

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070220\  
 Data File : PL059684.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jul 2020 10:21  
 Operator : AJ\MA  
 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 02 14:36:15 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jul 01 01:23:58 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... | 3.517  | 4.070  | 38596190 | 56206793 | 21.489  | 21.135   |
| 28)                         | SA Decachlor... | 8.286  | 9.181  | 33598919 | 45404800 | 21.885  | 20.889   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.957  | 4.463  | 24862400 | 36877085 | 9.666   | 9.470    |
| 3)                          | MA gamma-BHC... | 4.242  | 4.750  | 21757562 | 34775977 | 9.599   | 9.510    |
| 4)                          | MA Heptachlor   | 0.000  | 5.267  | 0        | 473829   | N.D.    | 0.135 #  |
| 5)                          | MB Aldrin       | 4.786  | 0.000  | 151878   | 0        | 0.089   | N.D. #   |
| 6)                          | B beta-BHC      | 4.491  | 4.919  | 10748879 | 16691166 | 11.457  | 10.840   |
| 7)                          | B delta-BHC     | 0.000  | 5.109f | 0        | 1951209  | N.D.    | 0.667 #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.948  | 0        | 1958993  | N.D.    | 0.806 #  |
| 9)                          | A Endosulfan I  | 5.569  | 0.000  | 98279    | 0        | 0.064   | N.D. #   |
| 11)                         | B alpha-Chl...  | 0.000  | 6.278  | 0        | 509444   | N.D.    | 0.172 #  |
| 12)                         | B 4,4'-DDE      | 5.690  | 6.422  | 1754787  | 689913   | 1.171   | 0.259 #  |
| 13)                         | MA Dieldrin     | 0.000  | 6.587  | 0        | 343047   | N.D.    | 0.122 #  |
| 14)                         | MA Endrin       | 6.083  | 6.796  | 75136316 | 115.3E6  | 50.815  | 46.892   |
| 15)                         | B Endosulfa...  | 6.352  | 7.007  | 776468   | 3500804  | 0.512   | 1.363 #  |
| 16)                         | A 4,4'-DDD      | 6.206  | 6.914  | 6370915  | 11898960 | 4.773   | 4.997    |
| 17)                         | MA 4,4'-DDT     | 6.449  | 7.215  | 134.2E6  | 212.0E6  | 105.700 | 93.720   |
| 18)                         | B Endrin al...  | 6.521  | 7.128  | 1199575  | 1877738  | 0.950   | 0.847    |
| 20)                         | A Methoxychlor  | 6.994  | 7.672  | 183.7E6  | 282.2E6  | 240.034 | 218.508  |
| 21)                         | B Endrin ke...  | 7.227  | 7.826  | 4797359  | 5730522  | 2.905   | 2.274    |
| 22)                         | Mirex           | 7.405f | 0.000  | 136015   | 0        | 0.105   | N.D. #   |
| 23)                         | Chlordane-1     | 4.392  | 5.053f | 253204   | 1356296  | 4.859   | 12.563 # |
| 26)                         | Chlordane-4     | 0.000  | 6.278  | 0        | 509444   | N.D.    | 1.131 #  |
| 27)                         | Chlordane-5     | 6.352  | 0.000  | 776468   | 0        | 15.114  | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

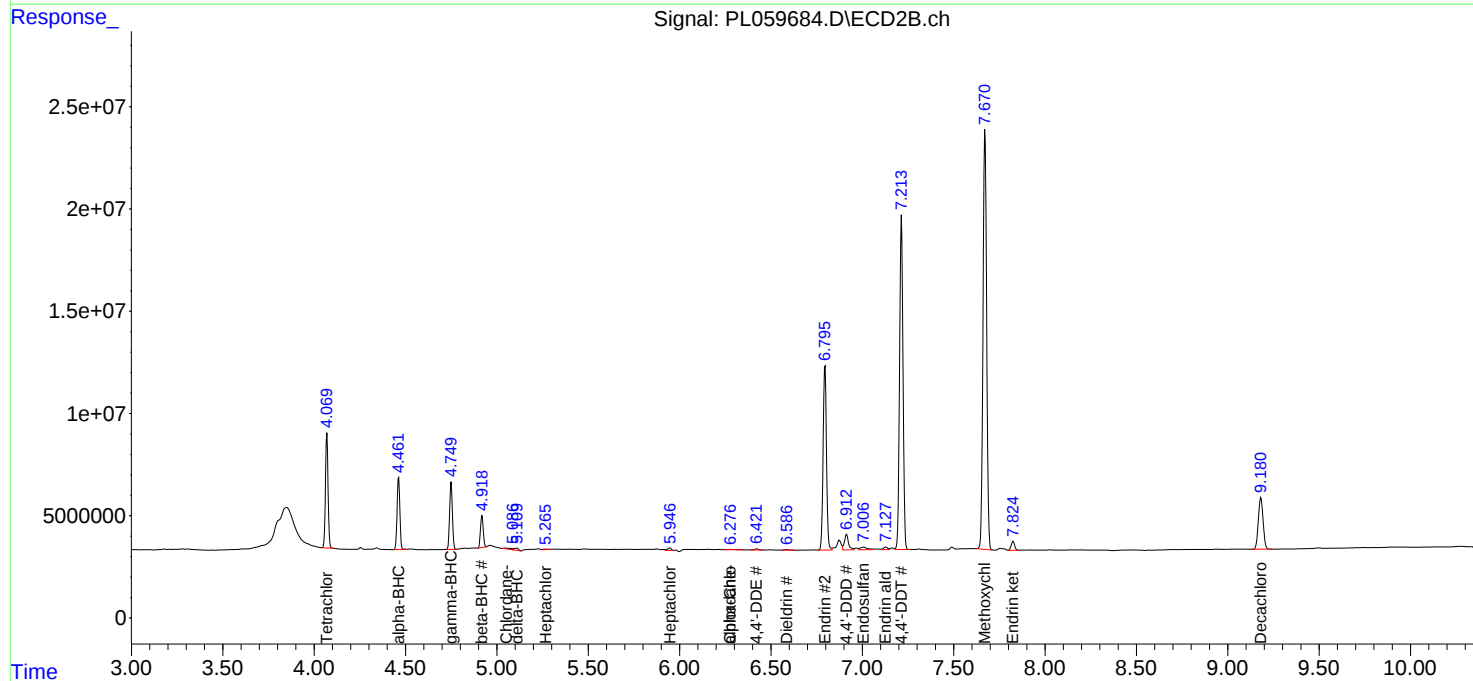
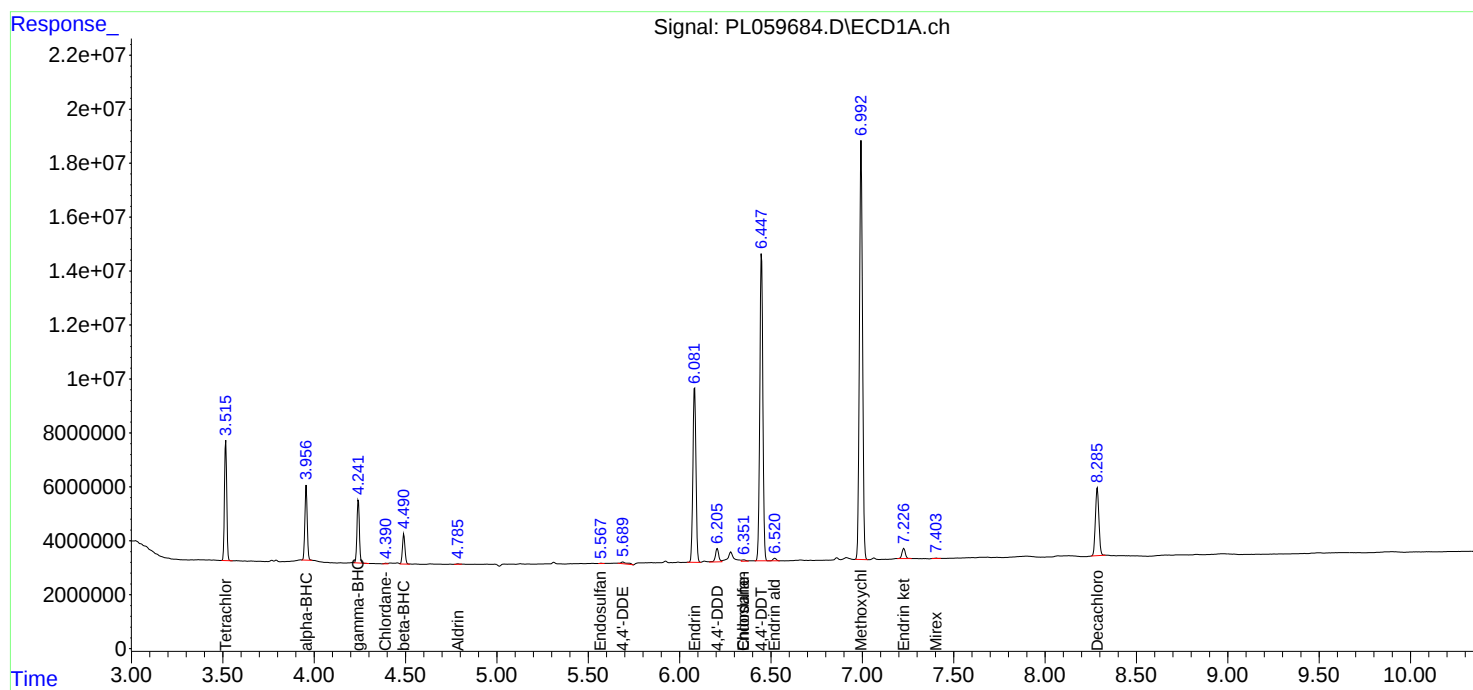
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

