

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040921\  
 Data File : PD062085.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Apr 2021 16:42  
 Operator : AR\AJ  
 Sample : M1963-07MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 S-4MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 09 17:42:38 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 30 04:47:56 2021  
 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... | 3.484 | 3.980 | 20595943 | 236.4E6 | 24.598 | 27.211 |
| 28)                         | SA Decachlor... | 8.255 | 9.038 | 28120173 | 189.7E6 | 22.854 | 20.089 |
| Target Compounds            |                 |       |       |          |         |        |        |
| 2)                          | A alpha-BHC     | 3.924 | 4.369 | 73742620 | 811.7E6 | 58.386 | 60.346 |
| 3)                          | MA gamma-BHC... | 4.209 | 4.653 | 69735680 | 761.8E6 | 58.736 | 61.069 |
| 4)                          | MA Heptachlor   | 4.512 | 5.162 | 73674257 | 783.4E6 | 63.285 | 60.117 |
| 5)                          | MB Aldrin       | 4.762 | 5.466 | 69819492 | 730.4E6 | 58.176 | 58.695 |
| 6)                          | B beta-BHC      | 4.459 | 4.822 | 31516673 | 322.2E6 | 57.795 | 62.370 |
| 7)                          | B delta-BHC     | 4.665 | 5.040 | 68471294 | 629.4E6 | 56.364 | 47.583 |
| 8)                          | B Heptachlo...  | 5.206 | 5.851 | 66217603 | 599.2E6 | 57.764 | 50.606 |
| 9)                          | A Endosulfan I  | 5.546 | 6.208 | 63674291 | 628.2E6 | 57.985 | 57.954 |
| 10)                         | B gamma-Chl...  | 5.433 | 6.085 | 70749801 | 656.5E6 | 60.400 | 55.382 |
| 11)                         | B alpha-Chl...  | 5.492 | 6.158 | 68186916 | 660.7E6 | 58.680 | 57.954 |
| 12)                         | B 4,4'-DDE      | 5.655 | 6.315 | 70805452 | 704.5E6 | 63.013 | 61.132 |
| 13)                         | MA Dieldrin     | 5.790 | 6.465 | 70261610 | 679.6E6 | 60.786 | 58.874 |
| 14)                         | MA Endrin       | 6.049 | 6.682 | 63778467 | 580.5E6 | 62.071 | 58.658 |
| 15)                         | B Endosulfa...  | 6.322 | 6.891 | 59619639 | 581.9E6 | 58.172 | 61.292 |
| 16)                         | A 4,4'-DDD      | 6.172 | 6.804 | 60654808 | 621.8E6 | 65.176 | 65.671 |
| 17)                         | MA 4,4'-DDT     | 6.413 | 7.103 | 61844648 | 554.4E6 | 68.661 | 58.037 |
| 18)                         | B Endrin al...  | 6.490 | 7.015 | 52898297 | 465.3E6 | 61.916 | 59.165 |
| 19)                         | B Endosulfa...  | 6.704 | 7.238 | 61416669 | 548.7E6 | 56.918 | 54.753 |
| 20)                         | A Methoxychlor  | 6.960 | 7.561 | 33156593 | 258.7E6 | 70.173 | 57.391 |
| 21)                         | B Endrin ke...  | 7.197 | 7.708 | 69981444 | 566.2E6 | 54.834 | 55.825 |
| 22)                         | Mirex           | 7.388 | 8.163 | 53681886 | 349.1E6 | 65.824 | 54.174 |
| -----                       |                 |       |       |          |         |        |        |

