

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102422\  
 Data File : PD072600.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2022 18:51  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 22:48:20 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD102022.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 04:17:06 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... | 2.706 | 3.466 | 46969261 | 728.2E6  | 18.851  | 21.897  |
| 28)                         | SA Decachlor... | 7.837 | 8.920 | 35705853 | 175.3E6  | 15.864  | 19.483  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.210 | 3.931 | 35843616 | 515.2E6  | 9.102   | 11.251  |
| 3)                          | MA gamma-BHC... | 3.540 | 4.264 | 32465382 | 420.3E6  | 9.951   | 11.421  |
| 6)                          | B beta-BHC      | 3.842 | 4.479 | 16277156 | 161.9E6  | 10.145  | 11.392  |
| 14)                         | MA Endrin       | 5.569 | 6.495 | 109.2E6  | 567.8E6  | 40.214  | 42.511  |
| 16)                         | A 4,4'-DDD      | 5.716 | 6.629 | 5314263  | 40146562 | 2.166   | 3.258 # |
| 17)                         | MA 4,4'-DDT     | 5.965 | 6.937 | 211.1E6  | 1032.4E6 | 90.110  | 86.601  |
| 18)                         | B Endrin al...  | 6.050 | 6.856 | 4141957  | 24953539 | 2.106   | 2.585   |
| 20)                         | A Methoxychlor  | 6.548 | 7.416 | 272.8E6  | 1217.5E6 | 202.749 | 205.610 |
| 21)                         | B Endrin ke...  | 6.782 | 7.578 | 10905804 | 48639019 | 3.651   | 3.898   |
| -----                       |                 |       |       |          |          |         |         |

