

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122422\  
 Data File : PD073464.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Dec 2022 17:28  
 Operator : AR\AJ  
 Sample : N6190-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 LOCATION-1MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 24 06:28:19 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121622.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 16 15:46:21 2022  
 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... | 2.694 | 3.457 | 47848721 | 2392.2E6 | 22.831 | 24.325 |
| 2)                          | SA Decachlor... | 7.825 | 8.910 | 52436841 | 443.9E6  | 21.657 | 25.182 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.197 | 3.921 | 190.4E6  | 7298.0E6 | 55.035 | 54.602 |
| 3)                          | MA gamma-BHC... | 3.527 | 4.254 | 157.1E6  | 5400.3E6 | 57.118 | 54.730 |
| 4)                          | MA Heptachlor   | 3.859 | 4.821 | 174.2E6  | 3636.4E6 | 55.679 | 57.064 |
| 5)                          | MB Aldrin       | 4.138 | 5.159 | 180.1E6  | 3340.6E6 | 58.123 | 60.629 |
| 6)                          | B beta-BHC      | 3.829 | 4.470 | 65805826 | 1795.9E6 | 51.820 | 52.998 |
| 7)                          | B delta-BHC     | 4.058 | 4.714 | 156.0E6  | 3598.2E6 | 49.538 | 54.227 |
| 8)                          | B Heptachlo...  | 4.642 | 5.591 | 153.5E6  | 2682.7E6 | 55.376 | 60.179 |
| 9)                          | A Endosulfan I  | 5.012 | 5.976 | 143.2E6  | 2449.6E6 | 54.094 | 59.002 |
| 10)                         | B gamma-Chl...  | 4.891 | 5.845 | 155.2E6  | 2518.4E6 | 54.378 | 56.340 |
| 11)                         | B alpha-Chl...  | 4.955 | 5.921 | 154.0E6  | 2616.4E6 | 54.672 | 59.788 |
| 12)                         | B 4,4'-DDE      | 5.143 | 6.094 | 152.0E6  | 2609.0E6 | 56.151 | 61.735 |
| 13)                         | MA Dieldrin     | 5.279 | 6.253 | 159.7E6  | 2652.9E6 | 56.580 | 63.149 |
| 14)                         | MA Endrin       | 5.555 | 6.484 | 146.0E6  | 2227.4E6 | 56.870 | 67.798 |
| 15)                         | B Endosulfa...  | 5.854 | 6.715 | 127.2E6  | 2020.9E6 | 53.843 | 63.615 |
| 16)                         | A 4,4'-DDD      | 5.702 | 6.620 | 122.7E6  | 1909.4E6 | 54.406 | 61.115 |
| 17)                         | MA 4,4'-DDT     | 5.951 | 6.928 | 122.2E6  | 1903.7E6 | 55.157 | 62.997 |
| 18)                         | B Endrin al...  | 6.035 | 6.847 | 108.8E6  | 1576.2E6 | 57.804 | 67.235 |
| 19)                         | B Endosulfa...  | 6.258 | 7.079 | 126.5E6  | 1697.4E6 | 53.212 | 62.041 |
| 20)                         | A Methoxychlor  | 6.534 | 7.407 | 71925645 | 790.8E6  | 53.965 | 58.426 |
| 21)                         | B Endrin ke...  | 6.769 | 7.570 | 149.0E6  | 1548.5E6 | 54.833 | 56.399 |
| 22)                         | Mirex           | 6.934 | 8.017 | 113.7E6  | 1045.4E6 | 54.710 | 59.770 |
| -----                       |                 |       |       |          |          |        |        |

