

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031423\  
 Data File : PD074211.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Mar 2023 20:59  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 05:08:01 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD031423.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 15 05:04:28 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 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... | 3.550 | 2.771 | 46012414 | 23535756 | 19.726  | 19.339  |
| 28)                         | SA Decachlor... | 9.099 | 7.926 | 53435628 | 24981302 | 19.979  | 20.361  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.007 | 3.275 | 35596585 | 17024395 | 9.173   | 9.161   |
| 3)                          | MA gamma-BHC... | 4.341 | 3.605 | 33932103 | 15766573 | 9.672   | 9.203   |
| 6)                          | B beta-BHC      | 4.535 | 3.901 | 15938813 | 8050374  | 10.785  | 10.661  |
| 12)                         | B 4,4'-DDE      | 6.214 | 5.239 | 468586   | 522204   | 0.170   | 0.370 # |
| 14)                         | MA Endrin       | 6.598 | 5.643 | 113.2E6  | 60892150 | 45.570  | 46.590  |
| 16)                         | A 4,4'-DDD      | 6.731 | 5.793 | 2165062  | 1754931  | 0.965   | 1.503 # |
| 17)                         | MA 4,4'-DDT     | 7.046 | 6.044 | 242.0E6  | 123.2E6  | 94.942  | 100.332 |
| 18)                         | B Endrin al...  | 6.947 | 6.119 | 3454958  | 2930264  | 1.728   | 2.885 # |
| 20)                         | A Methoxychlor  | 7.522 | 6.620 | 327.8E6  | 155.2E6  | 234.260 | 229.409 |
| 21)                         | B Endrin ke...  | 7.669 | 6.847 | 6862055  | 4210210  | 2.465   | 2.854   |
| -----                       |                 |       |       |          |          |         |         |

