

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121318\  
 Data File : PL043126.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Dec 2018 01:20  
 Operator : AJ\SJ  
 Sample : PB115636BS  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 P001-TW001-01

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 03:27:58 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 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... | 3.464  | 4.098  | 118.0E6  | 59193034 | 19.245  | 19.971   |
| 28)                         | SA Decachlor... | 8.198  | 9.223  | 117.6E6  | 45929438 | 18.016  | 17.608   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.893  | 0.000  | 2437466  | 0        | 0.258   | N.D. #   |
| 3)                          | MA gamma-BHC... | 4.152f | 0.000  | 4604003  | 0        | 0.533   | N.D. #   |
| 4)                          | MA Heptachlor   | 0.000  | 5.296  | 0        | 30096989 | N.D.    | 7.347 #  |
| 6)                          | B beta-BHC      | 4.398f | 4.903f | 6345850  | 520760   | 1.720   | 0.308 #  |
| 7)                          | B delta-BHC     | 0.000  | 5.157  | 0        | 11272992 | N.D.    | 2.623 #  |
| 8)                          | B Heptachlo...  | 5.221f | 5.984  | 9270598  | 14847449 | 1.170   | 3.915 #  |
| 10)                         | B gamma-Chl...  | 5.416  | 6.194f | 634359   | 7644430  | 0.079   | 2.081 #  |
| 11)                         | B alpha-Chl...  | 5.416f | 0.000  | 634359   | 0        | 0.080   | N.D. #   |
| 12)                         | B 4,4'-DDE      | 5.656f | 6.480  | 1742219  | 1062192  | 0.252   | 0.293    |
| 13)                         | MA Dieldrin     | 5.761  | 6.599  | 13760922 | 7845299  | 1.770   | 2.164    |
| 14)                         | MA Endrin       | 6.001  | 6.888f | 4802701  | 1855660  | 0.667   | 0.594    |
| 15)                         | B Endosulfa...  | 6.266  | 7.022  | 1087452  | 1939932  | 0.163   | 0.641 #  |
| 16)                         | A 4,4'-DDD      | 6.196f | 6.954  | 10570002 | 13737139 | 1.864   | 4.684 #  |
| 17)                         | MA 4,4'-DDT     | 6.367  | 7.299f | 15221615 | 5525465  | 2.559   | 1.881 #  |
| 18)                         | B Endrin al...  | 6.459  | 0.000  | 831039   | 0        | 0.151   | N.D. #   |
| 19)                         | B Endosulfa...  | 6.653  | 0.000  | 9624014  | 0        | 1.437   | N.D. #   |
| 21)                         | B Endrin ke...  | 7.171  | 7.819f | 3023993  | 6968910  | 0.418   | 2.280 #  |
| 23)                         | Chlordane-1     | 4.337  | 5.157  | 1253165  | 11272992 | 4.664   | 79.762 # |
| 24)                         | Chlordane-2     | 4.821  | 0.000  | 59747348 | 0        | 208.159 | N.D. #   |
| 25)                         | Chlordane-3     | 5.416  | 6.194  | 634359   | 7644430  | 0.763   | 15.567 # |
| 26)                         | Chlordane-4     | 5.416  | 0.000  | 634359   | 0        | 0.839   | N.D. #   |
| 27)                         | Chlordane-5     | 6.266  | 0.000  | 1087452  | 0        | 4.534   | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

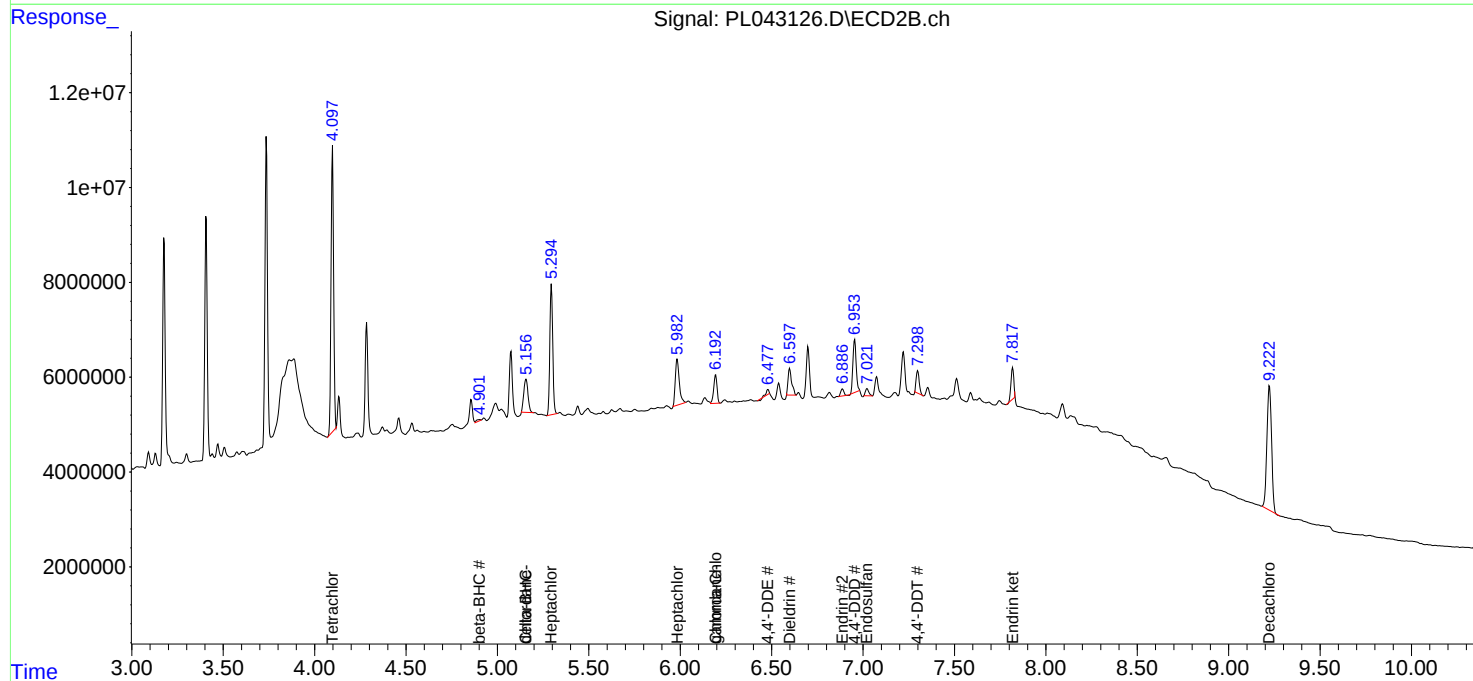
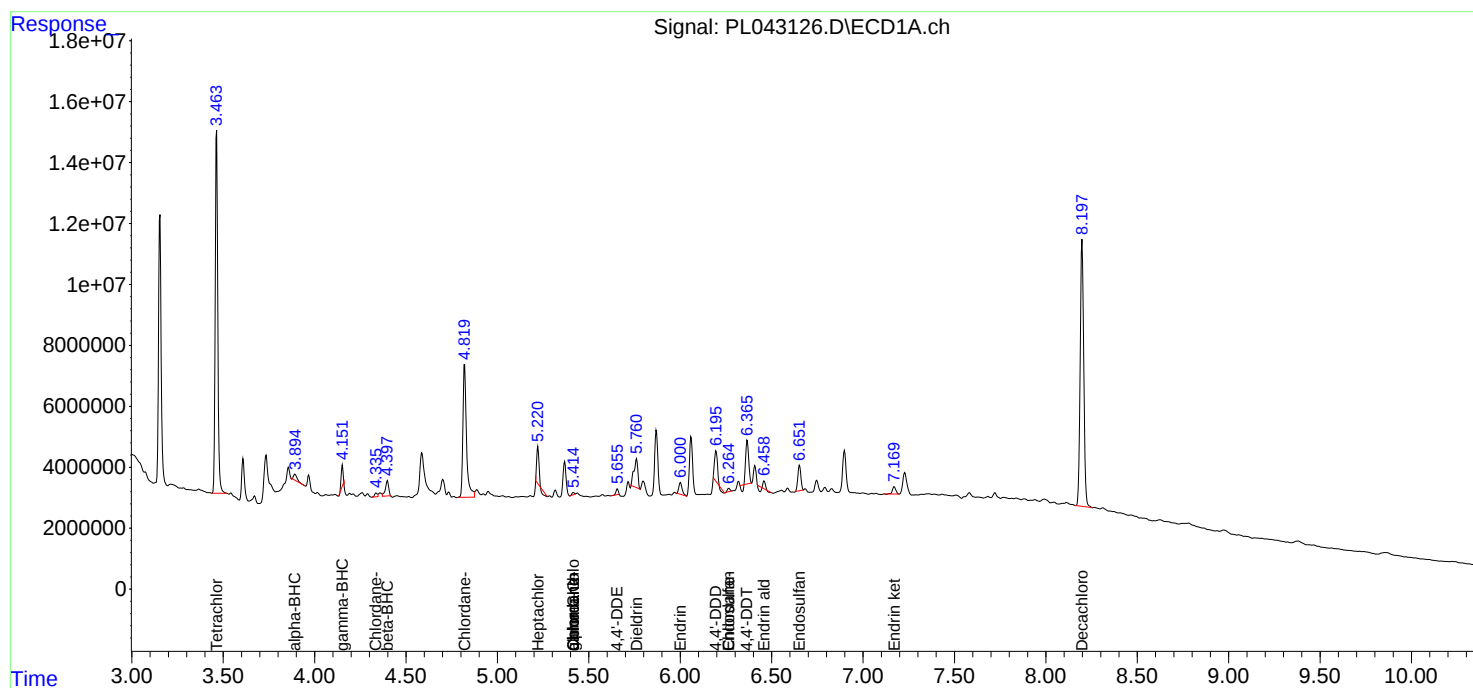
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

