

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040220\  
 Data File : PL057726.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Apr 2020 10:49  
 Operator : AJ\MA  
 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: Apr 03 00:54:45 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 16 09:40:37 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... | 3.458  | 3.957 | 223.0E6  | 44770719 | 24.056  | 20.636  |
| 28)                         | SA Decachlor... | 8.208  | 8.981 | 197.4E6  | 42137457 | 18.653  | 19.003  |
| Target Compounds            |                 |        |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.895  | 4.344 | 174.4E6  | 30339600 | 10.948  | 9.446   |
| 3)                          | MA gamma-BHC... | 4.179  | 4.627 | 150.9E6  | 30057386 | 10.498  | 9.580   |
| 5)                          | MB Aldrin       | 4.722  | 0.000 | 2275798  | 0        | 0.165   | N.D. #  |
| 6)                          | B beta-BHC      | 4.431  | 4.800 | 70971055 | 17485150 | 12.072  | 12.123  |
| 8)                          | B Heptachlo...  | 5.197f | 0.000 | 1267668  | 0        | 0.099   | N.D. #  |
| 9)                          | A Endosulfan I  | 5.499  | 0.000 | 483727   | 0        | 0.041   | N.D. #  |
| 12)                         | B 4,4'-DDE      | 5.619  | 0.000 | 1376813  | 0        | 0.111   | N.D. #  |
| 14)                         | MA Endrin       | 6.010  | 6.642 | 580.9E6  | 120.3E6  | 50.819  | 49.855  |
| 16)                         | A 4,4'-DDD      | 6.135  | 6.768 | 17959421 | 4167058  | 1.832   | 1.825   |
| 17)                         | MA 4,4'-DDT     | 6.376  | 7.066 | 1038.6E6 | 211.0E6  | 104.143 | 92.655  |
| 18)                         | B Endrin al...  | 6.447  | 0.000 | 3030765  | 0        | 0.328   | N.D. #  |
| 19)                         | B Endosulfa...  | 6.637f | 0.000 | 543702   | 0        | 0.054   | N.D. #  |
| 20)                         | A Methoxychlor  | 6.921  | 7.525 | 1264.1E6 | 270.2E6  | 235.581 | 207.748 |
| 21)                         | B Endrin ke...  | 7.154  | 7.666 | 14409375 | 2437492  | 1.275   | 0.942 # |
| 22)                         | Mirex           | 7.332  | 0.000 | 997654   | 0        | 0.123   | N.D. #  |
| 23)                         | Chlordane-1     | 4.355f | 0.000 | 4072724  | 0        | 12.548  | N.D. #  |
| 24)                         | Chlordane-2     | 4.835  | 0.000 | 2521903  | 0        | 6.940   | N.D. #  |
| -----                       |                 |        |       |          |          |         |         |