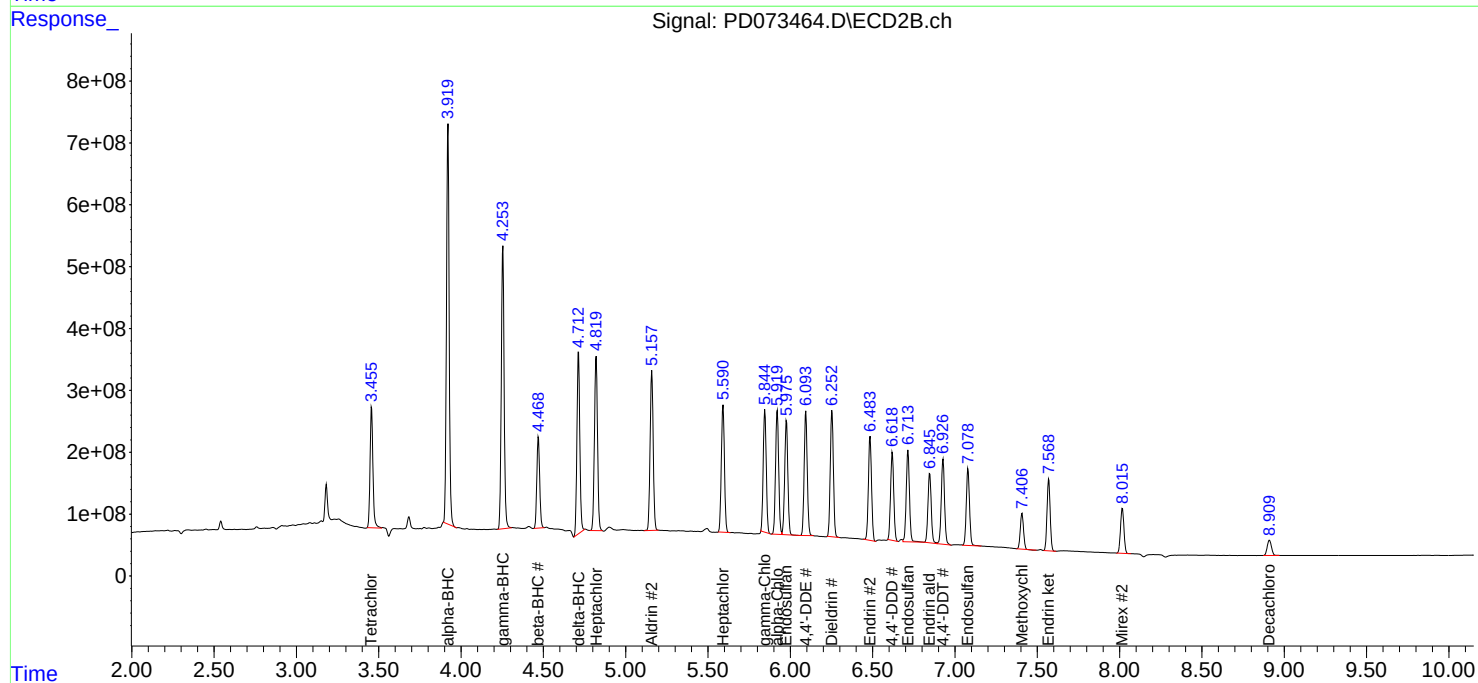
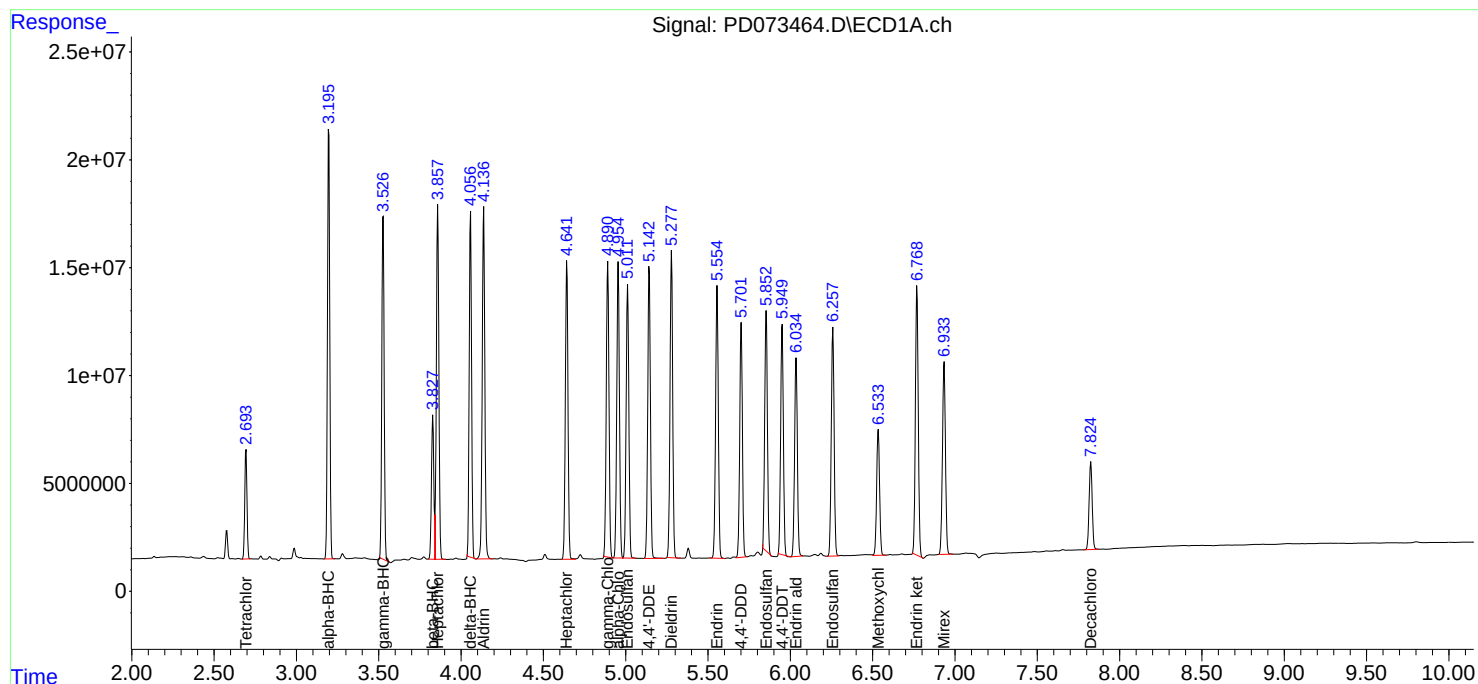
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

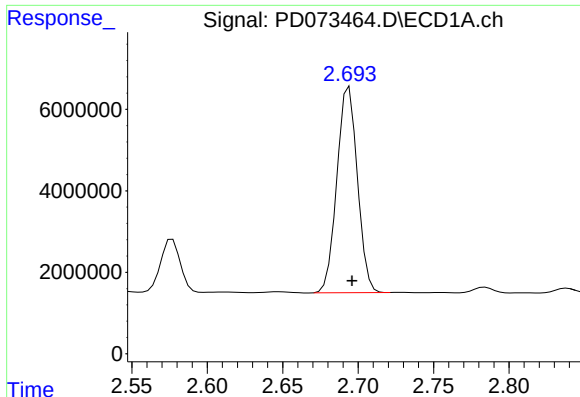
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD122422\  
Data File : PD073464.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Dec 2022 17:28  
Operator : AR\AJ  
Sample : N6190-01MSD  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
LOCATION-1MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 24 06:28:19 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD121622.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 16 15:46:21 2022  
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

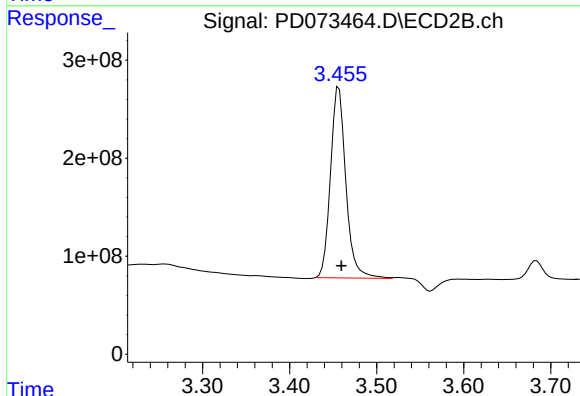




#1 Tetrachloro-m-xylene

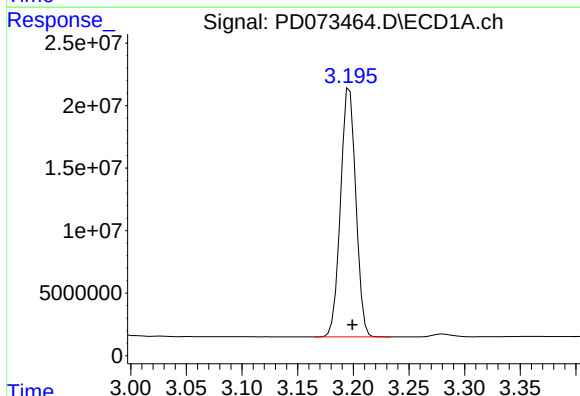
R.T.: 2.694 min  
Delta R.T.: -0.002 min  
Response: 47848721  
Conc: 22.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOCATION-1MSD



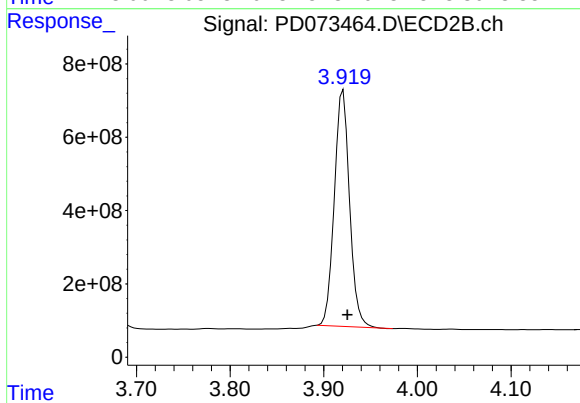
#1 Tetrachloro-m-xylene

R.T.: 3.457 min  
Delta R.T.: -0.003 min  
Response: 2392249142  
Conc: 24.32 ng/ml



