

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042720\  
 Data File : PL058384.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Apr 2020 11:20  
 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 28 01:11:02 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 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... | 3.455  | 3.954  | 225.4E6  | 46563172 | 22.360  | 21.456  |
| 28)                         | SA Decachlor... | 8.202  | 8.975  | 222.6E6  | 46382132 | 21.596  | 20.764  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.892  | 4.341  | 181.2E6  | 31615093 | 10.431  | 9.628   |
| 3)                          | MA gamma-BHC... | 4.176  | 4.623  | 162.5E6  | 31424273 | 11.177  | 9.673   |
| 4)                          | MA Heptachlor   | 0.000  | 5.134  | 0        | 289231   | N.D.    | 0.086 # |
| 5)                          | MB Aldrin       | 4.720  | 0.000  | 2044500  | 0        | 0.139   | N.D. #  |
| 6)                          | B beta-BHC      | 4.428  | 4.797  | 79439681 | 15491087 | 12.579  | 11.156  |
| 7)                          | B delta-BHC     | 0.000  | 4.985f | 0        | 1689546  | N.D.    | 2.674 # |
| 8)                          | Heptachlo...    | 5.169  | 5.814  | 627440   | 814372   | 0.047   | 0.302 # |
| 9)                          | A Endosulfan I  | 5.492f | 6.175  | 2846999  | 358114   | 0.232   | 0.120 # |
| 11)                         | B alpha-Chl...  | 5.446  | 0.000  | 7715235  | 0        | 0.579   | N.D. #  |
| 12)                         | B 4,4'-DDE      | 5.614  | 6.275  | 5152871  | 990689   | 0.393   | 0.335   |
| 13)                         | MA Dieldrin     | 0.000  | 6.446f | 0        | 595330   | N.D.    | 0.195 # |
| 14)                         | MA Endrin       | 6.004  | 6.638  | 622.8E6  | 118.0E6  | 53.358  | 47.212  |
| 15)                         | B Endosulfa...  | 6.274  | 6.863  | 3032114  | 2374385  | 0.274   | 0.915 # |
| 16)                         | A 4,4'-DDD      | 6.130  | 6.765  | 37868682 | 8418877  | 3.789   | 3.689   |
| 17)                         | MA 4,4'-DDT     | 6.370  | 7.061  | 1152.5E6 | 208.0E6  | 113.556 | 93.394  |
| 18)                         | B Endrin al...  | 6.444  | 6.972  | 11547880 | 2721357  | 1.235   | 1.225   |
| 20)                         | A Methoxychlor  | 6.915  | 7.521  | 1343.7E6 | 264.5E6  | 243.746 | 207.976 |
| 21)                         | B Endrin ke...  | 7.148  | 7.662  | 43290724 | 7644643  | 3.889   | 3.092   |
| 22)                         | Mirex           | 7.319f | 0.000  | 48155    | 0        | 0.006   | N.D. #  |
| 23)                         | Chlordane-1     | 4.305f | 0.000  | 1871264  | 0        | 5.060   | N.D. #  |
| 24)                         | Chlordane-2     | 4.819  | 0.000  | 3030597  | 0        | 7.507   | N.D. #  |
| 26)                         | Chlordane-4     | 5.446  | 0.000  | 7715235  | 0        | 7.417   | N.D. #  |
| 27)                         | Chlordane-5     | 6.274f | 6.928  | 3032114  | 519273   | 8.016   | 6.090   |
| -----                       |                 |        |        |          |          |         |         |

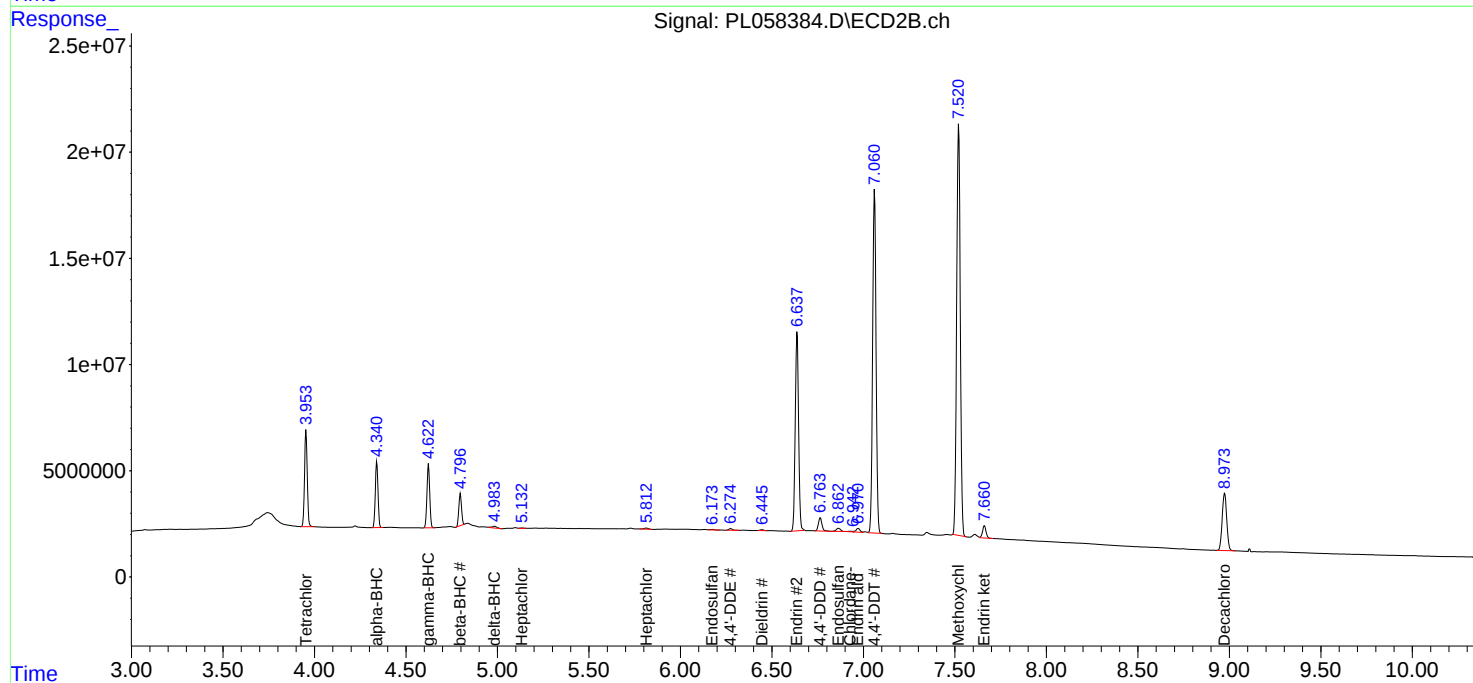
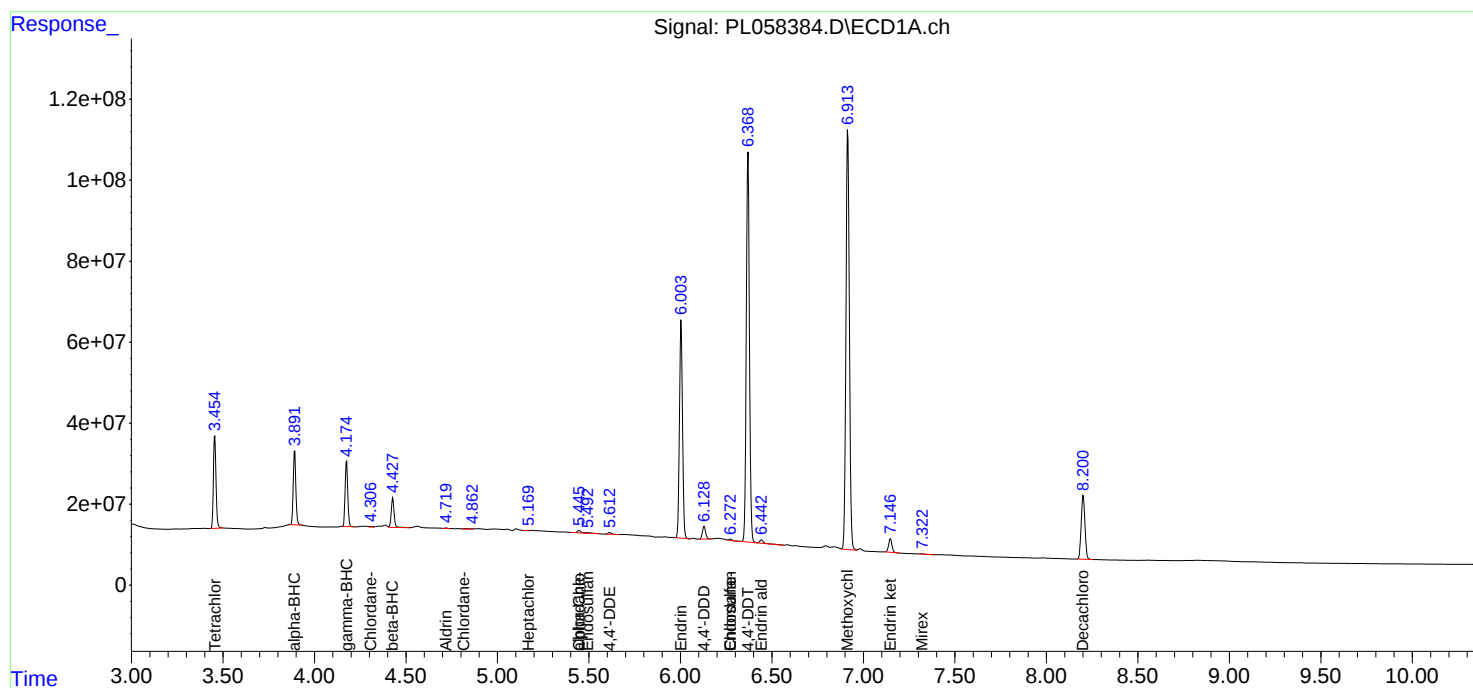
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

