

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031224\  
 Data File : PD082098.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2024 16:54  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 04:20:16 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031224.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 12 04:17:44 2024  
 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... | 3.563 | 2.790 | 27413682 | 55795092 | 18.760  | 19.981  |
| 28)                         | SA Decachlor... | 9.115 | 7.927 | 43392246 | 58693390 | 21.102  | 20.628  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.020 | 3.292 | 21365673 | 42686227 | 8.427   | 9.906   |
| 3)                          | MA gamma-BHC... | 4.353 | 3.621 | 21539550 | 39043565 | 8.545   | 9.484   |
| 6)                          | B beta-BHC      | 4.549 | 3.917 | 10215617 | 18536599 | 9.732   | 10.950  |
| 12)                         | B 4,4'-DDE      | 6.226 | 5.248 | 251070   | 648768   | 0.112   | 0.203 # |
| 14)                         | MA Endrin       | 6.610 | 5.653 | 83441469 | 137.8E6  | 45.901  | 46.664  |
| 16)                         | A 4,4'-DDD      | 6.742 | 5.800 | 1942292  | 3423830  | 1.141   | 1.240   |
| 17)                         | MA 4,4'-DDT     | 7.058 | 6.050 | 177.0E6  | 275.3E6  | 100.090 | 102.464 |
| 18)                         | B Endrin al...  | 6.959 | 6.126 | 3188727  | 6460655  | 2.061   | 2.721 # |
| 20)                         | A Methoxychlor  | 7.533 | 6.625 | 236.9E6  | 346.9E6  | 232.672 | 227.263 |
| 21)                         | B Endrin ke...  | 7.681 | 6.854 | 6588133  | 12117280 | 2.958   | 3.511   |
| -----                       |                 |       |       |          |          |         |         |