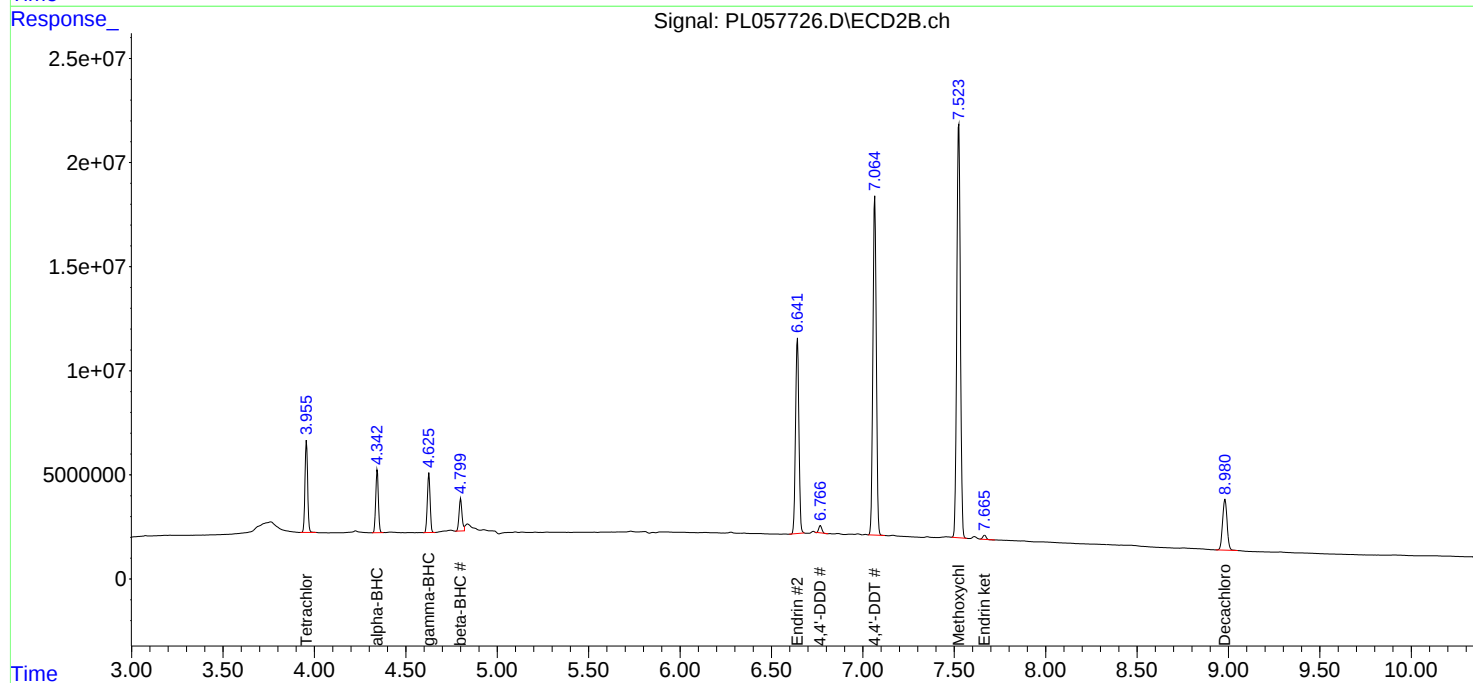
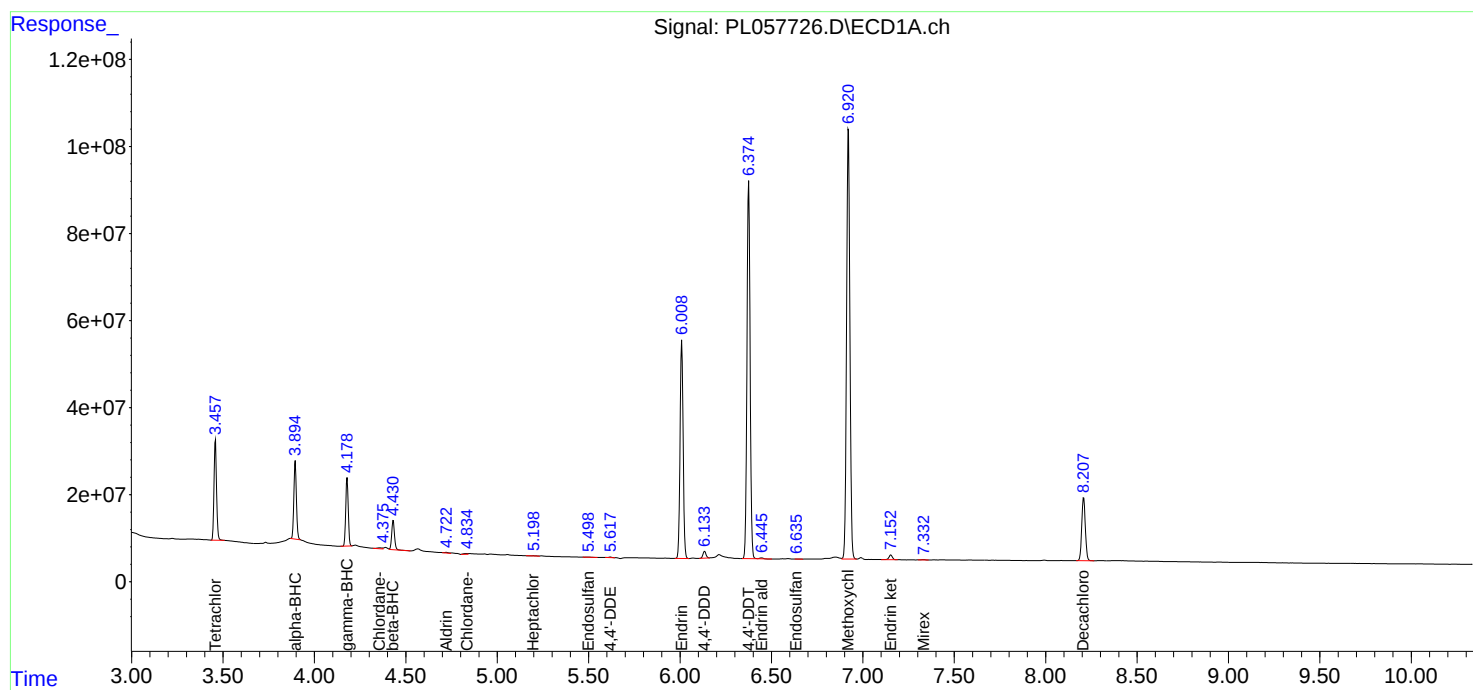
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

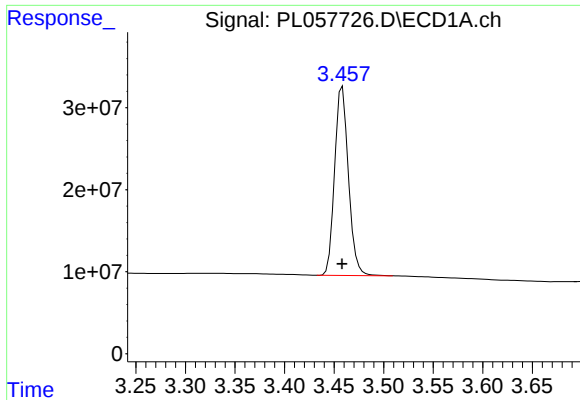
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040220\  
Data File : PL057726.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Apr 2020 10:49  
Operator : AJ\MA  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 03 00:54:45 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 16 09:40:37 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

