

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051923\  
 Data File : PL082805.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2023 12:48  
 Operator : AR\AJ  
 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: May 20 05:01:15 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 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... | 3.318  | 2.639  | 46641571 | 40383680 | 15.870  | 15.556  |
| 28)                         | SA Decachlor... | 8.733  | 7.744  | 34288657 | 40234770 | 16.349  | 16.181  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.766  | 3.135  | 31195642 | 26117700 | 7.027   | 6.999   |
| 3)                          | MA gamma-BHC... | 4.095  | 3.462  | 30960359 | 23070361 | 7.473   | 6.921   |
| 5)                          | MB Aldrin       | 0.000  | 4.051f | 0        | 96335    | N.D.    | 0.030 # |
| 6)                          | B beta-BHC      | 4.298  | 3.762  | 15563763 | 12442431 | 8.267   | 8.700   |
| 7)                          | B delta-BHC     | 0.000  | 3.985  | 0        | 140704   | N.D.    | 0.043 # |
| 8)                          | B Heptachlo...  | 0.000  | 4.573  | 0        | 6223     | N.D.    | 0.002 # |
| 9)                          | A Endosulfan I  | 5.794f | 4.938  | 1223663  | 78480    | 0.408   | 0.028 # |
| 10)                         | B gamma-Chl...  | 5.673f | 4.831  | 1973318  | 721512   | 0.621   | 0.240 # |
| 11)                         | B alpha-Chl...  | 5.778  | 4.874  | 1083772  | 129231   | 0.338   | 0.043 # |
| 12)                         | B 4,4'-DDE      | 5.939  | 5.077  | 254183   | 110812   | 0.092   | 0.046 # |
| 13)                         | MA Dieldrin     | 6.091  | 5.206  | 285322   | 82230    | 0.095   | 0.029 # |
| 14)                         | MA Endrin       | 6.317  | 5.475  | 95263035 | 90439646 | 35.450  | 35.649  |
| 15)                         | B Endosulfa...  | 6.525  | 0.000  | 18459409 | 0        | 2.968   | N.D. #  |
| 16)                         | A 4,4'-DDD      | 6.466  | 5.628  | 139629   | 113665   | 0.064   | 0.059   |
| 17)                         | MA 4,4'-DDT     | 6.773  | 5.874  | 190.1E6  | 178.6E6  | 75.950  | 80.044  |
| 18)                         | B Endrin al...  | 6.669  | 5.954  | 2348145  | 4848993  | 1.168   | 2.452 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.171  | 0        | 470545   | N.D.    | 0.192 # |
| 20)                         | A Methoxychlor  | 7.253  | 6.453  | 250.7E6  | 244.8E6  | 189.596 | 192.519 |
| 21)                         | B Endrin ke...  | 7.382  | 6.678  | 2573883  | 3949292  | 1.009   | 1.461 # |
| 23)                         | Chlordane-1     | 0.000  | 3.601f | 0        | 27285    | N.D.    | 0.331 # |
| 25)                         | Chlordane-3     | 5.673f | 4.831  | 1973318  | 721512   | 4.756   | 2.707 # |
| 26)                         | Chlordane-4     | 5.778  | 4.874  | 1083772  | 129231   | 2.140   | 0.459 # |
| -----                       |                 |        |        |          |          |         |         |

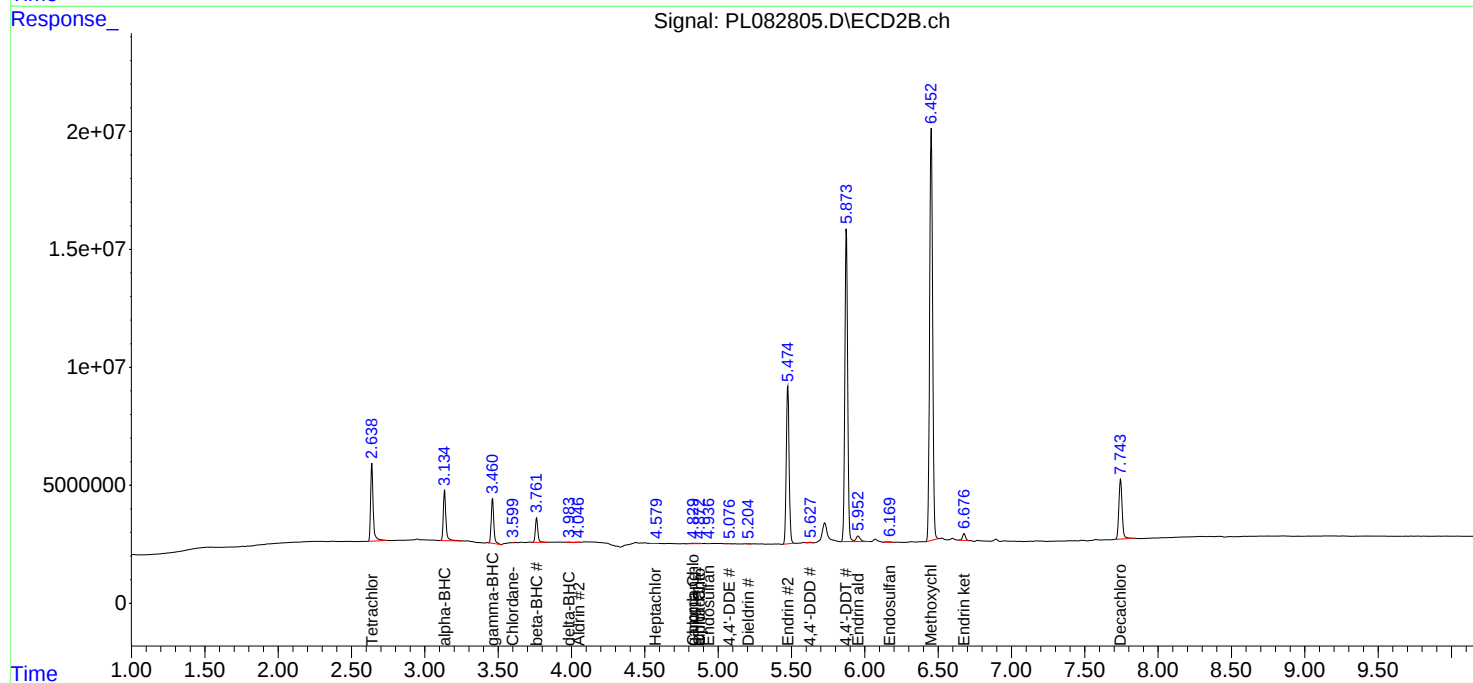
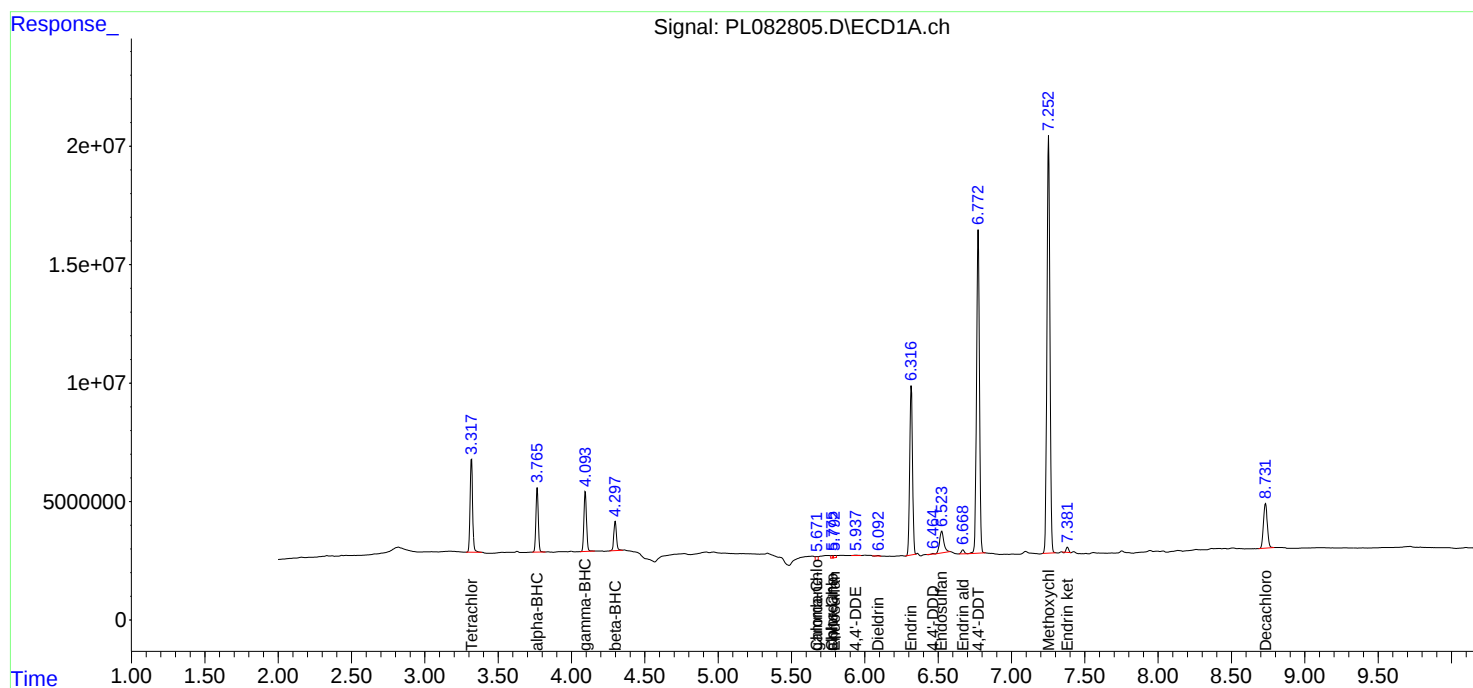
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

