

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022423\  
 Data File : PL081118.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Feb 2023 11:20  
 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: Feb 25 00:17:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022023.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 20 18:06:39 2023  
 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... | 3.353 | 2.688 | 48393109 | 45070671 | 20.760  | 19.586  |
| 28)                         | SA Decachlor... | 8.788 | 7.830 | 39130441 | 44516802 | 20.014  | 19.003  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.801 | 3.188 | 33235920 | 28709324 | 9.430   | 8.573   |
| 3)                          | MA gamma-BHC... | 4.129 | 3.516 | 32147377 | 28115126 | 9.761   | 8.951   |
| 6)                          | B beta-BHC      | 4.326 | 3.811 | 16273312 | 13628239 | 10.889  | 10.129m |
| 12)                         | B 4,4'-DDE      | 5.985 | 5.145 | 324843   | 310195   | 0.131   | 0.130m  |
| 14)                         | MA Endrin       | 6.359 | 5.546 | 103.5E6  | 104.2E6  | 43.733  | 42.129  |
| 16)                         | A 4,4'-DDD      | 6.501 | 5.698 | 5867590  | 4413026  | 2.901   | 2.318   |
| 17)                         | MA 4,4'-DDT     | 6.815 | 5.949 | 210.2E6  | 208.1E6  | 93.036  | 95.979  |
| 18)                         | B Endrin al...  | 6.707 | 6.020 | 3418078  | 4810661  | 1.880   | 2.607 # |
| 20)                         | A Methoxychlor  | 7.293 | 6.527 | 272.9E6  | 271.5E6  | 222.411 | 226.165 |
| 21)                         | B Endrin ke...  | 7.421 | 6.746 | 6628314  | 8391661  | 2.783   | 3.205   |
| -----                       |                 |       |       |          |          |         |         |

