

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111621\  
 Data File : PL070998.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Nov 2021 09:32  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 17 03:42:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110321.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Nov 04 19:28:07 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|---------|
| -----                       |                 |        |        |          |          |         |         |
| System Monitoring Compounds |                 |        |        |          |          |         |         |
| 1)                          | SA Tetrachlo... | 4.569  | 5.503  | 9825562  | 24607276 | 20.060  | 19.516  |
| 28)                         | SA Decachlor... | 10.332 | 11.396 | 14213770 | 24908201 | 20.802  | 18.625  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.275  | 6.083  | 6076873  | 16733594 | 9.078   | 9.090   |
| 3)                          | MA gamma-BHC... | 5.698  | 6.479  | 6068732  | 15639358 | 9.047   | 9.019   |
| 6)                          | B beta-BHC      | 6.078  | 6.736  | 3439570  | 9089723  | 10.589m | 10.609  |
| 12)                         | B 4,4'-DDE      | 7.568  | 8.501  | 198283   | 487982   | 0.340   | 0.331m  |
| 14)                         | MA Endrin       | 7.986  | 8.896  | 26237441 | 56751046 | 46.277  | 48.995  |
| 16)                         | A 4,4'-DDD      | 8.154  | 9.042  | 985456   | 1889340  | 1.940   | 1.570   |
| 17)                         | MA 4,4'-DDT     | 8.415  | 9.359  | 52546129 | 121.9E6  | 95.543  | 96.621  |
| 18)                         | B Endrin al...  | 8.487  | 9.268  | 695090   | 2320386  | 1.530   | 2.399 # |
| 20)                         | A Methoxychlor  | 9.010  | 9.846  | 70810679 | 142.3E6  | 193.556 | 210.232 |
| 21)                         | B Endrin ke...  | 9.233  | 10.000 | 2128954  | 2575732  | 2.977   | 1.794 # |
| -----                       |                 |        |        |          |          |         |         |

