

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080218\  
 Data File : PL038832.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Aug 2018 19:10  
 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: Aug 03 00:59:18 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... | 3.325  | 3.928  | 151.5E6  | 61123926 | 20.344  | 23.286   |
| 28)                         | SA Decachlor... | 7.991  | 8.935  | 150.5E6  | 56636523 | 19.834  | 23.169   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.754  | 4.307  | 117.9E6  | 43936039 | 9.982   | 11.353   |
| 3)                          | MA gamma-BHC... | 4.029  | 4.586  | 108.9E6  | 40950567 | 10.392  | 11.338   |
| 4)                          | MA Heptachlor   | 4.284f | 5.098  | 51194910 | 1064262  | 4.813   | 0.333 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.399  | 0        | 582648   | N.D.    | 0.189 #  |
| 6)                          | B beta-BHC      | 4.284  | 4.749  | 51194910 | 18454813 | 10.846  | 12.166   |
| 7)                          | B delta-BHC     | 0.000  | 4.957  | 0        | 3363920  | N.D.    | 1.014 #  |
| 8)                          | B Heptachlo...  | 4.946f | 5.771  | 8036633  | 3799544  | 0.852   | 1.337 #  |
| 9)                          | A Endosulfan I  | 0.000  | 6.083f | 0        | 606215   | N.D.    | 0.236 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 5.963f | 0        | 561909   | N.D.    | 0.194 #  |
| 11)                         | B alpha-Chl...  | 0.000  | 6.083  | 0        | 606215   | N.D.    | 0.212 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 6.238  | 0        | 546449   | N.D.    | 0.204 #  |
| 14)                         | MA Endrin       | 5.811  | 6.600  | 418.1E6  | 135.2E6  | 48.125  | 56.615   |
| 15)                         | B Endosulfa...  | 0.000  | 6.824  | 0        | 1185174  | N.D.    | 0.494 #  |
| 16)                         | A 4,4'-DDD      | 5.947  | 6.723  | 27289763 | 9256621  | 3.720   | 4.325    |
| 17)                         | MA 4,4'-DDT     | 6.180  | 7.022  | 794.0E6  | 257.0E6  | 106.881 | 120.546  |
| 18)                         | B Endrin al...  | 0.000  | 6.925  | 0        | 1629554  | N.D.    | 0.835 #  |
| 20)                         | A Methoxychlor  | 6.728  | 7.477  | 951.4E6  | 322.2E6  | 247.284 | 282.926  |
| 21)                         | B Endrin ke...  | 6.947  | 7.611  | 9996179  | 4418023  | 1.274   | 1.854 #  |
| 23)                         | Chlordane-1     | 4.237  | 4.957  | 13517563 | 3363920  | 39.040  | 29.028 # |
| 24)                         | Chlordane-2     | 0.000  | 5.399  | 0        | 582648   | N.D.    | 4.866 #  |
| 25)                         | Chlordane-3     | 0.000  | 5.963  | 0        | 561909   | N.D.    | 1.378 #  |
| 26)                         | Chlordane-4     | 0.000  | 6.083  | 0        | 606215   | N.D.    | 1.234 #  |
| 27)                         | Chlordane-5     | 5.947  | 6.925  | 27289763 | 1629554  | 170.419 | 18.191 # |
| -----                       |                 |        |        |          |          |         |          |

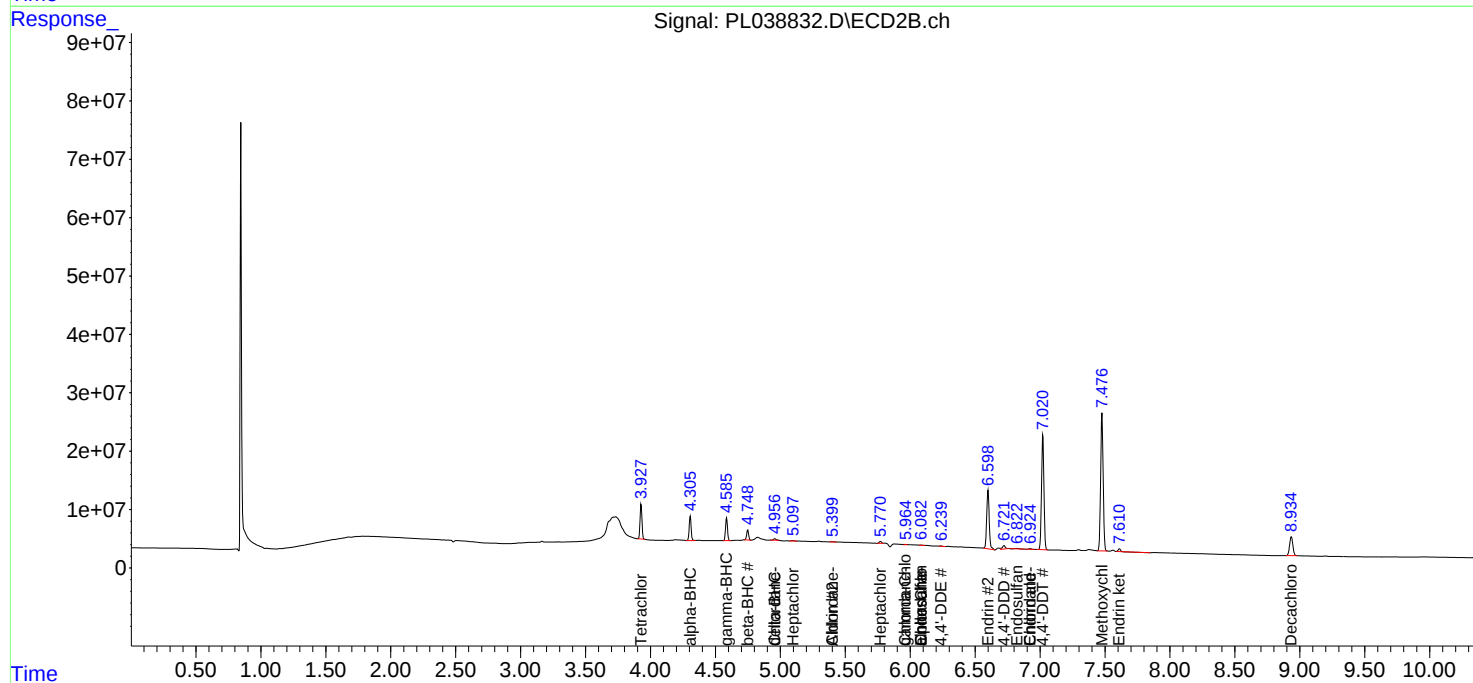
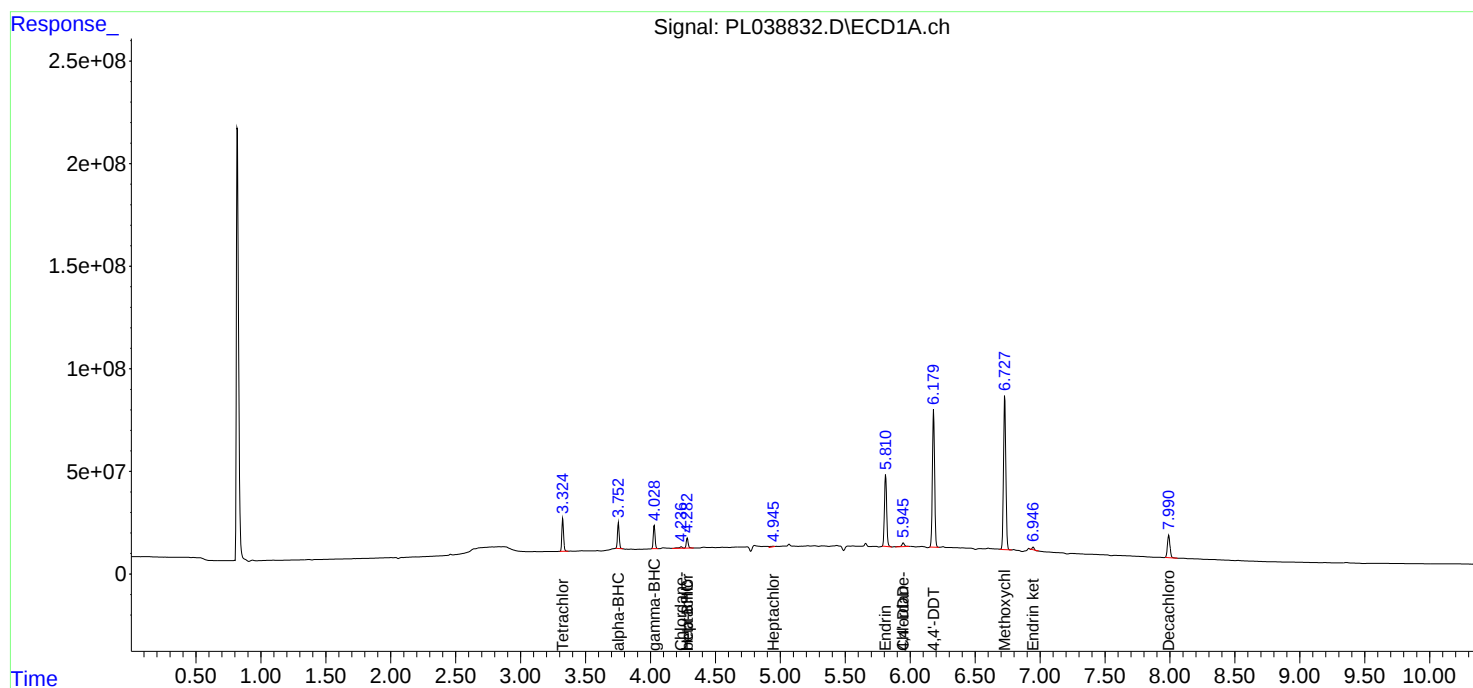
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