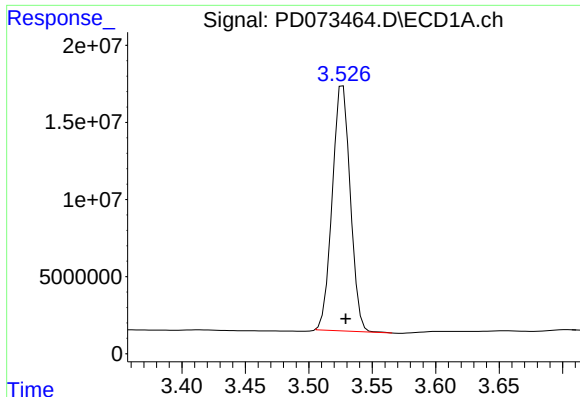
#2 alpha-BHC

R.T.: 3.197 min  
Delta R.T.: -0.002 min  
Response: 190358065  
Conc: 55.03 ng/ml



#2 alpha-BHC

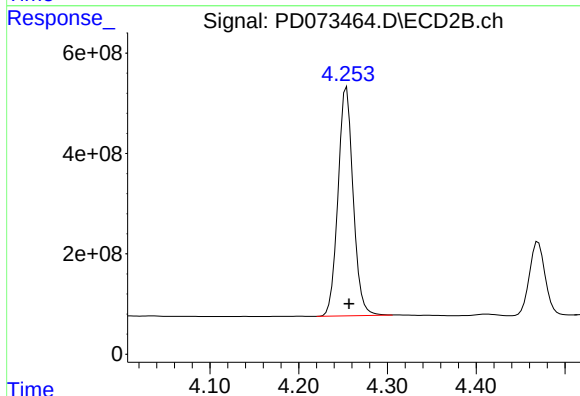
R.T.: 3.921 min  
Delta R.T.: -0.005 min  
Response: 7297990390  
Conc: 54.60 ng/ml



#3 gamma-BHC (Lindane)

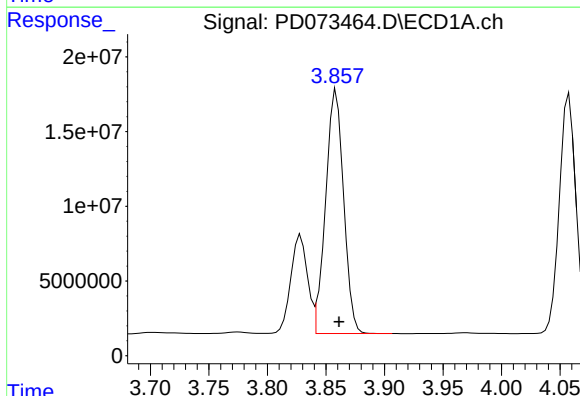
R.T.: 3.527 min  
Delta R.T.: -0.002 min  
Response: 157056548  
Conc: 57.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOCATION-1MSD



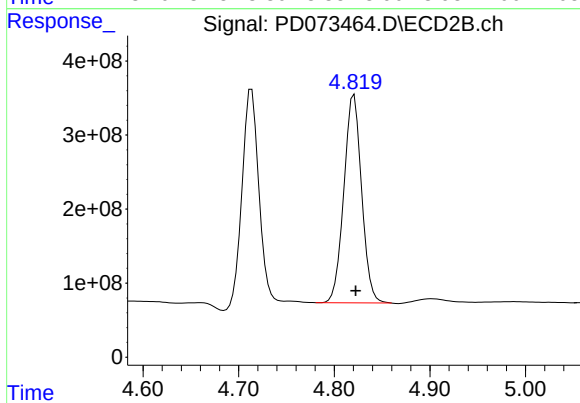
#3 gamma-BHC (Lindane)

R.T.: 4.254 min  
Delta R.T.: -0.003 min  
Response: 5400260077  
Conc: 54.73 ng/ml



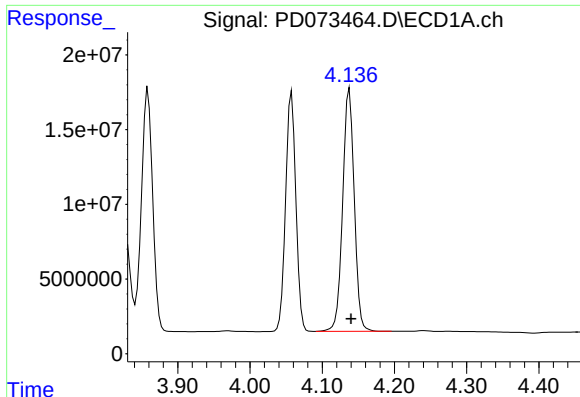
#4 Heptachlor

R.T.: 3.859 min  
Delta R.T.: -0.002 min  
Response: 174177129  
Conc: 55.68 ng/ml



#4 Heptachlor

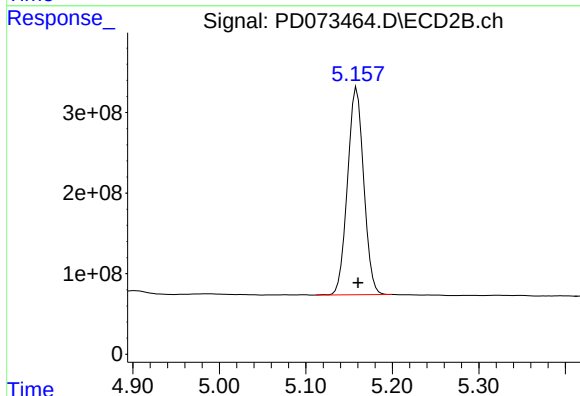
R.T.: 4.821 min  
Delta R.T.: -0.002 min  
Response: 3636378364  
Conc: 57.06 ng/ml



#5 Aldrin

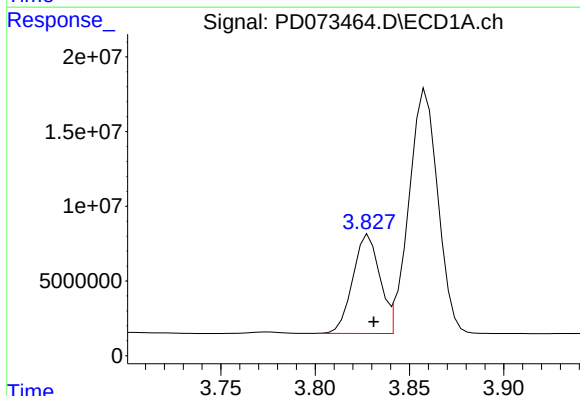
R.T.: 4.138 min  
Delta R.T.: -0.002 min  
Response: 180073875  
Conc: 58.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOCATION-1MSD