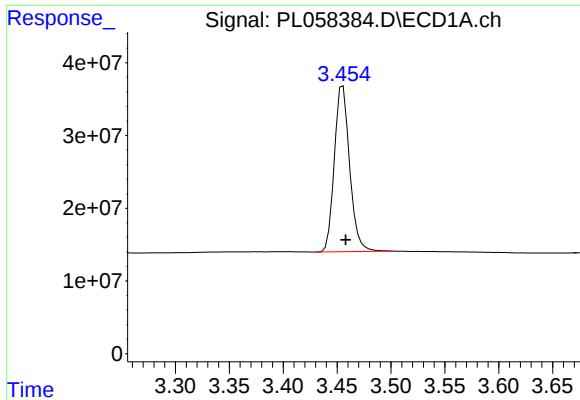
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042720\  
Data File : PL058384.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Apr 2020 11:20  
Operator : AJ\MA  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 28 01:11:02 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 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

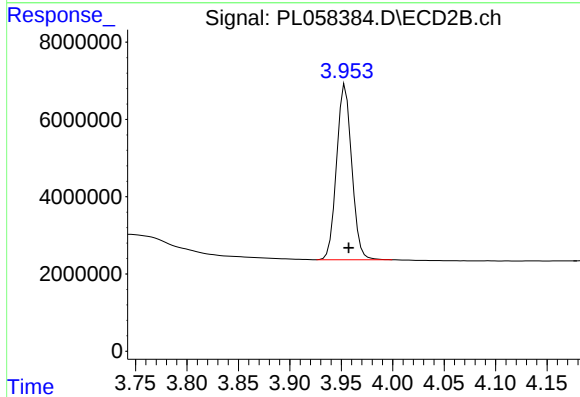




#1 Tetrachloro-m-xylene

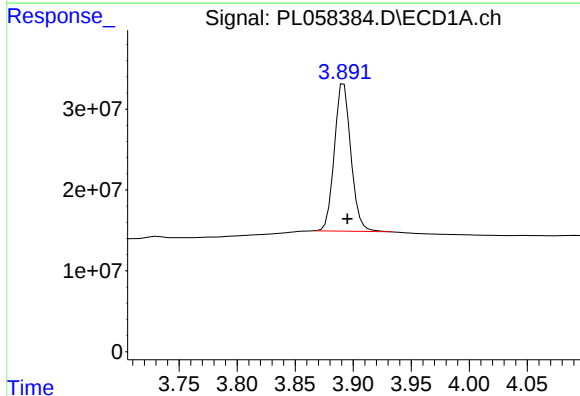
R.T.: 3.455 min  
Delta R.T.: -0.003 min  
Response: 225411420  
Conc: 22.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



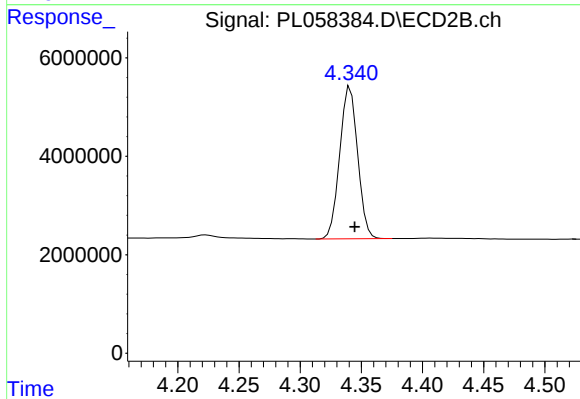
#1 Tetrachloro-m-xylene

R.T.: 3.954 min  
Delta R.T.: -0.003 min  
Response: 46563172  
Conc: 21.46 ng/ml