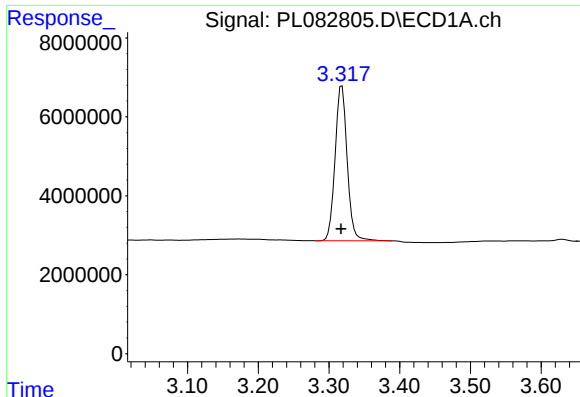
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051923\  
Data File : PL082805.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2023 12:48  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 05:01:15 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 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

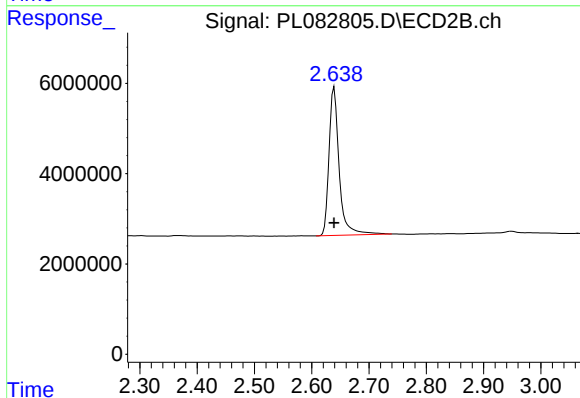




#1 Tetrachloro-m-xylene

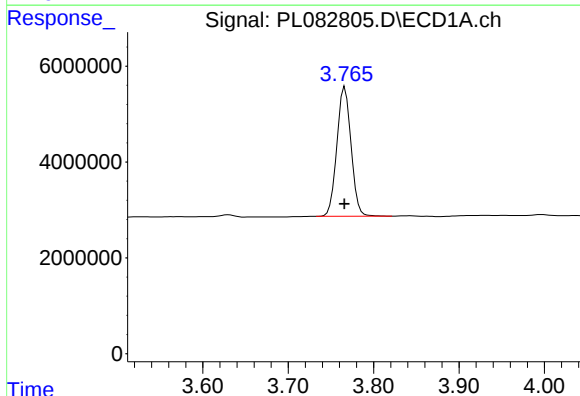
R.T.: 3.318 min  
Delta R.T.: 0.001 min  
Response: 46641571  
Conc: 15.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