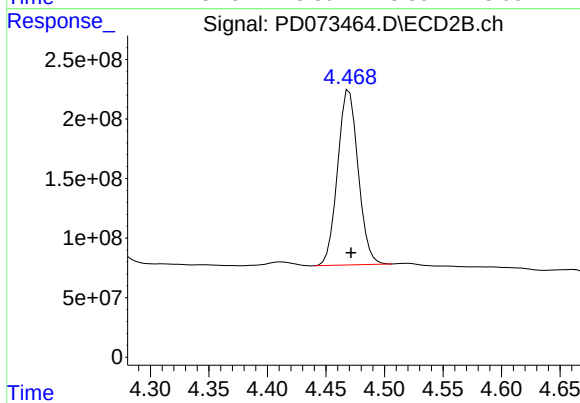
#5 Aldrin

R.T.: 5.159 min  
Delta R.T.: -0.002 min  
Response: 3340599091  
Conc: 60.63 ng/ml



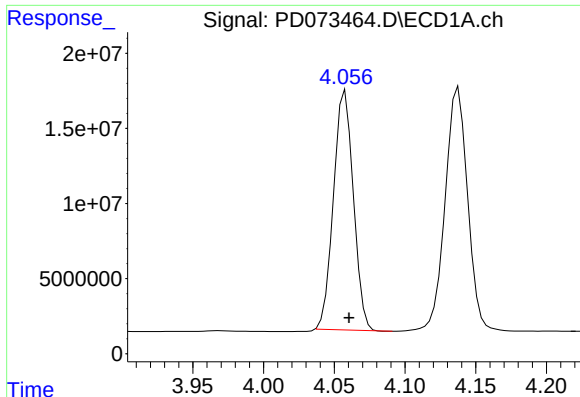
#6 beta-BHC

R.T.: 3.829 min  
Delta R.T.: -0.003 min  
Response: 65805826  
Conc: 51.82 ng/ml



#6 beta-BHC

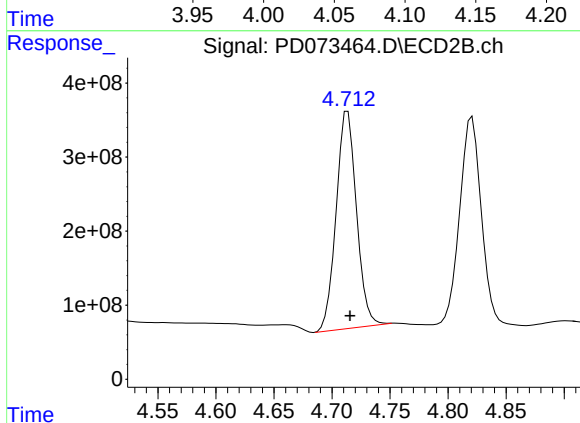
R.T.: 4.470 min  
Delta R.T.: -0.002 min  
Response: 1795870214  
Conc: 53.00 ng/ml



#7 delta-BHC

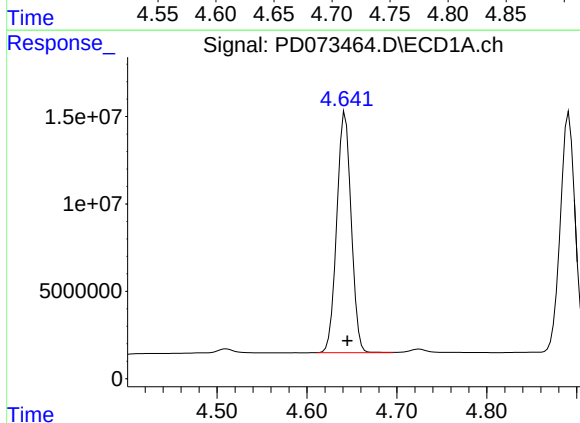
R.T.: 4.058 min  
Delta R.T.: -0.003 min  
Response: 155968301  
Conc: 49.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOCATION-1MSD



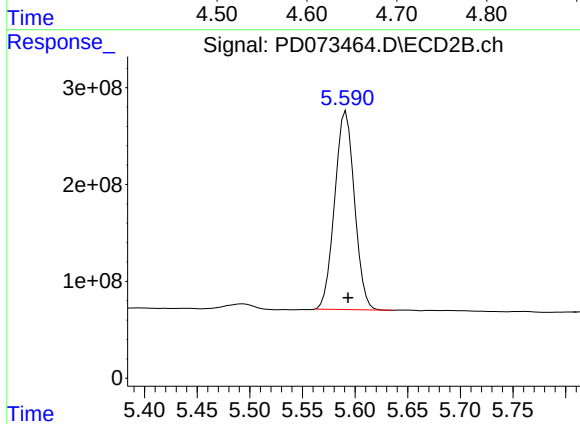
#7 delta-BHC

R.T.: 4.714 min  
Delta R.T.: -0.002 min  
Response: 3598165507  
Conc: 54.23 ng/ml



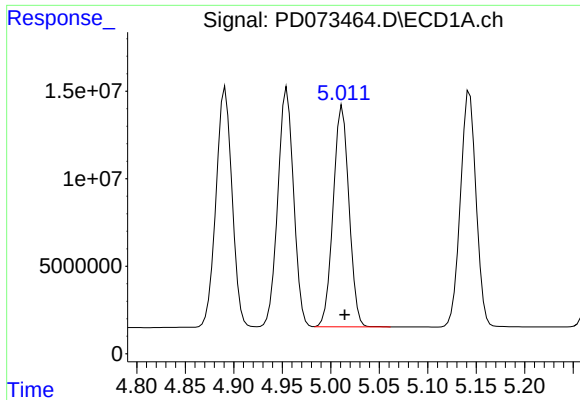
#8 Heptachlor epoxide

R.T.: 4.642 min  
Delta R.T.: -0.003 min  
Response: 153482487  
Conc: 55.38 ng/ml



#8 Heptachlor epoxide

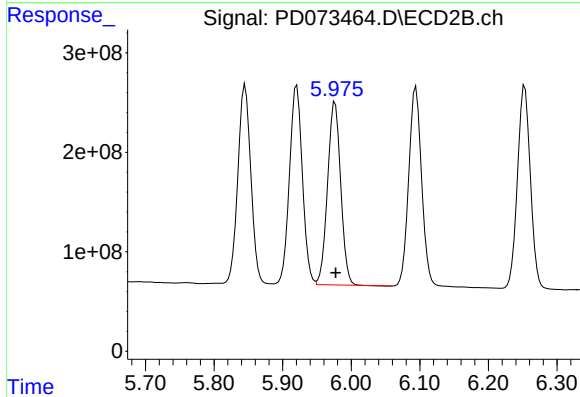
R.T.: 5.591 min  
Delta R.T.: -0.002 min  
Response: 2682707998  
Conc: 60.18 ng/ml