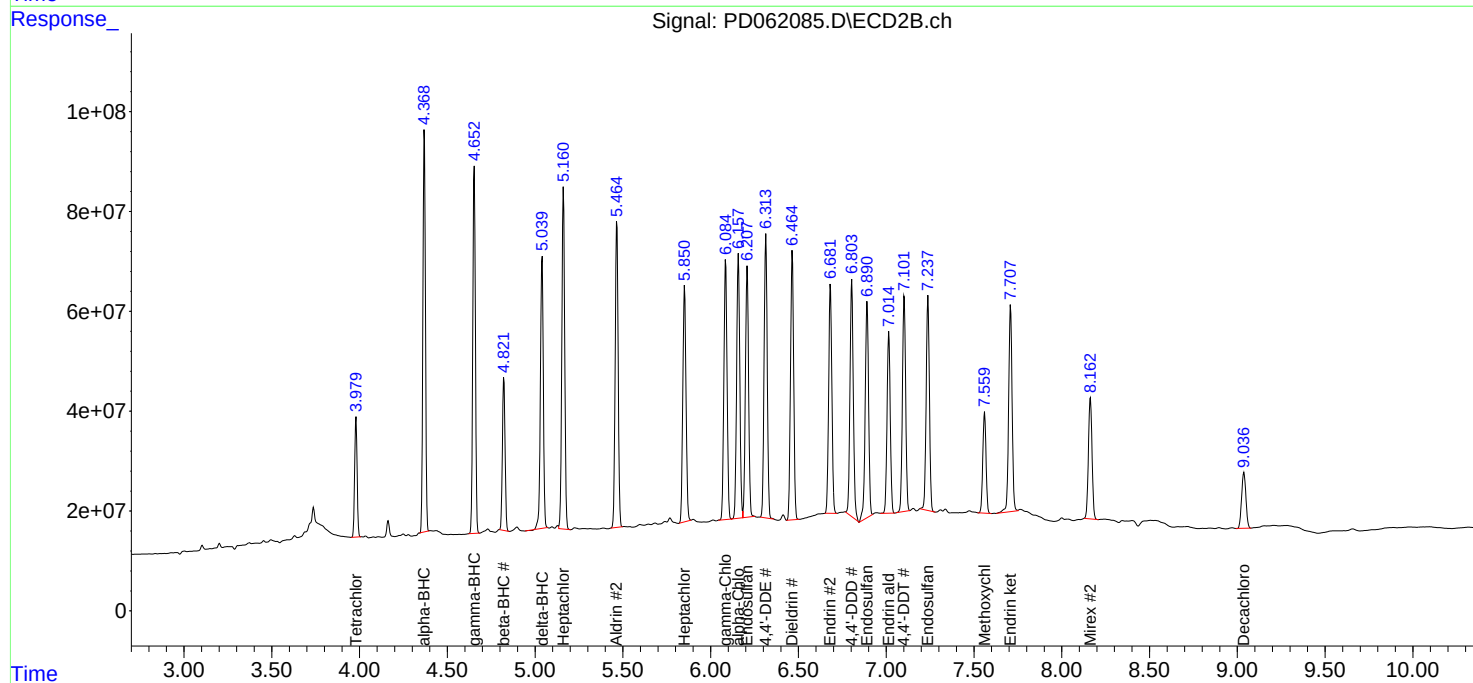
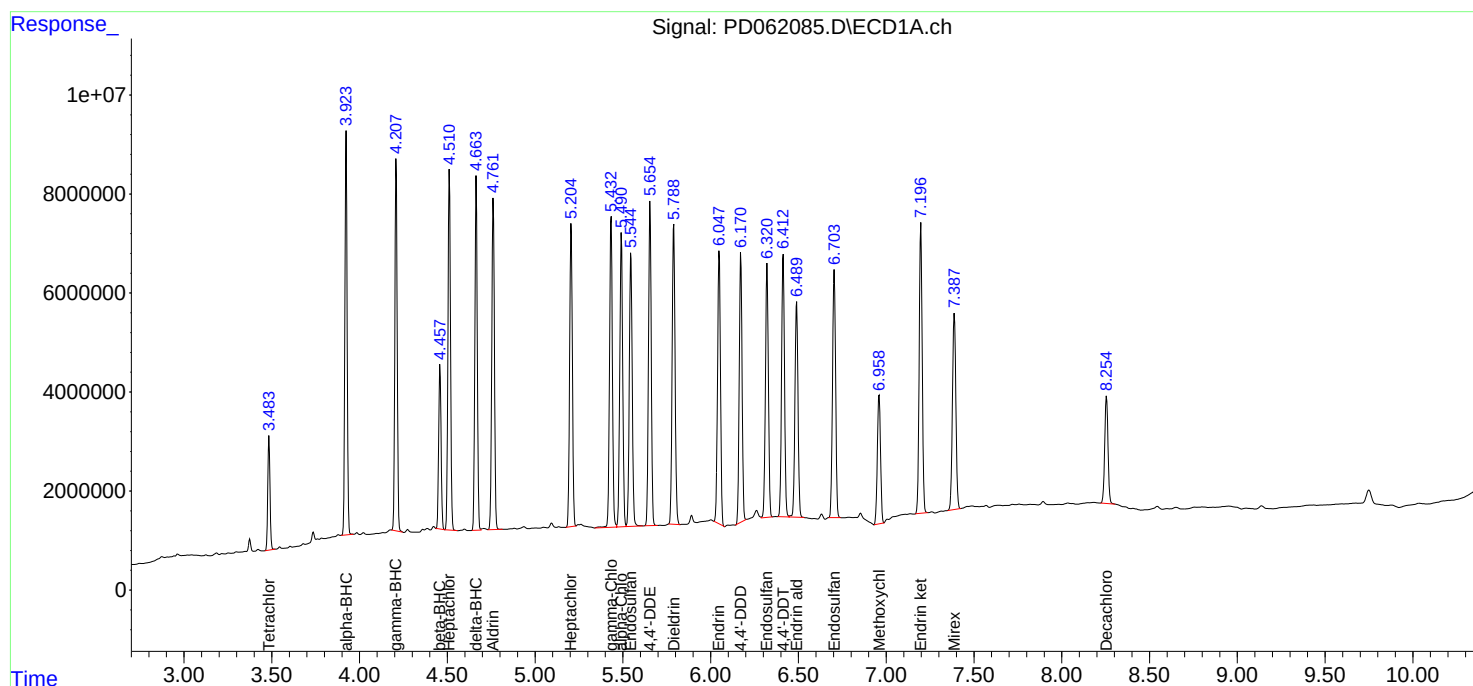
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

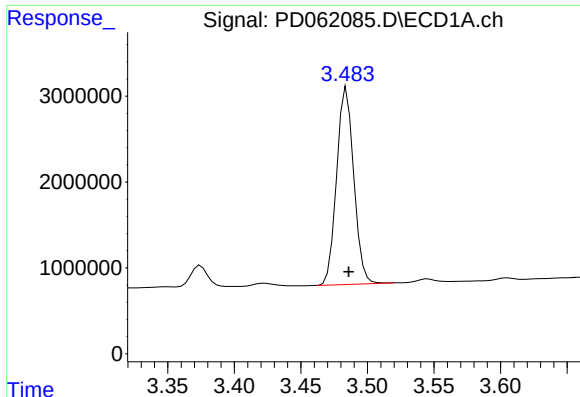
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040921\  
Data File : PD062085.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Apr 2021 16:42  
Operator : AR\AJ  
Sample : M1963-07MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
S-4MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 09 17:42:38 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032921.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 30 04:47:56 2021  
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

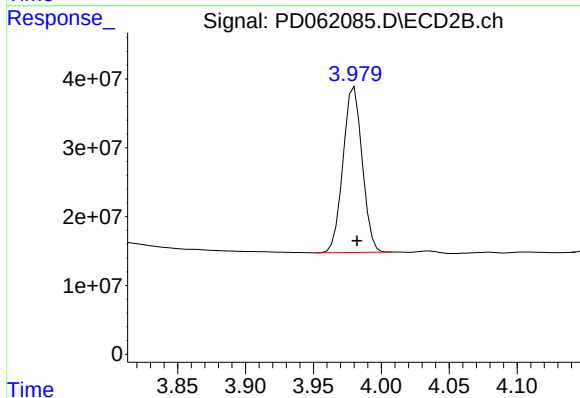




#1 Tetrachloro-m-xylene

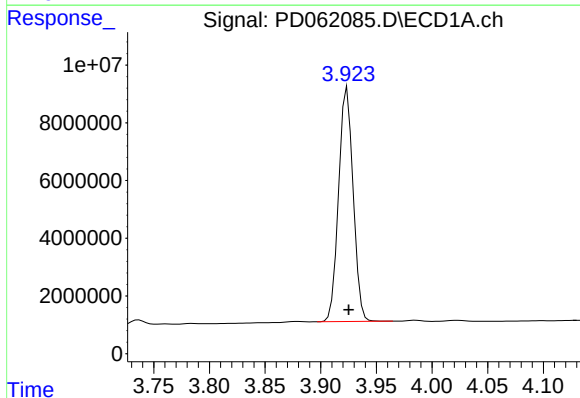
R.T.: 3.484 min  
Delta R.T.: -0.002 min  
Response: 20595943  
Conc: 24.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-4MSD



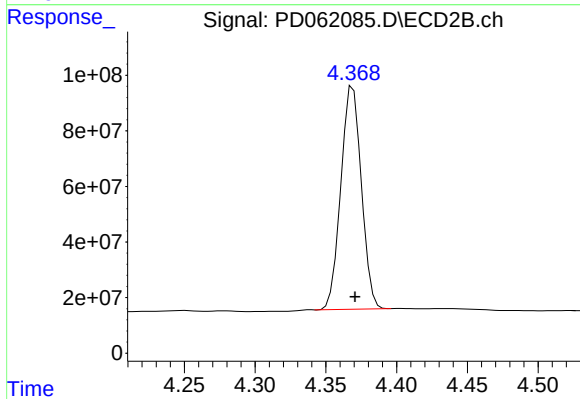
#1 Tetrachloro-m-xylene

R.T.: 3.980 min  
Delta R.T.: -0.002 min  
Response: 236431365  
Conc: 27.21 ng/ml



