

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051123\  
 Data File : PL082670.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 May 2023 19:47  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 11 21:44:27 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.319  | 2.640  | 119.9E6  | 130.8E6  | 44.883  | 56.451 # |
| 28)                         | SA Decachlor... | 8.735  | 7.749  | 88835353 | 100.6E6  | 46.533  | 44.068   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.778  | 3.122f | 3850620  | 154733   | 0.967   | 0.045 #  |
| 3)                          | MA gamma-BHC... | 4.117f | 0.000  | 629054   | 0        | 0.168   | N.D. #   |
| 4)                          | MA Heptachlor   | 4.674  | 3.796  | 71713913 | 64481170 | 19.627  | 18.836   |
| 5)                          | MB Aldrin       | 4.988f | 4.092  | 59738169 | 5617030  | 18.116  | 1.783 #  |
| 6)                          | B beta-BHC      | 4.320f | 3.796f | 4622905  | 64481170 | 2.711   | 47.260 # |
| 7)                          | B delta-BHC     | 0.000  | 3.980f | 0        | 5855662  | N.D.    | 1.909 #  |
| 8)                          | B Heptachlo...  | 5.422f | 0.000  | 25972342 | 0        | 8.515   | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 4.932f | 0        | 12806703 | N.D.    | 4.798 #  |
| 10)                         | B gamma-Chl...  | 5.692  | 4.824  | 218.7E6  | 147.6E6  | 72.717  | 50.856 # |
| 11)                         | B alpha-Chl...  | 5.773  | 4.884  | 263.0E6  | 152.3E6  | 88.133  | 52.450 # |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.069f | 0        | 340173   | N.D.    | 0.148 #  |
| 13)                         | MA Dieldrin     | 6.090  | 5.230f | 8593131  | -3079644 | 3.114   | N.D. #   |
| 14)                         | MA Endrin       | 6.345f | 5.490  | -481132  | 6896121  | N.D.    | 2.819    |
| 15)                         | B Endosulfa...  | 6.558  | 5.776  | 1148614  | 46316265 | 0.472   | 20.547 # |
| 17)                         | MA 4,4'-DDT     | 6.768  | 5.881  | 1535588  | 764594   | 0.671   | 0.362 #  |
| 18)                         | B Endrin al...  | 6.671  | 5.961  | 3797405  | 1033076  | 2.015   | 0.552 #  |
| 19)                         | B Endosulfa...  | 6.901  | 6.182  | 663684   | 1403391  | 0.280   | 0.596 #  |
| 23)                         | Chlordane-1     | 4.460  | 3.624  | 53864744 | 45031490 | 487.280 | 507.768  |
| 24)                         | Chlordane-2     | 4.988  | 4.197  | 59738169 | 56182022 | 501.780 | 500.987  |
| 25)                         | Chlordane-3     | 5.692  | 4.824  | 218.7E6  | 147.6E6  | 506.486 | 519.439  |
| 26)                         | Chlordane-4     | 5.773  | 4.884  | 263.0E6  | 152.3E6  | 505.935 | 510.222  |
| 27)                         | Chlordane-5     | 6.614  | 5.776  | 42583865 | 46316265 | 453.514 | 469.204  |
| -----                       |                 |        |        |          |          |         |          |

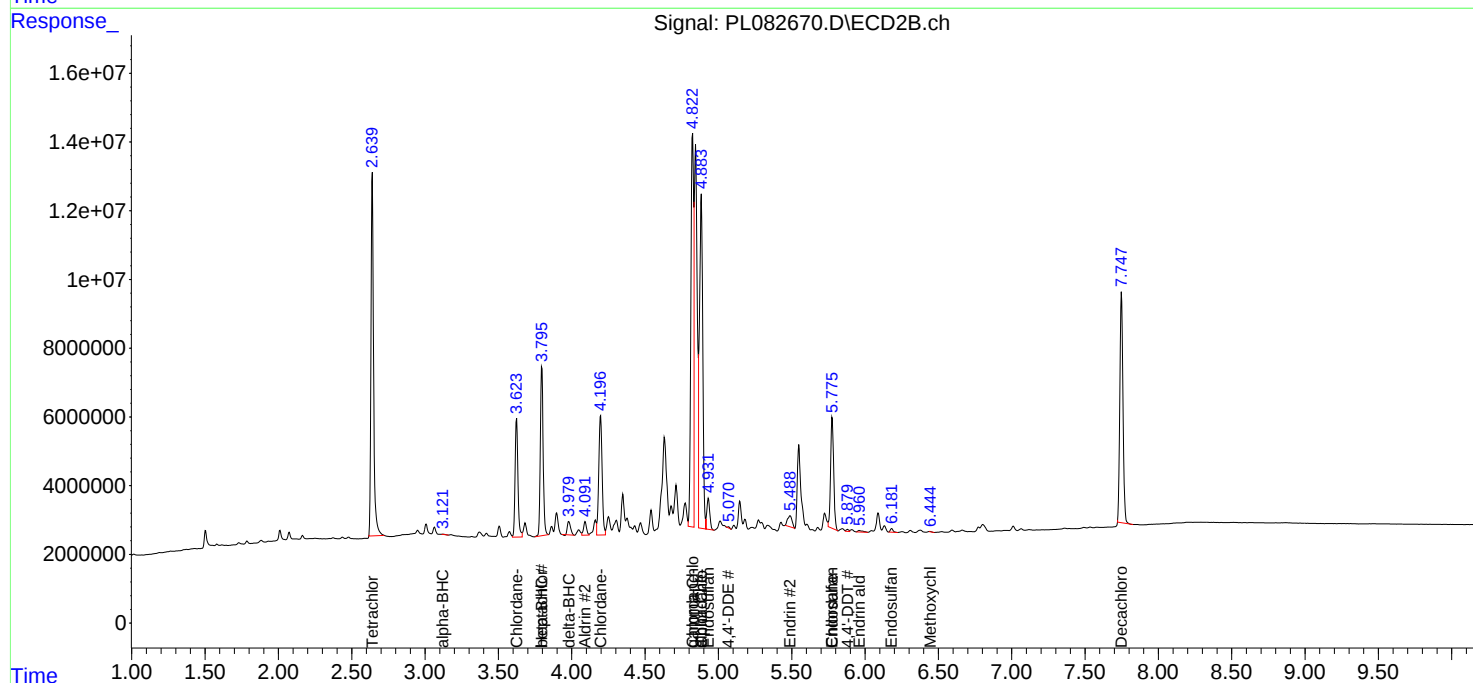
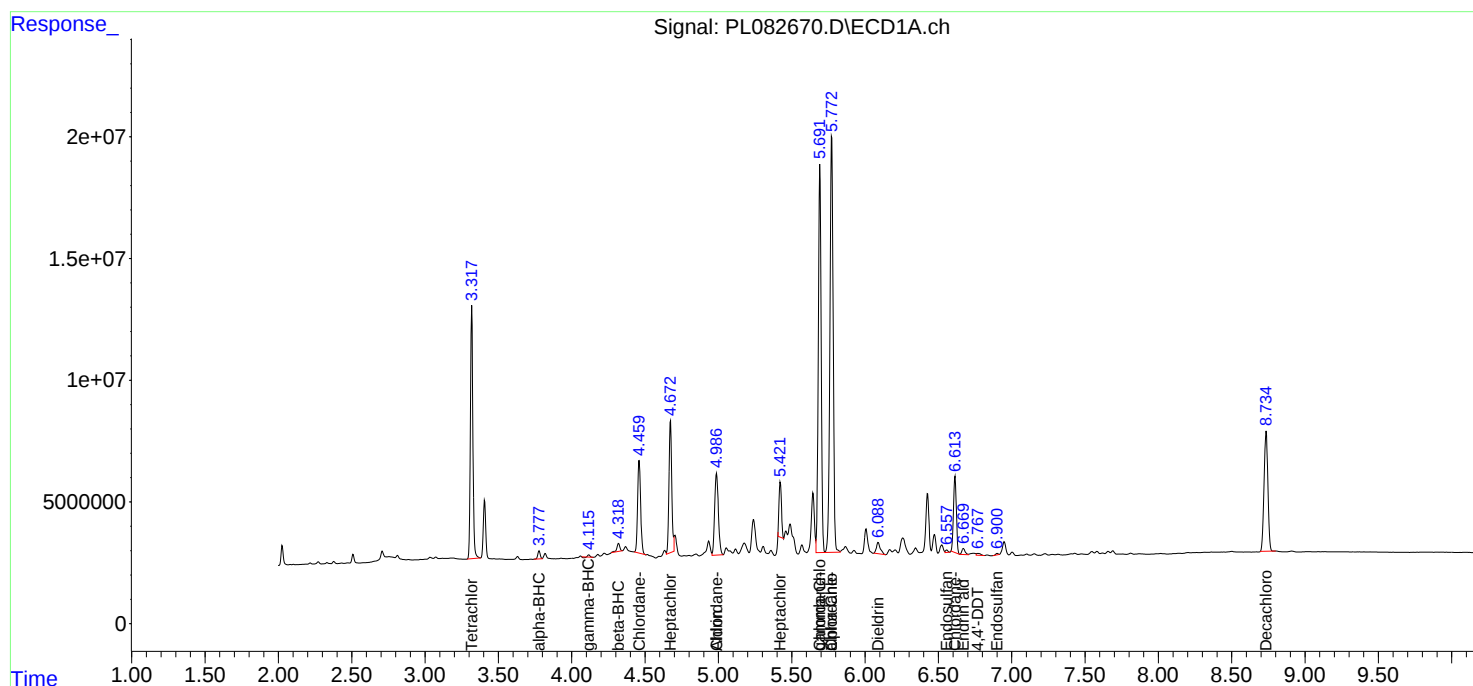
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

