

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072318\  
 Data File : PL038459.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jul 2018 22:08  
 Operator : AJ\SJ  
 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: Jul 24 03:33:44 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|----------|
| -----                       |                 |        |       |          |          |         |          |
| System Monitoring Compounds |                 |        |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.327  | 3.928 | 150.5E6  | 59746385 | 20.218  | 22.761   |
| 28)                         | SA Decachlor... | 7.994  | 8.935 | 148.5E6  | 54820912 | 19.581  | 22.427   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.756  | 4.306 | 119.0E6  | 42153695 | 10.073  | 10.892   |
| 3)                          | MA gamma-BHC... | 4.032  | 4.586 | 109.8E6  | 39876290 | 10.474  | 11.041   |
| 4)                          | MA Heptachlor   | 4.286  | 5.098 | 53945722 | 864131   | 5.071   | 0.270 #  |
| 6)                          | B beta-BHC      | 4.286  | 4.748 | 53945722 | 18041213 | 11.428  | 11.894   |
| 7)                          | B delta-BHC     | 0.000  | 4.957 | 0        | 1397185  | N.D.    | 0.421 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.768 | 0        | 714511   | N.D.    | 0.251 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.239 | 0        | 808302   | N.D.    | 0.302 #  |
| 13)                         | MA Dieldrin     | 0.000  | 6.400 | 0        | 724942   | N.D.    | 0.266 #  |
| 14)                         | MA Endrin       | 5.815  | 6.600 | 412.1E6  | 120.0E6  | 47.428  | 50.257   |
| 15)                         | B Endosulfa...  | 6.030f | 6.824 | 11294944 | 2102202  | 1.424   | 0.875 #  |
| 16)                         | A 4,4'-DDD      | 5.950  | 6.722 | 37573177 | 9802512  | 5.122   | 4.580    |
| 17)                         | MA 4,4'-DDT     | 6.184  | 7.021 | 762.2E6  | 234.6E6  | 102.607 | 110.029  |
| 18)                         | B Endrin al...  | 0.000  | 6.924 | 0        | 1992601  | N.D.    | 1.021 #  |
| 20)                         | A Methoxychlor  | 6.732  | 7.477 | 912.1E6  | 300.3E6  | 237.058 | 263.714  |
| 21)                         | B Endrin ke...  | 6.951  | 7.611 | 19712454 | 4323026  | 2.512   | 1.814 #  |
| 23)                         | Chlordane-1     | 4.238  | 4.957 | 15123838 | 1397185  | 43.679  | 12.057 # |
| 27)                         | Chlordane-5     | 5.950  | 6.924 | 37573177 | 1992601  | 234.637 | 22.244 # |
| -----                       |                 |        |       |          |          |         |          |

