

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112219\  
 Data File : PL054553.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Nov 2019 15:19  
 Operator : SG\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 22 22:25:29 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL111819.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 19 01:04:14 2019  
 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... | 3.539 | 4.044 | 220.1E6  | 52702423 | 21.170  | 21.633  |
| 28)                         | SA Decachlor... | 8.322 | 9.126 | 181.6E6  | 50330438 | 20.514  | 20.817  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.982 | 4.436 | 175.9E6  | 34765272 | 10.323  | 10.325  |
| 3)                          | MA gamma-BHC... | 4.269 | 4.721 | 149.7E6  | 32073360 | 9.966   | 10.431  |
| 6)                          | B beta-BHC      | 4.519 | 4.892 | 72999340 | 16948036 | 11.355  | 11.312  |
| 12)                         | B 4,4'-DDE      | 5.721 | 6.387 | 3990318  | 455671   | 0.345   | 0.191 # |
| 14)                         | MA Endrin       | 6.117 | 6.755 | 570.3E6  | 106.5E6  | 51.630  | 50.242  |
| 16)                         | A 4,4'-DDD      | 6.239 | 0.000 | 6573683  | 0        | 0.797   | N.D. #  |
| 17)                         | MA 4,4'-DDT     | 6.482 | 7.176 | 999.2E6  | 205.5E6  | 110.207 | 104.770 |
| 18)                         | B Endrin al...  | 6.554 | 0.000 | 6944456  | 0        | 0.811   | N.D. #  |
| 20)                         | A Methoxychlor  | 7.027 | 7.634 | 1158.4E6 | 273.2E6  | 253.111 | 244.860 |
| 21)                         | B Endrin ke...  | 7.265 | 7.783 | 6650574  | 1664478  | 0.662   | 0.735   |
| -----                       |                 |       |       |          |          |         |         |