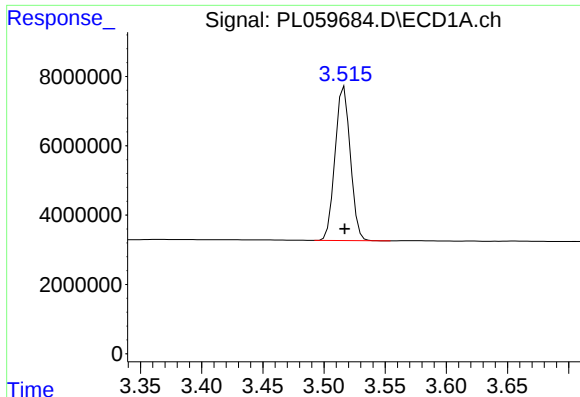
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL070220\  
Data File : PL059684.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Jul 2020 10:21  
Operator : AJ\MA  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 02 14:36:15 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
Quant Title : GC Extractables  
QLast Update : Wed Jul 01 01:23:58 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

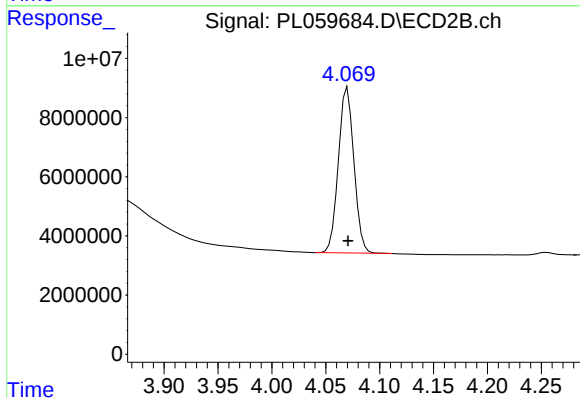




#1 Tetrachloro-m-xylene

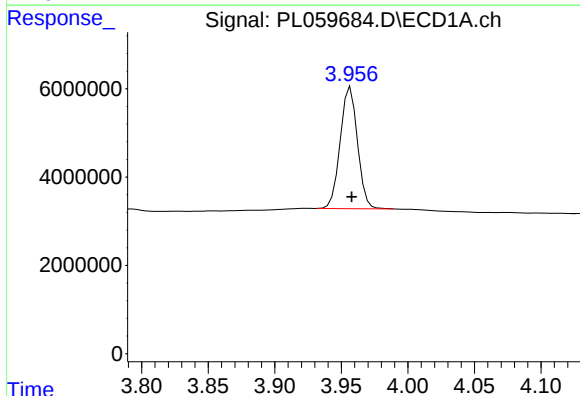
R.T.: 3.517 min  
Delta R.T.: 0.000 min  
Response: 38596190  
Conc: 21.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