#9 Endosulfan I

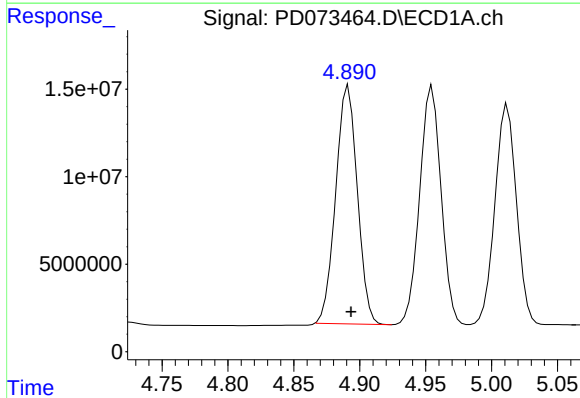
R.T.: 5.012 min  
Delta R.T.: -0.002 min  
Response: 143161878  
Conc: 54.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOCATION-1MSD



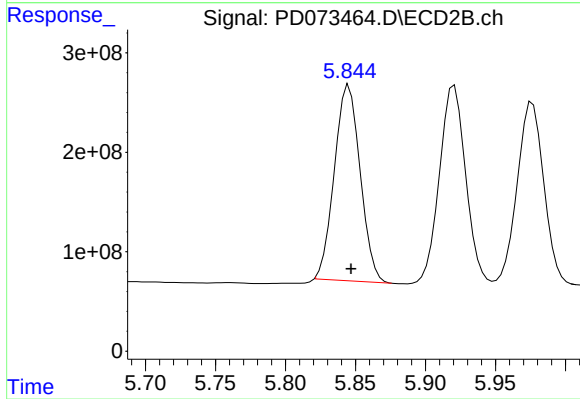
#9 Endosulfan I

R.T.: 5.976 min  
Delta R.T.: 0.000 min  
Response: 2449563877  
Conc: 59.00 ng/ml



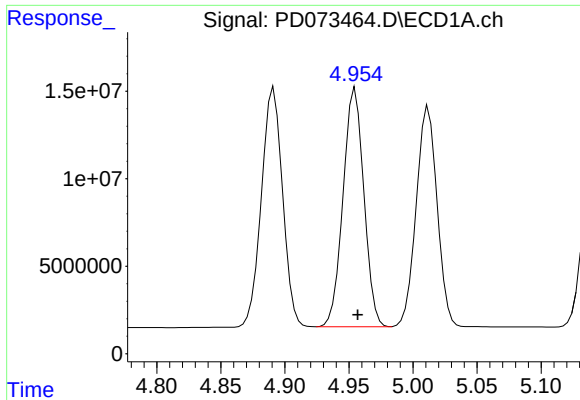
#10 gamma-Chlordane

R.T.: 4.891 min  
Delta R.T.: -0.002 min  
Response: 155159698  
Conc: 54.38 ng/ml



#10 gamma-Chlordane

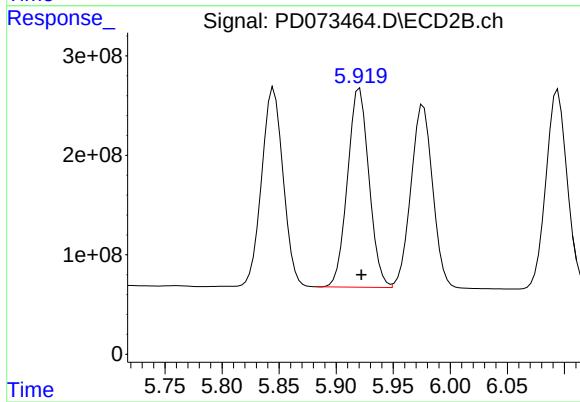
R.T.: 5.845 min  
Delta R.T.: -0.001 min  
Response: 2518361718  
Conc: 56.34 ng/ml



#11 alpha-Chlordane

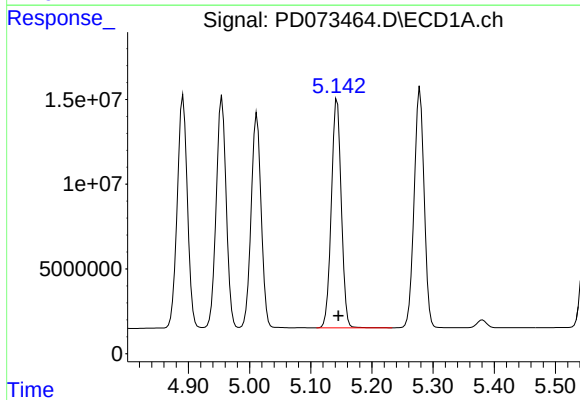
R.T.: 4.955 min  
Delta R.T.: -0.002 min  
Response: 154023819  
Conc: 54.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOCATION-1MSD



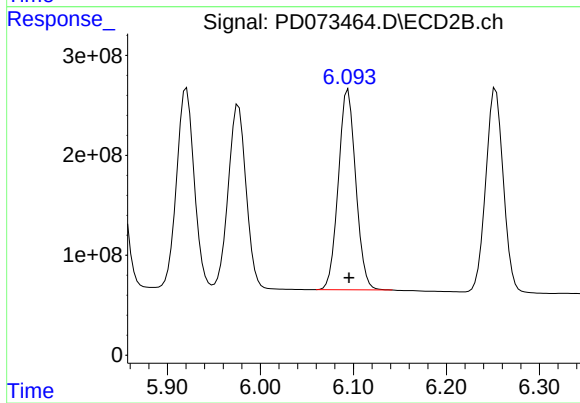
#11 alpha-Chlordane

R.T.: 5.921 min  
Delta R.T.: -0.001 min  
Response: 2616424172  
Conc: 59.79 ng/ml



#12 4,4'-DDE

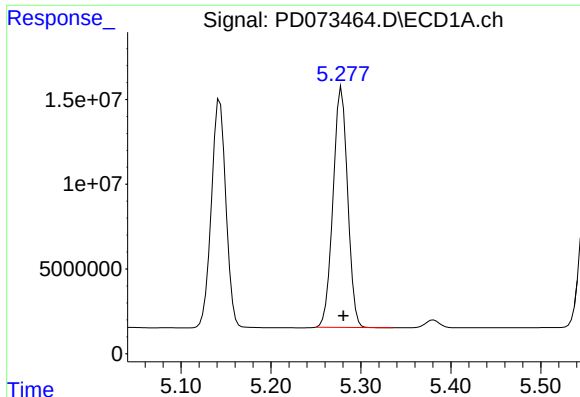
R.T.: 5.143 min  
Delta R.T.: -0.002 min  
Response: 152047436  
Conc: 56.15 ng/ml