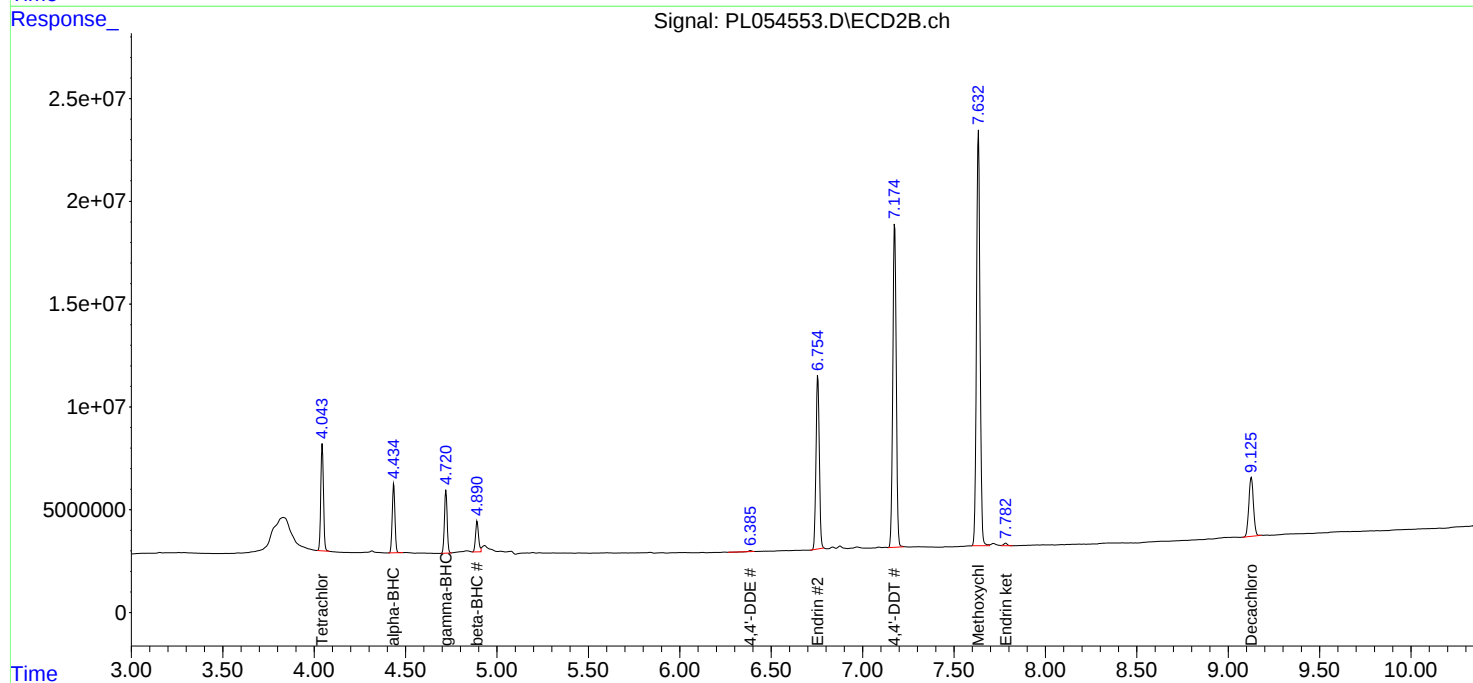
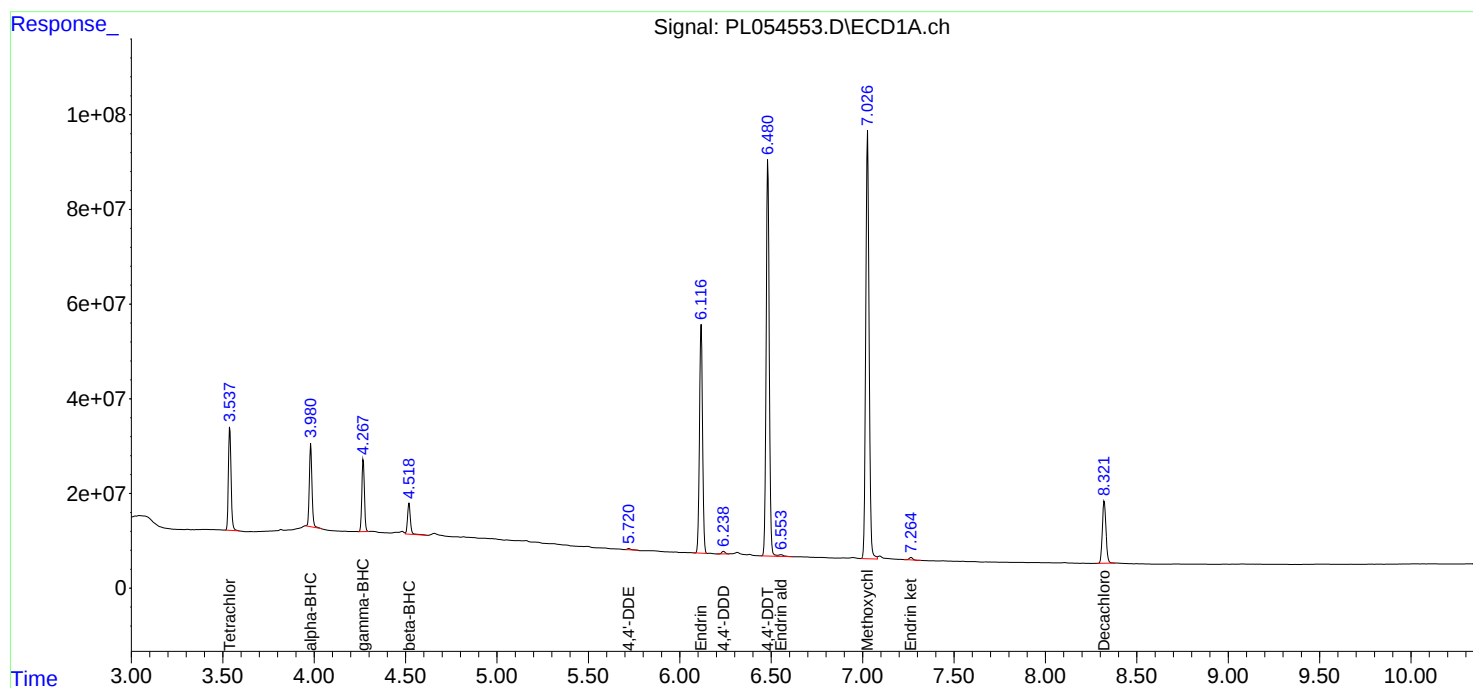
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