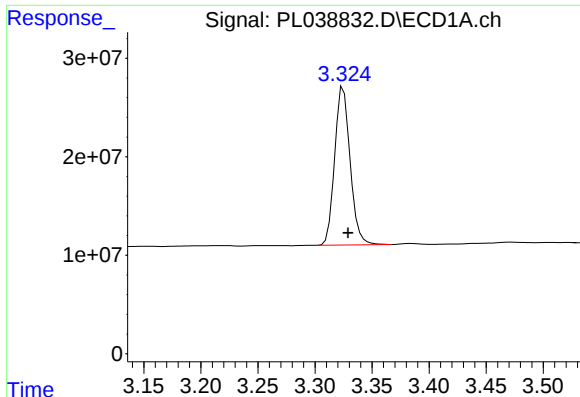
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080218\  
Data File : PL038832.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2018 19:10  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 00:59:18 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
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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

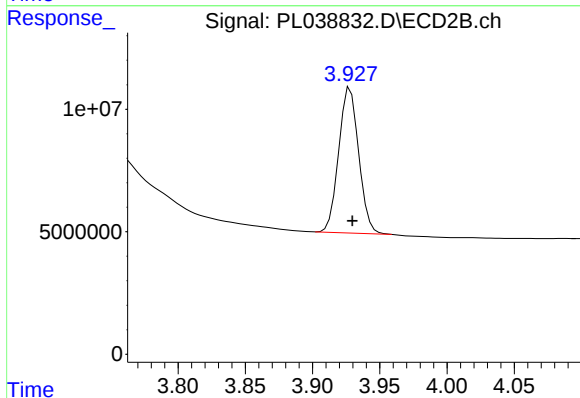




#1 Tetrachloro-m-xylene

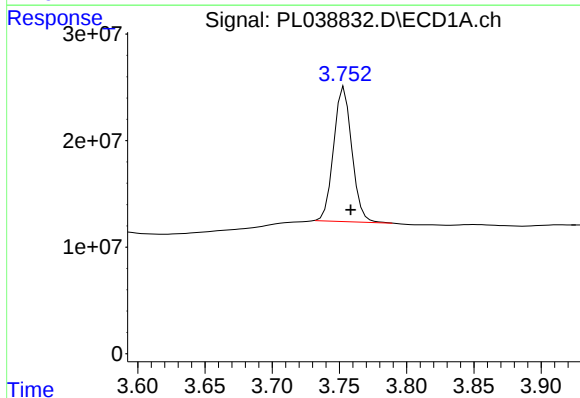
R.T.: 3.325 min  
Delta R.T.: -0.004 min  
Response: 151491355  
Conc: 20.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



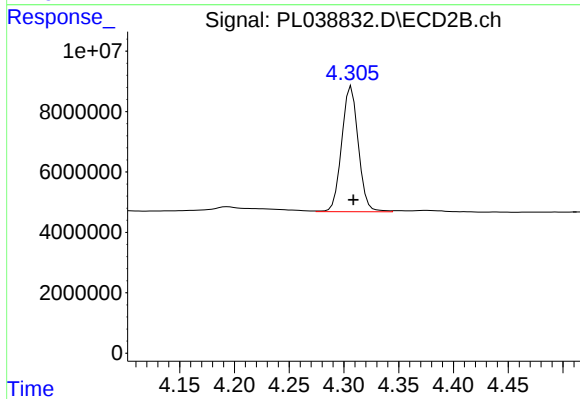
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 61123926  
Conc: 23.29 ng/ml



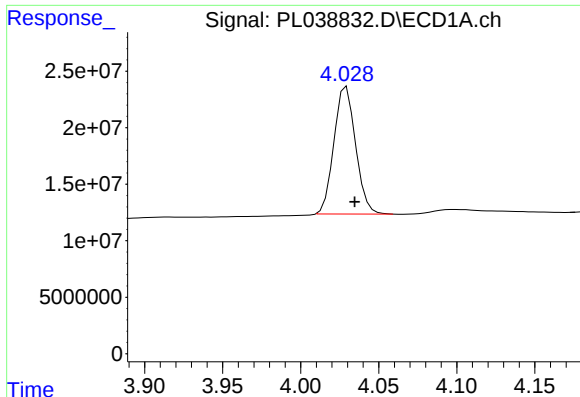
#2 alpha-BHC

R.T.: 3.754 min  
Delta R.T.: -0.005 min  
Response: 117942200  
Conc: 9.98 ng/ml



