

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL063020\  
 Data File : PL059555.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Jun 2020 09:51  
 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: Jun 30 14:01:34 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 30 13:56:32 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  | 32976629 | 49236814 | 18.361  | 18.514   |
| 28)                         | SA Decachlor... | 8.287  | 9.182  | 29938962 | 43595685 | 19.501  | 20.056   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.957  | 4.462  | 21786316 | 32503053 | 8.470   | 8.347    |
| 3)                          | MA gamma-BHC... | 4.242  | 4.750  | 17162928 | 30598743 | 7.572   | 8.367    |
| 4)                          | MA Heptachlor   | 0.000  | 5.257  | 0        | 2776104  | N.D.    | 0.779 #  |
| 5)                          | MB Aldrin       | 4.804  | 5.564  | 188069   | 424593   | 0.110   | 0.134    |
| 6)                          | B beta-BHC      | 4.491  | 4.918  | 7129432  | 14424521 | 7.599   | 9.368    |
| 9)                          | A Endosulfan I  | 5.580  | 6.298f | 157257   | 1500309  | 0.102   | 0.556 #  |
| 10)                         | B gamma-Chl...  | 5.452f | 6.221f | 328702   | 5930586  | 0.201   | 2.012 #  |
| 11)                         | B alpha-Chl...  | 5.542f | 6.280  | 166282   | 2668703  | 0.101   | 0.902 #  |
| 12)                         | B 4,4'-DDE      | 5.688  | 6.423  | 448786   | -477364  | 0.299   | N.D. #   |
| 14)                         | MA Endrin       | 6.083  | 6.796  | 67239527 | 114.2E6  | 45.474  | 46.434   |
| 15)                         | B Endosulfa...  | 6.362  | 7.007  | 637092   | 2716208  | 0.420   | 1.057 #  |
| 16)                         | A 4,4'-DDD      | 6.206  | 0.000  | 1353714  | 0        | 1.014   | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.449  | 7.214  | 124.9E6  | 215.0E6  | 98.420  | 95.052   |
| 18)                         | B Endrin al...  | 6.517  | 0.000  | 439804   | 0        | 0.348   | N.D. #   |
| 20)                         | A Methoxychlor  | 6.994  | 7.672  | 173.9E6  | 285.7E6  | 227.289 | 221.360  |
| 21)                         | B Endrin ke...  | 7.227  | 7.824  | 765136   | 1011223  | 0.463   | 0.401    |
| 22)                         | Mirex           | 7.406f | 0.000  | 921717   | 0        | 0.710   | N.D. #   |
| 24)                         | Chlordane-2     | 0.000  | 5.527f | 0        | 770207   | N.D.    | 7.563 #  |
| 25)                         | Chlordane-3     | 5.452f | 6.221f | 328702   | 5930586  | 2.308   | 15.819 # |
| 26)                         | Chlordane-4     | 5.542  | 6.280  | 166282   | 2668703  | 1.391   | 5.925 #  |
| 27)                         | Chlordane-5     | 6.362  | 7.073  | 637092   | 5944202  | 12.401  | 68.307 # |
| -----                       |                 |        |        |          |          |         |          |

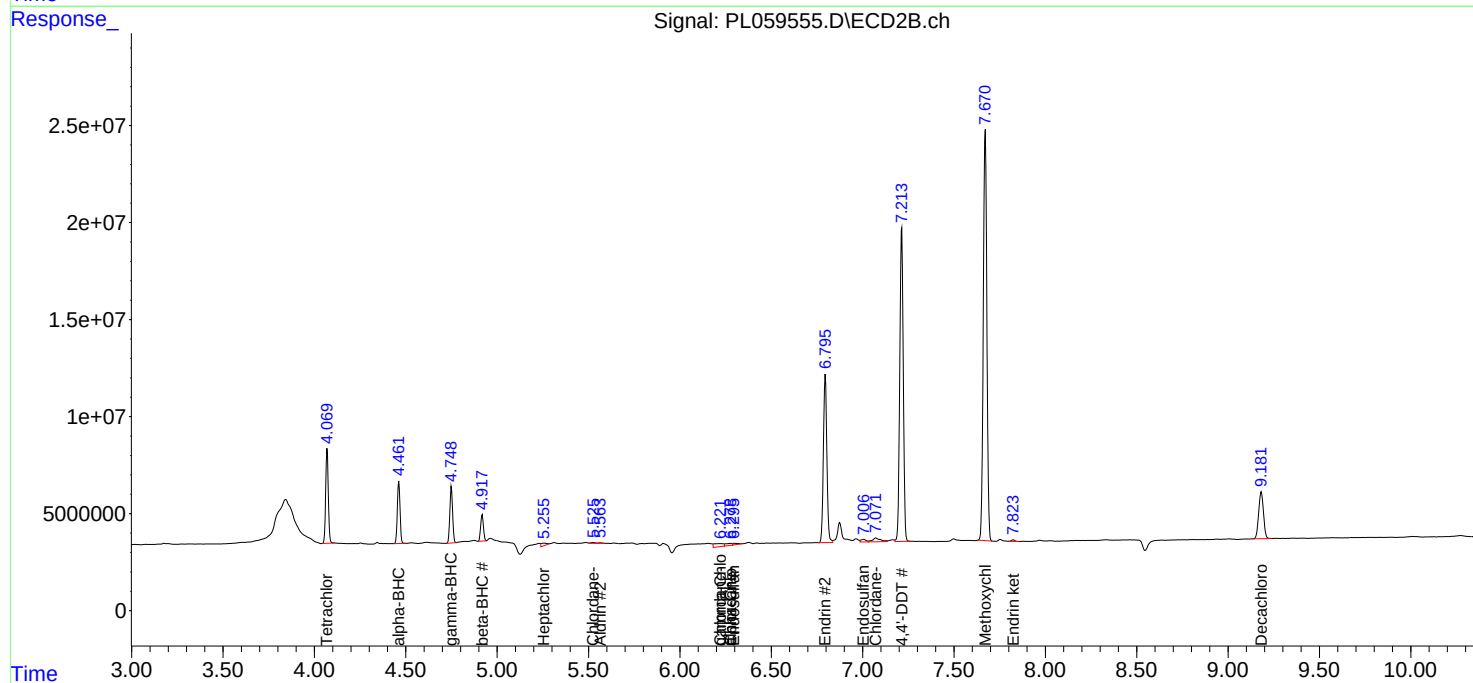
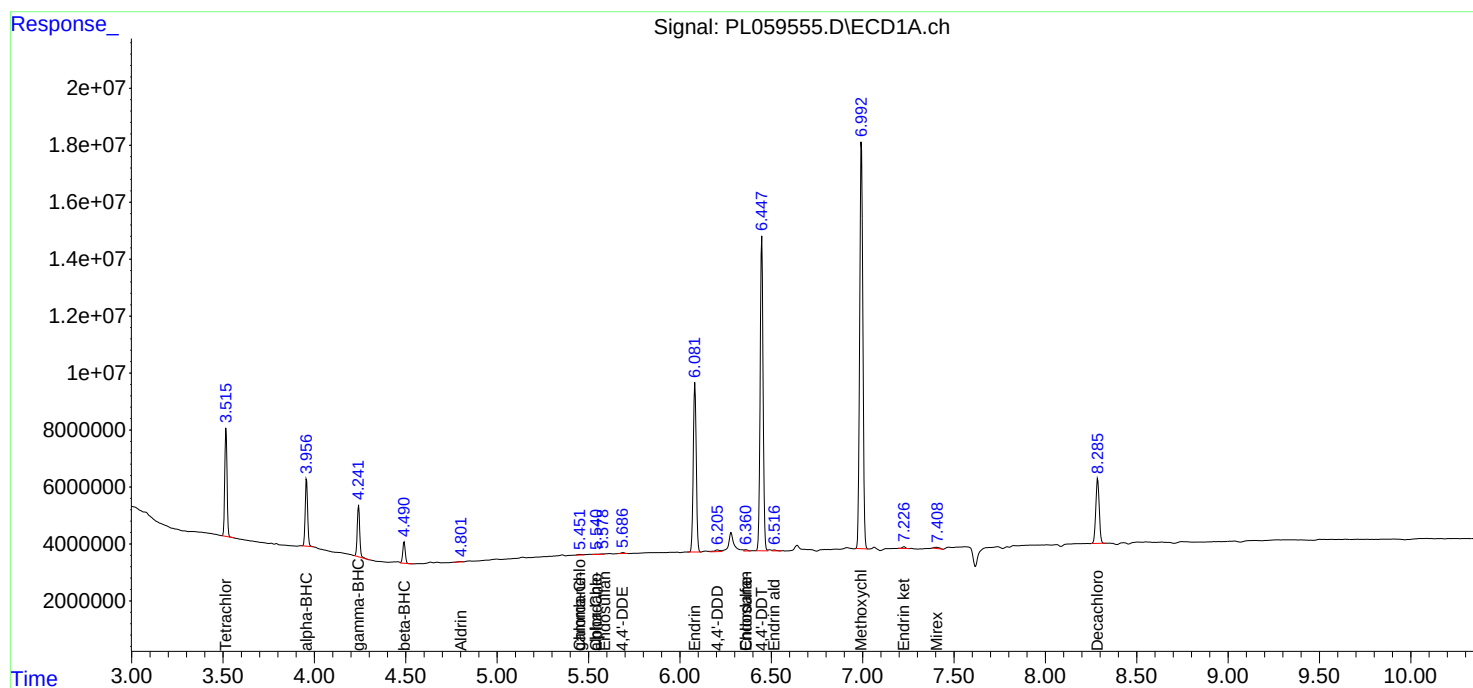
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