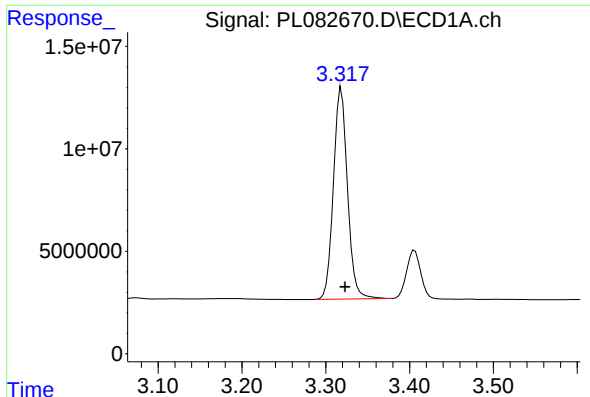
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051123\  
Data File : PL082670.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 May 2023 19:47  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 11 21:44:27 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

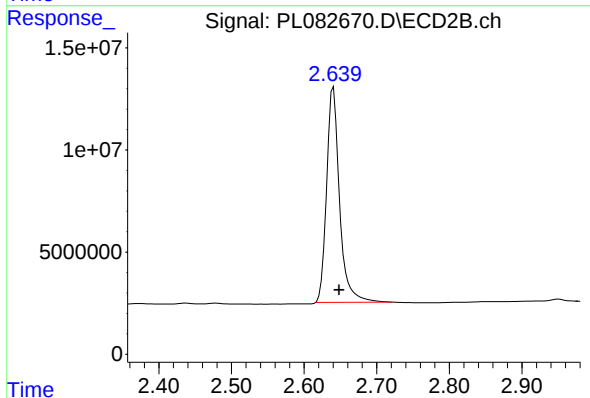




#1 Tetrachloro-m-xylene

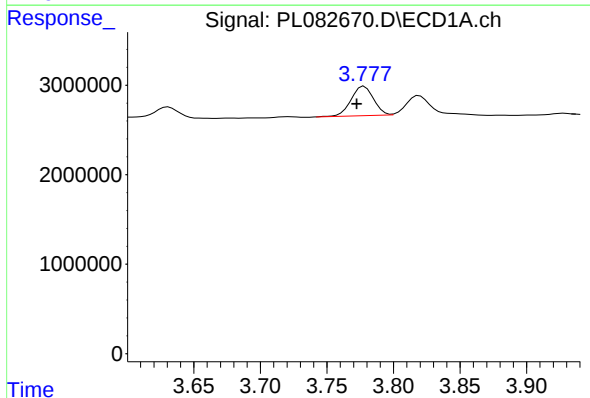
R.T.: 3.319 min  
Delta R.T.: -0.004 min  
Response: 119892958  
Conc: 44.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



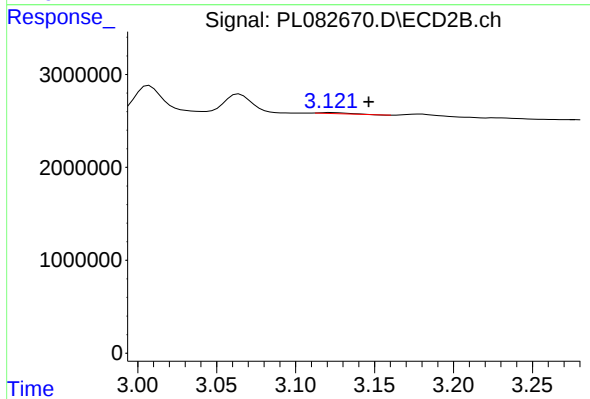
#1 Tetrachloro-m-xylene

R.T.: 2.640 min  
Delta R.T.: -0.008 min  
Response: 130782526  
Conc: 56.45 ng/ml



