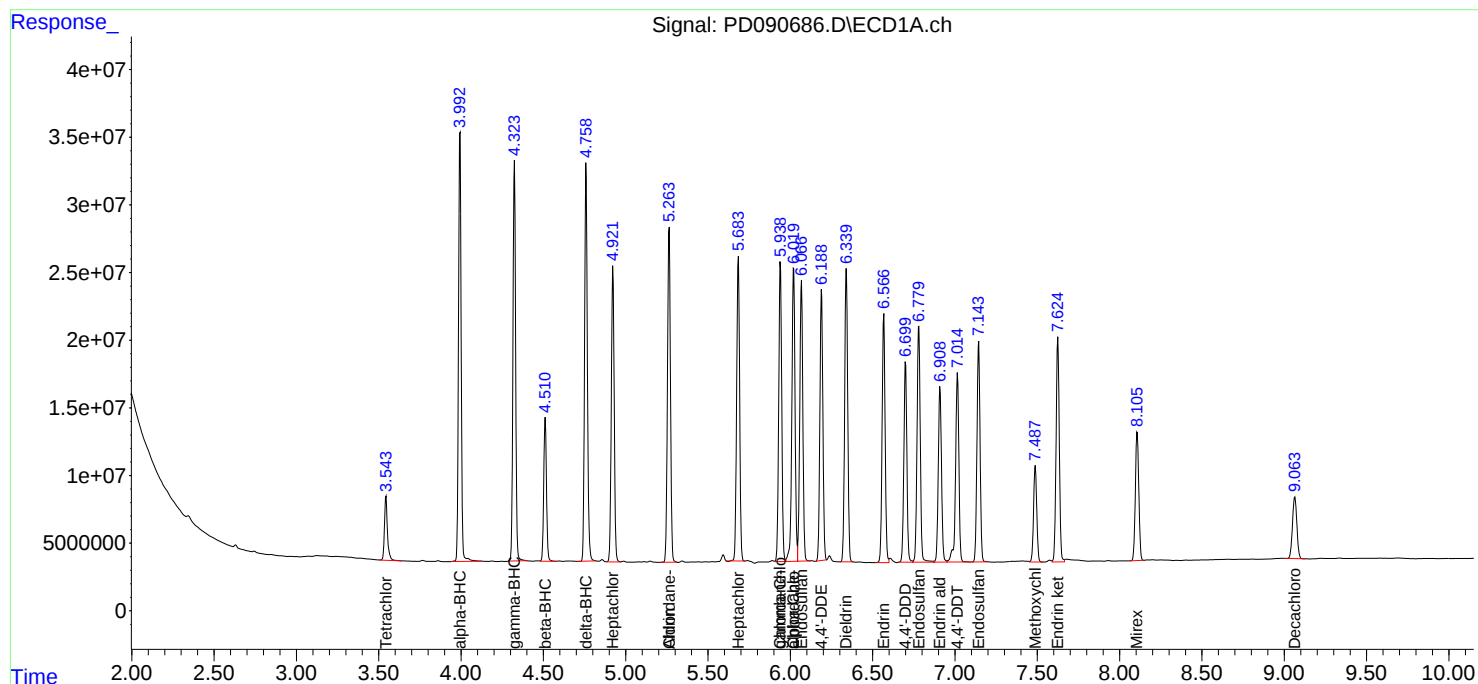
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

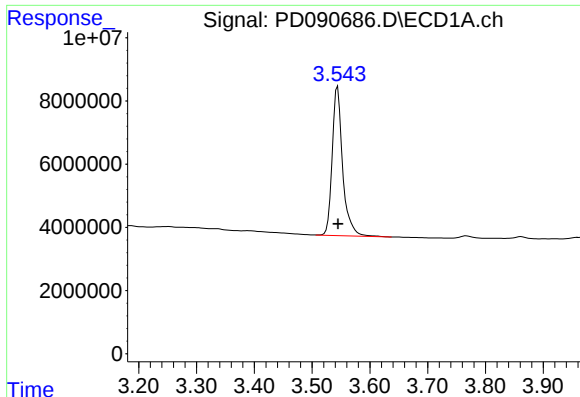
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101725\  
Data File : PD090686.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Oct 2025 00:37  
Operator : AR\AJ  
Sample : Q3343-04MSD  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 21 02:34:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101725.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 17 17:43:28 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

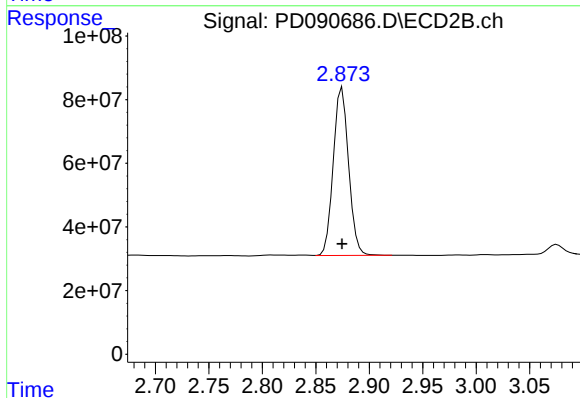




#1 Tetrachloro-m-xylene

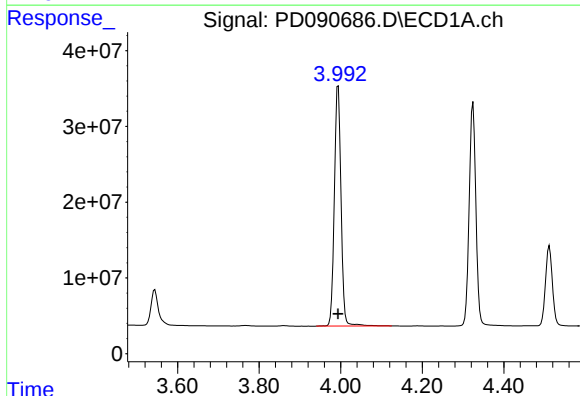
R.T.: 3.544 min  
Delta R.T.: 0.000 min  
Response: 59437417  
Conc: 19.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD



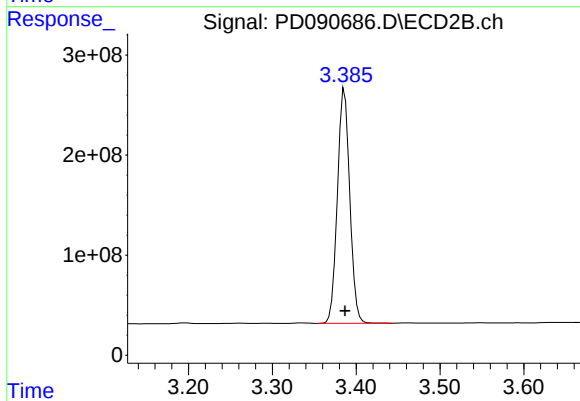
#1 Tetrachloro-m-xylene

R.T.: 2.875 min  
Delta R.T.: 0.000 min  
Response: 522628954  
Conc: 17.55 ng/ml