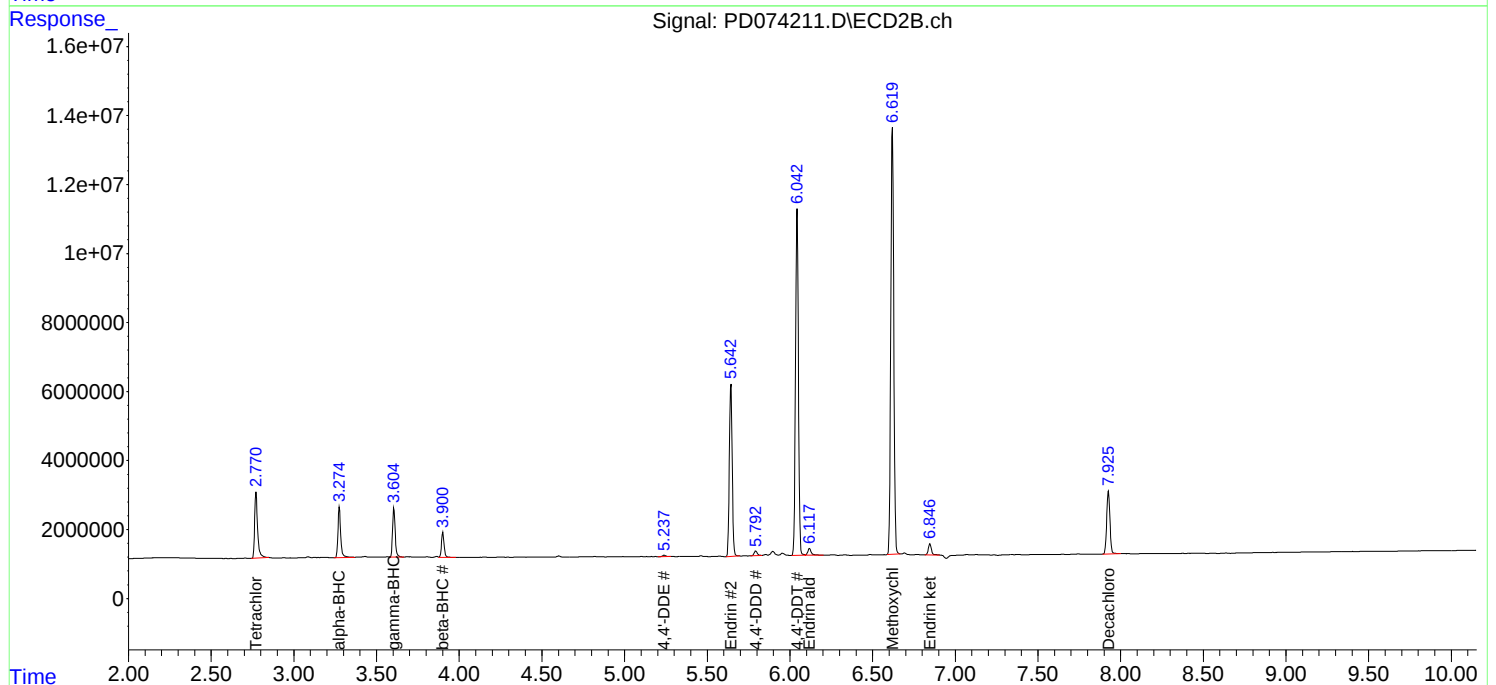
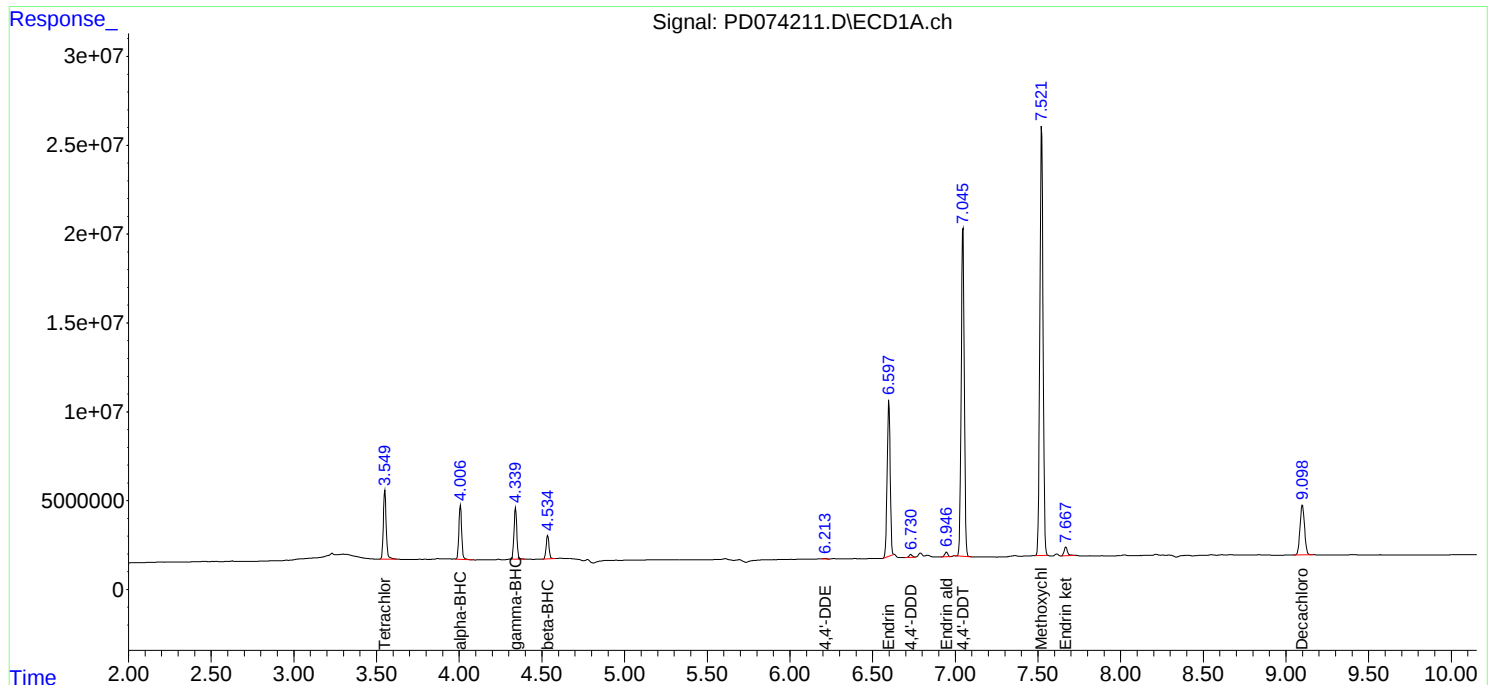
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