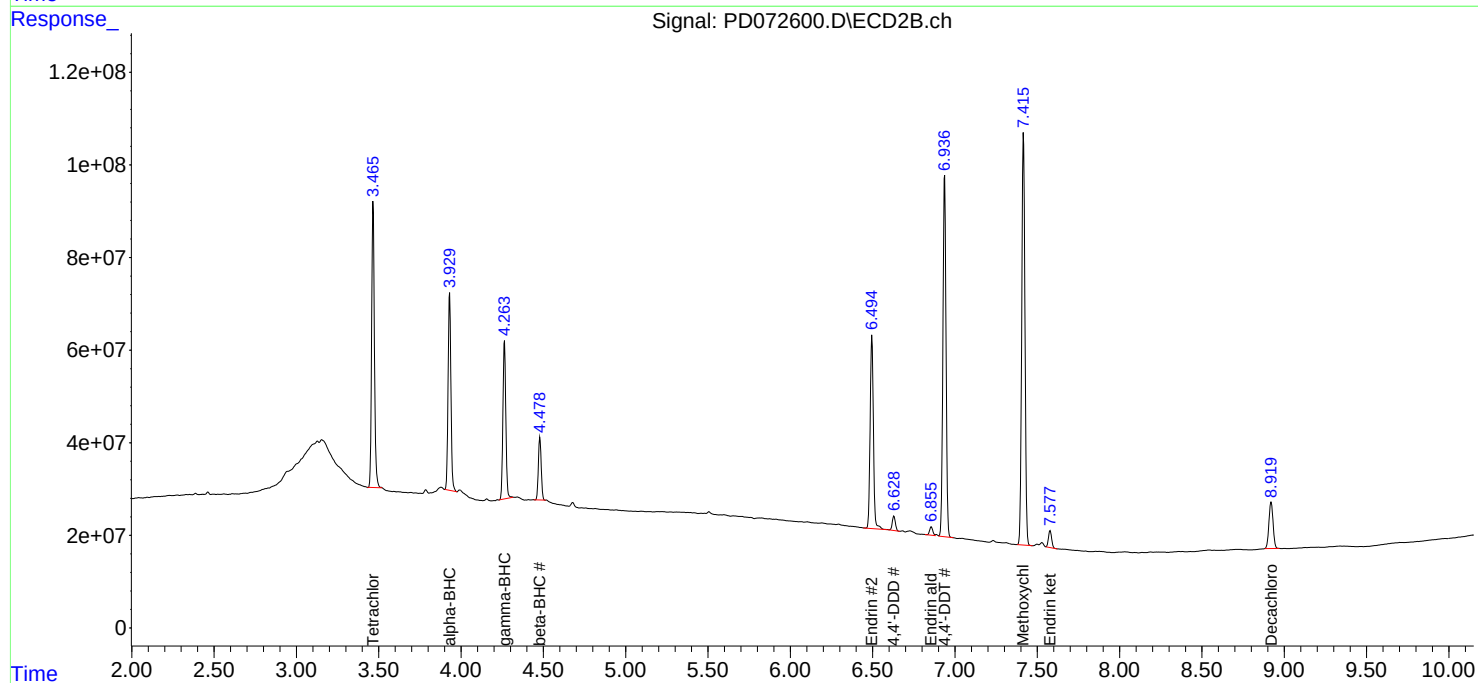
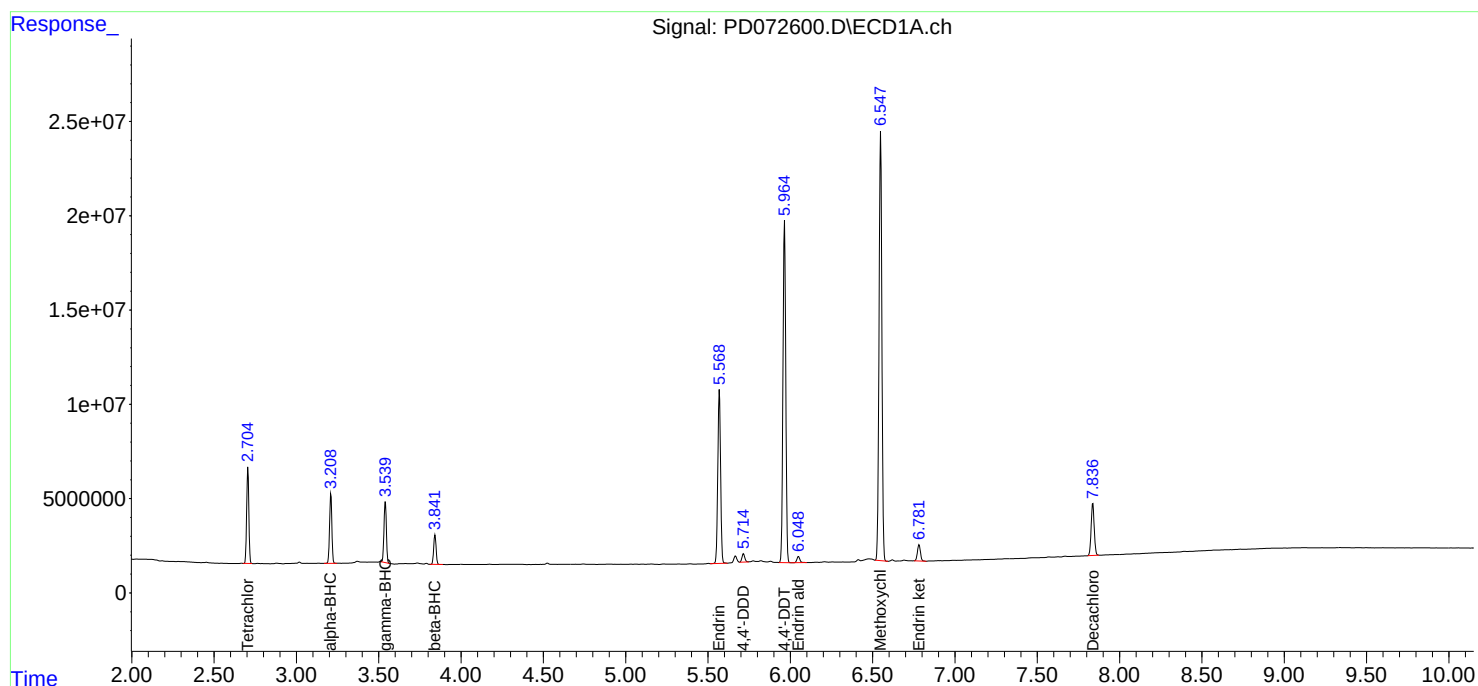
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