#12 4,4'-DDE

R.T.: 6.094 min  
Delta R.T.: -0.001 min  
Response: 2608995593  
Conc: 61.74 ng/ml

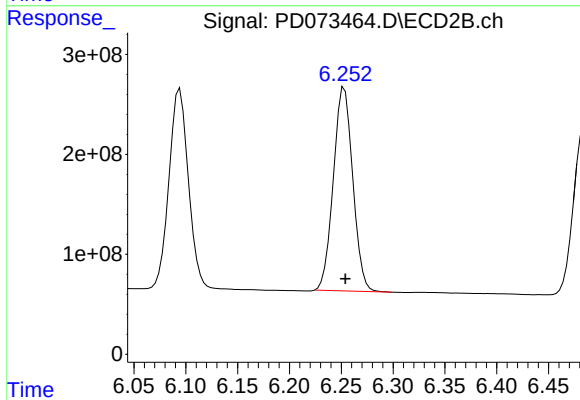




#13 Dieldrin

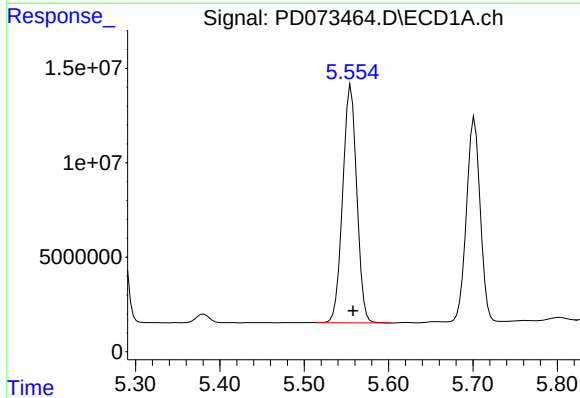
R.T.: 5.279 min  
Delta R.T.: -0.002 min  
Response: 159667677  
Conc: 56.58 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOCATION-1MSD



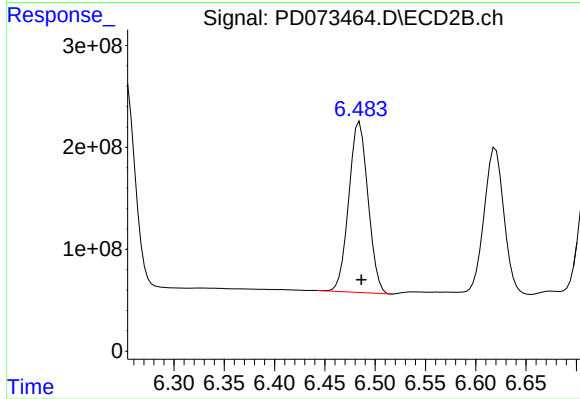
#13 Dieldrin

R.T.: 6.253 min  
Delta R.T.: -0.001 min  
Response: 2652868173  
Conc: 63.15 ng/ml



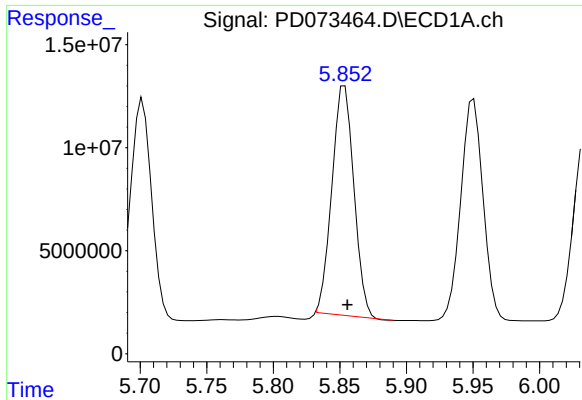
#14 Endrin

R.T.: 5.555 min  
Delta R.T.: -0.002 min  
Response: 146023683  
Conc: 56.87 ng/ml



#14 Endrin

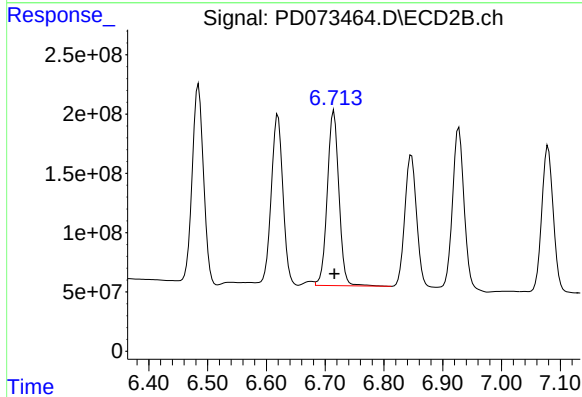
R.T.: 6.484 min  
Delta R.T.: -0.002 min  
Response: 2227421039  
Conc: 67.80 ng/ml



#15 Endosulfan II

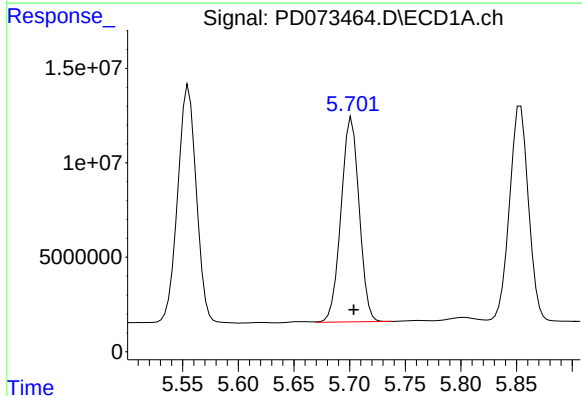
R.T.: 5.854 min  
Delta R.T.: -0.002 min  
Response: 127209281  
Conc: 53.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOCATION-1MSD



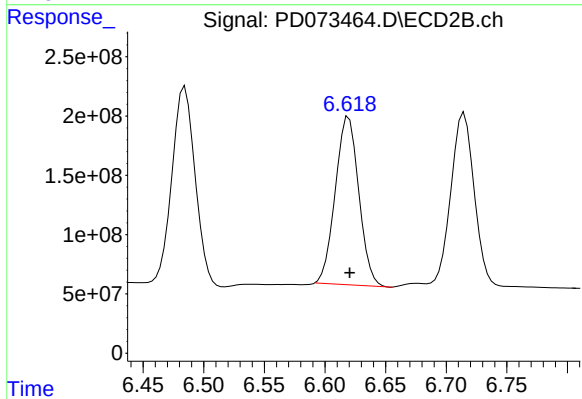
#15 Endosulfan II

R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 2020863031  
Conc: 63.62 ng/ml