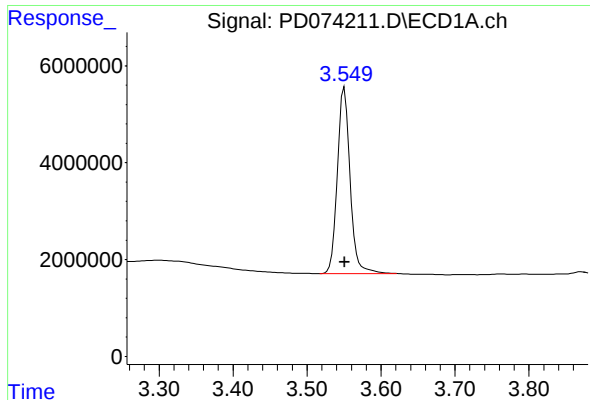
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD031423\  
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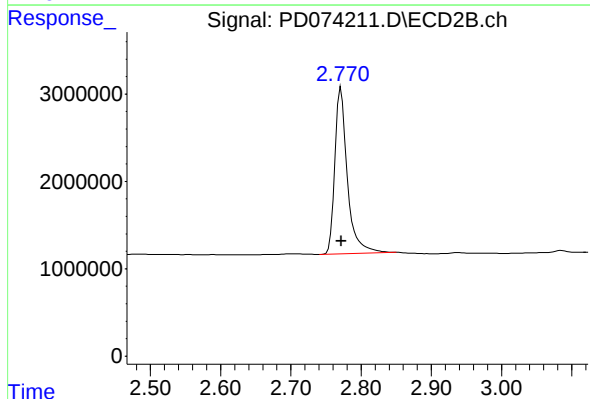




#1 Tetrachloro-m-xylene

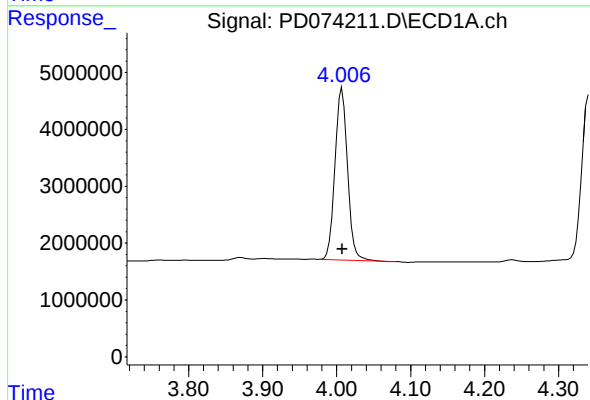
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 46012414  
Conc: 19.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



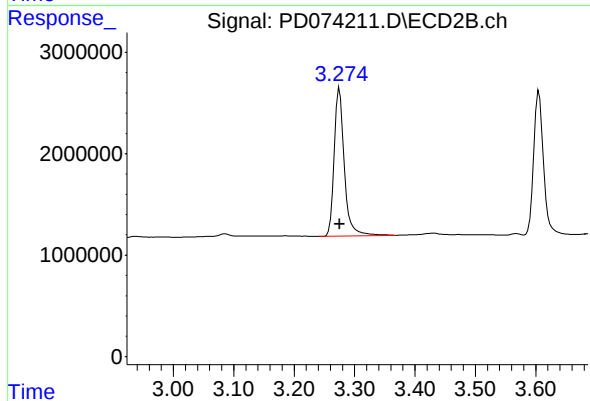
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.000 min  
Response: 23535756  
Conc: 19.34 ng/ml