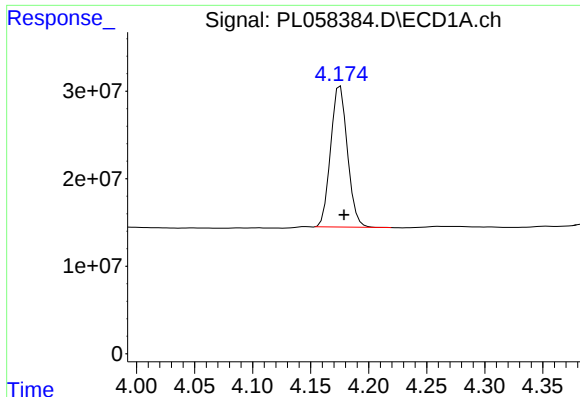
#2 alpha-BHC

R.T.: 3.892 min  
Delta R.T.: -0.003 min  
Response: 181203224  
Conc: 10.43 ng/ml



#2 alpha-BHC

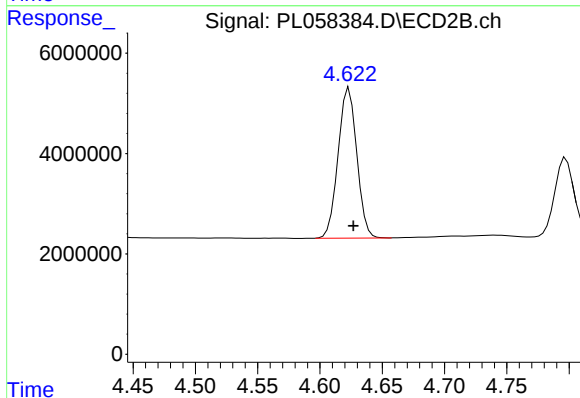
R.T.: 4.341 min  
Delta R.T.: -0.004 min  
Response: 31615093  
Conc: 9.63 ng/ml



#3 gamma-BHC (Lindane)

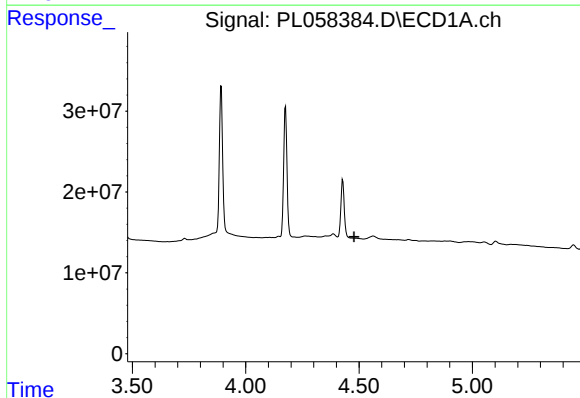
R.T.: 4.176 min  
Delta R.T.: -0.003 min  
Response: 162460764  
Conc: 11.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



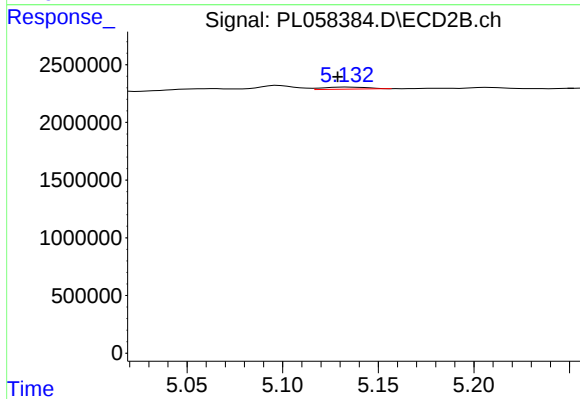
#3 gamma-BHC (Lindane)

R.T.: 4.623 min  
Delta R.T.: -0.003 min  
Response: 31424273  
Conc: 9.67 ng/ml



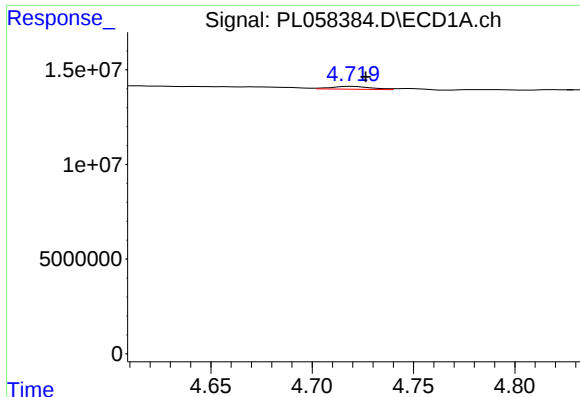
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.479 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

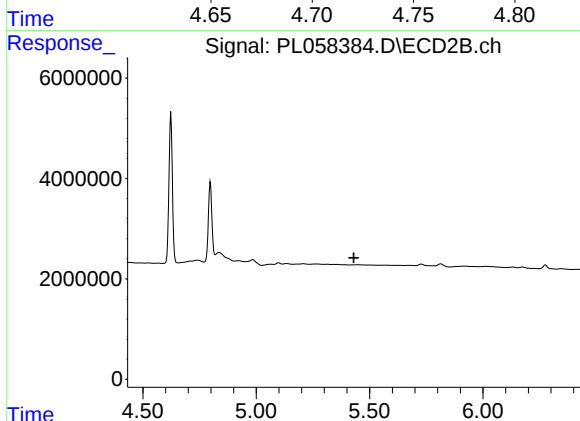
R.T.: 5.134 min  
Delta R.T.: 0.005 min  
Response: 289231  
Conc: 0.09 ng/ml



#5 Aldrin

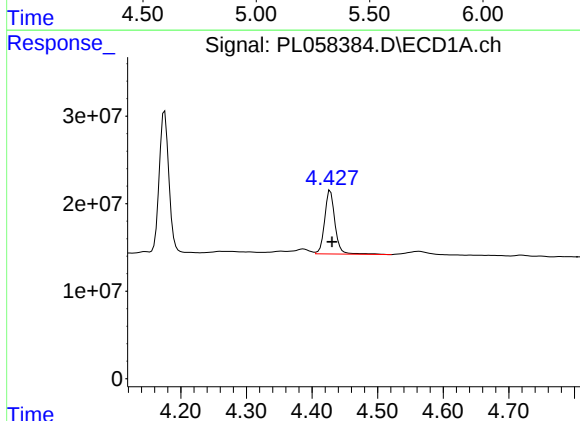
R.T.: 4.720 min  
Delta R.T.: -0.007 min  
Response: 2044500  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



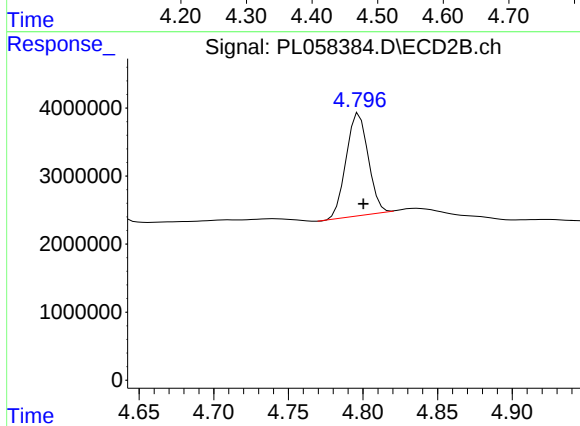
#5 Aldrin

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



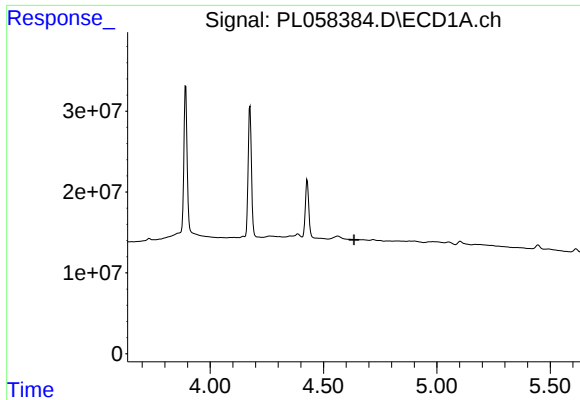
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: -0.002 min  
Response: 79439681  
Conc: 12.58 ng/ml