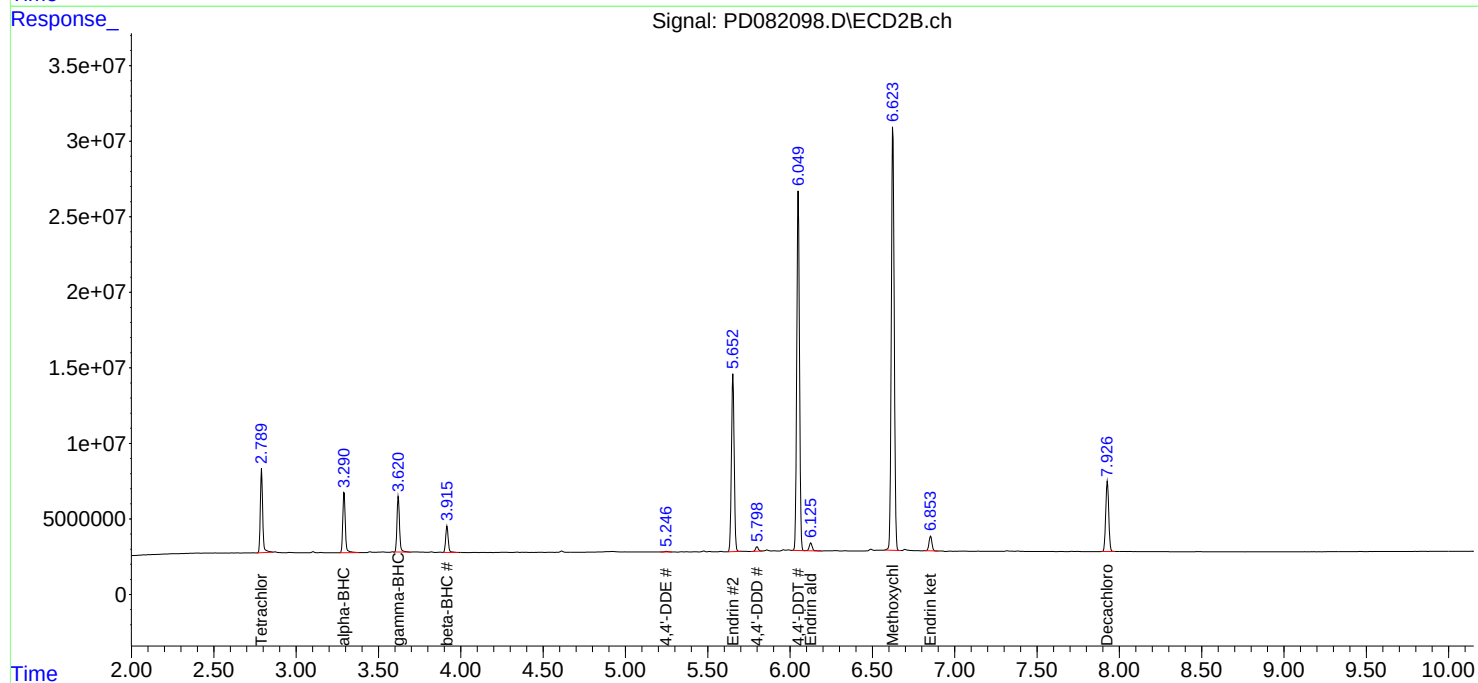
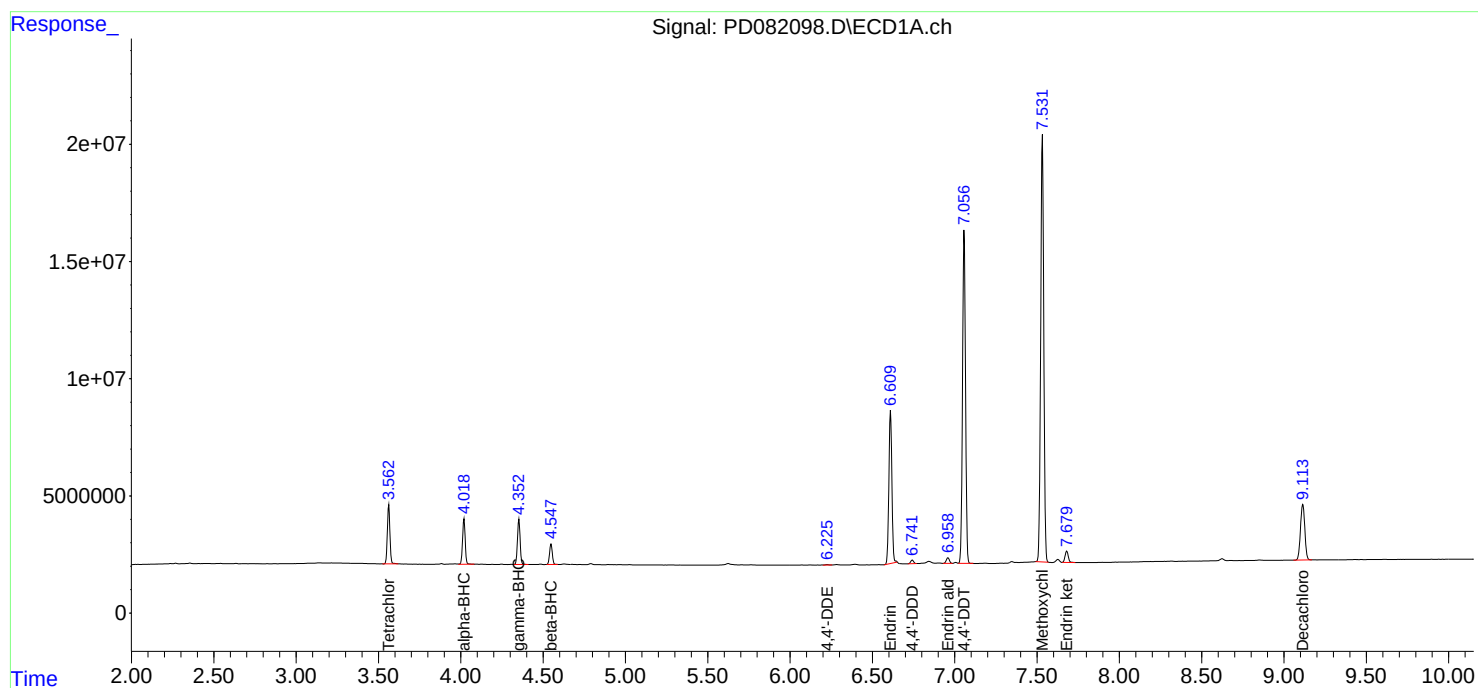
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