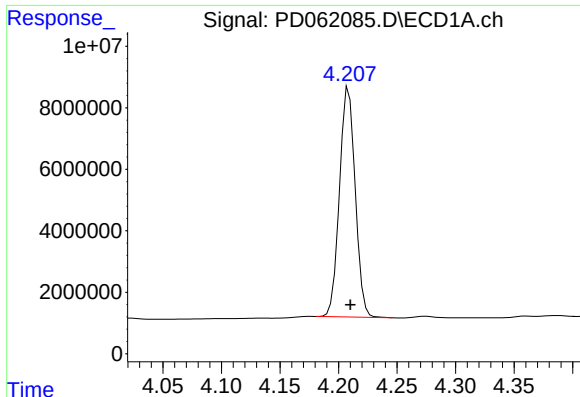
#2 alpha-BHC

R.T.: 3.924 min  
Delta R.T.: -0.001 min  
Response: 73742620  
Conc: 58.39 ng/ml



#2 alpha-BHC

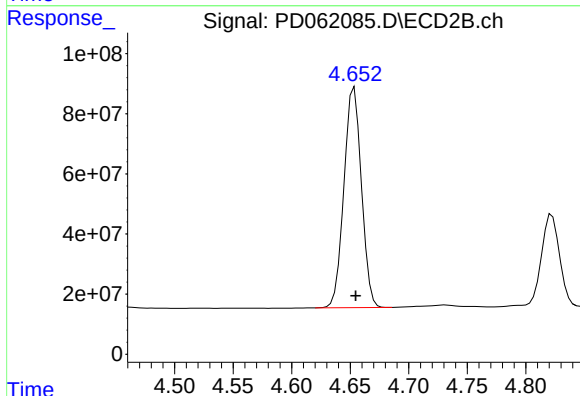
R.T.: 4.369 min  
Delta R.T.: -0.002 min  
Response: 811693813  
Conc: 60.35 ng/ml



#3 gamma-BHC (Lindane)

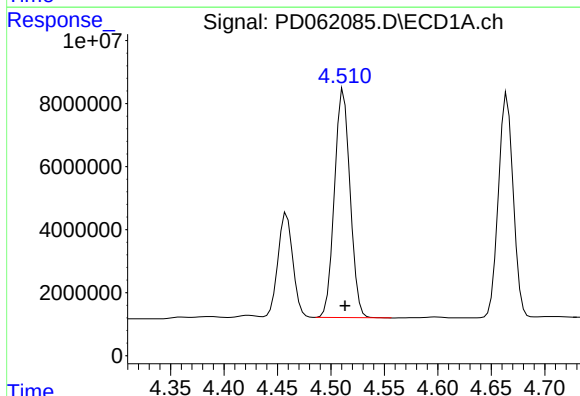
R.T.: 4.209 min  
Delta R.T.: -0.001 min  
Response: 69735680  
Conc: 58.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-4MSD



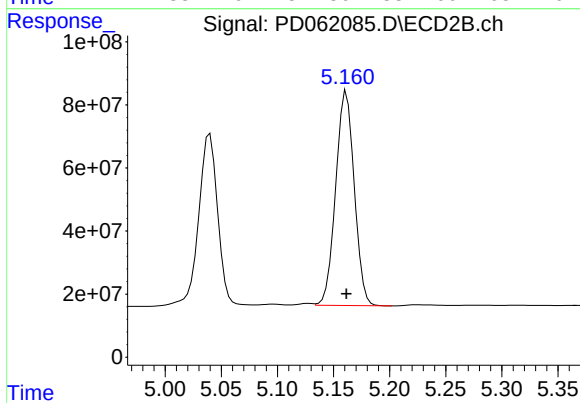
#3 gamma-BHC (Lindane)

R.T.: 4.653 min  
Delta R.T.: -0.001 min  
Response: 761768106  
Conc: 61.07 ng/ml



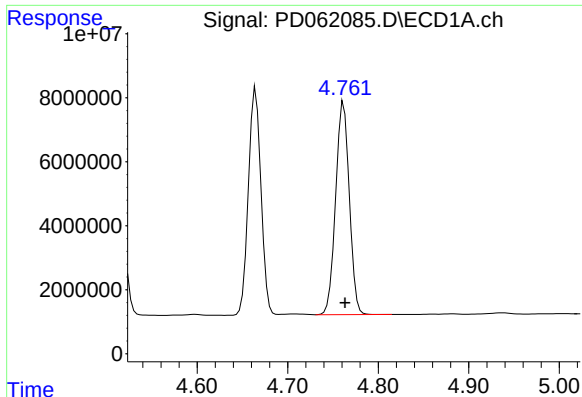
#4 Heptachlor

R.T.: 4.512 min  
Delta R.T.: -0.001 min  
Response: 73674257  
Conc: 63.28 ng/ml



#4 Heptachlor

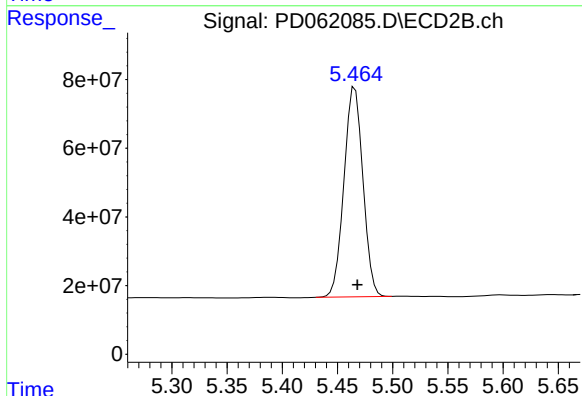
R.T.: 5.162 min  
Delta R.T.: 0.000 min  
Response: 783414449  
Conc: 60.12 ng/ml



#5 Aldrin

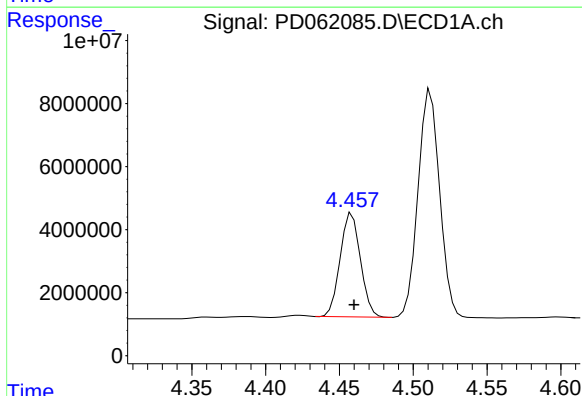
R.T.: 4.762 min  
Delta R.T.: -0.001 min  
Response: 69819492  
Conc: 58.18 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-4MSD