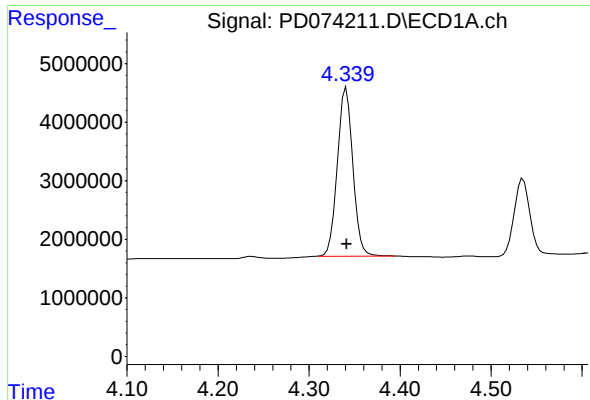
#2 alpha-BHC

R.T.: 4.007 min  
Delta R.T.: 0.000 min  
Response: 35596585  
Conc: 9.17 ng/ml



#2 alpha-BHC

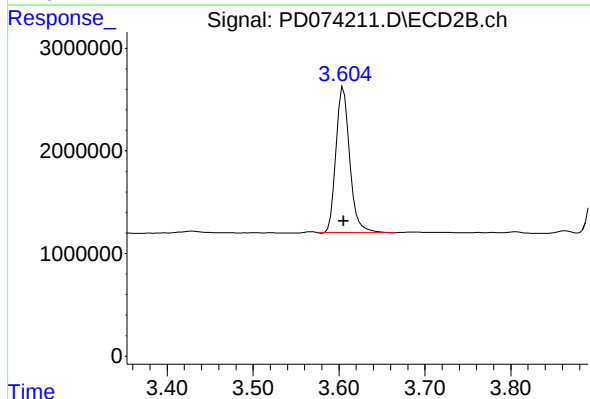
R.T.: 3.275 min  
Delta R.T.: 0.000 min  
Response: 17024395  
Conc: 9.16 ng/ml



#3 gamma-BHC (Lindane)

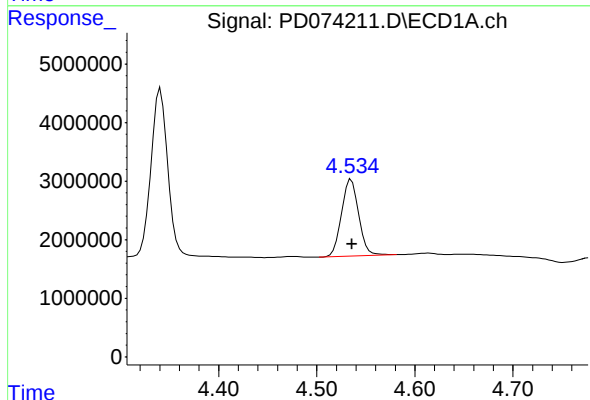
R.T.: 4.341 min  
Delta R.T.: 0.000 min  
Response: 33932103  
Conc: 9.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



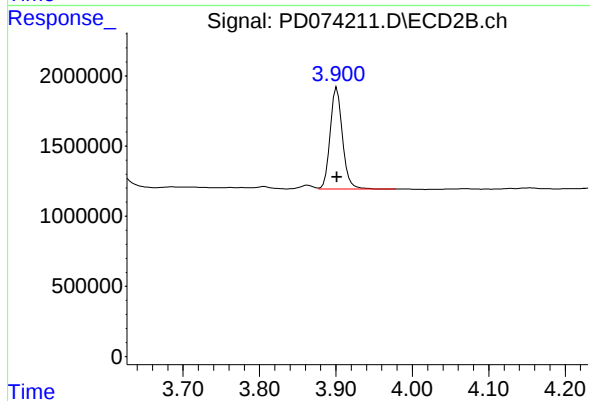
#3 gamma-BHC (Lindane)