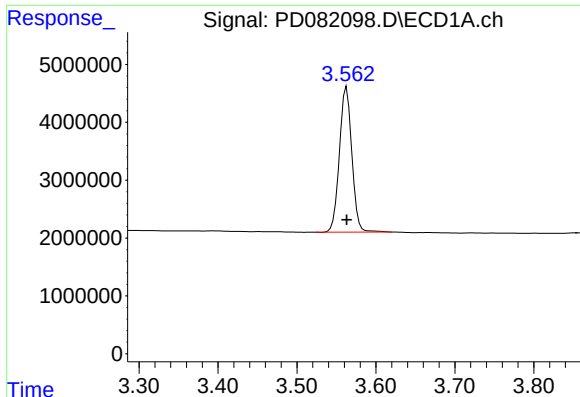
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031224\  
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ECD\_D  
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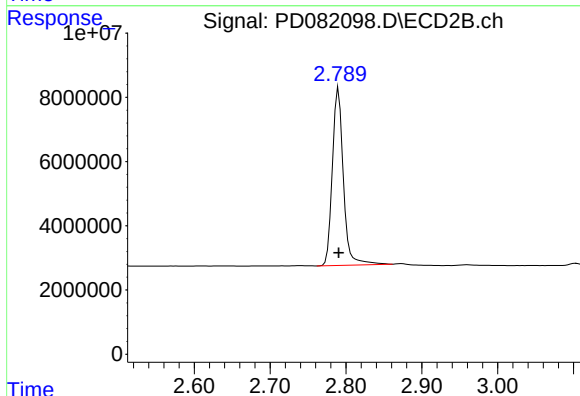




#1 Tetrachloro-m-xylene

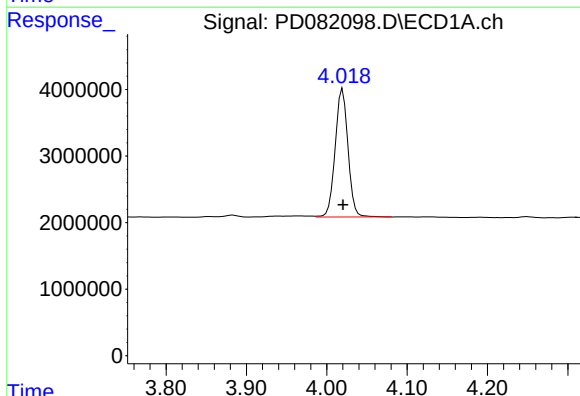
R.T.: 3.563 min  
Delta R.T.: 0.000 min  
Response: 27413682  
Conc: 18.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