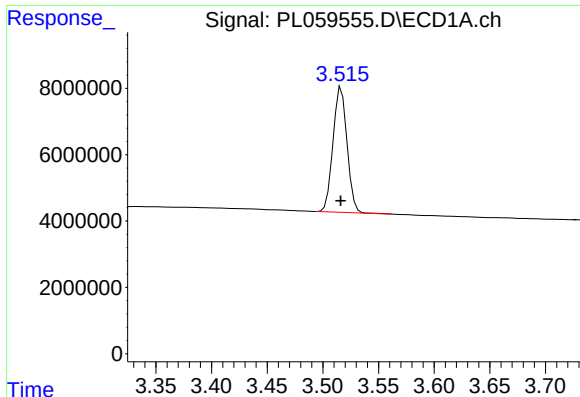
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL063020\  
Data File : PL059555.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Jun 2020 09:51  
Operator : AJ\MA  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 30 14:01:34 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL063020.M  
Quant Title : GC Extractables  
QLast Update : Tue Jun 30 13:56:32 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

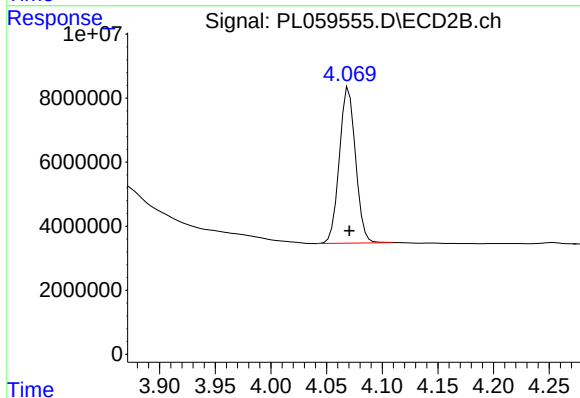




#1 Tetrachloro-m-xylene

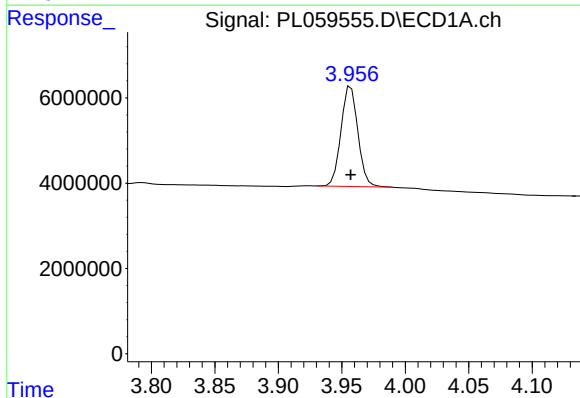
R.T.: 3.517 min  
Delta R.T.: 0.000 min  
Response: 32976629  
Conc: 18.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