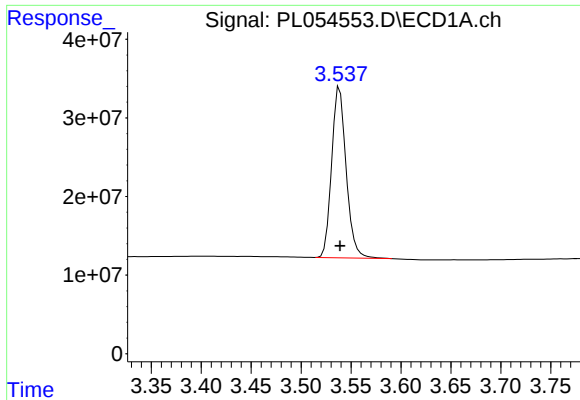
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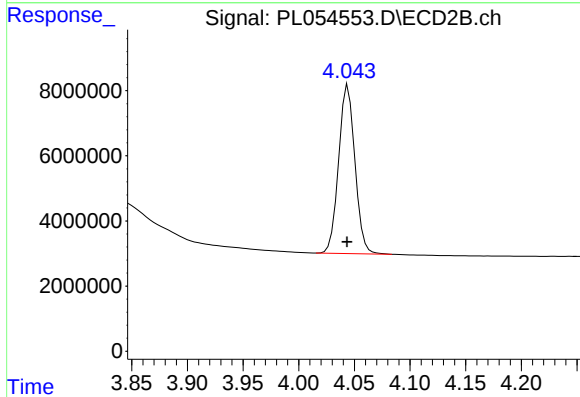




#1 Tetrachloro-m-xylene

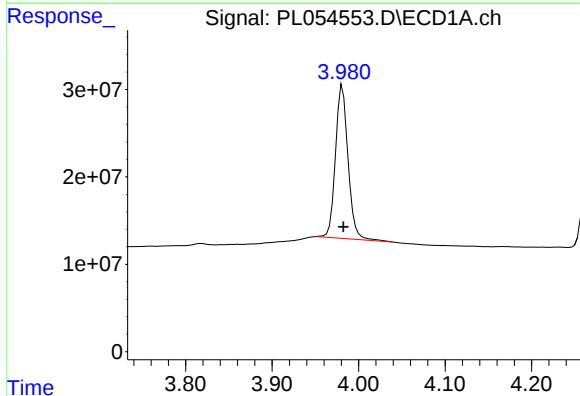
R.T.: 3.539 min  
Delta R.T.: 0.000 min  
Response: 220117203  
Conc: 21.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



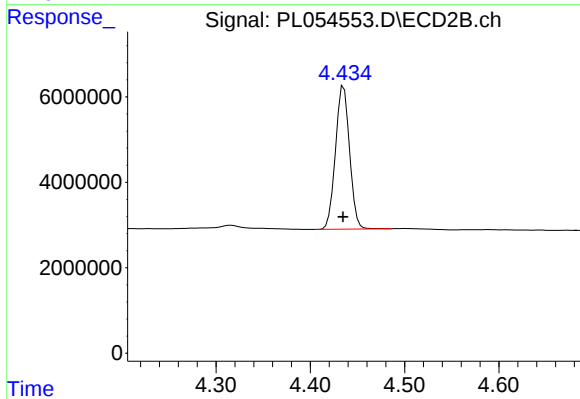
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 52702423  
Conc: 21.63 ng/ml



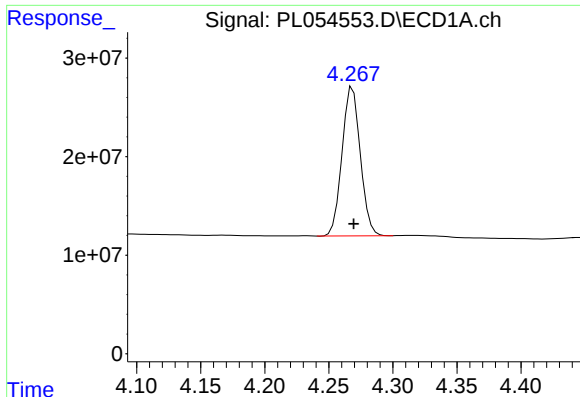
#2 alpha-BHC

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 175861603  
Conc: 10.32 ng/ml