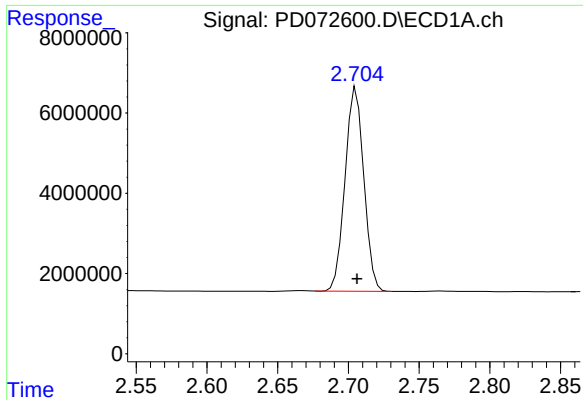
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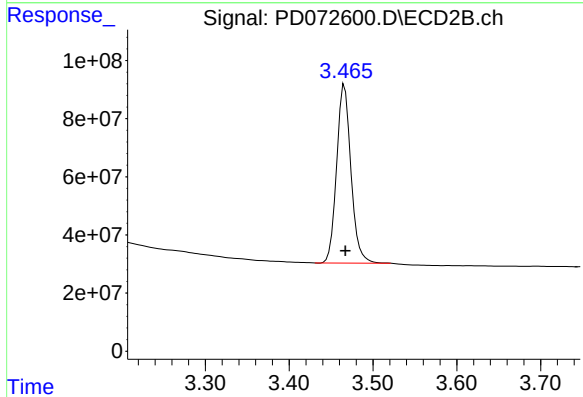




#1 Tetrachloro-m-xylene

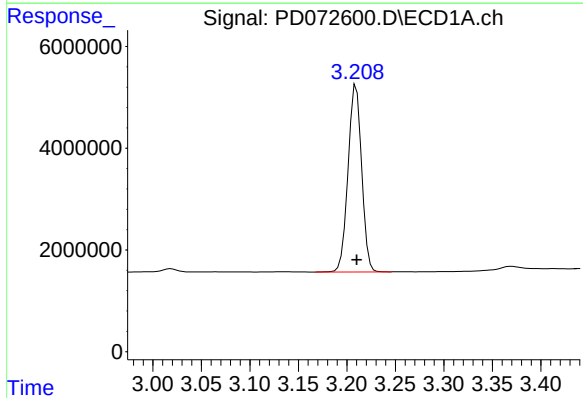
R.T.: 2.706 min  
Delta R.T.: 0.000 min  
Response: 46969261  
Conc: 18.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



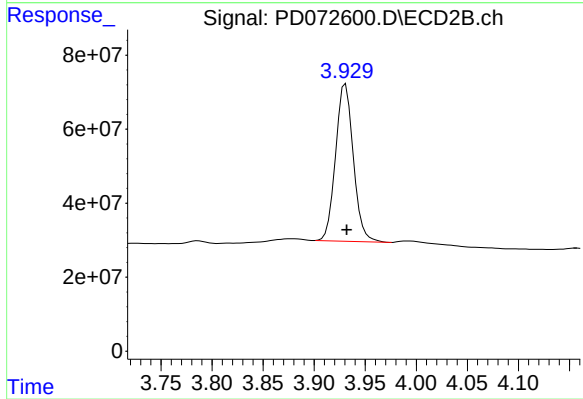
#1 Tetrachloro-m-xylene

R.T.: 3.466 min  
Delta R.T.: 0.000 min  
Response: 728234970  
Conc: 21.90 ng/ml