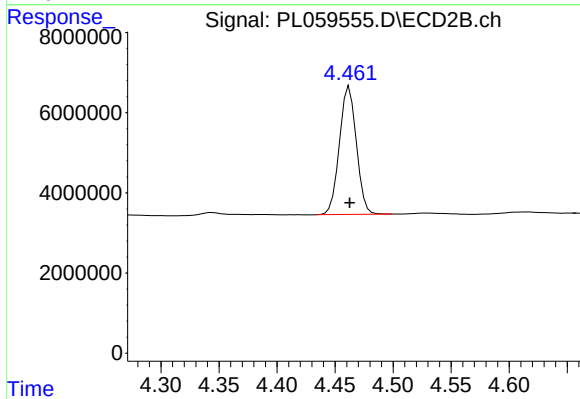
#1 Tetrachloro-m-xylene

R.T.: 4.070 min  
Delta R.T.: 0.000 min  
Response: 49236814  
Conc: 18.51 ng/ml



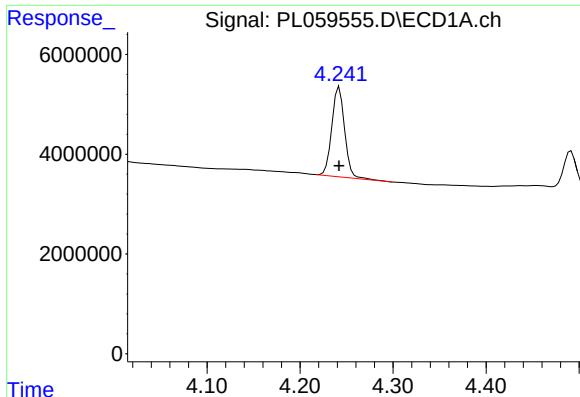
#2 alpha-BHC

R.T.: 3.957 min  
Delta R.T.: 0.000 min  
Response: 21786316  
Conc: 8.47 ng/ml



#2 alpha-BHC

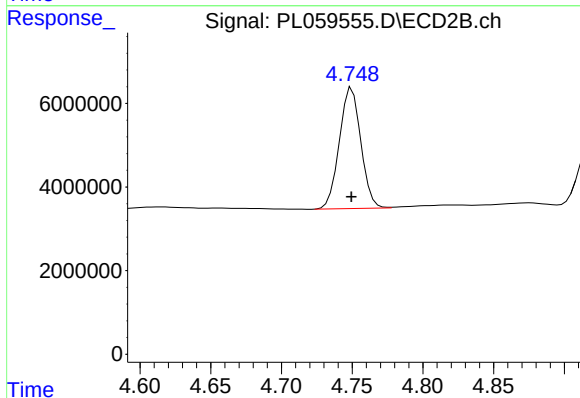
R.T.: 4.462 min  
Delta R.T.: 0.000 min  
Response: 32503053  
Conc: 8.35 ng/ml



#3 gamma-BHC (Lindane)

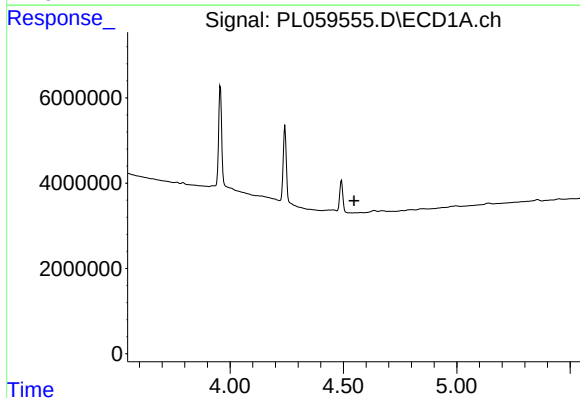
R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 17162928  
Conc: 7.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



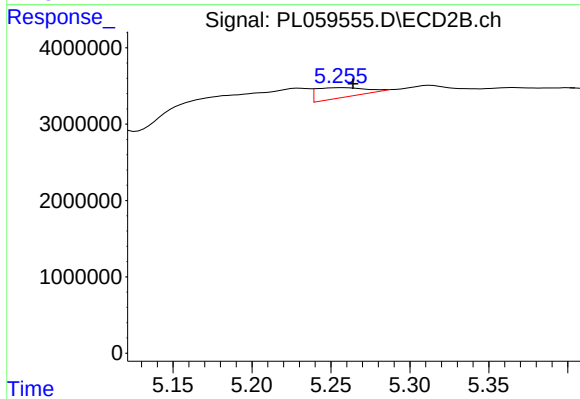
#3 gamma-BHC (Lindane)

R.T.: 4.750 min  
Delta R.T.: 0.000 min  
Response: 30598743  
Conc: 8.37 ng/ml



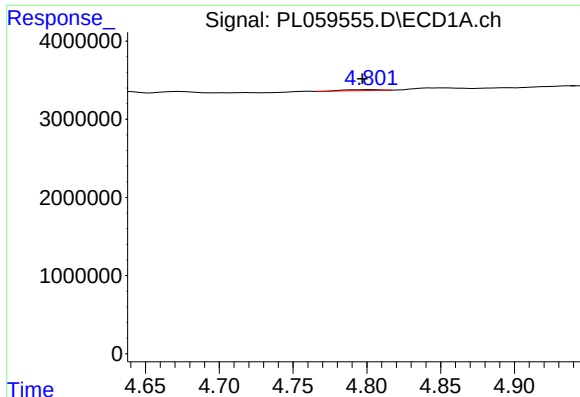
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.547 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

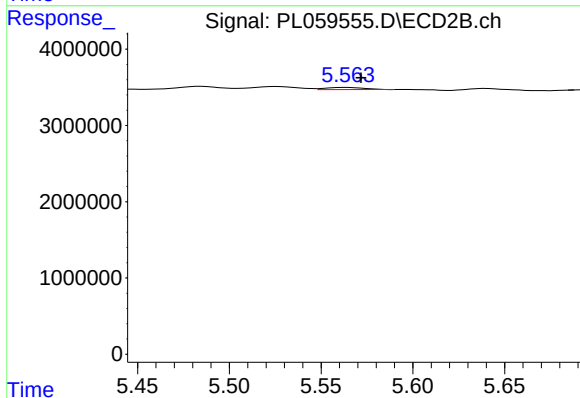
R.T.: 5.257 min  
Delta R.T.: -0.007 min  
Response: 2776104  
Conc: 0.78 ng/ml



#5 Aldrin

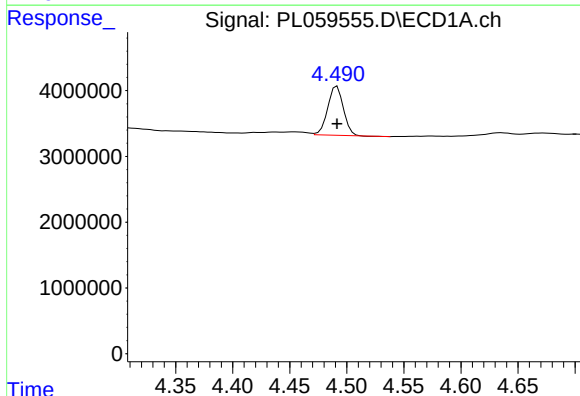
R.T.: 4.804 min  
Delta R.T.: 0.007 min  
Response: 188069  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