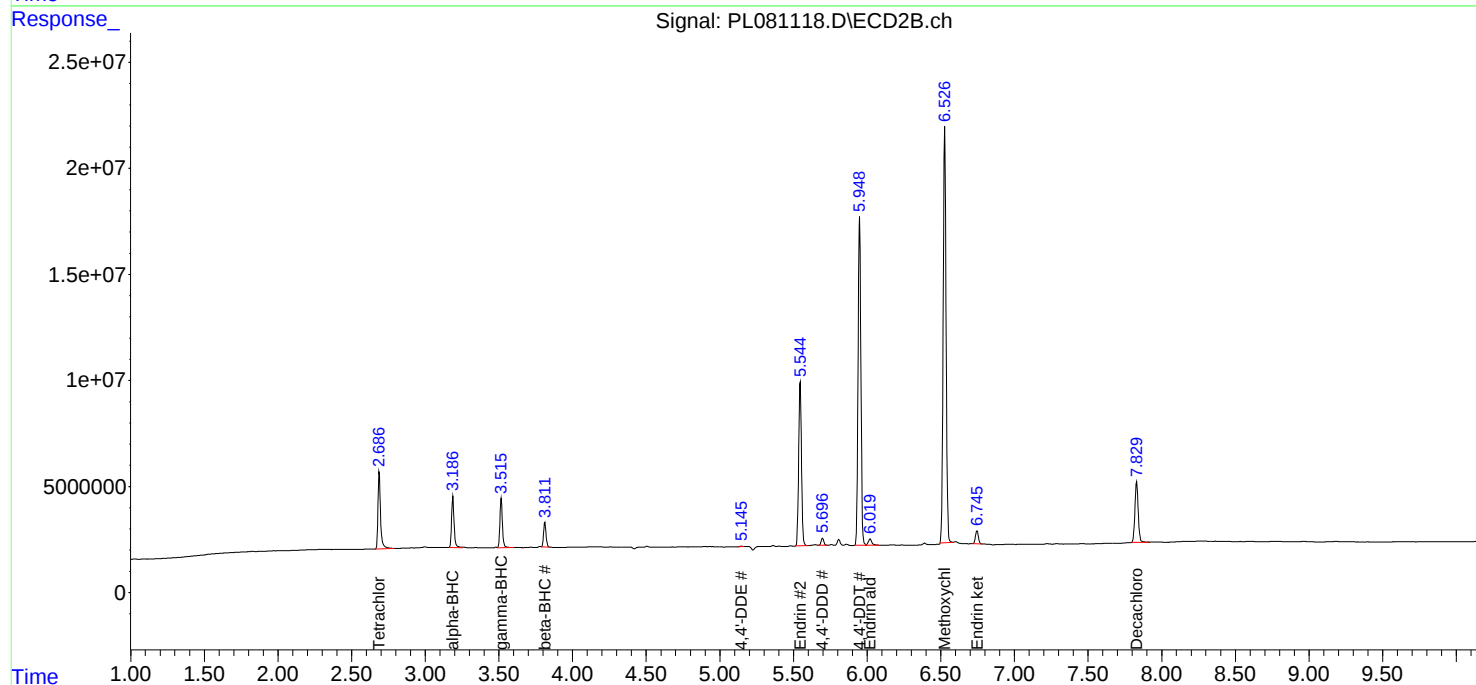
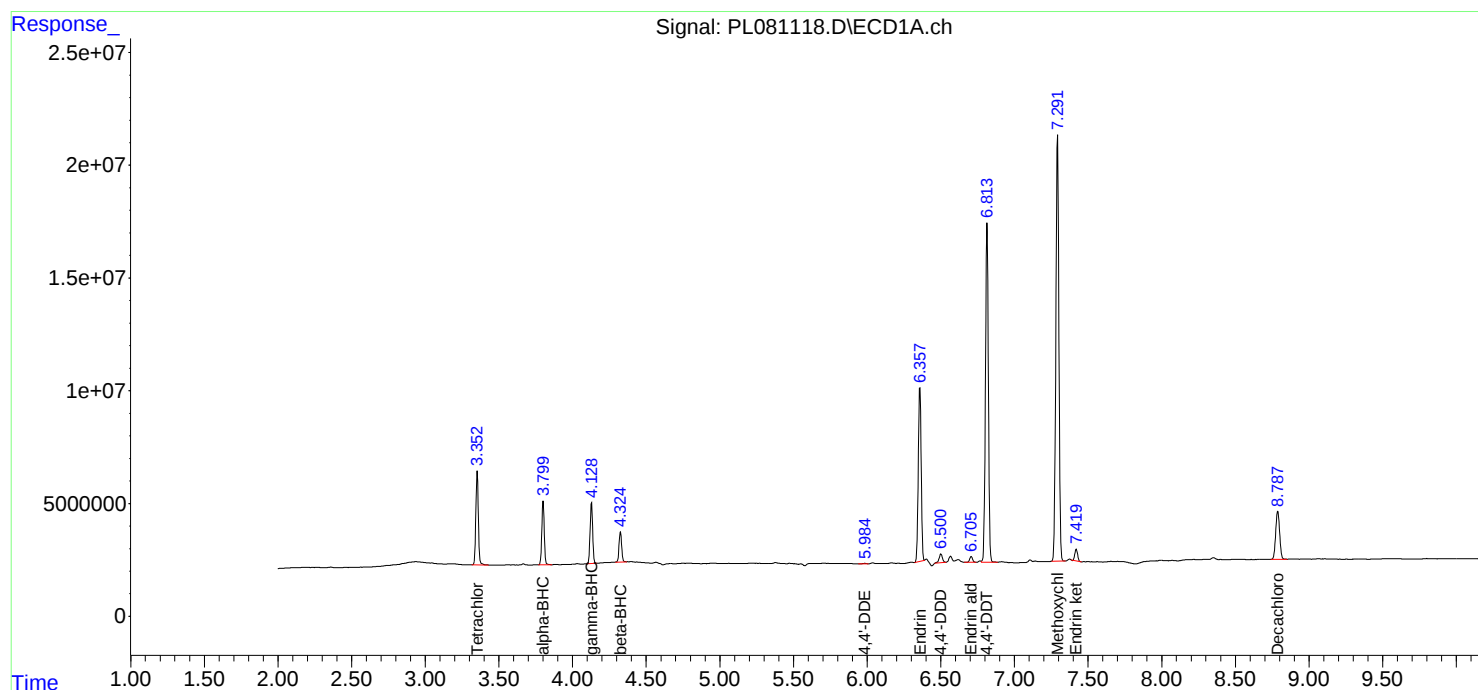
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