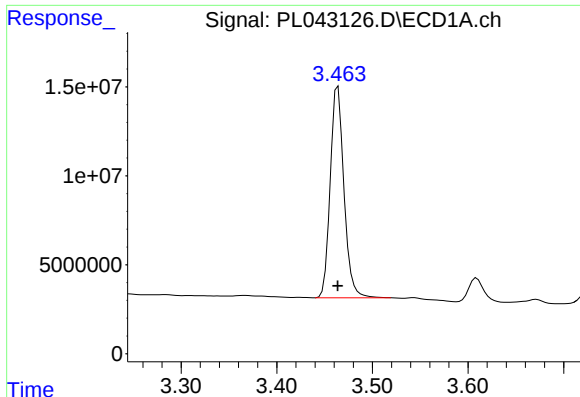
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121318\  
Data File : PL043126.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Dec 2018 01:20  
Operator : AJ\SJ  
Sample : PB115636BS  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
P001-TW001-01

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 03:27:58 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 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

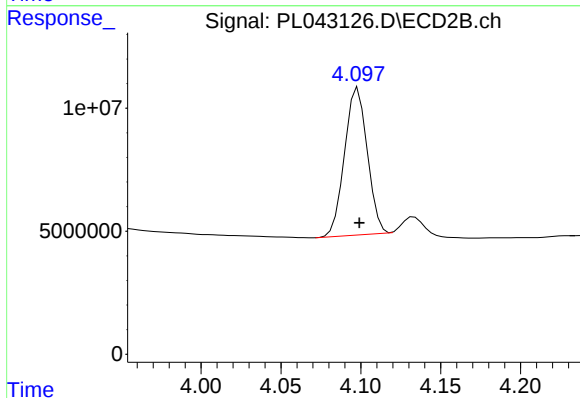




#1 Tetrachloro-m-xylene

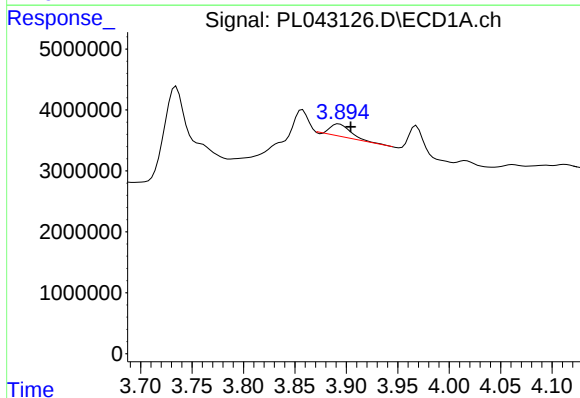
R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 118029892  
Conc: 19.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-TW001-01