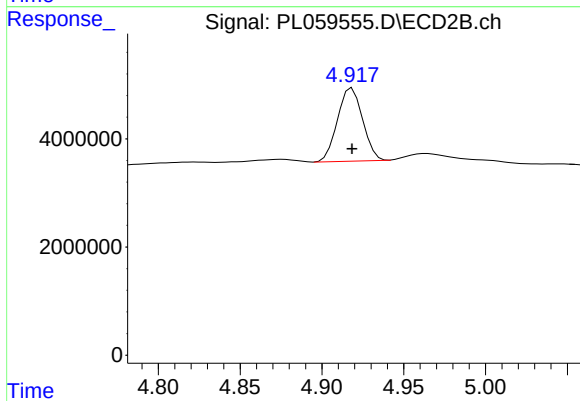
#5 Aldrin

R.T.: 5.564 min  
Delta R.T.: -0.008 min  
Response: 424593  
Conc: 0.13 ng/ml



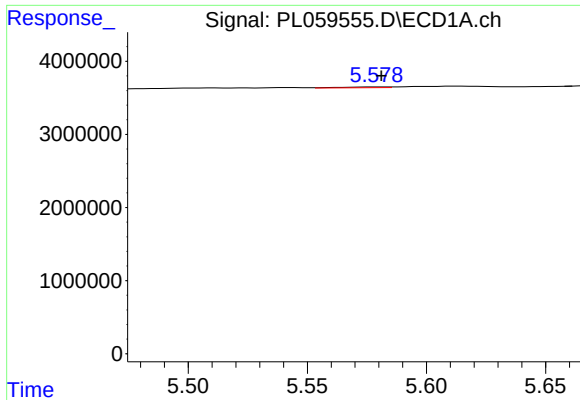
#6 beta-BHC

R.T.: 4.491 min  
Delta R.T.: 0.000 min  
Response: 7129432  
Conc: 7.60 ng/ml



#6 beta-BHC

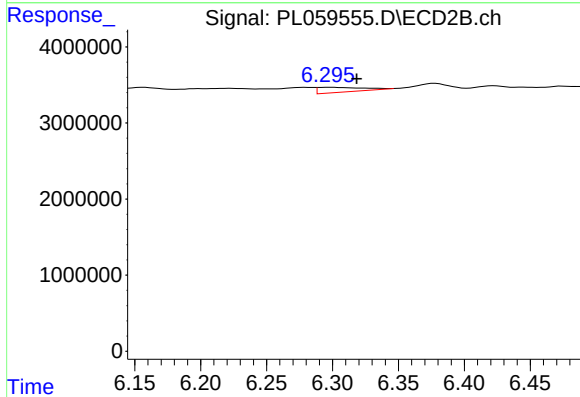
R.T.: 4.918 min  
Delta R.T.: 0.000 min  
Response: 14424521  
Conc: 9.37 ng/ml



#9 Endosulfan I

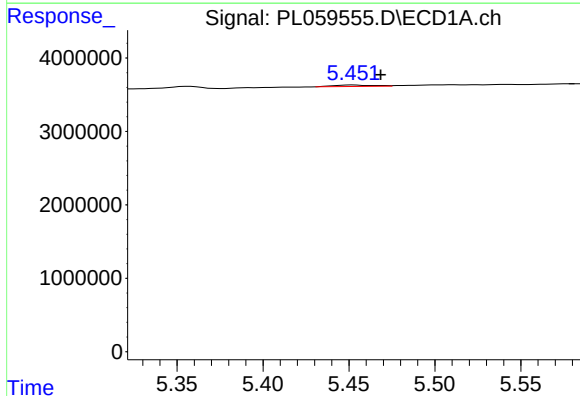
R.T.: 5.580 min  
Delta R.T.: -0.001 min  
Response: 157257  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



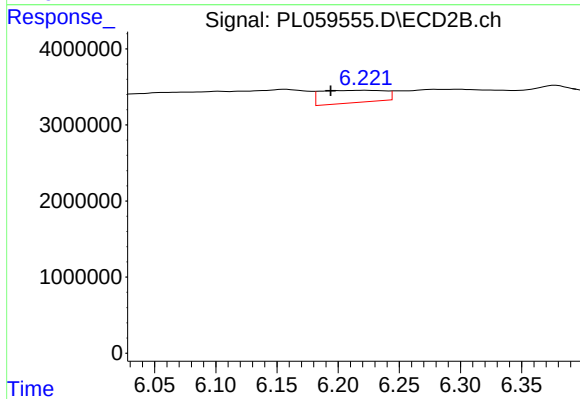
#9 Endosulfan I

R.T.: 6.298 min  
Delta R.T.: -0.020 min  
Response: 1500309  
Conc: 0.56 ng/ml



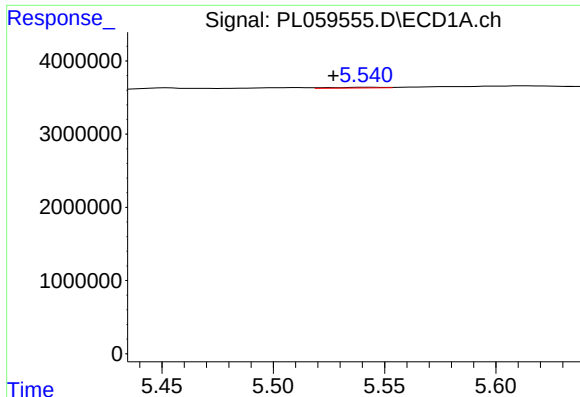
#10 gamma-Chlordane

R.T.: 5.452 min  
Delta R.T.: -0.016 min  
Response: 328702  
Conc: 0.20 ng/ml



#10 gamma-Chlordane

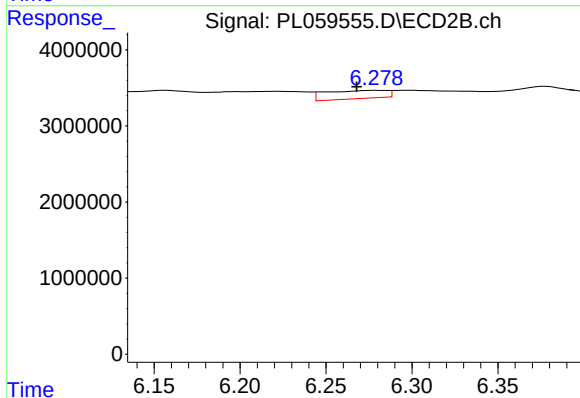
R.T.: 6.221 min  
Delta R.T.: 0.027 min  
Response: 5930586  
Conc: 2.01 ng/ml



