

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081023\  
 Data File : PD077083.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2023 17:27  
 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: Aug 10 21:32:34 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 14:17:41 2023  
 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... | 3.543 | 2.762 | 40480286 | 23934787 | 17.106  | 17.572  |
| 28)                         | SA Decachlor... | 9.085 | 7.904 | 52061997 | 26328942 | 18.999  | 18.398  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.999 | 3.263 | 31815278 | 16844762 | 8.286   | 8.708   |
| 3)                          | MA gamma-BHC... | 4.333 | 3.593 | 30801083 | 15412292 | 8.368   | 8.285   |
| 6)                          | B beta-BHC      | 4.530 | 3.891 | 14336991 | 7700664  | 9.527   | 10.094  |
| 12)                         | B 4,4'-DDE      | 6.205 | 5.221 | 341356   | 396379   | 0.115   | 0.273 # |
| 14)                         | MA Endrin       | 6.589 | 5.626 | 109.9E6  | 61248489 | 39.533  | 41.859  |
| 16)                         | A 4,4'-DDD      | 6.723 | 5.775 | 2459590  | 1462488  | 1.045   | 1.315 # |
| 17)                         | MA 4,4'-DDT     | 7.038 | 6.025 | 224.2E6  | 120.2E6  | 92.198  | 108.137 |
| 18)                         | B Endrin al...  | 6.938 | 6.101 | 3380137  | 2862425  | 1.547   | 2.514 # |
| 20)                         | A Methoxychlor  | 7.514 | 6.600 | 305.5E6  | 150.8E6  | 215.637 | 252.266 |
| 21)                         | B Endrin ke...  | 7.660 | 6.829 | 7128568  | 4260946  | 2.367   | 2.687   |
| -----                       |                 |       |       |          |          |         |         |