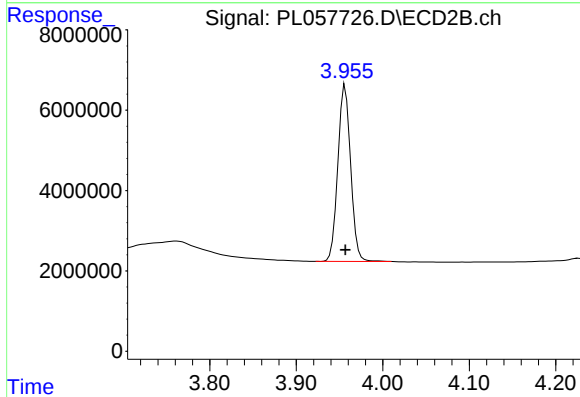




#1 Tetrachloro-m-xylene

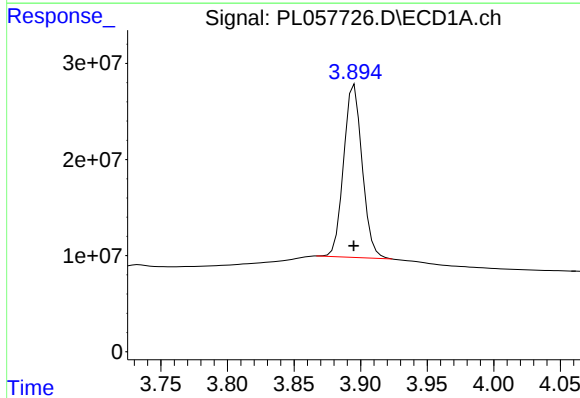
R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 222988206  
Conc: 24.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



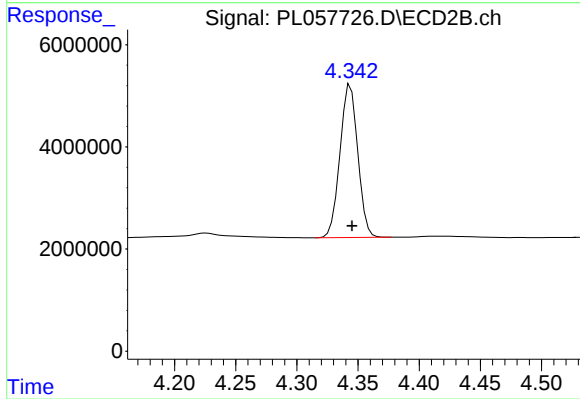
#1 Tetrachloro-m-xylene

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 44770719  
Conc: 20.64 ng/ml



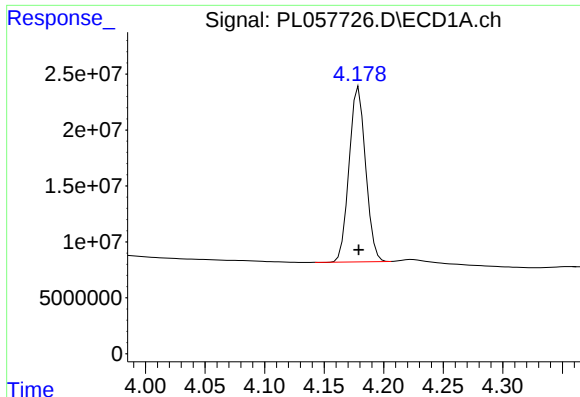
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 174402106  
Conc: 10.95 ng/ml



#2 alpha-BHC

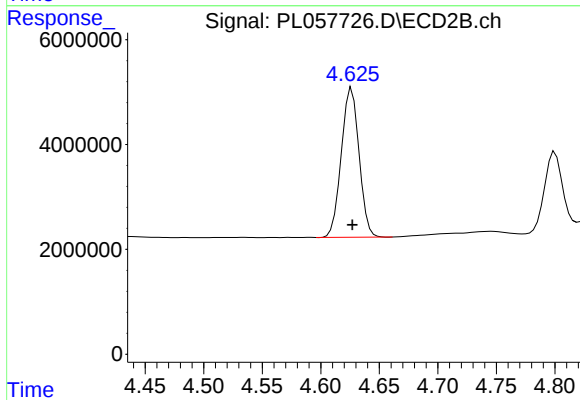
R.T.: 4.344 min  
Delta R.T.: -0.001 min  
Response: 30339600  
Conc: 9.45 ng/ml



#3 gamma-BHC (Lindane)

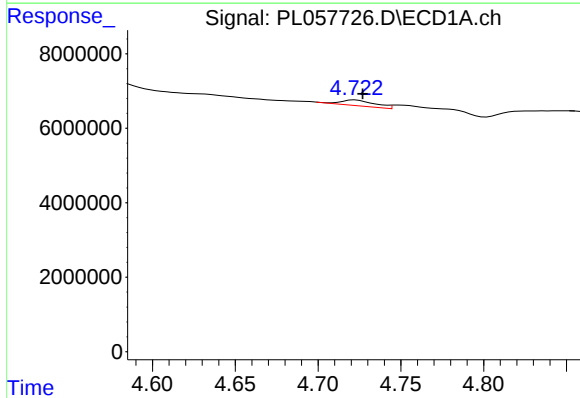
R.T.: 4.179 min  
Delta R.T.: 0.000 min  
Response: 150891210  
Conc: 10.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



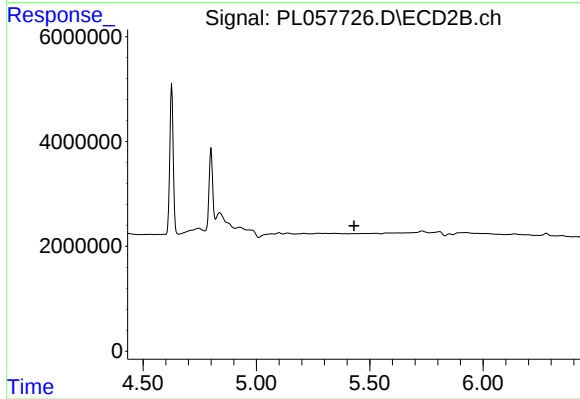
#3 gamma-BHC (Lindane)