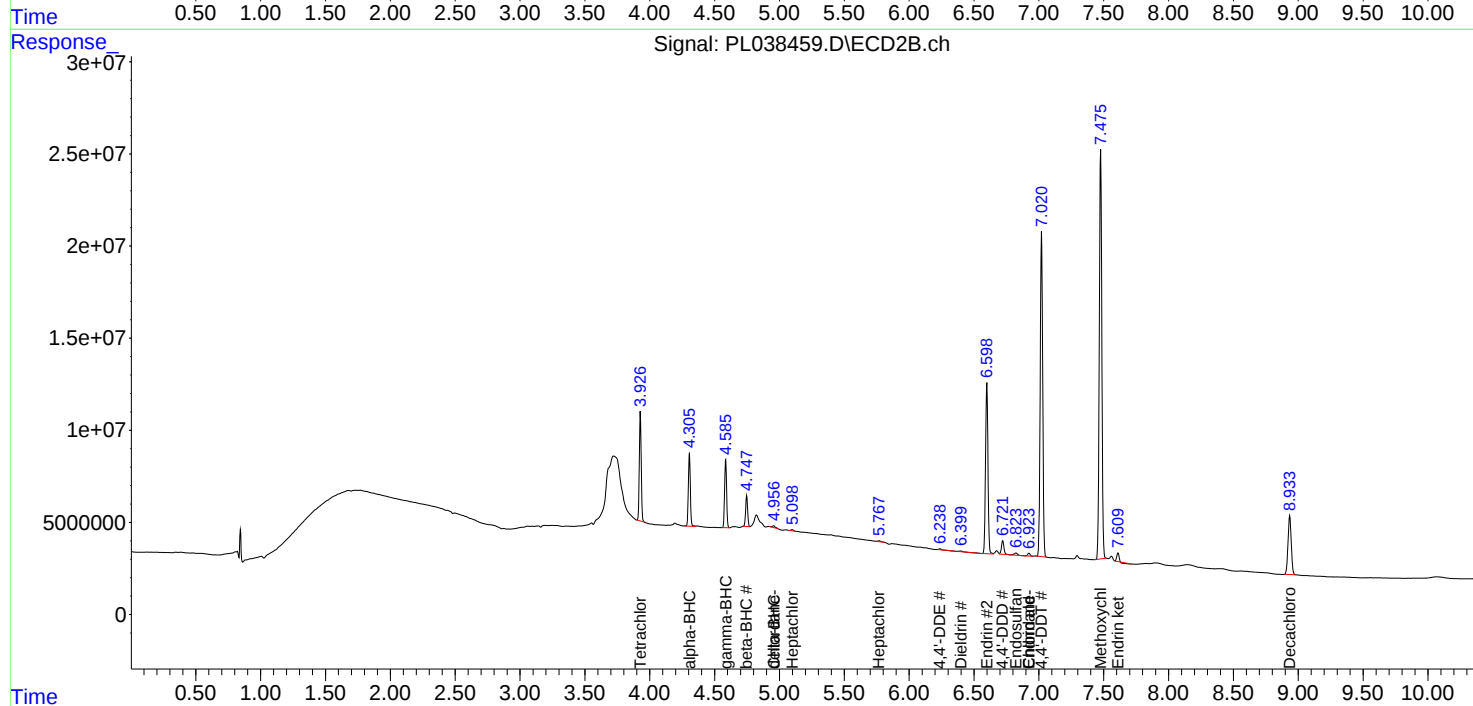
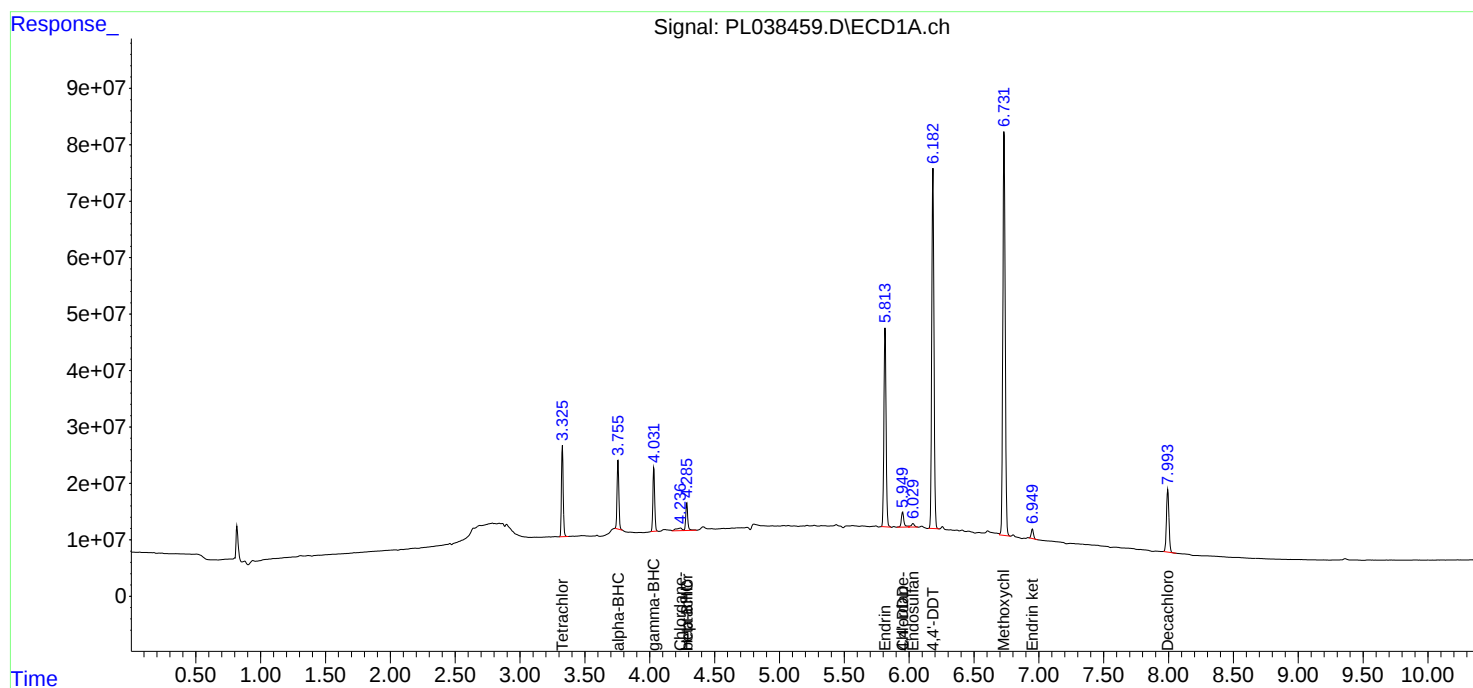
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

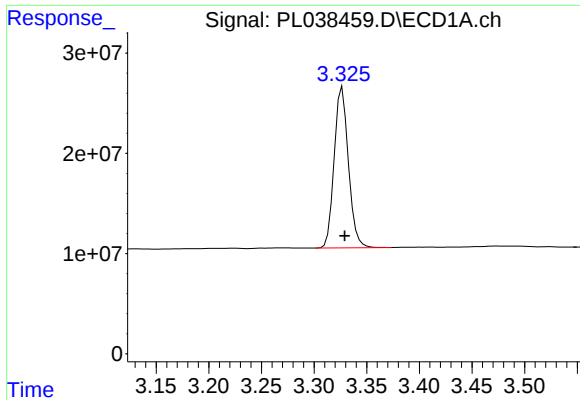
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072318\  
Data File : PL038459.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jul 2018 22:08  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 03:33:44 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