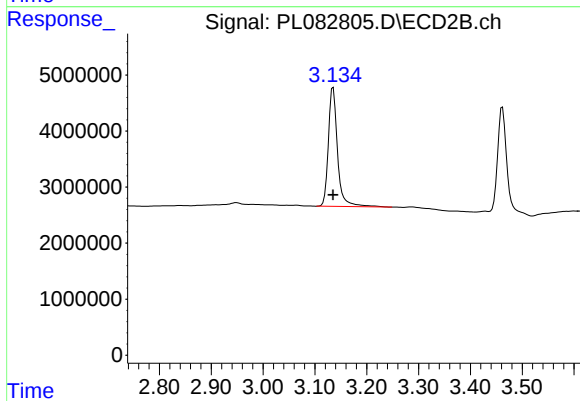
#1 Tetrachloro-m-xylene

R.T.: 2.639 min  
Delta R.T.: 0.000 min  
Response: 40383680  
Conc: 15.56 ng/ml



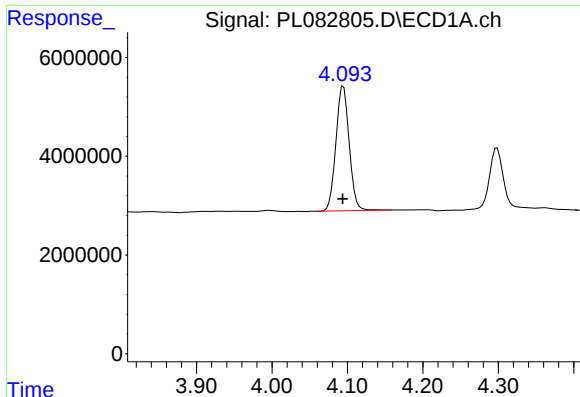
#2 alpha-BHC

R.T.: 3.766 min  
Delta R.T.: 0.000 min  
Response: 31195642  
Conc: 7.03 ng/ml



#2 alpha-BHC

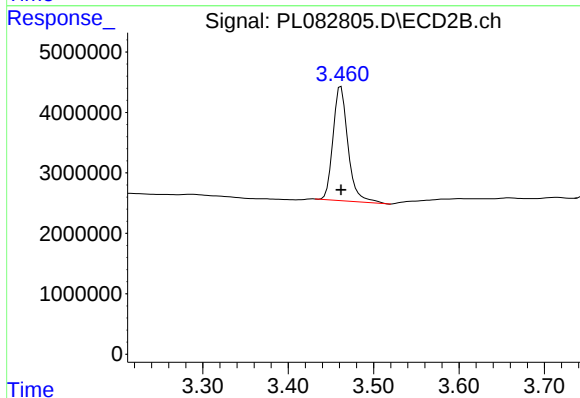
R.T.: 3.135 min  
Delta R.T.: 0.000 min  
Response: 26117700  
Conc: 7.00 ng/ml



#3 gamma-BHC (Lindane)

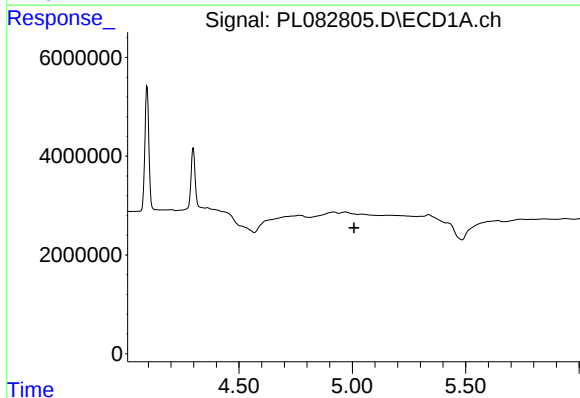
R.T.: 4.095 min  
Delta R.T.: 0.001 min  
Response: 30960359  
Conc: 7.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



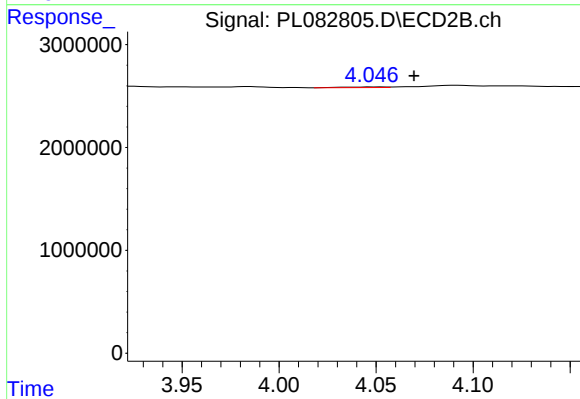
#3 gamma-BHC (Lindane)

R.T.: 3.462 min  
Delta R.T.: 0.000 min  
Response: 23070361  
Conc: 6.92 ng/ml



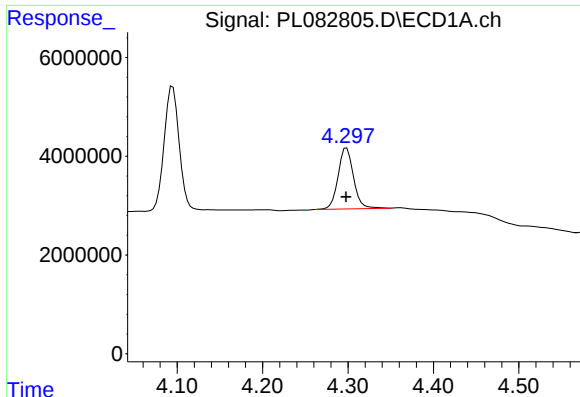
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.008 min  
Response: 0  
Conc: N.D.



#5 Aldrin

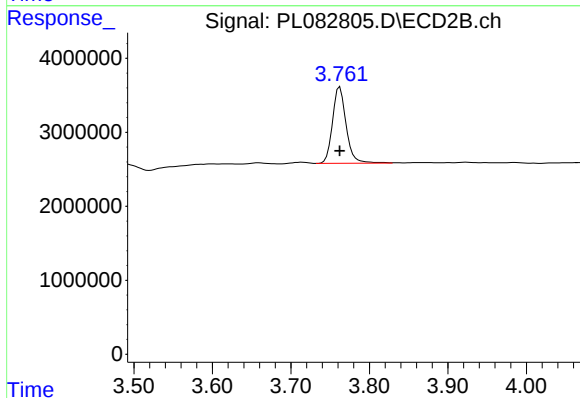
R.T.: 4.051 min  
Delta R.T.: -0.019 min  
Response: 96335  
Conc: 0.03 ng/ml



#6 beta-BHC

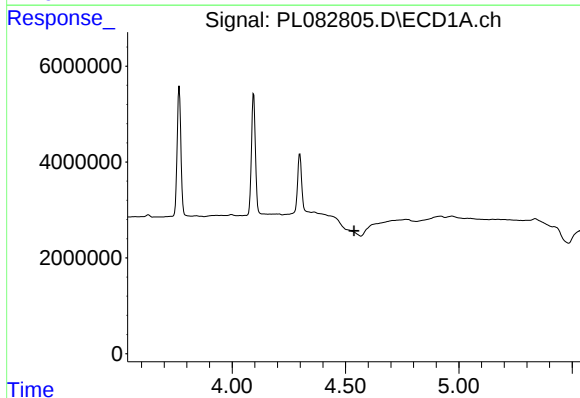
R.T.: 4.298 min  
Delta R.T.: 0.000 min  
Response: 15563763  
Conc: 8.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