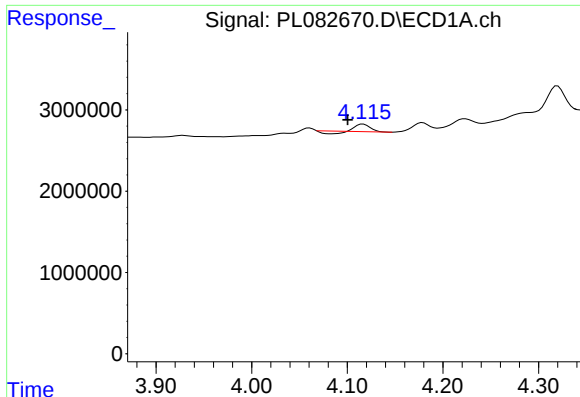
#2 alpha-BHC

R.T.: 3.778 min  
Delta R.T.: 0.006 min  
Response: 3850620  
Conc: 0.97 ng/ml



#2 alpha-BHC

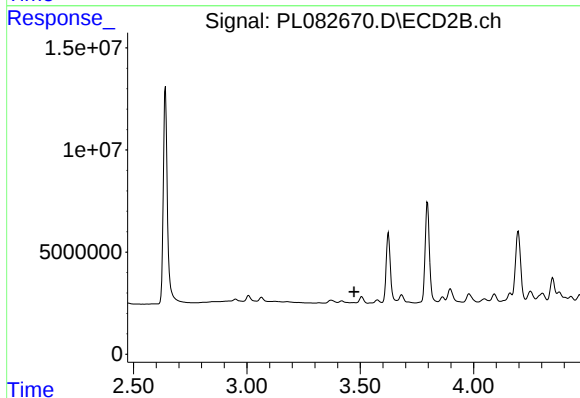
R.T.: 3.122 min  
Delta R.T.: -0.024 min  
Response: 154733  
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

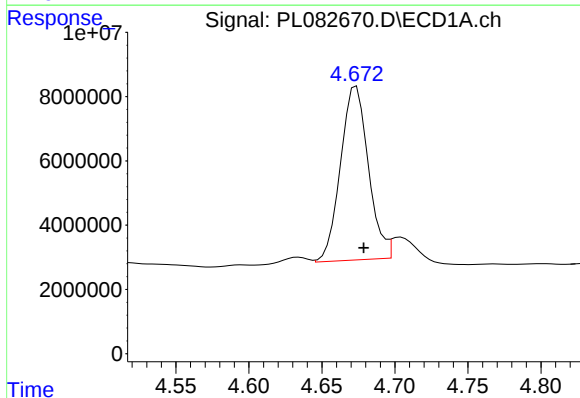
R.T.: 4.117 min  
Delta R.T.: 0.016 min  
Response: 629054  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



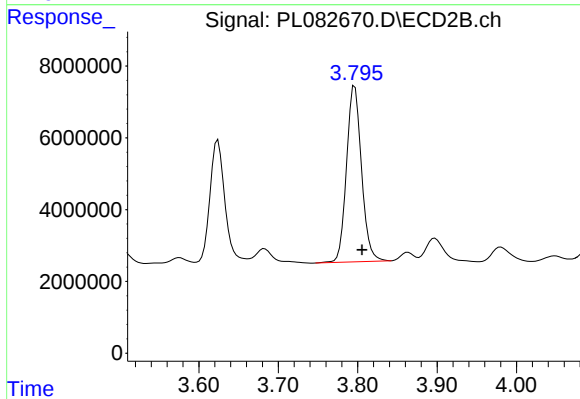
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.473 min  
Response: 0  
Conc: N.D.



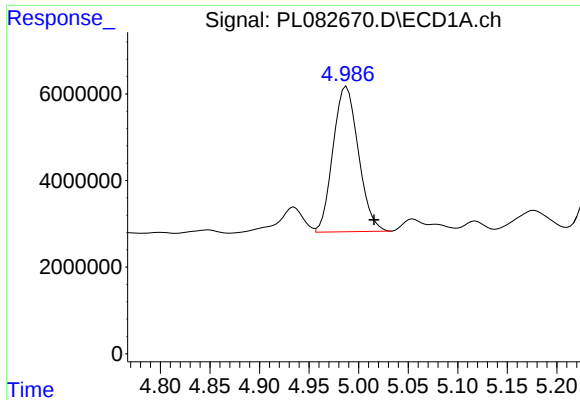
#4 Heptachlor

R.T.: 4.674 min  
Delta R.T.: -0.005 min  
Response: 71713913  
Conc: 19.63 ng/ml



#4 Heptachlor

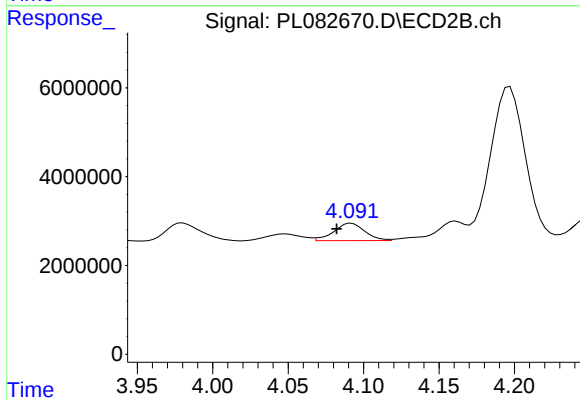
R.T.: 3.796 min  
Delta R.T.: -0.009 min  
Response: 64481170  
Conc: 18.84 ng/ml



#5 Aldrin

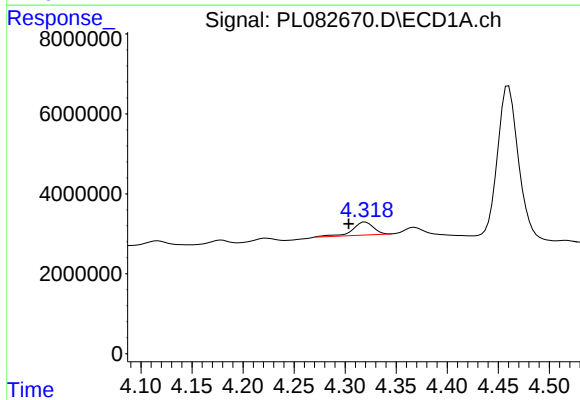
R.T.: 4.988 min  
Delta R.T.: -0.028 min  
Response: 59738169  
Conc: 18.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