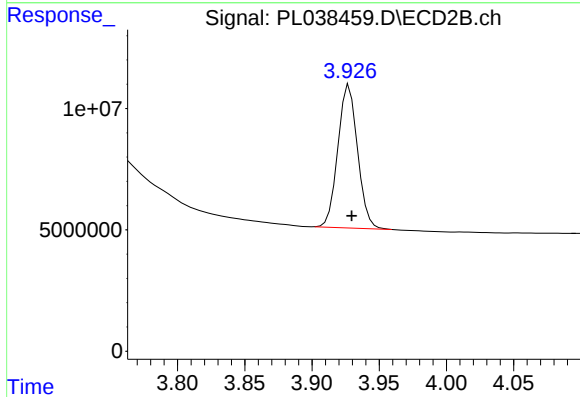




#1 Tetrachloro-m-xylene

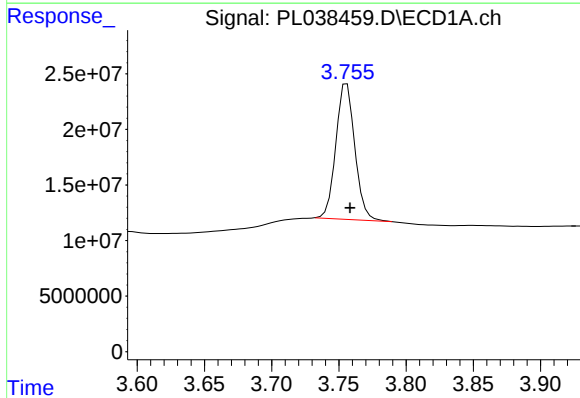
R.T.: 3.327 min  
Delta R.T.: -0.002 min  
Response: 150549194  
Conc: 20.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



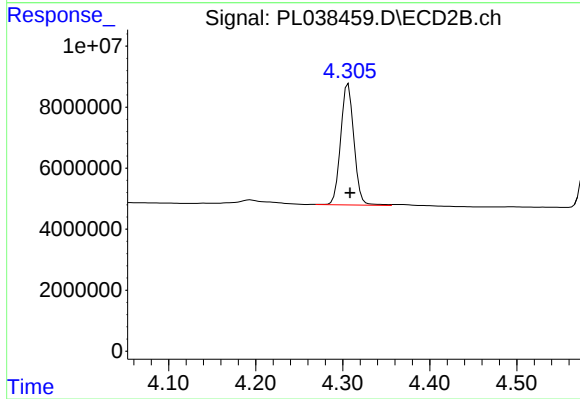
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 59746385  
Conc: 22.76 ng/ml



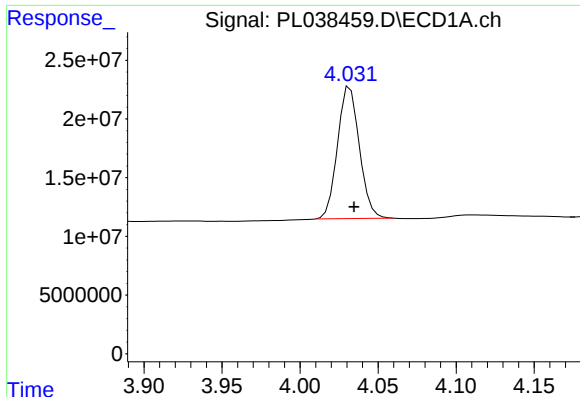
#2 alpha-BHC

R.T.: 3.756 min  
Delta R.T.: -0.003 min  
Response: 119018781  
Conc: 10.07 ng/ml



#2 alpha-BHC

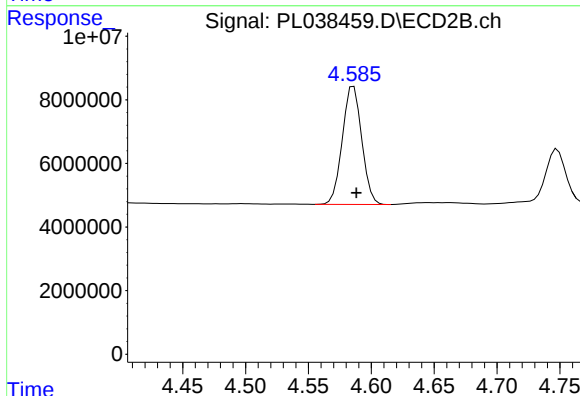
R.T.: 4.306 min  
Delta R.T.: -0.002 min  
Response: 42153695  
Conc: 10.89 ng/ml



#3 gamma-BHC (Lindane)

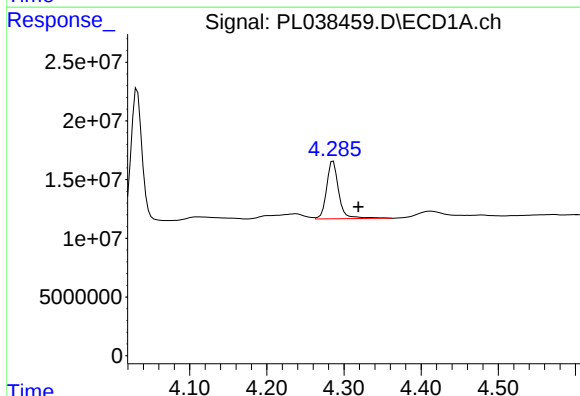
R.T.: 4.032 min  
Delta R.T.: -0.002 min  
Response: 109807579  
Conc: 10.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



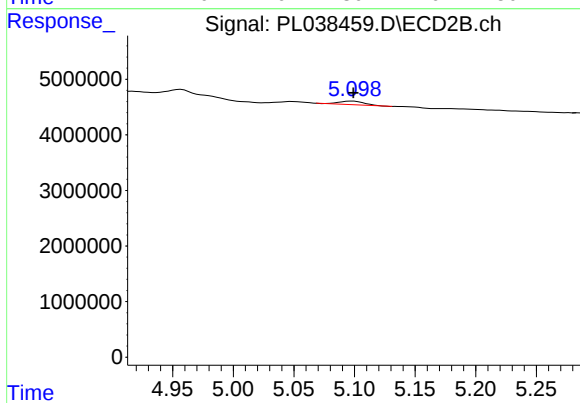
#3 gamma-BHC (Lindane)

R.T.: 4.586 min  
Delta R.T.: -0.002 min  
Response: 39876290  
Conc: 11.04 ng/ml