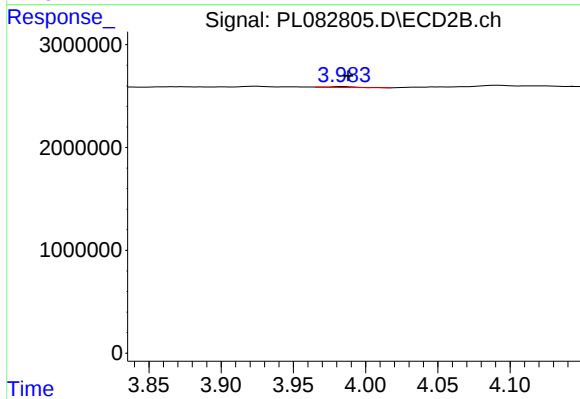
#6 beta-BHC

R.T.: 3.762 min  
Delta R.T.: 0.000 min  
Response: 12442431  
Conc: 8.70 ng/ml



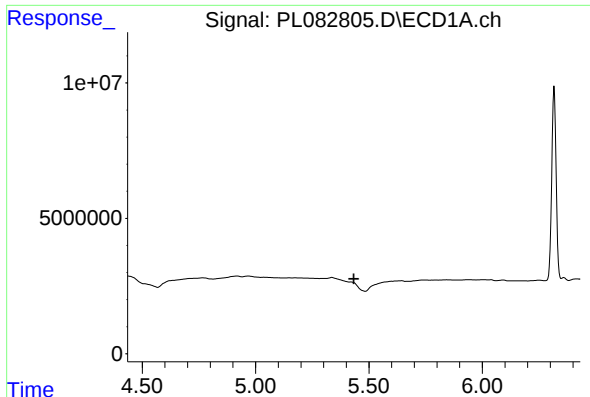
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.538 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

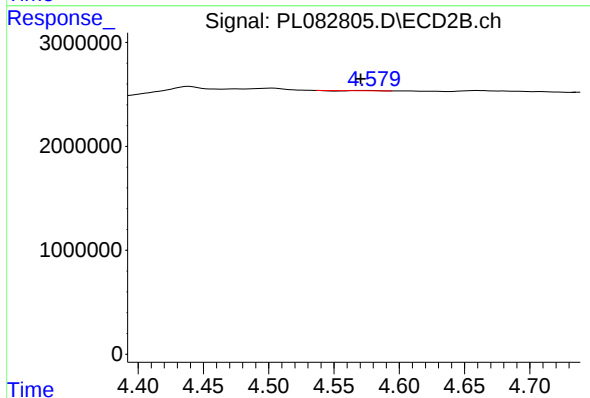
R.T.: 3.985 min  
Delta R.T.: -0.003 min  
Response: 140704  
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

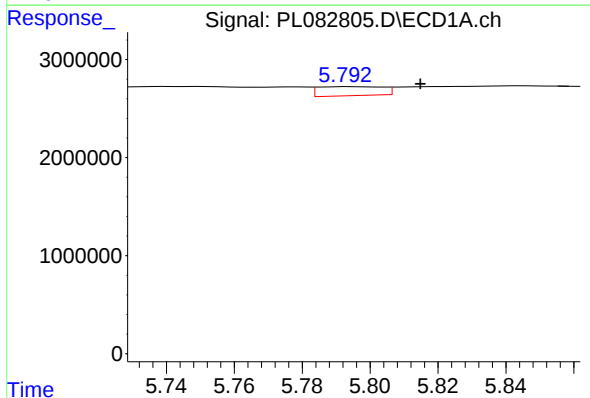
R.T.: 0.000 min  
Exp R.T.: 5.434 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



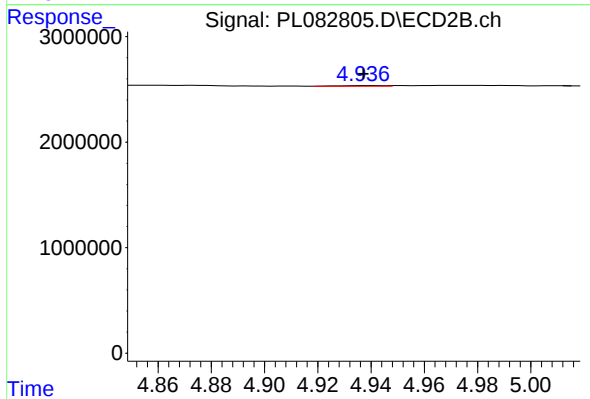
#8 Heptachlor epoxide

R.T.: 4.573 min  
Delta R.T.: 0.002 min  
Response: 6223  
Conc: 0.00 ng/ml



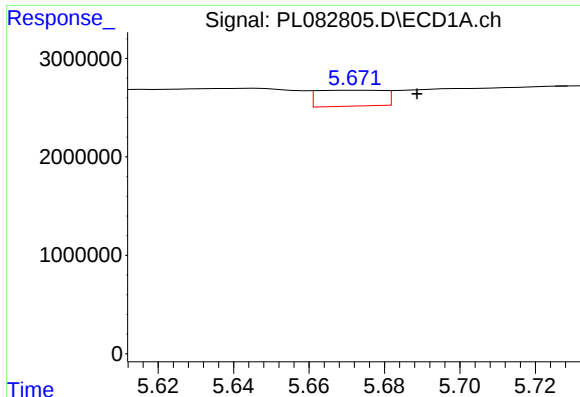
#9 Endosulfan I

R.T.: 5.794 min  
Delta R.T.: -0.021 min  
Response: 1223663  
Conc: 0.41 ng/ml



#9 Endosulfan I

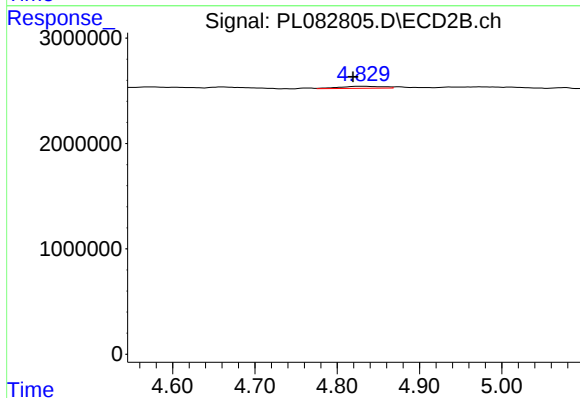
R.T.: 4.938 min  
Delta R.T.: 0.000 min  
Response: 78480  
Conc: 0.03 ng/ml



#10 gamma-Chlordane

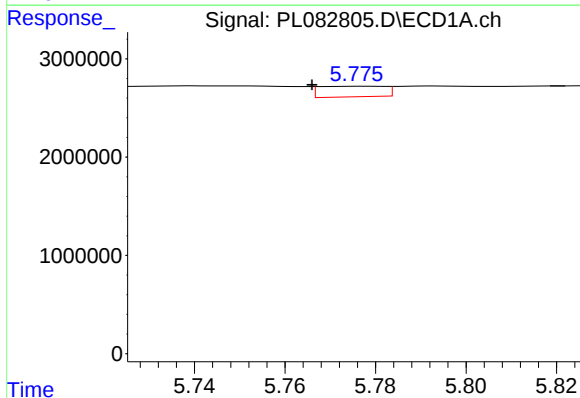
R.T.: 5.673 min  
Delta R.T.: -0.016 min  
Response: 1973318  
Conc: 0.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