R.T.: 3.605 min  
Delta R.T.: 0.000 min  
Response: 15766573  
Conc: 9.20 ng/ml



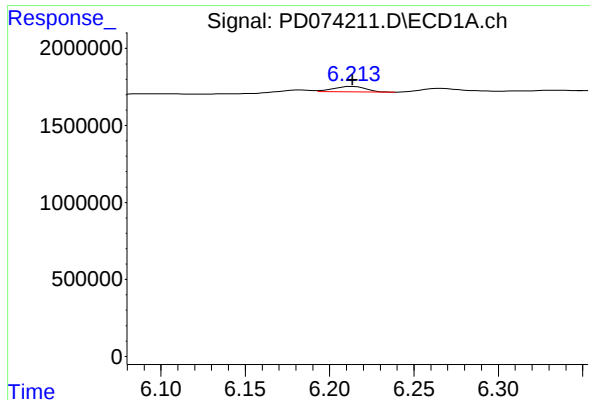
#6 beta-BHC

R.T.: 4.535 min  
Delta R.T.: 0.000 min  
Response: 15938813  
Conc: 10.78 ng/ml



#6 beta-BHC

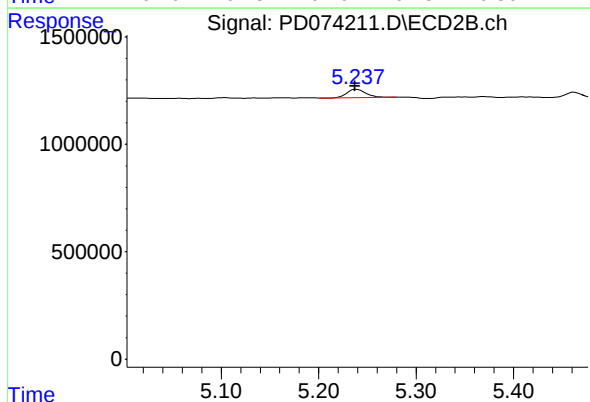
R.T.: 3.901 min  
Delta R.T.: 0.000 min  
Response: 8050374  
Conc: 10.66 ng/ml



#12 4,4'-DDE

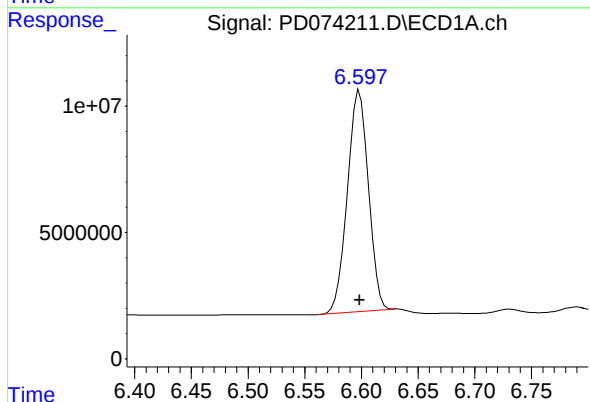
R.T.: 6.214 min  
Delta R.T.: 0.000 min  
Response: 468586  
Conc: 0.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