R.T.: 4.627 min  
Delta R.T.: 0.000 min  
Response: 30057386  
Conc: 9.58 ng/ml



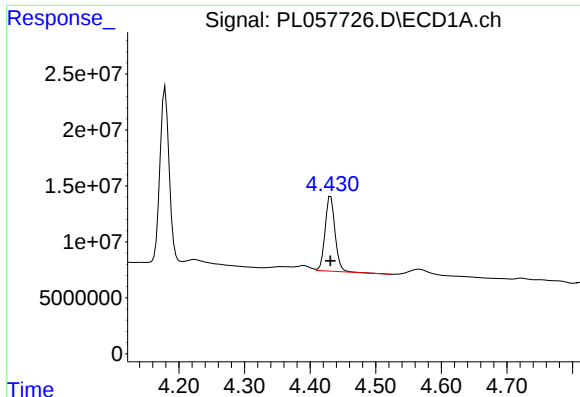
#5 Aldrin

R.T.: 4.722 min  
Delta R.T.: -0.005 min  
Response: 2275798  
Conc: 0.16 ng/ml



#5 Aldrin

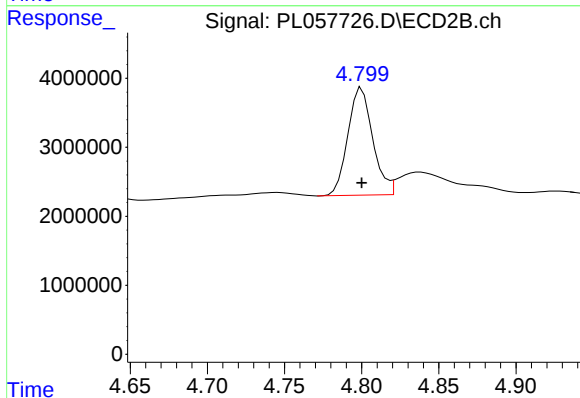
R.T.: 0.000 min  
Exp R.T. : 5.431 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

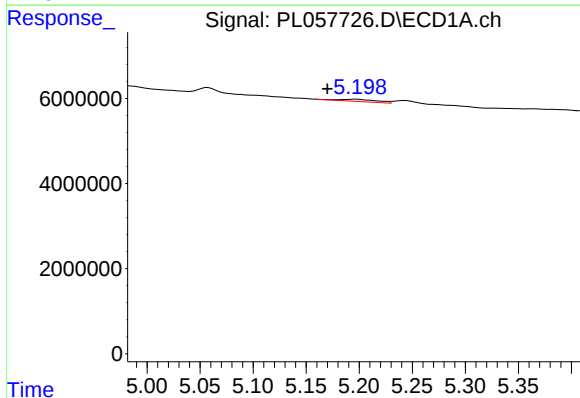
R.T.: 4.431 min  
Delta R.T.: 0.000 min  
Response: 70971055  
Conc: 12.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



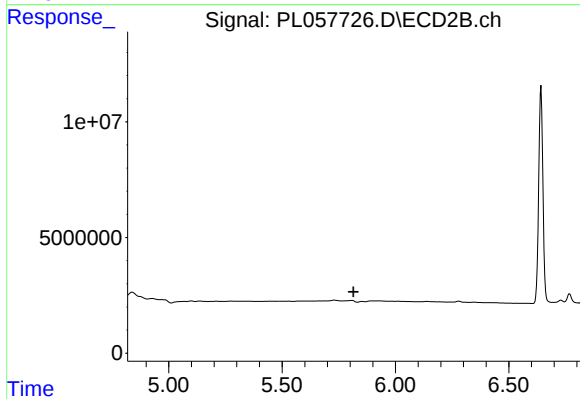
#6 beta-BHC

R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 17485150  
Conc: 12.12 ng/ml



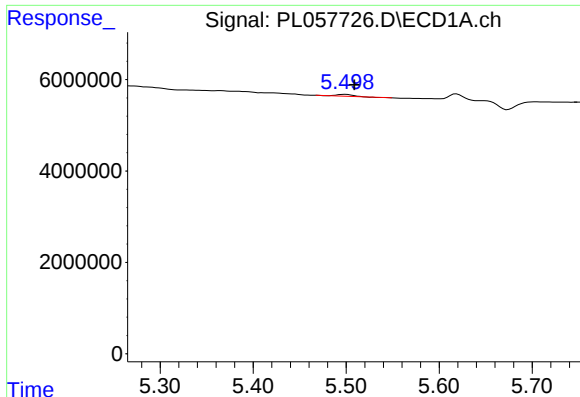
#8 Heptachlor epoxide

R.T.: 5.197 min  
Delta R.T.: 0.027 min  
Response: 1267668  
Conc: 0.10 ng/ml



#8 Heptachlor epoxide

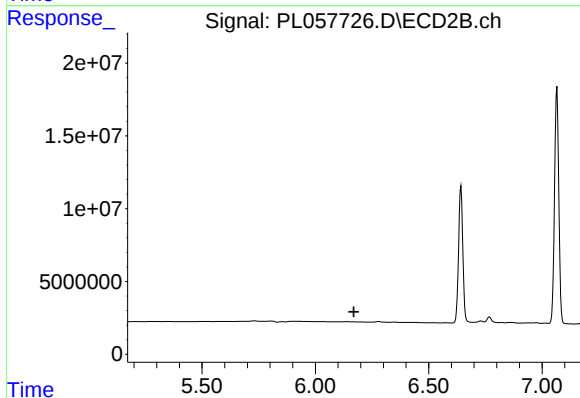
R.T.: 0.000 min  
Exp R.T.: 5.815 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