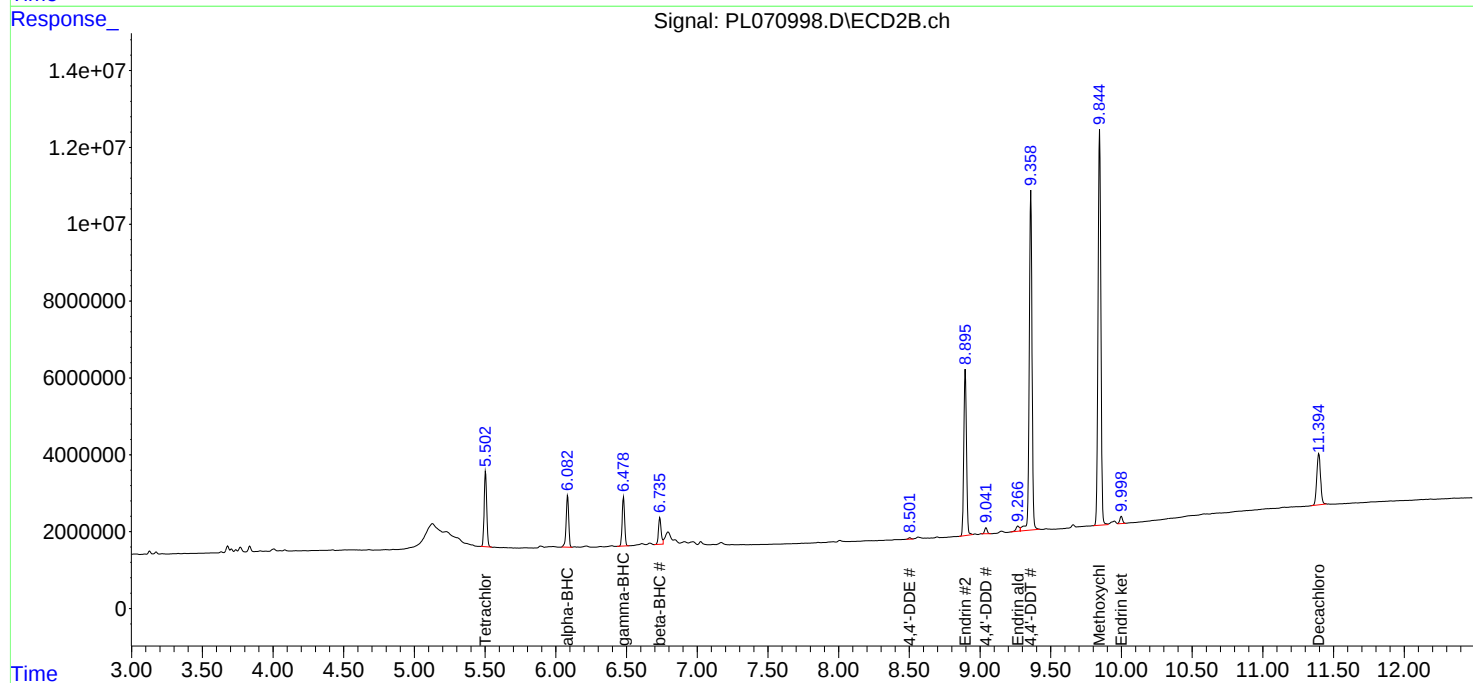
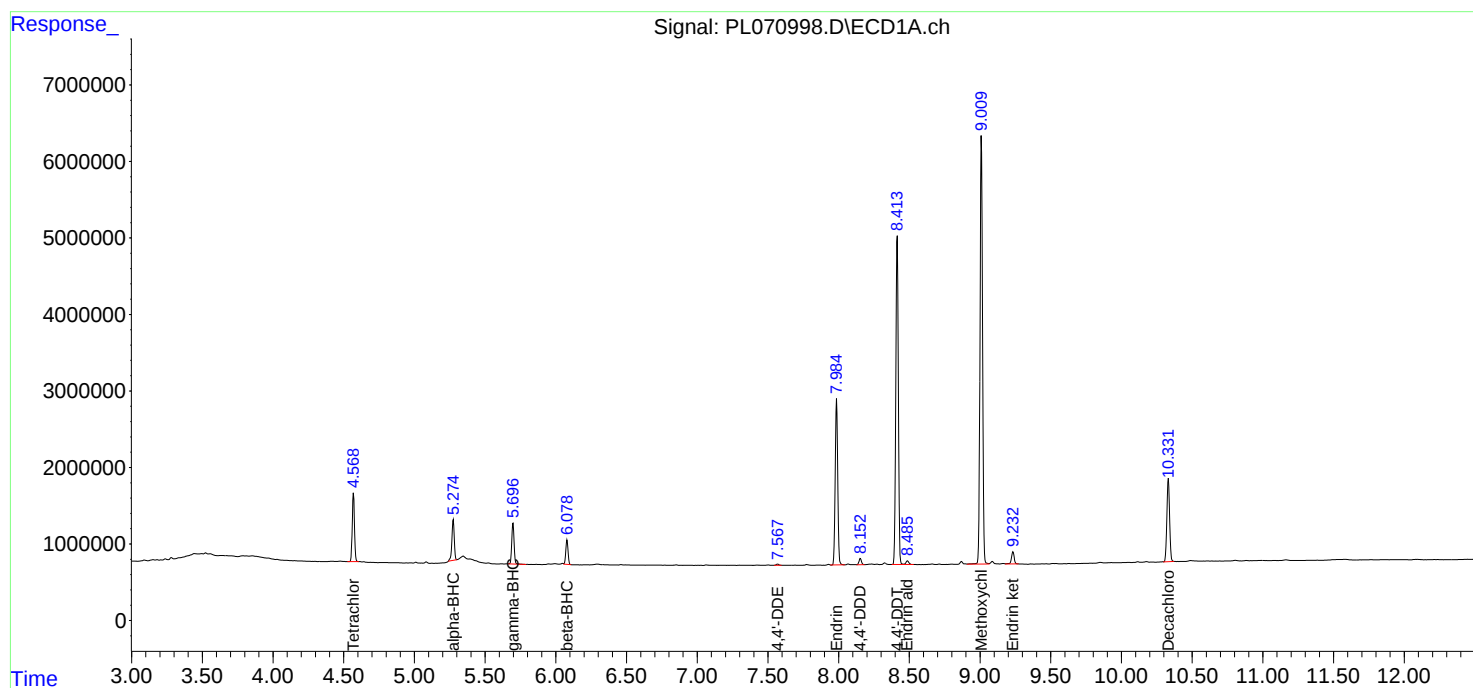
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