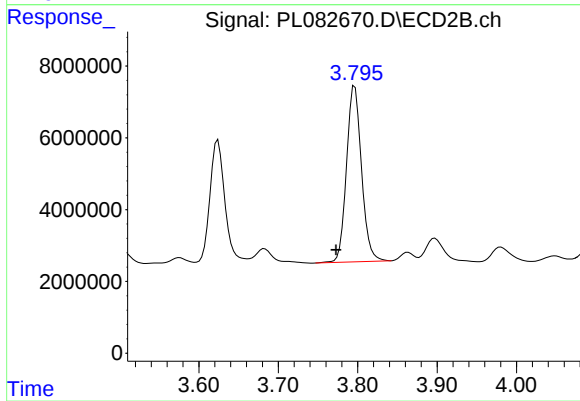
#5 Aldrin

R.T.: 4.092 min  
Delta R.T.: 0.010 min  
Response: 5617030  
Conc: 1.78 ng/ml



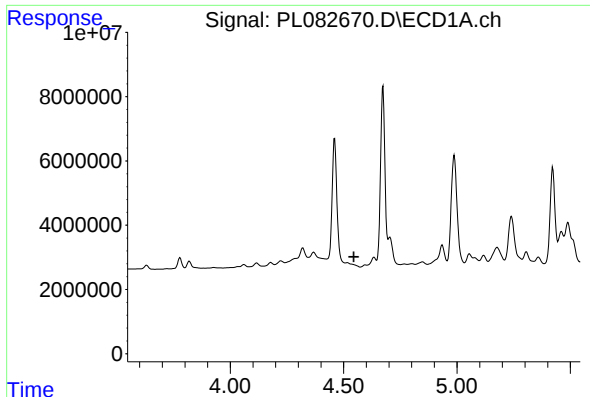
#6 beta-BHC

R.T.: 4.320 min  
Delta R.T.: 0.016 min  
Response: 4622905  
Conc: 2.71 ng/ml



#6 beta-BHC

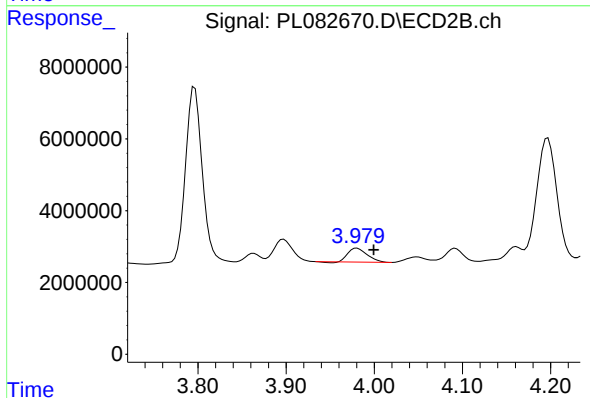
R.T.: 3.796 min  
Delta R.T.: 0.023 min  
Response: 64481170  
Conc: 47.26 ng/ml



#7 delta-BHC

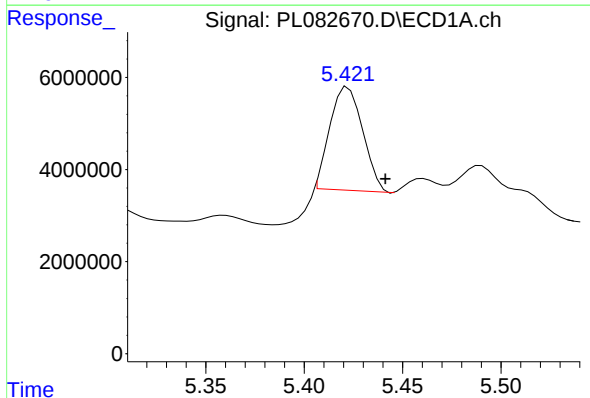
R.T.: 0.000 min  
Exp R.T.: 4.545 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



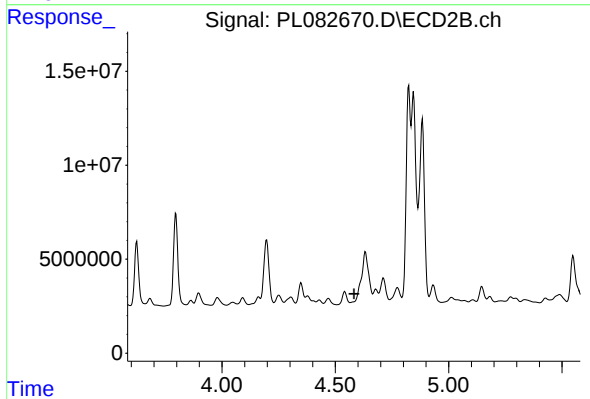
#7 delta-BHC

R.T.: 3.980 min  
Delta R.T.: -0.019 min  
Response: 5855662  
Conc: 1.91 ng/ml



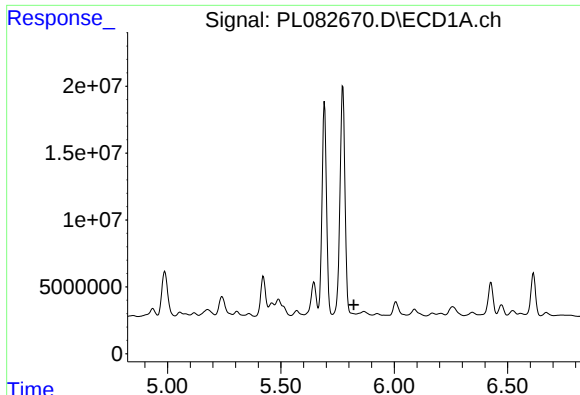
#8 Heptachlor epoxide

R.T.: 5.422 min  
Delta R.T.: -0.019 min  
Response: 25972342  
Conc: 8.51 ng/ml



#8 Heptachlor epoxide

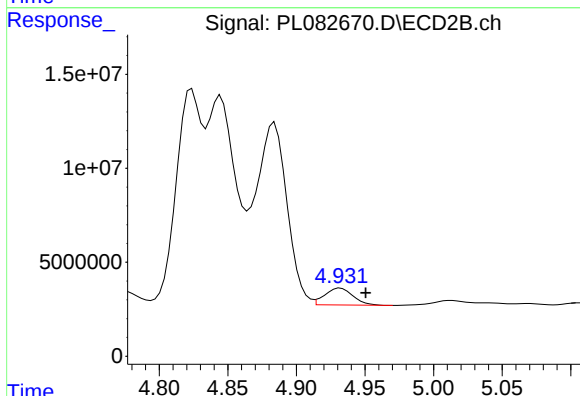
R.T.: 0.000 min  
Exp R.T.: 4.583 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

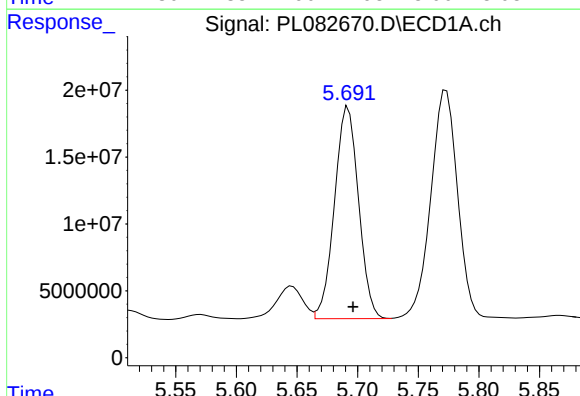
R.T.: 0.000 min  
Exp R.T.: 5.822 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



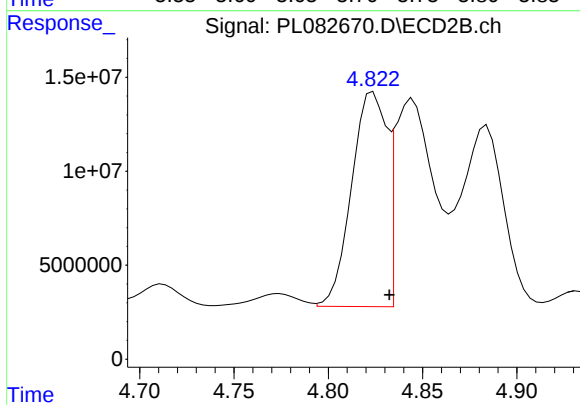
#9 Endosulfan I

R.T.: 4.932 min  
Delta R.T.: -0.018 min  
Response: 12806703  
Conc: 4.80 ng/ml



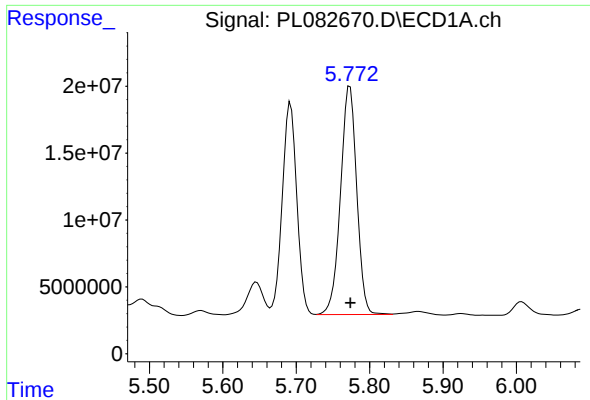
#10 gamma-Chlordane

R.T.: 5.692 min  
Delta R.T.: -0.004 min  
Response: 218651862  
Conc: 72.72 ng/ml