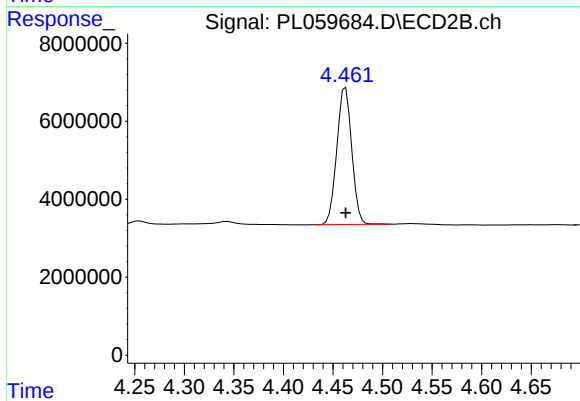
#1 Tetrachloro-m-xylene

R.T.: 4.070 min  
Delta R.T.: 0.000 min  
Response: 56206793  
Conc: 21.13 ng/ml



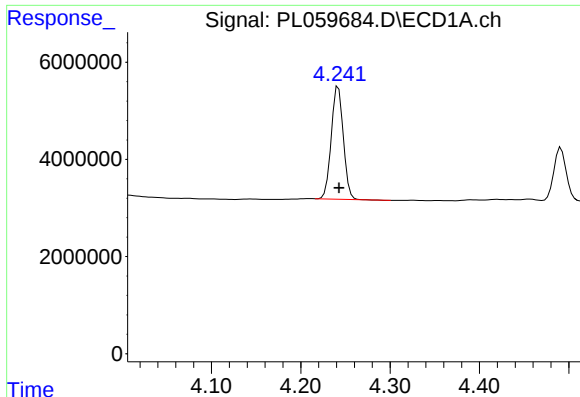
#2 alpha-BHC

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 24862400  
Conc: 9.67 ng/ml



#2 alpha-BHC

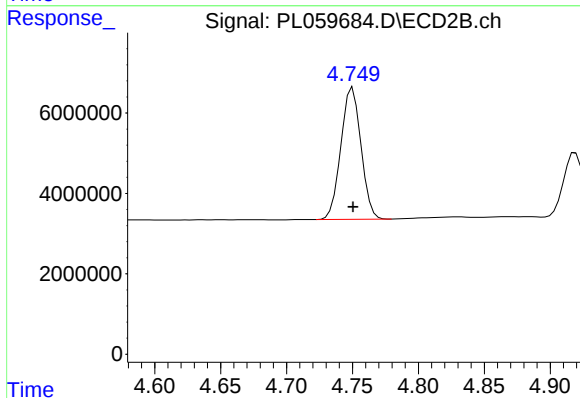
R.T.: 4.463 min  
Delta R.T.: 0.000 min  
Response: 36877085  
Conc: 9.47 ng/ml



#3 gamma-BHC (Lindane)

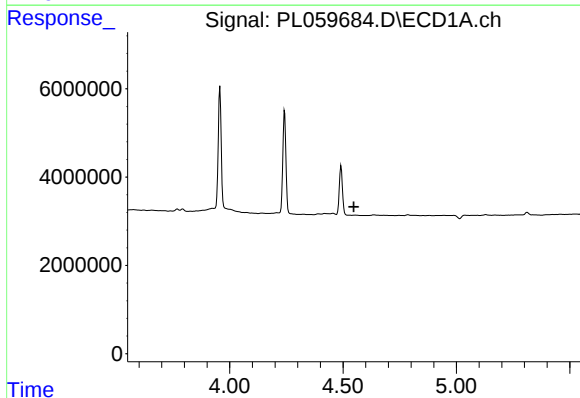
R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 21757562  
Conc: 9.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



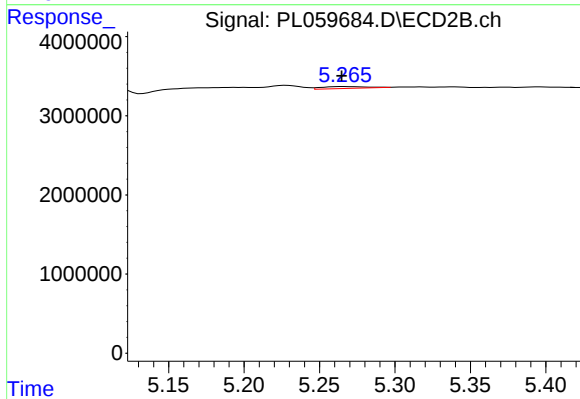
#3 gamma-BHC (Lindane)

R.T.: 4.750 min  
Delta R.T.: 0.000 min  
Response: 34775977  
Conc: 9.51 ng/ml



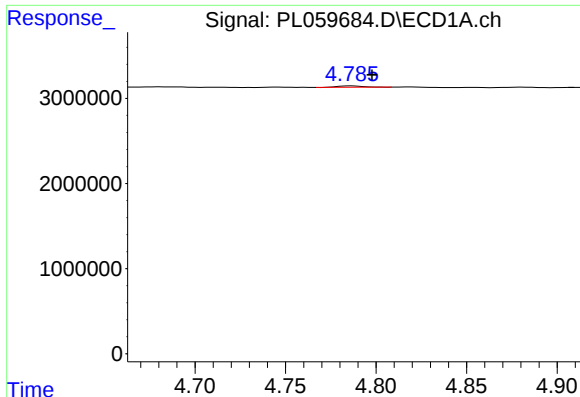
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.548 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

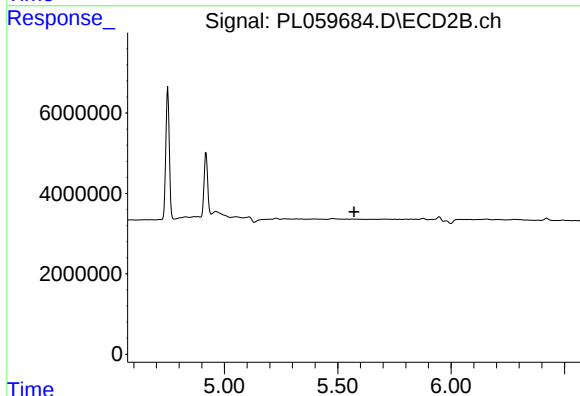
R.T.: 5.267 min  
Delta R.T.: 0.002 min  
Response: 473829  
Conc: 0.14 ng/ml



#5 Aldrin

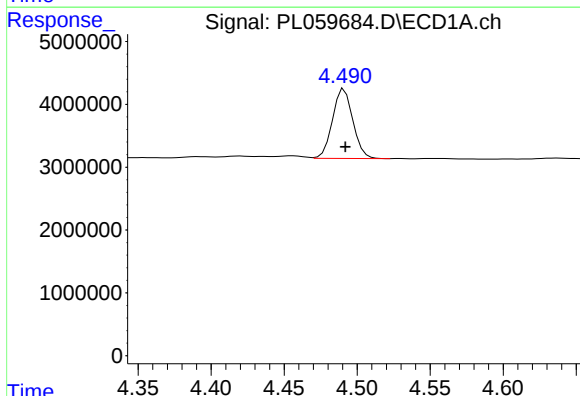
R.T.: 4.786 min  
Delta R.T.: -0.011 min  
Response: 151878  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



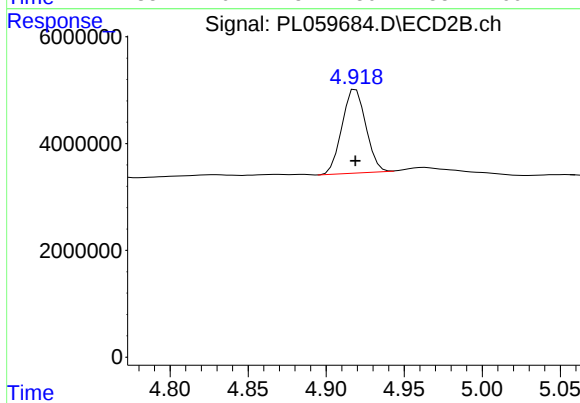
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.572 min  
Response: 0  
Conc: N.D.