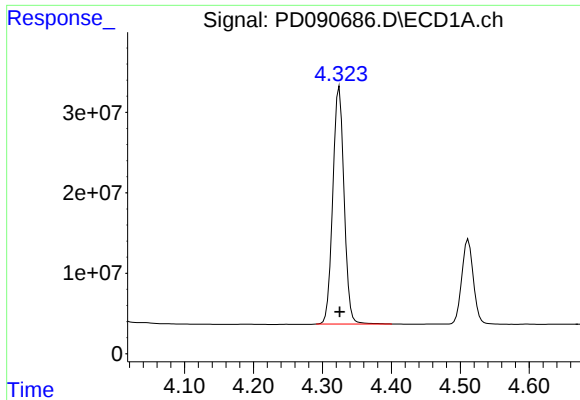
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 361295009  
Conc: 50.34 ng/ml



#2 alpha-BHC

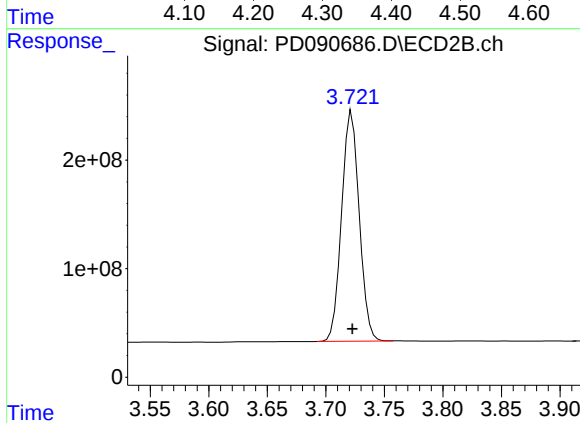
R.T.: 3.386 min  
Delta R.T.: 0.000 min  
Response: 2401161243  
Conc: 46.99 ng/ml



#3 gamma-BHC (Lindane)

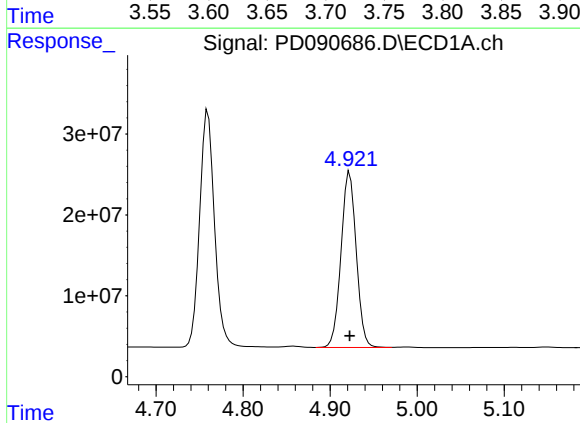
R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 335287048  
Conc: 49.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD



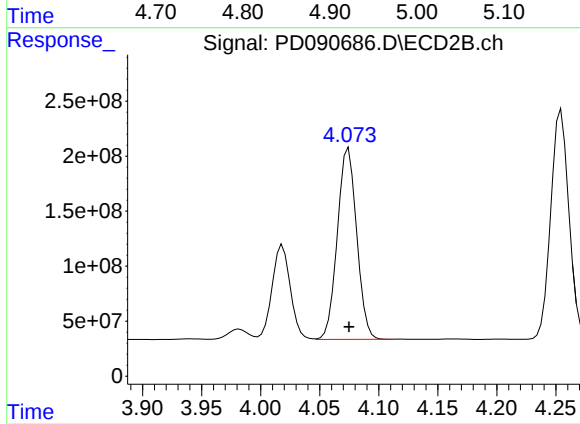
#3 gamma-BHC (Lindane)

R.T.: 3.722 min  
Delta R.T.: 0.000 min  
Response: 2223515844  
Conc: 47.06 ng/ml



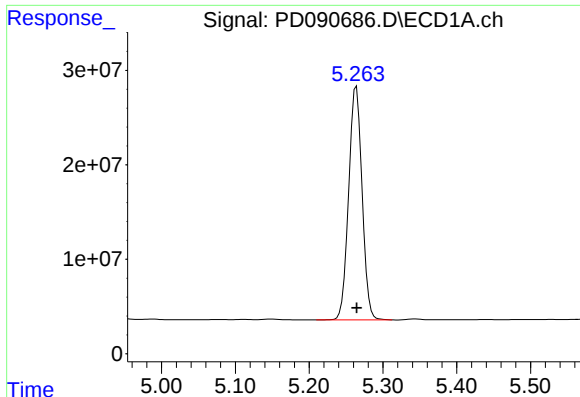
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: 0.000 min  
Response: 263596821  
Conc: 47.16 ng/ml



#4 Heptachlor

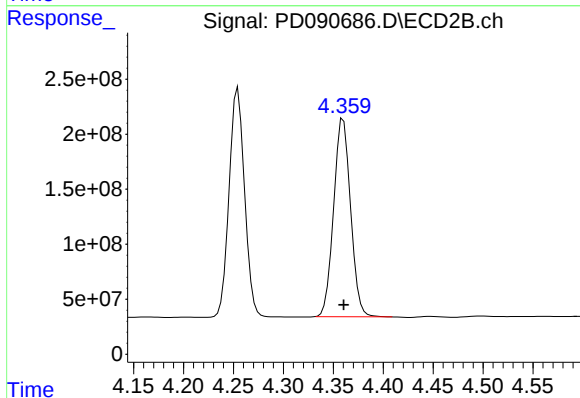
R.T.: 4.074 min  
Delta R.T.: 0.000 min  
Response: 1982655343  
Conc: 44.45 ng/ml



#5 Aldrin

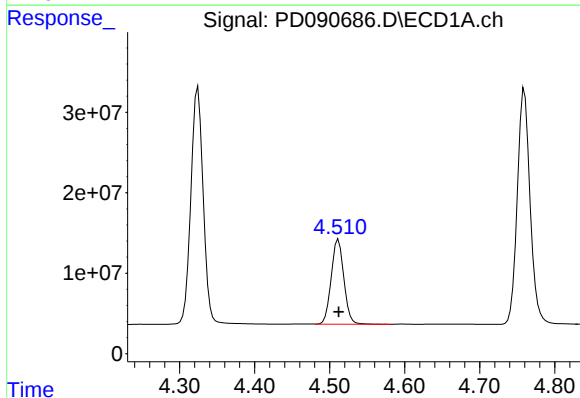
R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 311873895  
Conc: 47.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD



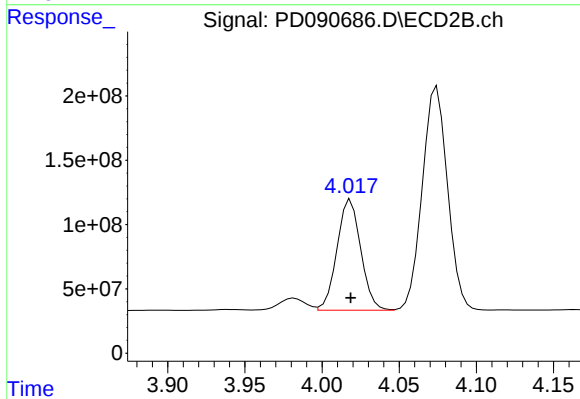
#5 Aldrin

R.T.: 4.360 min  
Delta R.T.: 0.000 min  
Response: 2126845892  
Conc: 45.92 ng/ml