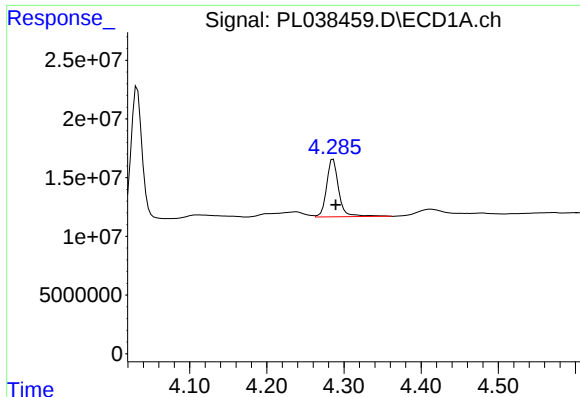
#4 Heptachlor

R.T.: 4.286 min  
Delta R.T.: -0.033 min  
Response: 53945722  
Conc: 5.07 ng/ml



#4 Heptachlor

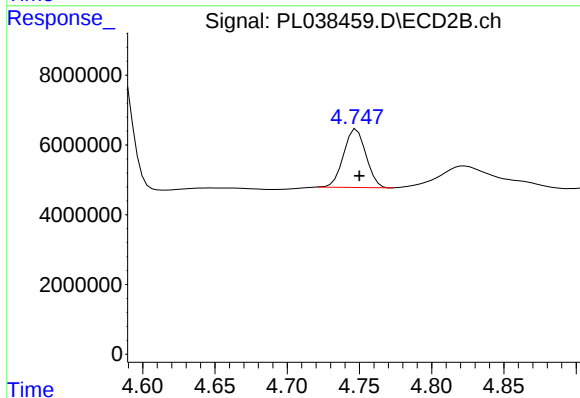
R.T.: 5.098 min  
Delta R.T.: 0.000 min  
Response: 864131  
Conc: 0.27 ng/ml



#6 beta-BHC

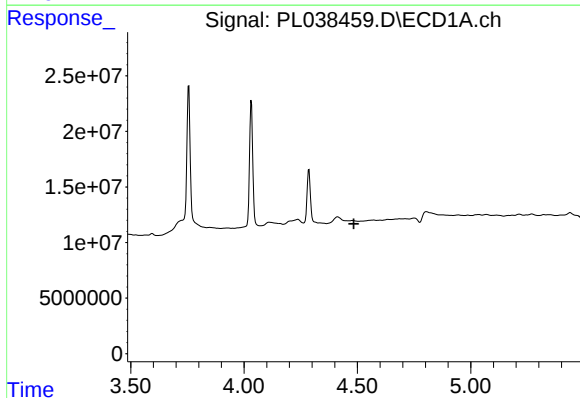
R.T.: 4.286 min  
Delta R.T.: -0.003 min  
Response: 53945722  
Conc: 11.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



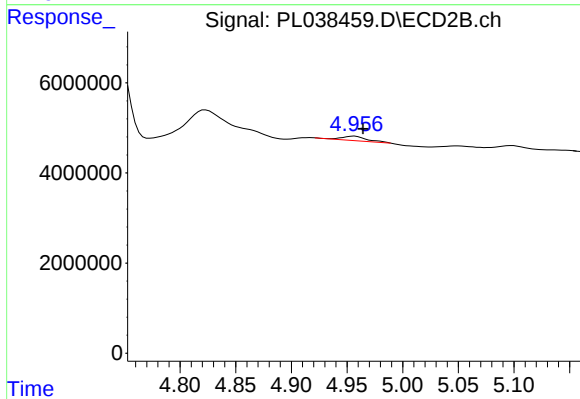
#6 beta-BHC

R.T.: 4.748 min  
Delta R.T.: -0.002 min  
Response: 18041213  
Conc: 11.89 ng/ml



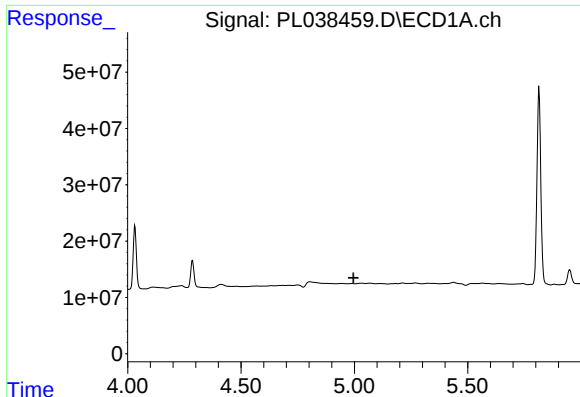
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.484 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

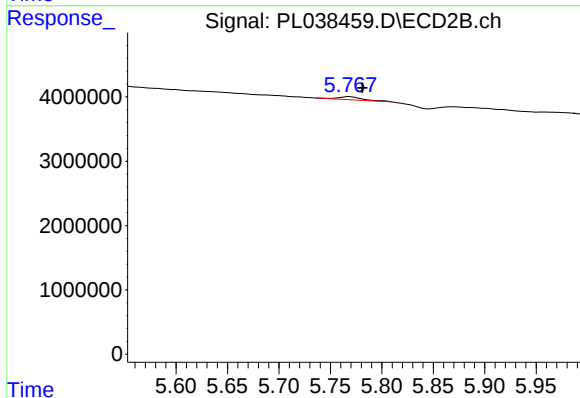
R.T.: 4.957 min  
Delta R.T.: -0.008 min  
Response: 1397185  
Conc: 0.42 ng/ml



