

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030420\  
 Data File : PL057023.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Mar 2020 11:30  
 Operator : AJ\MA  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 15:41:13 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL030320.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 04 03:55:01 2020  
 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... | 3.461 | 3.958  | 171.6E6  | 42860521 | 20.136  | 20.089  |
| 28)                         | SA Decachlor... | 8.214 | 8.985  | 192.4E6  | 40015375 | 19.904  | 18.833  |
| Target Compounds            |                 |       |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.898 | 4.344  | 130.4E6  | 28668430 | 8.801   | 9.075   |
| 3)                          | MA gamma-BHC... | 4.182 | 4.627  | 121.4E6  | 27688708 | 8.837   | 8.907   |
| 4)                          | MA Heptachlor   | 0.000 | 5.102f | 0        | 17743014 | N.D.    | 5.701 # |
| 6)                          | B beta-BHC      | 4.434 | 4.800  | 53507502 | 13454914 | 10.101  | 9.547   |
| 14)                         | MA Endrin       | 6.013 | 6.644  | 525.6E6  | 120.8E6  | 48.313  | 46.857  |
| 16)                         | A 4,4'-DDD      | 6.140 | 6.770  | 12322494 | 3885451  | 1.273   | 1.595 # |
| 17)                         | MA 4,4'-DDT     | 6.380 | 7.067  | 993.8E6  | 231.5E6  | 101.565 | 94.125  |
| 20)                         | A Methoxychlor  | 6.926 | 7.527  | 1221.7E6 | 294.3E6  | 245.027 | 235.542 |
| 21)                         | B Endrin ke...  | 7.158 | 7.668  | 15288223 | 2372227  | 1.354   | 0.866 # |
| -----                       |                 |       |        |          |          |         |         |