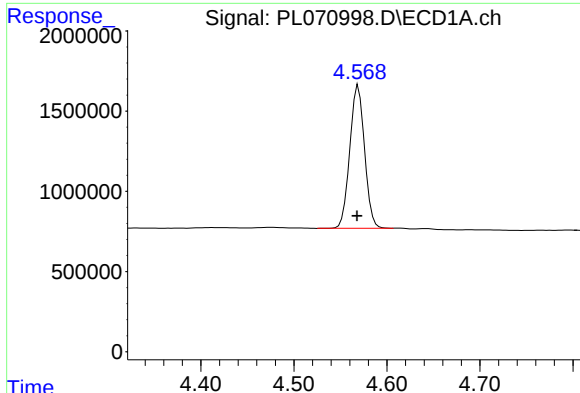
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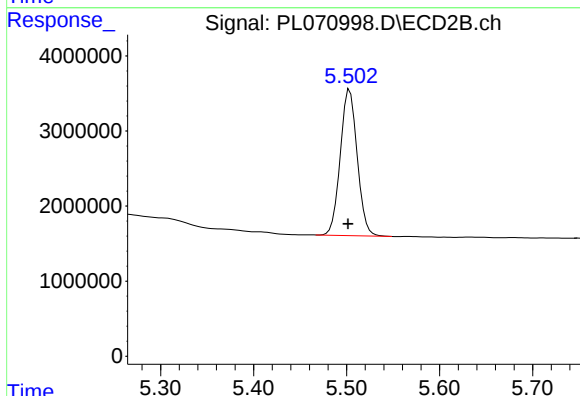




#1 Tetrachloro-m-xylene

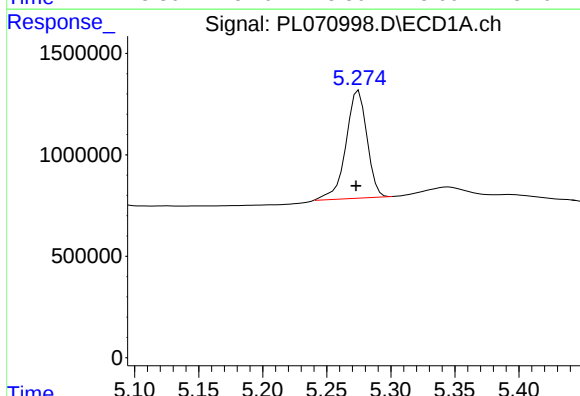
R.T.: 4.569 min  
Delta R.T.: 0.001 min  
Response: 9825562  
Conc: 20.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