#8 Heptachlor epoxide

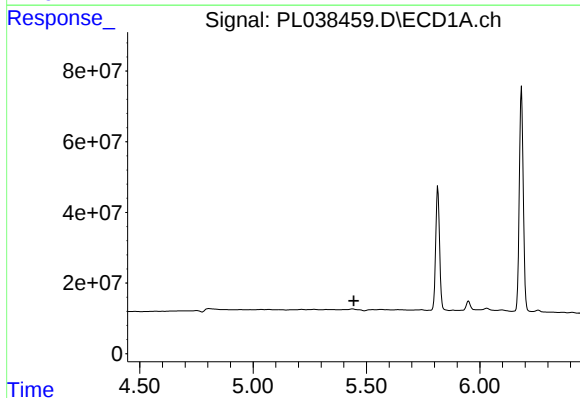
R.T.: 0.000 min  
Exp R.T.: 4.997 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



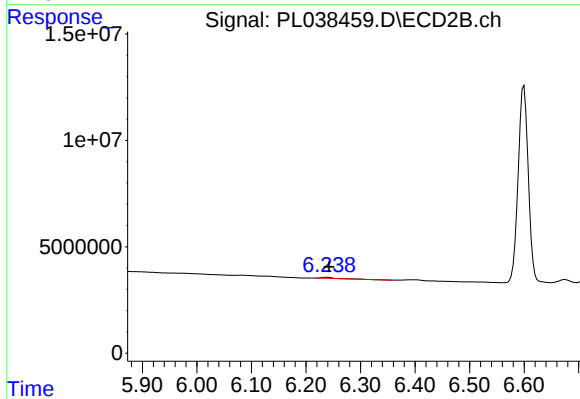
#8 Heptachlor epoxide

R.T.: 5.768 min  
Delta R.T.: -0.013 min  
Response: 714511  
Conc: 0.25 ng/ml



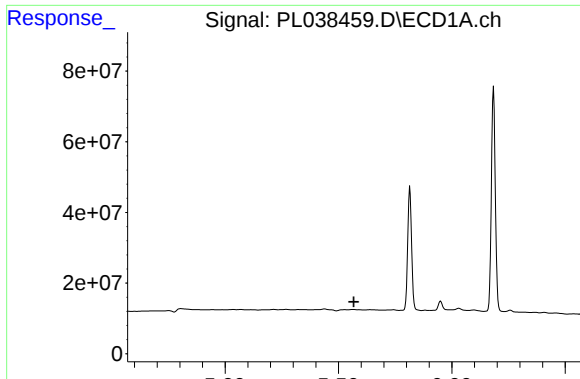
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 5.444 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

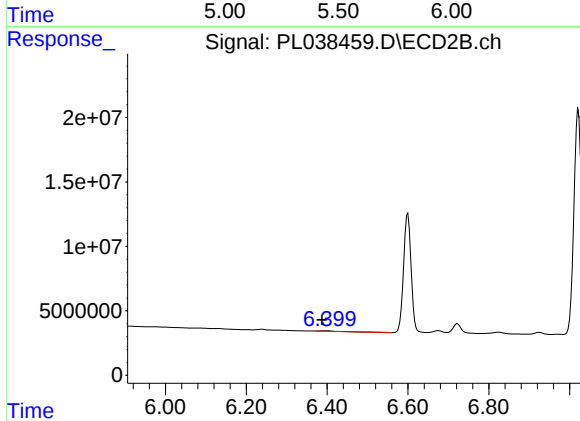
R.T.: 6.239 min  
Delta R.T.: -0.003 min  
Response: 808302  
Conc: 0.30 ng/ml



#13 Dieldrin

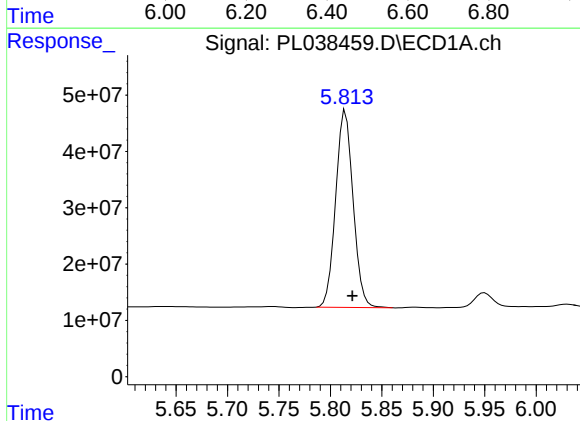
R.T.: 0.000 min  
Exp R.T.: 5.567 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



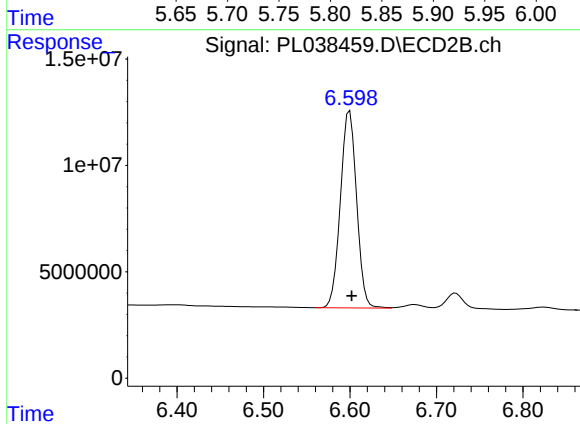
#13 Dieldrin

R.T.: 6.400 min  
Delta R.T.: 0.013 min  
Response: 724942  
Conc: 0.27 ng/ml



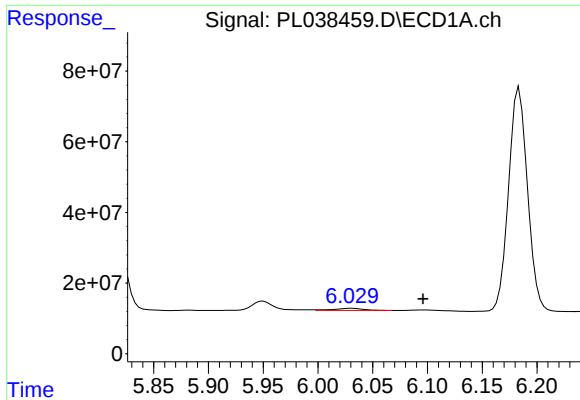
#14 Endrin

R.T.: 5.815 min  
Delta R.T.: -0.007 min  
Response: 412069518  
Conc: 47.43 ng/ml