#2 alpha-BHC

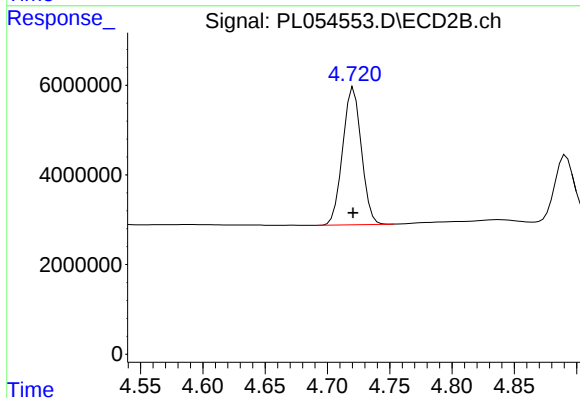
R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 34765272  
Conc: 10.33 ng/ml



#3 gamma-BHC (Lindane)

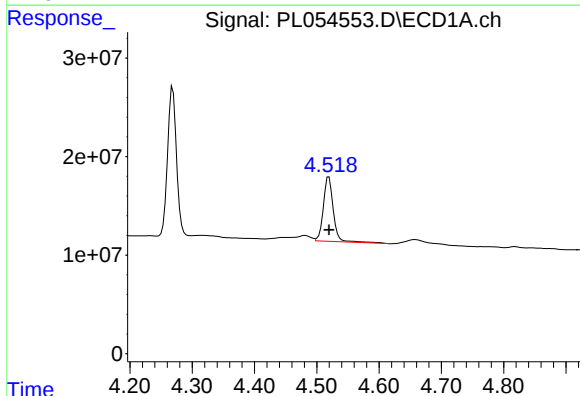
R.T.: 4.269 min  
Delta R.T.: 0.000 min  
Response: 149728754  
Conc: 9.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



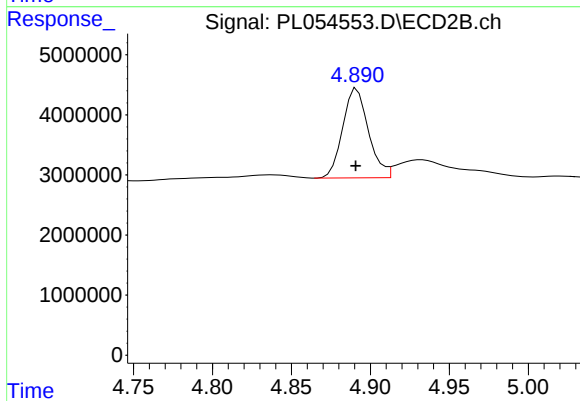
#3 gamma-BHC (Lindane)

R.T.: 4.721 min  
Delta R.T.: 0.000 min  
Response: 32073360  
Conc: 10.43 ng/ml



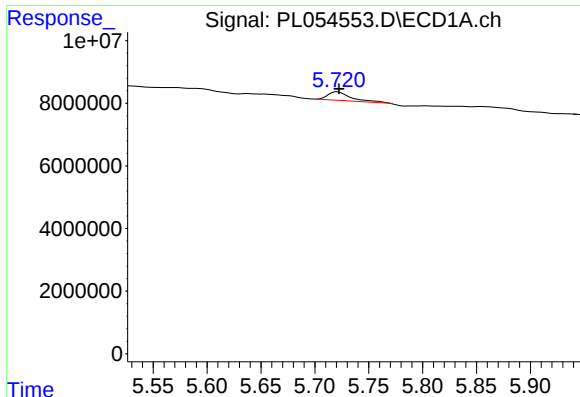
#6 beta-BHC

R.T.: 4.519 min  
Delta R.T.: 0.000 min  
Response: 72999340  
Conc: 11.35 ng/ml



#6 beta-BHC

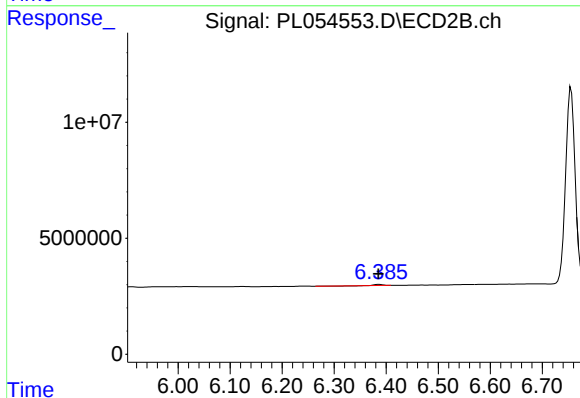
R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 16948036  
Conc: 11.31 ng/ml