#10 gamma-Chlordane

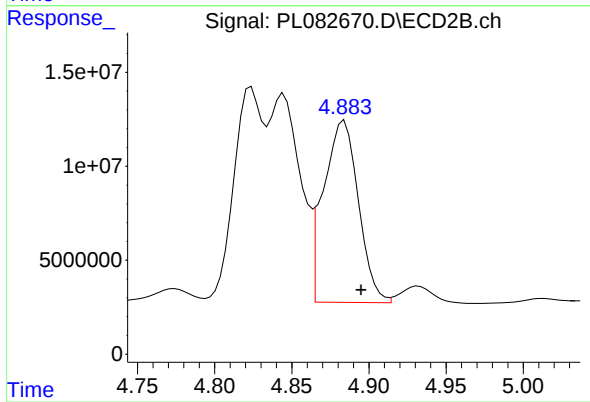
R.T.: 4.824 min  
Delta R.T.: -0.009 min  
Response: 147577731  
Conc: 50.86 ng/ml



#11 alpha-Chlordane

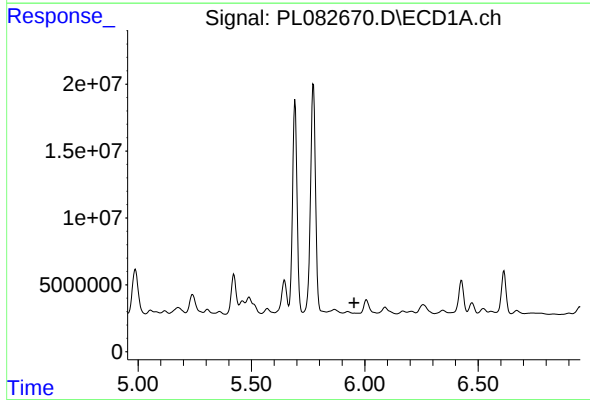
R.T.: 5.773 min  
Delta R.T.: 0.000 min  
Response: 263043001  
Conc: 88.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



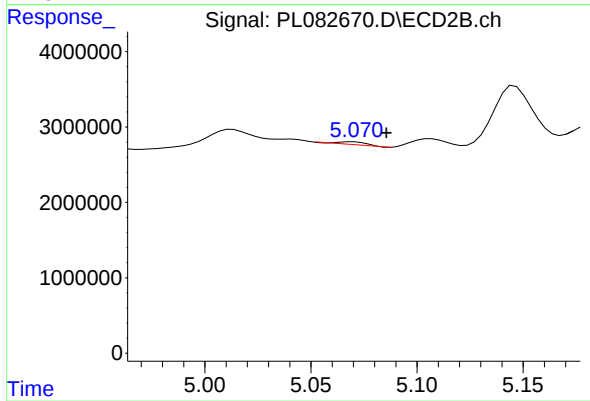
#11 alpha-Chlordane

R.T.: 4.884 min  
Delta R.T.: -0.011 min  
Response: 152253561  
Conc: 52.45 ng/ml



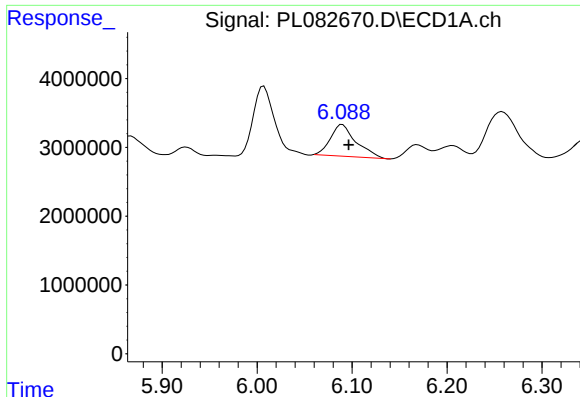
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 5.952 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

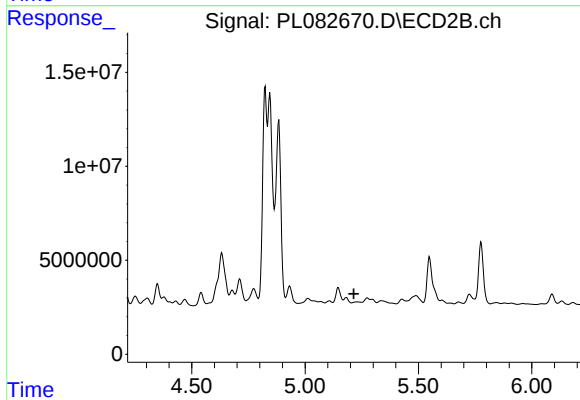
R.T.: 5.069 min  
Delta R.T.: -0.016 min  
Response: 340173  
Conc: 0.15 ng/ml



#13 Dieldrin

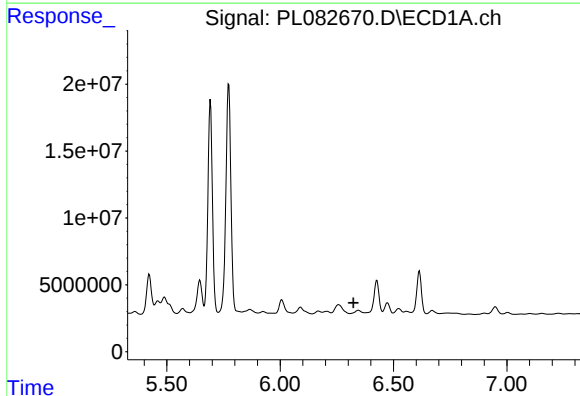
R.T.: 6.090 min  
Delta R.T.: -0.007 min  
Response: 8593131  
Conc: 3.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



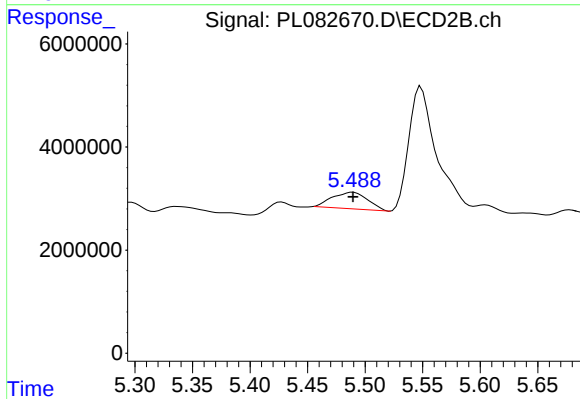
#13 Dieldrin

R.T.: 5.230 min  
Delta R.T.: 0.015 min  
Response: -3079644  
Conc: N.D.