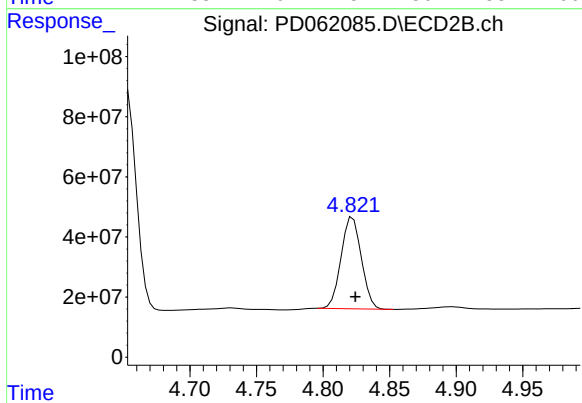
#5 Aldrin

R.T.: 5.466 min  
Delta R.T.: -0.002 min  
Response: 730409377  
Conc: 58.69 ng/ml



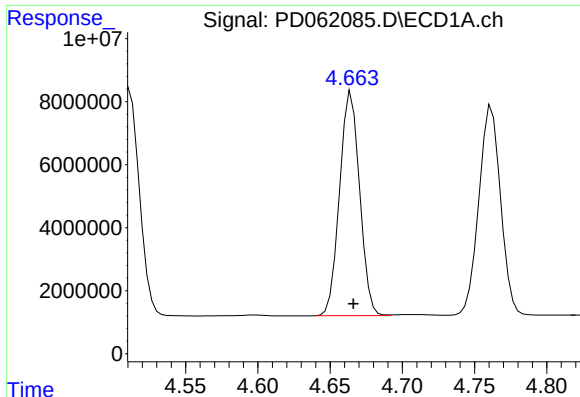
#6 beta-BHC

R.T.: 4.459 min  
Delta R.T.: -0.001 min  
Response: 31516673  
Conc: 57.79 ng/ml



#6 beta-BHC

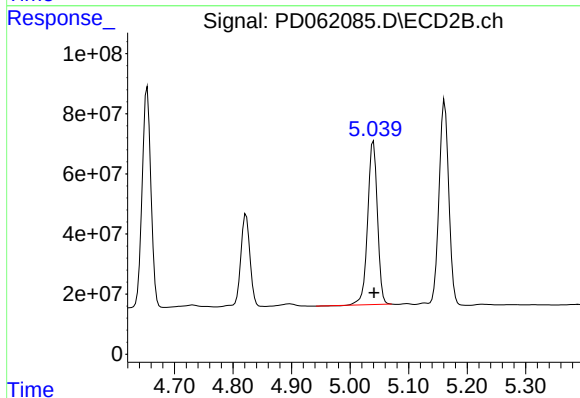
R.T.: 4.822 min  
Delta R.T.: -0.002 min  
Response: 322151920  
Conc: 62.37 ng/ml



#7 delta-BHC

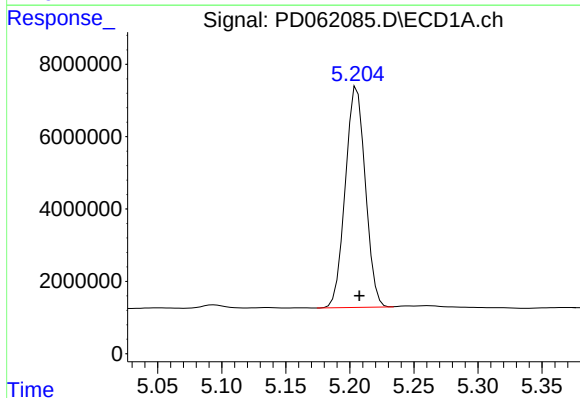
R.T.: 4.665 min  
Delta R.T.: -0.001 min  
Response: 68471294  
Conc: 56.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-4MSD



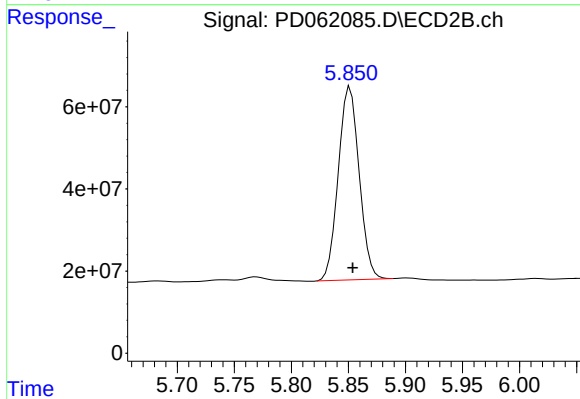
#7 delta-BHC

R.T.: 5.040 min  
Delta R.T.: -0.001 min  
Response: 629388734  
Conc: 47.58 ng/ml



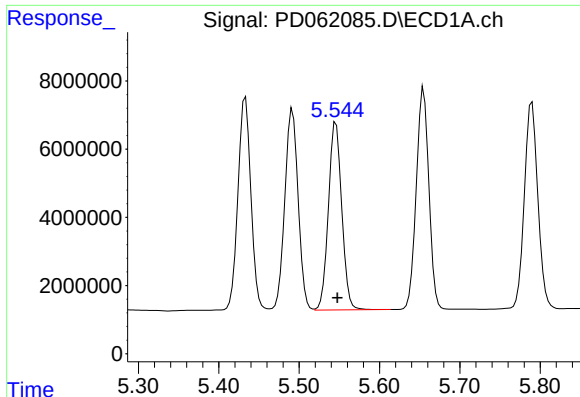
#8 Heptachlor epoxide

R.T.: 5.206 min  
Delta R.T.: -0.002 min  
Response: 66217603  
Conc: 57.76 ng/ml



#8 Heptachlor epoxide

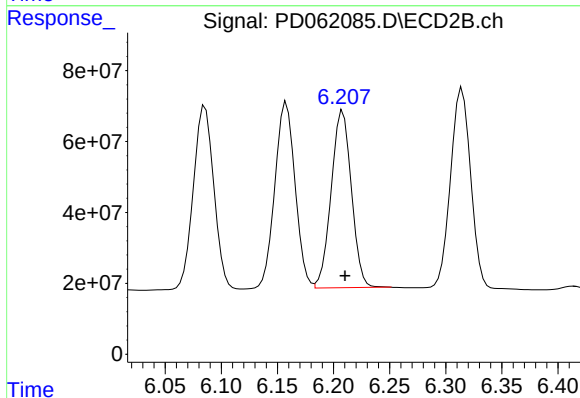
R.T.: 5.851 min  
Delta R.T.: -0.002 min  
Response: 599219779  
Conc: 50.61 ng/ml