#11 alpha-Chlordane

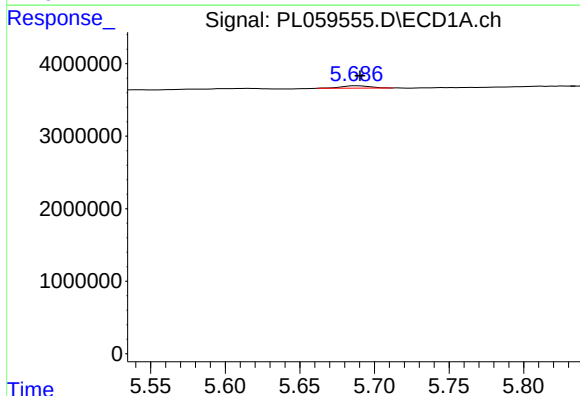
R.T.: 5.542 min  
Delta R.T.: 0.015 min  
Response: 166282  
Conc: 0.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



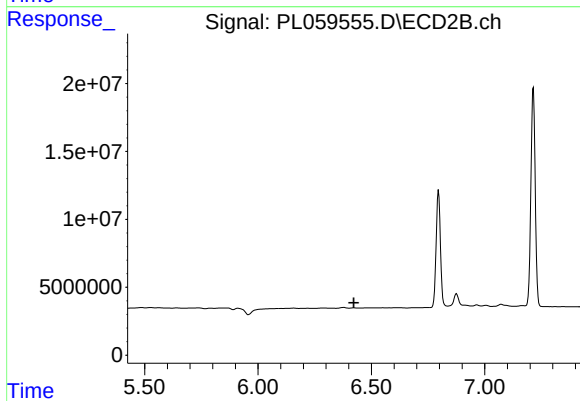
#11 alpha-Chlordane

R.T.: 6.280 min  
Delta R.T.: 0.013 min  
Response: 2668703  
Conc: 0.90 ng/ml



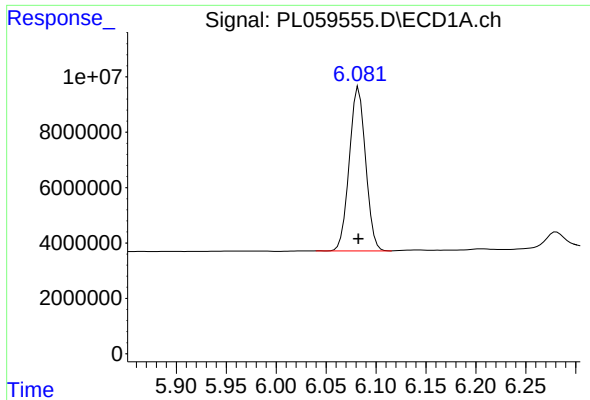
#12 4,4'-DDE

R.T.: 5.688 min  
Delta R.T.: -0.002 min  
Response: 448786  
Conc: 0.30 ng/ml



#12 4,4'-DDE

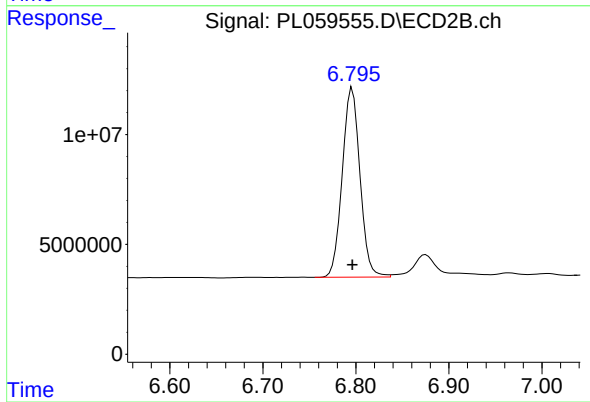
R.T.: 6.423 min  
Delta R.T.: 0.000 min  
Response: -477364  
Conc: N.D.



#14 Endrin

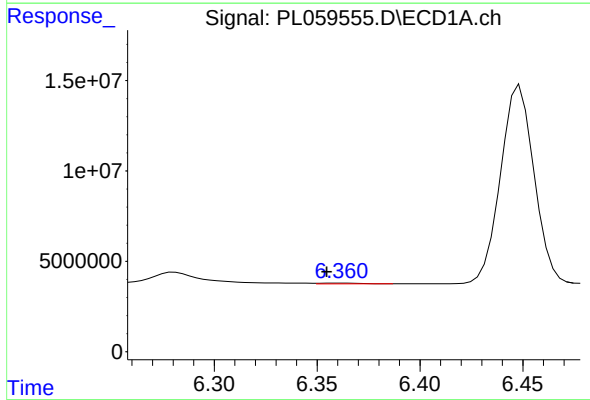
R.T.: 6.083 min  
Delta R.T.: 0.000 min  
Response: 67239527  
Conc: 45.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



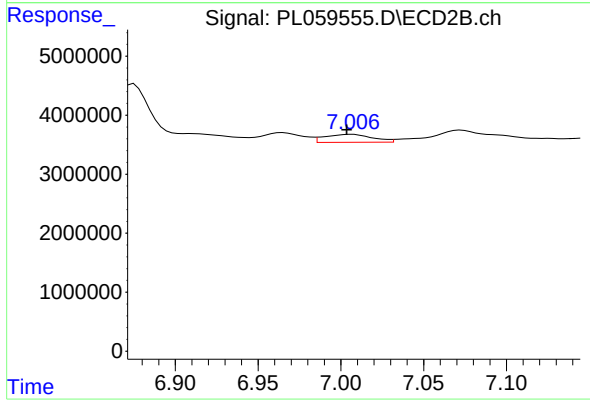
#14 Endrin

R.T.: 6.796 min  
Delta R.T.: 0.000 min  
Response: 114194531  
Conc: 46.43 ng/ml



#15 Endosulfan II

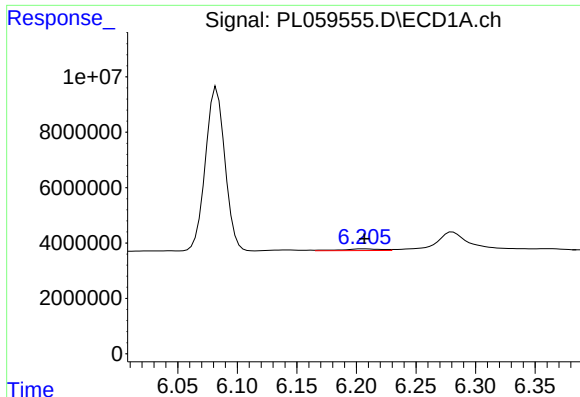
R.T.: 6.362 min  
Delta R.T.: 0.007 min  
Response: 637092  
Conc: 0.42 ng/ml