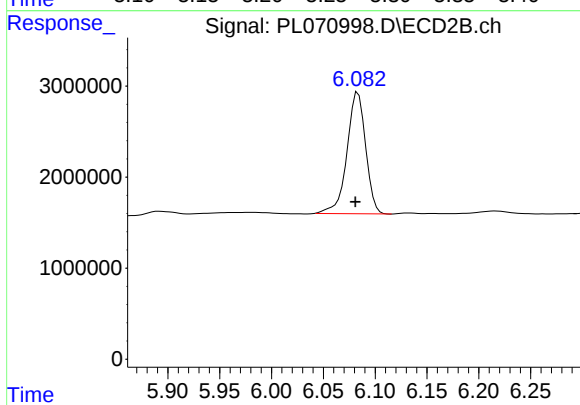
#1 Tetrachloro-m-xylene

R.T.: 5.503 min  
Delta R.T.: 0.002 min  
Response: 24607276  
Conc: 19.52 ng/ml



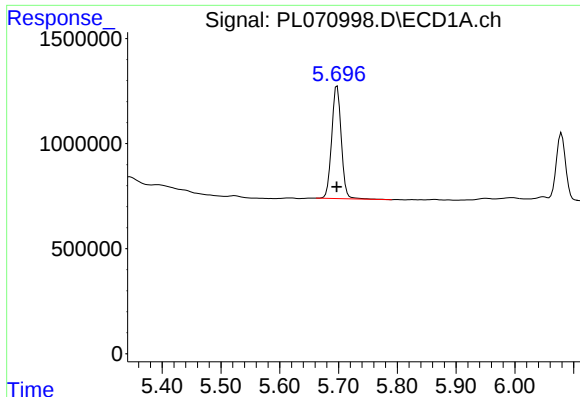
#2 alpha-BHC

R.T.: 5.275 min  
Delta R.T.: 0.002 min  
Response: 6076873  
Conc: 9.08 ng/ml



#2 alpha-BHC

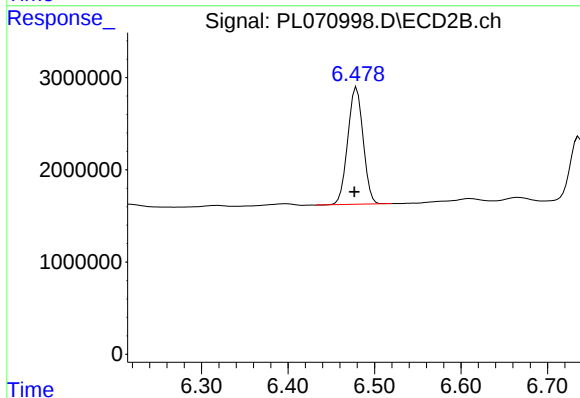
R.T.: 6.083 min  
Delta R.T.: 0.002 min  
Response: 16733594  
Conc: 9.09 ng/ml



#3 gamma-BHC (Lindane)

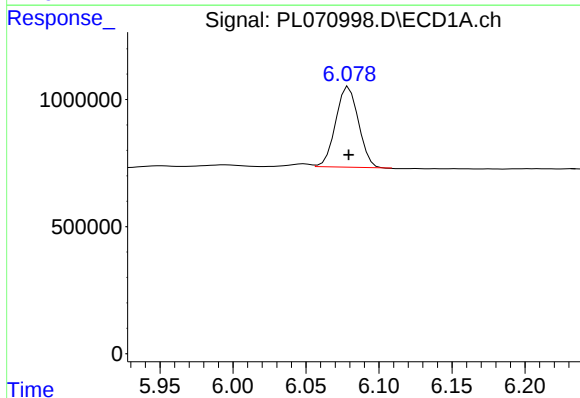
R.T.: 5.698 min  
Delta R.T.: 0.001 min  
Response: 6068732  
Conc: 9.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



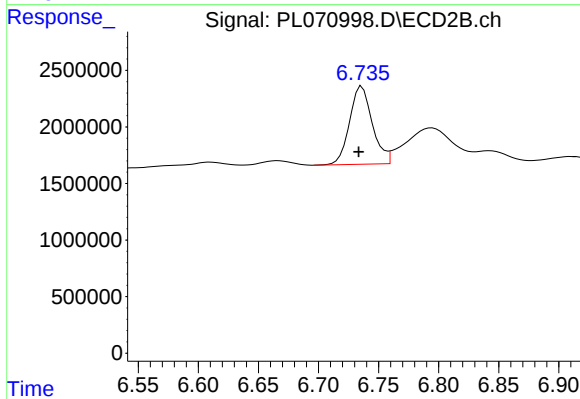
#3 gamma-BHC (Lindane)