#9 Endosulfan I

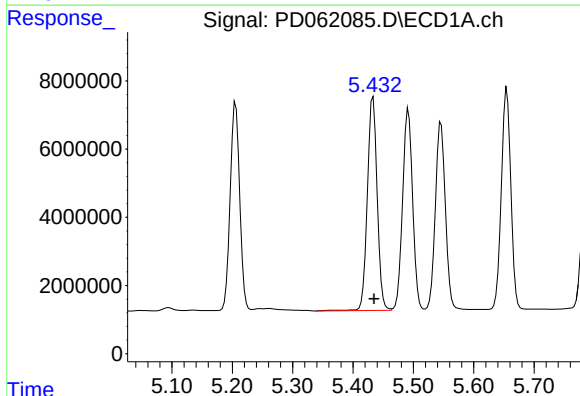
R.T.: 5.546 min  
Delta R.T.: -0.002 min  
Response: 63674291  
Conc: 57.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-4MSD



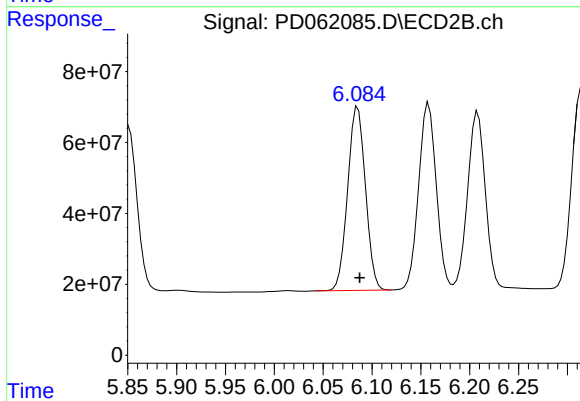
#9 Endosulfan I

R.T.: 6.208 min  
Delta R.T.: -0.002 min  
Response: 628230035  
Conc: 57.95 ng/ml



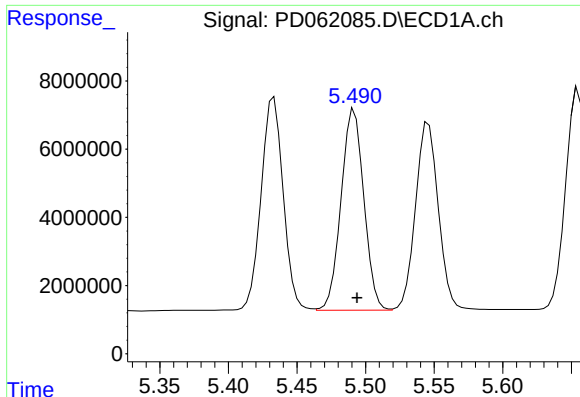
#10 gamma-Chlordane

R.T.: 5.433 min  
Delta R.T.: -0.002 min  
Response: 70749801  
Conc: 60.40 ng/ml



#10 gamma-Chlordane

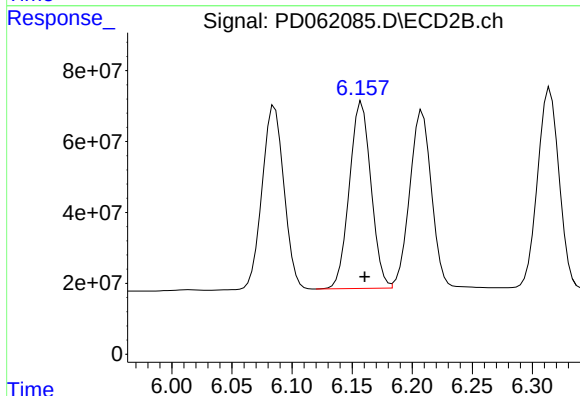
R.T.: 6.085 min  
Delta R.T.: -0.002 min  
Response: 656549312  
Conc: 55.38 ng/ml



#11 alpha-Chlordane

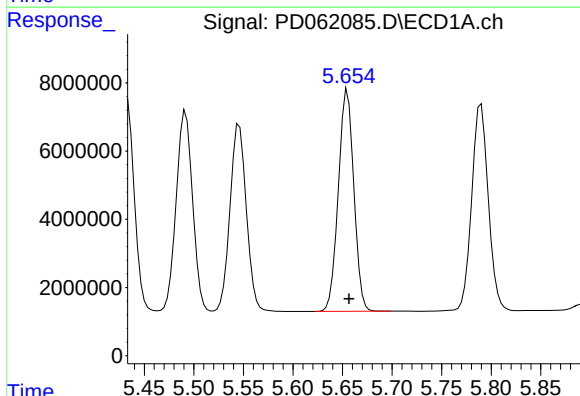
R.T.: 5.492 min  
Delta R.T.: -0.002 min  
Response: 68186916  
Conc: 58.68 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-4MSD



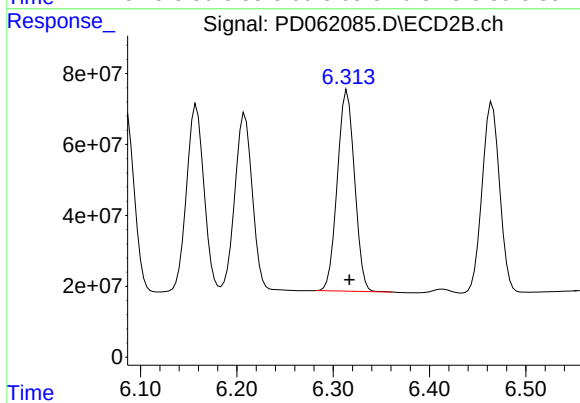
#11 alpha-Chlordane

R.T.: 6.158 min  
Delta R.T.: -0.002 min  
Response: 660678465  
Conc: 57.95 ng/ml



#12 4,4'-DDE

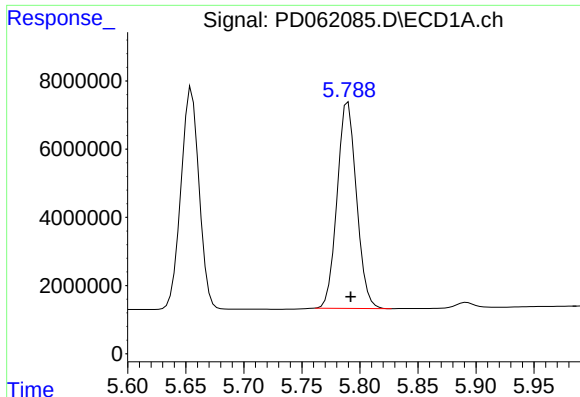
R.T.: 5.655 min  
Delta R.T.: -0.002 min  
Response: 70805452  
Conc: 63.01 ng/ml