#12 4,4'-DDE

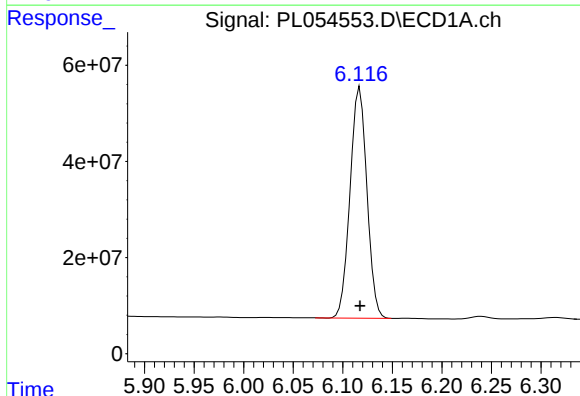
R.T.: 5.721 min  
Delta R.T.: -0.001 min  
Response: 3990318  
Conc: 0.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



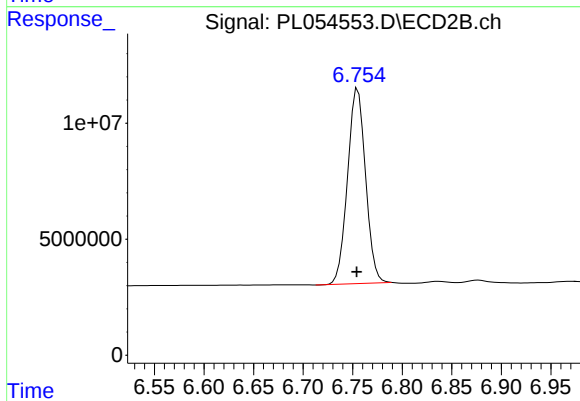
#12 4,4'-DDE

R.T.: 6.387 min  
Delta R.T.: 0.001 min  
Response: 455671  
Conc: 0.19 ng/ml



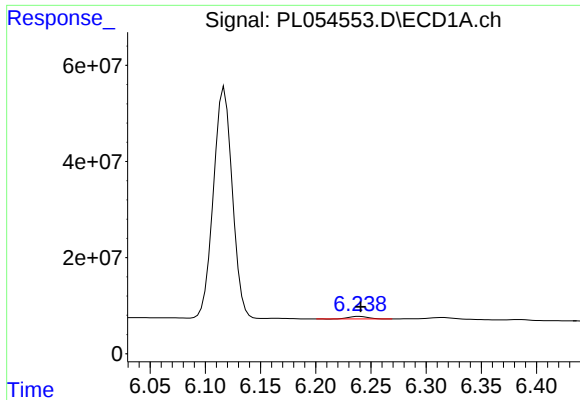
#14 Endrin

R.T.: 6.117 min  
Delta R.T.: 0.000 min  
Response: 570311746  
Conc: 51.63 ng/ml



#14 Endrin

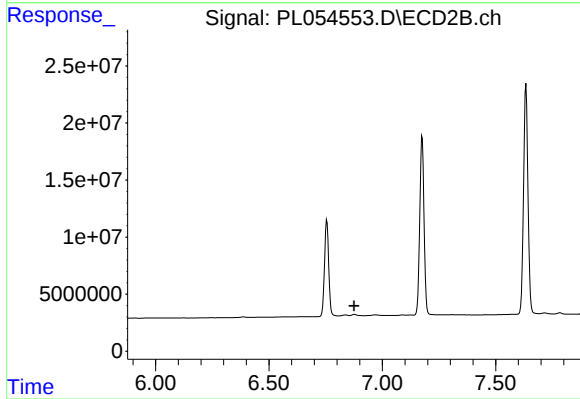
R.T.: 6.755 min  
Delta R.T.: 0.001 min  
Response: 106496863  
Conc: 50.24 ng/ml



#16 4,4'-DDD

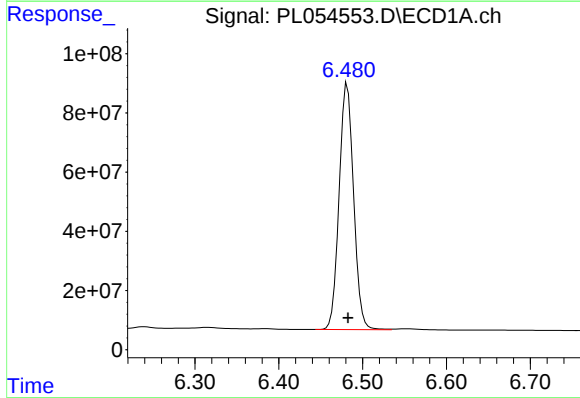
R.T.: 6.239 min  
Delta R.T.: -0.001 min  
Response: 6573683  
Conc: 0.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