R.T.: 6.479 min  
Delta R.T.: 0.003 min  
Response: 15639358  
Conc: 9.02 ng/ml



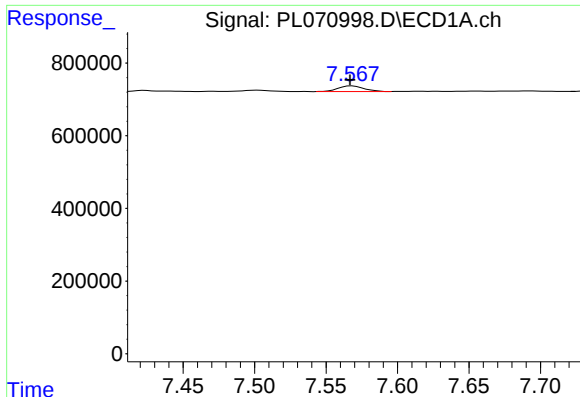
#6 beta-BHC

R.T.: 6.078 min  
Delta R.T.: -0.001 min  
Response: 3439570  
Conc: 10.59 ng/ml m



#6 beta-BHC

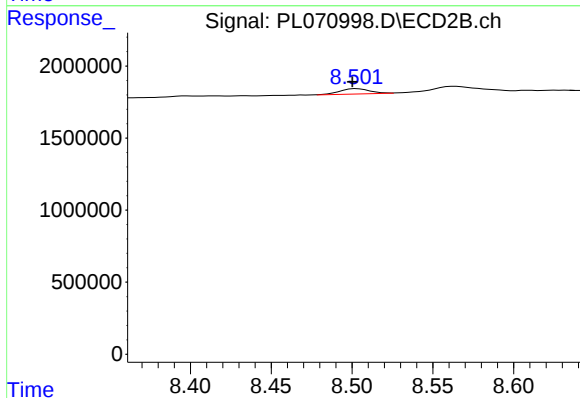
R.T.: 6.736 min  
Delta R.T.: 0.003 min  
Response: 9089723  
Conc: 10.61 ng/ml



#12 4,4'-DDE

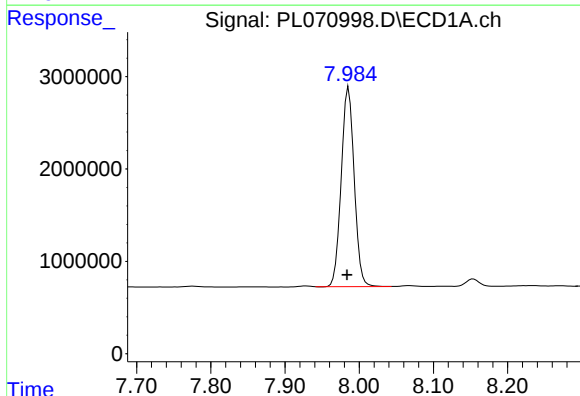
R.T.: 7.568 min  
Delta R.T.: 0.001 min  
Response: 198283  
Conc: 0.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