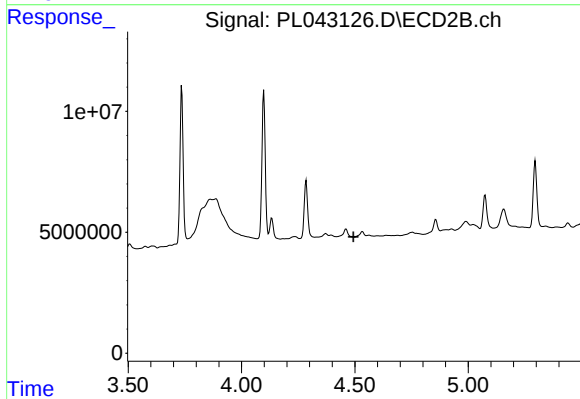
#1 Tetrachloro-m-xylene

R.T.: 4.098 min  
Delta R.T.: 0.000 min  
Response: 59193034  
Conc: 19.97 ng/ml



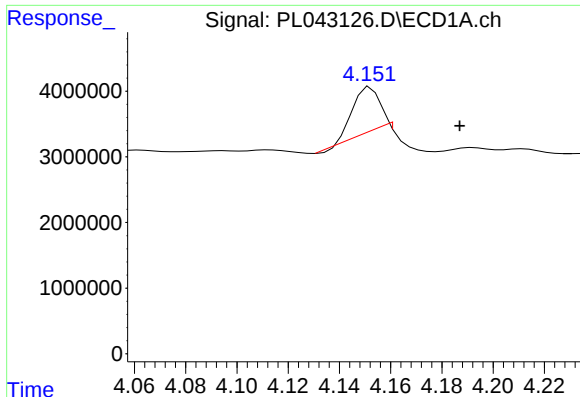
#2 alpha-BHC

R.T.: 3.893 min  
Delta R.T.: -0.011 min  
Response: 2437466  
Conc: 0.26 ng/ml



#2 alpha-BHC

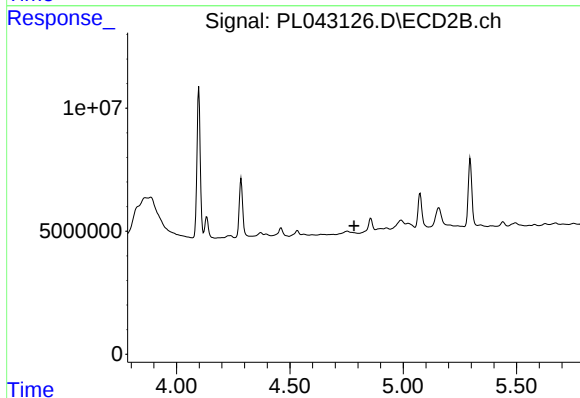
R.T.: 0.000 min  
Exp R.T.: 4.494 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

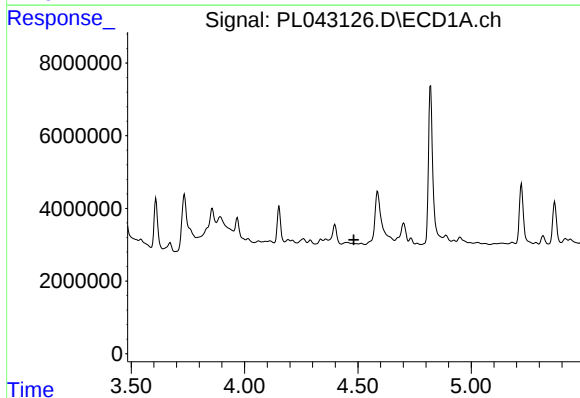
R.T.: 4.152 min  
Delta R.T.: -0.035 min  
Response: 4604003  
Conc: 0.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-TW001-01



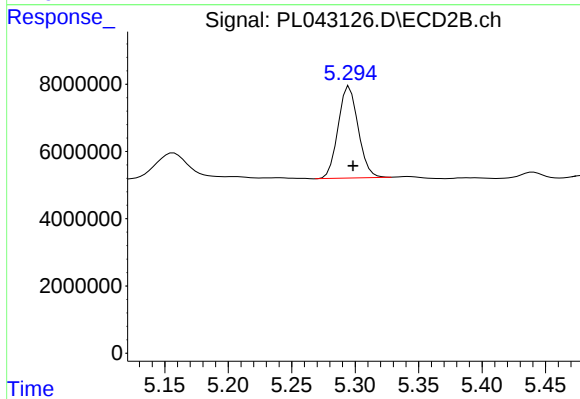
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.783 min  
Response: 0  
Conc: N.D.



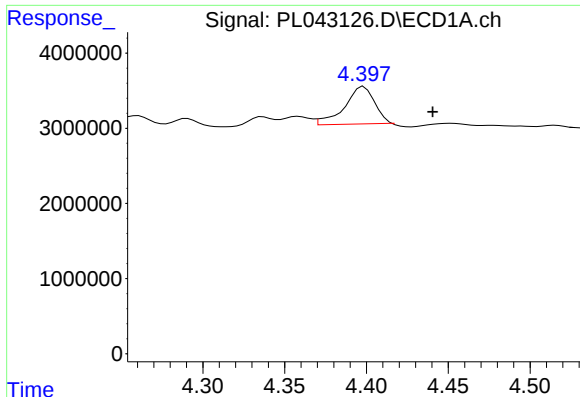
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.482 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

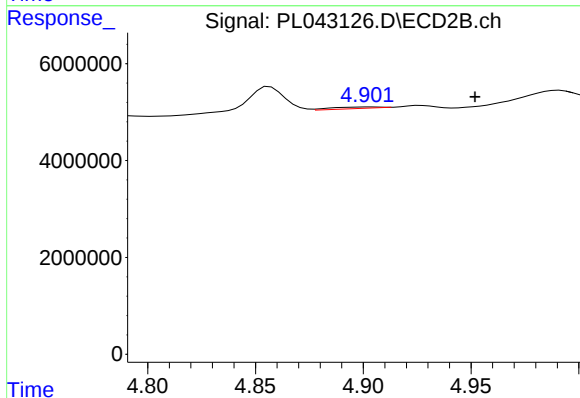
R.T.: 5.296 min  
Delta R.T.: -0.003 min  
Response: 30096989  
Conc: 7.35 ng/ml



#6 beta-BHC

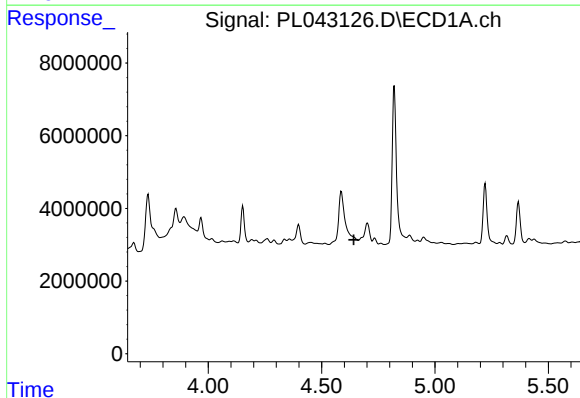
R.T.: 4.398 min  
Delta R.T.: -0.042 min  
Response: 6345850  
Conc: 1.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-TW001-01