#6 beta-BHC

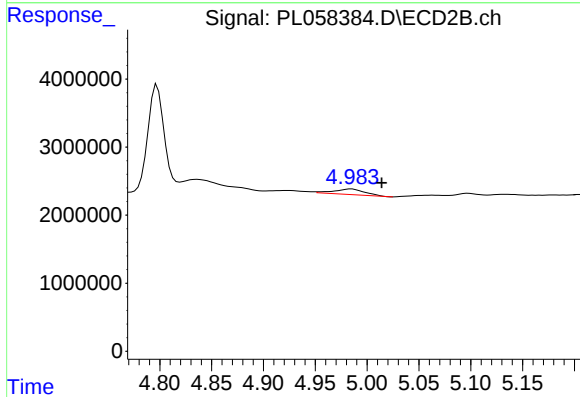
R.T.: 4.797 min  
Delta R.T.: -0.003 min  
Response: 15491087  
Conc: 11.16 ng/ml



#7 delta-BHC

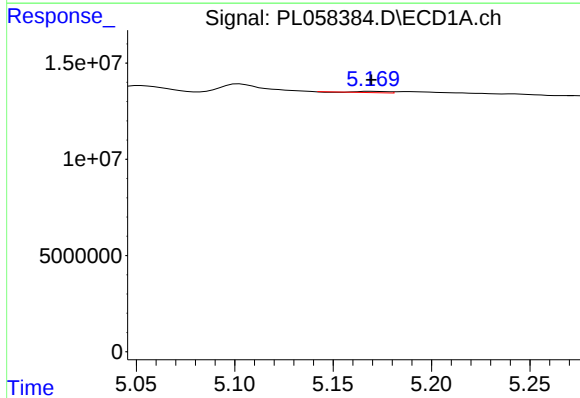
R.T.: 0.000 min  
Exp R.T.: 4.634 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



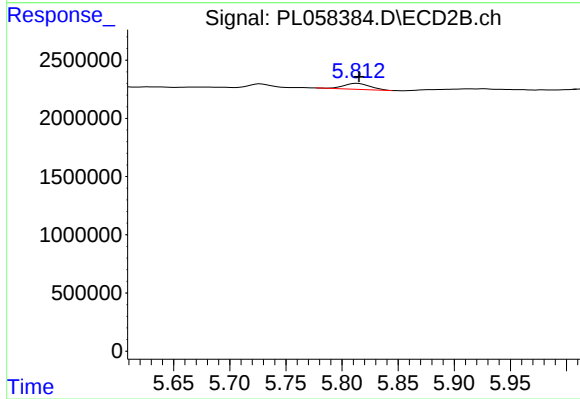
#7 delta-BHC

R.T.: 4.985 min  
Delta R.T.: -0.029 min  
Response: 1689546  
Conc: 2.67 ng/ml



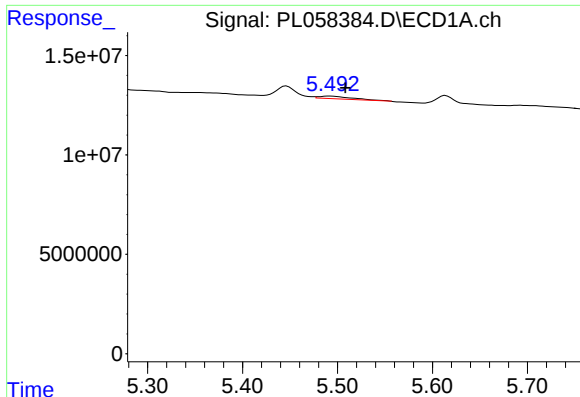
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 627440  
Conc: 0.05 ng/ml



#8 Heptachlor epoxide

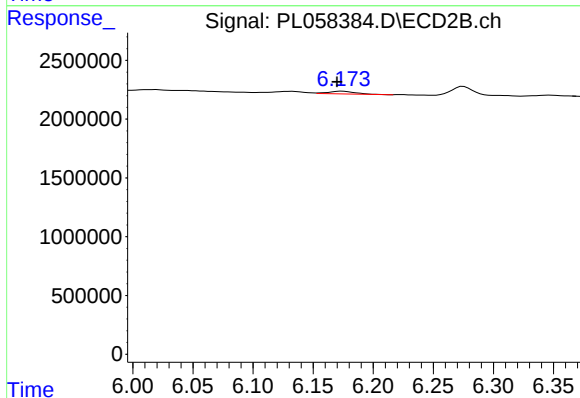
R.T.: 5.814 min  
Delta R.T.: -0.002 min  
Response: 814372  
Conc: 0.30 ng/ml



#9 Endosulfan I

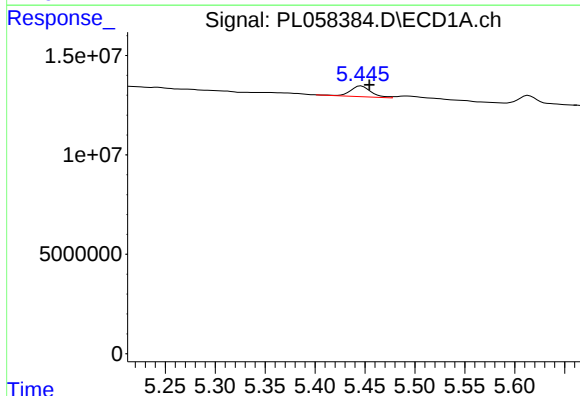
R.T.: 5.492 min  
Delta R.T.: -0.016 min  
Response: 2846999  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