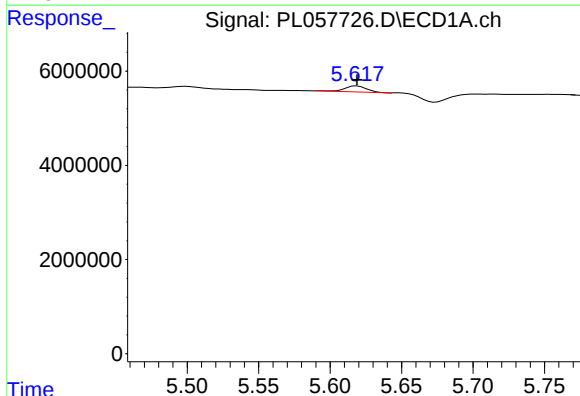
R.T.: 5.499 min  
Delta R.T.: -0.010 min  
Response: 483727  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



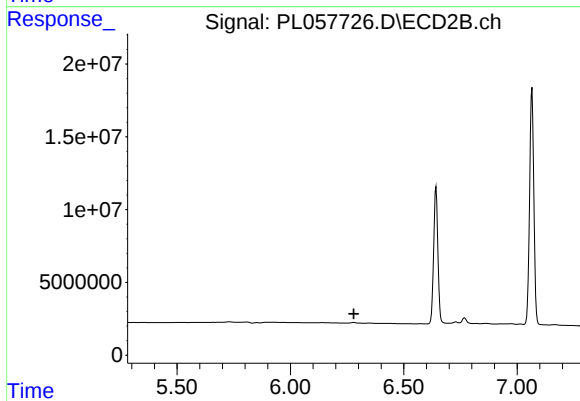
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.170 min  
Response: 0  
Conc: N.D.



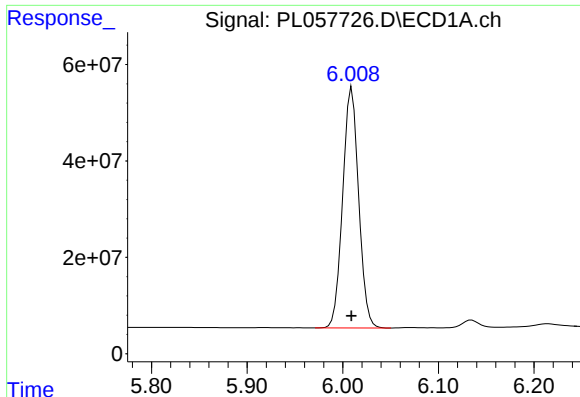
#12 4,4'-DDE

R.T.: 5.619 min  
Delta R.T.: 0.000 min  
Response: 1376813  
Conc: 0.11 ng/ml



#12 4,4'-DDE

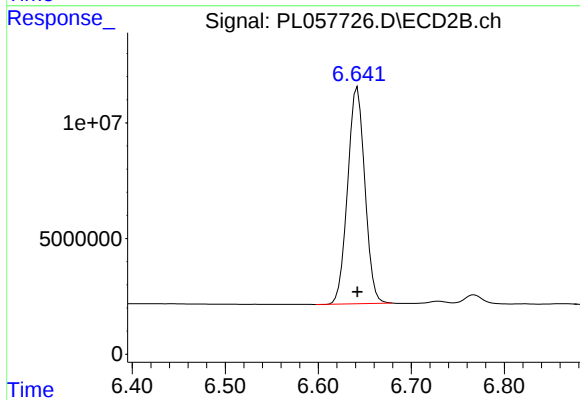
R.T.: 0.000 min  
Exp R.T. : 6.280 min  
Response: 0  
Conc: N.D.



#14 Endrin

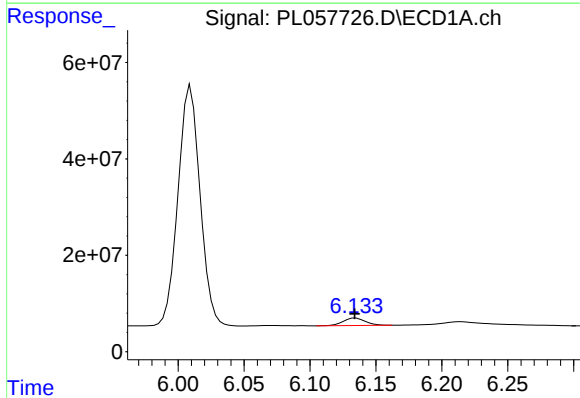
R.T.: 6.010 min  
Delta R.T.: 0.000 min  
Response: 580928961  
Conc: 50.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



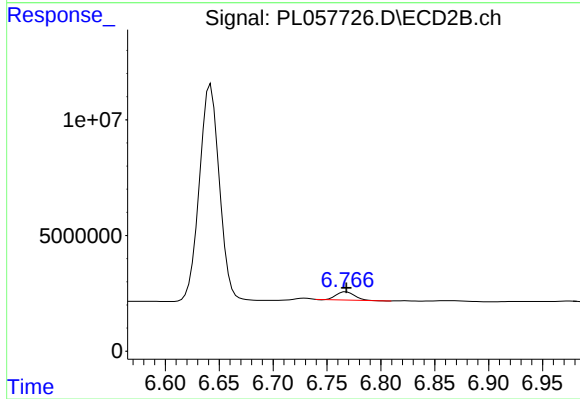
#14 Endrin

R.T.: 6.642 min  
Delta R.T.: 0.000 min  
Response: 120289307  
Conc: 49.86 ng/ml