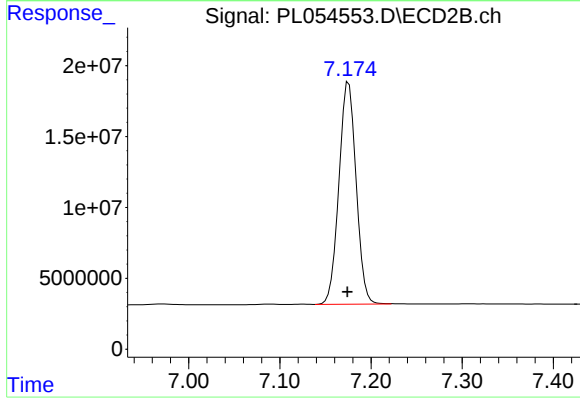
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.875 min  
Response: 0  
Conc: N.D.



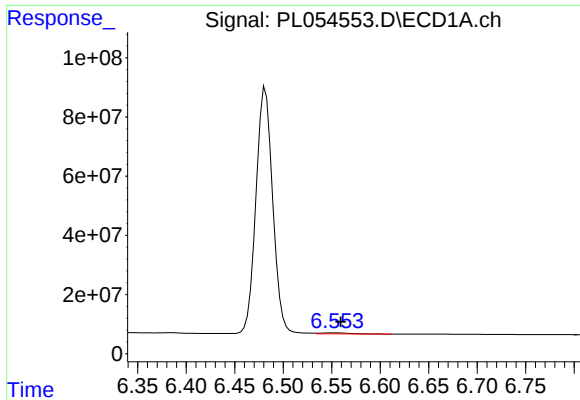
#17 4,4'-DDT

R.T.: 6.482 min  
Delta R.T.: 0.000 min  
Response: 999186103  
Conc: 110.21 ng/ml



#17 4,4'-DDT

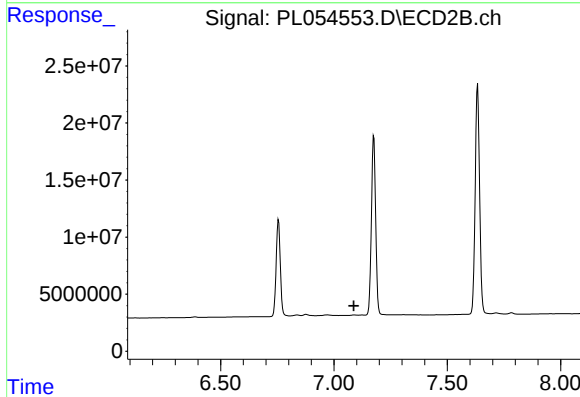
R.T.: 7.176 min  
Delta R.T.: 0.001 min  
Response: 205517036  
Conc: 104.77 ng/ml



#18 Endrin aldehyde

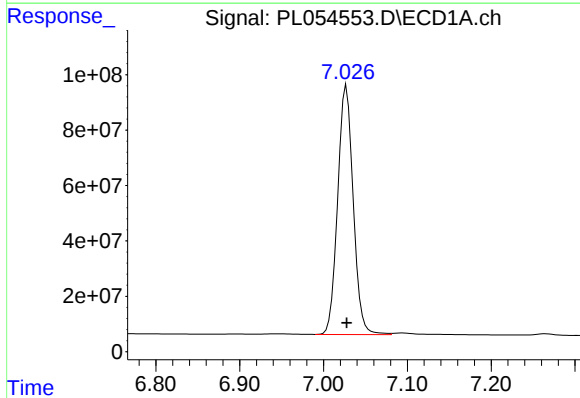
R.T.: 6.554 min  
Delta R.T.: -0.006 min  
Response: 6944456  
Conc: 0.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



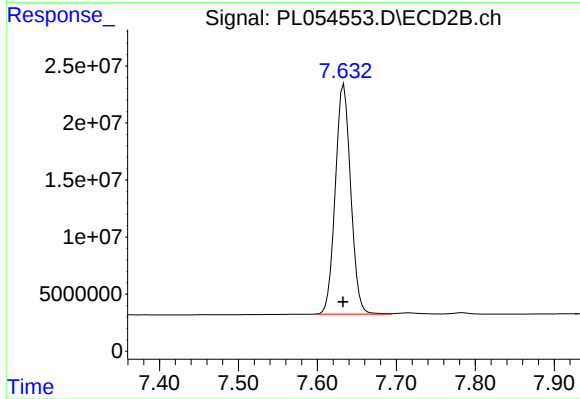
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 7.087 min  
Response: 0  
Conc: N.D.