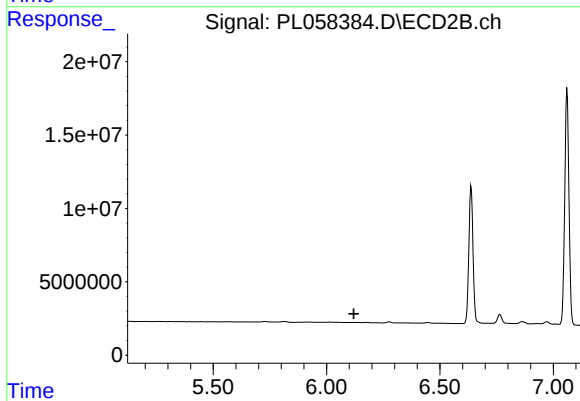
#9 Endosulfan I

R.T.: 6.175 min  
Delta R.T.: 0.004 min  
Response: 358114  
Conc: 0.12 ng/ml



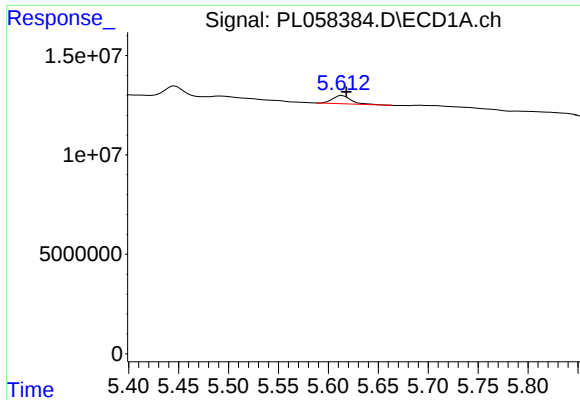
#11 alpha-Chlordane

R.T.: 5.446 min  
Delta R.T.: -0.008 min  
Response: 7715235  
Conc: 0.58 ng/ml



#11 alpha-Chlordane

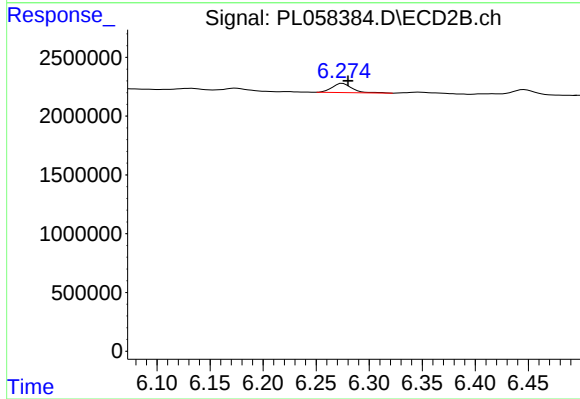
R.T.: 0.000 min  
Exp R.T.: 6.120 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

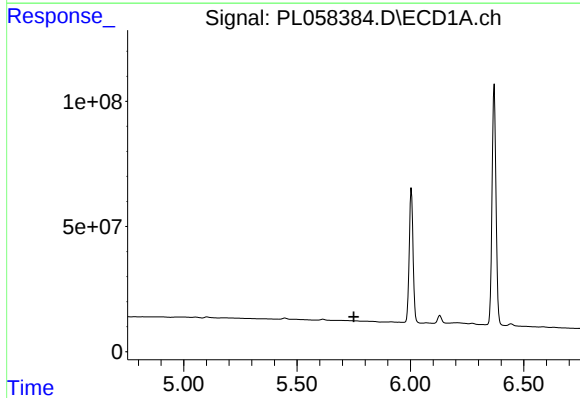
R.T.: 5.614 min  
Delta R.T.: -0.004 min  
Response: 5152871  
Conc: 0.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



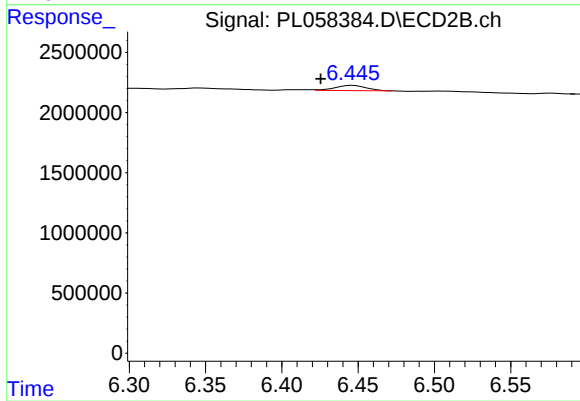
#12 4,4'-DDE

R.T.: 6.275 min  
Delta R.T.: -0.005 min  
Response: 990689  
Conc: 0.33 ng/ml



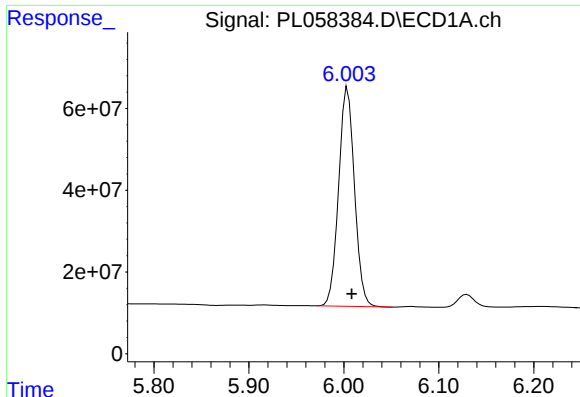
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.751 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

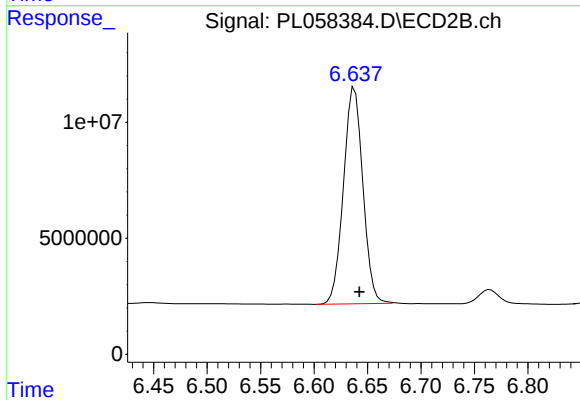
R.T.: 6.446 min  
Delta R.T.: 0.021 min  
Response: 595330  
Conc: 0.19 ng/ml



#14 Endrin

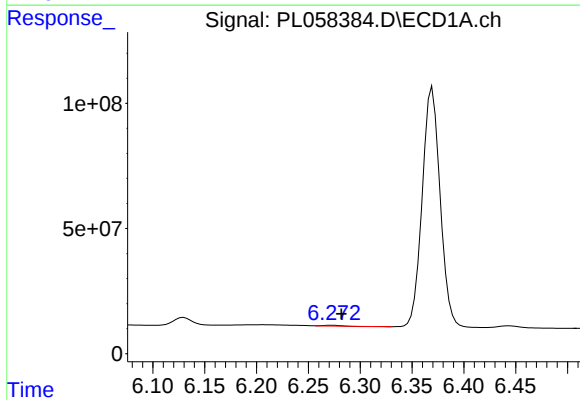
R.T.: 6.004 min  
Delta R.T.: -0.004 min  
Response: 622835249  
Conc: 53.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



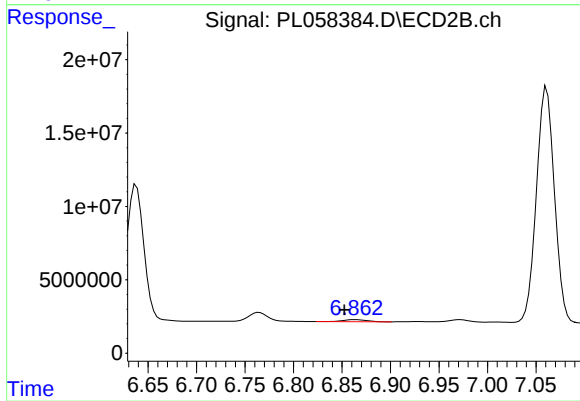
#14 Endrin

R.T.: 6.638 min  
Delta R.T.: -0.004 min  
Response: 117961772  
Conc: 47.21 ng/ml