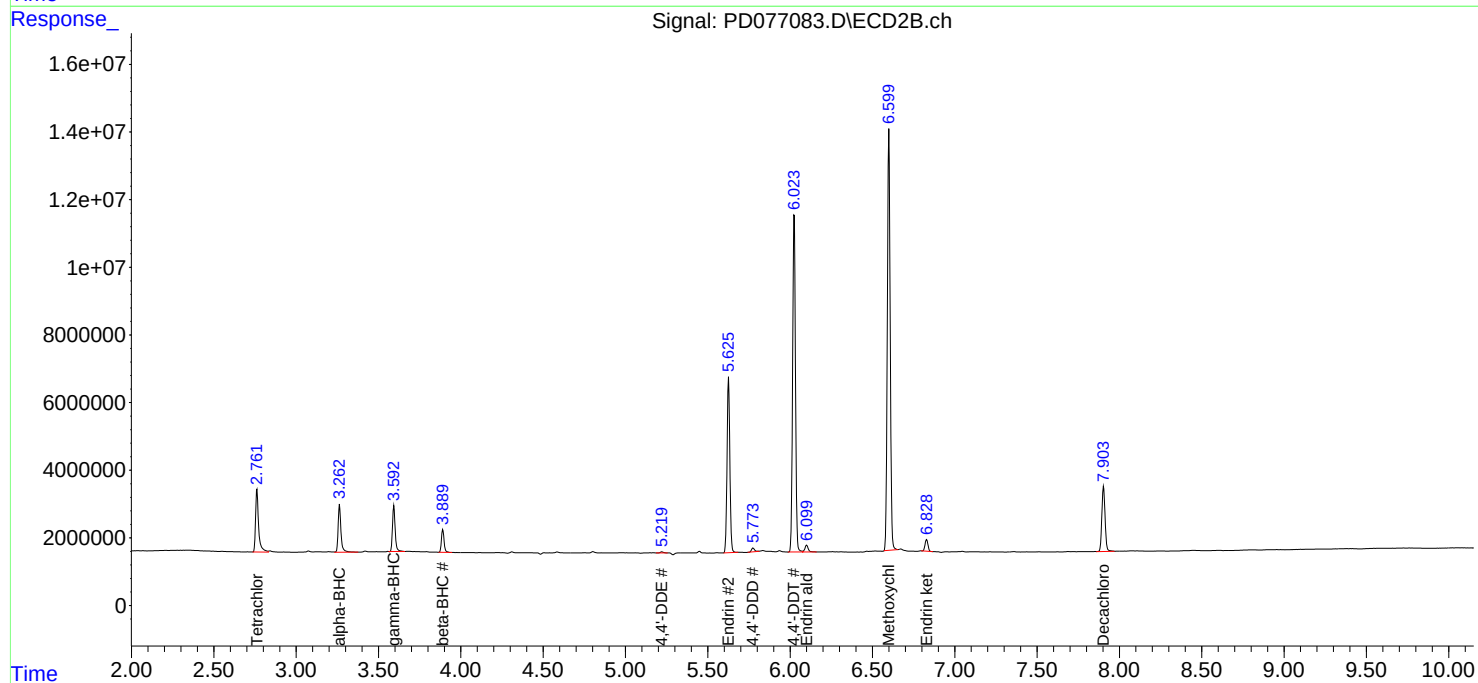
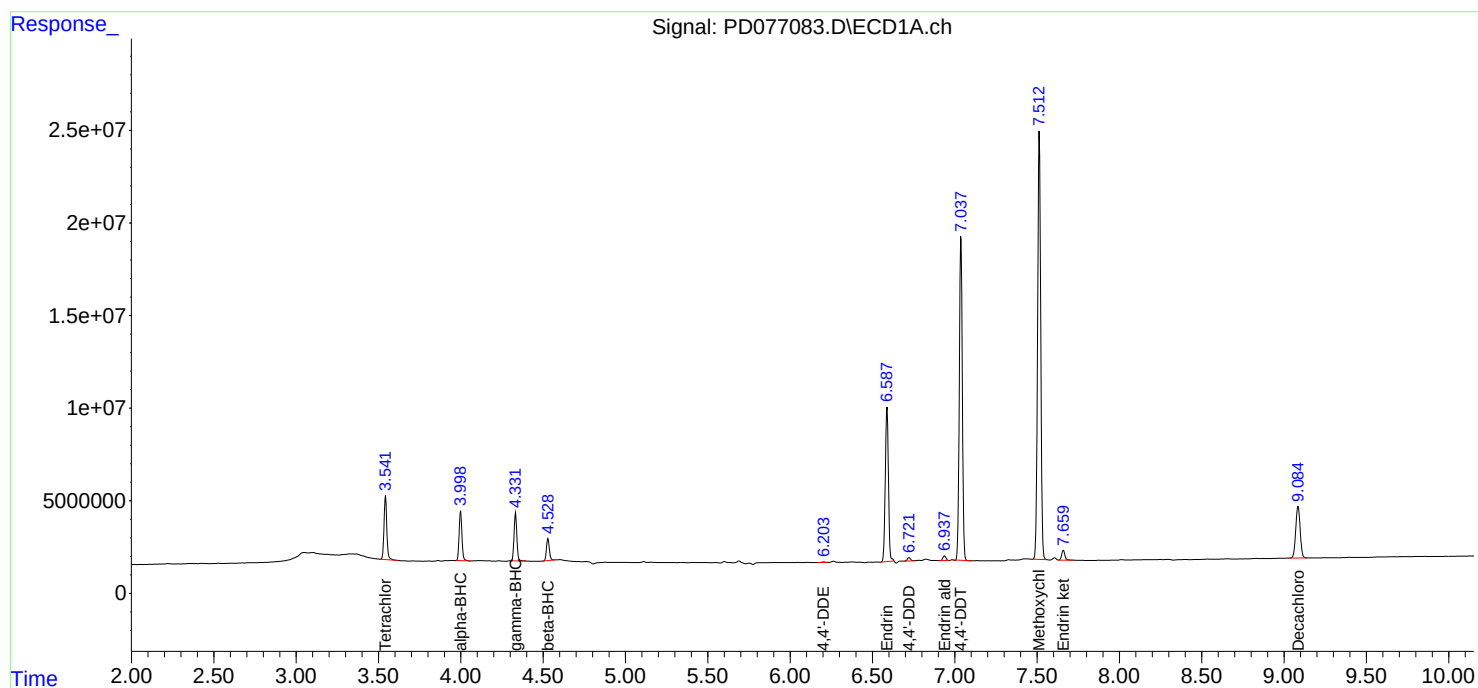
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