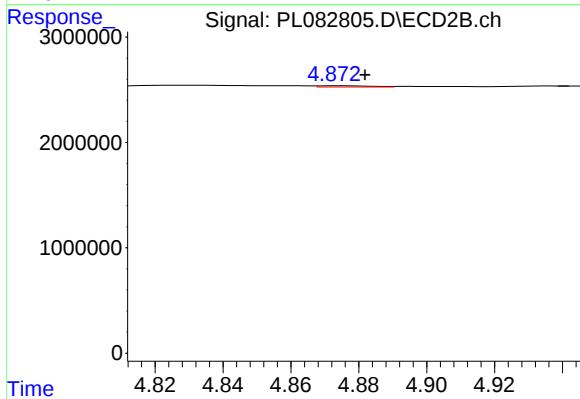
#10 gamma-Chlordane

R.T.: 4.831 min  
Delta R.T.: 0.012 min  
Response: 721512  
Conc: 0.24 ng/ml



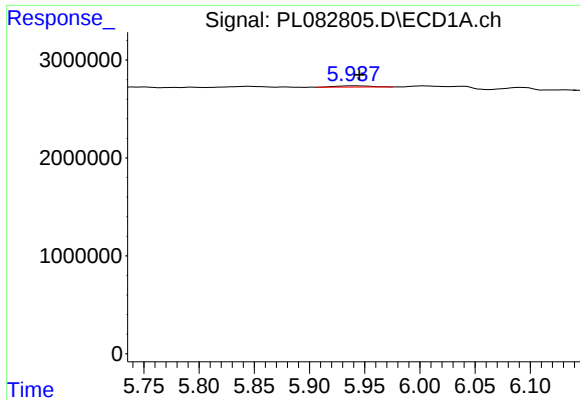
#11 alpha-Chlordane

R.T.: 5.778 min  
Delta R.T.: 0.012 min  
Response: 1083772  
Conc: 0.34 ng/ml



#11 alpha-Chlordane

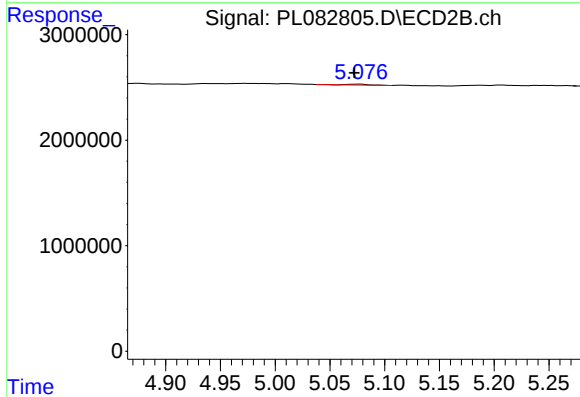
R.T.: 4.874 min  
Delta R.T.: -0.008 min  
Response: 129231  
Conc: 0.04 ng/ml



#12 4,4'-DDE

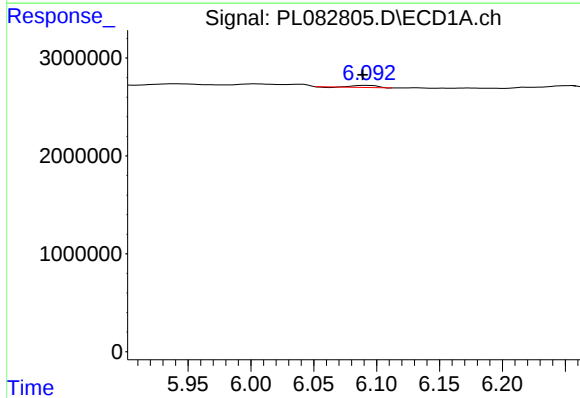
R.T.: 5.939 min  
Delta R.T.: -0.006 min  
Response: 254183  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



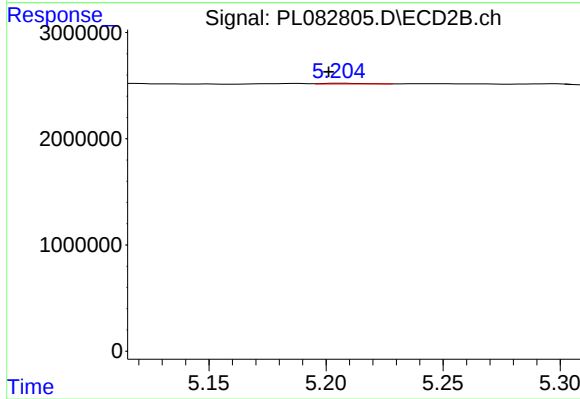
#12 4,4'-DDE

R.T.: 5.077 min  
Delta R.T.: 0.005 min  
Response: 110812  
Conc: 0.05 ng/ml



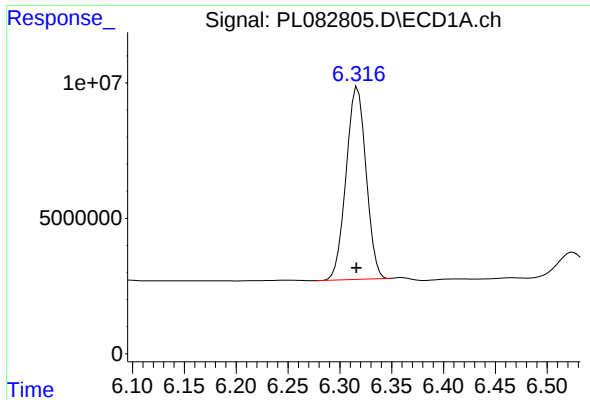
#13 Dieldrin

R.T.: 6.091 min  
Delta R.T.: 0.002 min  
Response: 285322  
Conc: 0.09 ng/ml



#13 Dieldrin

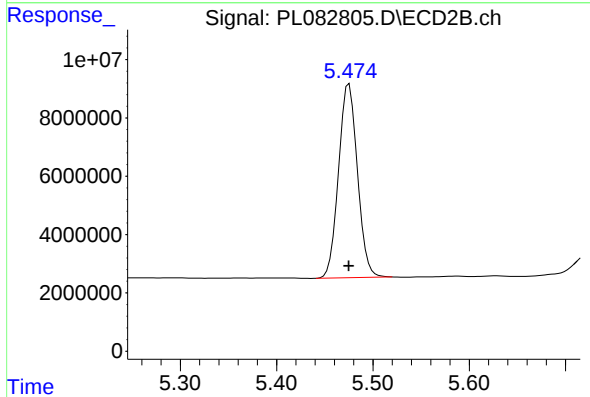
R.T.: 5.206 min  
Delta R.T.: 0.005 min  
Response: 82230  
Conc: 0.03 ng/ml