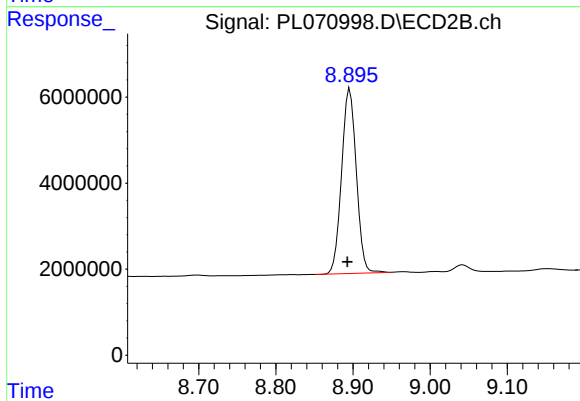
#12 4,4'-DDE

R.T.: 8.501 min  
Delta R.T.: 0.000 min  
Response: 487982  
Conc: 0.33 ng/ml m



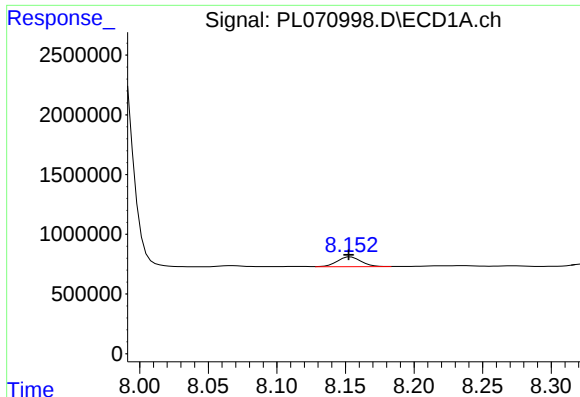
#14 Endrin

R.T.: 7.986 min  
Delta R.T.: 0.002 min  
Response: 26237441  
Conc: 46.28 ng/ml



#14 Endrin

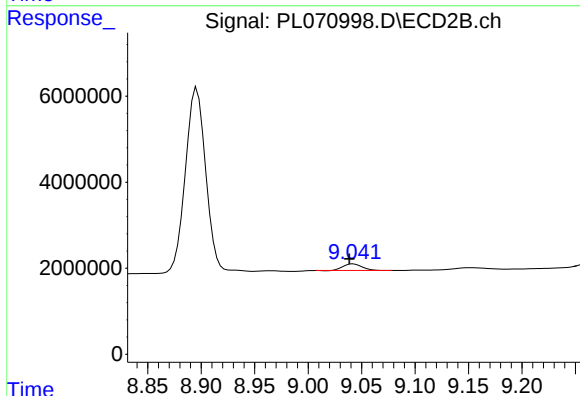
R.T.: 8.896 min  
Delta R.T.: 0.003 min  
Response: 56751046  
Conc: 49.00 ng/ml



#16 4,4'-DDD

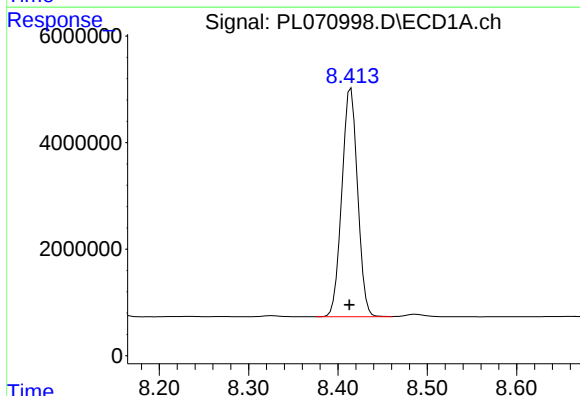
R.T.: 8.154 min  
Delta R.T.: 0.001 min  
Response: 985456  
Conc: 1.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