#2 alpha-BHC

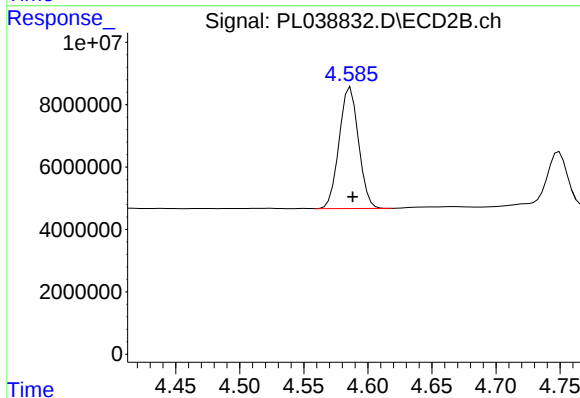
R.T.: 4.307 min  
Delta R.T.: -0.002 min  
Response: 43936039  
Conc: 11.35 ng/ml



#3 gamma-BHC (Lindane)

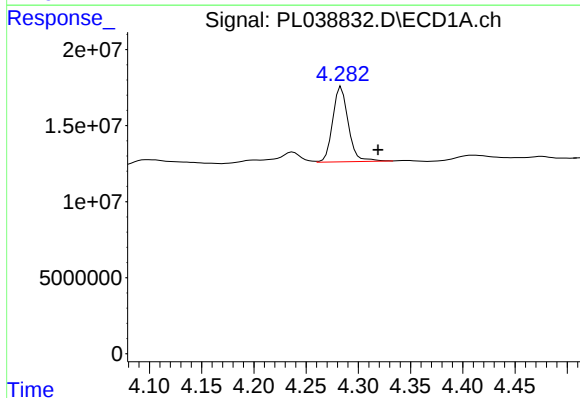
R.T.: 4.029 min  
Delta R.T.: -0.005 min  
Response: 108946606  
Conc: 10.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



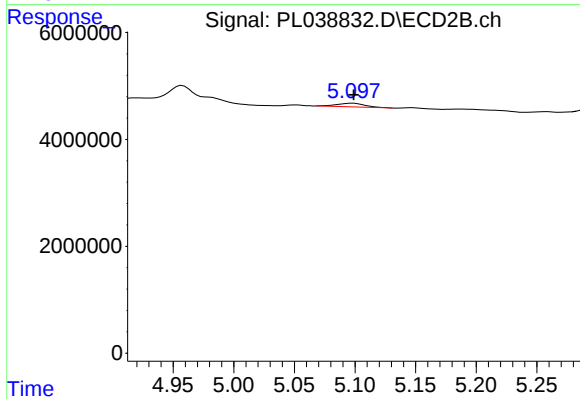
#3 gamma-BHC (Lindane)

R.T.: 4.586 min  
Delta R.T.: -0.002 min  
Response: 40950567  
Conc: 11.34 ng/ml



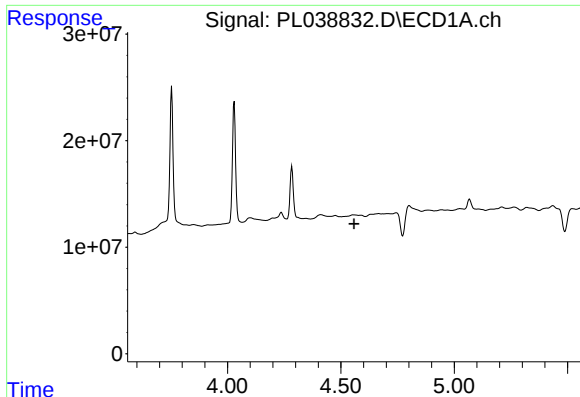
#4 Heptachlor

R.T.: 4.284 min  
Delta R.T.: -0.035 min  
Response: 51194910  
Conc: 4.81 ng/ml



#4 Heptachlor

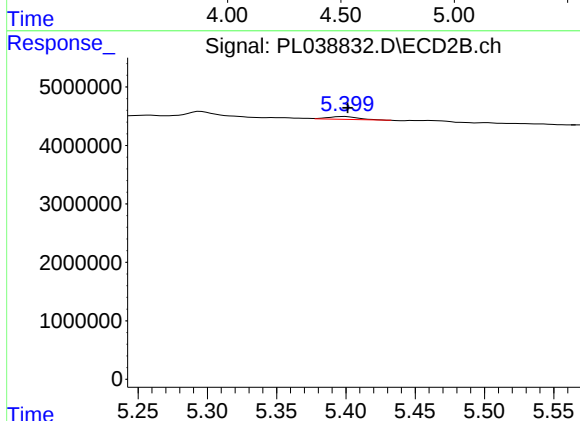
R.T.: 5.098 min  
Delta R.T.: -0.001 min  
Response: 1064262  
Conc: 0.33 ng/ml



#5 Aldrin

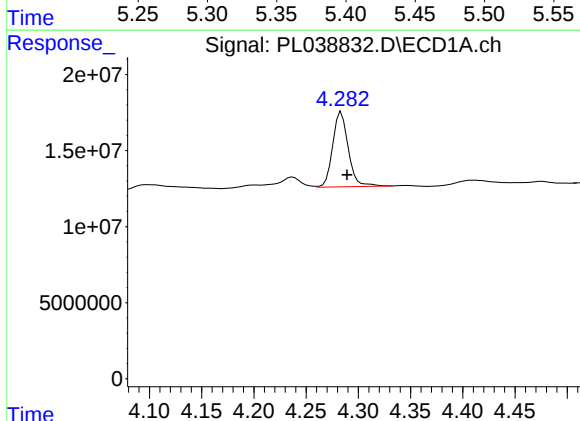
R.T.: 0.000 min  
Exp R.T.: 4.558 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



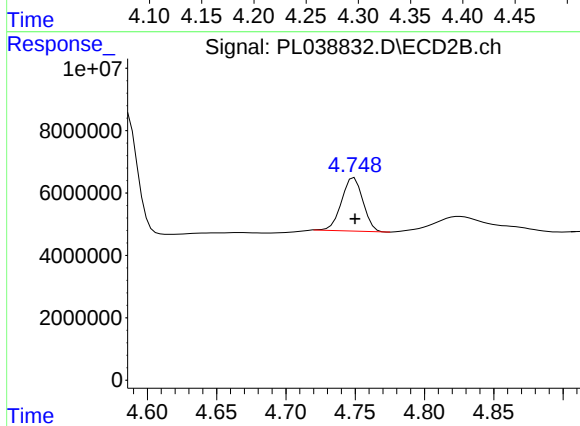
#5 Aldrin

R.T.: 5.399 min  
Delta R.T.: -0.002 min  
Response: 582648  
Conc: 0.19 ng/ml



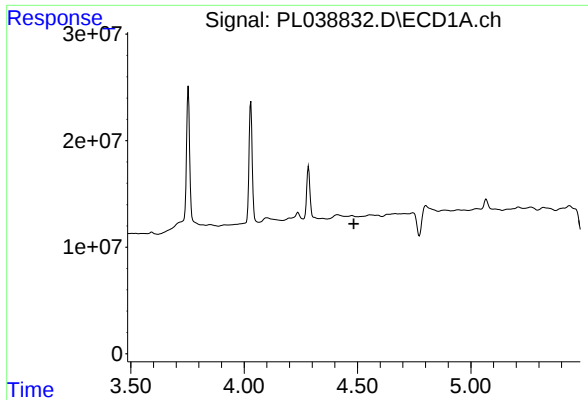
#6 beta-BHC

R.T.: 4.284 min  
Delta R.T.: -0.006 min  
Response: 51194910  
Conc: 10.85 ng/ml