#12 4,4'-DDE

R.T.: 6.315 min  
Delta R.T.: -0.002 min  
Response: 704486271  
Conc: 61.13 ng/ml

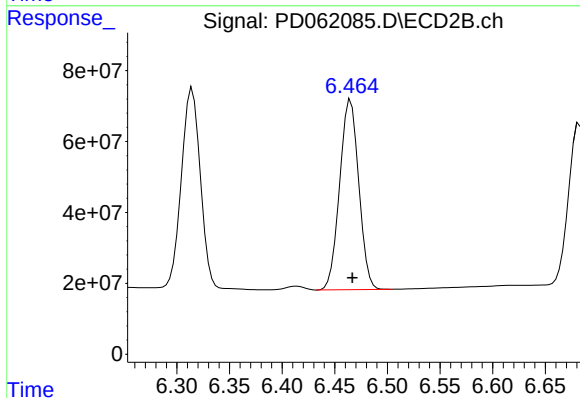




#13 Dieldrin

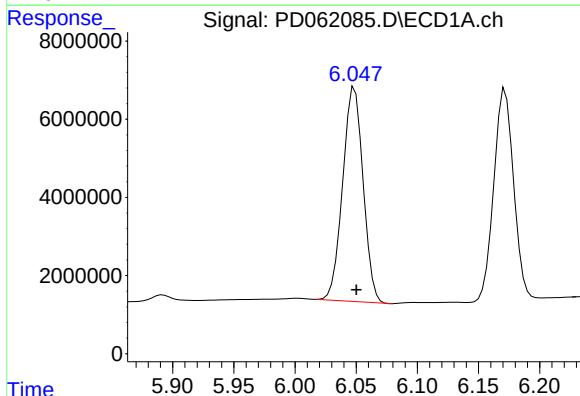
R.T.: 5.790 min  
Delta R.T.: -0.002 min  
Response: 70261610  
Conc: 60.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-4MSD



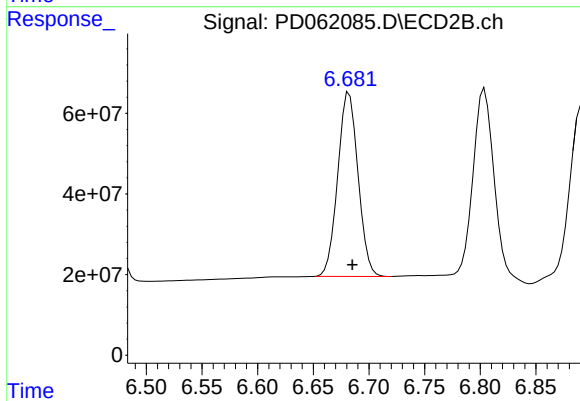
#13 Dieldrin

R.T.: 6.465 min  
Delta R.T.: -0.002 min  
Response: 679560417  
Conc: 58.87 ng/ml



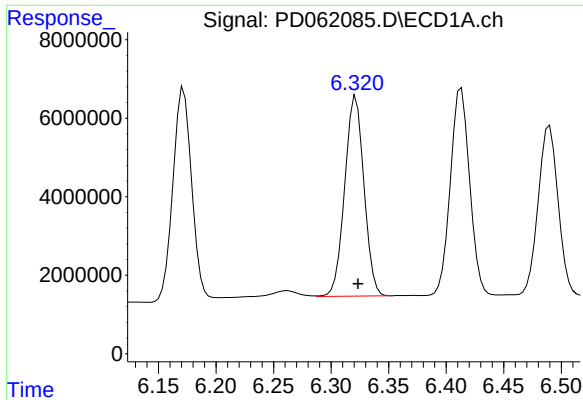
#14 Endrin

R.T.: 6.049 min  
Delta R.T.: -0.001 min  
Response: 63778467  
Conc: 62.07 ng/ml



#14 Endrin

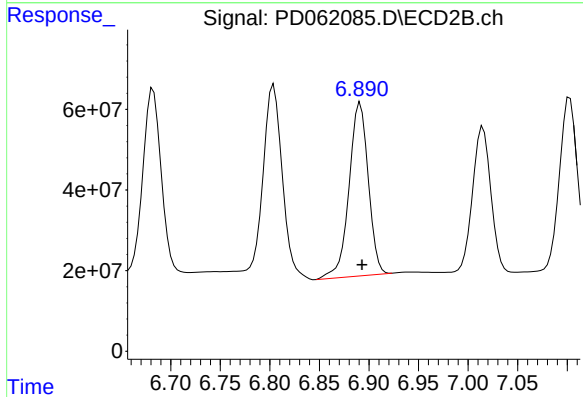
R.T.: 6.682 min  
Delta R.T.: -0.003 min  
Response: 580496666  
Conc: 58.66 ng/ml



#15 Endosulfan II

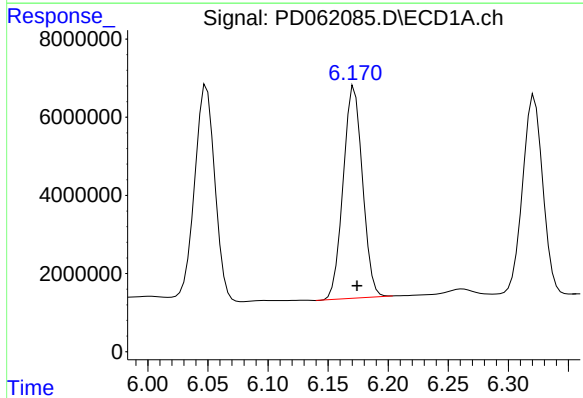
R.T.: 6.322 min  
Delta R.T.: -0.002 min  
Response: 59619639  
Conc: 58.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-4MSD



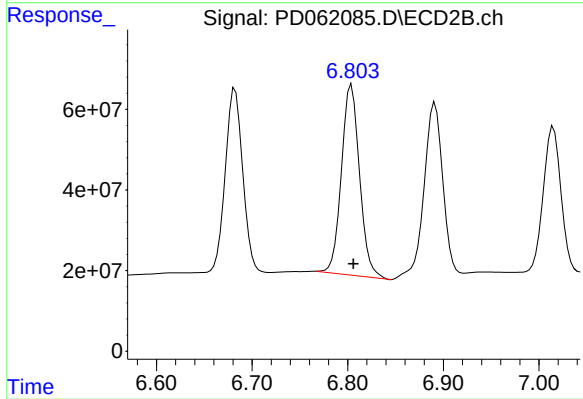
#15 Endosulfan II

R.T.: 6.891 min  
Delta R.T.: -0.002 min  
Response: 581943443  
Conc: 61.29 ng/ml