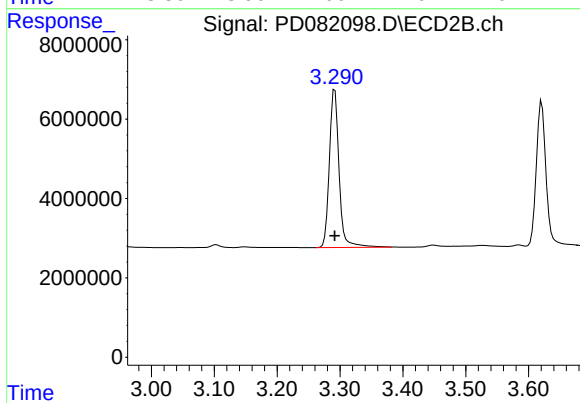
#1 Tetrachloro-m-xylene

R.T.: 2.790 min  
Delta R.T.: 0.000 min  
Response: 55795092  
Conc: 19.98 ng/ml



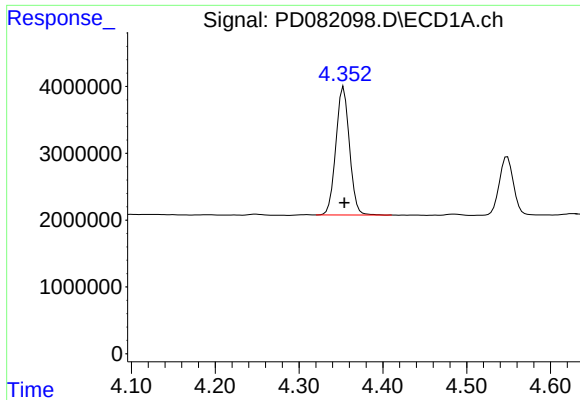
#2 alpha-BHC

R.T.: 4.020 min  
Delta R.T.: 0.000 min  
Response: 21365673  
Conc: 8.43 ng/ml



#2 alpha-BHC

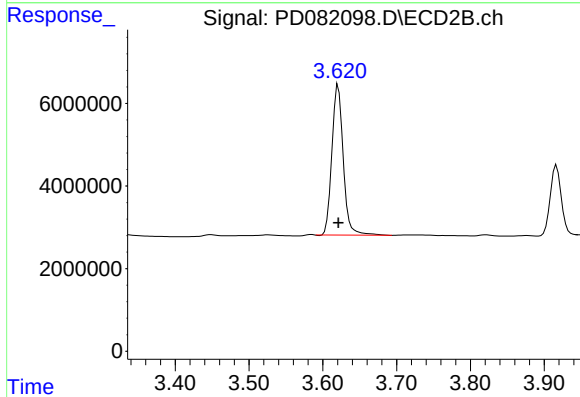
R.T.: 3.292 min  
Delta R.T.: 0.000 min  
Response: 42686227  
Conc: 9.91 ng/ml



#3 gamma-BHC (Lindane)

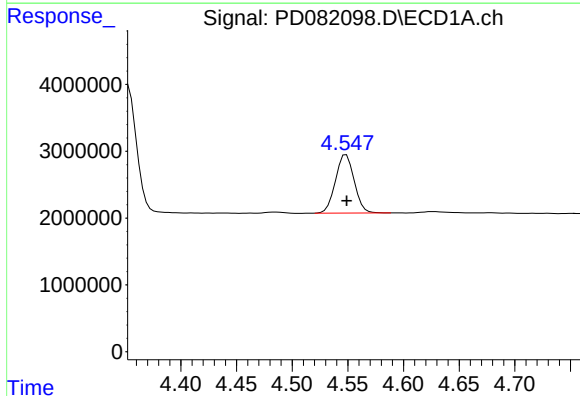
R.T.: 4.353 min  
Delta R.T.: 0.000 min  
Response: 21539550  
Conc: 8.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



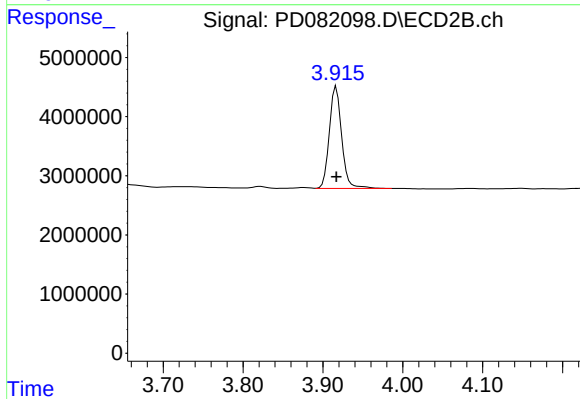
#3 gamma-BHC (Lindane)