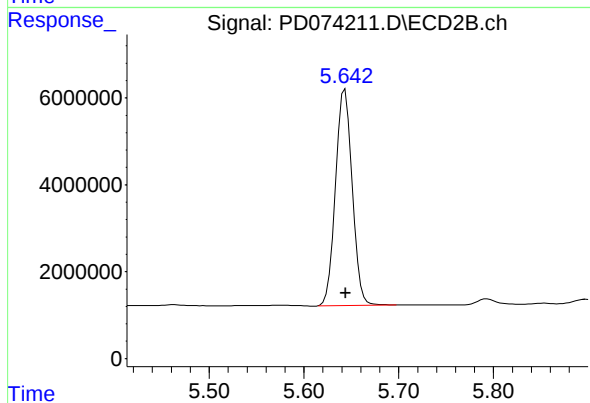
#12 4,4'-DDE

R.T.: 5.239 min  
Delta R.T.: 0.002 min  
Response: 522204  
Conc: 0.37 ng/ml



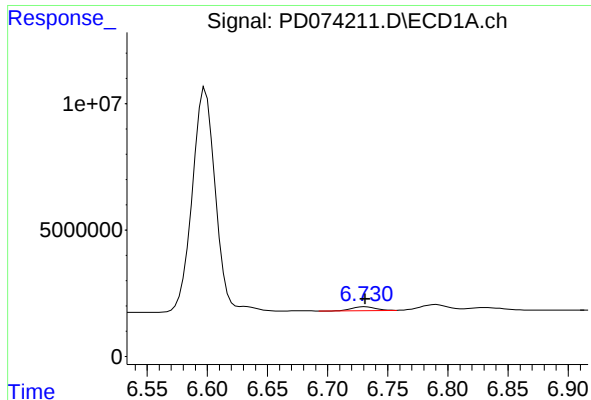
#14 Endrin

R.T.: 6.598 min  
Delta R.T.: 0.000 min  
Response: 113245603  
Conc: 45.57 ng/ml



#14 Endrin

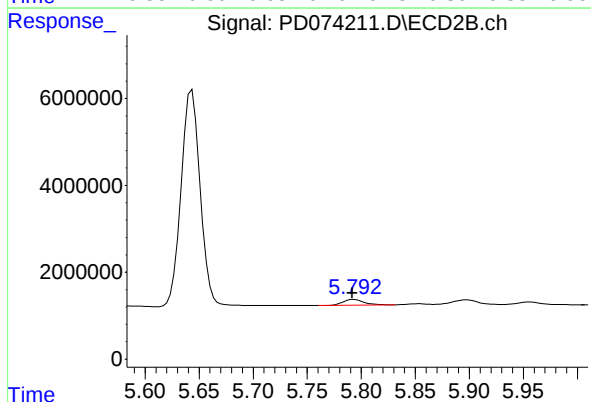
R.T.: 5.643 min  
Delta R.T.: 0.000 min  
Response: 60892150  
Conc: 46.59 ng/ml



#16 4,4'-DDD

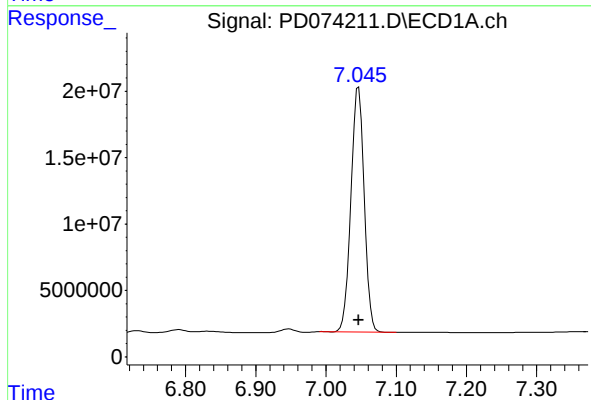
R.T.: 6.731 min  
Delta R.T.: 0.000 min  
Response: 2165062  
Conc: 0.97 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