#14 Endrin

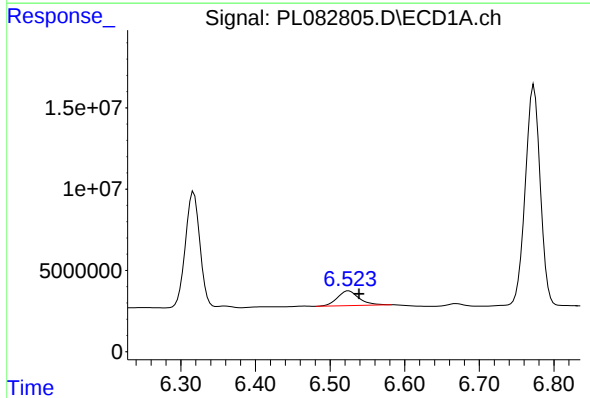
R.T.: 6.317 min  
Delta R.T.: 0.001 min  
Response: 95263035  
Conc: 35.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



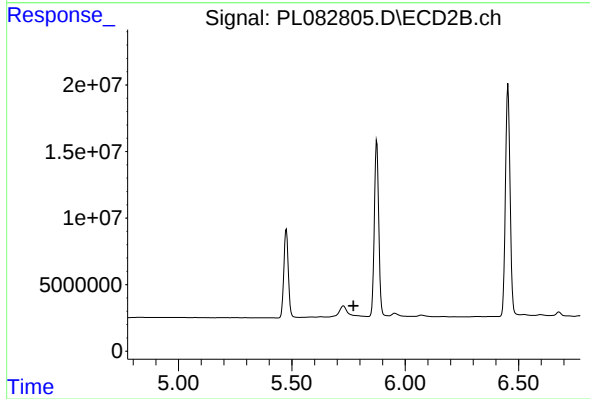
#14 Endrin

R.T.: 5.475 min  
Delta R.T.: 0.000 min  
Response: 90439646  
Conc: 35.65 ng/ml



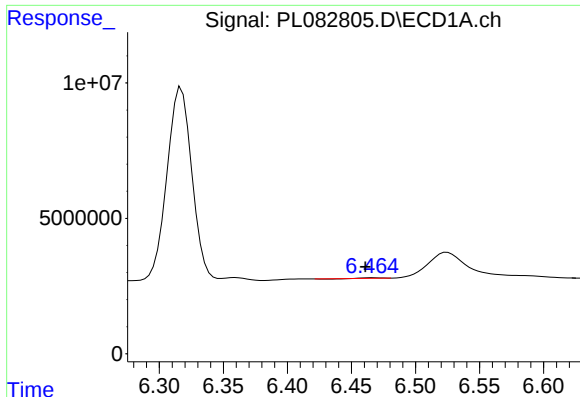
#15 Endosulfan II

R.T.: 6.525 min  
Delta R.T.: -0.014 min  
Response: 18459409  
Conc: 2.97 ng/ml



#15 Endosulfan II

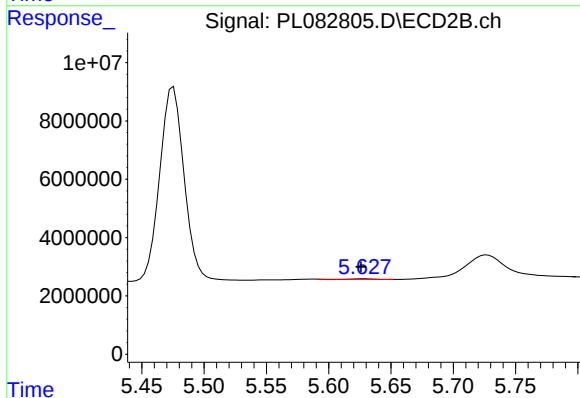
R.T.: 0.000 min  
Exp R.T. : 5.772 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

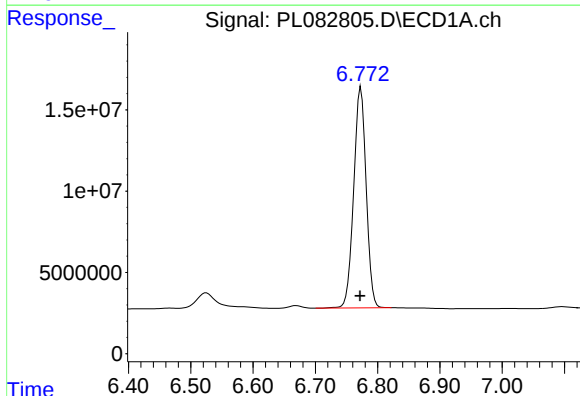
R.T.: 6.466 min  
Delta R.T.: 0.005 min  
Response: 139629  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



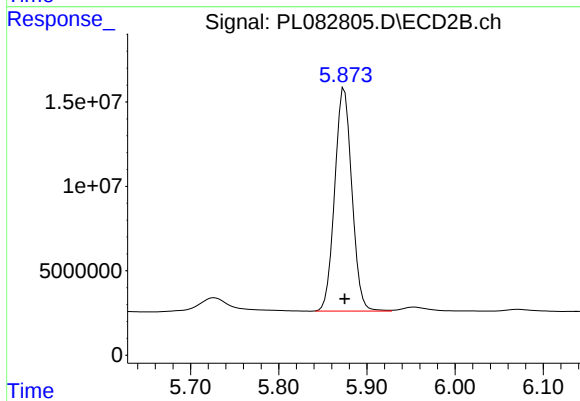
#16 4,4'-DDD

R.T.: 5.628 min  
Delta R.T.: 0.002 min  
Response: 113665  
Conc: 0.06 ng/ml



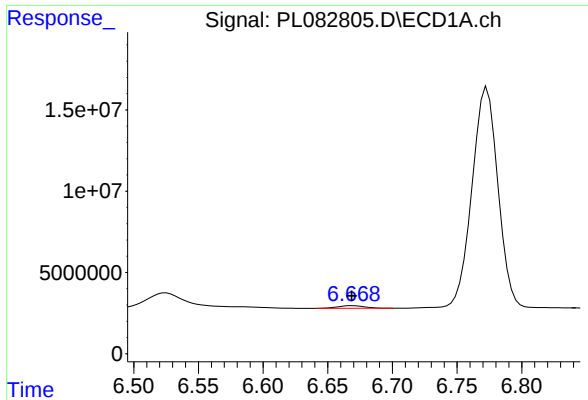
#17 4,4'-DDT

R.T.: 6.773 min  
Delta R.T.: 0.002 min  
Response: 190115938  
Conc: 75.95 ng/ml



#17 4,4'-DDT

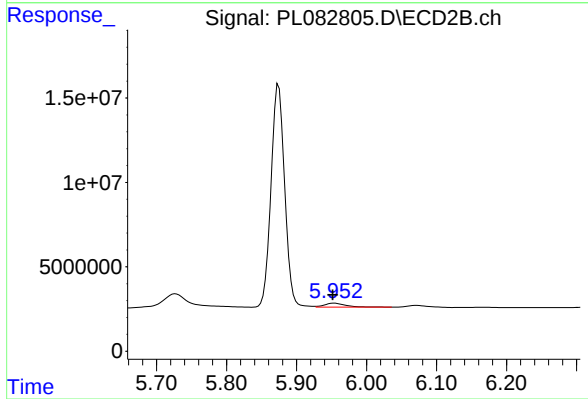
R.T.: 5.874 min  
Delta R.T.: 0.000 min  
Response: 178580186  
Conc: 80.04 ng/ml