R.T.: 3.621 min  
Delta R.T.: 0.000 min  
Response: 39043565  
Conc: 9.48 ng/ml



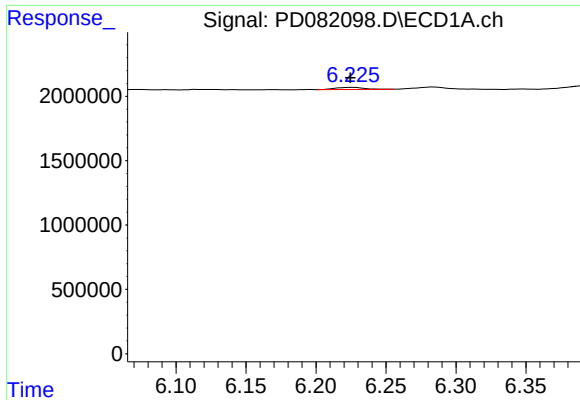
#6 beta-BHC

R.T.: 4.549 min  
Delta R.T.: 0.000 min  
Response: 10215617  
Conc: 9.73 ng/ml



#6 beta-BHC

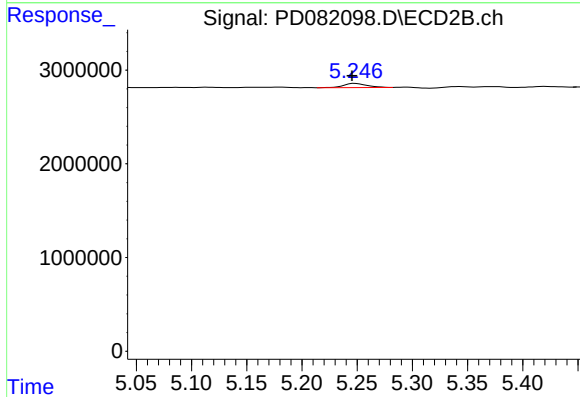
R.T.: 3.917 min  
Delta R.T.: 0.000 min  
Response: 18536599  
Conc: 10.95 ng/ml



#12 4,4'-DDE

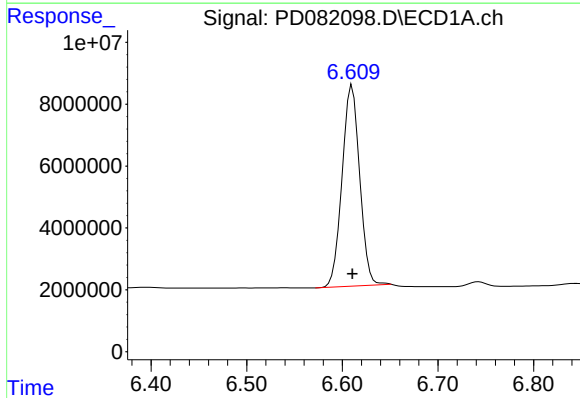
R.T.: 6.226 min  
Delta R.T.: 0.001 min  
Response: 251070  
Conc: 0.11 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