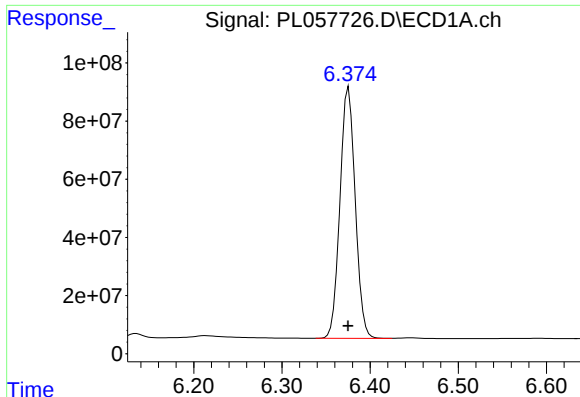
#16 4,4'-DDD

R.T.: 6.135 min  
Delta R.T.: 0.000 min  
Response: 17959421  
Conc: 1.83 ng/ml



#16 4,4'-DDD

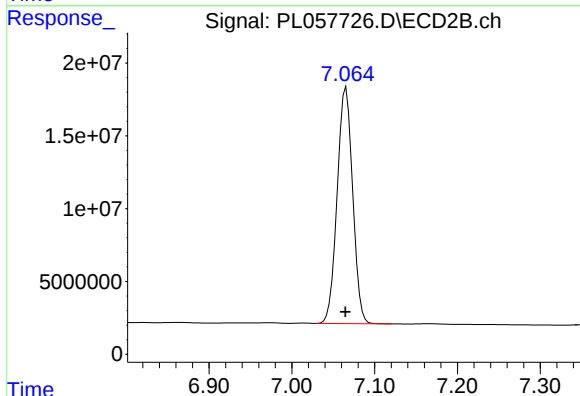
R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 4167058  
Conc: 1.82 ng/ml



#17 4,4'-DDT

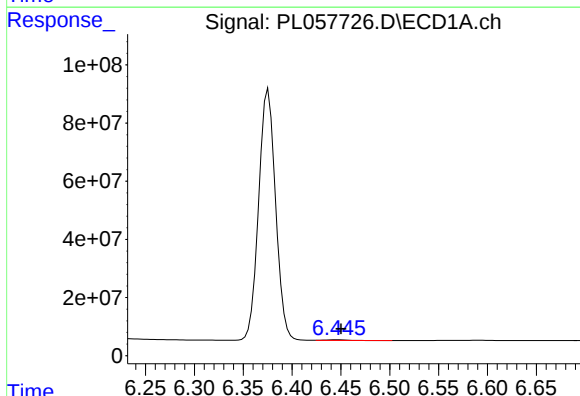
R.T.: 6.376 min  
Delta R.T.: 0.000 min  
Response: 1038591333  
Conc: 104.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



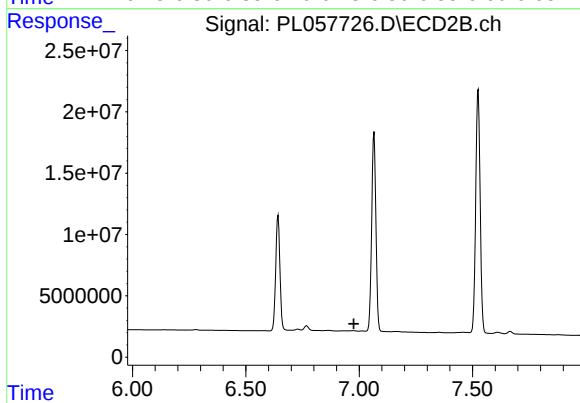
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 211036673  
Conc: 92.66 ng/ml



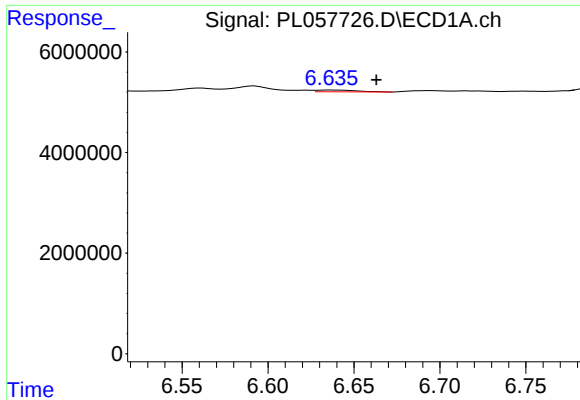
#18 Endrin aldehyde

R.T.: 6.447 min  
Delta R.T.: -0.003 min  
Response: 3030765  
Conc: 0.33 ng/ml



#18 Endrin aldehyde

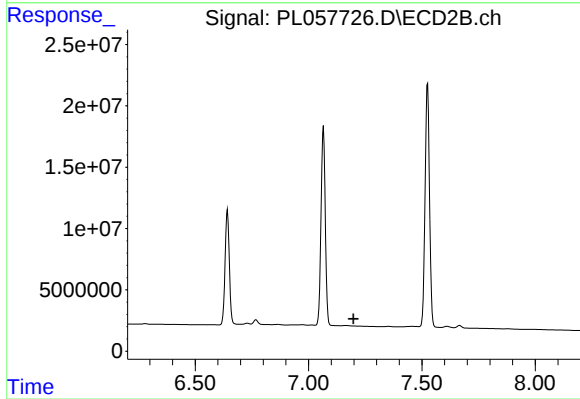
R.T.: 0.000 min  
Exp R.T. : 6.976 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