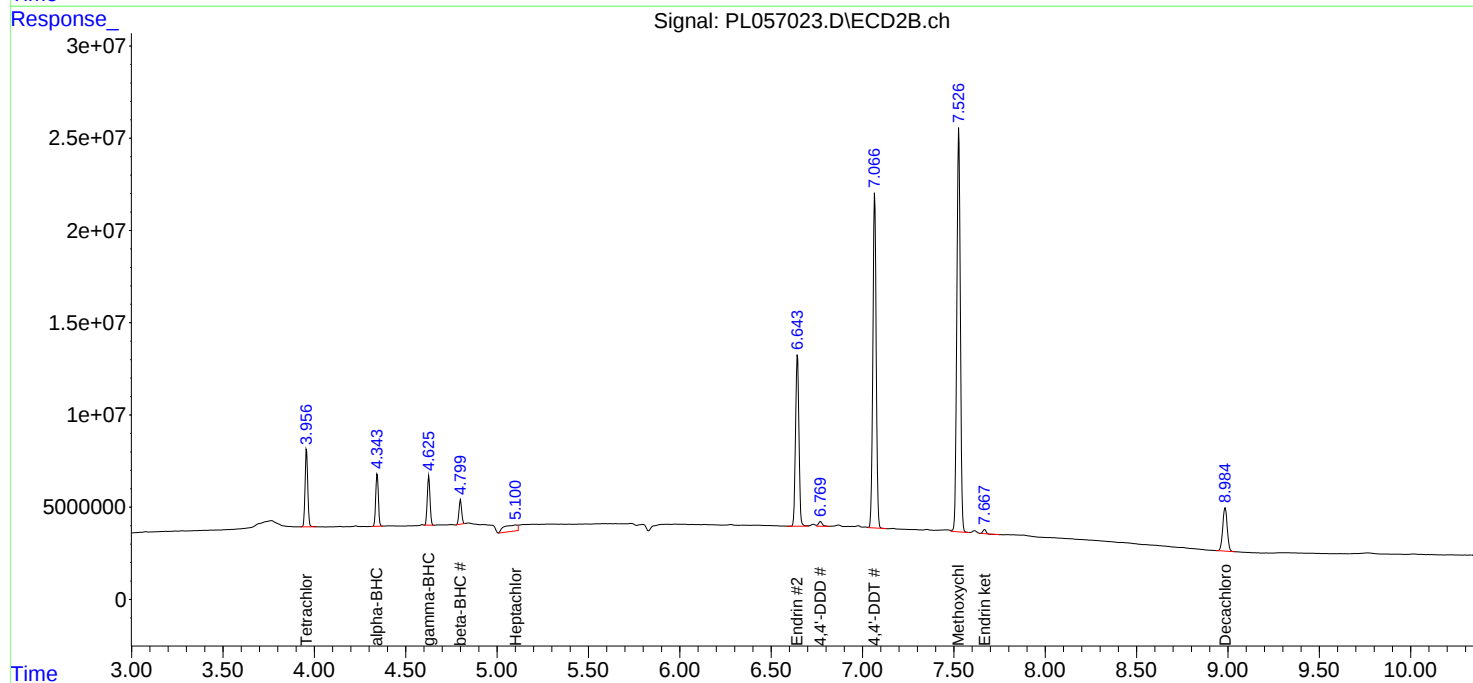
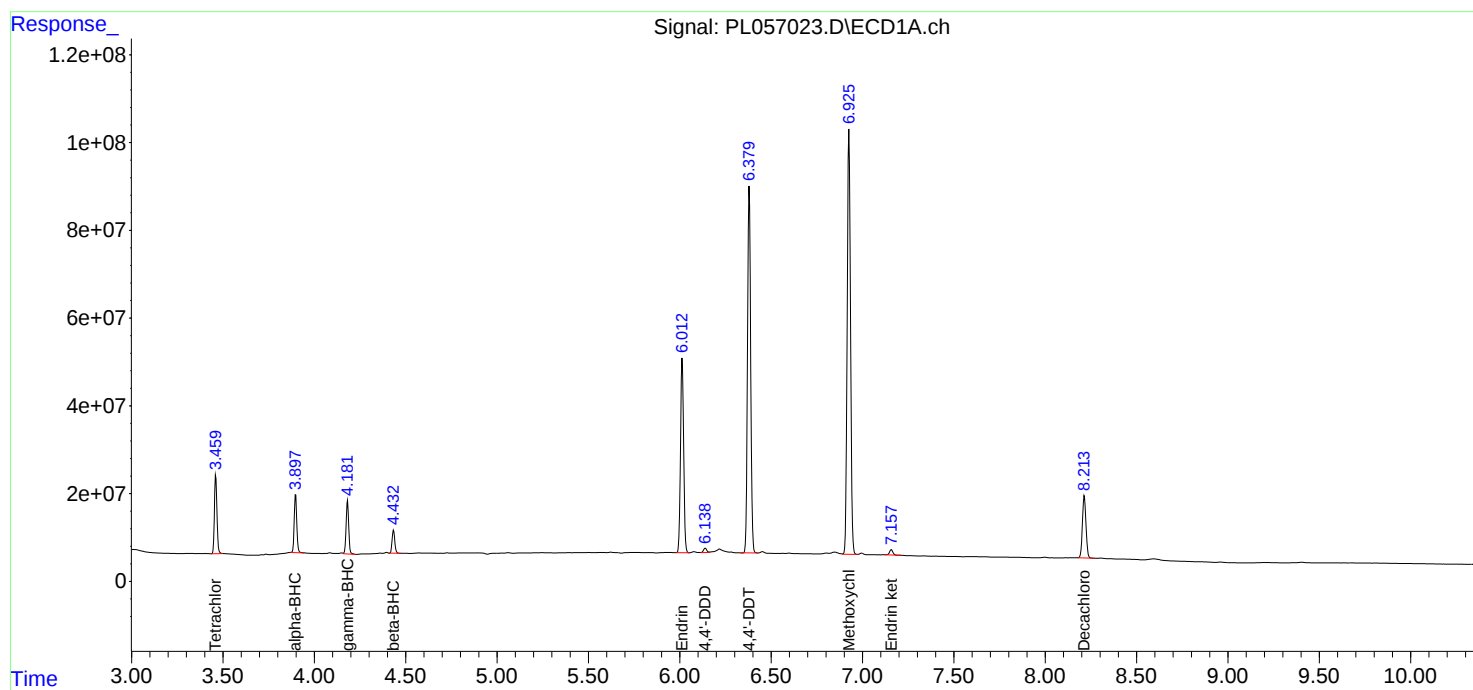
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