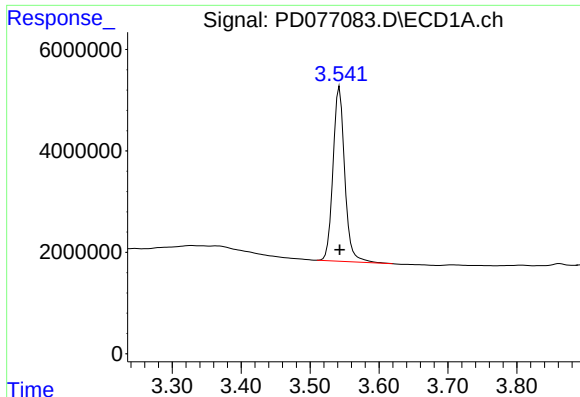
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

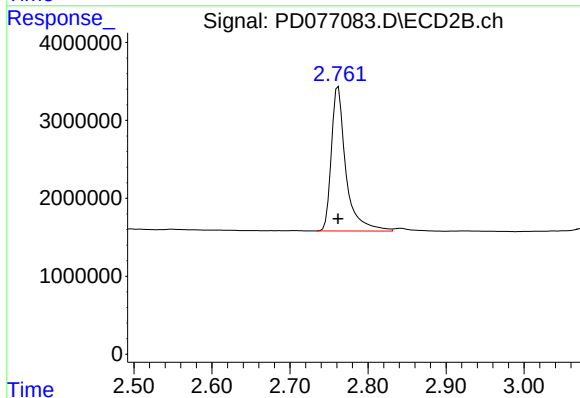




#1 Tetrachloro-m-xylene

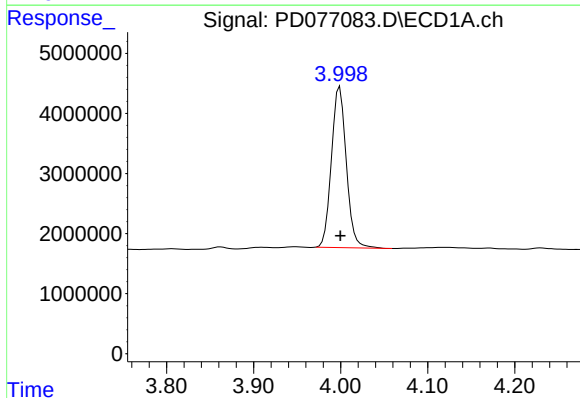
R.T.: 3.543 min  
Delta R.T.: 0.000 min  
Response: 40480286  
Conc: 17.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