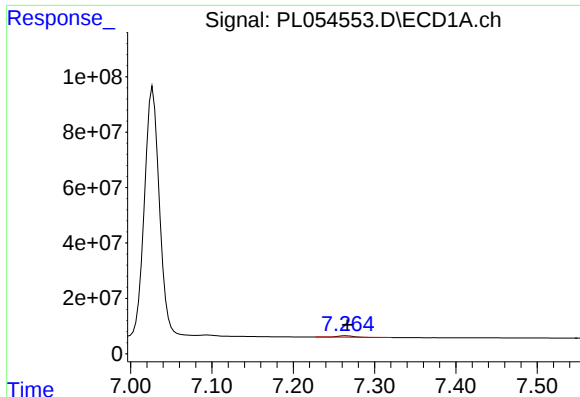
#20 Methoxychlor

R.T.: 7.027 min  
Delta R.T.: 0.000 min  
Response: 1158441399  
Conc: 253.11 ng/ml



#20 Methoxychlor

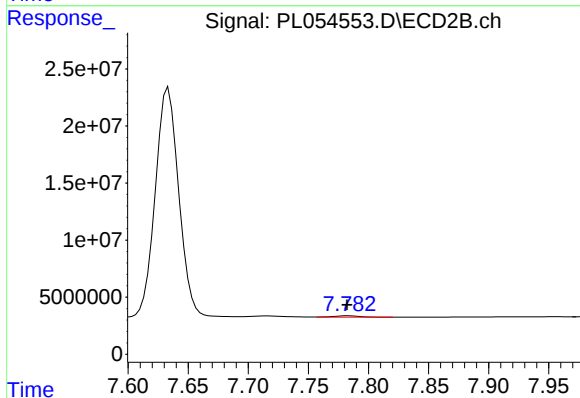
R.T.: 7.634 min  
Delta R.T.: 0.001 min  
Response: 273227915  
Conc: 244.86 ng/ml



#21 Endrin ketone

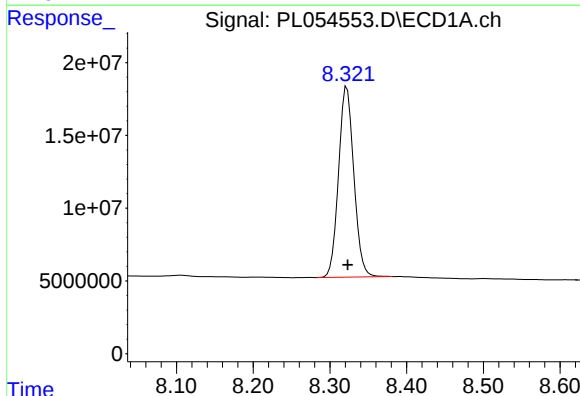
R.T.: 7.265 min  
Delta R.T.: -0.001 min  
Response: 6650574  
Conc: 0.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



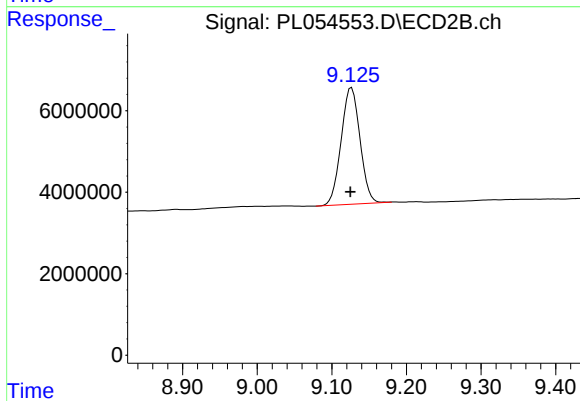
#21 Endrin ketone

R.T.: 7.783 min  
Delta R.T.: 0.000 min  
Response: 1664478  
Conc: 0.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.322 min  
Delta R.T.: -0.001 min  
Response: 181563453  
Conc: 20.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.126 min  
Delta R.T.: 0.002 min  
Response: 50330438  
Conc: 20.82 ng/ml