#6 beta-BHC

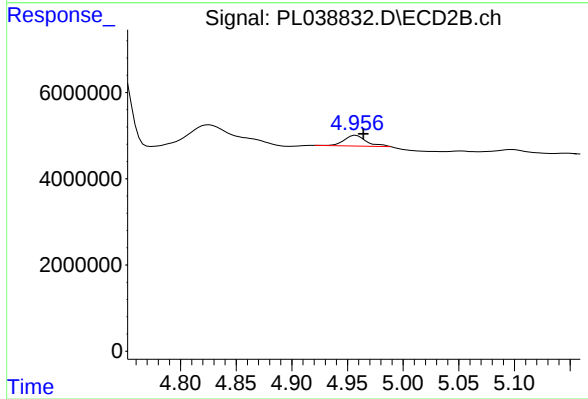
R.T.: 4.749 min  
Delta R.T.: 0.000 min  
Response: 18454813  
Conc: 12.17 ng/ml



#7 delta-BHC

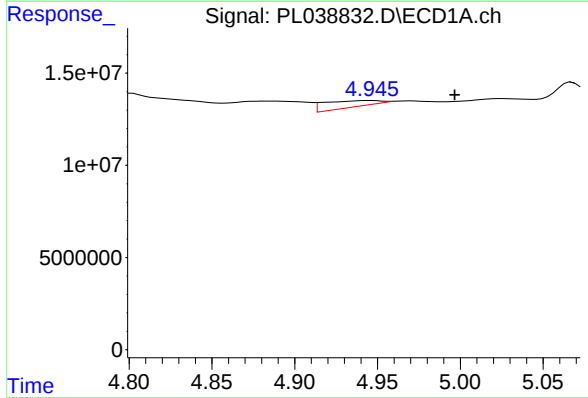
R.T.: 0.000 min  
Exp R.T.: 4.484 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



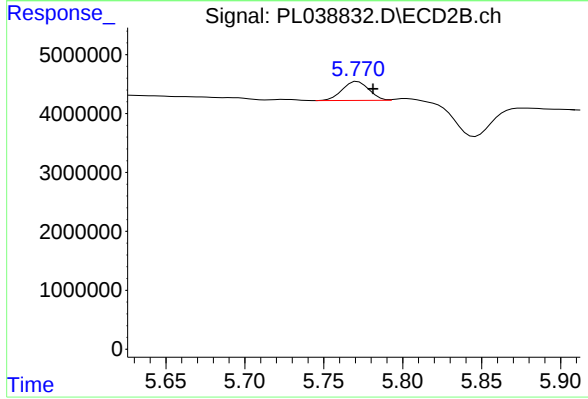
#7 delta-BHC

R.T.: 4.957 min  
Delta R.T.: -0.007 min  
Response: 3363920  
Conc: 1.01 ng/ml



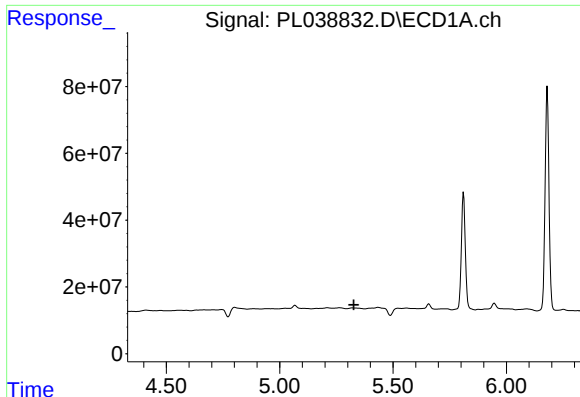
#8 Heptachlor epoxide

R.T.: 4.946 min  
Delta R.T.: -0.050 min  
Response: 8036633  
Conc: 0.85 ng/ml



#8 Heptachlor epoxide

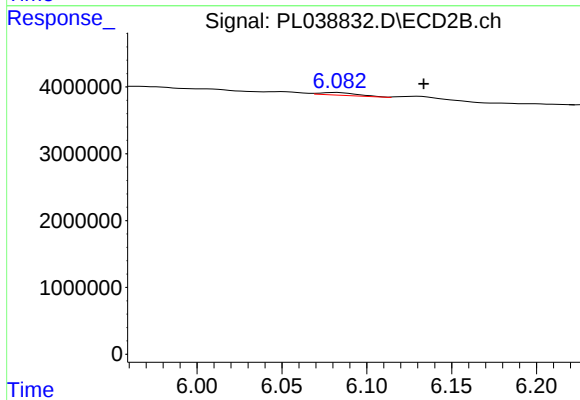
R.T.: 5.771 min  
Delta R.T.: -0.010 min  
Response: 3799544  
Conc: 1.34 ng/ml



#9 Endosulfan I

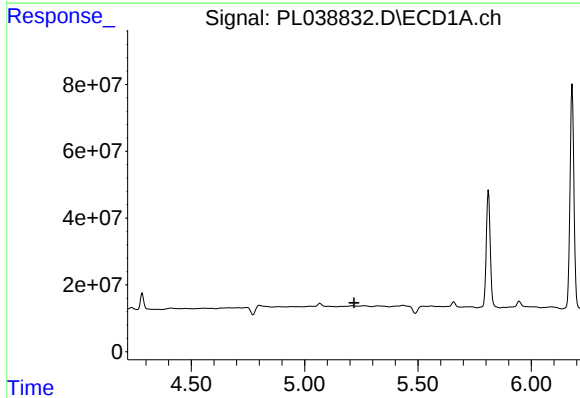
R.T.: 0.000 min  
Exp R.T.: 5.328 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