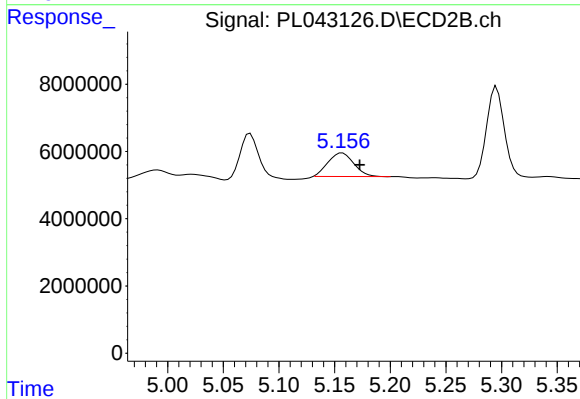
#6 beta-BHC

R.T.: 4.903 min  
Delta R.T.: -0.049 min  
Response: 520760  
Conc: 0.31 ng/ml



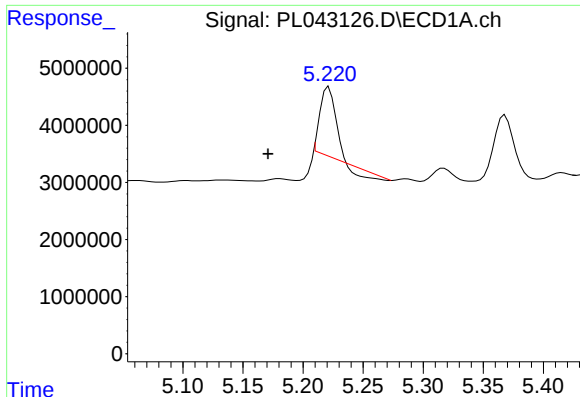
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.643 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

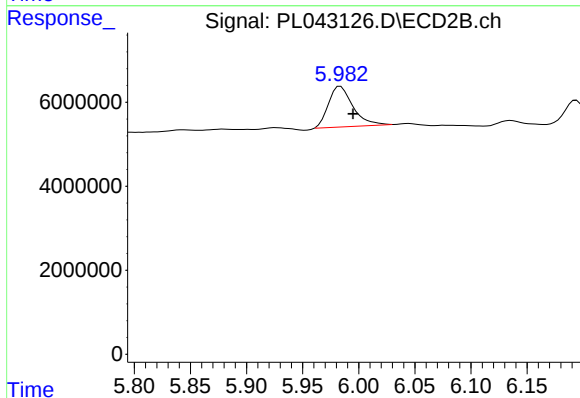
R.T.: 5.157 min  
Delta R.T.: -0.016 min  
Response: 11272992  
Conc: 2.62 ng/ml



#8 Heptachlor epoxide

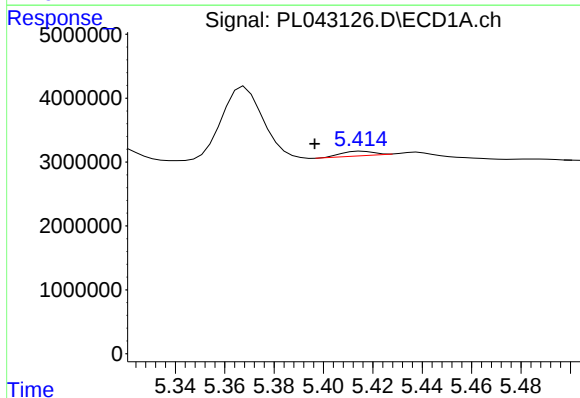
R.T.: 5.221 min  
Delta R.T.: 0.051 min  
Response: 9270598  
Conc: 1.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-TW001-01



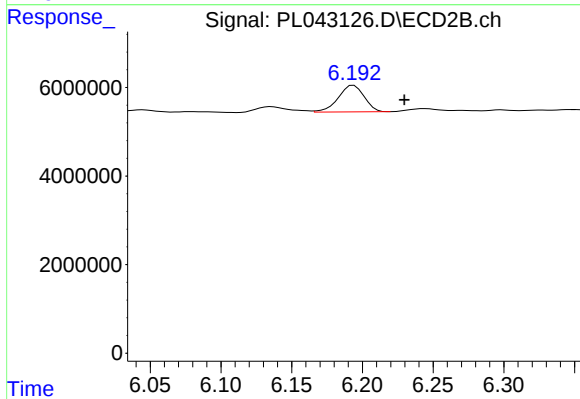
#8 Heptachlor epoxide

R.T.: 5.984 min  
Delta R.T.: -0.011 min  
Response: 14847449  
Conc: 3.92 ng/ml



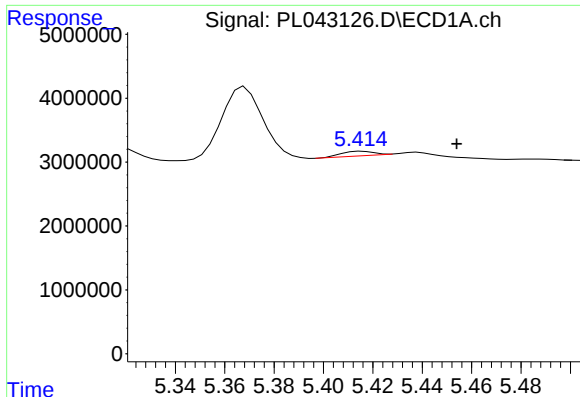
#10 gamma-Chlordane

R.T.: 5.416 min  
Delta R.T.: 0.019 min  
Response: 634359  
Conc: 0.08 ng/ml



#10 gamma-Chlordane

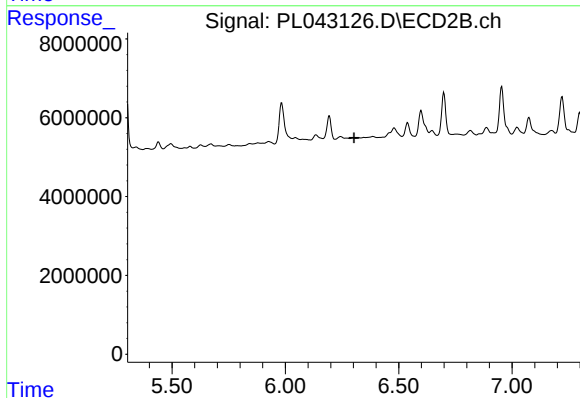
R.T.: 6.194 min  
Delta R.T.: -0.036 min  
Response: 7644430  
Conc: 2.08 ng/ml



#11 alpha-Chlordane

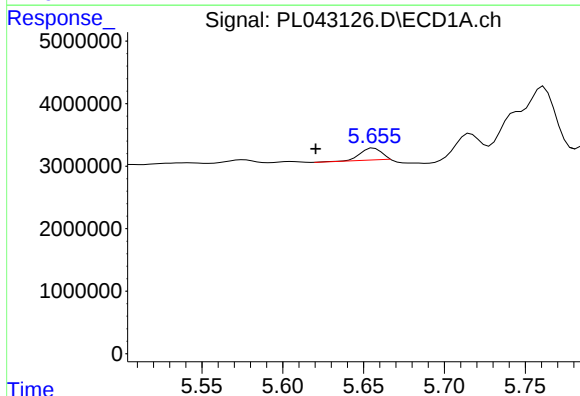
R.T.: 5.416 min  
Delta R.T.: -0.038 min  
Response: 634359  
Conc: 0.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-TW001-01



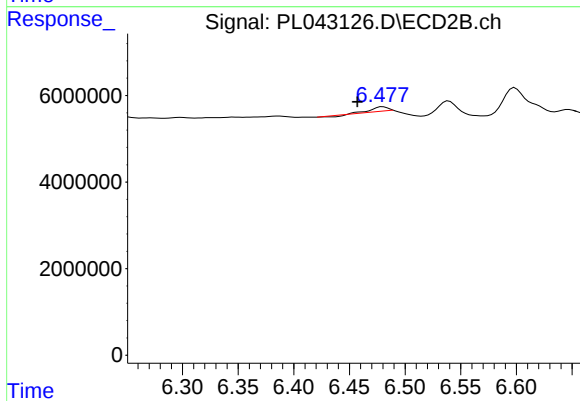
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.303 min  
Response: 0  
Conc: N.D.