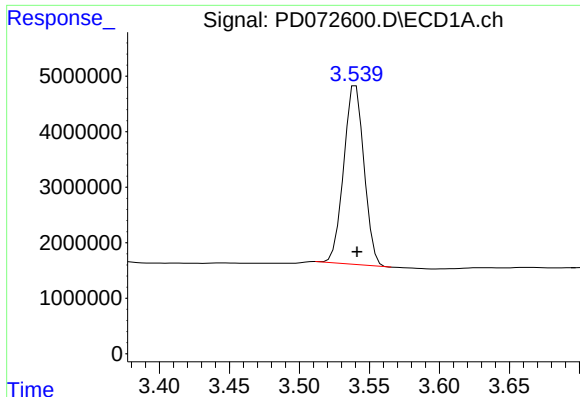
#2 alpha-BHC

R.T.: 3.210 min  
Delta R.T.: 0.000 min  
Response: 35843616  
Conc: 9.10 ng/ml



#2 alpha-BHC

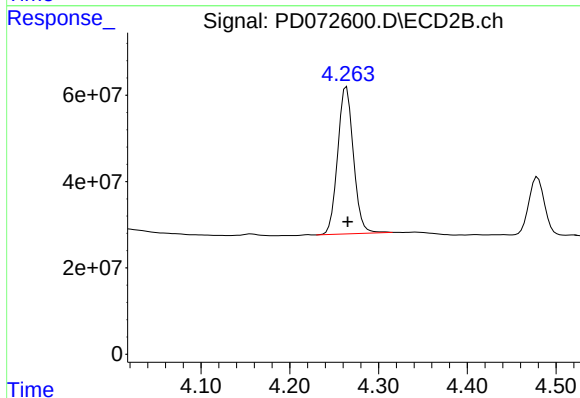
R.T.: 3.931 min  
Delta R.T.: -0.001 min  
Response: 515155838  
Conc: 11.25 ng/ml



#3 gamma-BHC (Lindane)

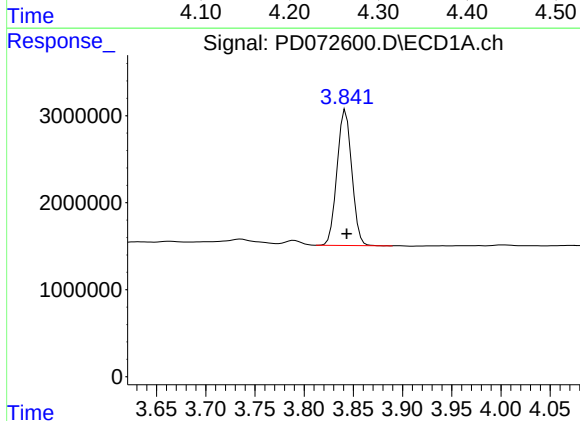
R.T.: 3.540 min  
Delta R.T.: 0.000 min  
Response: 32465382  
Conc: 9.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



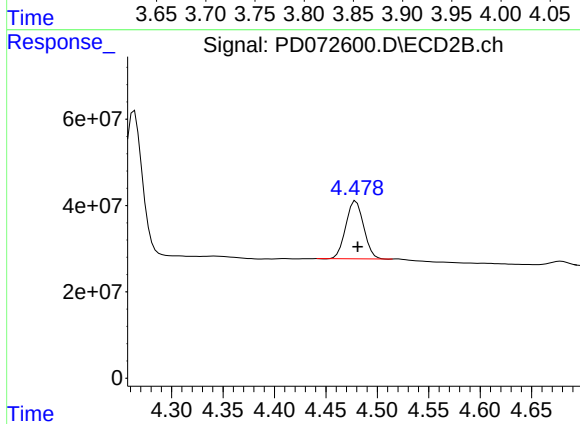
#3 gamma-BHC (Lindane)

R.T.: 4.264 min  
Delta R.T.: -0.001 min  
Response: 420327052  
Conc: 11.42 ng/ml



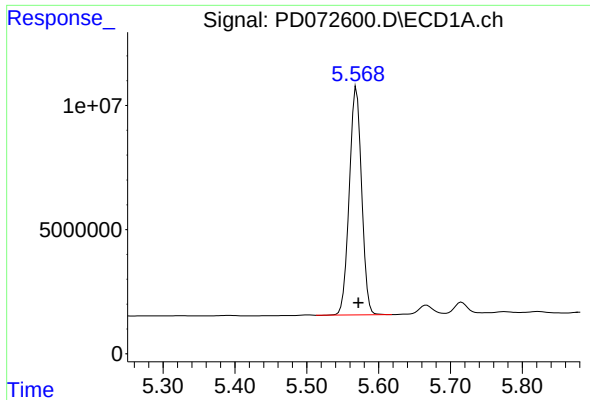
#6 beta-BHC

R.T.: 3.842 min  
Delta R.T.: -0.001 min  
Response: 16277156  
Conc: 10.14 ng/ml