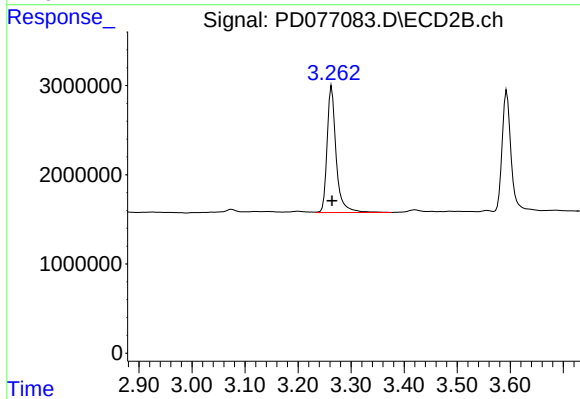
#1 Tetrachloro-m-xylene

R.T.: 2.762 min  
Delta R.T.: 0.000 min  
Response: 23934787  
Conc: 17.57 ng/ml



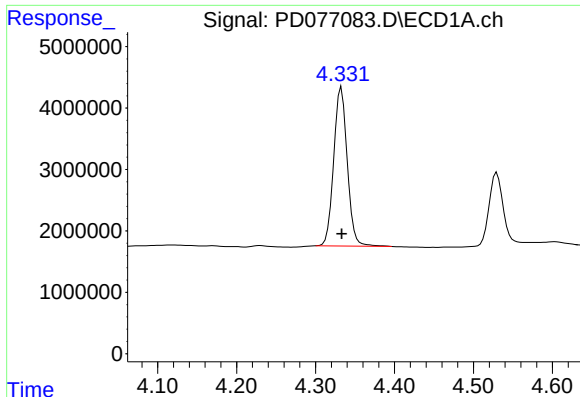
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 31815278  
Conc: 8.29 ng/ml



#2 alpha-BHC

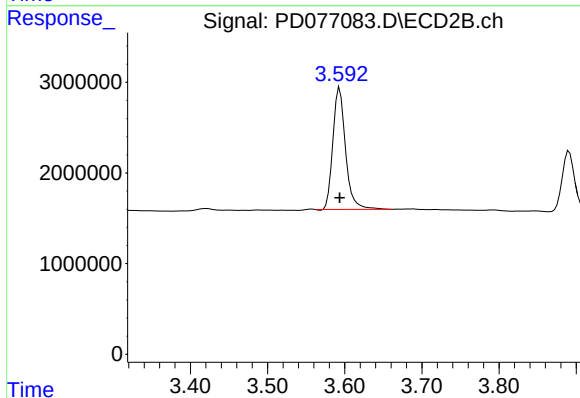
R.T.: 3.263 min  
Delta R.T.: 0.000 min  
Response: 16844762  
Conc: 8.71 ng/ml



#3 gamma-BHC (Lindane)

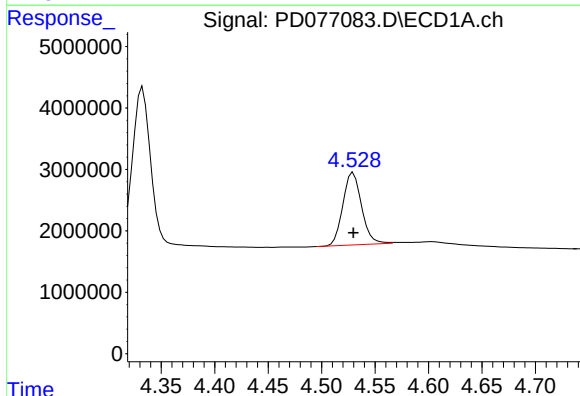
R.T.: 4.333 min  
Delta R.T.: 0.000 min  
Response: 30801083  
Conc: 8.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



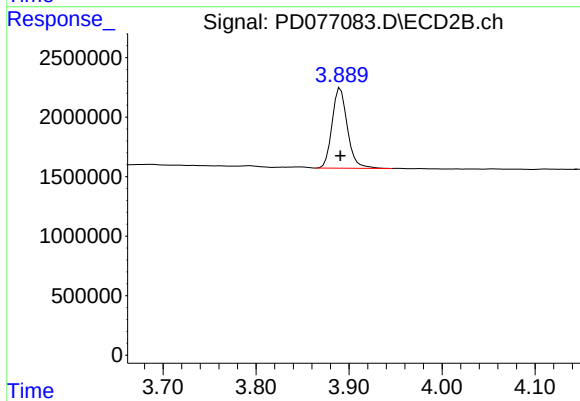
#3 gamma-BHC (Lindane)