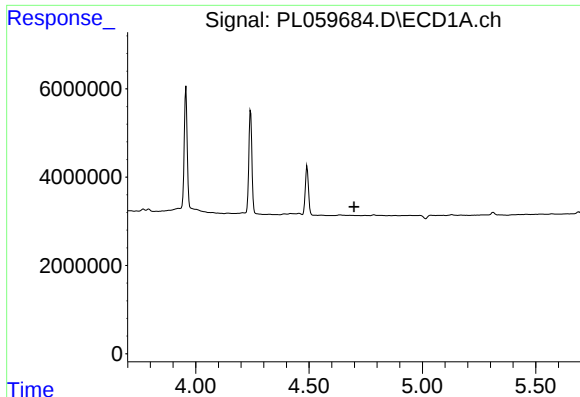
#6 beta-BHC

R.T.: 4.491 min  
Delta R.T.: 0.000 min  
Response: 10748879  
Conc: 11.46 ng/ml



#6 beta-BHC

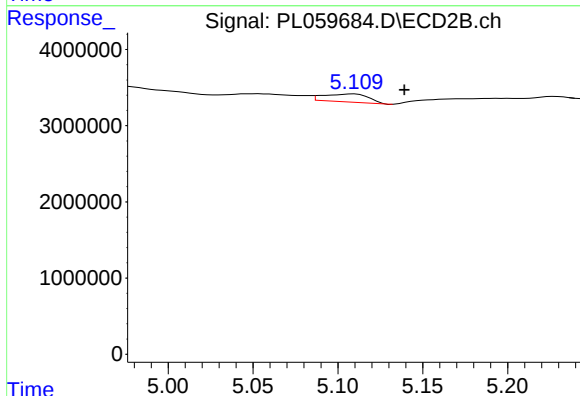
R.T.: 4.919 min  
Delta R.T.: 0.000 min  
Response: 16691166  
Conc: 10.84 ng/ml



#7 delta-BHC

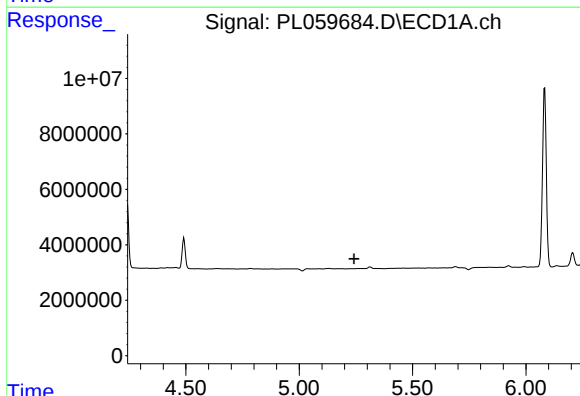
R.T.: 0.000 min  
Exp R.T.: 4.699 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



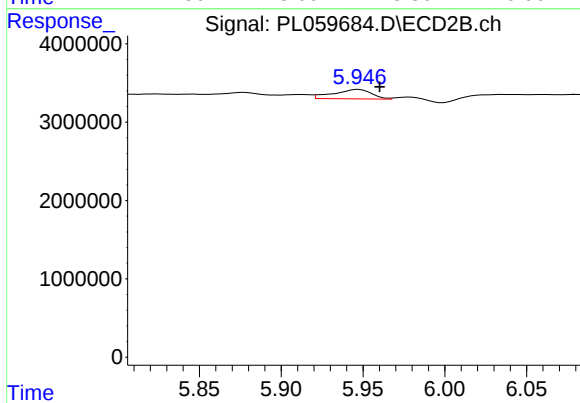
#7 delta-BHC

R.T.: 5.109 min  
Delta R.T.: -0.030 min  
Response: 1951209  
Conc: 0.67 ng/ml



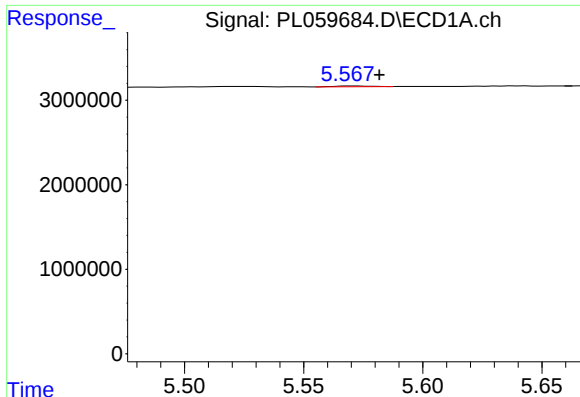
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T.: 5.242 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

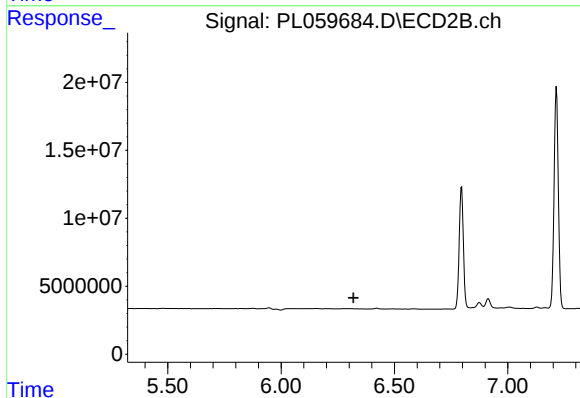
R.T.: 5.948 min  
Delta R.T.: -0.013 min  
Response: 1958993  
Conc: 0.81 ng/ml



#9 Endosulfan I

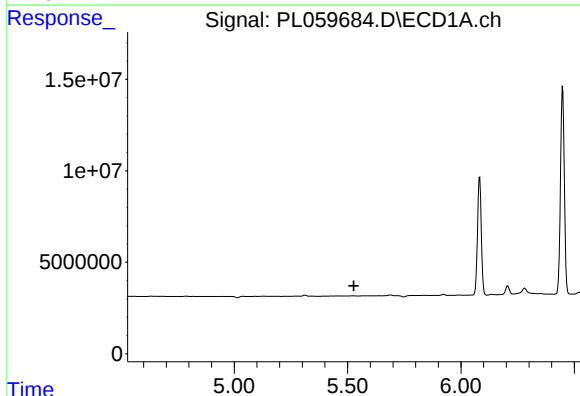
R.T.: 5.569 min  
Delta R.T.: -0.012 min  
Response: 98279  
Conc: 0.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



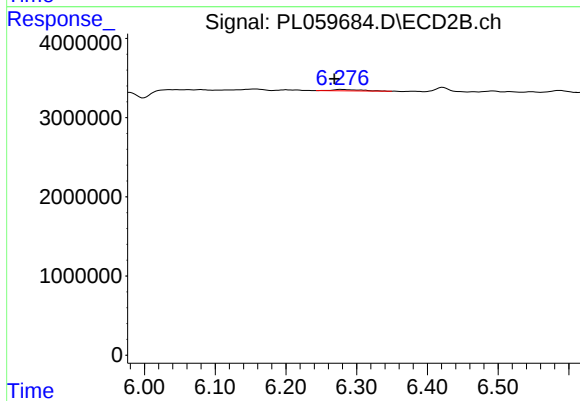
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.319 min  
Response: 0  
Conc: N.D.