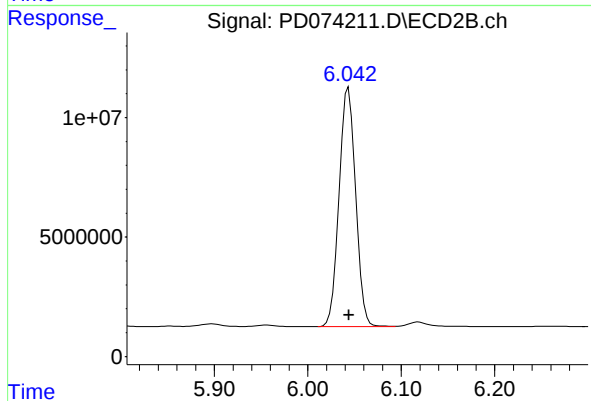
#16 4,4'-DDD

R.T.: 5.793 min  
Delta R.T.: 0.001 min  
Response: 1754931  
Conc: 1.50 ng/ml



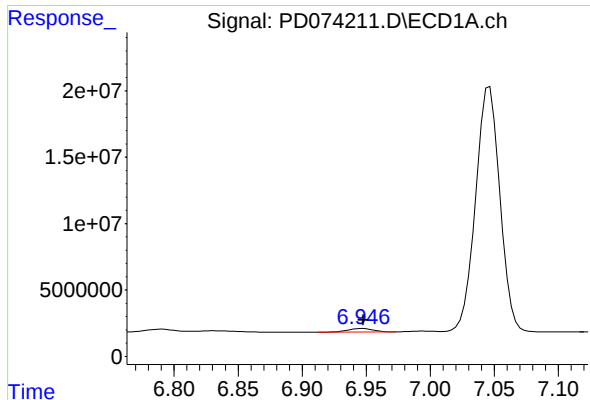
#17 4,4'-DDT

R.T.: 7.046 min  
Delta R.T.: 0.000 min  
Response: 242012557  
Conc: 94.94 ng/ml



#17 4,4'-DDT

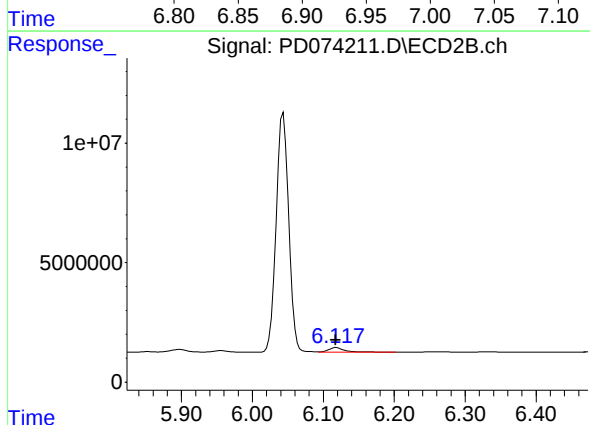
R.T.: 6.044 min  
Delta R.T.: 0.000 min  
Response: 123209133  
Conc: 100.33 ng/ml



#18 Endrin aldehyde

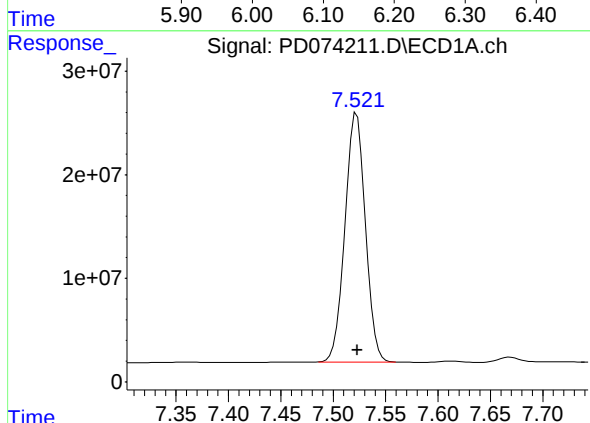
R.T.: 6.947 min  
Delta R.T.: 0.000 min  
Response: 3454958  
Conc: 1.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