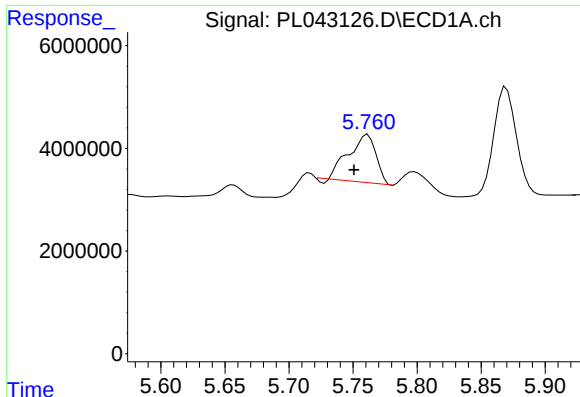
#12 4,4'-DDE

R.T.: 5.656 min  
Delta R.T.: 0.036 min  
Response: 1742219  
Conc: 0.25 ng/ml



#12 4,4'-DDE

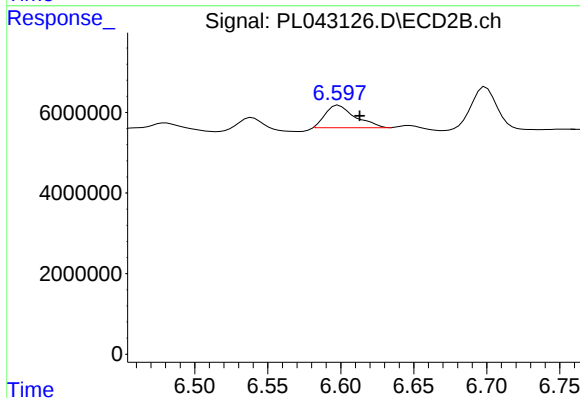
R.T.: 6.480 min  
Delta R.T.: 0.023 min  
Response: 1062192  
Conc: 0.29 ng/ml



#13 Dieldrin

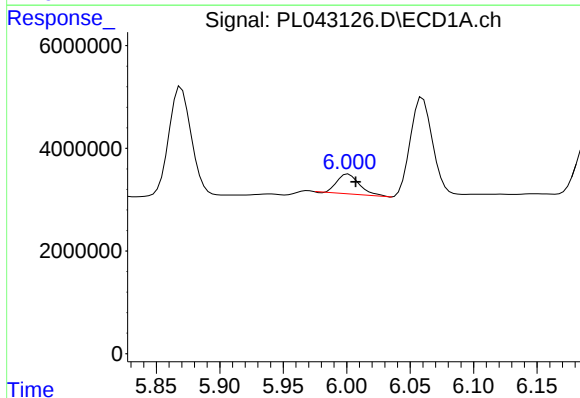
R.T.: 5.761 min  
Delta R.T.: 0.010 min  
Response: 13760922  
Conc: 1.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-TW001-01



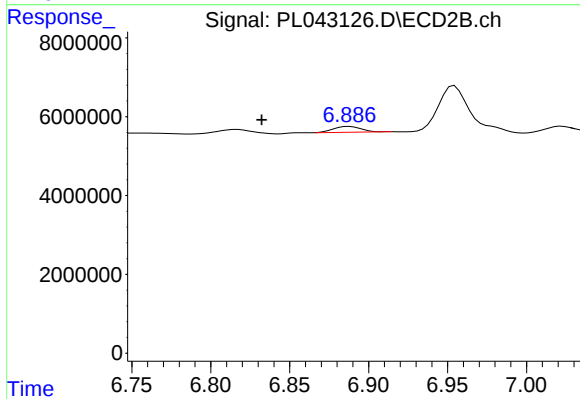
#13 Dieldrin

R.T.: 6.599 min  
Delta R.T.: -0.014 min  
Response: 7845299  
Conc: 2.16 ng/ml



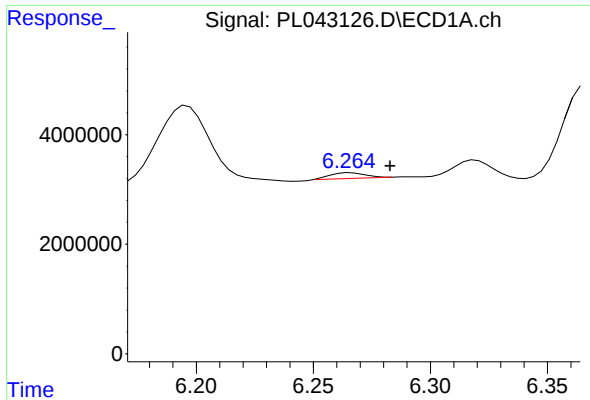
#14 Endrin

R.T.: 6.001 min  
Delta R.T.: -0.006 min  
Response: 4802701  
Conc: 0.67 ng/ml



#14 Endrin

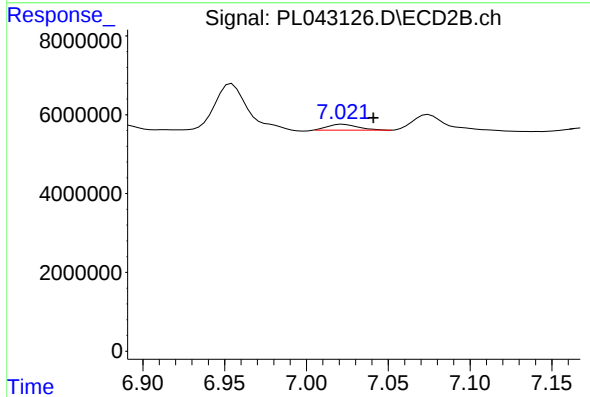
R.T.: 6.888 min  
Delta R.T.: 0.055 min  
Response: 1855660  
Conc: 0.59 ng/ml