#14 Endrin

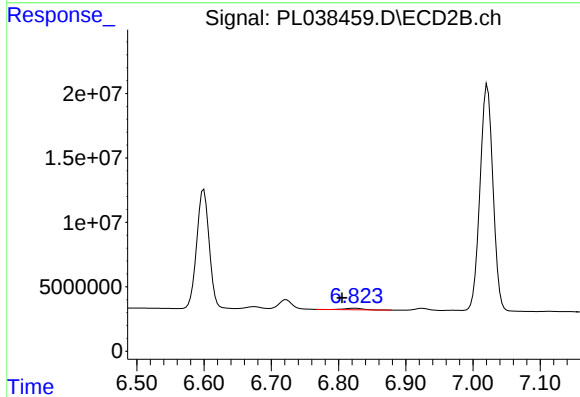
R.T.: 6.600 min  
Delta R.T.: -0.002 min  
Response: 120021770  
Conc: 50.26 ng/ml



#15 Endosulfan II

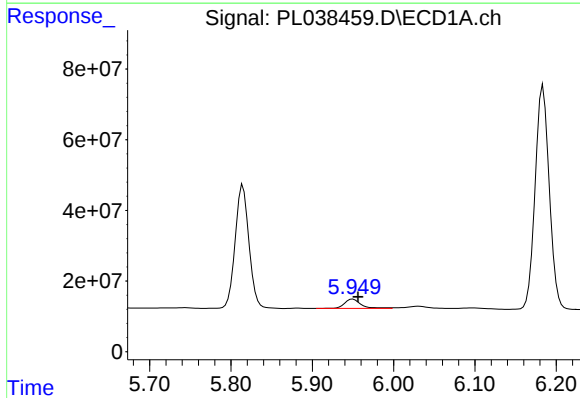
R.T.: 6.030 min  
Delta R.T.: -0.066 min  
Response: 11294944  
Conc: 1.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



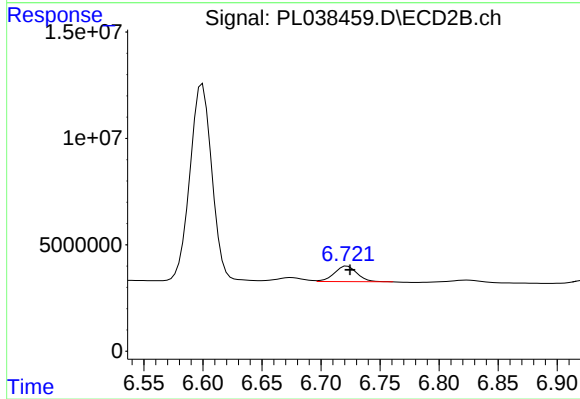
#15 Endosulfan II

R.T.: 6.824 min  
Delta R.T.: 0.019 min  
Response: 2102202  
Conc: 0.88 ng/ml



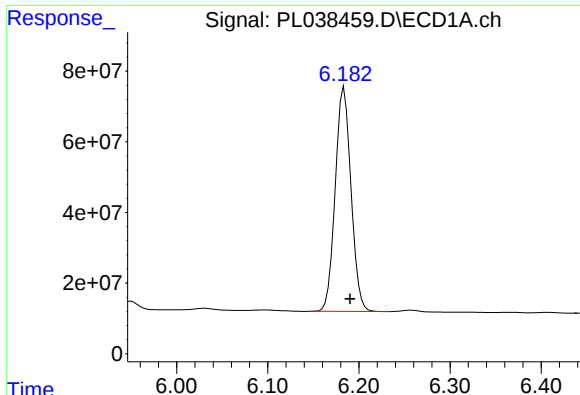
#16 4,4'-DDD

R.T.: 5.950 min  
Delta R.T.: -0.006 min  
Response: 37573177  
Conc: 5.12 ng/ml



#16 4,4'-DDD

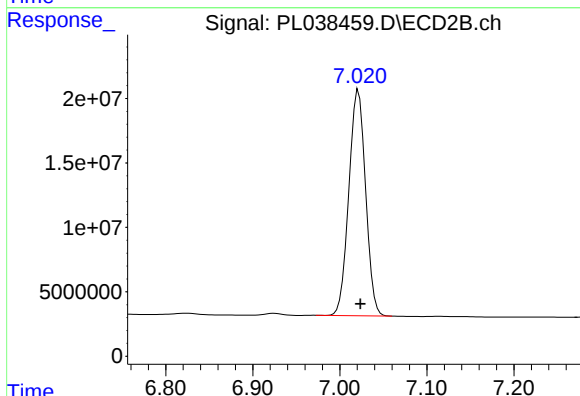
R.T.: 6.722 min  
Delta R.T.: -0.002 min  
Response: 9802512  
Conc: 4.58 ng/ml