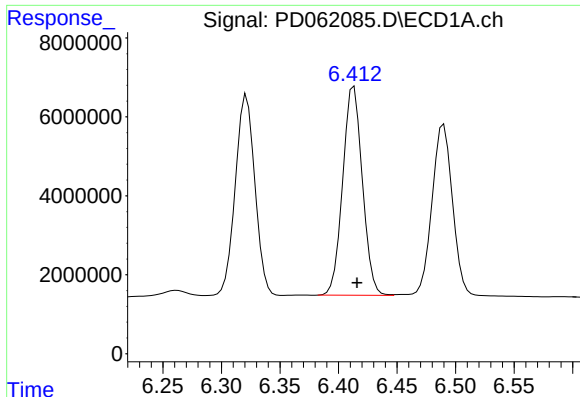
#16 4,4'-DDD

R.T.: 6.172 min  
Delta R.T.: -0.002 min  
Response: 60654808  
Conc: 65.18 ng/ml



#16 4,4'-DDD

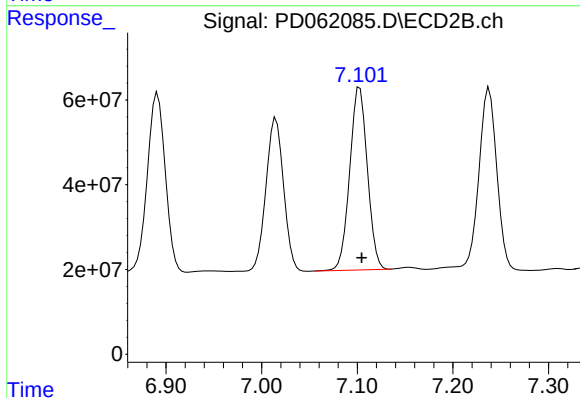
R.T.: 6.804 min  
Delta R.T.: -0.002 min  
Response: 621826277  
Conc: 65.67 ng/ml



#17 4,4'-DDT

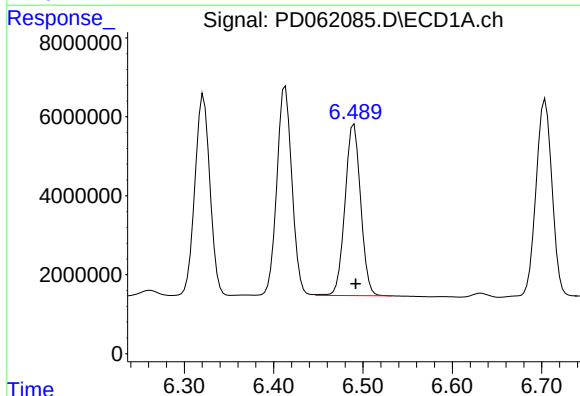
R.T.: 6.413 min  
Delta R.T.: -0.003 min  
Response: 61844648  
Conc: 68.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-4MSD



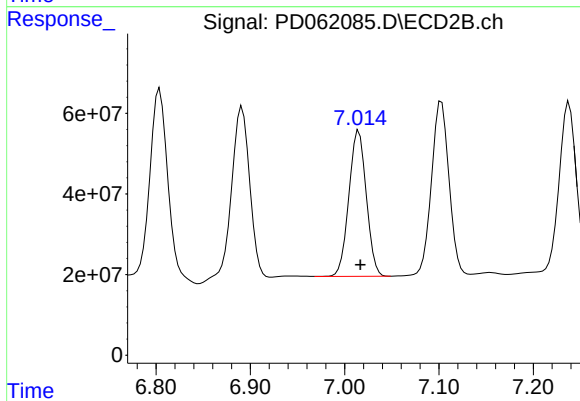
#17 4,4'-DDT

R.T.: 7.103 min  
Delta R.T.: -0.002 min  
Response: 554350102  
Conc: 58.04 ng/ml



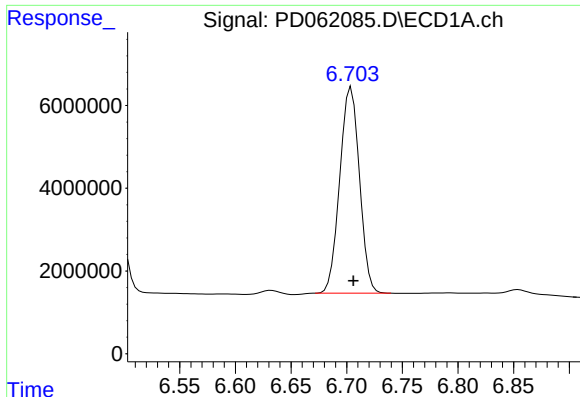
#18 Endrin aldehyde

R.T.: 6.490 min  
Delta R.T.: -0.002 min  
Response: 52898297  
Conc: 61.92 ng/ml



#18 Endrin aldehyde

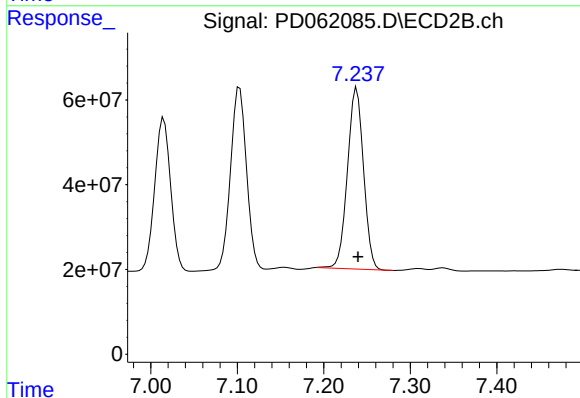
R.T.: 7.015 min  
Delta R.T.: -0.002 min  
Response: 465285769  
Conc: 59.16 ng/ml



#19 Endosulfan Sulfate

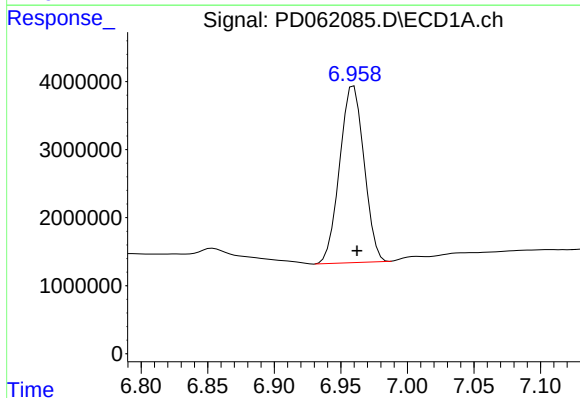
R.T.: 6.704 min  
Delta R.T.: -0.002 min  
Response: 61416669  
Conc: 56.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-4MSD