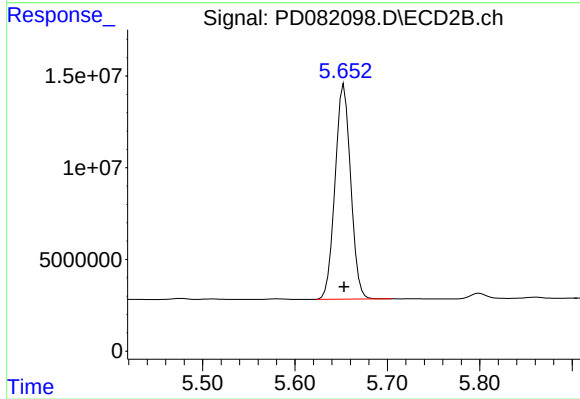
#12 4,4'-DDE

R.T.: 5.248 min  
Delta R.T.: 0.003 min  
Response: 648768  
Conc: 0.20 ng/ml



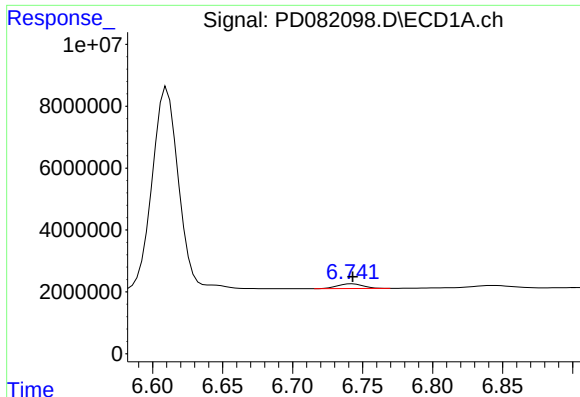
#14 Endrin

R.T.: 6.610 min  
Delta R.T.: 0.000 min  
Response: 83441469  
Conc: 45.90 ng/ml



#14 Endrin

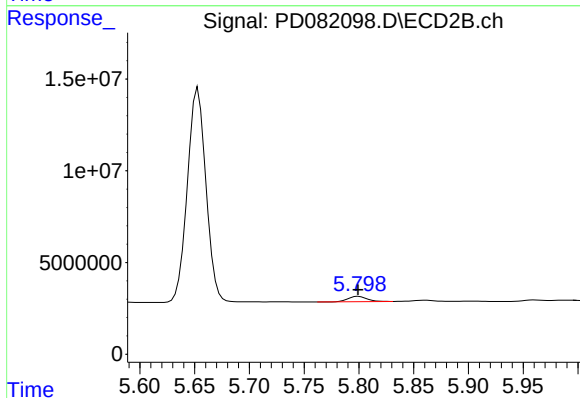
R.T.: 5.653 min  
Delta R.T.: 0.000 min  
Response: 137772501  
Conc: 46.66 ng/ml



#16 4,4'-DDD

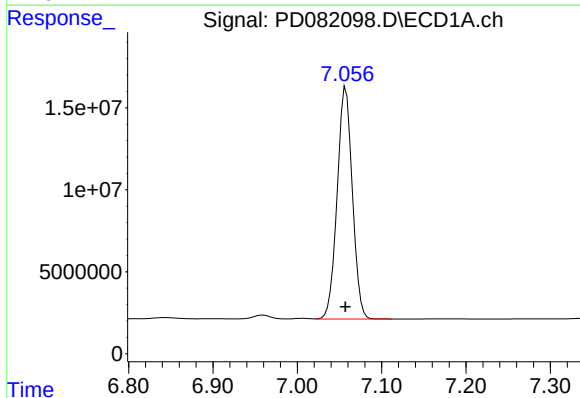
R.T.: 6.742 min  
Delta R.T.: 0.000 min  
Response: 1942292  
Conc: 1.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