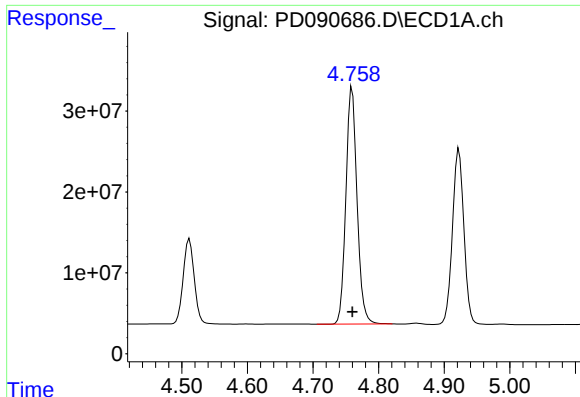
#6 beta-BHC

R.T.: 4.512 min  
Delta R.T.: 0.000 min  
Response: 123667586  
Conc: 47.21 ng/ml



#6 beta-BHC

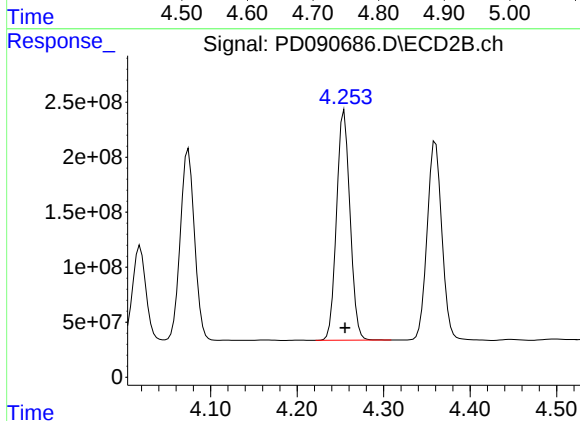
R.T.: 4.019 min  
Delta R.T.: 0.000 min  
Response: 922107719  
Conc: 46.50 ng/ml



#7 delta-BHC

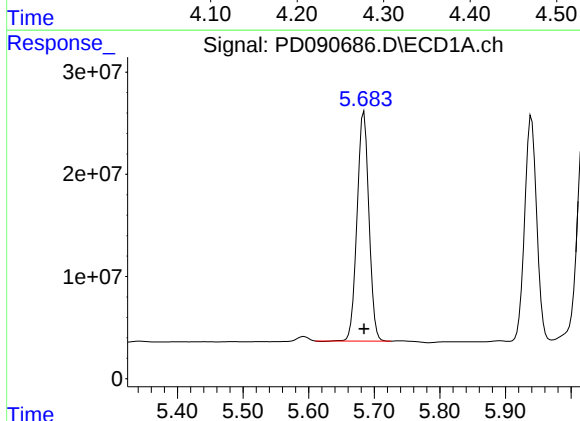
R.T.: 4.760 min  
Delta R.T.: 0.000 min  
Response: 346481623  
Conc: 51.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD



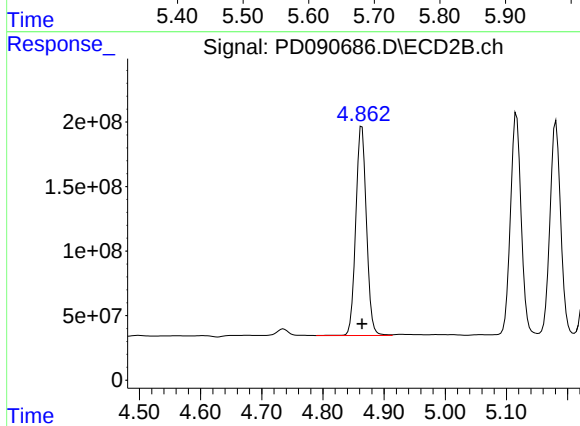
#7 delta-BHC

R.T.: 4.255 min  
Delta R.T.: 0.000 min  
Response: 2245656475  
Conc: 47.06 ng/ml



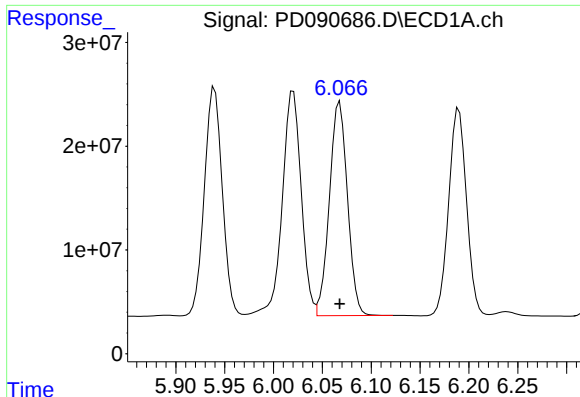
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: 0.000 min  
Response: 281946050  
Conc: 48.70 ng/ml



#8 Heptachlor epoxide

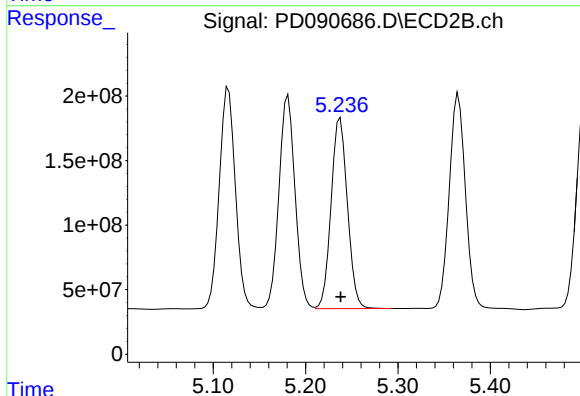
R.T.: 4.864 min  
Delta R.T.: 0.000 min  
Response: 1968208944  
Conc: 46.16 ng/ml



#9 Endosulfan I

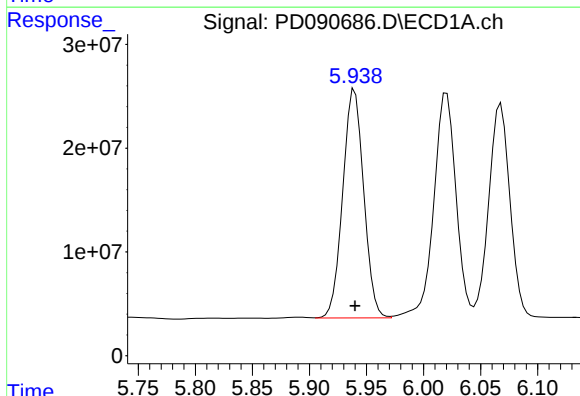
R.T.: 6.068 min  
Delta R.T.: 0.000 min  
Response: 265613454  
Conc: 47.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD



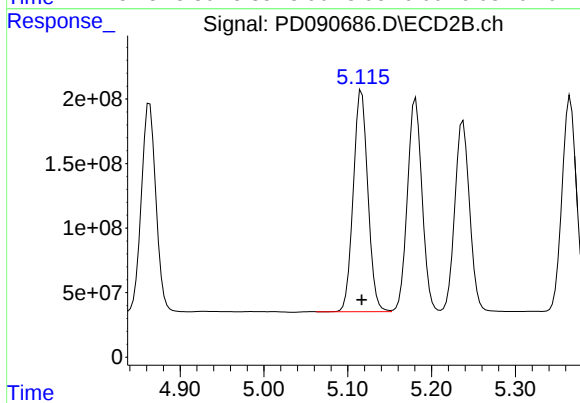
#9 Endosulfan I

R.T.: 5.238 min  
Delta R.T.: 0.000 min  
Response: 1814344570  
Conc: 46.06 ng/ml



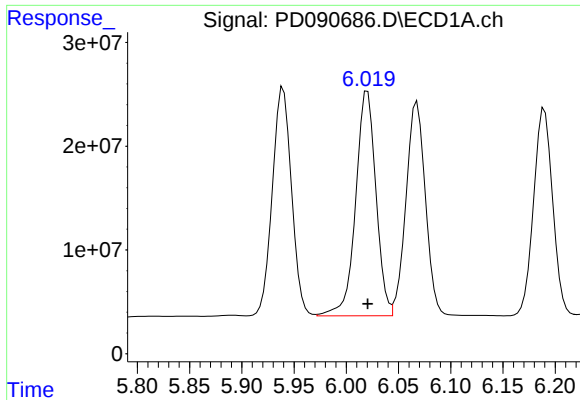
#10 gamma-Chlordane

R.T.: 5.940 min  
Delta R.T.: 0.000 min  
Response: 281809889  
Conc: 47.51 ng/ml



#10 gamma-Chlordane

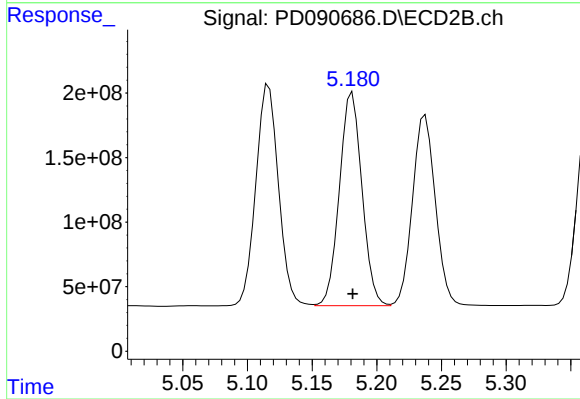
R.T.: 5.116 min  
Delta R.T.: 0.000 min  
Response: 2082484608  
Conc: 46.33 ng/ml



#11 alpha-Chlordane

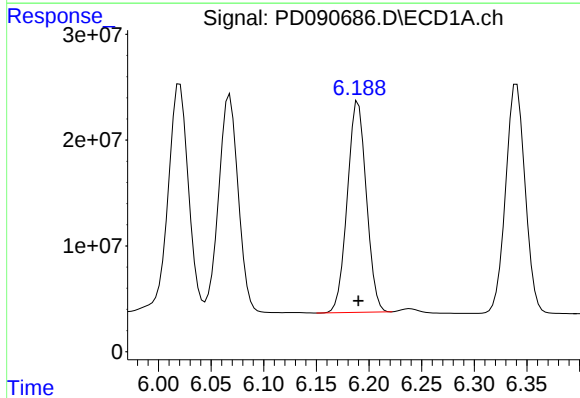
R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 292693134  
Conc: 47.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD



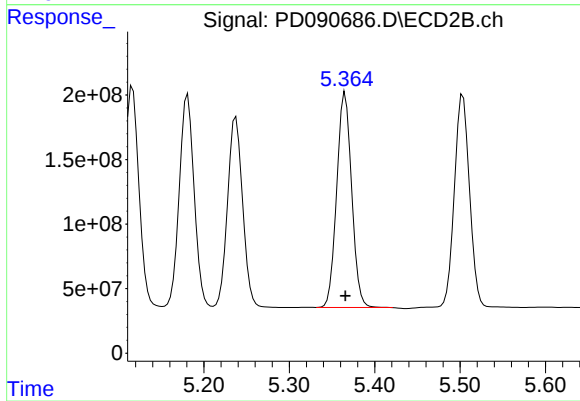
#11 alpha-Chlordane

R.T.: 5.181 min  
Delta R.T.: 0.000 min  
Response: 2000631261  
Conc: 46.38 ng/ml



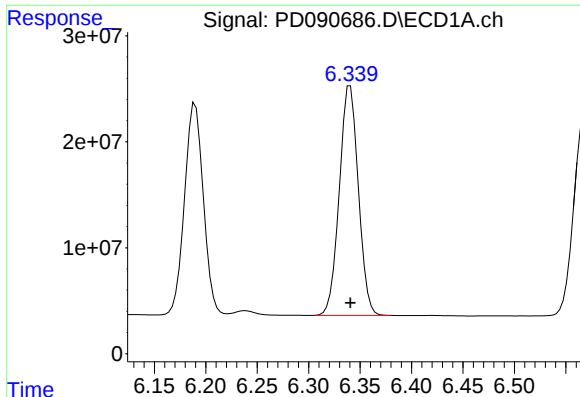
#12 4,4'-DDE

R.T.: 6.190 min  
Delta R.T.: 0.000 min  
Response: 251993856  
Conc: 47.31 ng/ml



#12 4,4'-DDE

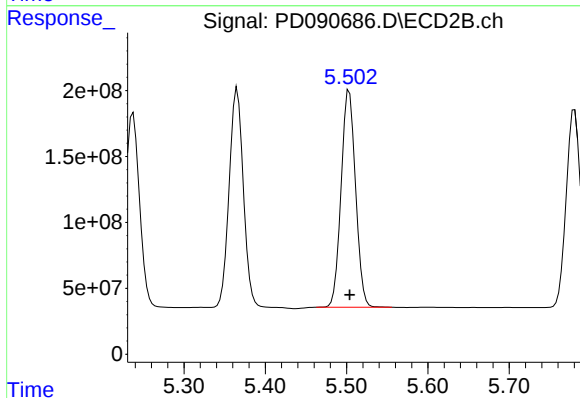
R.T.: 5.365 min  
Delta R.T.: 0.000 min  
Response: 2025590792  
Conc: 46.21 ng/ml