#18 Endrin aldehyde

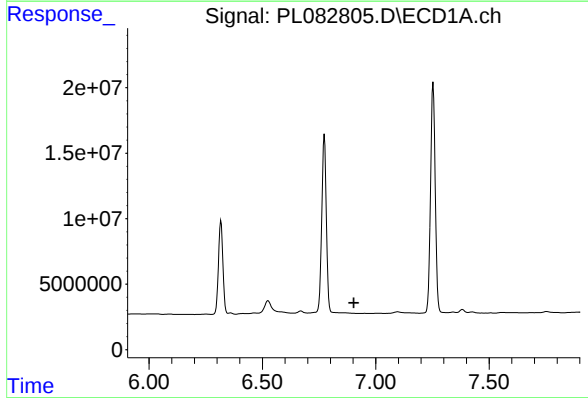
R.T.: 6.669 min  
Delta R.T.: 0.000 min  
Response: 2348145  
Conc: 1.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



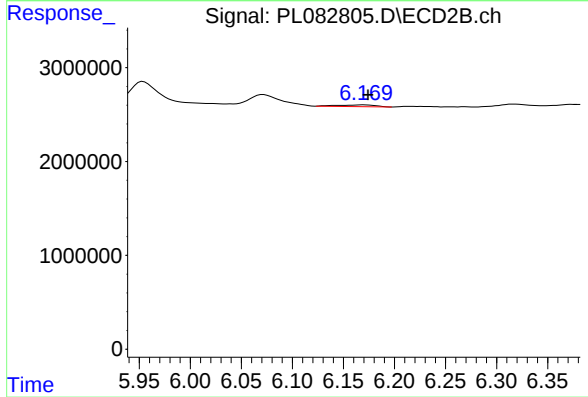
#18 Endrin aldehyde

R.T.: 5.954 min  
Delta R.T.: 0.002 min  
Response: 4848993  
Conc: 2.45 ng/ml



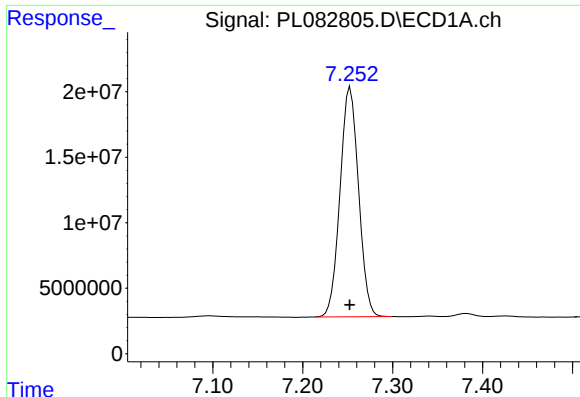
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 6.903 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

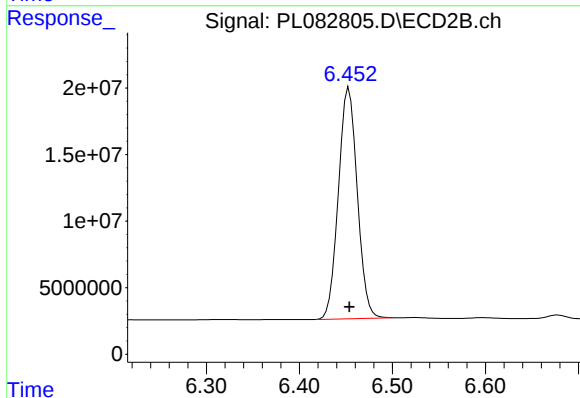
R.T.: 6.171 min  
Delta R.T.: -0.003 min  
Response: 470545  
Conc: 0.19 ng/ml



#20 Methoxychlor

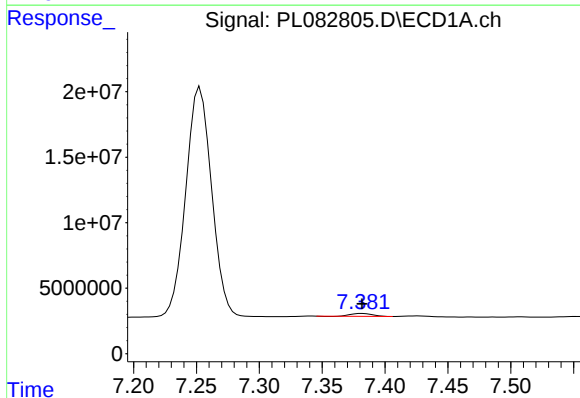
R.T.: 7.253 min  
Delta R.T.: 0.000 min  
Response: 250718410  
Conc: 189.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



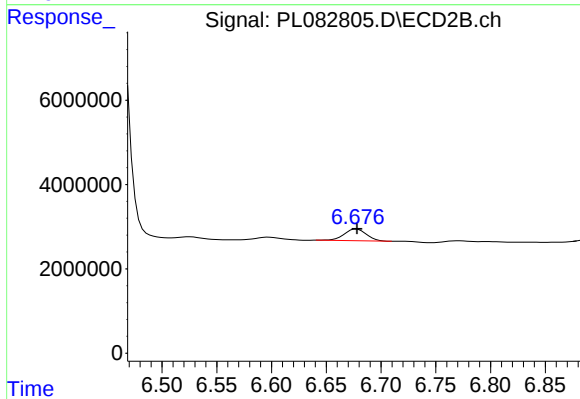
#20 Methoxychlor

R.T.: 6.453 min  
Delta R.T.: 0.000 min  
Response: 244835715  
Conc: 192.52 ng/ml