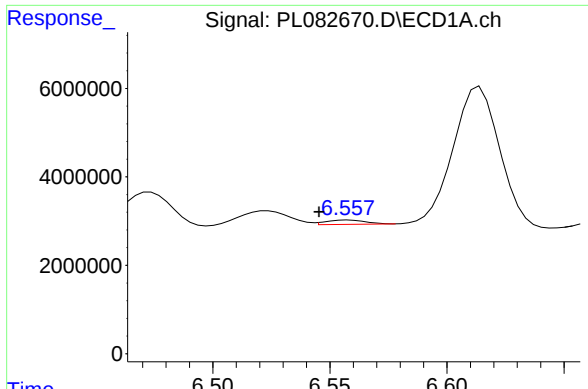
#14 Endrin

R.T.: 6.345 min  
Delta R.T.: 0.021 min  
Response: -481132  
Conc: N.D.



#14 Endrin

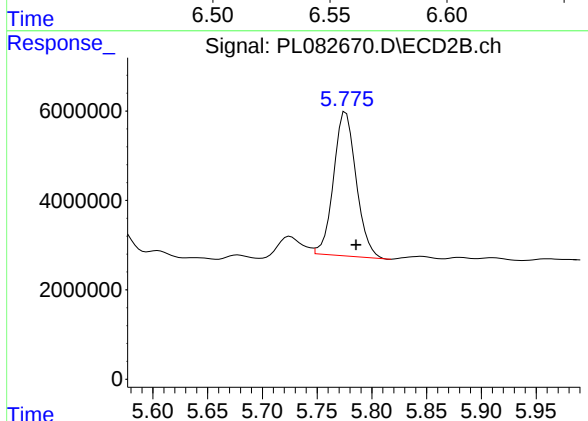
R.T.: 5.490 min  
Delta R.T.: 0.000 min  
Response: 6896121  
Conc: 2.82 ng/ml



#15 Endosulfan II

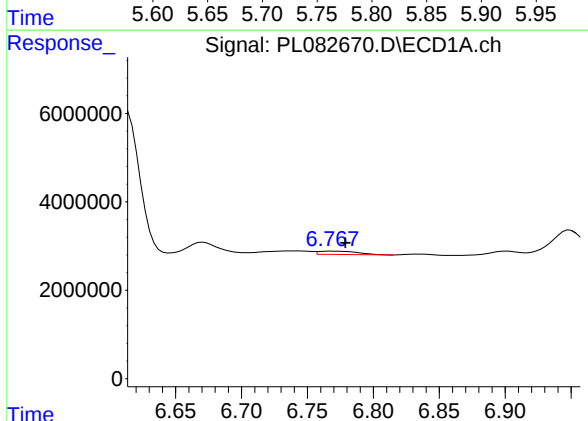
R.T.: 6.558 min  
Delta R.T.: 0.013 min  
Response: 1148614  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



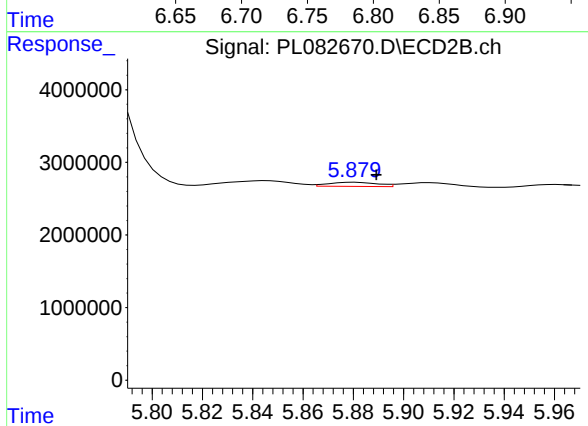
#15 Endosulfan II

R.T.: 5.776 min  
Delta R.T.: -0.009 min  
Response: 46316265  
Conc: 20.55 ng/ml



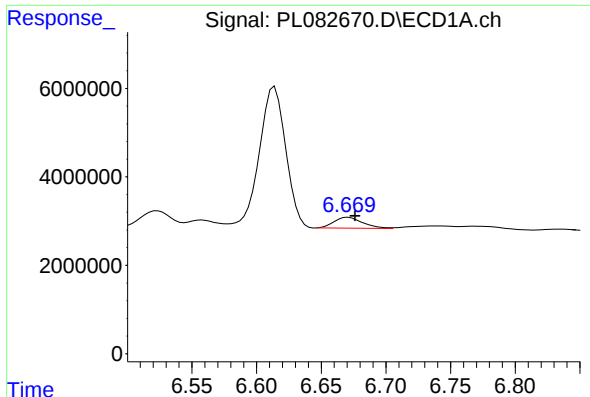
#17 4,4'-DDT

R.T.: 6.768 min  
Delta R.T.: -0.011 min  
Response: 1535588  
Conc: 0.67 ng/ml



#17 4,4'-DDT

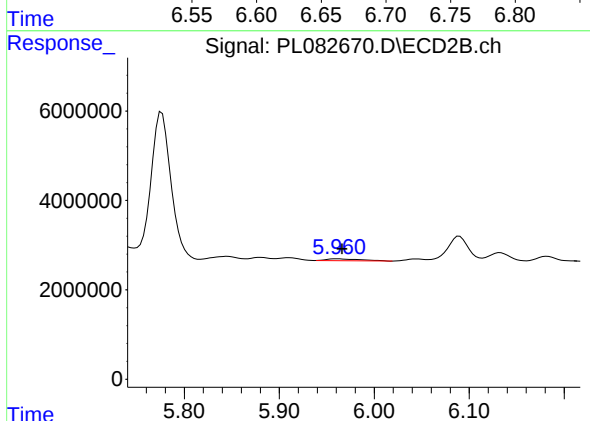
R.T.: 5.881 min  
Delta R.T.: -0.008 min  
Response: 764594  
Conc: 0.36 ng/ml



#18 Endrin aldehyde

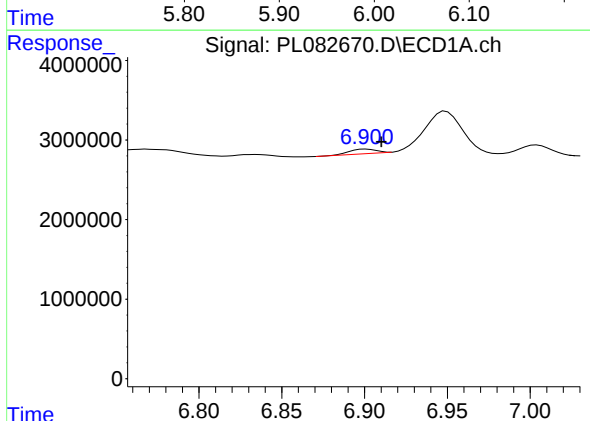
R.T.: 6.671 min  
Delta R.T.: -0.005 min  
Response: 3797405  
Conc: 2.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