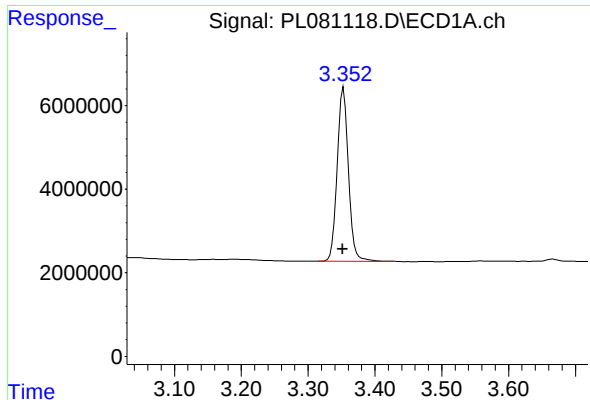
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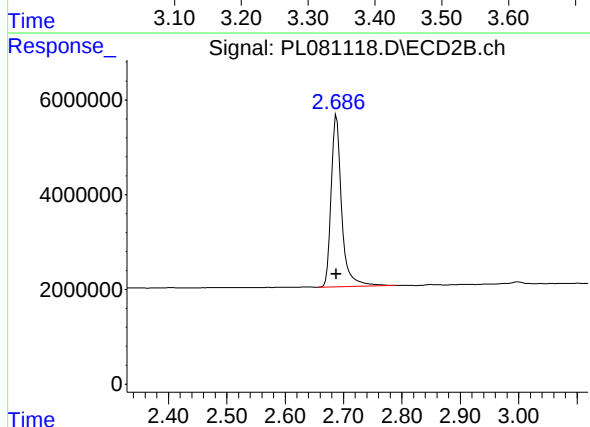




#1 Tetrachloro-m-xylene

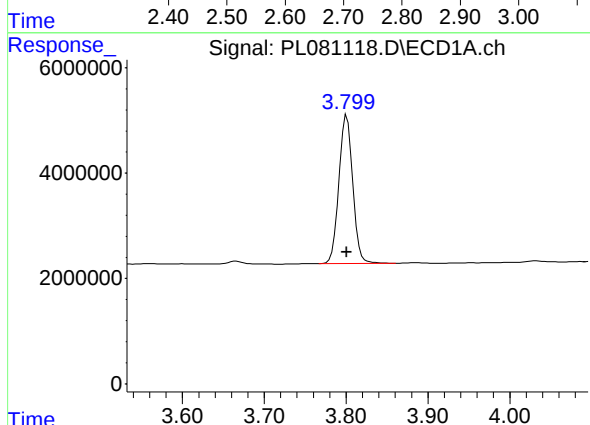
R.T.: 3.353 min  
Delta R.T.: 0.001 min  
Response: 48393109  
Conc: 20.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



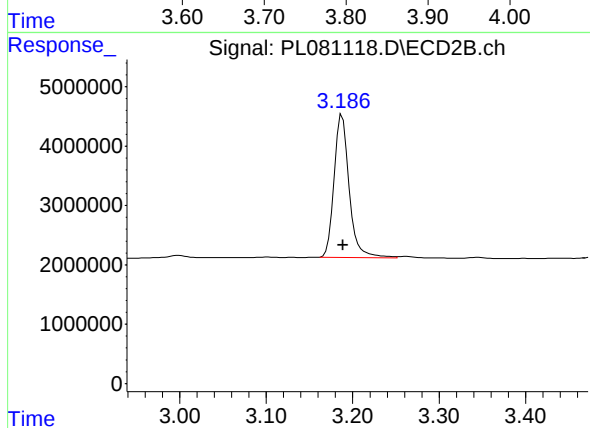
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: 0.000 min  
Response: 45070671  
Conc: 19.59 ng/ml