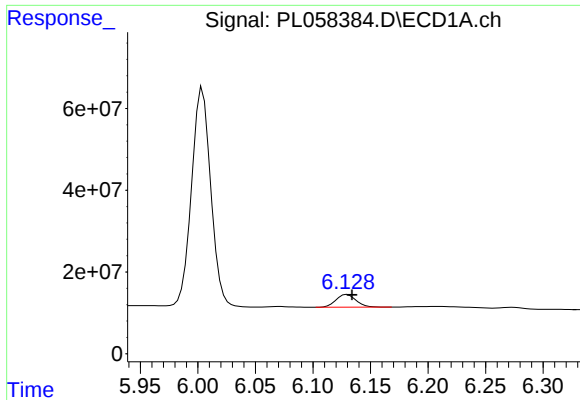
#15 Endosulfan II

R.T.: 6.274 min  
Delta R.T.: -0.008 min  
Response: 3032114  
Conc: 0.27 ng/ml



#15 Endosulfan II

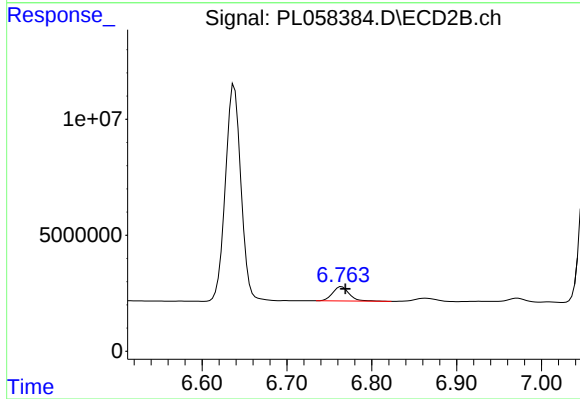
R.T.: 6.863 min  
Delta R.T.: 0.011 min  
Response: 2374385  
Conc: 0.92 ng/ml



#16 4,4'-DDD

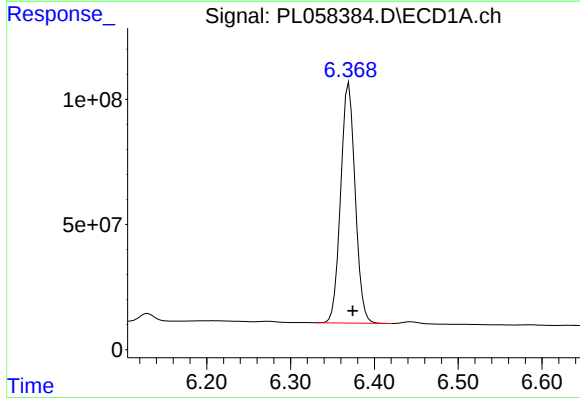
R.T.: 6.130 min  
Delta R.T.: -0.004 min  
Response: 37868682  
Conc: 3.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



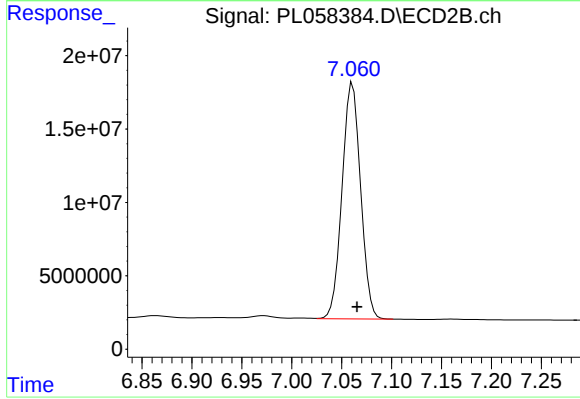
#16 4,4'-DDD

R.T.: 6.765 min  
Delta R.T.: -0.004 min  
Response: 8418877  
Conc: 3.69 ng/ml



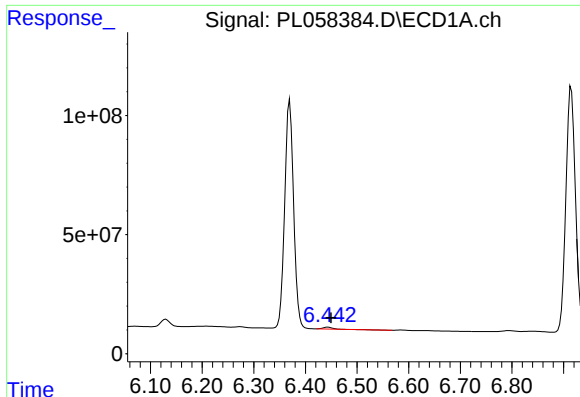
#17 4,4'-DDT

R.T.: 6.370 min  
Delta R.T.: -0.005 min  
Response: 1152533860  
Conc: 113.56 ng/ml



#17 4,4'-DDT

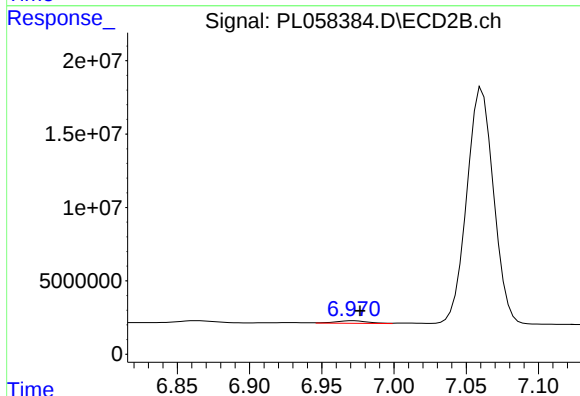
R.T.: 7.061 min  
Delta R.T.: -0.005 min  
Response: 208023433  
Conc: 93.39 ng/ml



#18 Endrin aldehyde

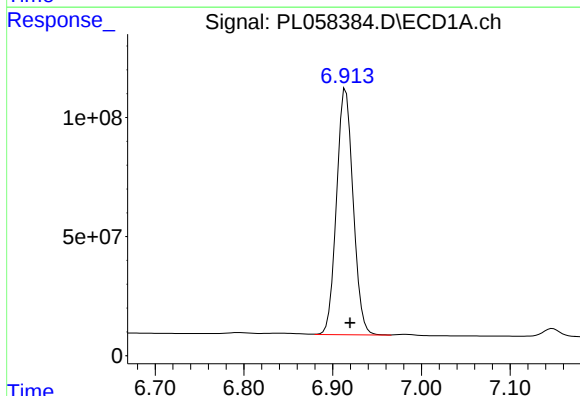
R.T.: 6.444 min  
Delta R.T.: -0.006 min  
Response: 11547880  
Conc: 1.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