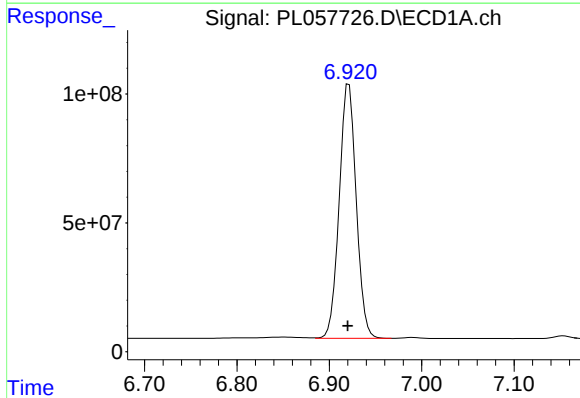
R.T.: 6.637 min  
Delta R.T.: -0.026 min  
Response: 543702  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



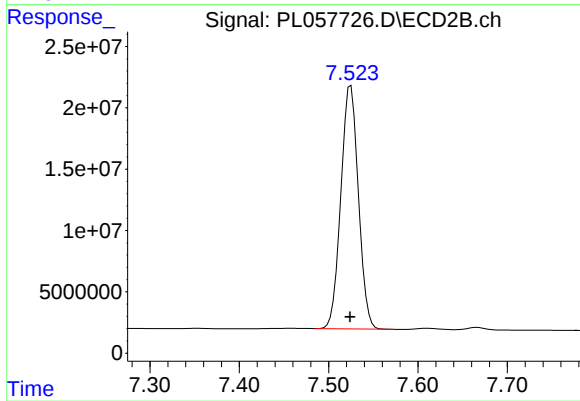
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T.: 7.199 min  
Response: 0  
Conc: N.D.



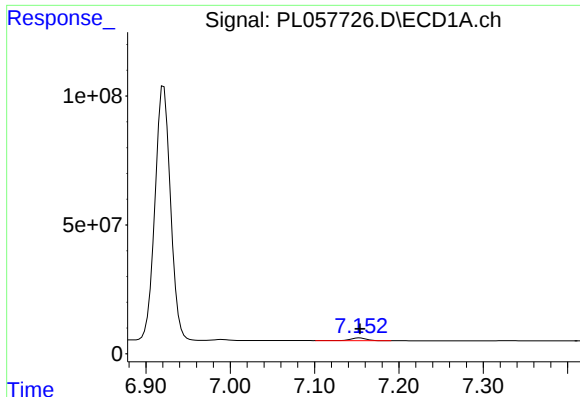
#20 Methoxychlor

R.T.: 6.921 min  
Delta R.T.: 0.001 min  
Response: 1264085200  
Conc: 235.58 ng/ml



#20 Methoxychlor

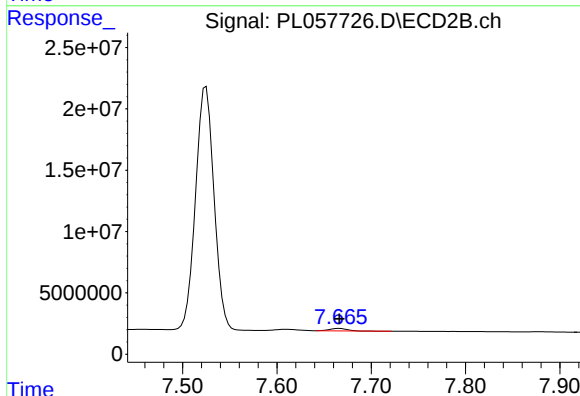
R.T.: 7.525 min  
Delta R.T.: 0.000 min  
Response: 270193393  
Conc: 207.75 ng/ml



#21 Endrin ketone

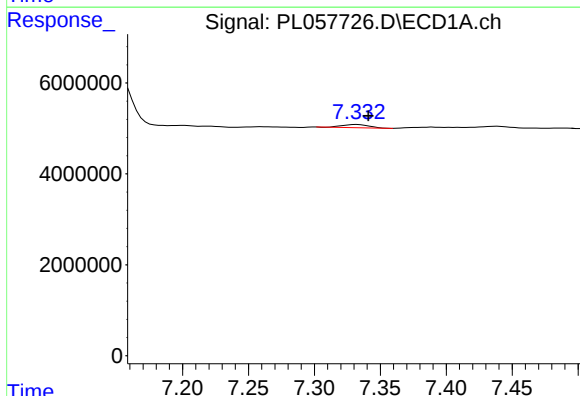
R.T.: 7.154 min  
Delta R.T.: 0.000 min  
Response: 14409375  
Conc: 1.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