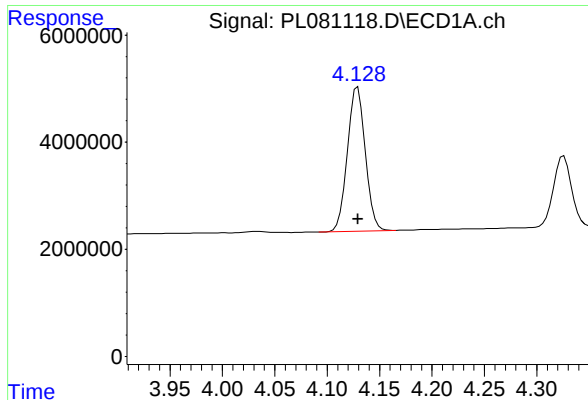
#2 alpha-BHC

R.T.: 3.801 min  
Delta R.T.: 0.000 min  
Response: 33235920  
Conc: 9.43 ng/ml



#2 alpha-BHC

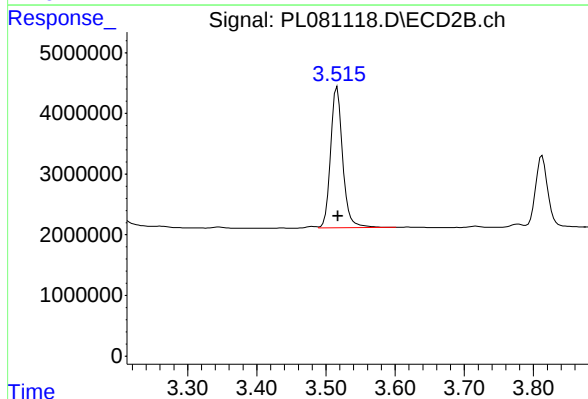
R.T.: 3.188 min  
Delta R.T.: -0.001 min  
Response: 28709324  
Conc: 8.57 ng/ml



#3 gamma-BHC (Lindane)

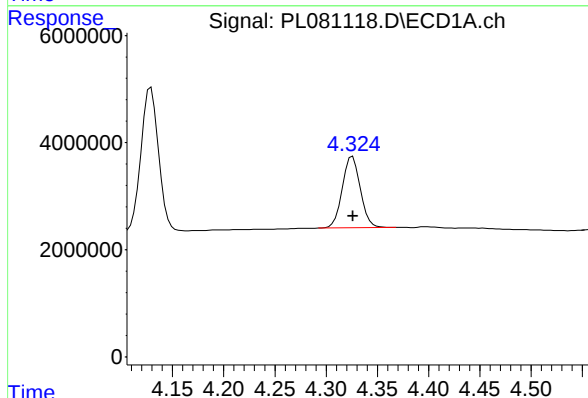
R.T.: 4.129 min  
Delta R.T.: 0.000 min  
Response: 32147377  
Conc: 9.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



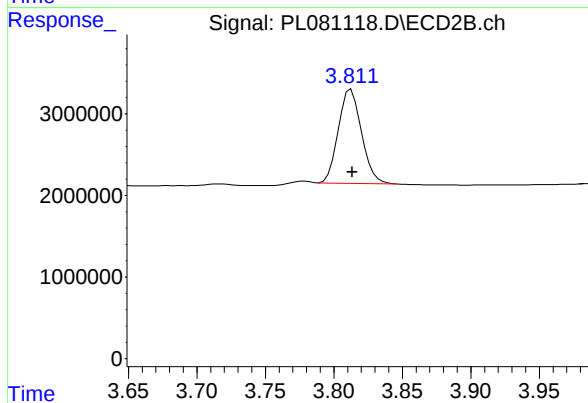
#3 gamma-BHC (Lindane)