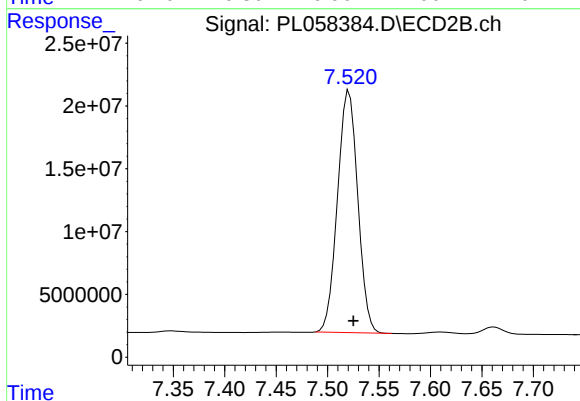
#18 Endrin aldehyde

R.T.: 6.972 min  
Delta R.T.: -0.005 min  
Response: 2721357  
Conc: 1.22 ng/ml



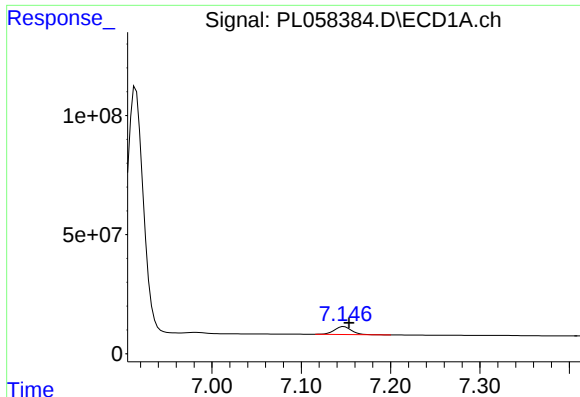
#20 Methoxychlor

R.T.: 6.915 min  
Delta R.T.: -0.005 min  
Response: 1343678237  
Conc: 243.75 ng/ml



#20 Methoxychlor

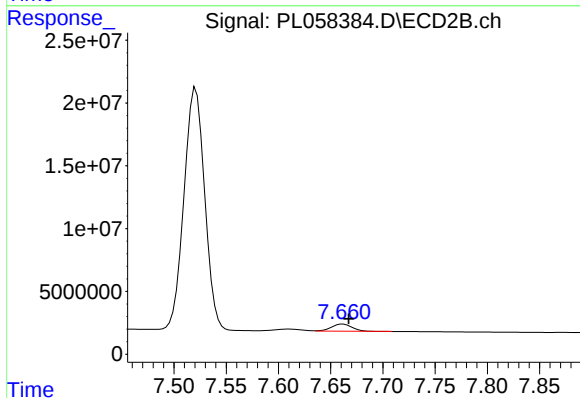
R.T.: 7.521 min  
Delta R.T.: -0.004 min  
Response: 264549693  
Conc: 207.98 ng/ml



#21 Endrin ketone

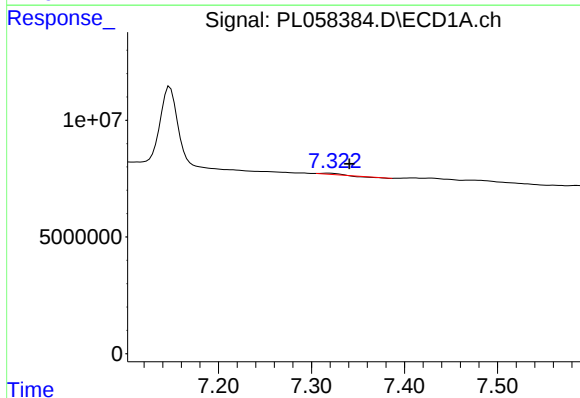
R.T.: 7.148 min  
Delta R.T.: -0.006 min  
Response: 43290724  
Conc: 3.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



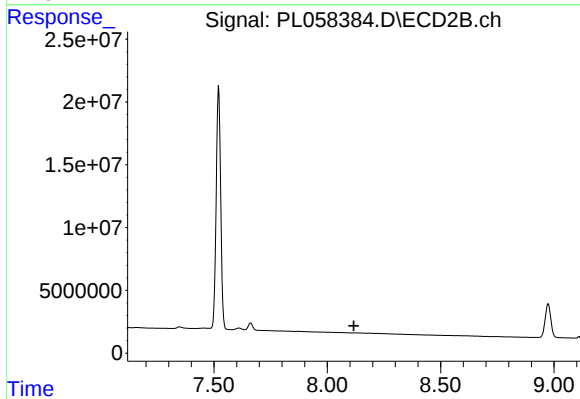
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: -0.005 min  
Response: 7644643  
Conc: 3.09 ng/ml



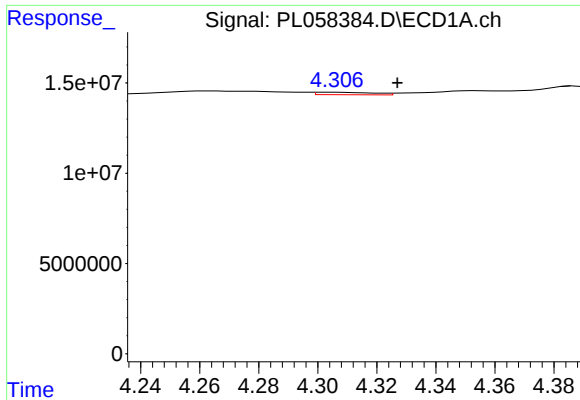
#22 Mirex

R.T.: 7.319 min  
Delta R.T.: -0.022 min  
Response: 48155  
Conc: 0.01 ng/ml



#22 Mirex

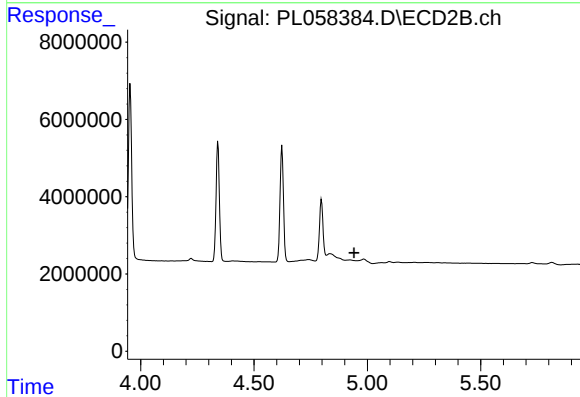
R.T.: 0.000 min  
Exp R.T.: 8.117 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

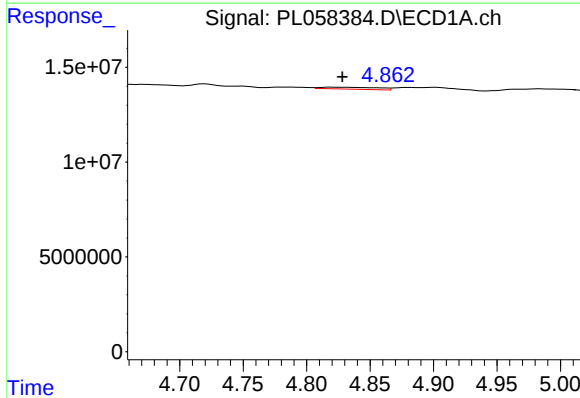
R.T.: 4.305 min  
Delta R.T.: -0.022 min  
Response: 1871264  
Conc: 5.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