R.T.: 3.593 min  
Delta R.T.: 0.000 min  
Response: 15412292  
Conc: 8.28 ng/ml



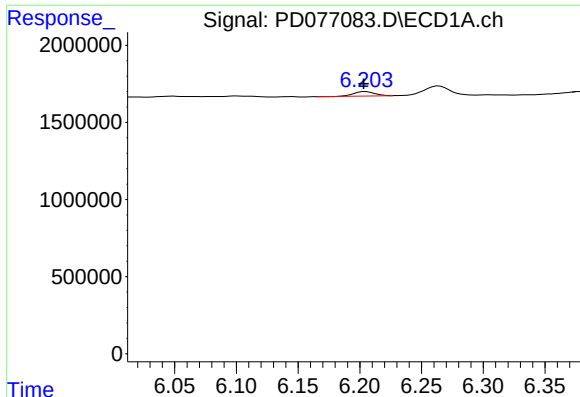
#6 beta-BHC

R.T.: 4.530 min  
Delta R.T.: 0.000 min  
Response: 14336991  
Conc: 9.53 ng/ml



#6 beta-BHC

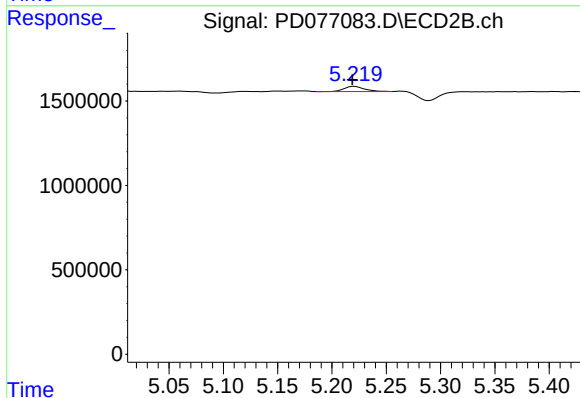
R.T.: 3.891 min  
Delta R.T.: 0.000 min  
Response: 7700664  
Conc: 10.09 ng/ml



#12 4,4'-DDE

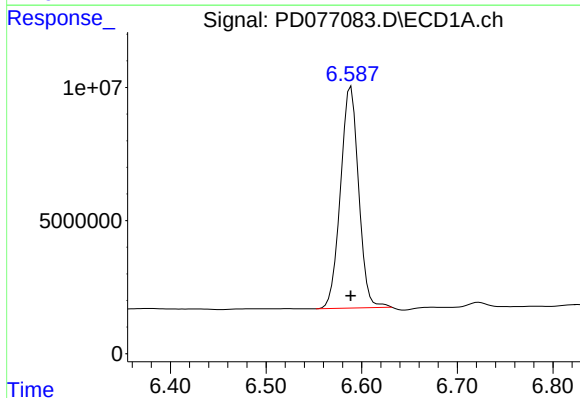
R.T.: 6.205 min  
Delta R.T.: 0.001 min  
Response: 341356  
Conc: 0.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