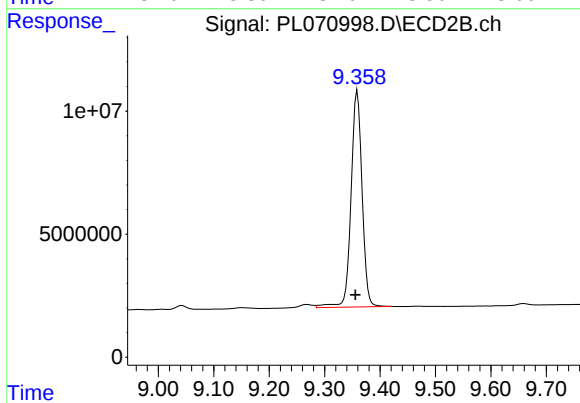
#16 4,4'-DDD

R.T.: 9.042 min  
Delta R.T.: 0.004 min  
Response: 1889340  
Conc: 1.57 ng/ml



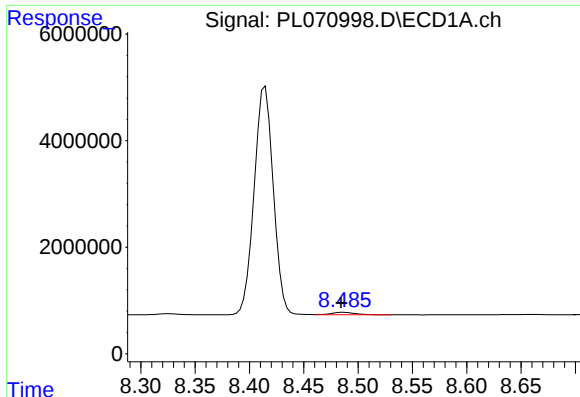
#17 4,4'-DDT

R.T.: 8.415 min  
Delta R.T.: 0.002 min  
Response: 52546129  
Conc: 95.54 ng/ml



#17 4,4'-DDT

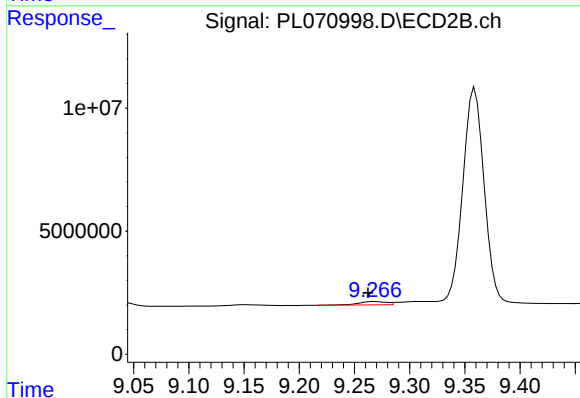
R.T.: 9.359 min  
Delta R.T.: 0.003 min  
Response: 121895128  
Conc: 96.62 ng/ml



#18 Endrin aldehyde

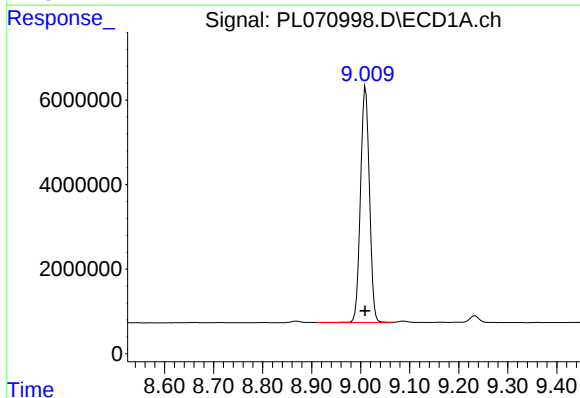
R.T.: 8.487 min  
Delta R.T.: 0.003 min  
Response: 695090  
Conc: 1.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