#13 Dieldrin

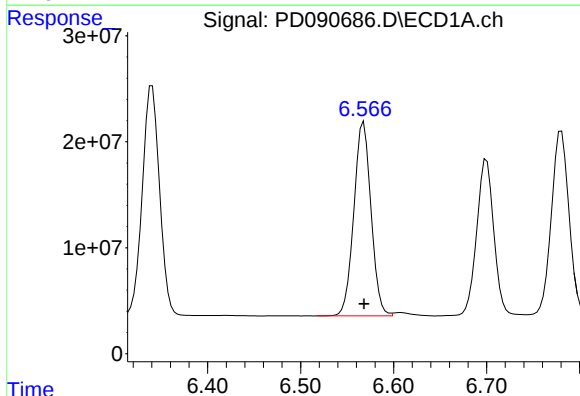
R.T.: 6.340 min  
Delta R.T.: 0.000 min  
Response: 278695180  
Conc: 47.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD



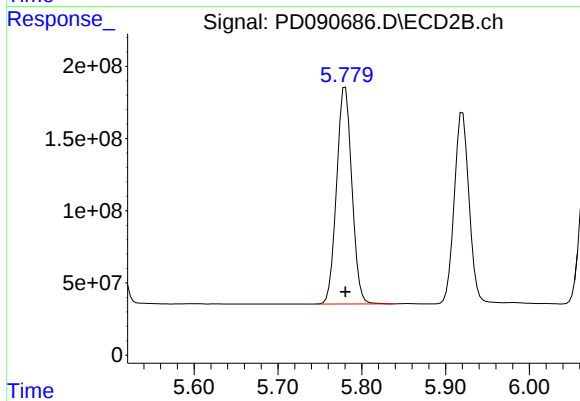
#13 Dieldrin

R.T.: 5.503 min  
Delta R.T.: 0.000 min  
Response: 2027865631  
Conc: 45.90 ng/ml



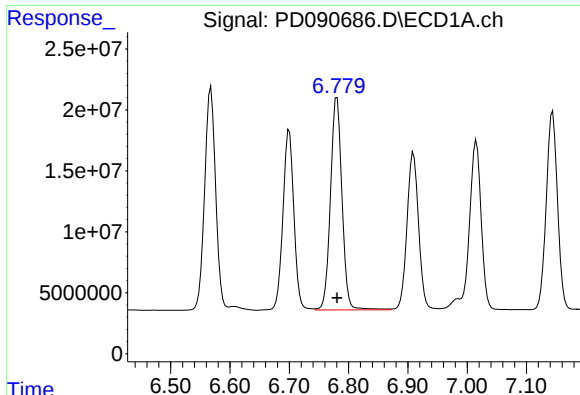
#14 Endrin

R.T.: 6.568 min  
Delta R.T.: 0.000 min  
Response: 235071124  
Conc: 47.45 ng/ml



#14 Endrin

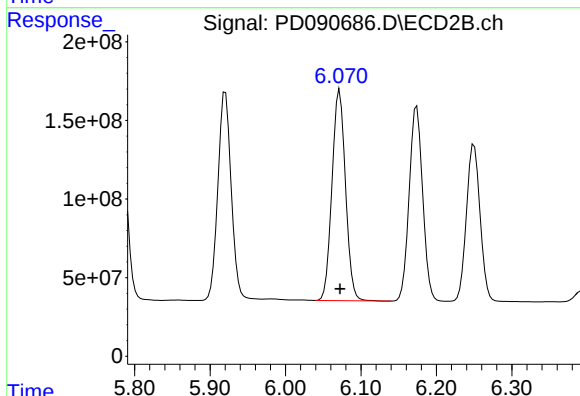
R.T.: 5.780 min  
Delta R.T.: 0.000 min  
Response: 1900391143  
Conc: 46.93 ng/ml



#15 Endosulfan II

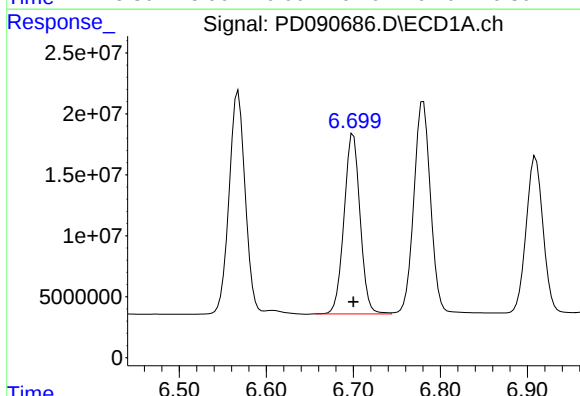
R.T.: 6.780 min  
Delta R.T.: 0.000 min  
Response: 234787356  
Conc: 46.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD



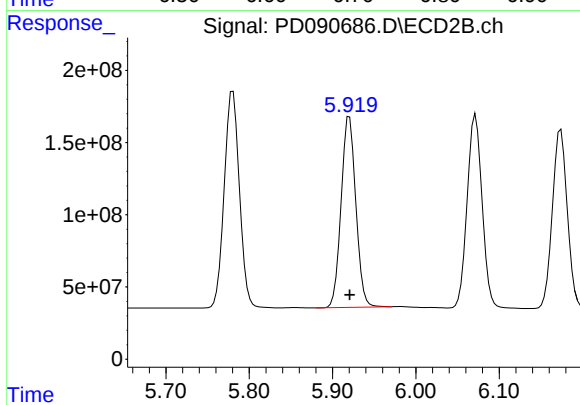
#15 Endosulfan II

R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 1671909916  
Conc: 44.52 ng/ml



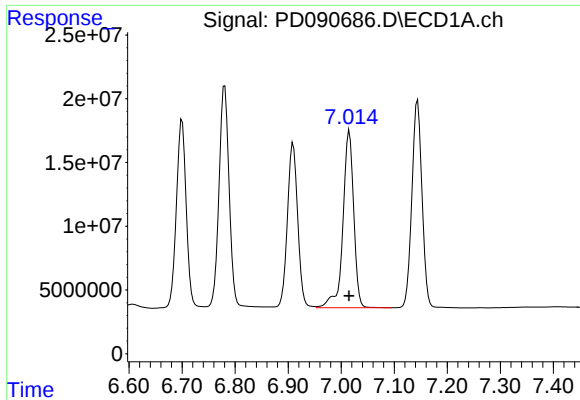
#16 4,4'-DDD

R.T.: 6.700 min  
Delta R.T.: 0.000 min  
Response: 189037729  
Conc: 46.63 ng/ml



#16 4,4'-DDD

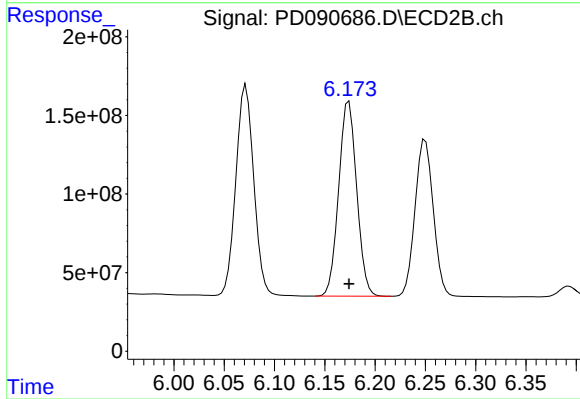
R.T.: 5.920 min  
Delta R.T.: 0.000 min  
Response: 1617969447  
Conc: 44.40 ng/ml