#15 Endosulfan II

R.T.: 7.007 min  
Delta R.T.: 0.003 min  
Response: 2716208  
Conc: 1.06 ng/ml

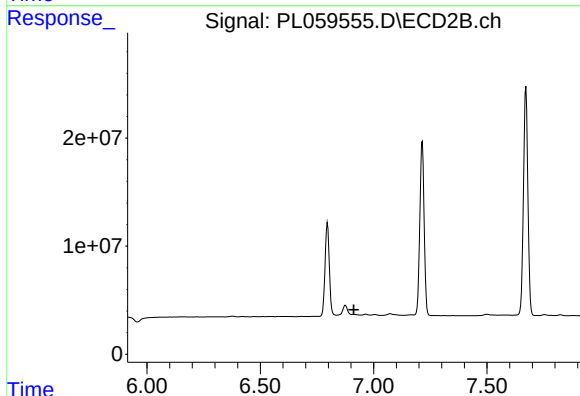




#16 4,4'-DDD

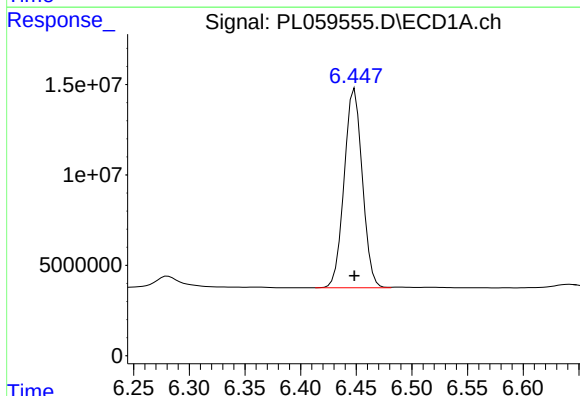
R.T.: 6.206 min  
Delta R.T.: 0.000 min  
Response: 1353714  
Conc: 1.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



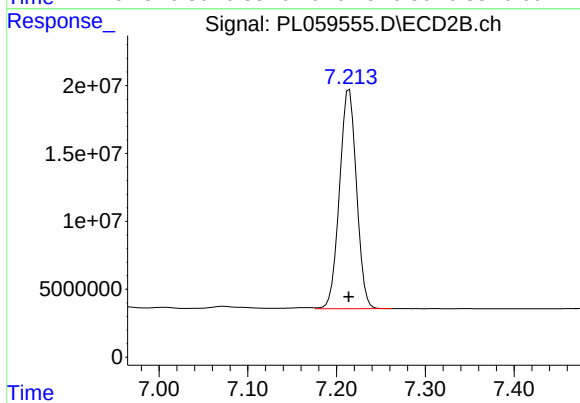
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.913 min  
Response: 0  
Conc: N.D.



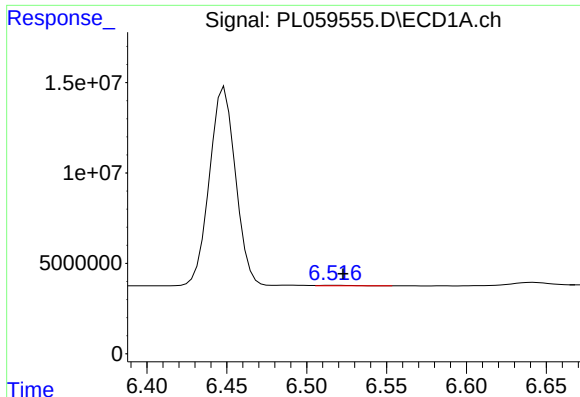
#17 4,4'-DDT

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 124944371  
Conc: 98.42 ng/ml



#17 4,4'-DDT

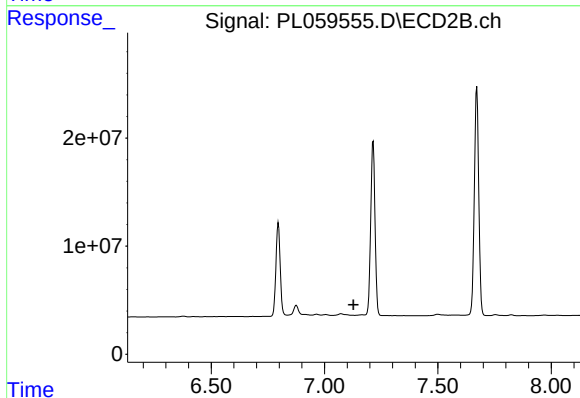
R.T.: 7.214 min  
Delta R.T.: 0.000 min  
Response: 214968776  
Conc: 95.05 ng/ml



#18 Endrin aldehyde

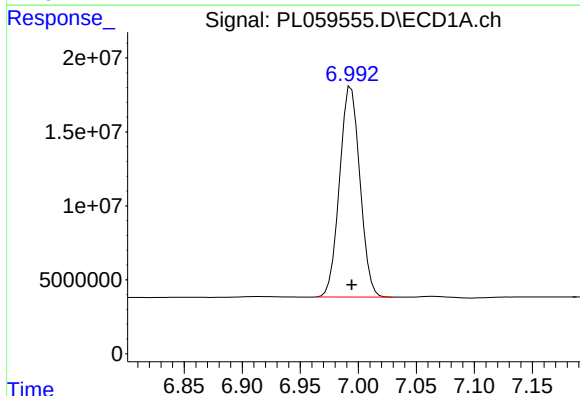
R.T.: 6.517 min  
Delta R.T.: -0.005 min  
Response: 439804  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



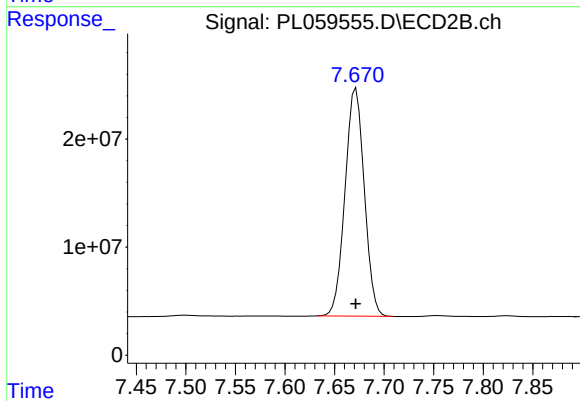
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T.: 7.128 min  
Response: 0  
Conc: N.D.