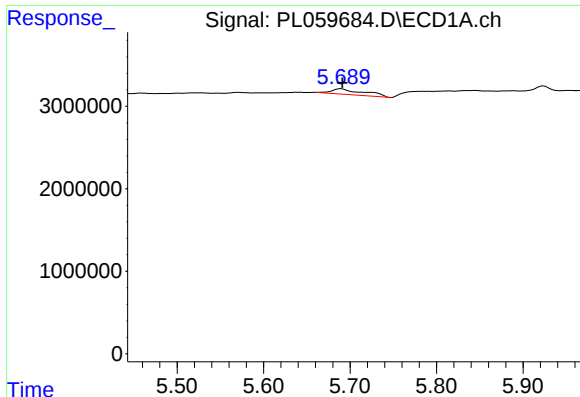
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.528 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

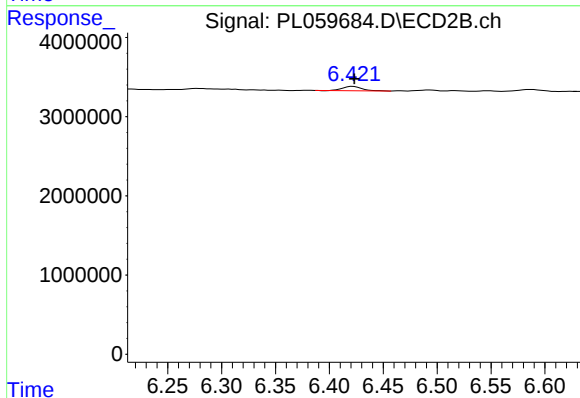
R.T.: 6.278 min  
Delta R.T.: 0.009 min  
Response: 509444  
Conc: 0.17 ng/ml



#12 4,4'-DDE

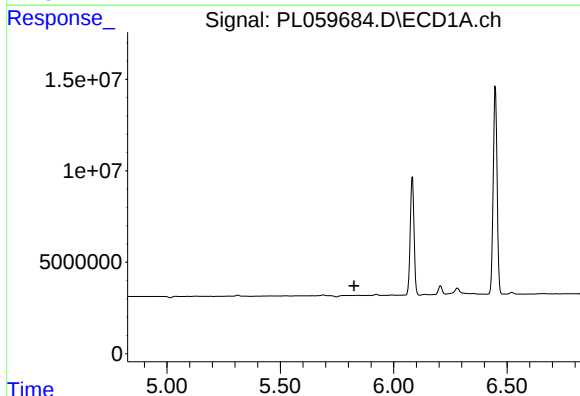
R.T.: 5.690 min  
Delta R.T.: -0.001 min  
Response: 1754787  
Conc: 1.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



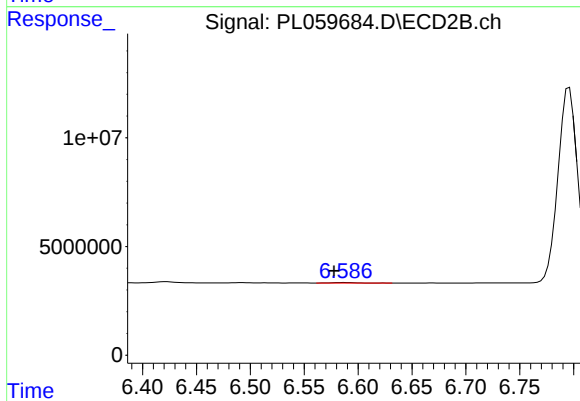
#12 4,4'-DDE

R.T.: 6.422 min  
Delta R.T.: -0.001 min  
Response: 689913  
Conc: 0.26 ng/ml



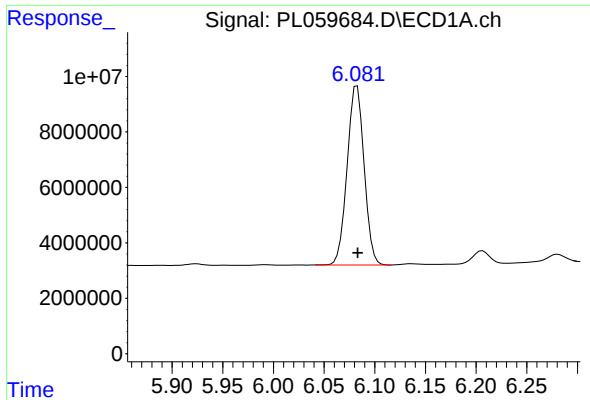
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 5.826 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

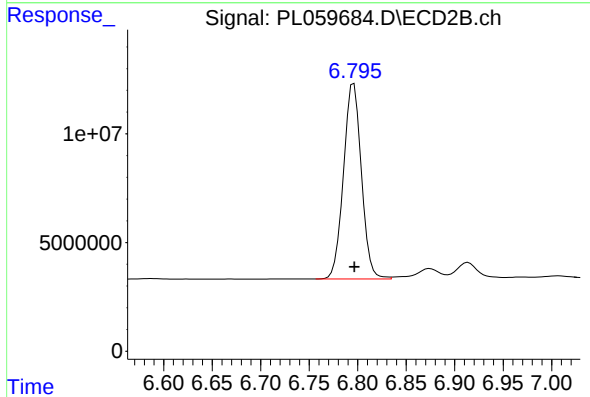
R.T.: 6.587 min  
Delta R.T.: 0.010 min  
Response: 343047  
Conc: 0.12 ng/ml