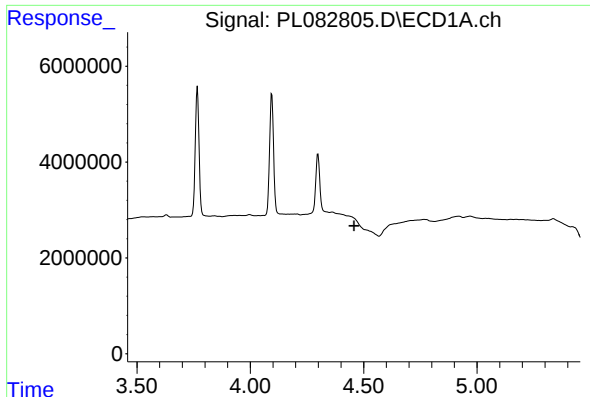
#21 Endrin ketone

R.T.: 7.382 min  
Delta R.T.: 0.000 min  
Response: 2573883  
Conc: 1.01 ng/ml



#21 Endrin ketone

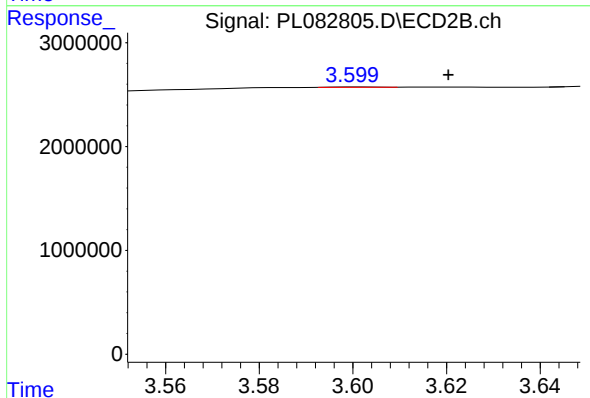
R.T.: 6.678 min  
Delta R.T.: 0.000 min  
Response: 3949292  
Conc: 1.46 ng/ml



#23 Chlordane-1

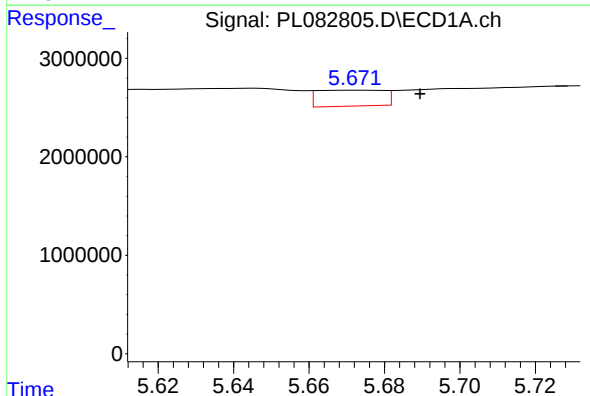
R.T.: 0.000 min  
Exp R.T.: 4.458 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



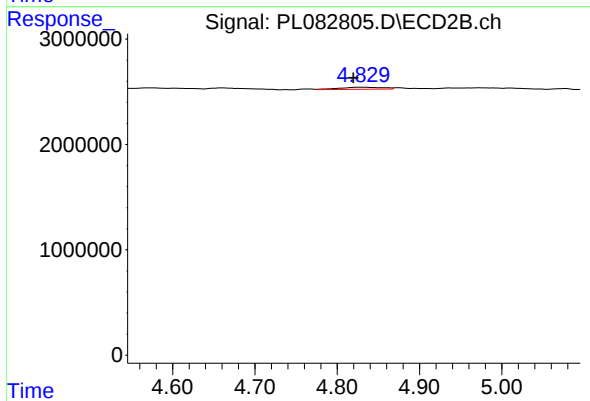
#23 Chlordane-1

R.T.: 3.601 min  
Delta R.T.: -0.019 min  
Response: 27285  
Conc: 0.33 ng/ml



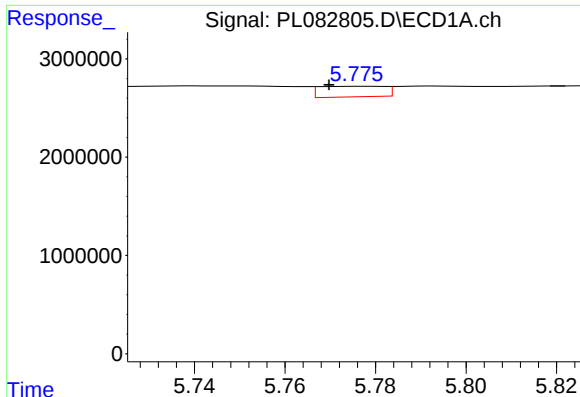
#25 Chlordane-3

R.T.: 5.673 min  
Delta R.T.: -0.017 min  
Response: 1973318  
Conc: 4.76 ng/ml



#25 Chlordane-3

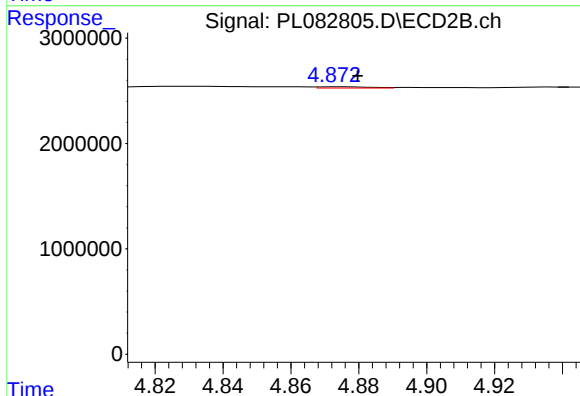
R.T.: 4.831 min  
Delta R.T.: 0.011 min  
Response: 721512  
Conc: 2.71 ng/ml



#26 Chlordane-4

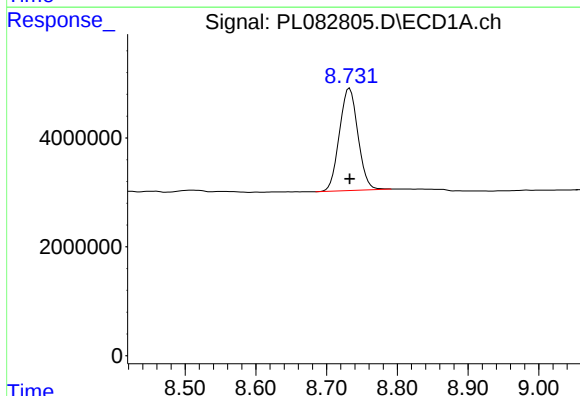
R.T.: 5.778 min  
Delta R.T.: 0.009 min  
Response: 1083772  
Conc: 2.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



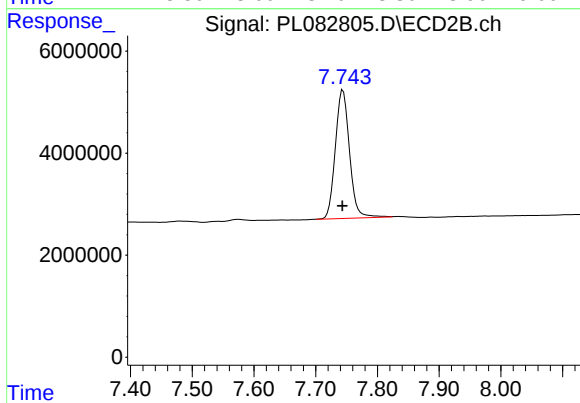
#26 Chlordane-4

R.T.: 4.874 min  
Delta R.T.: -0.006 min  
Response: 129231  
Conc: 0.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.733 min  
Delta R.T.: 0.000 min  
Response: 34288657  
Conc: 16.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.744 min  
Delta R.T.: 0.000 min  
Response: 40234770  
Conc: 16.18 ng/ml