#17 4,4'-DDT

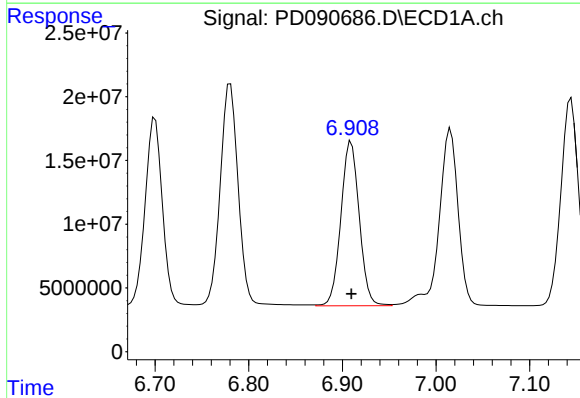
R.T.: 7.016 min  
Delta R.T.: 0.000 min  
Response: 195663740  
Conc: 47.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD



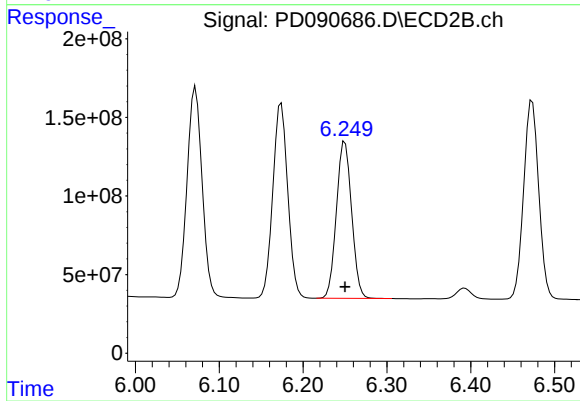
#17 4,4'-DDT

R.T.: 6.174 min  
Delta R.T.: 0.000 min  
Response: 1543605314  
Conc: 44.01 ng/ml



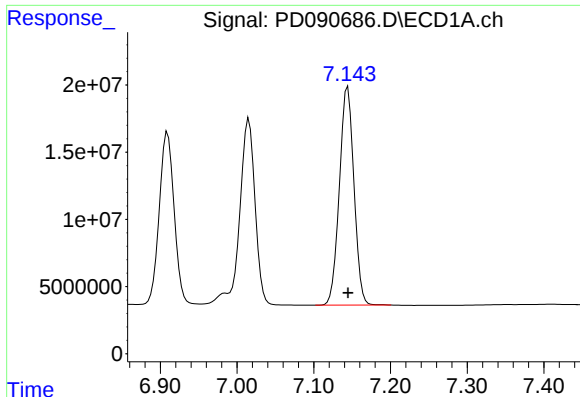
#18 Endrin aldehyde

R.T.: 6.909 min  
Delta R.T.: 0.000 min  
Response: 175753233  
Conc: 47.98 ng/ml



#18 Endrin aldehyde

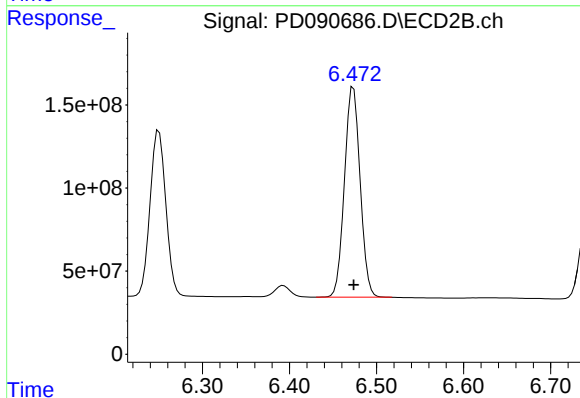
R.T.: 6.250 min  
Delta R.T.: 0.000 min  
Response: 1257638893  
Conc: 45.41 ng/ml



#19 Endosulfan Sulfate

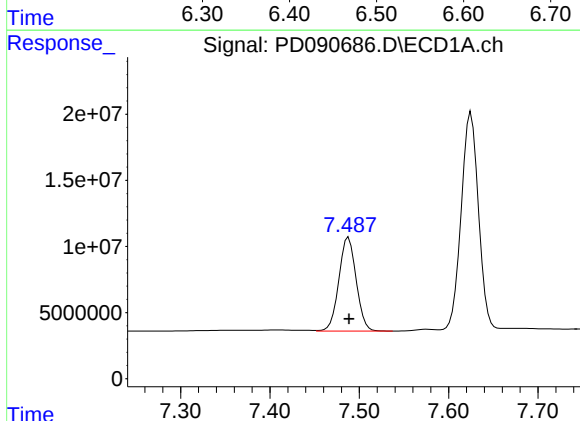
R.T.: 7.144 min  
Delta R.T.: 0.000 min  
Response: 214535546  
Conc: 46.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD



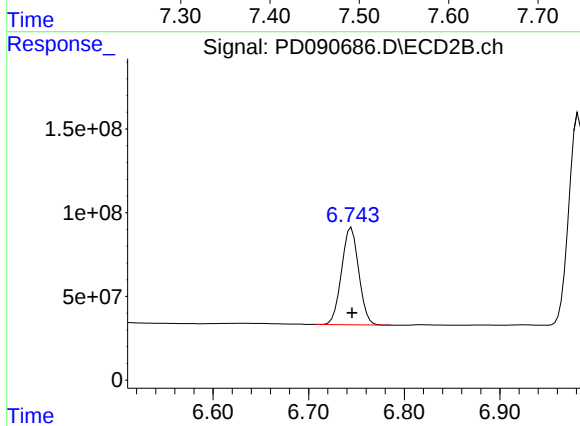
#19 Endosulfan Sulfate

R.T.: 6.473 min  
Delta R.T.: 0.000 min  
Response: 1580523067  
Conc: 44.09 ng/ml



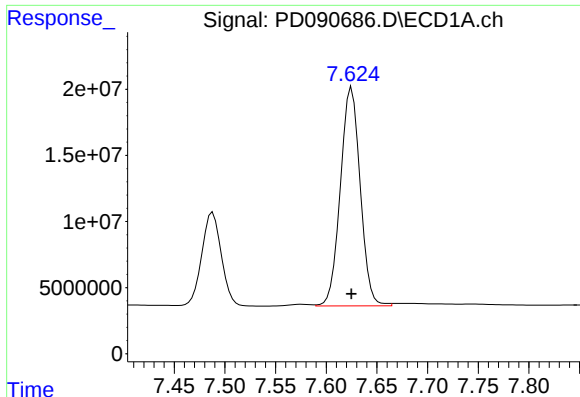
#20 Methoxychlor

R.T.: 7.488 min  
Delta R.T.: 0.000 min  
Response: 95355785  
Conc: 44.86 ng/ml



#20 Methoxychlor

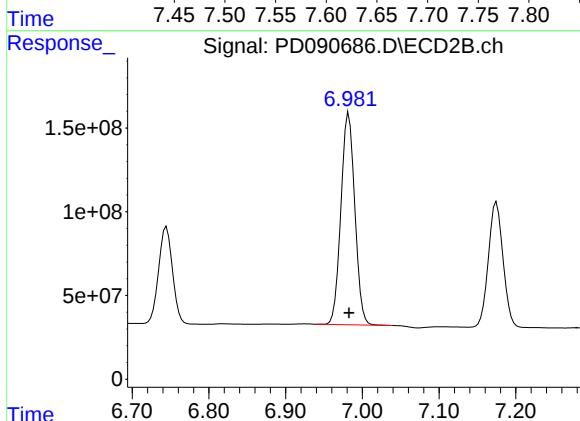
R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 725090346  
Conc: 41.61 ng/ml