#6 beta-BHC

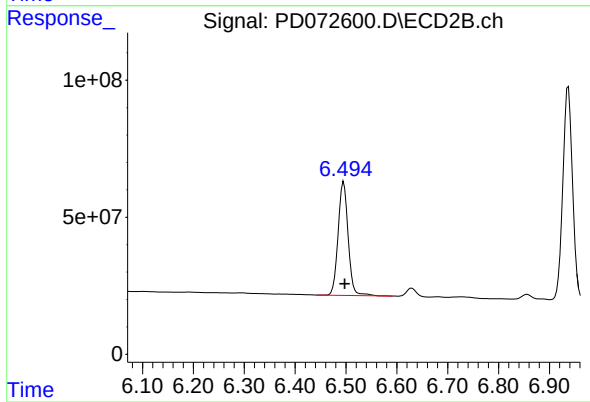
R.T.: 4.479 min  
Delta R.T.: -0.002 min  
Response: 161921314  
Conc: 11.39 ng/ml



#14 Endrin

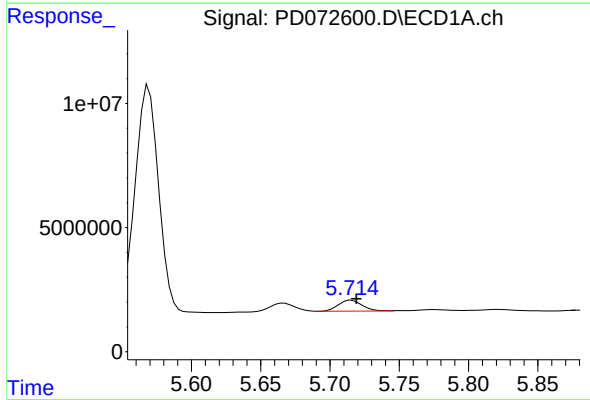
R.T.: 5.569 min  
Delta R.T.: -0.003 min  
Response: 109189156  
Conc: 40.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



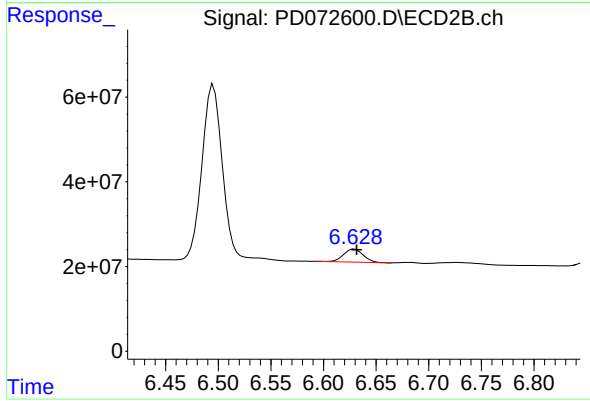
#14 Endrin

R.T.: 6.495 min  
Delta R.T.: -0.002 min  
Response: 567753659  
Conc: 42.51 ng/ml



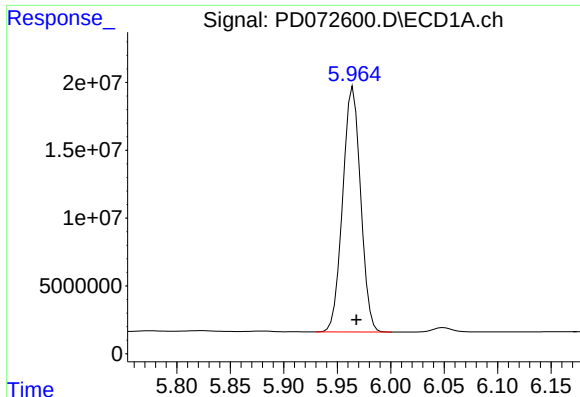
#16 4,4'-DDD

R.T.: 5.716 min  
Delta R.T.: -0.003 min  
Response: 5314263  
Conc: 2.17 ng/ml



#16 4,4'-DDD

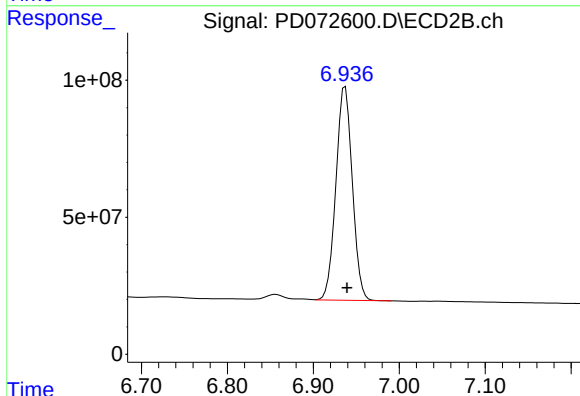
R.T.: 6.629 min  
Delta R.T.: -0.002 min  
Response: 40146562  
Conc: 3.26 ng/ml