#17 4,4'-DDT

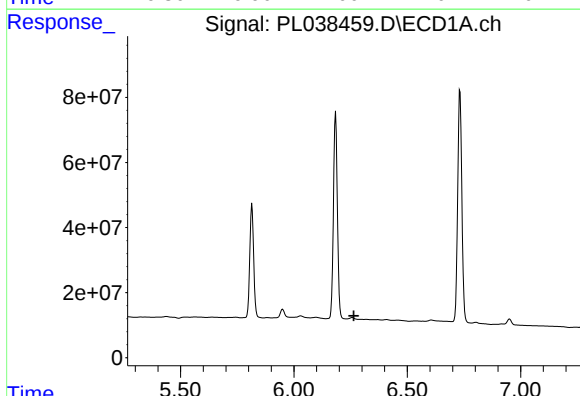
R.T.: 6.184 min  
Delta R.T.: -0.007 min  
Response: 762235267  
Conc: 102.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



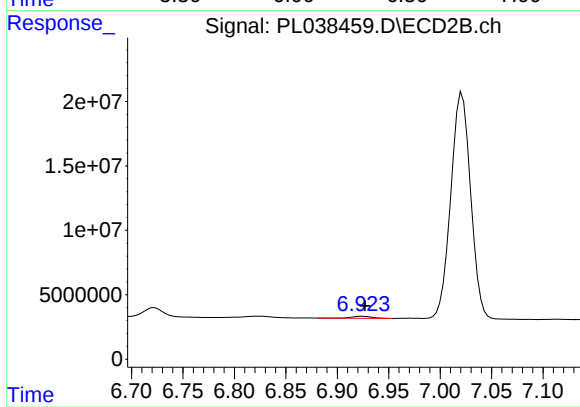
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: -0.002 min  
Response: 234585868  
Conc: 110.03 ng/ml



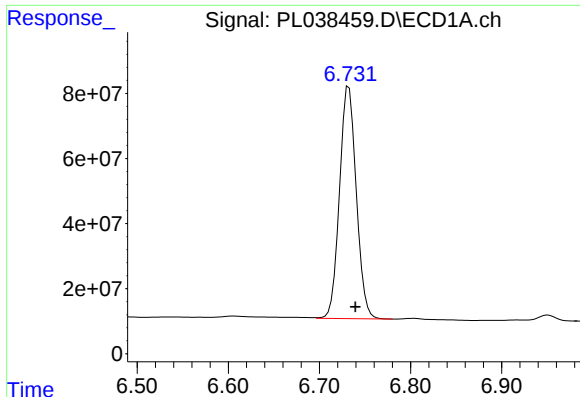
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.264 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

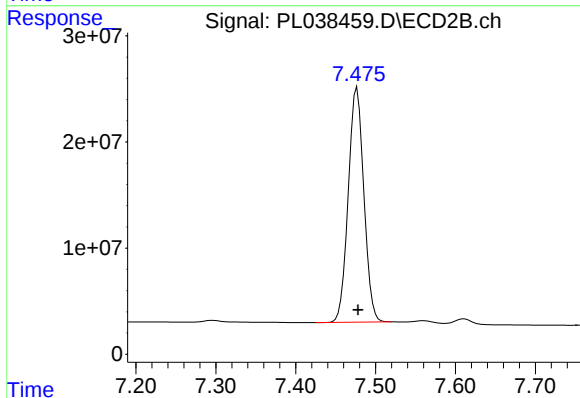
R.T.: 6.924 min  
Delta R.T.: -0.003 min  
Response: 1992601  
Conc: 1.02 ng/ml



#20 Methoxychlor

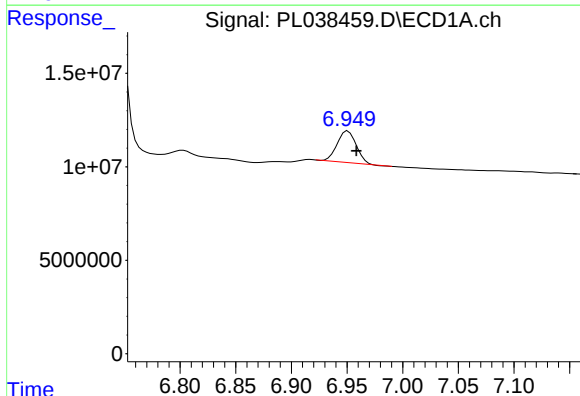
R.T.: 6.732 min  
Delta R.T.: -0.007 min  
Response: 912076131  
Conc: 237.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



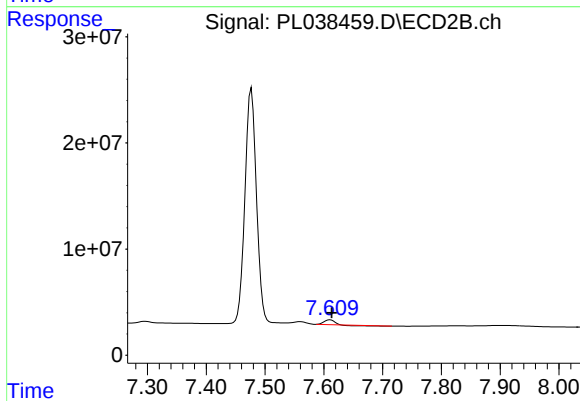
#20 Methoxychlor

R.T.: 7.477 min  
Delta R.T.: -0.002 min  
Response: 300282477  
Conc: 263.71 ng/ml