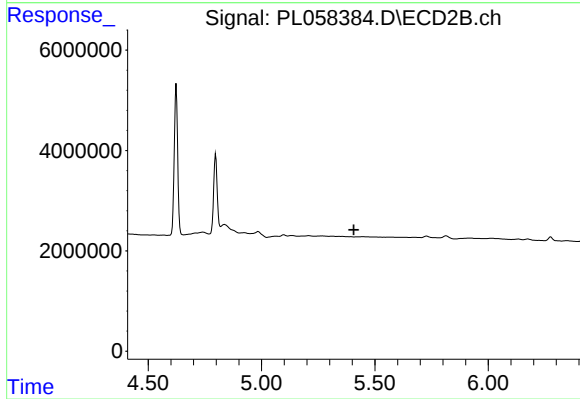
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.942 min  
Response: 0  
Conc: N.D.



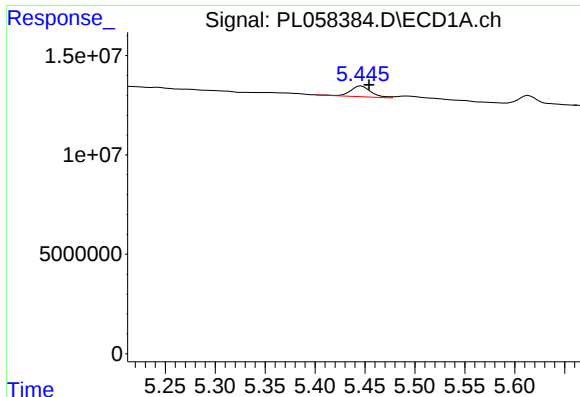
#24 Chlordane-2

R.T.: 4.819 min  
Delta R.T.: -0.009 min  
Response: 3030597  
Conc: 7.51 ng/ml



#24 Chlordane-2

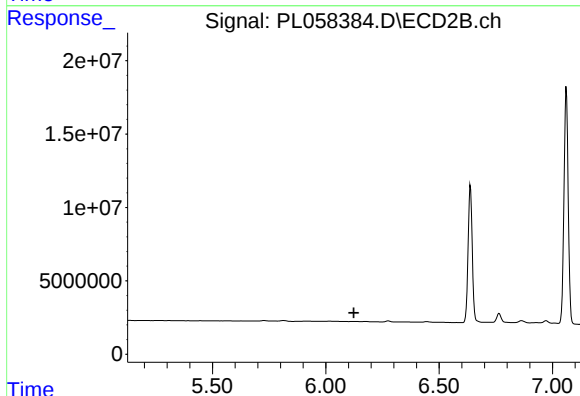
R.T.: 0.000 min  
Exp R.T. : 5.407 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

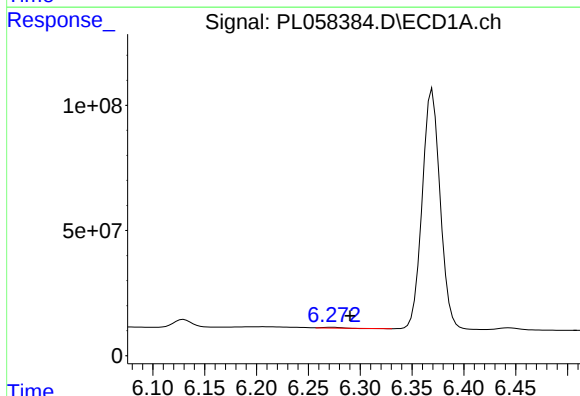
R.T.: 5.446 min  
Delta R.T.: -0.008 min  
Response: 7715235  
Conc: 7.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



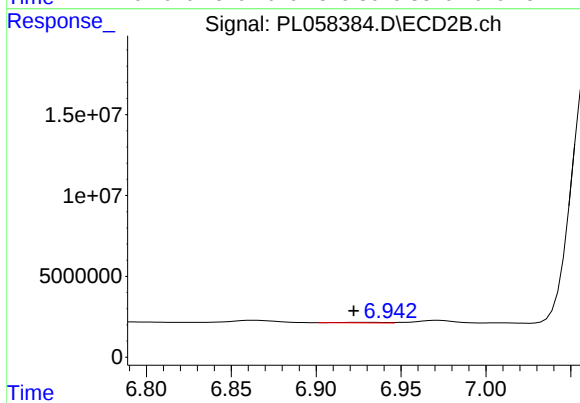
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 6.123 min  
Response: 0  
Conc: N.D.



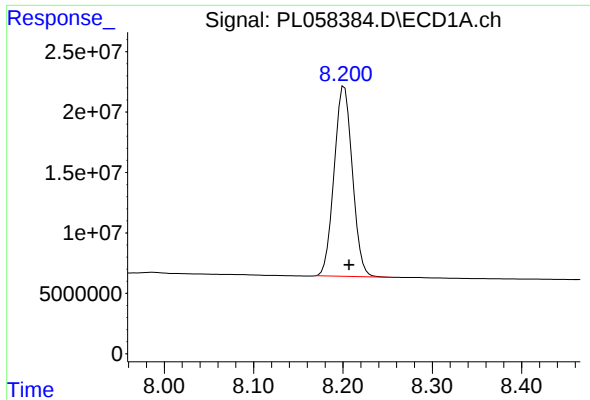
#27 Chlordane-5

R.T.: 6.274 min  
Delta R.T.: -0.017 min  
Response: 3032114  
Conc: 8.02 ng/ml



#27 Chlordane-5

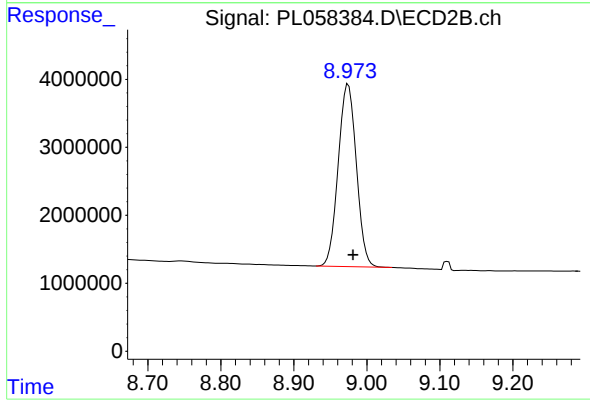
R.T.: 6.928 min  
Delta R.T.: 0.006 min  
Response: 519273  
Conc: 6.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.202 min  
Delta R.T.: -0.005 min  
Response: 222623755  
Conc: 21.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM



#28 Decachlorobiphenyl

R.T.: 8.975 min  
Delta R.T.: -0.006 min  
Response: 46382132  
Conc: 20.76 ng/ml