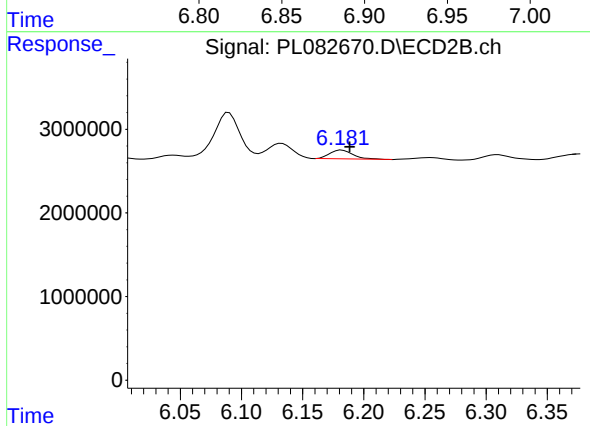
#18 Endrin aldehyde

R.T.: 5.961 min  
Delta R.T.: -0.006 min  
Response: 1033076  
Conc: 0.55 ng/ml



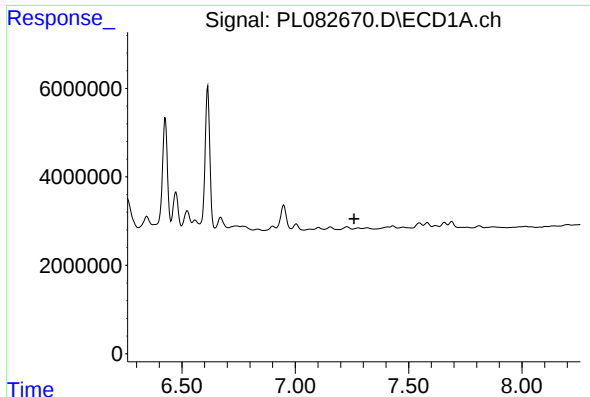
#19 Endosulfan Sulfate

R.T.: 6.901 min  
Delta R.T.: -0.009 min  
Response: 663684  
Conc: 0.28 ng/ml



#19 Endosulfan Sulfate

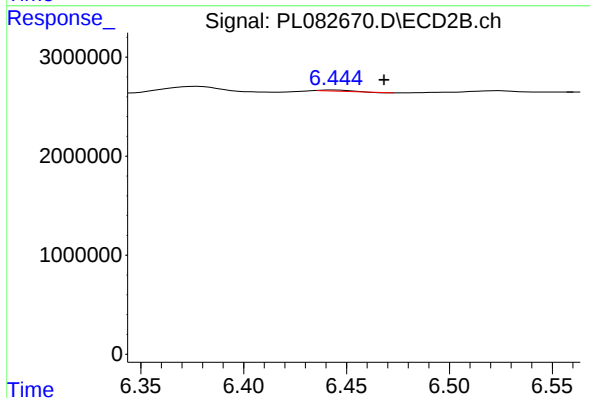
R.T.: 6.182 min  
Delta R.T.: -0.006 min  
Response: 1403391  
Conc: 0.60 ng/ml



#20 Methoxychlor

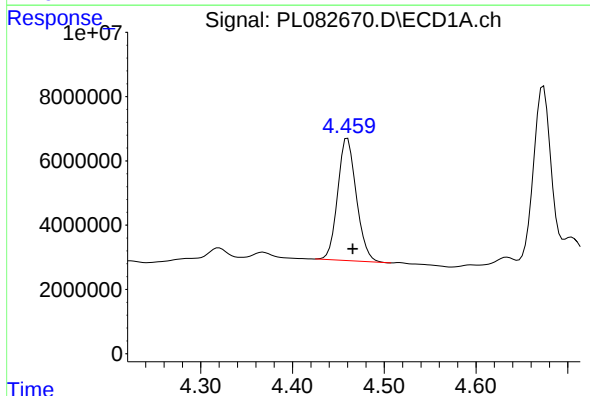
R.T.: 7.278 min  
Delta R.T.: 0.018 min  
Response: -490414  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



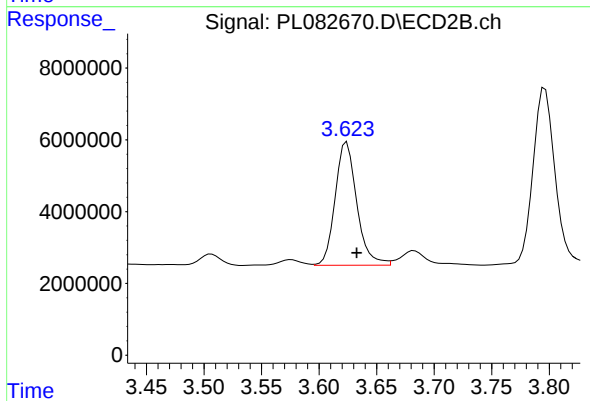
#20 Methoxychlor

R.T.: 6.444 min  
Delta R.T.: -0.025 min  
Response: 106788  
Conc: 0.09 ng/ml



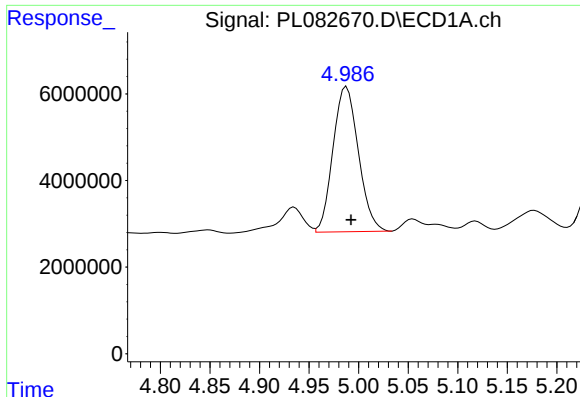
#23 Chlordane-1

R.T.: 4.460 min  
Delta R.T.: -0.005 min  
Response: 53864744  
Conc: 487.28 ng/ml



#23 Chlordane-1

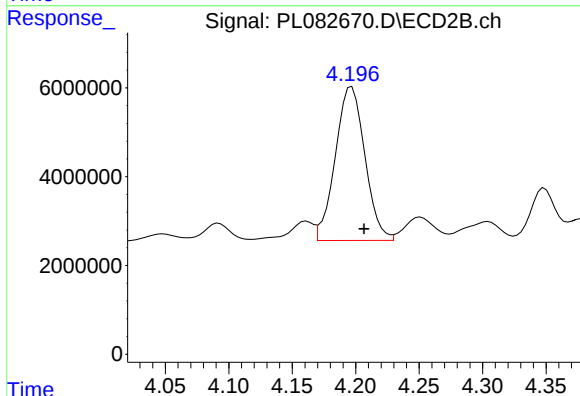
R.T.: 3.624 min  
Delta R.T.: -0.009 min  
Response: 45031490  
Conc: 507.77 ng/ml



#24 Chlordane-2

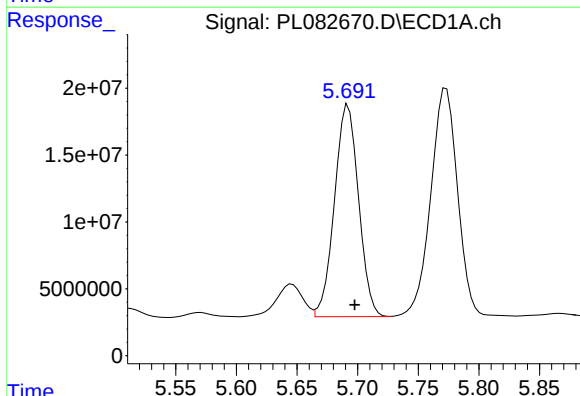
R.T.: 4.988 min  
Delta R.T.: -0.005 min  
Response: 59738169  
Conc: 501.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