#15 Endosulfan II

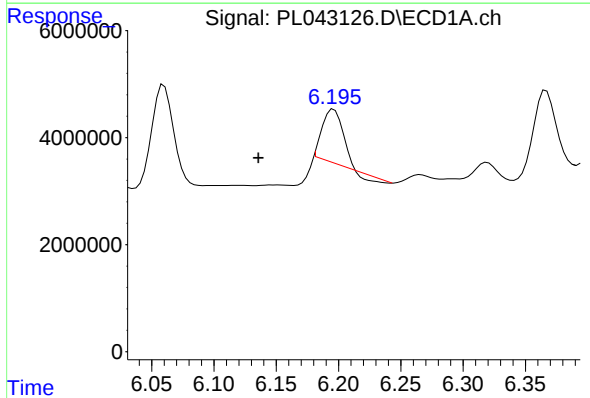
R.T.: 6.266 min  
Delta R.T.: -0.017 min  
Response: 1087452  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-TW001-01



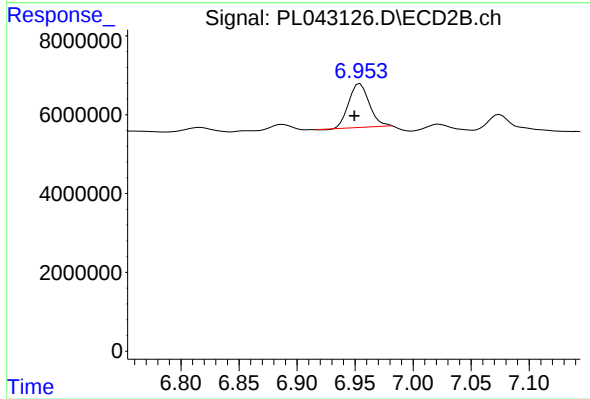
#15 Endosulfan II

R.T.: 7.022 min  
Delta R.T.: -0.019 min  
Response: 1939932  
Conc: 0.64 ng/ml



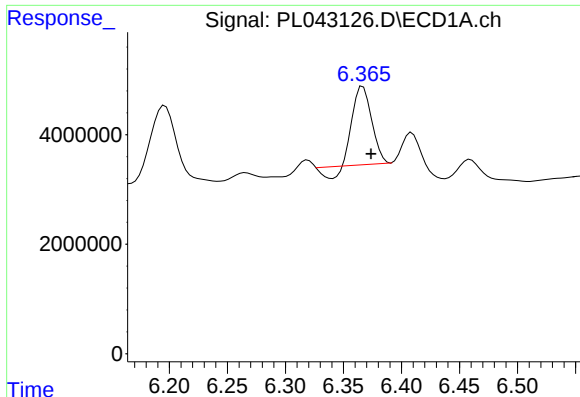
#16 4,4'-DDD

R.T.: 6.196 min  
Delta R.T.: 0.060 min  
Response: 10570002  
Conc: 1.86 ng/ml



#16 4,4'-DDD

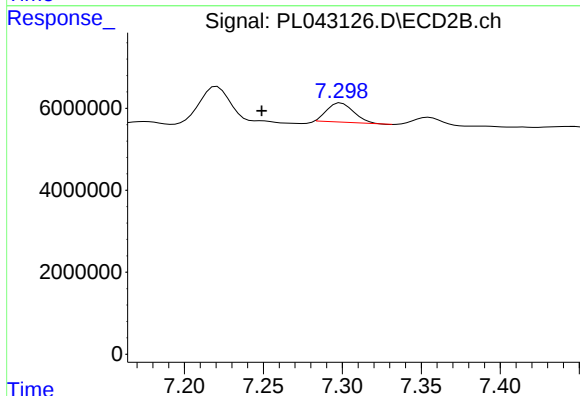
R.T.: 6.954 min  
Delta R.T.: 0.005 min  
Response: 13737139  
Conc: 4.68 ng/ml



#17 4,4'-DDT

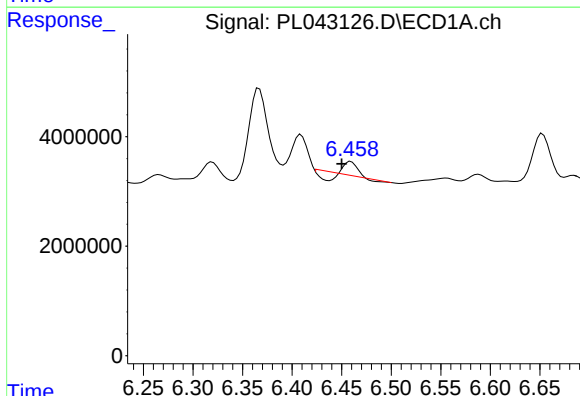
R.T.: 6.367 min  
Delta R.T.: -0.007 min  
Response: 15221615  
Conc: 2.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-TW001-01



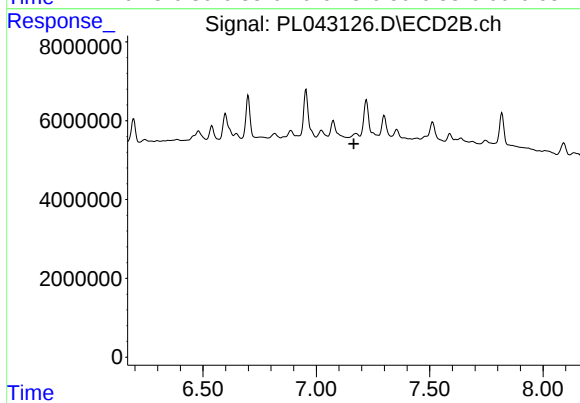
#17 4,4'-DDT

R.T.: 7.299 min  
Delta R.T.: 0.050 min  
Response: 5525465  
Conc: 1.88 ng/ml



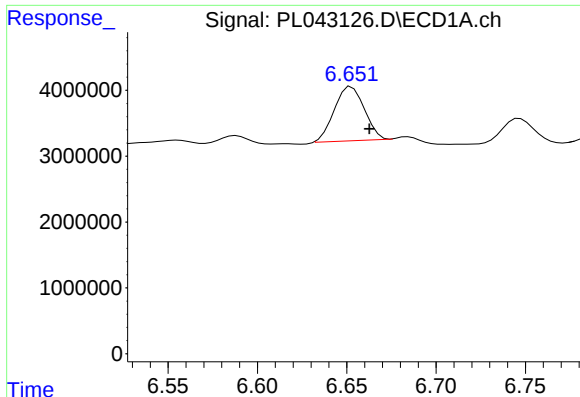
#18 Endrin aldehyde

R.T.: 6.459 min  
Delta R.T.: 0.009 min  
Response: 831039  
Conc: 0.15 ng/ml



#18 Endrin aldehyde

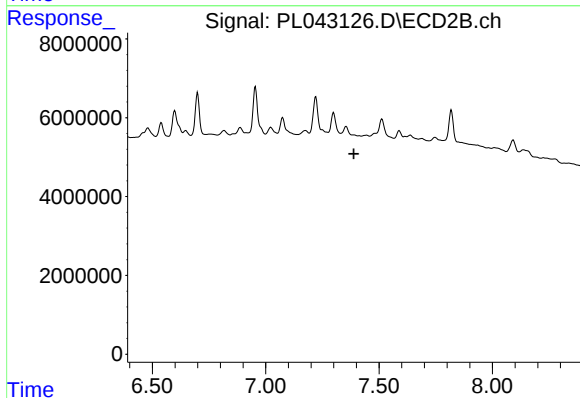
R.T.: 0.000 min  
Exp R.T.: 7.165 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