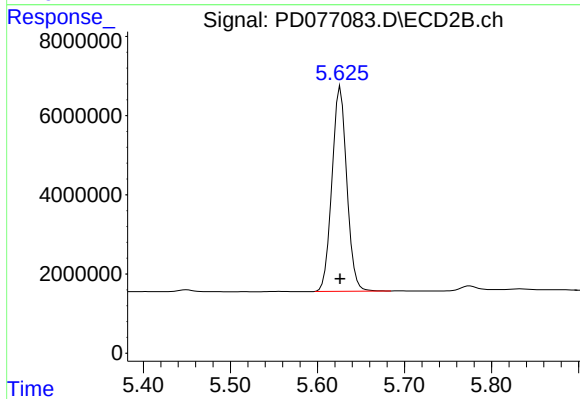
#12 4,4'-DDE

R.T.: 5.221 min  
Delta R.T.: 0.002 min  
Response: 396379  
Conc: 0.27 ng/ml



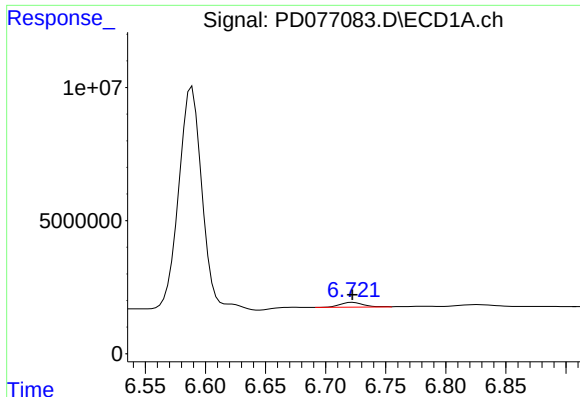
#14 Endrin

R.T.: 6.589 min  
Delta R.T.: 0.000 min  
Response: 109850834  
Conc: 39.53 ng/ml



#14 Endrin

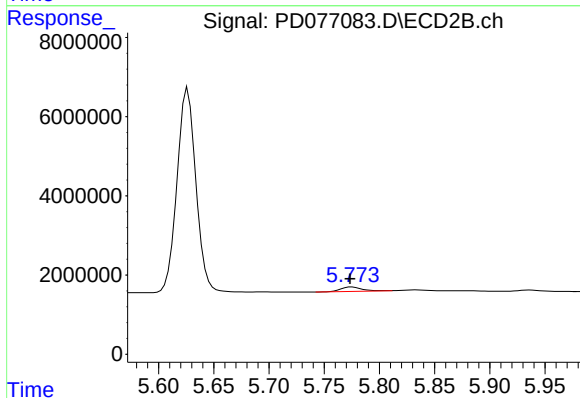
R.T.: 5.626 min  
Delta R.T.: 0.000 min  
Response: 61248489  
Conc: 41.86 ng/ml



#16 4,4'-DDD

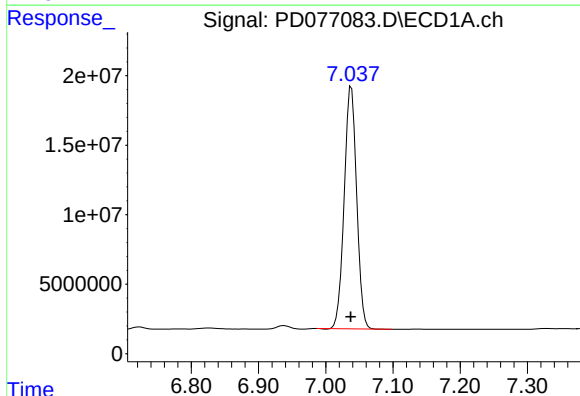
R.T.: 6.723 min  
Delta R.T.: 0.000 min  
Response: 2459590  
Conc: 1.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