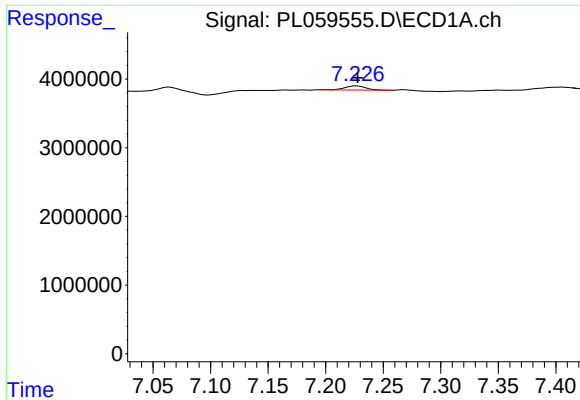
#20 Methoxychlor

R.T.: 6.994 min  
Delta R.T.: 0.000 min  
Response: 173943752  
Conc: 227.29 ng/ml



#20 Methoxychlor

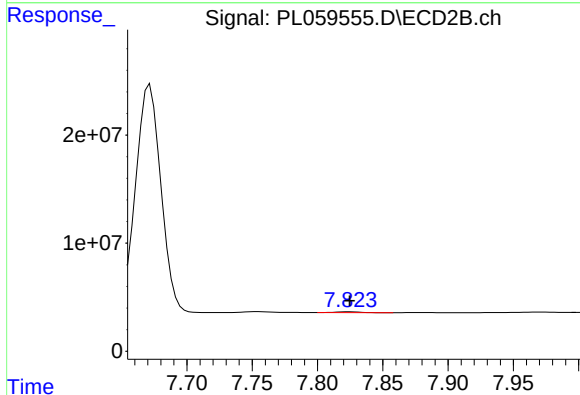
R.T.: 7.672 min  
Delta R.T.: 0.000 min  
Response: 285733689  
Conc: 221.36 ng/ml



#21 Endrin ketone

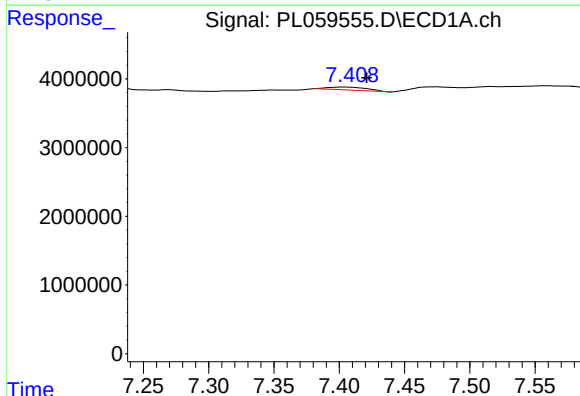
R.T.: 7.227 min  
Delta R.T.: 0.000 min  
Response: 765136  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



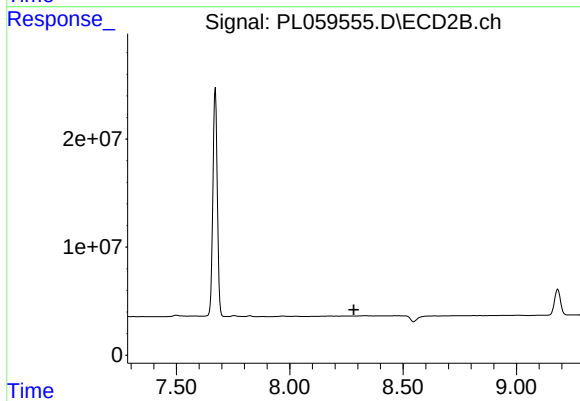
#21 Endrin ketone

R.T.: 7.824 min  
Delta R.T.: 0.000 min  
Response: 1011223  
Conc: 0.40 ng/ml



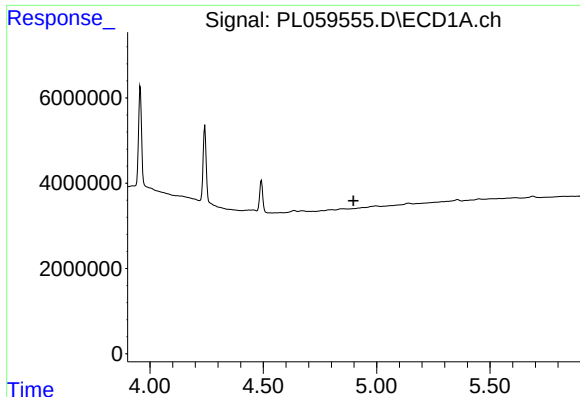
#22 Mirex

R.T.: 7.406 min  
Delta R.T.: -0.015 min  
Response: 921717  
Conc: 0.71 ng/ml



#22 Mirex

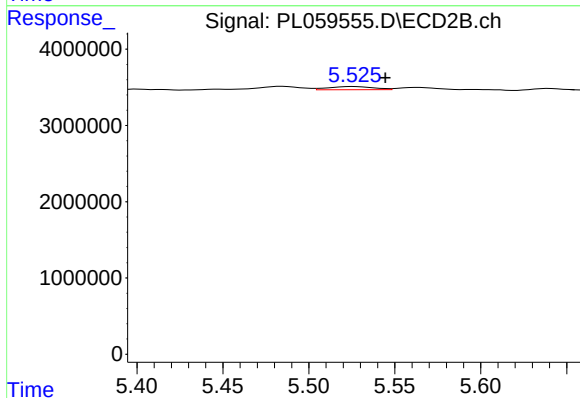
R.T.: 0.000 min  
Exp R.T.: 8.282 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

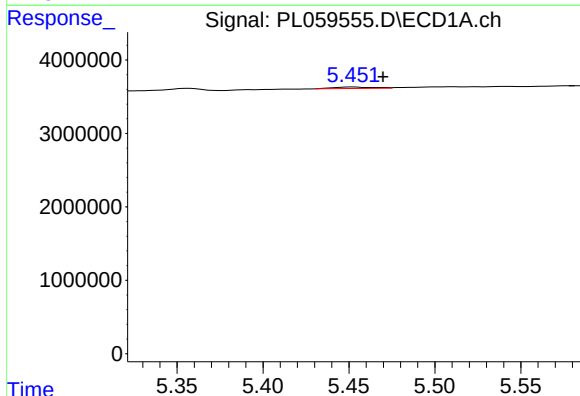
R.T.: 0.000 min  
Exp R.T.: 4.898 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