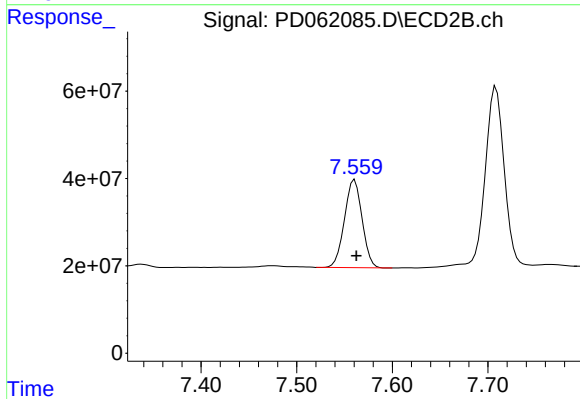
#19 Endosulfan Sulfate

R.T.: 7.238 min  
Delta R.T.: -0.002 min  
Response: 548748887  
Conc: 54.75 ng/ml



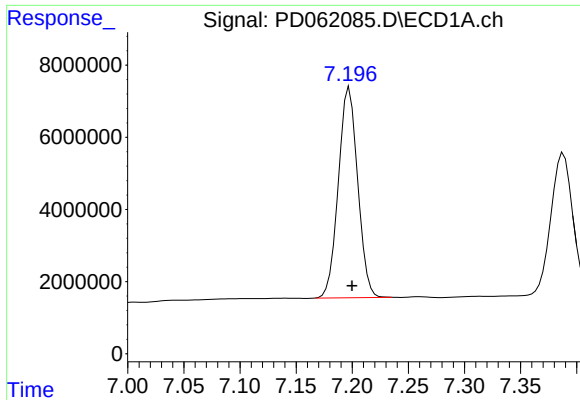
#20 Methoxychlor

R.T.: 6.960 min  
Delta R.T.: -0.003 min  
Response: 33156593  
Conc: 70.17 ng/ml



#20 Methoxychlor

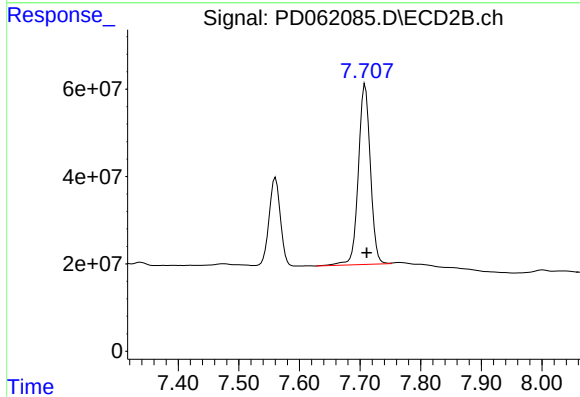
R.T.: 7.561 min  
Delta R.T.: -0.002 min  
Response: 258711679  
Conc: 57.39 ng/ml



#21 Endrin ketone

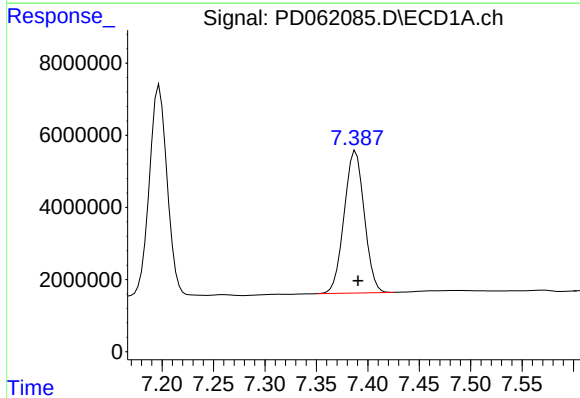
R.T.: 7.197 min  
Delta R.T.: -0.002 min  
Response: 69981444  
Conc: 54.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-4MSD



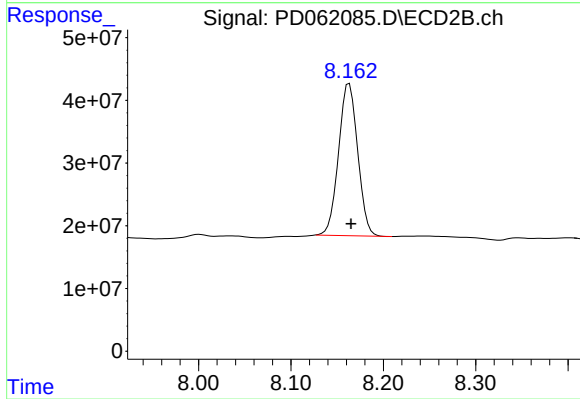
#21 Endrin ketone

R.T.: 7.708 min  
Delta R.T.: -0.003 min  
Response: 566211645  
Conc: 55.83 ng/ml



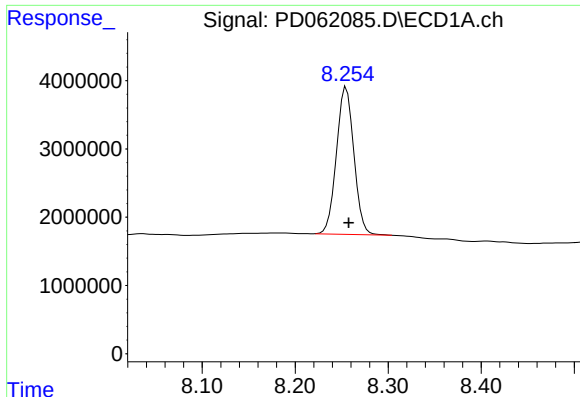
#22 Mirex

R.T.: 7.388 min  
Delta R.T.: -0.002 min  
Response: 53681886  
Conc: 65.82 ng/ml



#22 Mirex

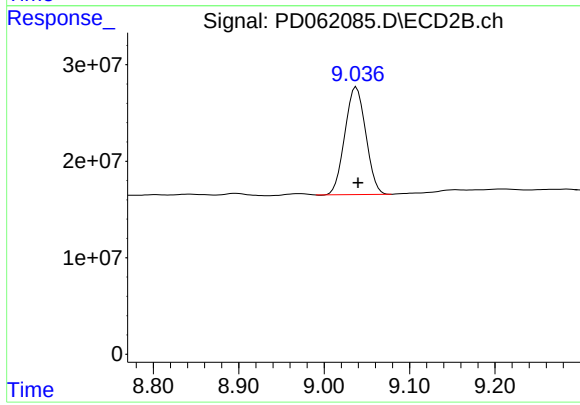
R.T.: 8.163 min  
Delta R.T.: -0.002 min  
Response: 349126299  
Conc: 54.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.255 min  
Delta R.T.: -0.002 min  
Response: 28120173  
Conc: 22.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
S-4MSD



#28 Decachlorobiphenyl

R.T.: 9.038 min  
Delta R.T.: -0.002 min  
Response: 189654322  
Conc: 20.09 ng/ml