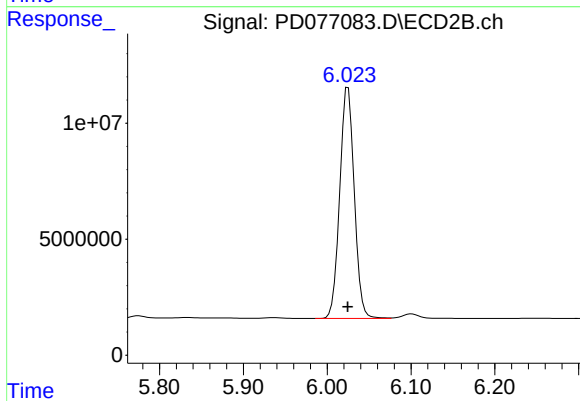
#16 4,4'-DDD

R.T.: 5.775 min  
Delta R.T.: 0.001 min  
Response: 1462488  
Conc: 1.32 ng/ml



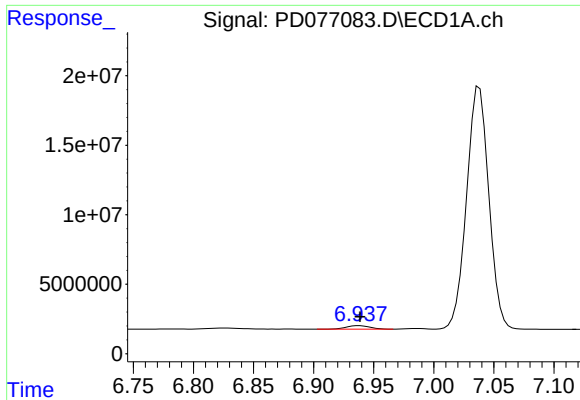
#17 4,4'-DDT

R.T.: 7.038 min  
Delta R.T.: 0.000 min  
Response: 224191860  
Conc: 92.20 ng/ml



#17 4,4'-DDT

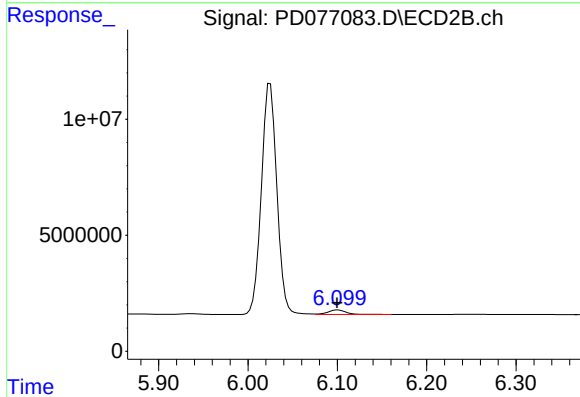
R.T.: 6.025 min  
Delta R.T.: 0.000 min  
Response: 120203254  
Conc: 108.14 ng/ml



#18 Endrin aldehyde

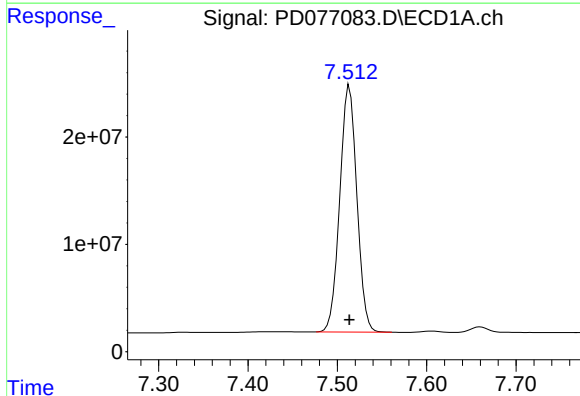
R.T.: 6.938 min  
Delta R.T.: 0.000 min  
Response: 3380137  
Conc: 1.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