#21 Endrin ketone

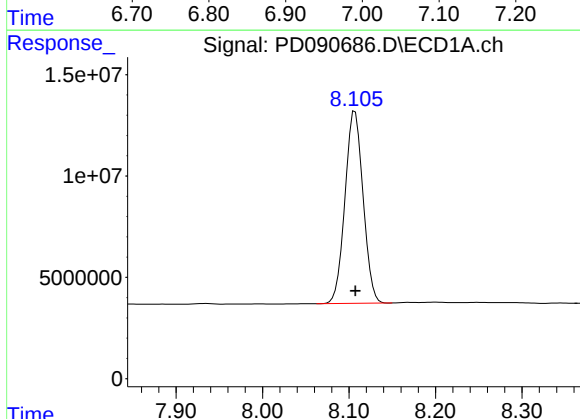
R.T.: 7.625 min  
Delta R.T.: 0.000 min  
Response: 224711537  
Conc: 46.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD



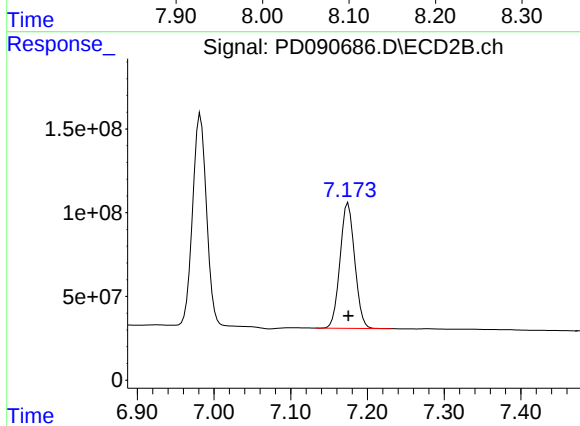
#21 Endrin ketone

R.T.: 6.982 min  
Delta R.T.: 0.000 min  
Response: 1594198782  
Conc: 42.27 ng/ml



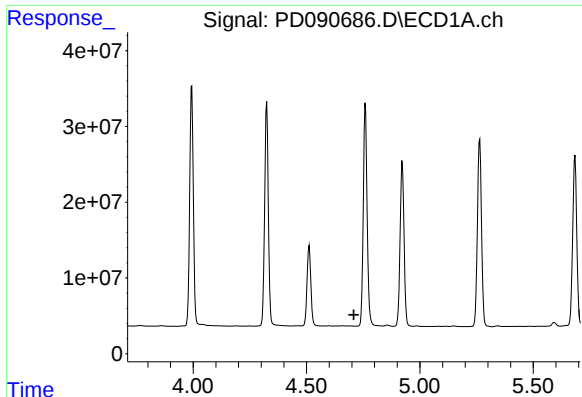
#22 Mirex

R.T.: 8.107 min  
Delta R.T.: 0.000 min  
Response: 137365992  
Conc: 42.92 ng/ml



#22 Mirex

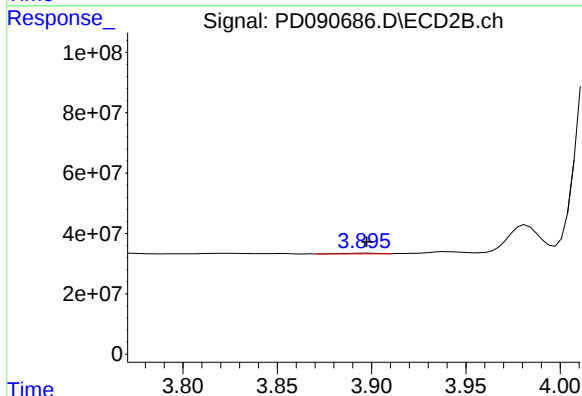
R.T.: 7.175 min  
Delta R.T.: 0.000 min  
Response: 994042396  
Conc: 38.69 ng/ml



#23 Chlordane-1

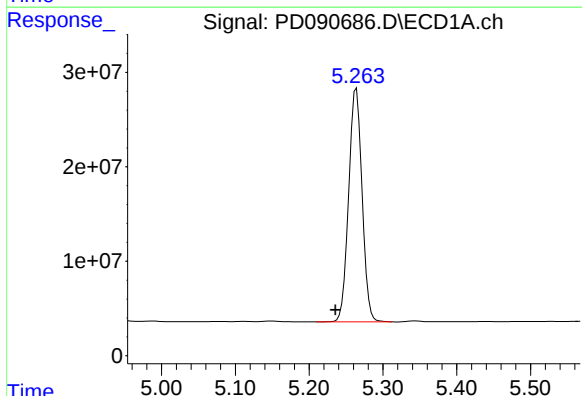
R.T.: 0.000 min  
Exp R.T.: 4.709 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD



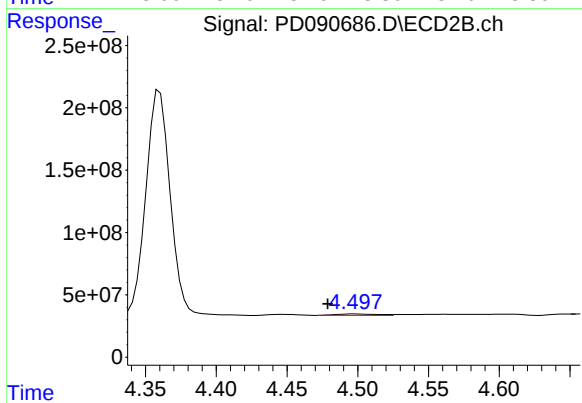
#23 Chlordane-1

R.T.: 3.896 min  
Delta R.T.: -0.001 min  
Response: 2030263  
Conc: 1.63 ng/ml



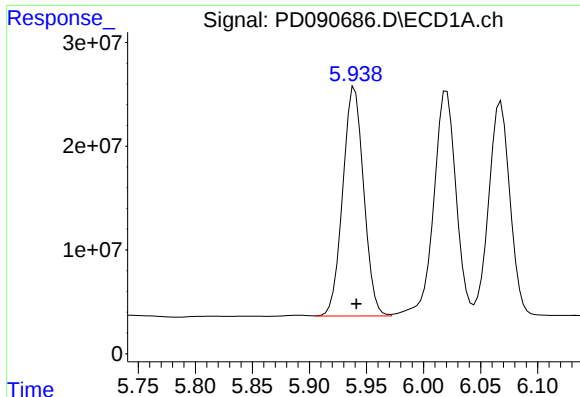
#24 Chlordane-2

R.T.: 5.264 min  
Delta R.T.: 0.028 min  
Response: 311873895  
Conc: 1614.84 ng/ml