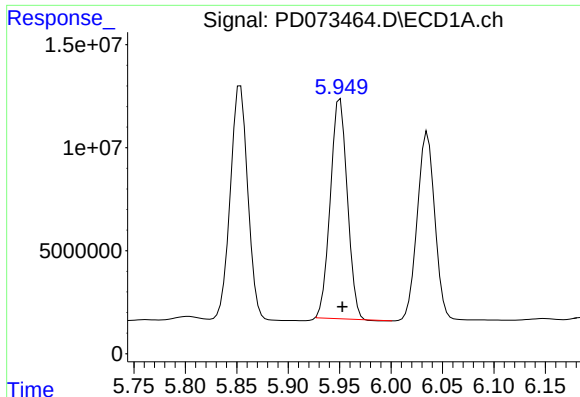
#16 4,4'-DDD

R.T.: 5.702 min  
Delta R.T.: -0.002 min  
Response: 122709216  
Conc: 54.41 ng/ml



#16 4,4'-DDD

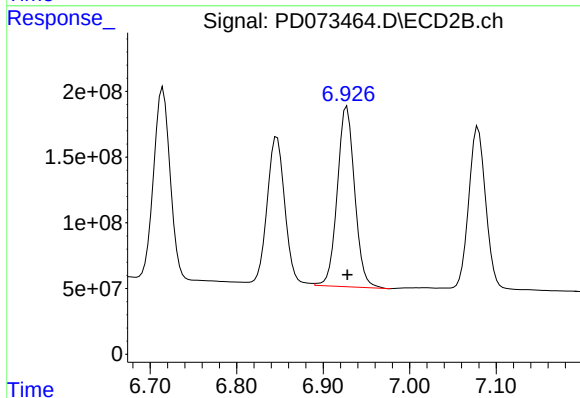
R.T.: 6.620 min  
Delta R.T.: 0.000 min  
Response: 1909413190  
Conc: 61.11 ng/ml



#17 4,4'-DDT

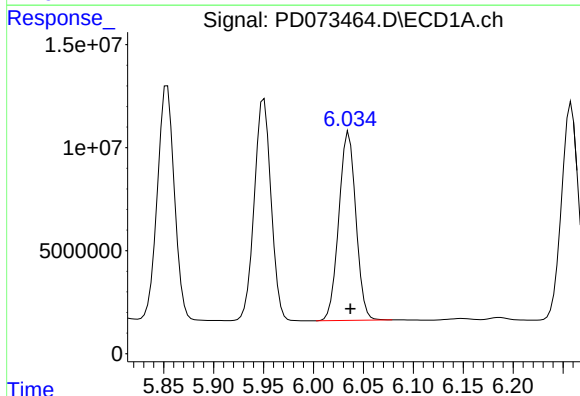
R.T.: 5.951 min  
Delta R.T.: -0.002 min  
Response: 122181044  
Conc: 55.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOCATION-1MSD



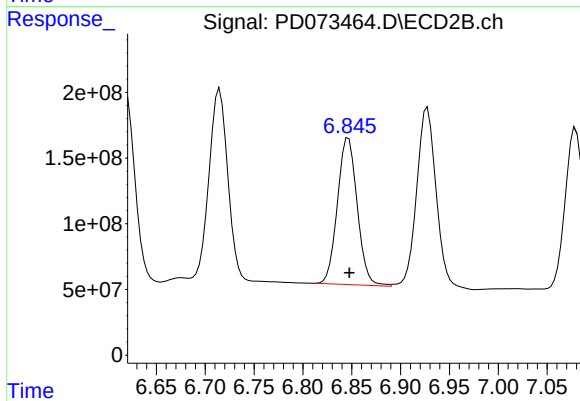
#17 4,4'-DDT

R.T.: 6.928 min  
Delta R.T.: 0.000 min  
Response: 1903723483  
Conc: 63.00 ng/ml



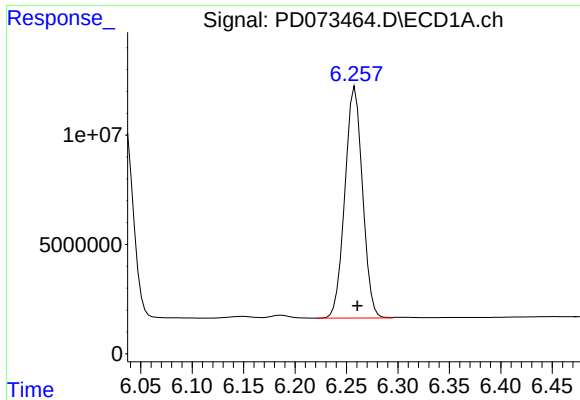
#18 Endrin aldehyde

R.T.: 6.035 min  
Delta R.T.: -0.001 min  
Response: 108806664  
Conc: 57.80 ng/ml



#18 Endrin aldehyde

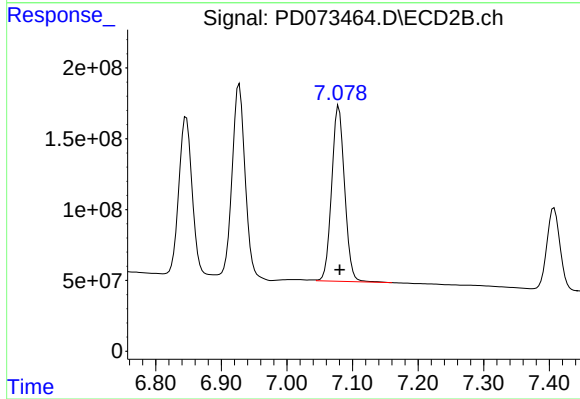
R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 1576194202  
Conc: 67.23 ng/ml



#19 Endosulfan Sulfate

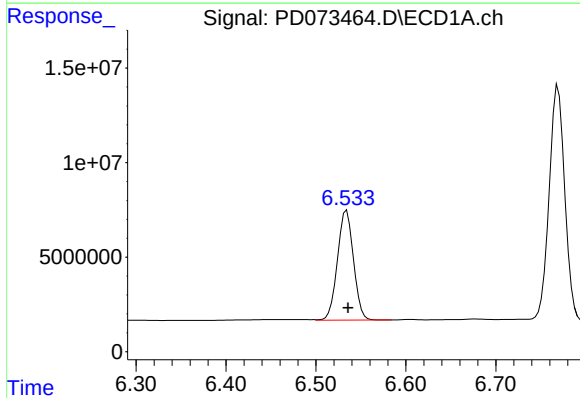
R.T.: 6.258 min  
Delta R.T.: -0.002 min  
Response: 126476679  
Conc: 53.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOCATION-1MSD