#14 Endrin

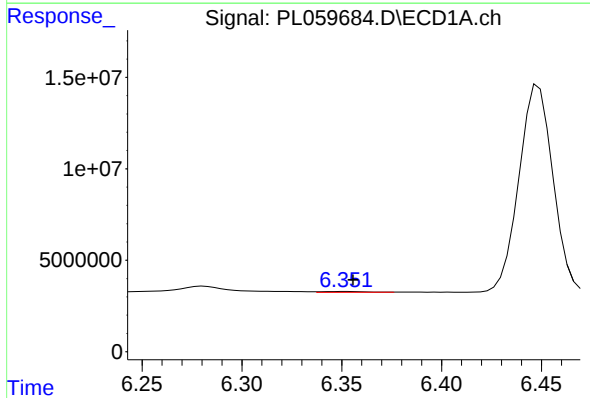
R.T.: 6.083 min  
Delta R.T.: 0.000 min  
Response: 75136316  
Conc: 50.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



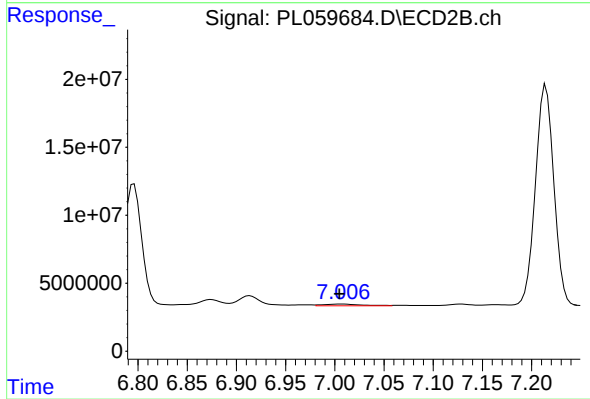
#14 Endrin

R.T.: 6.796 min  
Delta R.T.: 0.000 min  
Response: 115320273  
Conc: 46.89 ng/ml



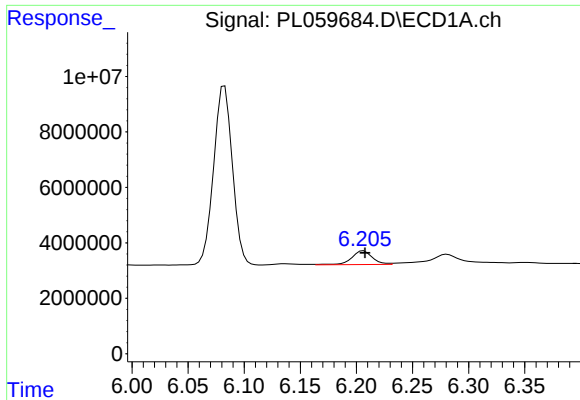
#15 Endosulfan II

R.T.: 6.352 min  
Delta R.T.: -0.004 min  
Response: 776468  
Conc: 0.51 ng/ml



#15 Endosulfan II

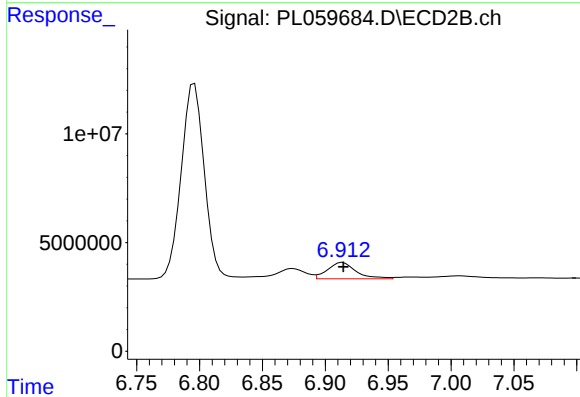
R.T.: 7.007 min  
Delta R.T.: 0.003 min  
Response: 3500804  
Conc: 1.36 ng/ml



#16 4,4'-DDD

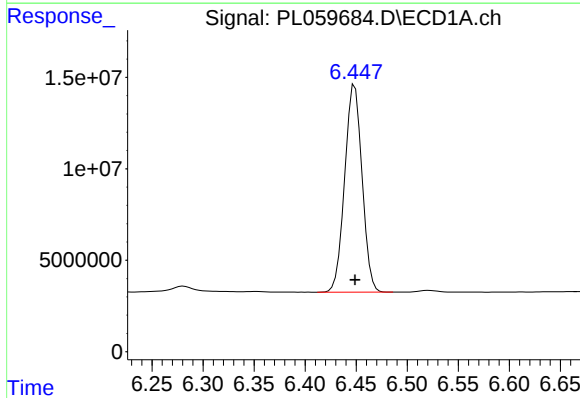
R.T.: 6.206 min  
Delta R.T.: -0.001 min  
Response: 6370915  
Conc: 4.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



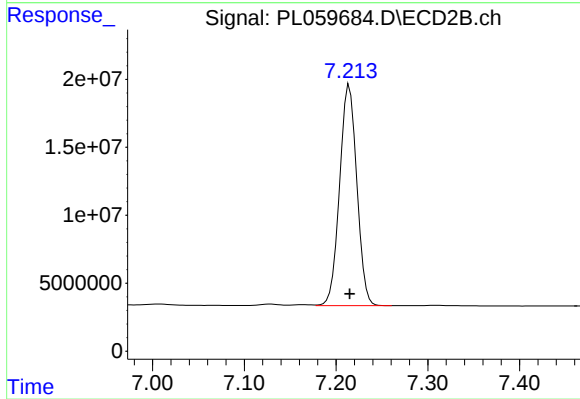
#16 4,4'-DDD

R.T.: 6.914 min  
Delta R.T.: 0.000 min  
Response: 11898960  
Conc: 5.00 ng/ml



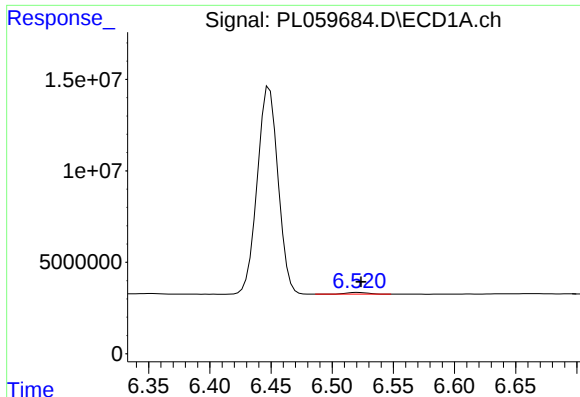
#17 4,4'-DDT

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 134185706  
Conc: 105.70 ng/ml



#17 4,4'-DDT

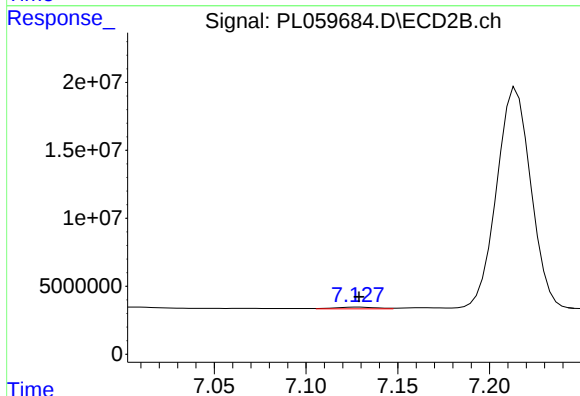
R.T.: 7.215 min  
Delta R.T.: 0.000 min  
Response: 211954697  
Conc: 93.72 ng/ml