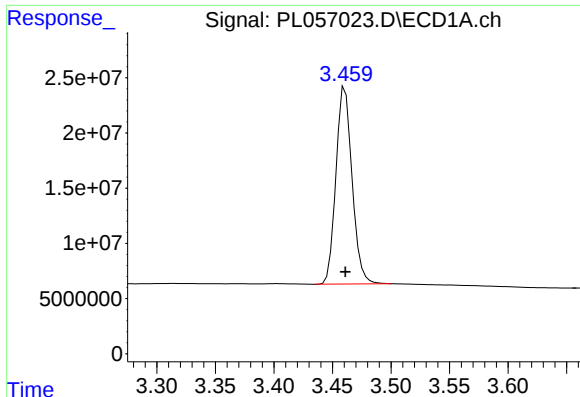
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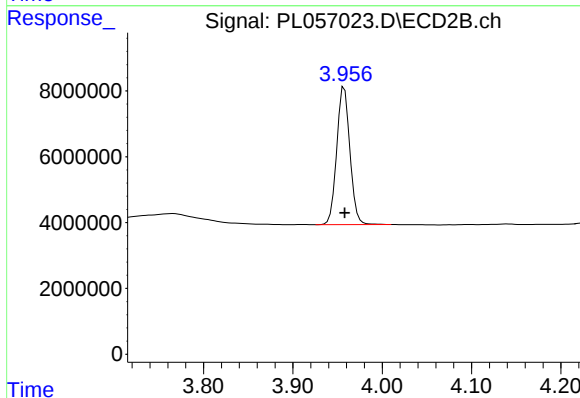




#1 Tetrachloro-m-xylene

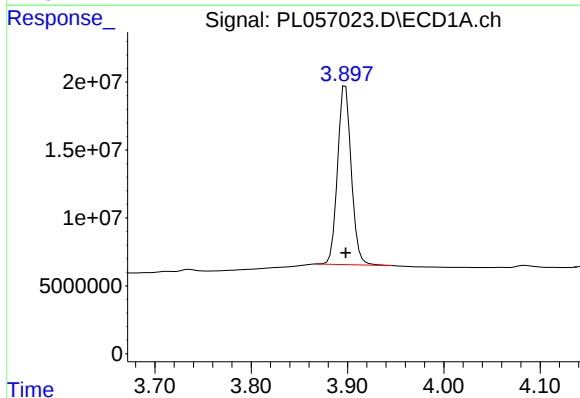
R.T.: 3.461 min  
Delta R.T.: 0.000 min  
Response: 171606313  
Conc: 20.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