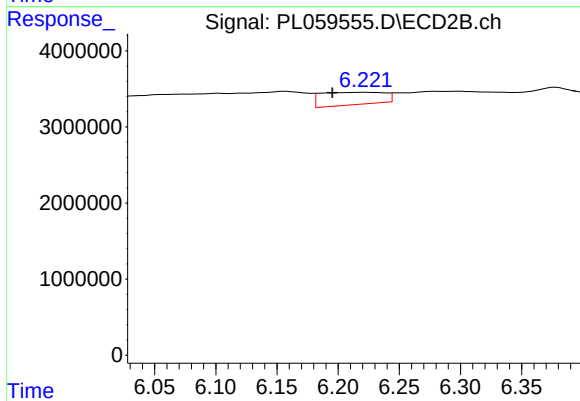
#24 Chlordane-2

R.T.: 5.527 min  
Delta R.T.: -0.018 min  
Response: 770207  
Conc: 7.56 ng/ml



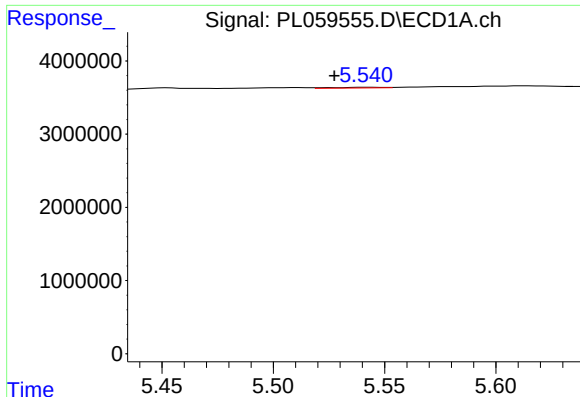
#25 Chlordane-3

R.T.: 5.452 min  
Delta R.T.: -0.017 min  
Response: 328702  
Conc: 2.31 ng/ml



#25 Chlordane-3

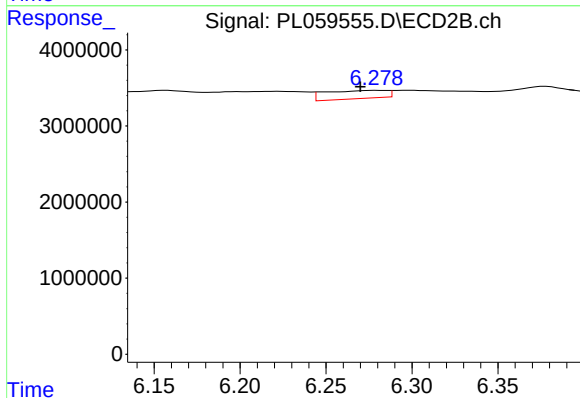
R.T.: 6.221 min  
Delta R.T.: 0.026 min  
Response: 5930586  
Conc: 15.82 ng/ml



#26 Chlordane-4

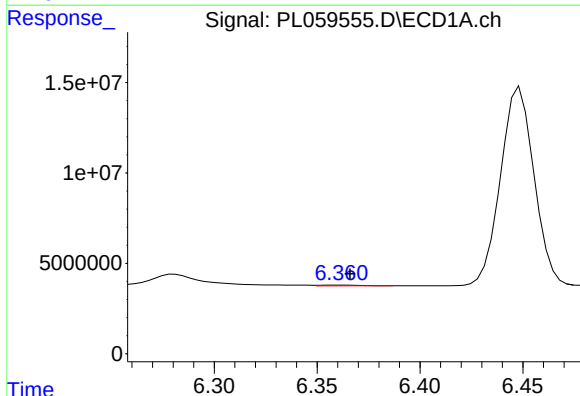
R.T.: 5.542 min  
Delta R.T.: 0.015 min  
Response: 166282  
Conc: 1.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



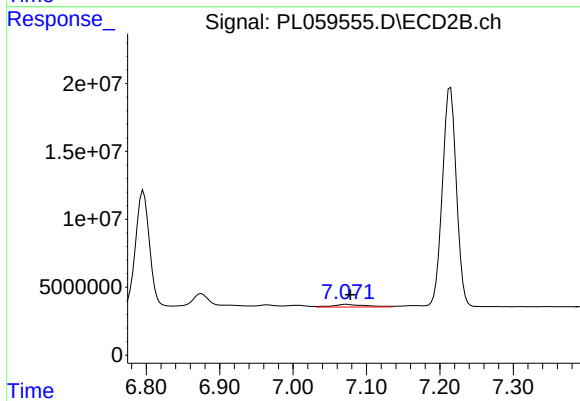
#26 Chlordane-4

R.T.: 6.280 min  
Delta R.T.: 0.010 min  
Response: 2668703  
Conc: 5.93 ng/ml



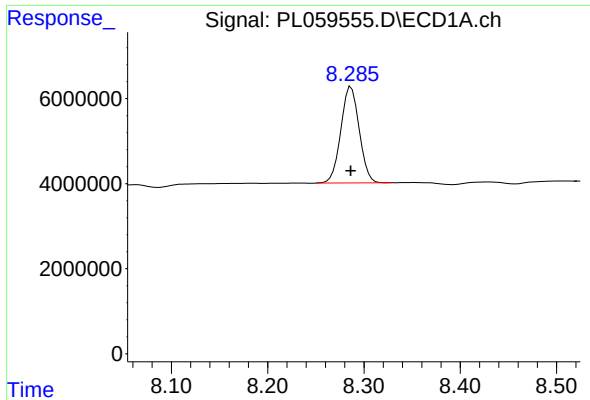
#27 Chlordane-5

R.T.: 6.362 min  
Delta R.T.: -0.004 min  
Response: 637092  
Conc: 12.40 ng/ml



#27 Chlordane-5

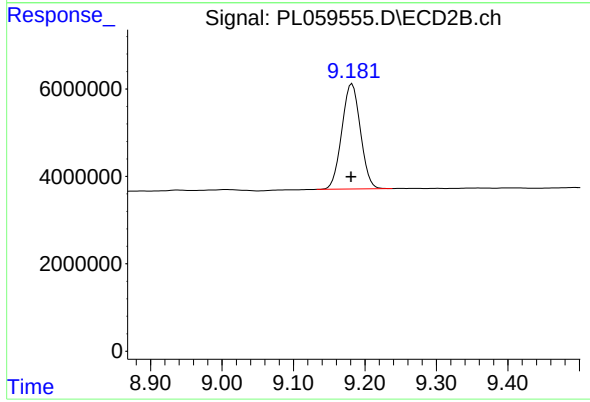
R.T.: 7.073 min  
Delta R.T.: -0.005 min  
Response: 5944202  
Conc: 68.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.287 min  
Delta R.T.: 0.000 min  
Response: 29938962  
Conc: 19.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.182 min  
Delta R.T.: 0.001 min  
Response: 43595685  
Conc: 20.06 ng/ml