R.T.: 3.516 min  
Delta R.T.: -0.001 min  
Response: 28115126  
Conc: 8.95 ng/ml



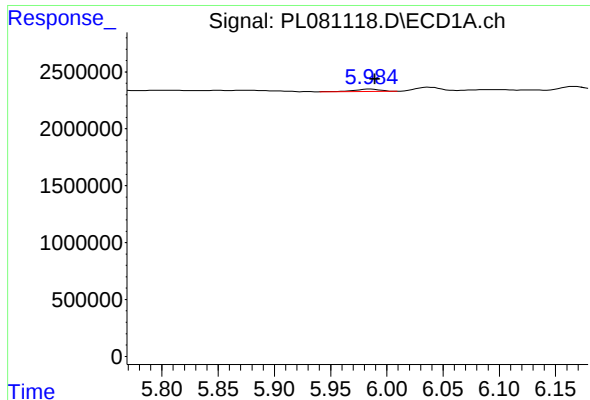
#6 beta-BHC

R.T.: 4.326 min  
Delta R.T.: 0.000 min  
Response: 16273312  
Conc: 10.89 ng/ml



#6 beta-BHC

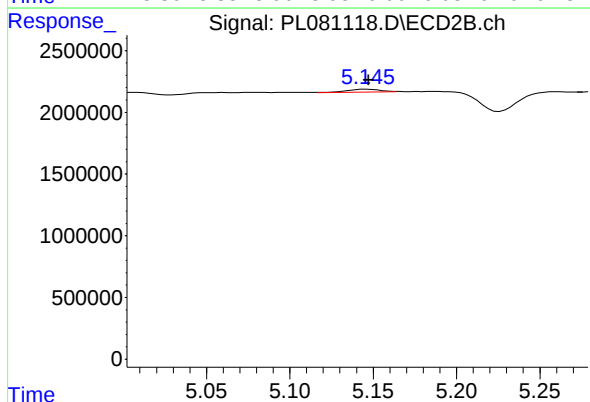
R.T.: 3.811 min  
Delta R.T.: -0.002 min  
Response: 13628239  
Conc: 10.13 ng/ml m



#12 4,4'-DDE

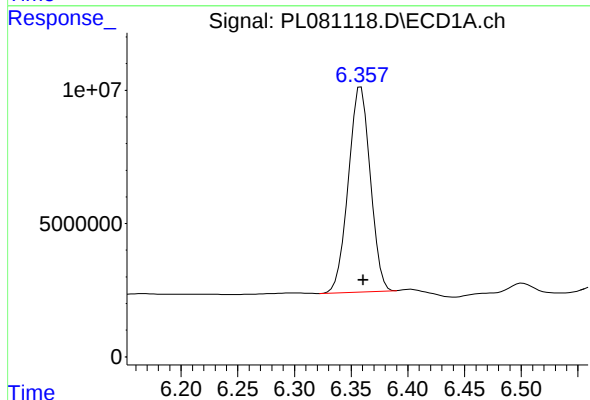
R.T.: 5.985 min  
Delta R.T.: -0.004 min  
Response: 324843  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