#24 Chlordane-2

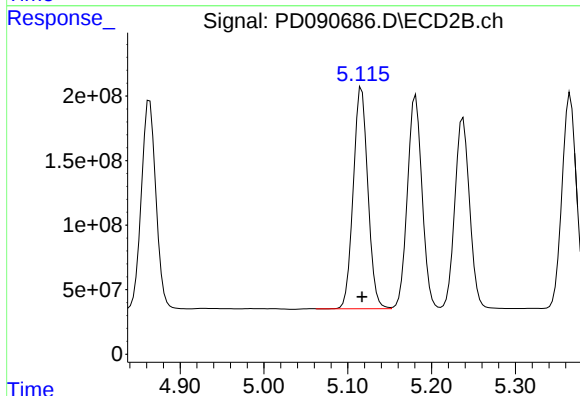
R.T.: 4.498 min  
Delta R.T.: 0.019 min  
Response: 24369675  
Conc: 18.68 ng/ml



#25 Chlordane-3

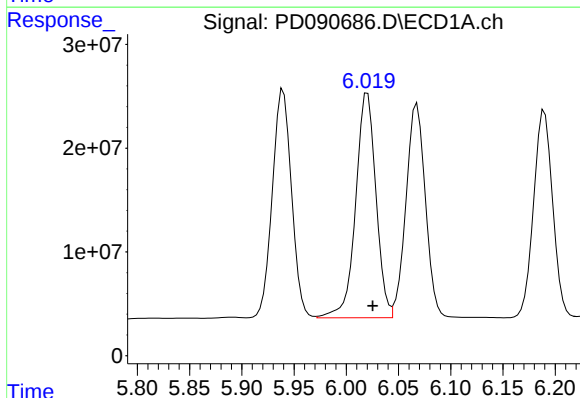
R.T.: 5.940 min  
Delta R.T.: -0.002 min  
Response: 281809889  
Conc: 369.46 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD



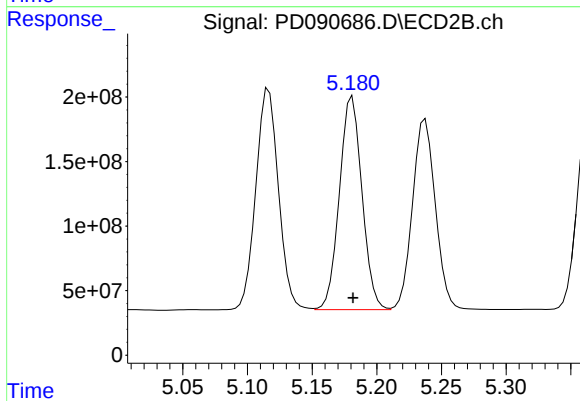
#25 Chlordane-3

R.T.: 5.116 min  
Delta R.T.: 0.000 min  
Response: 2082484608  
Conc: 535.13 ng/ml



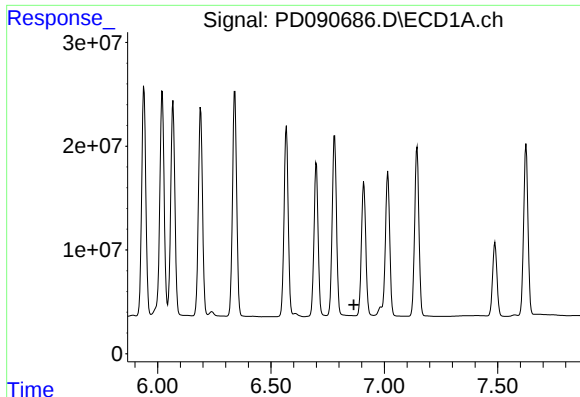
#26 Chlordane-4

R.T.: 6.020 min  
Delta R.T.: -0.005 min  
Response: 292693134  
Conc: 302.09 ng/ml



#26 Chlordane-4

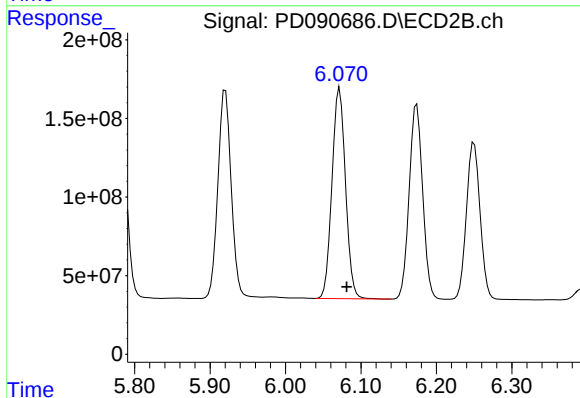
R.T.: 5.181 min  
Delta R.T.: 0.000 min  
Response: 2000631261  
Conc: 598.77 ng/ml



#27 Chlordane-5

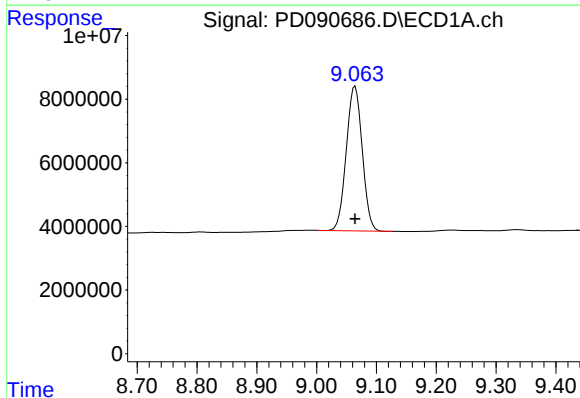
R.T.: 0.000 min  
Exp R.T.: 6.866 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-ROLLOFF-WC-1MSD



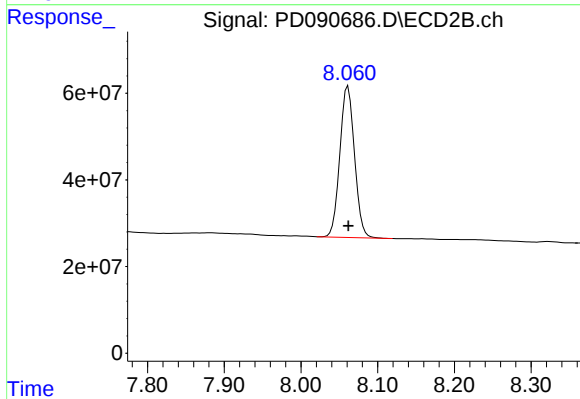
#27 Chlordane-5

R.T.: 6.072 min  
Delta R.T.: -0.009 min  
Response: 1671909916  
Conc: 1132.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min  
Delta R.T.: 0.000 min  
Response: 84183979  
Conc: 18.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min  
Delta R.T.: 0.000 min  
Response: 464175250  
Conc: 15.32 ng/ml