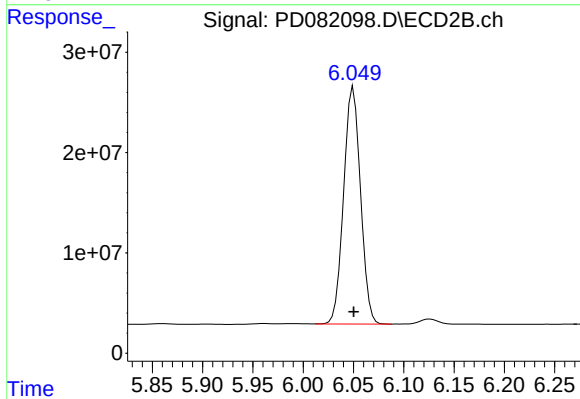
#16 4,4'-DDD

R.T.: 5.800 min  
Delta R.T.: 0.000 min  
Response: 3423830  
Conc: 1.24 ng/ml



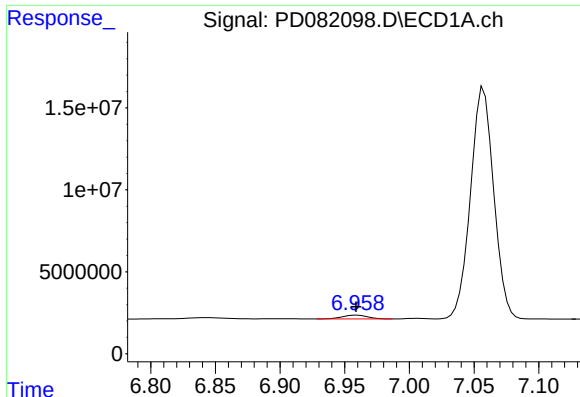
#17 4,4'-DDT

R.T.: 7.058 min  
Delta R.T.: 0.000 min  
Response: 177036288  
Conc: 100.09 ng/ml



#17 4,4'-DDT

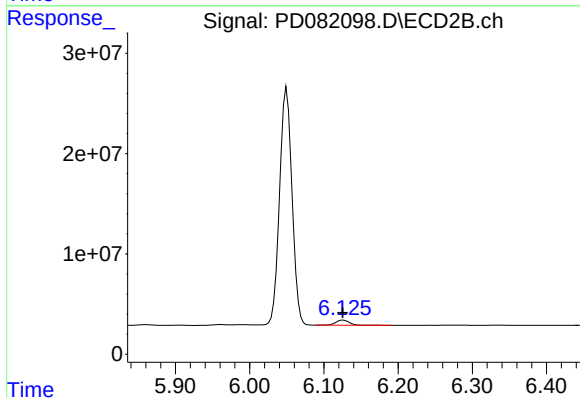
R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 275258052  
Conc: 102.46 ng/ml



#18 Endrin aldehyde

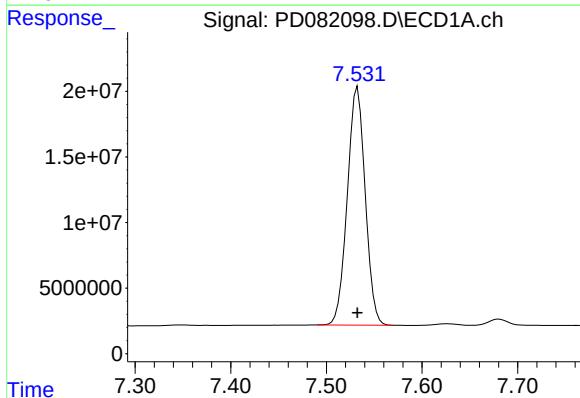
R.T.: 6.959 min  
Delta R.T.: 0.000 min  
Response: 3188727  
Conc: 2.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



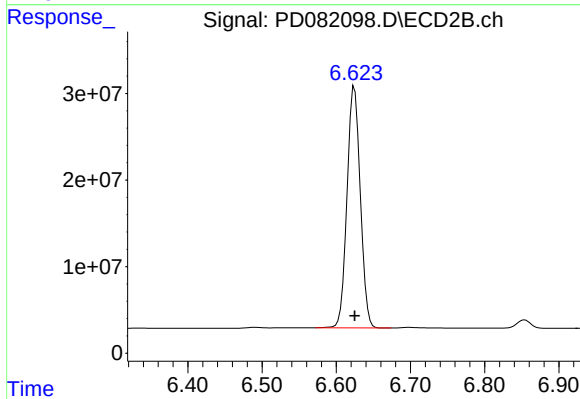
#18 Endrin aldehyde

R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 6460655  
Conc: 2.72 ng/ml