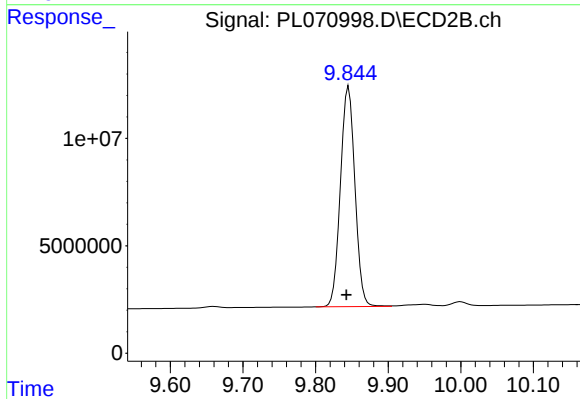
#18 Endrin aldehyde

R.T.: 9.268 min  
Delta R.T.: 0.005 min  
Response: 2320386  
Conc: 2.40 ng/ml



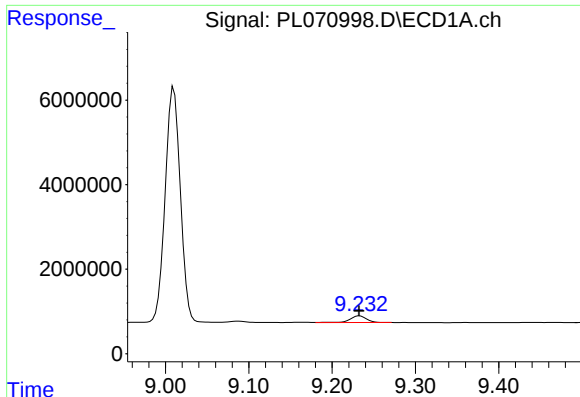
#20 Methoxychlor

R.T.: 9.010 min  
Delta R.T.: 0.001 min  
Response: 70810679  
Conc: 193.56 ng/ml



#20 Methoxychlor

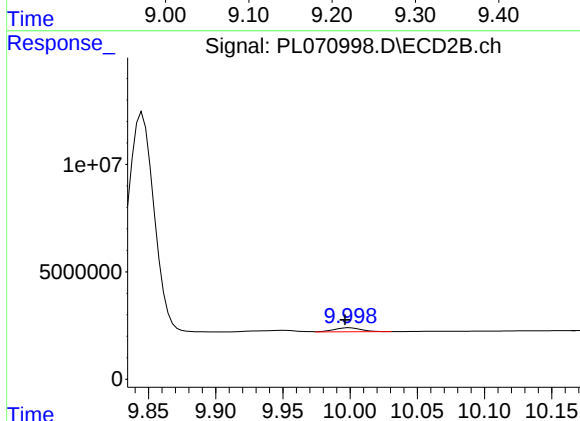
R.T.: 9.846 min  
Delta R.T.: 0.003 min  
Response: 142285650  
Conc: 210.23 ng/ml



#21 Endrin ketone

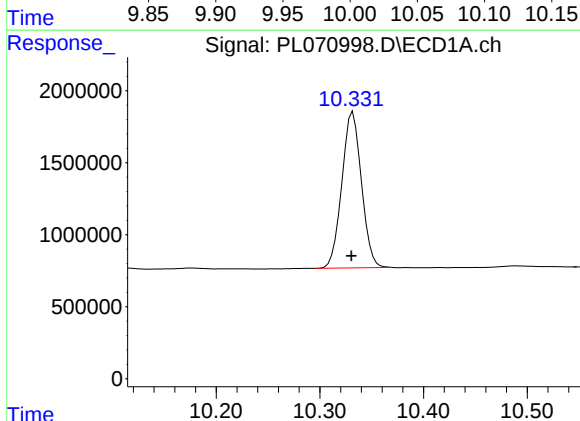
R.T.: 9.233 min  
Delta R.T.: 0.000 min  
Response: 2128954  
Conc: 2.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



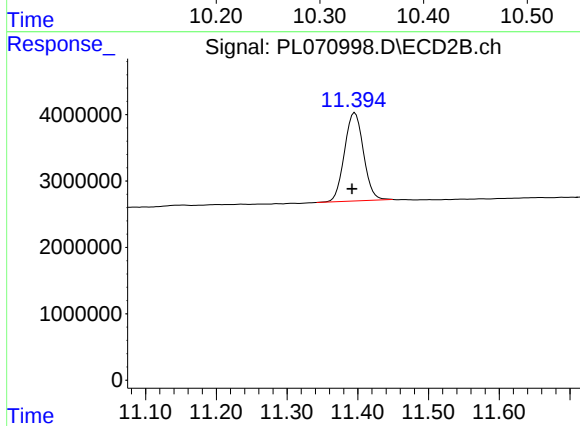
#21 Endrin ketone

R.T.: 10.000 min  
Delta R.T.: 0.003 min  
Response: 2575732  
Conc: 1.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.332 min  
Delta R.T.: 0.002 min  
Response: 14213770  
Conc: 20.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.396 min  
Delta R.T.: 0.004 min  
Response: 24908201  
Conc: 18.62 ng/ml