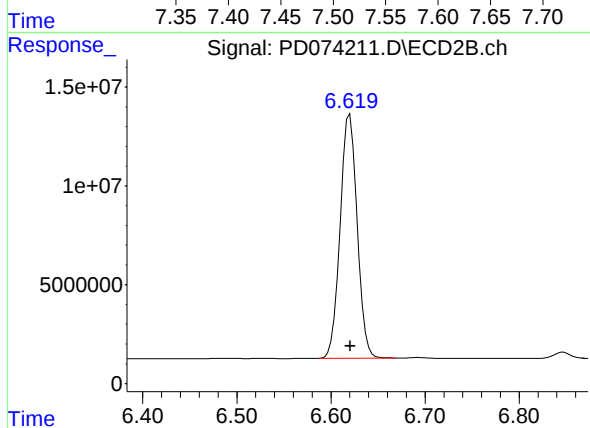
#18 Endrin aldehyde

R.T.: 6.119 min  
Delta R.T.: 0.001 min  
Response: 2930264  
Conc: 2.89 ng/ml



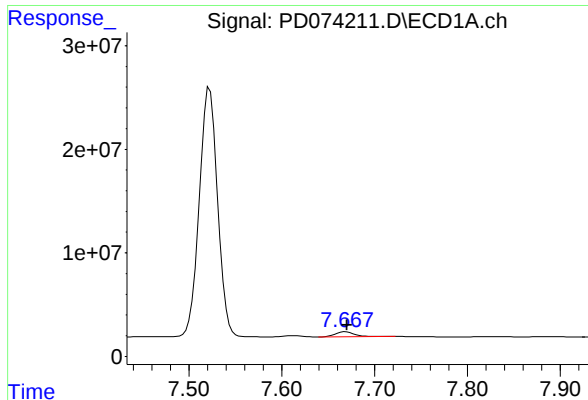
#20 Methoxychlor

R.T.: 7.522 min  
Delta R.T.: 0.000 min  
Response: 327773137  
Conc: 234.26 ng/ml



#20 Methoxychlor

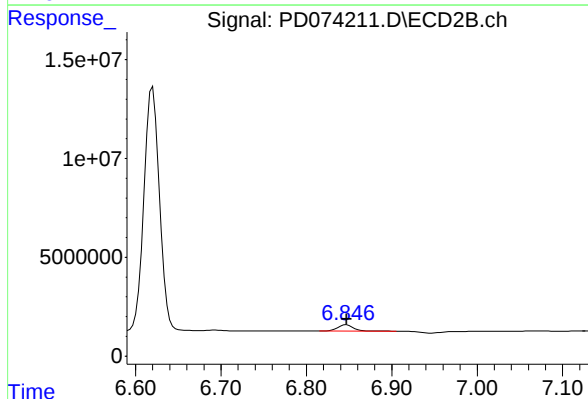
R.T.: 6.620 min  
Delta R.T.: 0.000 min  
Response: 155224369  
Conc: 229.41 ng/ml



#21 Endrin ketone

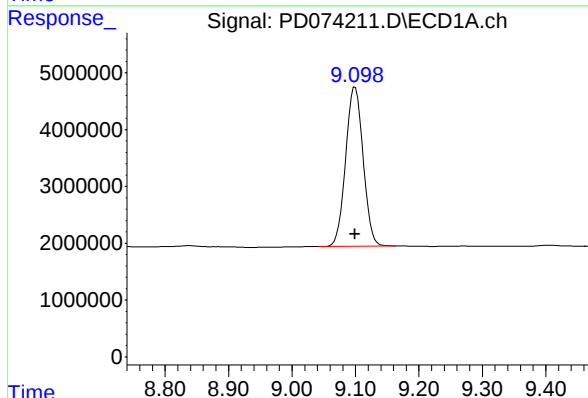
R.T.: 7.669 min  
Delta R.T.: -0.002 min  
Response: 6862055  
Conc: 2.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



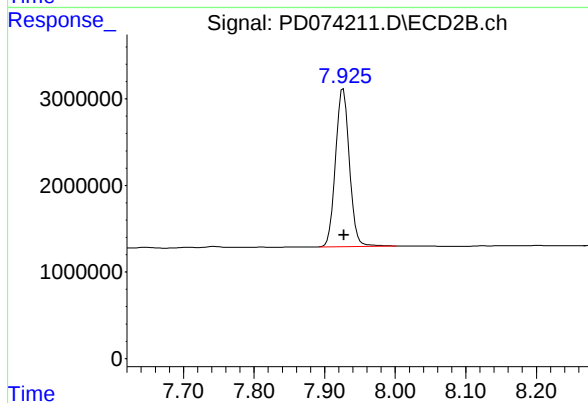
#21 Endrin ketone

R.T.: 6.847 min  
Delta R.T.: 0.000 min  
Response: 4210210  
Conc: 2.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.099 min  
Delta R.T.: 0.000 min  
Response: 53435628  
Conc: 19.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min  
Delta R.T.: 0.000 min  
Response: 24981302  
Conc: 20.36 ng/ml