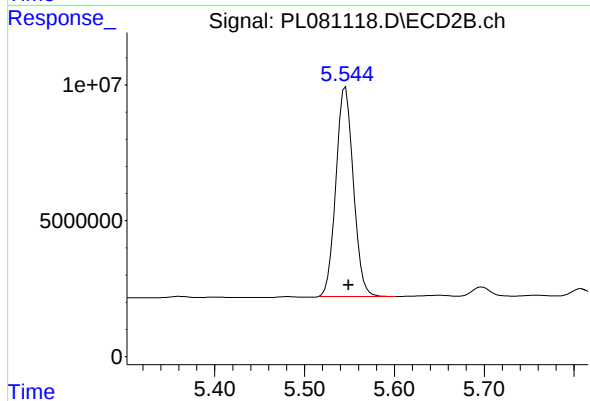
#12 4,4'-DDE

R.T.: 5.145 min  
Delta R.T.: -0.002 min  
Response: 310195  
Conc: 0.13 ng/ml m



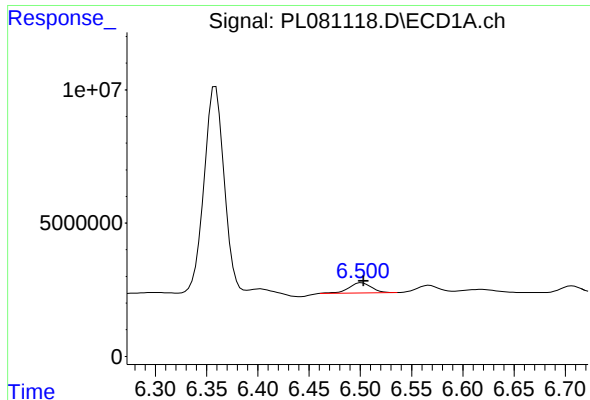
#14 Endrin

R.T.: 6.359 min  
Delta R.T.: -0.002 min  
Response: 103537241  
Conc: 43.73 ng/ml



#14 Endrin

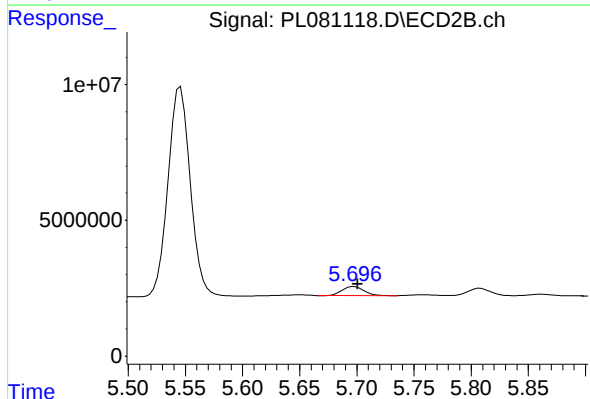
R.T.: 5.546 min  
Delta R.T.: -0.003 min  
Response: 104166722  
Conc: 42.13 ng/ml



#16 4,4'-DDD

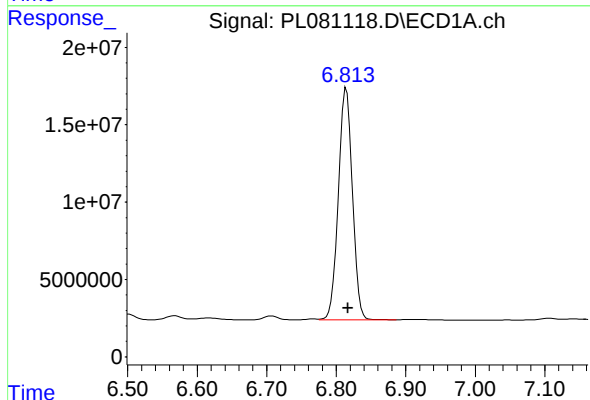
R.T.: 6.501 min  
Delta R.T.: -0.002 min  
Response: 5867590  
Conc: 2.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