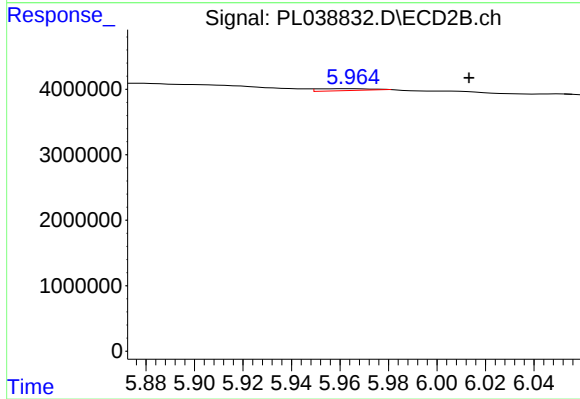
#9 Endosulfan I

R.T.: 6.083 min  
Delta R.T.: -0.051 min  
Response: 606215  
Conc: 0.24 ng/ml



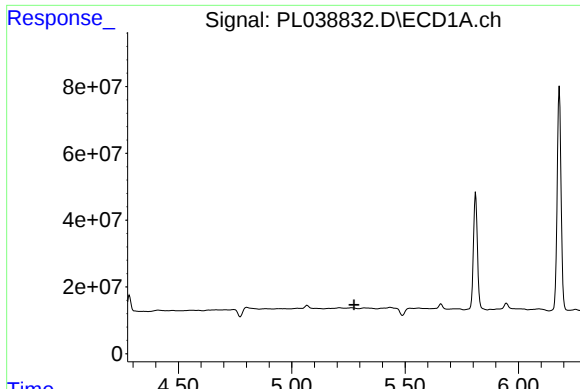
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.219 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

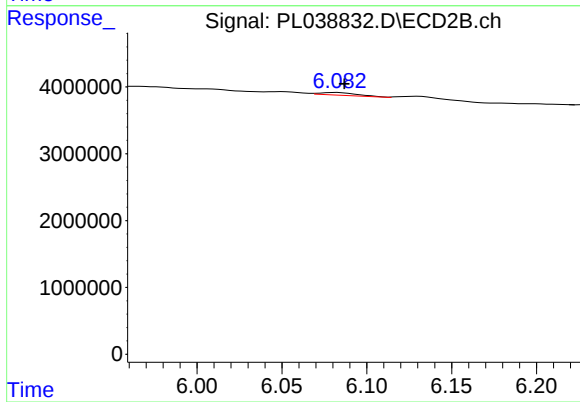
R.T.: 5.963 min  
Delta R.T.: -0.051 min  
Response: 561909  
Conc: 0.19 ng/ml



#11 alpha-Chlordane

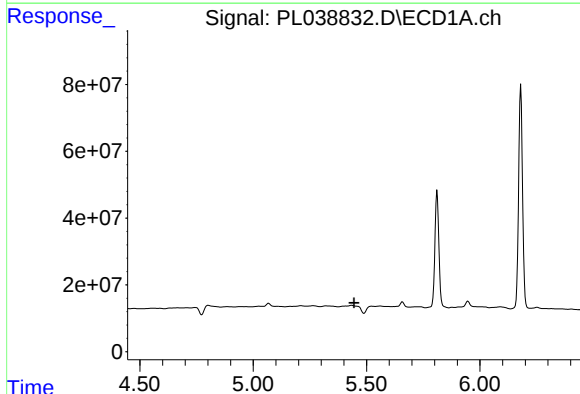
R.T.: 0.000 min  
Exp R.T.: 5.275 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



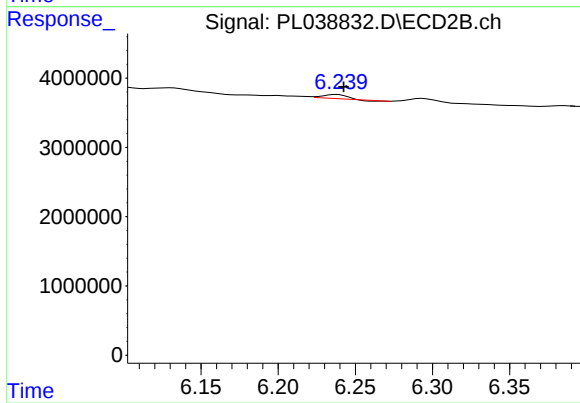
#11 alpha-Chlordane

R.T.: 6.083 min  
Delta R.T.: -0.004 min  
Response: 606215  
Conc: 0.21 ng/ml



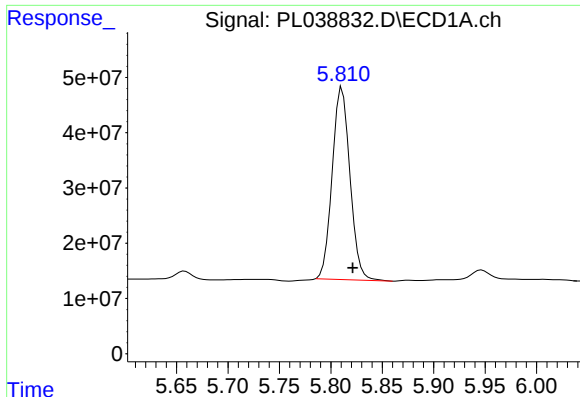
#12 4,4'-DDE

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



#12 4,4'-DDE

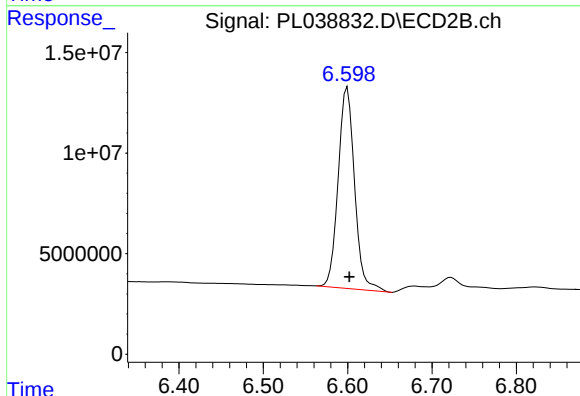
R.T.: 6.238 min  
Delta R.T.: -0.004 min  
Response: 546449  
Conc: 0.20 ng/ml



#14 Endrin

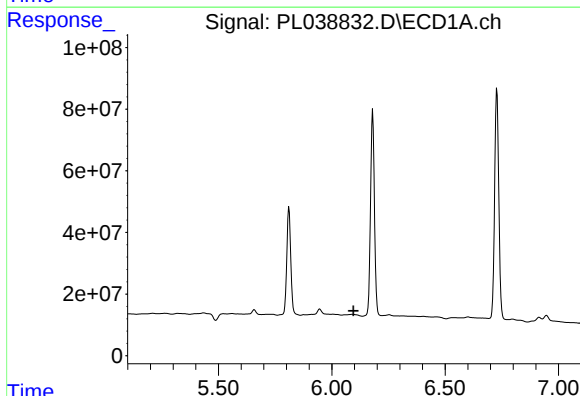
R.T.: 5.811 min  
Delta R.T.: -0.010 min  
Response: 418132484  
Conc: 48.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