#17 4,4'-DDT

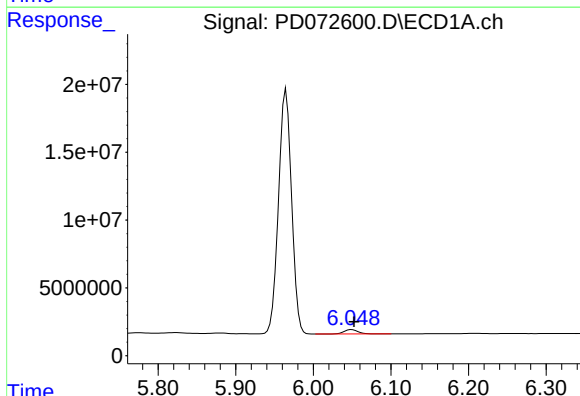
R.T.: 5.965 min  
Delta R.T.: -0.003 min  
Response: 211052327  
Conc: 90.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



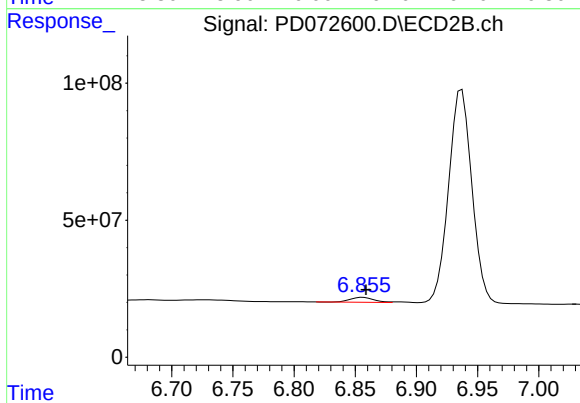
#17 4,4'-DDT

R.T.: 6.937 min  
Delta R.T.: -0.002 min  
Response: 1032412934  
Conc: 86.60 ng/ml



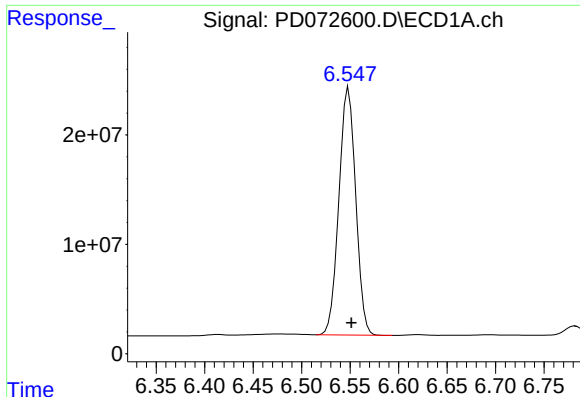
#18 Endrin aldehyde

R.T.: 6.050 min  
Delta R.T.: -0.003 min  
Response: 4141957  
Conc: 2.11 ng/ml



#18 Endrin aldehyde

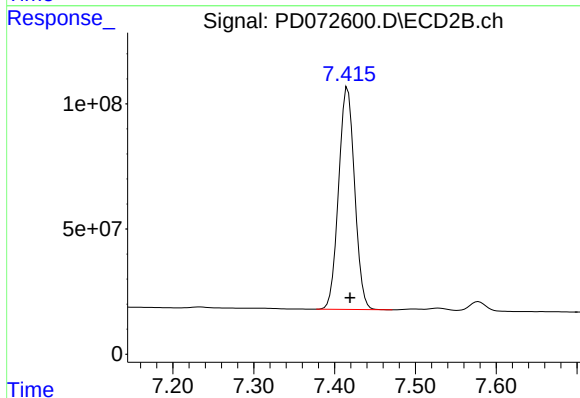
R.T.: 6.856 min  
Delta R.T.: -0.003 min  
Response: 24953539  
Conc: 2.59 ng/ml