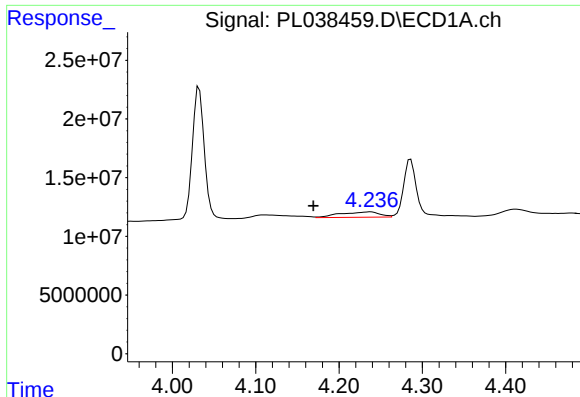
#21 Endrin ketone

R.T.: 6.951 min  
Delta R.T.: -0.008 min  
Response: 19712454  
Conc: 2.51 ng/ml



#21 Endrin ketone

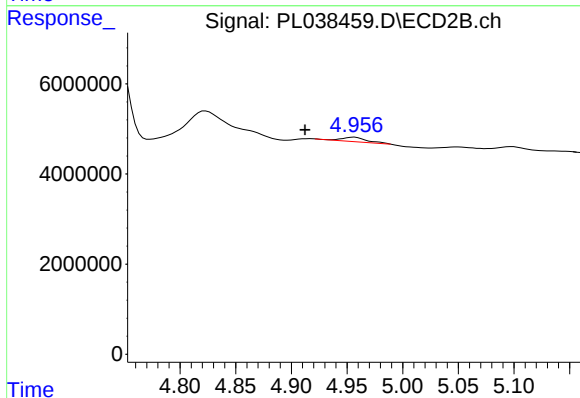
R.T.: 7.611 min  
Delta R.T.: -0.003 min  
Response: 4323026  
Conc: 1.81 ng/ml



#23 Chlordane-1

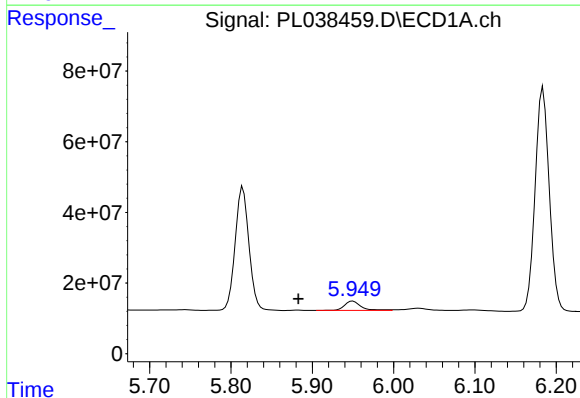
R.T.: 4.238 min  
Delta R.T.: 0.069 min  
Response: 15123838  
Conc: 43.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



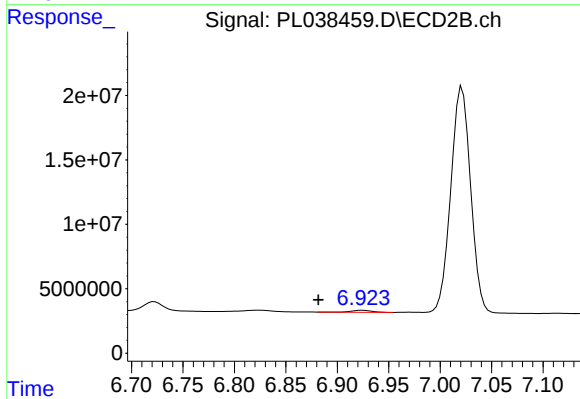
#23 Chlordane-1

R.T.: 4.957 min  
Delta R.T.: 0.045 min  
Response: 1397185  
Conc: 12.06 ng/ml



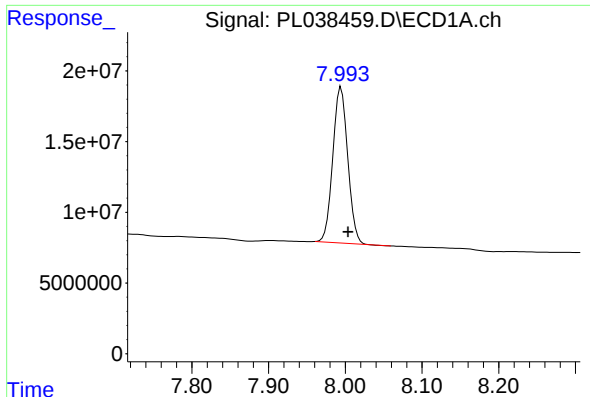
#27 Chlordane-5

R.T.: 5.950 min  
Delta R.T.: 0.067 min  
Response: 37573177  
Conc: 234.64 ng/ml



#27 Chlordane-5

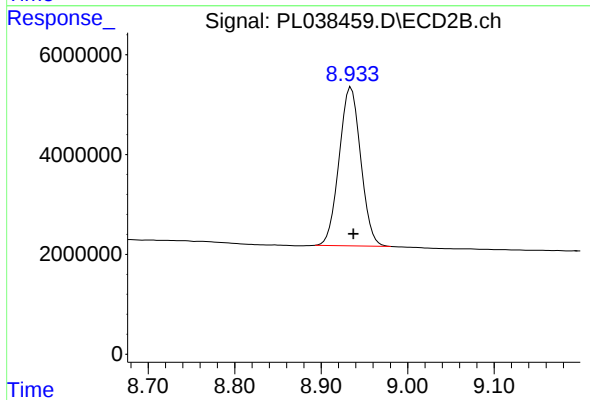
R.T.: 6.924 min  
Delta R.T.: 0.043 min  
Response: 1992601  
Conc: 22.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.994 min  
Delta R.T.: -0.009 min  
Response: 148535884  
Conc: 19.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.935 min  
Delta R.T.: -0.003 min  
Response: 54820912  
Conc: 22.43 ng/ml