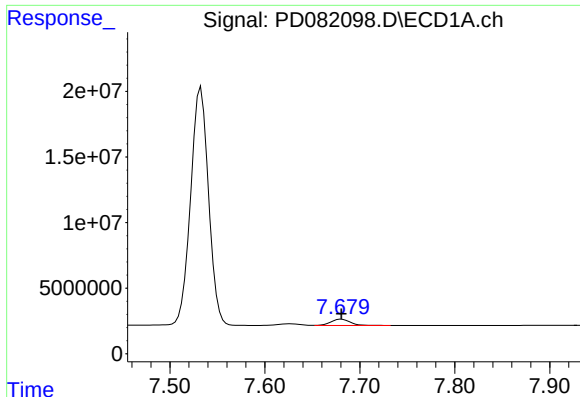
#20 Methoxychlor

R.T.: 7.533 min  
Delta R.T.: 0.000 min  
Response: 236912381  
Conc: 232.67 ng/ml



#20 Methoxychlor

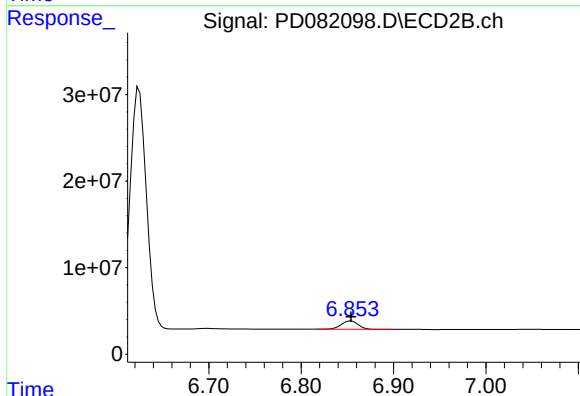
R.T.: 6.625 min  
Delta R.T.: 0.000 min  
Response: 346864159  
Conc: 227.26 ng/ml



#21 Endrin ketone

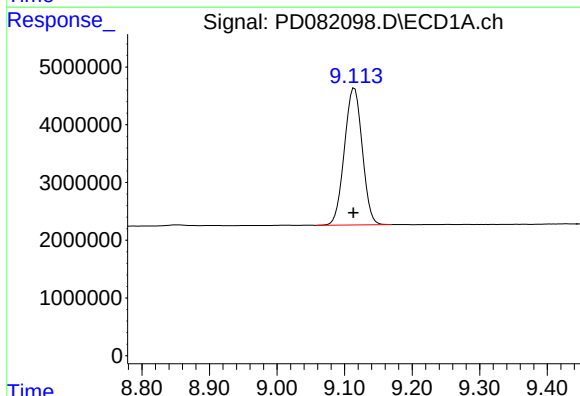
R.T.: 7.681 min  
Delta R.T.: 0.000 min  
Response: 6588133  
Conc: 2.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



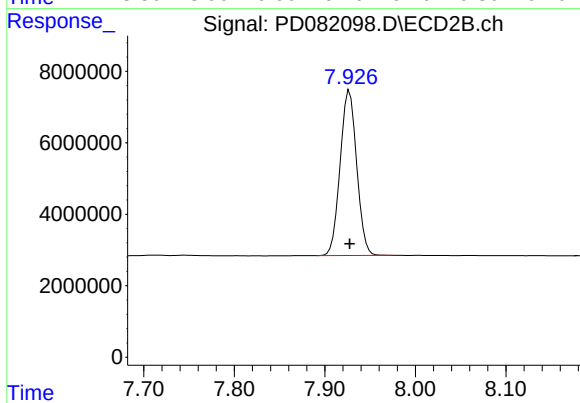
#21 Endrin ketone

R.T.: 6.854 min  
Delta R.T.: 0.000 min  
Response: 12117280  
Conc: 3.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.115 min  
Delta R.T.: 0.002 min  
Response: 43392246  
Conc: 21.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.927 min  
Delta R.T.: 0.000 min  
Response: 58693390  
Conc: 20.63 ng/ml