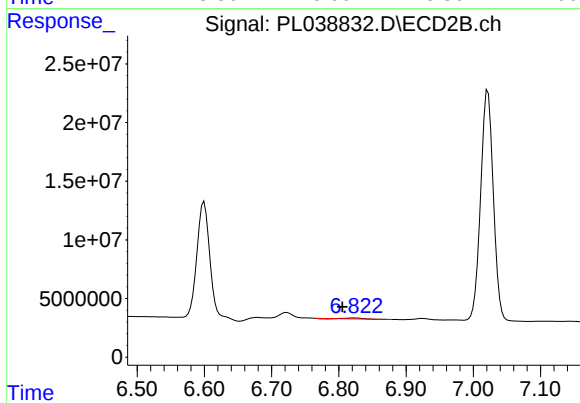
#14 Endrin

R.T.: 6.600 min  
Delta R.T.: -0.002 min  
Response: 135204310  
Conc: 56.61 ng/ml



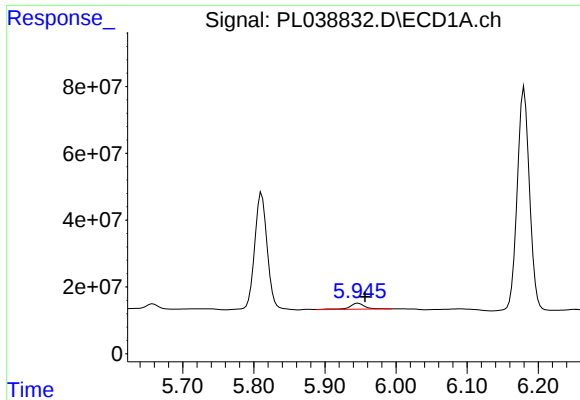
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.096 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

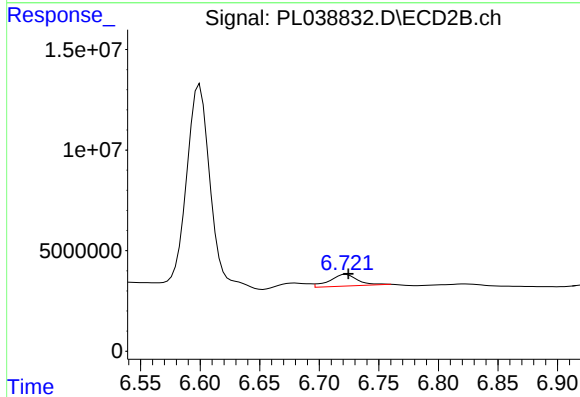
R.T.: 6.824 min  
Delta R.T.: 0.019 min  
Response: 1185174  
Conc: 0.49 ng/ml



#16 4,4'-DDD

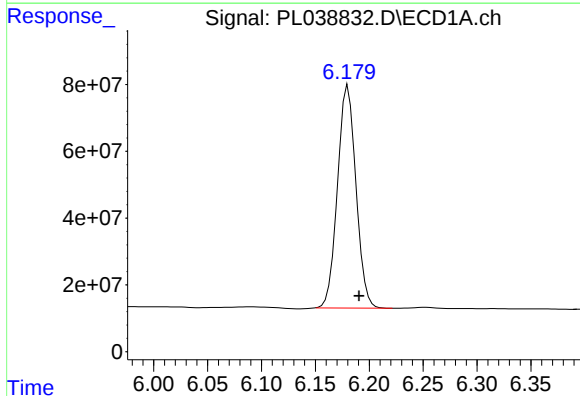
R.T.: 5.947 min  
Delta R.T.: -0.010 min  
Response: 27289763  
Conc: 3.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



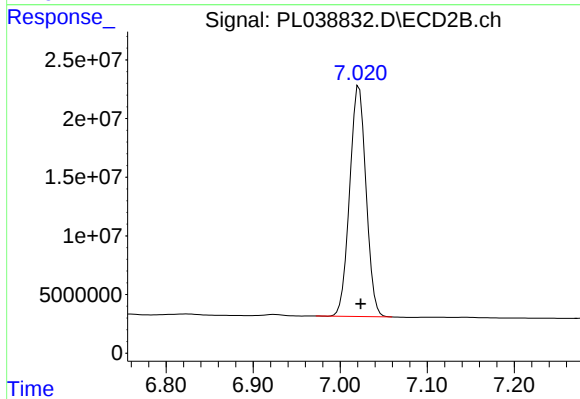
#16 4,4'-DDD

R.T.: 6.723 min  
Delta R.T.: -0.002 min  
Response: 9256621  
Conc: 4.32 ng/ml



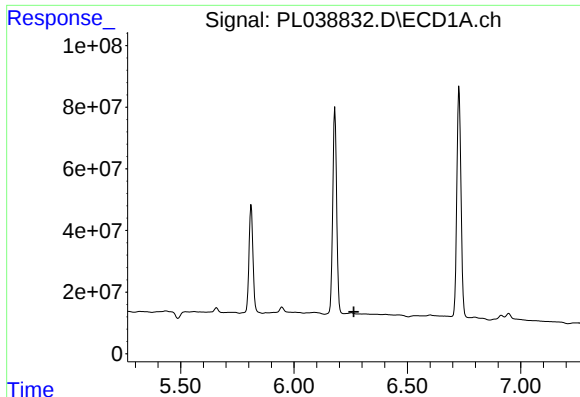
#17 4,4'-DDT

R.T.: 6.180 min  
Delta R.T.: -0.010 min  
Response: 793988719  
Conc: 106.88 ng/ml



#17 4,4'-DDT

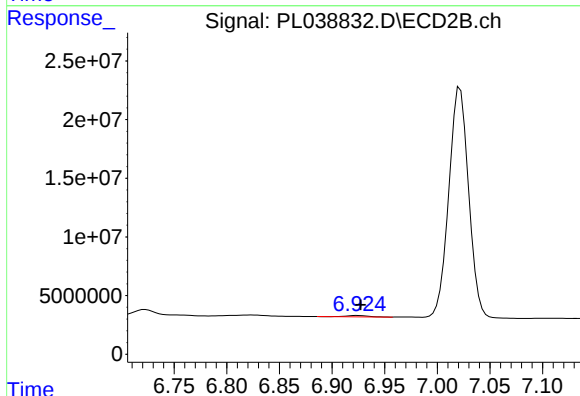
R.T.: 7.022 min  
Delta R.T.: -0.002 min  
Response: 257009609  
Conc: 120.55 ng/ml



#18 Endrin aldehyde

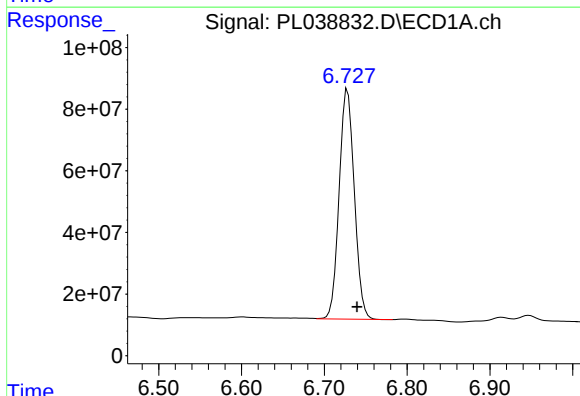
R.T.: 0.000 min  
Exp R.T.: 6.264 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