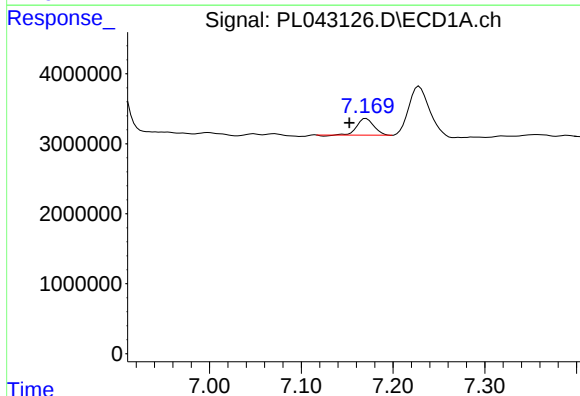
R.T.: 6.653 min  
Delta R.T.: -0.010 min  
Response: 9624014  
Conc: 1.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-TW001-01



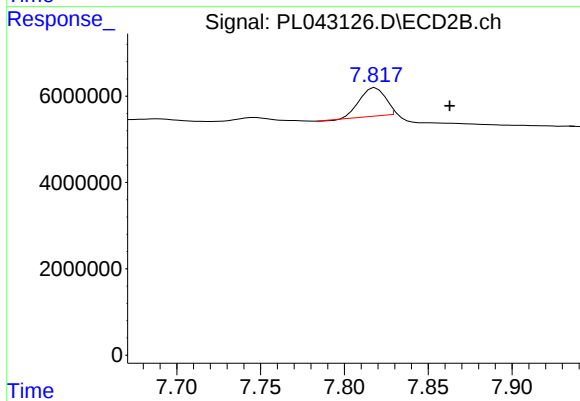
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.389 min  
Response: 0  
Conc: N.D.



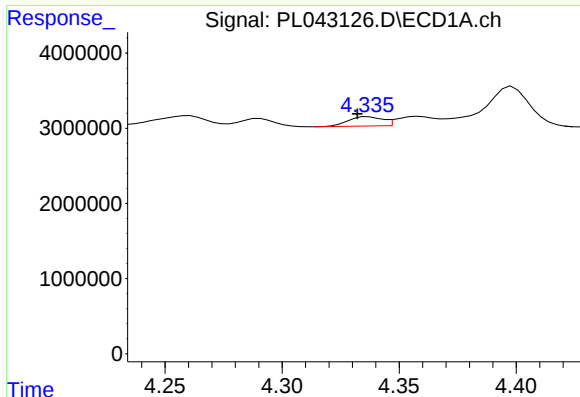
#21 Endrin ketone

R.T.: 7.171 min  
Delta R.T.: 0.018 min  
Response: 3023993  
Conc: 0.42 ng/ml



#21 Endrin ketone

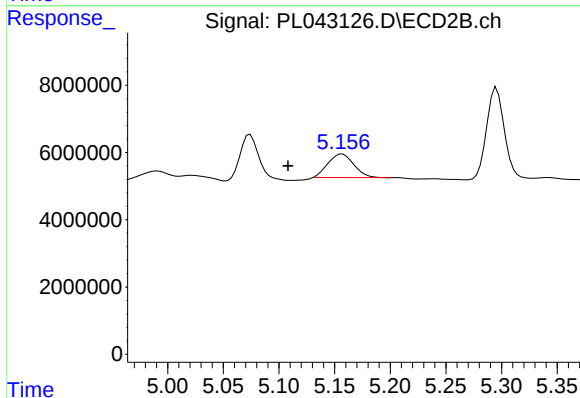
R.T.: 7.819 min  
Delta R.T.: -0.044 min  
Response: 6968910  
Conc: 2.28 ng/ml



#23 Chlordane-1

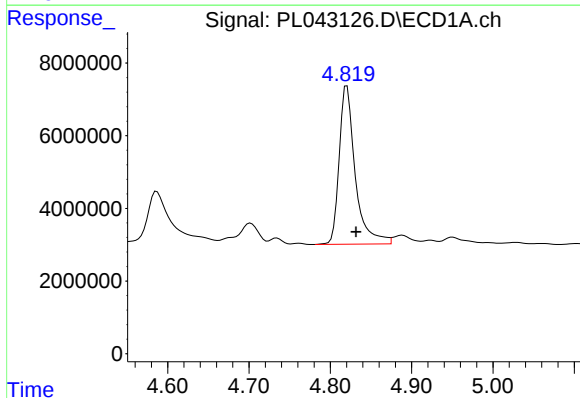
R.T.: 4.337 min  
Delta R.T.: 0.005 min  
Response: 1253165  
Conc: 4.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-TW001-01



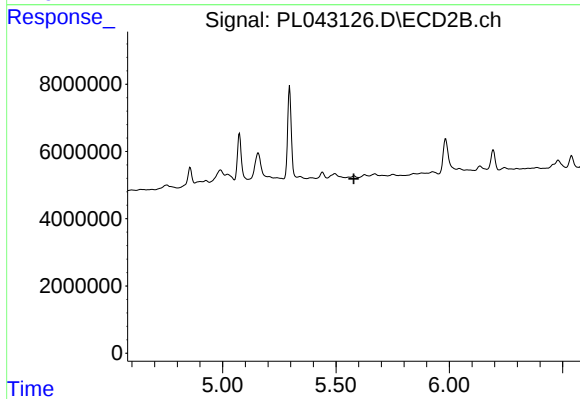
#23 Chlordane-1

R.T.: 5.157 min  
Delta R.T.: 0.049 min  
Response: 11272992  
Conc: 79.76 ng/ml



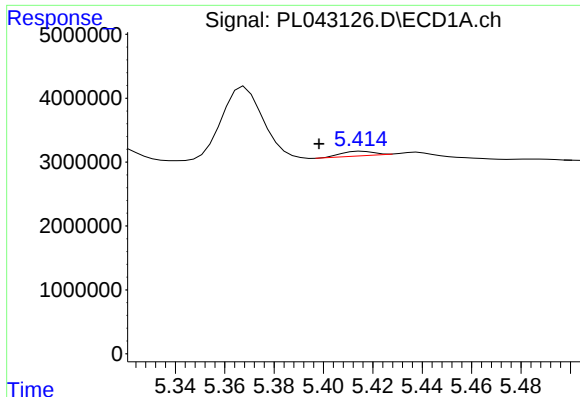
#24 Chlordane-2

R.T.: 4.821 min  
Delta R.T.: -0.011 min  
Response: 59747348  
Conc: 208.16 ng/ml