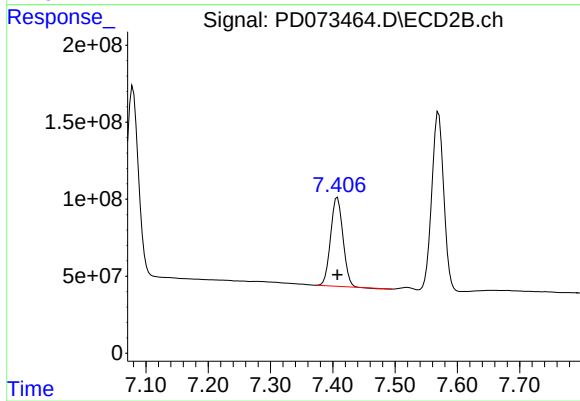
#19 Endosulfan Sulfate

R.T.: 7.079 min  
Delta R.T.: -0.001 min  
Response: 1697440201  
Conc: 62.04 ng/ml



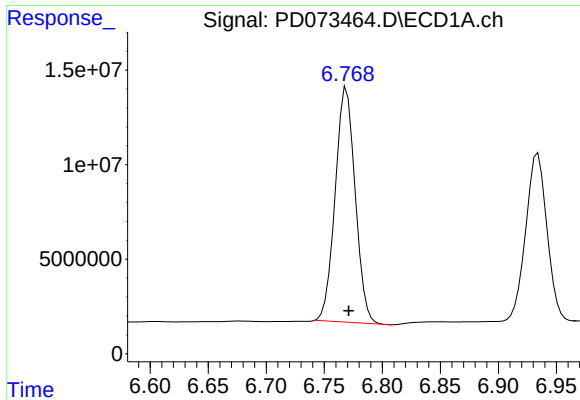
#20 Methoxychlor

R.T.: 6.534 min  
Delta R.T.: -0.002 min  
Response: 71925645  
Conc: 53.97 ng/ml



#20 Methoxychlor

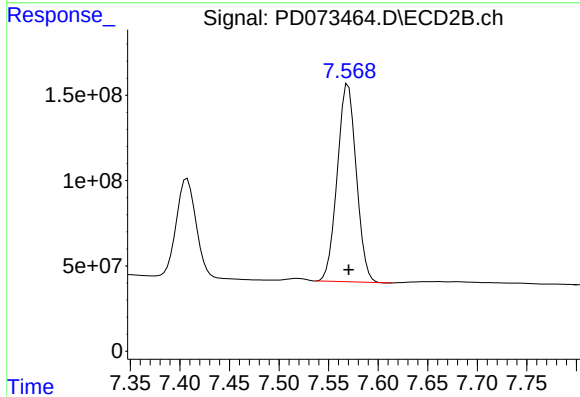
R.T.: 7.407 min  
Delta R.T.: 0.000 min  
Response: 790821329  
Conc: 58.43 ng/ml



#21 Endrin ketone

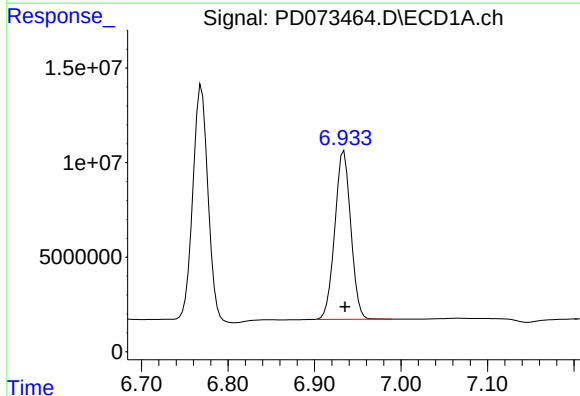
R.T.: 6.769 min  
Delta R.T.: -0.002 min  
Response: 149006546  
Conc: 54.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOCATION-1MSD



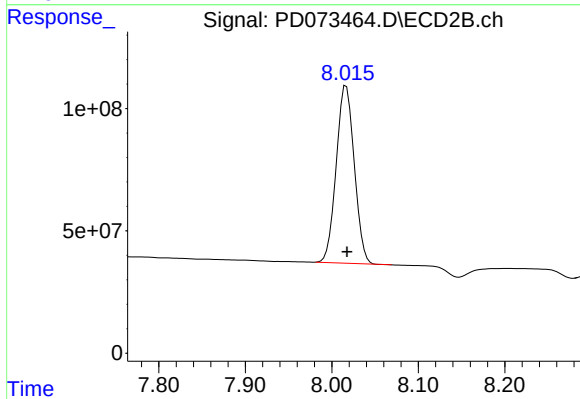
#21 Endrin ketone

R.T.: 7.570 min  
Delta R.T.: 0.000 min  
Response: 1548513698  
Conc: 56.40 ng/ml



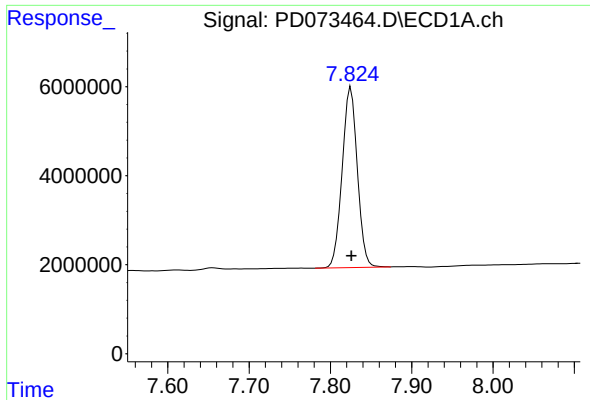
#22 Mirex

R.T.: 6.934 min  
Delta R.T.: -0.001 min  
Response: 113721186  
Conc: 54.71 ng/ml



#22 Mirex

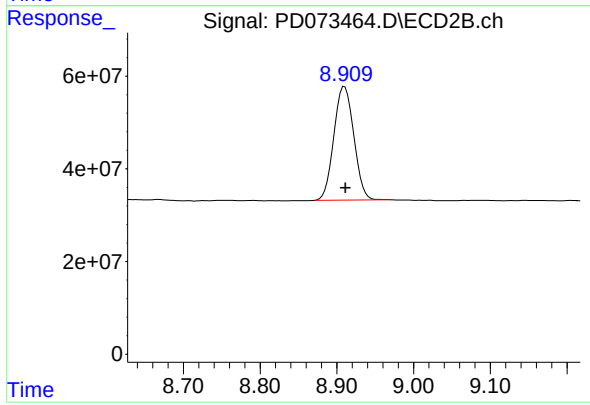
R.T.: 8.017 min  
Delta R.T.: -0.001 min  
Response: 1045400207  
Conc: 59.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.825 min  
Delta R.T.: 0.000 min  
Response: 52436841  
Conc: 21.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
LOCATION-1MSD



#28 Decachlorobiphenyl

R.T.: 8.910 min  
Delta R.T.: -0.001 min  
Response: 443907266  
Conc: 25.18 ng/ml