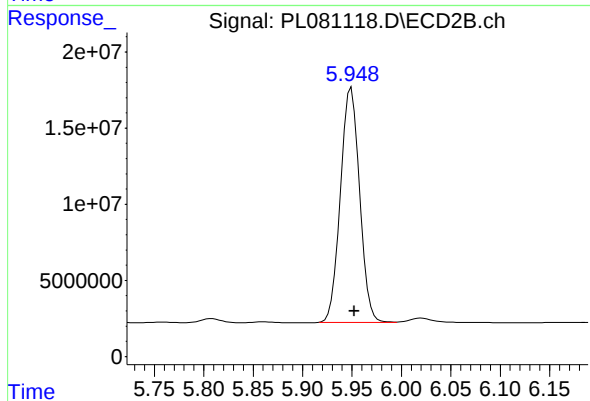
#16 4,4'-DDD

R.T.: 5.698 min  
Delta R.T.: -0.003 min  
Response: 4413026  
Conc: 2.32 ng/ml



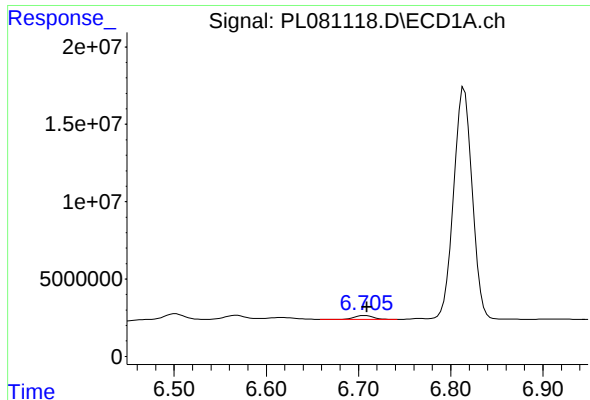
#17 4,4'-DDT

R.T.: 6.815 min  
Delta R.T.: -0.002 min  
Response: 210203025  
Conc: 93.04 ng/ml



#17 4,4'-DDT

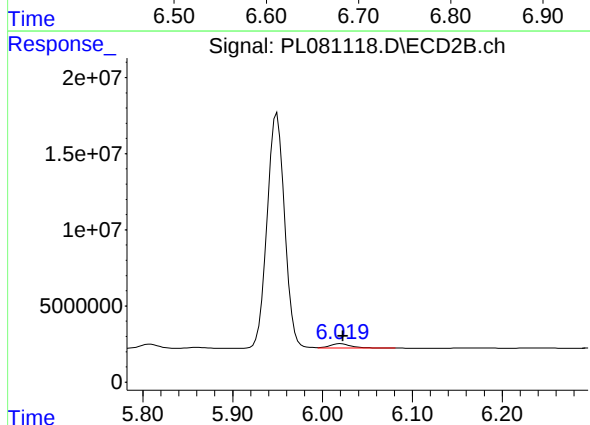
R.T.: 5.949 min  
Delta R.T.: -0.003 min  
Response: 208092206  
Conc: 95.98 ng/ml



#18 Endrin aldehyde

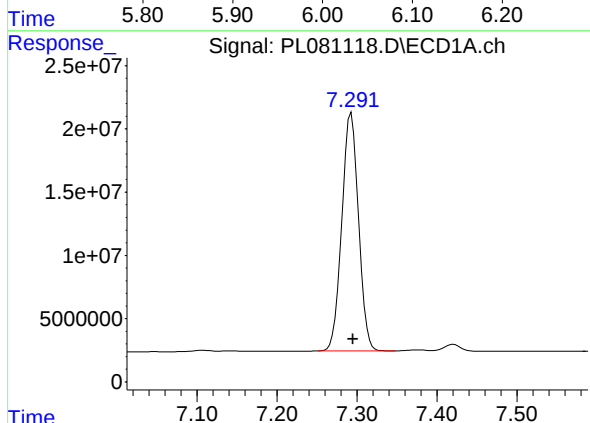
R.T.: 6.707 min  
Delta R.T.: -0.003 min  
Response: 3418078  
Conc: 1.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