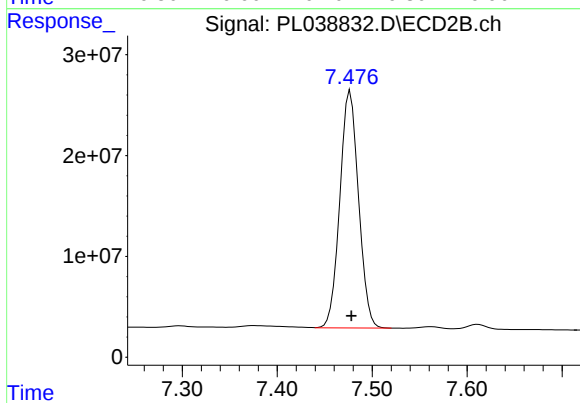
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: -0.002 min  
Response: 1629554  
Conc: 0.84 ng/ml



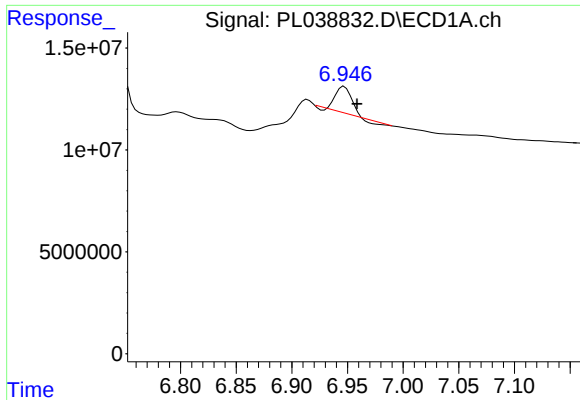
#20 Methoxychlor

R.T.: 6.728 min  
Delta R.T.: -0.011 min  
Response: 951420177  
Conc: 247.28 ng/ml



#20 Methoxychlor

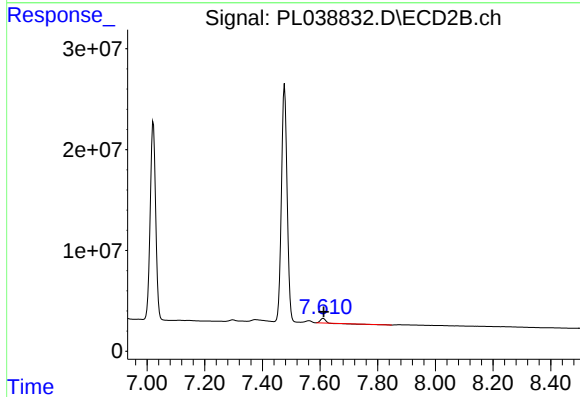
R.T.: 7.477 min  
Delta R.T.: -0.001 min  
Response: 322157790  
Conc: 282.93 ng/ml



#21 Endrin ketone

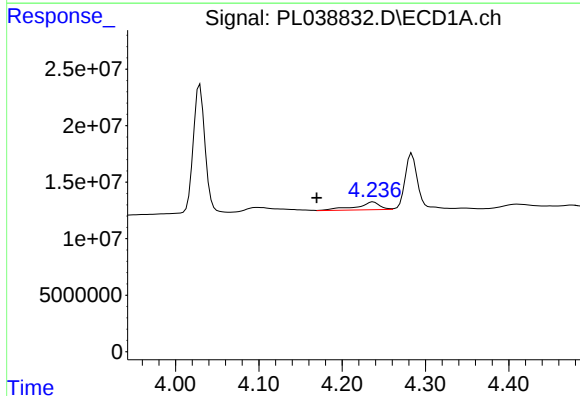
R.T.: 6.947 min  
Delta R.T.: -0.011 min  
Response: 9996179  
Conc: 1.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



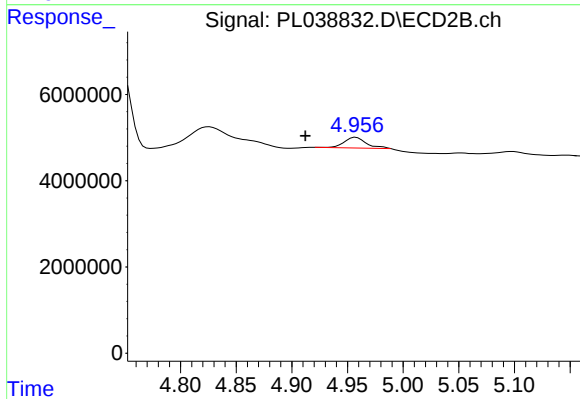
#21 Endrin ketone

R.T.: 7.611 min  
Delta R.T.: -0.002 min  
Response: 4418023  
Conc: 1.85 ng/ml



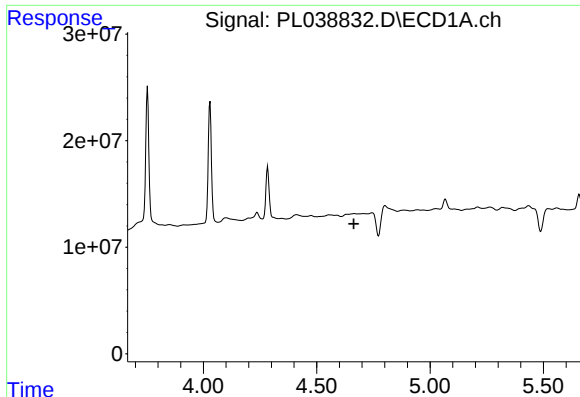
#23 Chlordane-1

R.T.: 4.237 min  
Delta R.T.: 0.068 min  
Response: 13517563  
Conc: 39.04 ng/ml



#23 Chlordane-1

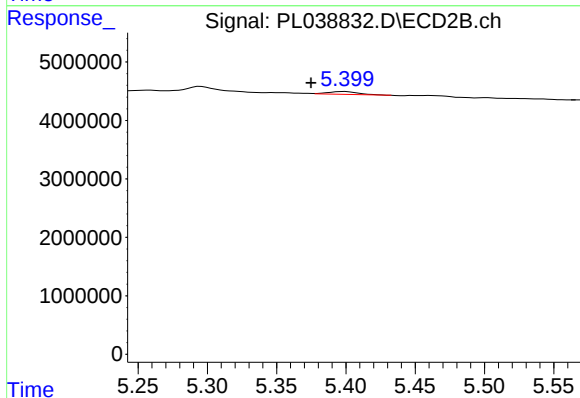
R.T.: 4.957 min  
Delta R.T.: 0.045 min  
Response: 3363920  
Conc: 29.03 ng/ml



#24 Chlordane-2

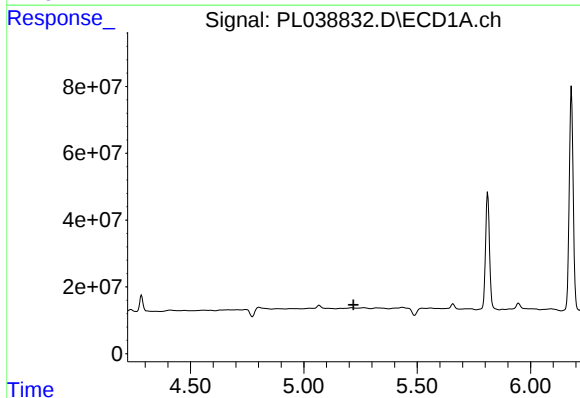
R.T.: 0.000 min  
Exp R.T.: 4.663 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