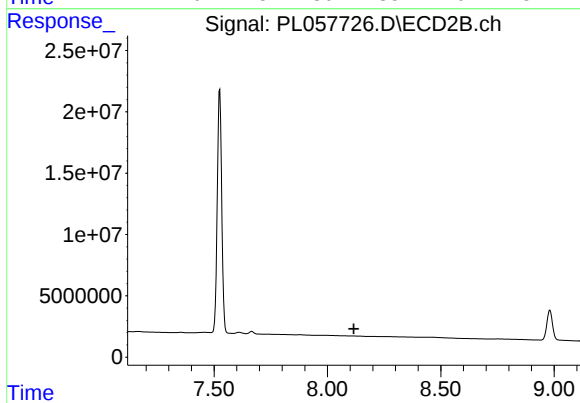
#21 Endrin ketone

R.T.: 7.666 min  
Delta R.T.: 0.000 min  
Response: 2437492  
Conc: 0.94 ng/ml



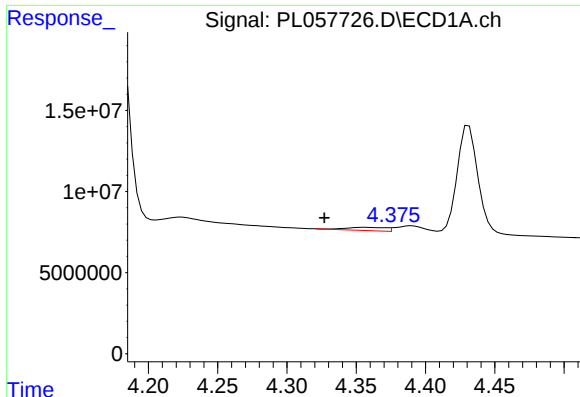
#22 Mirex

R.T.: 7.332 min  
Delta R.T.: -0.009 min  
Response: 997654  
Conc: 0.12 ng/ml



#22 Mirex

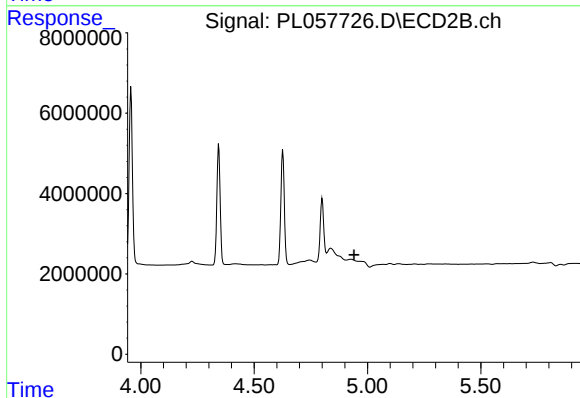
R.T.: 0.000 min  
Exp R.T.: 8.116 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

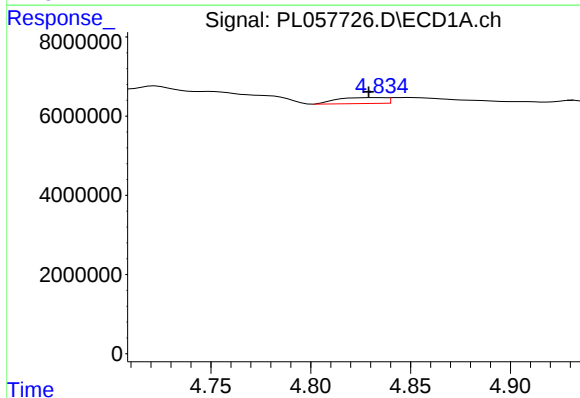
R.T.: 4.355 min  
Delta R.T.: 0.028 min  
Response: 4072724  
Conc: 12.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



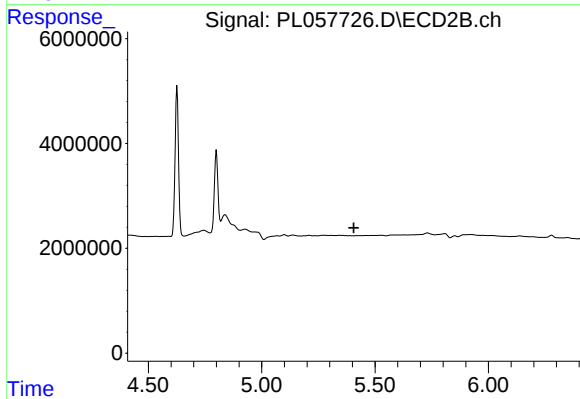
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.941 min  
Response: 0  
Conc: N.D.



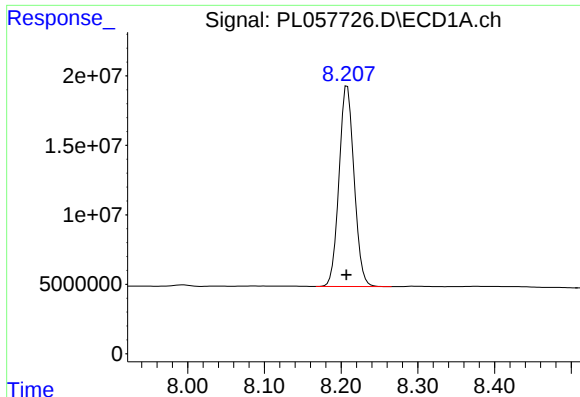
#24 Chlordane-2

R.T.: 4.835 min  
Delta R.T.: 0.006 min  
Response: 2521903  
Conc: 6.94 ng/ml



#24 Chlordane-2

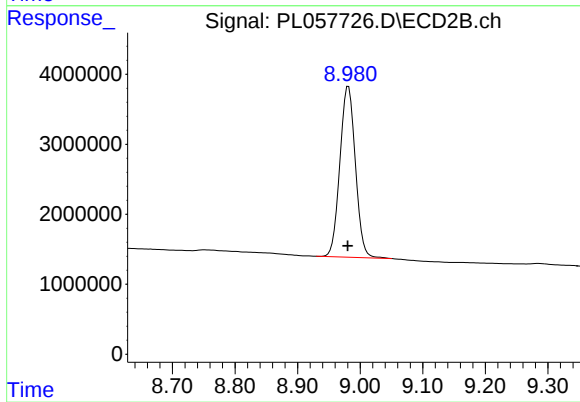
R.T.: 0.000 min  
Exp R.T. : 5.406 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.208 min  
Delta R.T.: 0.000 min  
Response: 197369043  
Conc: 18.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 8.981 min  
Delta R.T.: 0.001 min  
Response: 42137457  
Conc: 19.00 ng/ml