#24 Chlordane-2

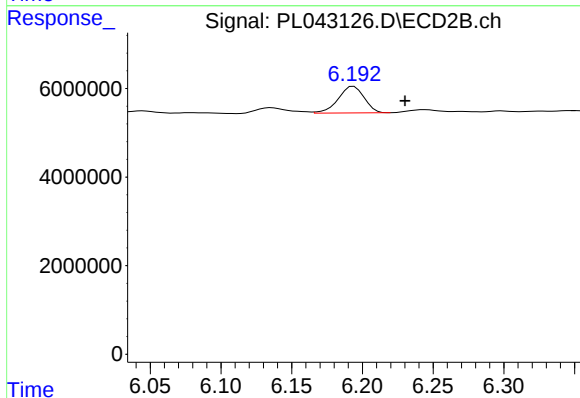
R.T.: 0.000 min  
Exp R.T.: 5.579 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

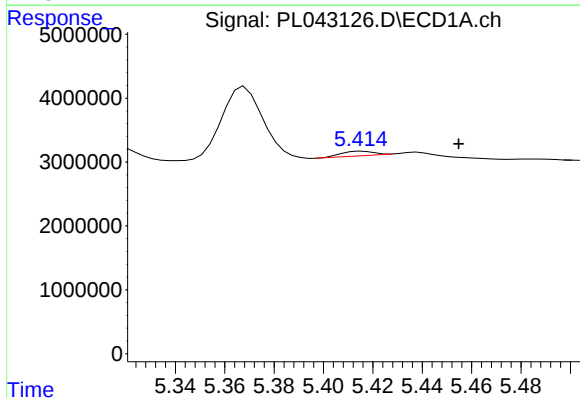
R.T.: 5.416 min  
Delta R.T.: 0.018 min  
Response: 634359  
Conc: 0.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-TW001-01



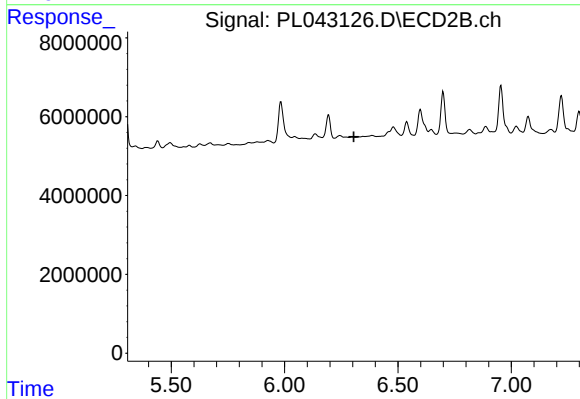
#25 Chlordane-3

R.T.: 6.194 min  
Delta R.T.: -0.036 min  
Response: 7644430  
Conc: 15.57 ng/ml



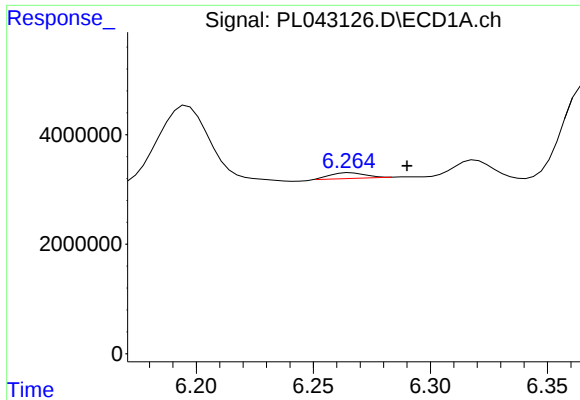
#26 Chlordane-4

R.T.: 5.416 min  
Delta R.T.: -0.039 min  
Response: 634359  
Conc: 0.84 ng/ml



#26 Chlordane-4

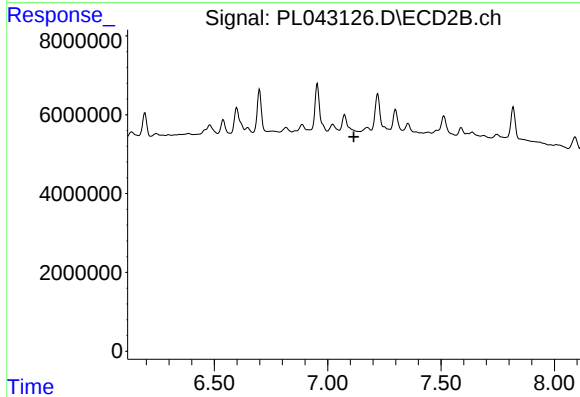
R.T.: 0.000 min  
Exp R.T.: 6.305 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

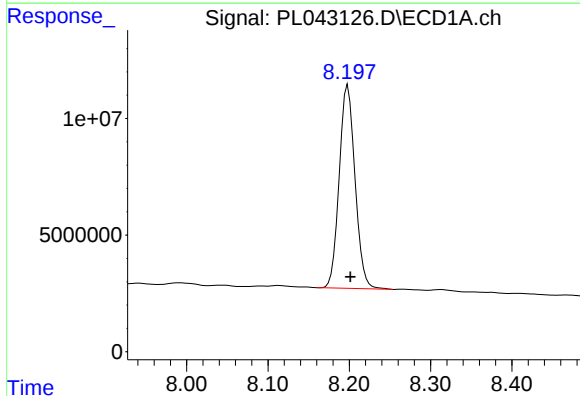
R.T.: 6.266 min  
Delta R.T.: -0.024 min  
Response: 1087452  
Conc: 4.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P001-TW001-01



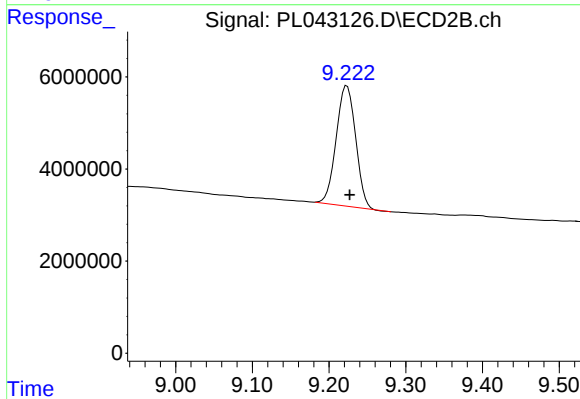
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.115 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.198 min  
Delta R.T.: -0.003 min  
Response: 117647121  
Conc: 18.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.223 min  
Delta R.T.: -0.004 min  
Response: 45929438  
Conc: 17.61 ng/ml