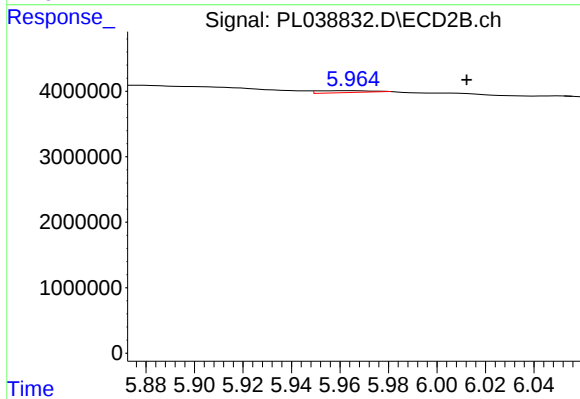
#24 Chlordane-2

R.T.: 5.399 min  
Delta R.T.: 0.024 min  
Response: 582648  
Conc: 4.87 ng/ml



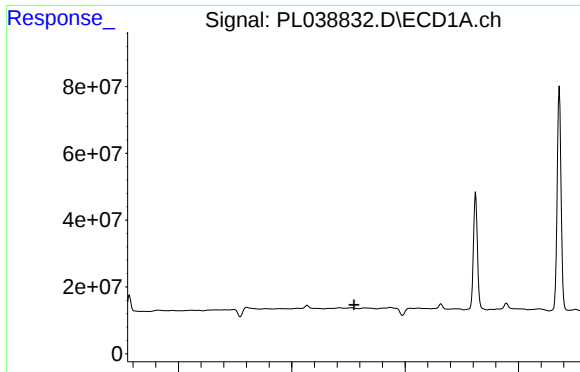
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 5.219 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

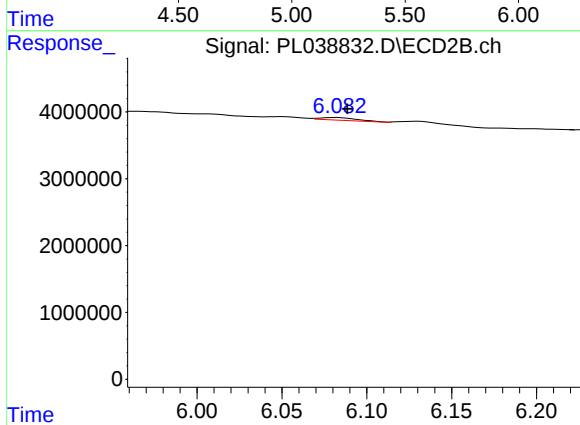
R.T.: 5.963 min  
Delta R.T.: -0.050 min  
Response: 561909  
Conc: 1.38 ng/ml



#26 Chlordane-4

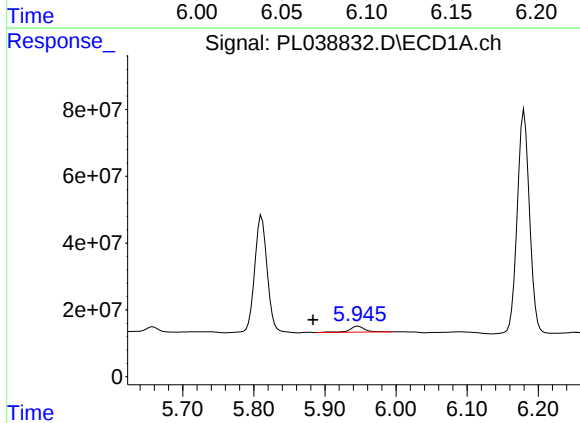
R.T.: 0.000 min  
Exp R.T.: 5.275 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



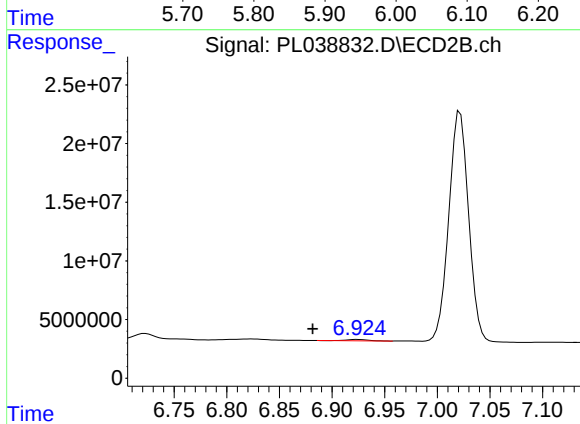
#26 Chlordane-4

R.T.: 6.083 min  
Delta R.T.: -0.006 min  
Response: 606215  
Conc: 1.23 ng/ml



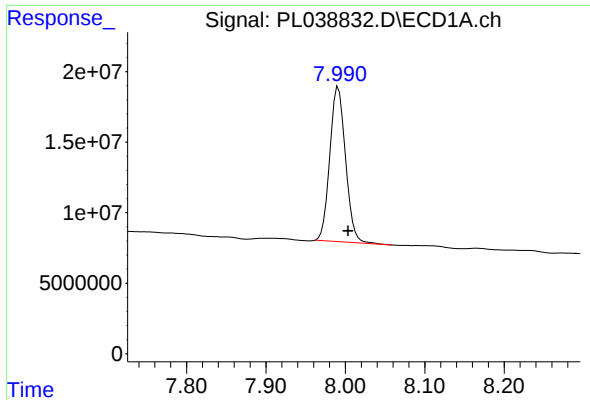
#27 Chlordane-5

R.T.: 5.947 min  
Delta R.T.: 0.064 min  
Response: 27289763  
Conc: 170.42 ng/ml



#27 Chlordane-5

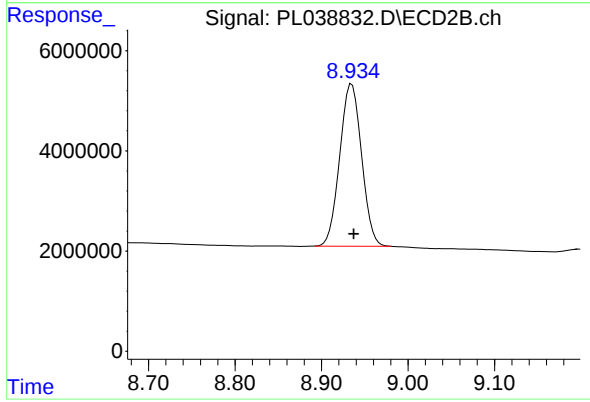
R.T.: 6.925 min  
Delta R.T.: 0.043 min  
Response: 1629554  
Conc: 18.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.991 min  
Delta R.T.: -0.012 min  
Response: 150456770  
Conc: 19.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.935 min  
Delta R.T.: -0.002 min  
Response: 56636523  
Conc: 23.17 ng/ml