#18 Endrin aldehyde

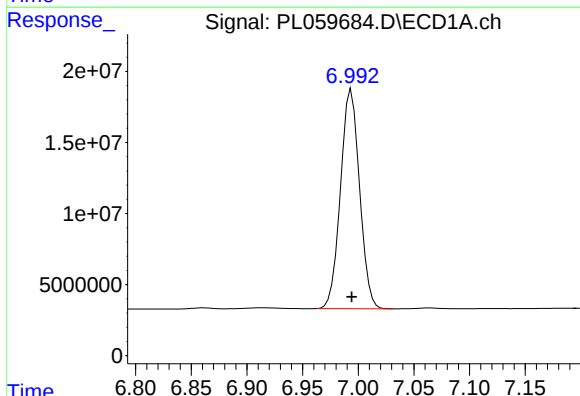
R.T.: 6.521 min  
Delta R.T.: -0.002 min  
Response: 1199575  
Conc: 0.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



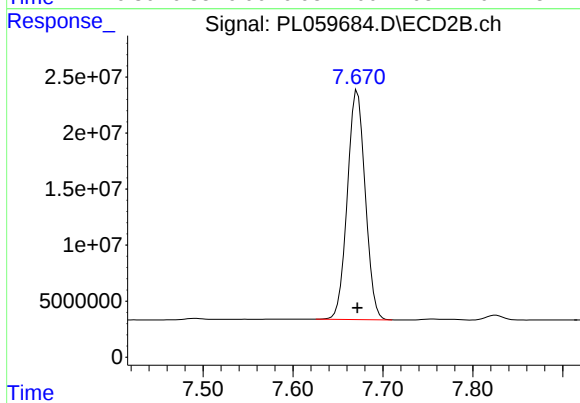
#18 Endrin aldehyde

R.T.: 7.128 min  
Delta R.T.: 0.000 min  
Response: 1877738  
Conc: 0.85 ng/ml



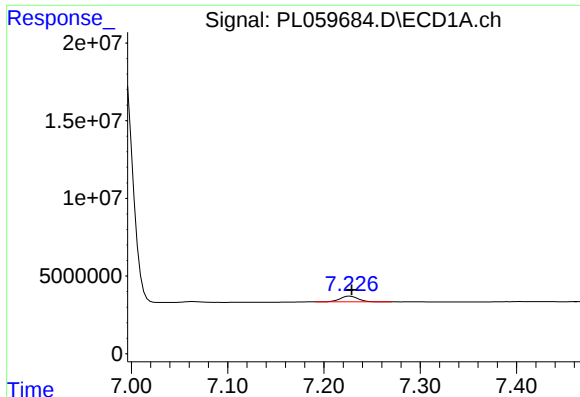
#20 Methoxychlor

R.T.: 6.994 min  
Delta R.T.: 0.000 min  
Response: 183697487  
Conc: 240.03 ng/ml



#20 Methoxychlor

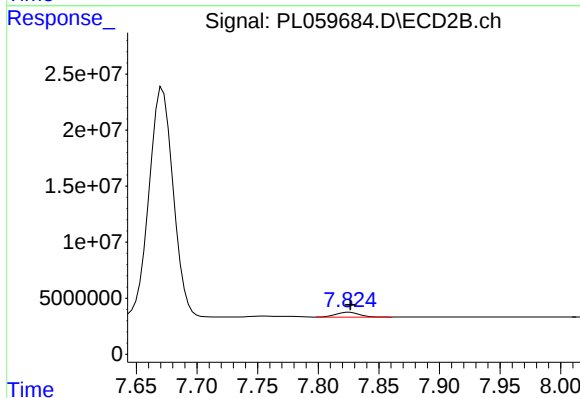
R.T.: 7.672 min  
Delta R.T.: 0.000 min  
Response: 282159117  
Conc: 218.51 ng/ml



#21 Endrin ketone

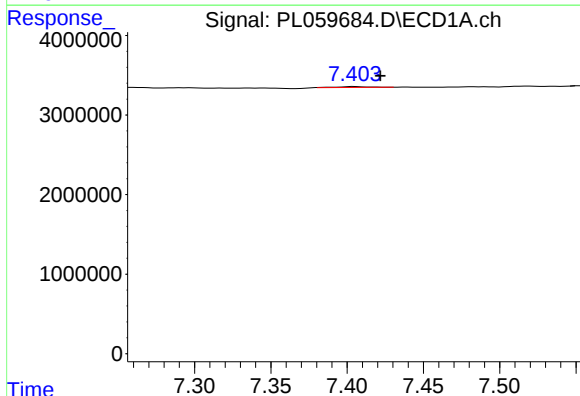
R.T.: 7.227 min  
Delta R.T.: -0.001 min  
Response: 4797359  
Conc: 2.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