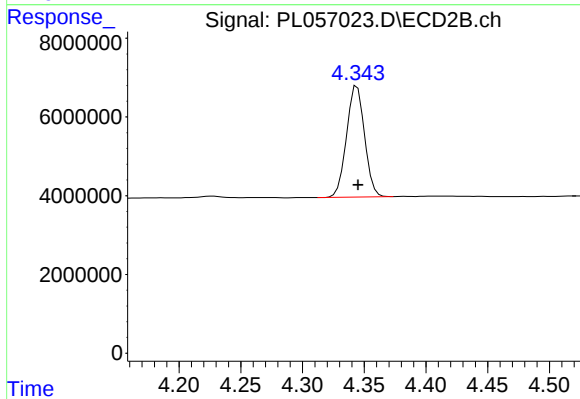
#1 Tetrachloro-m-xylene

R.T.: 3.958 min  
Delta R.T.: 0.000 min  
Response: 42860521  
Conc: 20.09 ng/ml



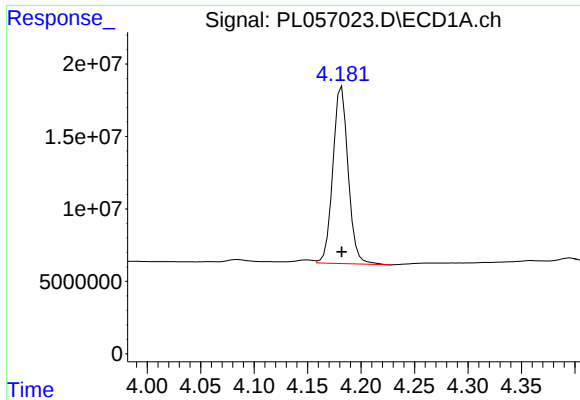
#2 alpha-BHC

R.T.: 3.898 min  
Delta R.T.: 0.000 min  
Response: 130421908  
Conc: 8.80 ng/ml



#2 alpha-BHC

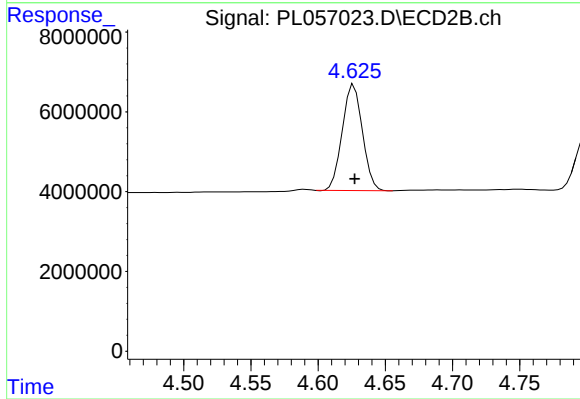
R.T.: 4.344 min  
Delta R.T.: 0.000 min  
Response: 28668430  
Conc: 9.08 ng/ml



#3 gamma-BHC (Lindane)

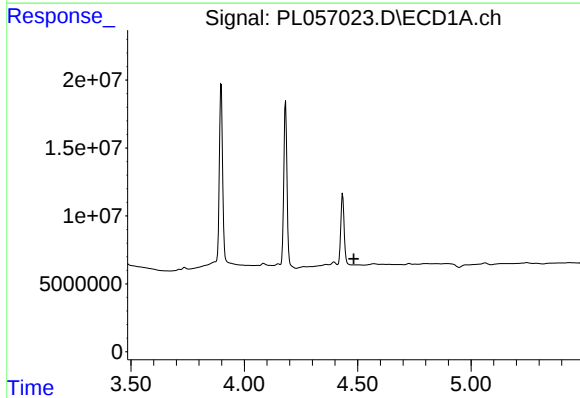
R.T.: 4.182 min  
Delta R.T.: 0.000 min  
Response: 121431079  
Conc: 8.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



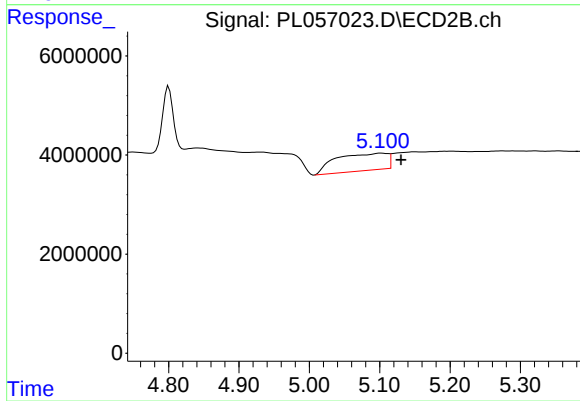
#3 gamma-BHC (Lindane)

R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 27688708  
Conc: 8.91 ng/ml



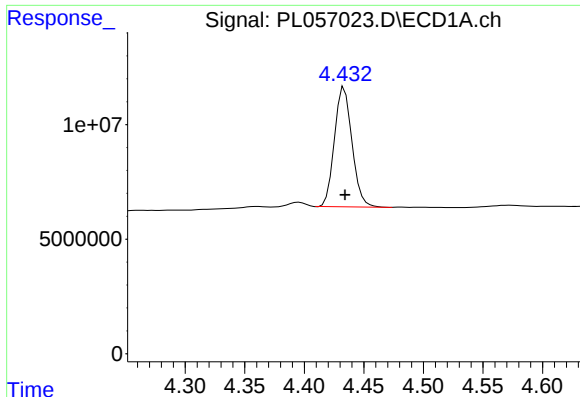
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.483 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