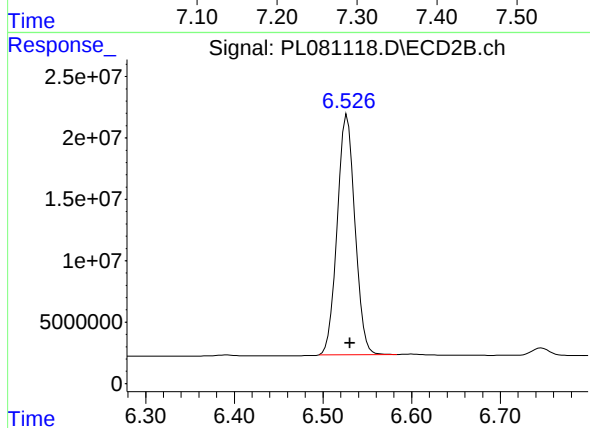
#18 Endrin aldehyde

R.T.: 6.020 min  
Delta R.T.: -0.003 min  
Response: 4810661  
Conc: 2.61 ng/ml



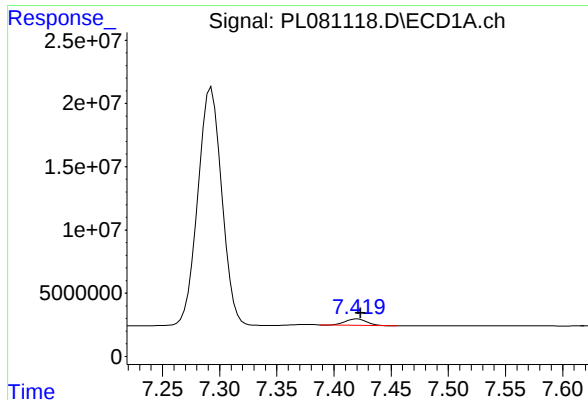
#20 Methoxychlor

R.T.: 7.293 min  
Delta R.T.: -0.002 min  
Response: 272918457  
Conc: 222.41 ng/ml



#20 Methoxychlor

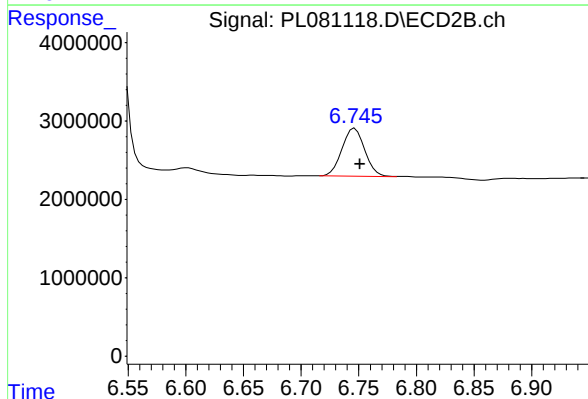
R.T.: 6.527 min  
Delta R.T.: -0.004 min  
Response: 271457204  
Conc: 226.16 ng/ml



#21 Endrin ketone

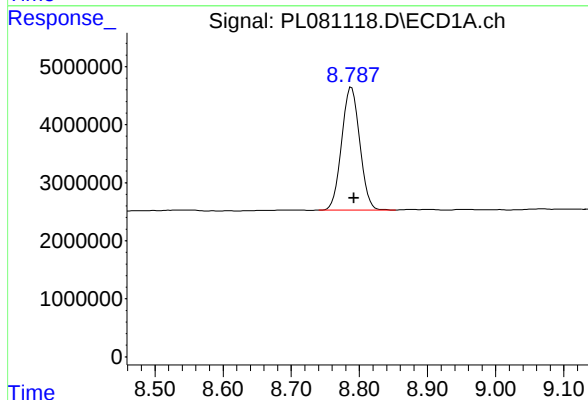
R.T.: 7.421 min  
Delta R.T.: -0.003 min  
Response: 6628314  
Conc: 2.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



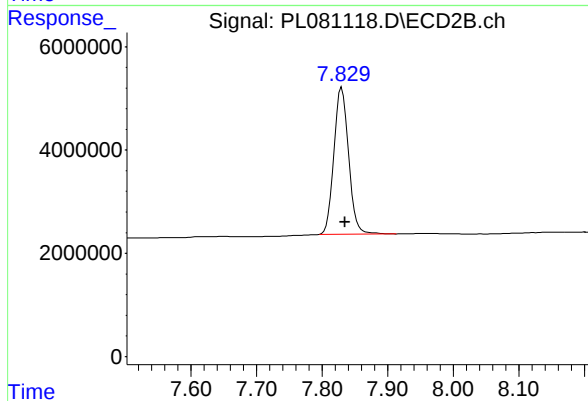
#21 Endrin ketone

R.T.: 6.746 min  
Delta R.T.: -0.005 min  
Response: 8391661  
Conc: 3.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.788 min  
Delta R.T.: -0.004 min  
Response: 39130441  
Conc: 20.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.830 min  
Delta R.T.: -0.005 min  
Response: 44516802  
Conc: 19.00 ng/ml