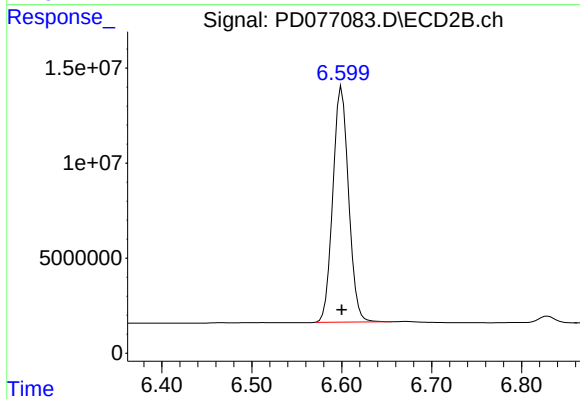
#18 Endrin aldehyde

R.T.: 6.101 min  
Delta R.T.: 0.001 min  
Response: 2862425  
Conc: 2.51 ng/ml



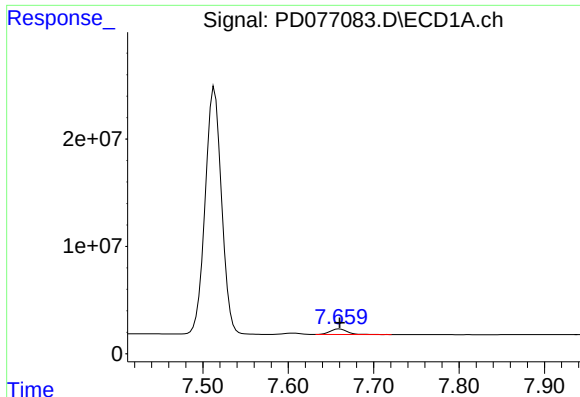
#20 Methoxychlor

R.T.: 7.514 min  
Delta R.T.: 0.000 min  
Response: 305528691  
Conc: 215.64 ng/ml



#20 Methoxychlor

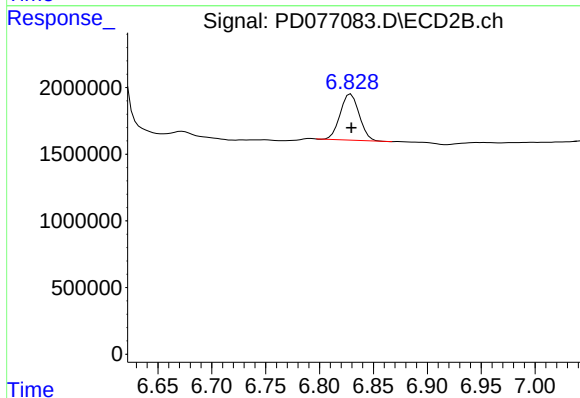
R.T.: 6.600 min  
Delta R.T.: 0.000 min  
Response: 150839623  
Conc: 252.27 ng/ml



#21 Endrin ketone

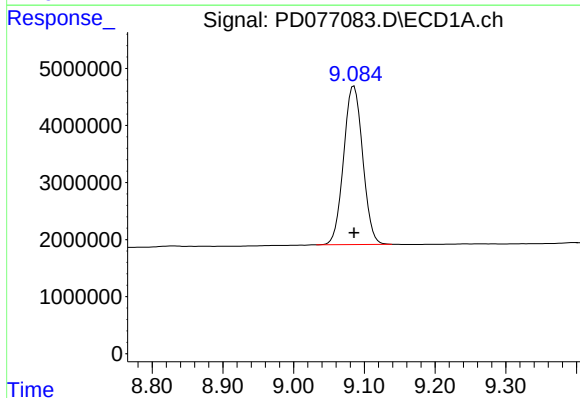
R.T.: 7.660 min  
Delta R.T.: 0.000 min  
Response: 7128568  
Conc: 2.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



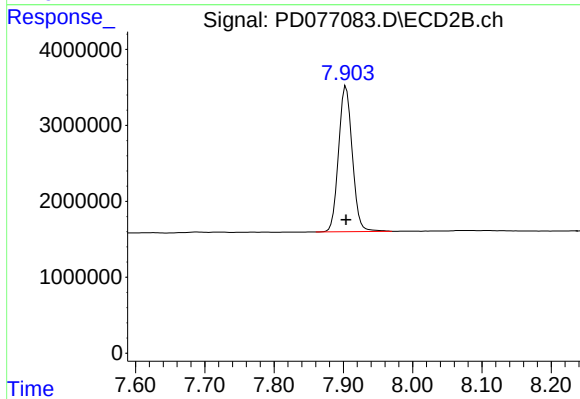
#21 Endrin ketone

R.T.: 6.829 min  
Delta R.T.: 0.000 min  
Response: 4260946  
Conc: 2.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.085 min  
Delta R.T.: 0.000 min  
Response: 52061997  
Conc: 19.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.904 min  
Delta R.T.: 0.000 min  
Response: 26328942  
Conc: 18.40 ng/ml