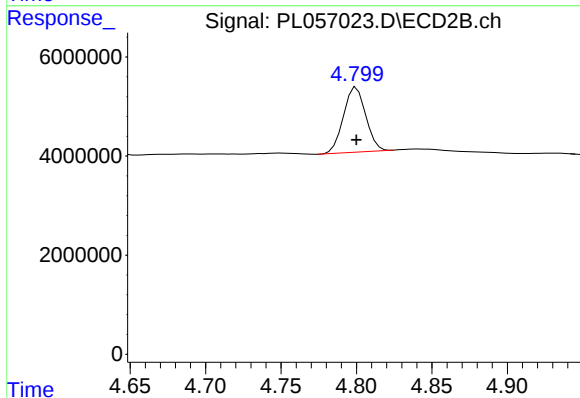
R.T.: 5.102 min  
Delta R.T.: -0.029 min  
Response: 17743014  
Conc: 5.70 ng/ml



#6 beta-BHC

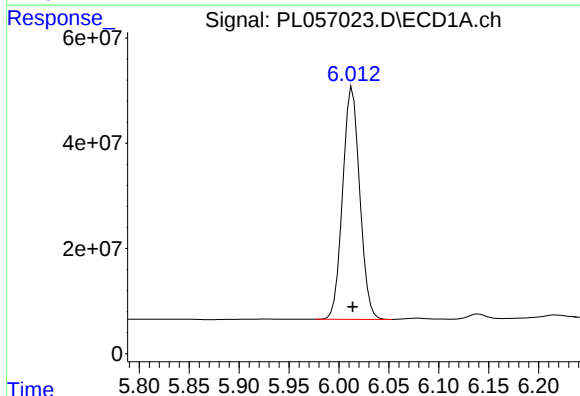
R.T.: 4.434 min  
Delta R.T.: 0.000 min  
Response: 53507502  
Conc: 10.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



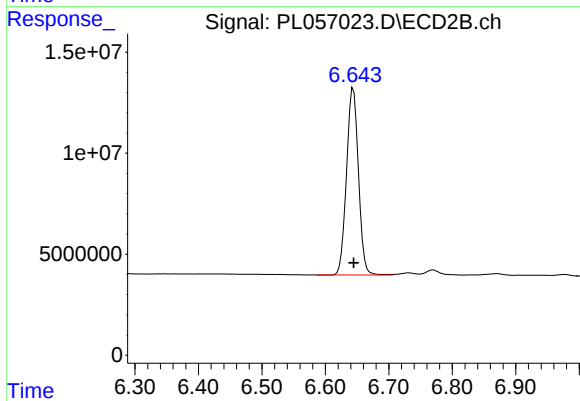
#6 beta-BHC

R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 13454914  
Conc: 9.55 ng/ml



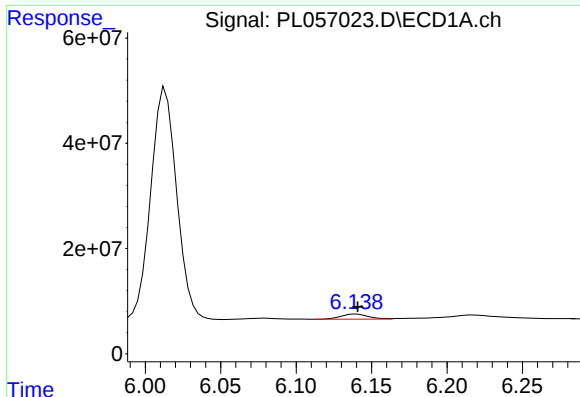
#14 Endrin

R.T.: 6.013 min  
Delta R.T.: 0.000 min  
Response: 525625346  
Conc: 48.31 ng/ml



#14 Endrin

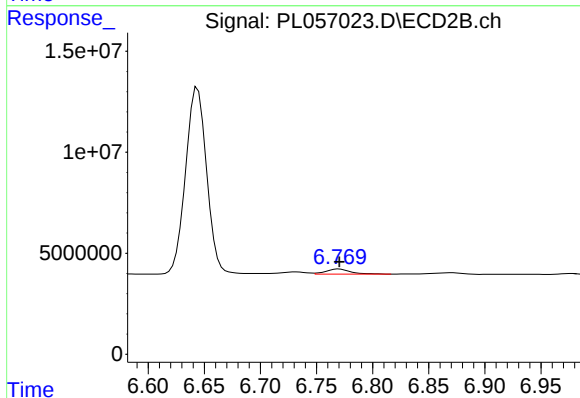
R.T.: 6.644 min  
Delta R.T.: 0.000 min  
Response: 120834816  
Conc: 46.86 ng/ml