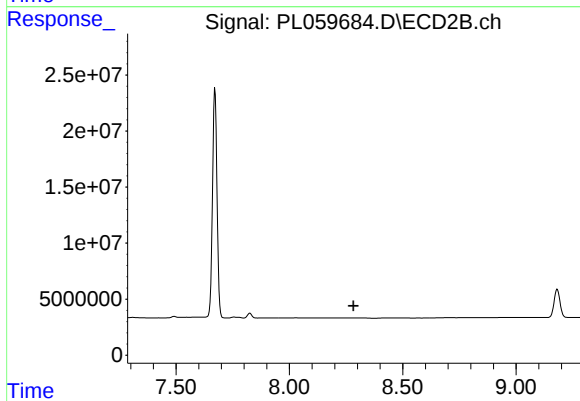
#21 Endrin ketone

R.T.: 7.826 min  
Delta R.T.: 0.000 min  
Response: 5730522  
Conc: 2.27 ng/ml



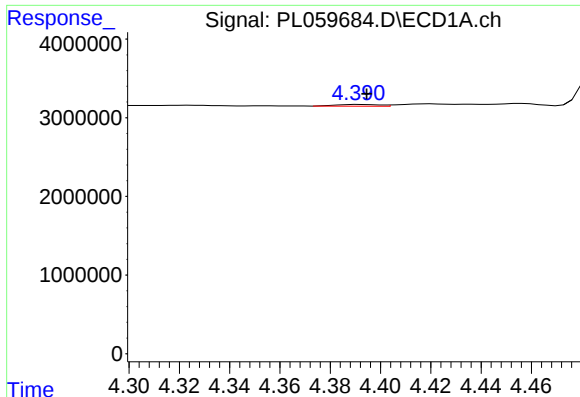
#22 Mirex

R.T.: 7.405 min  
Delta R.T.: -0.017 min  
Response: 136015  
Conc: 0.10 ng/ml



#22 Mirex

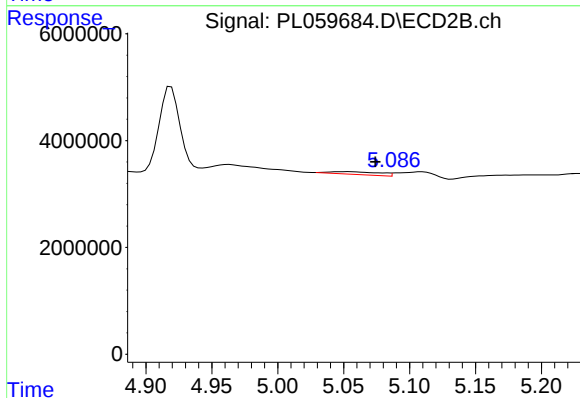
R.T.: 0.000 min  
Exp R.T.: 8.283 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

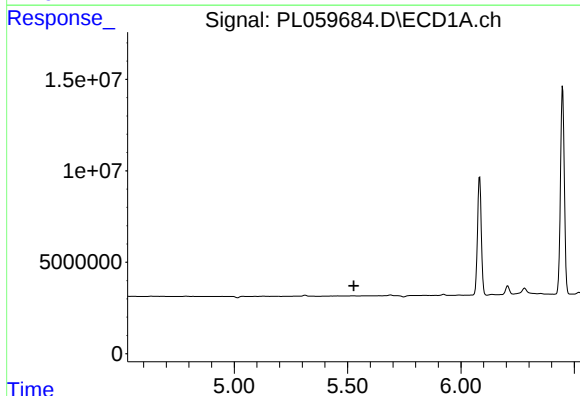
R.T.: 4.392 min  
Delta R.T.: -0.003 min  
Response: 253204  
Conc: 4.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



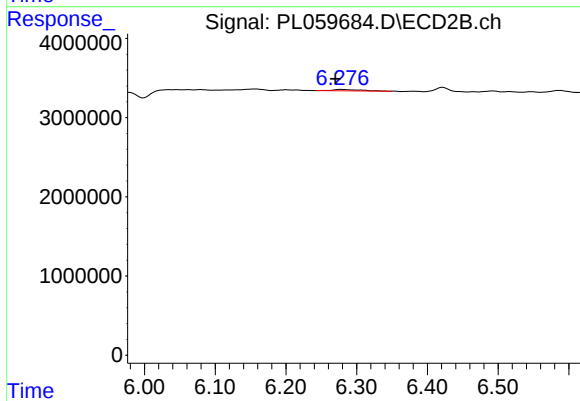
#23 Chlordane-1

R.T.: 5.053 min  
Delta R.T.: -0.021 min  
Response: 1356296  
Conc: 12.56 ng/ml



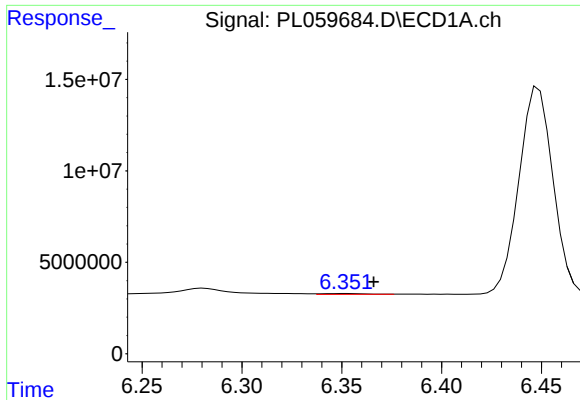
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.527 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

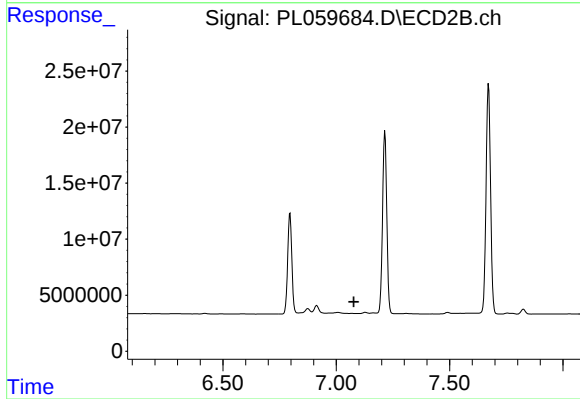
R.T.: 6.278 min  
Delta R.T.: 0.008 min  
Response: 509444  
Conc: 1.13 ng/ml



#27 Chlordane-5

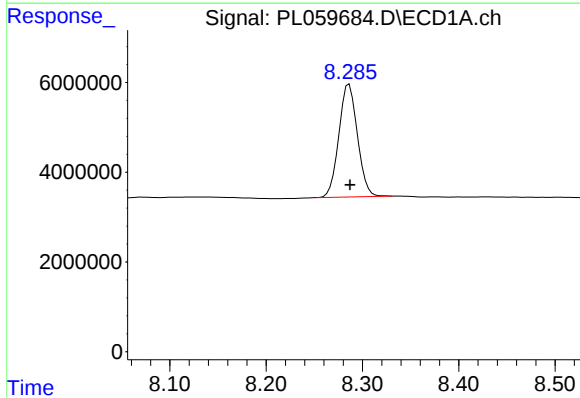
R.T.: 6.352 min  
Delta R.T.: -0.014 min  
Response: 776468  
Conc: 15.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



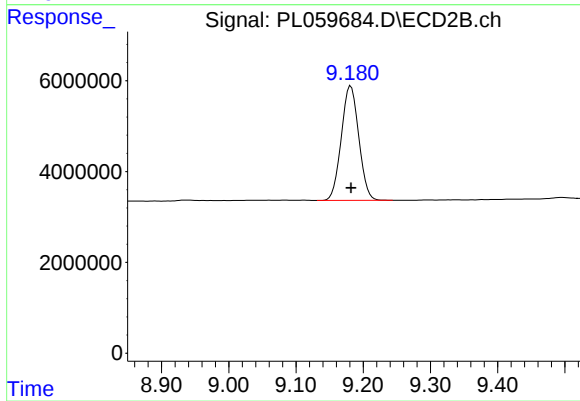
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.078 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.286 min  
Delta R.T.: 0.000 min  
Response: 33598919  
Conc: 21.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.181 min  
Delta R.T.: 0.000 min  
Response: 45404800  
Conc: 20.89 ng/ml