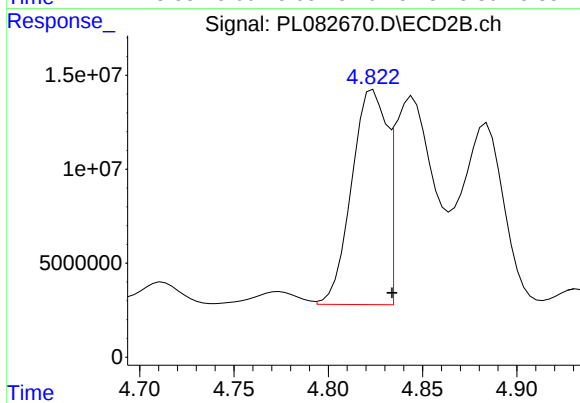
#24 Chlordane-2

R.T.: 4.197 min  
Delta R.T.: -0.010 min  
Response: 56182022  
Conc: 500.99 ng/ml



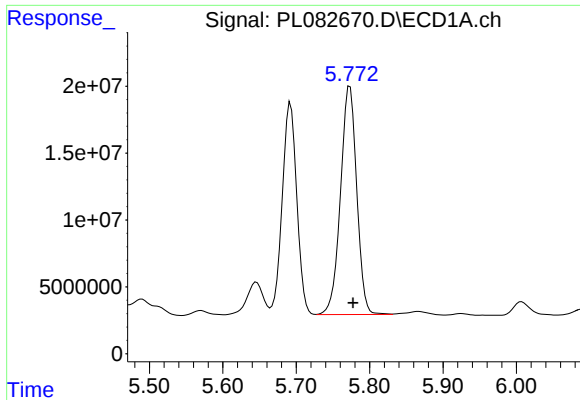
#25 Chlordane-3

R.T.: 5.692 min  
Delta R.T.: -0.005 min  
Response: 218651862  
Conc: 506.49 ng/ml



#25 Chlordane-3

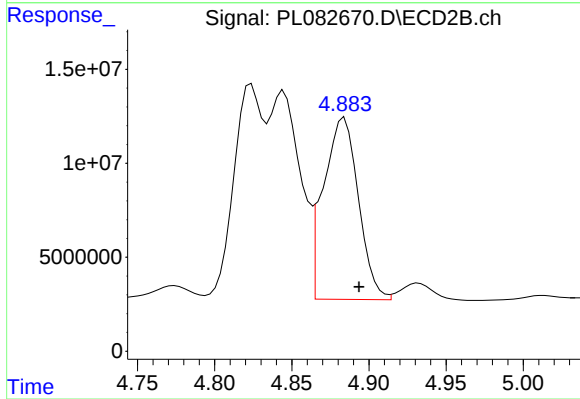
R.T.: 4.824 min  
Delta R.T.: -0.010 min  
Response: 147577731  
Conc: 519.44 ng/ml



#26 Chlordane-4

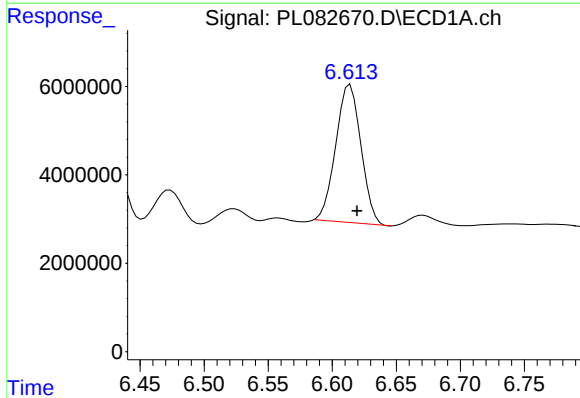
R.T.: 5.773 min  
Delta R.T.: -0.005 min  
Response: 263043001  
Conc: 505.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



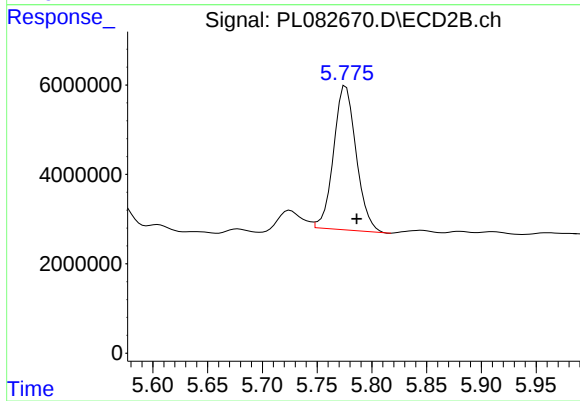
#26 Chlordane-4

R.T.: 4.884 min  
Delta R.T.: -0.009 min  
Response: 152253561  
Conc: 510.22 ng/ml



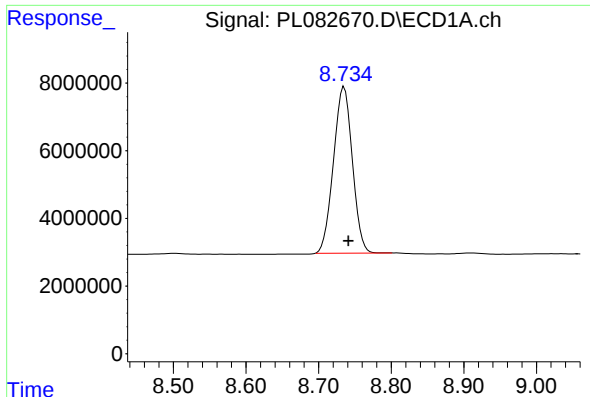
#27 Chlordane-5

R.T.: 6.614 min  
Delta R.T.: -0.005 min  
Response: 42583865  
Conc: 453.51 ng/ml



#27 Chlordane-5

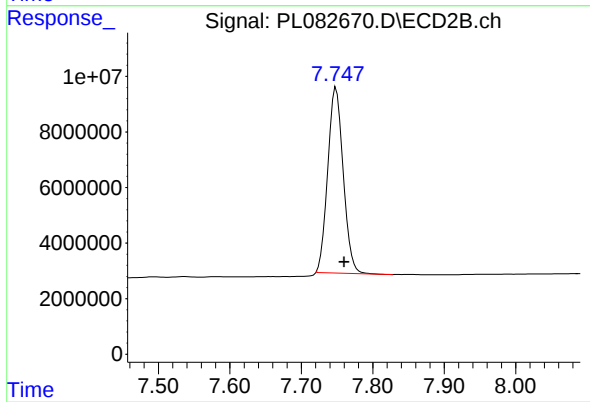
R.T.: 5.776 min  
Delta R.T.: -0.010 min  
Response: 46316265  
Conc: 469.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.735 min  
Delta R.T.: -0.006 min  
Response: 88835353  
Conc: 46.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.749 min  
Delta R.T.: -0.011 min  
Response: 100585832  
Conc: 44.07 ng/ml