#16 4,4'-DDD

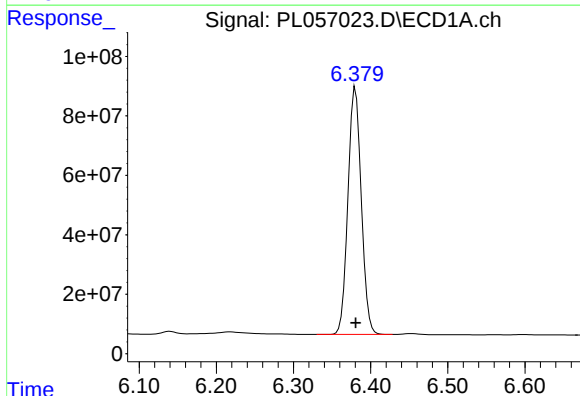
R.T.: 6.140 min  
Delta R.T.: -0.001 min  
Response: 12322494  
Conc: 1.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



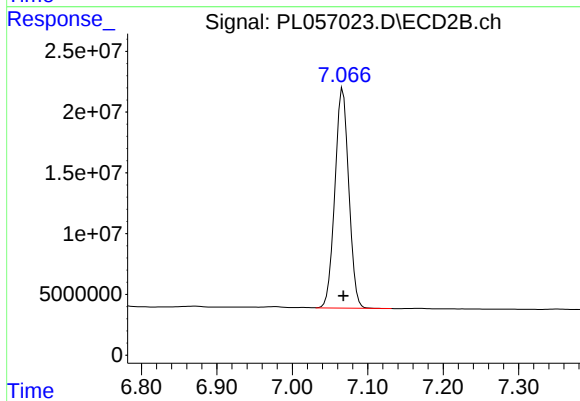
#16 4,4'-DDD

R.T.: 6.770 min  
Delta R.T.: 0.000 min  
Response: 3885451  
Conc: 1.59 ng/ml



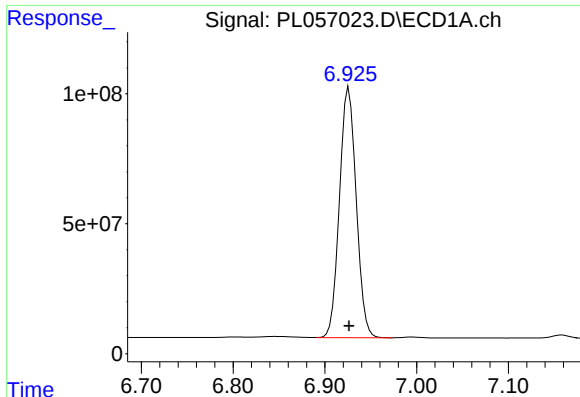
#17 4,4'-DDT

R.T.: 6.380 min  
Delta R.T.: 0.000 min  
Response: 993836607  
Conc: 101.57 ng/ml



#17 4,4'-DDT

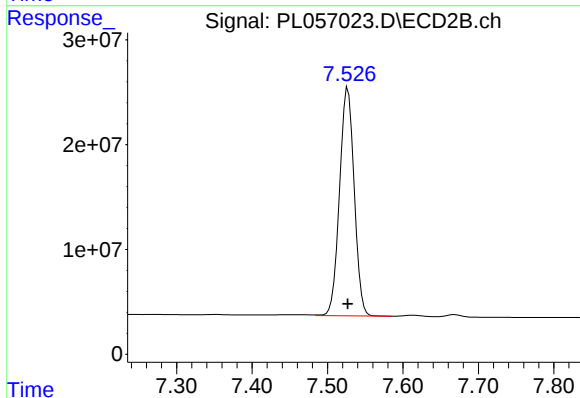
R.T.: 7.067 min  
Delta R.T.: 0.000 min  
Response: 231544258  
Conc: 94.13 ng/ml