#20 Methoxychlor

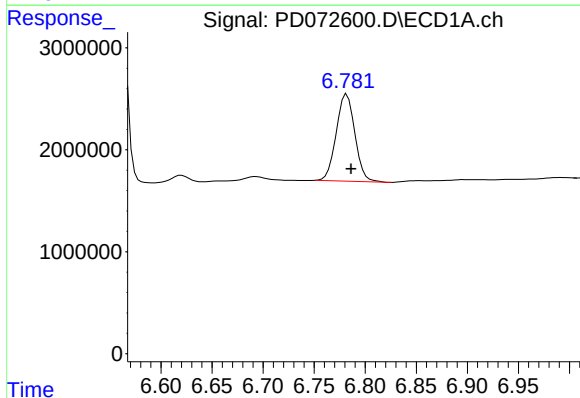
R.T.: 6.548 min  
Delta R.T.: -0.003 min  
Response: 272754554  
Conc: 202.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



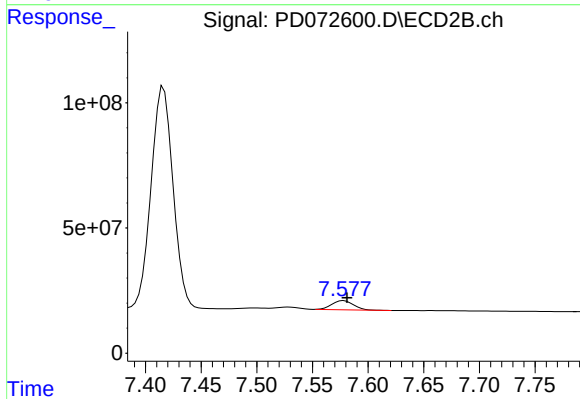
#20 Methoxychlor

R.T.: 7.416 min  
Delta R.T.: -0.003 min  
Response: 1217457045  
Conc: 205.61 ng/ml



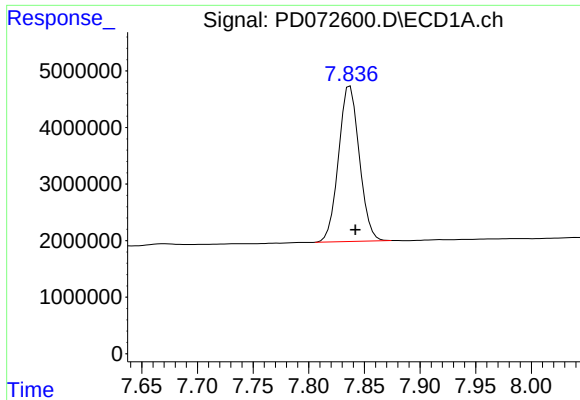
#21 Endrin ketone

R.T.: 6.782 min  
Delta R.T.: -0.004 min  
Response: 10905804  
Conc: 3.65 ng/ml



#21 Endrin ketone

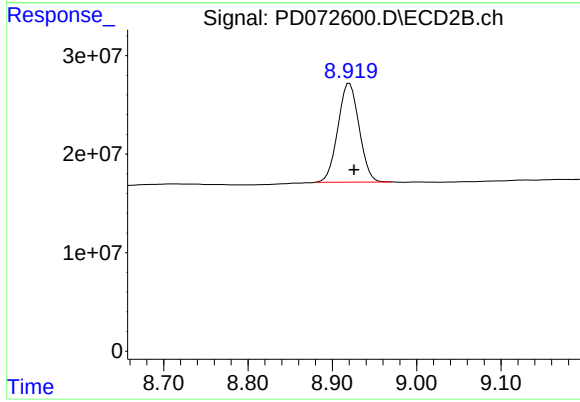
R.T.: 7.578 min  
Delta R.T.: -0.003 min  
Response: 48639019  
Conc: 3.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.837 min  
Delta R.T.: -0.005 min  
Response: 35705853  
Conc: 15.86 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 8.920 min  
Delta R.T.: -0.006 min  
Response: 175286382  
Conc: 19.48 ng/ml