#20 Methoxychlor

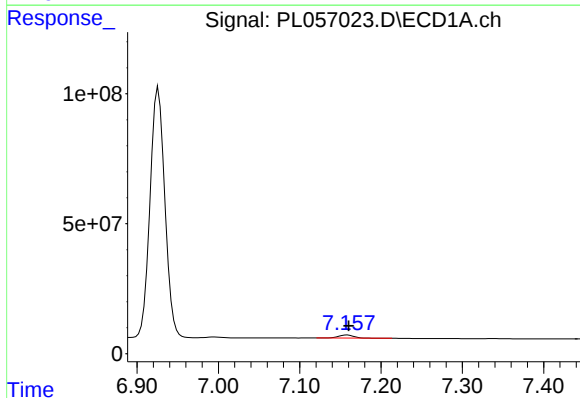
R.T.: 6.926 min  
Delta R.T.: 0.000 min  
Response: 1221742604  
Conc: 245.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



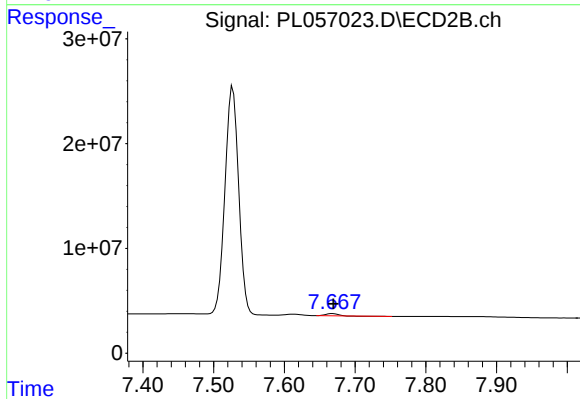
#20 Methoxychlor

R.T.: 7.527 min  
Delta R.T.: 0.000 min  
Response: 294264557  
Conc: 235.54 ng/ml



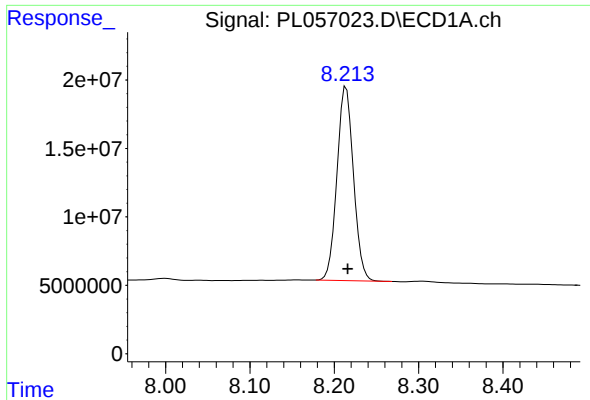
#21 Endrin ketone

R.T.: 7.158 min  
Delta R.T.: -0.002 min  
Response: 15288223  
Conc: 1.35 ng/ml



#21 Endrin ketone

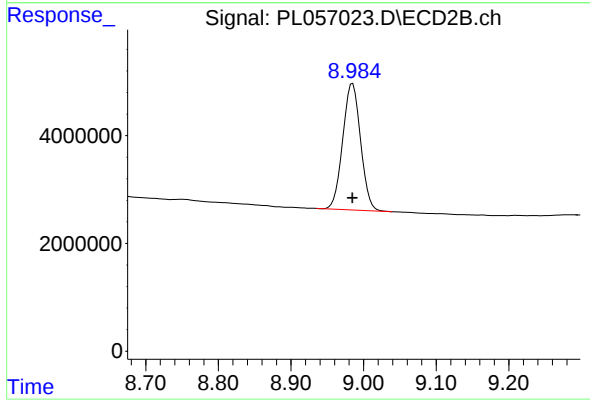
R.T.: 7.668 min  
Delta R.T.: 0.000 min  
Response: 2372227  
Conc: 0.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.214 min  
Delta R.T.: -0.002 min  
Response: 192372509  
Conc: 19.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.985 min  
Delta R.T.: 0.000 min  
Response: 40015375  
Conc: 18.83 ng/ml