

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102819\  
 Data File : PL053836.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2019 14:09  
 Operator : SG\AJ  
 Sample : K5542-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 199-48-(0-1.2)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 29 09:16:32 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 2019  
 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... | 3.542  | 4.044  | 128.3E6  | 29236680 | 11.834 | 11.684   |
| 28)                         | SA Decachlor... | 8.325  | 9.121  | 68753298 | 22253441 | 7.007  | 7.902    |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.466f | 0        | 2961839  | N.D.   | 0.857 #  |
| 4)                          | MA Heptachlor   | 4.581  | 0.000  | 9845155  | 0        | 0.624  | N.D. #   |
| 7)                          | B delta-BHC     | 4.747  | 0.000  | 3099703  | 0        | 0.204  | N.D. #   |
| 8)                          | B Heptachlo...  | 0.000  | 5.912  | 0        | 1945917  | N.D.   | 0.667 #  |
| 10)                         | B gamma-Chl...  | 5.504  | 6.156  | 19498033 | 5508166  | 1.429  | 1.888 #  |
| 11)                         | B alpha-Chl...  | 5.563  | 6.230  | 32281975 | 11664394 | 2.427  | 3.996 #  |
| 12)                         | B 4,4'-DDE      | 5.725  | 6.384  | 12596692 | 5614872  | 1.060  | 1.994 #  |
| 13)                         | MA Dieldrin     | 5.875  | 0.000  | 11912089 | 0        | 0.914  | N.D. #   |
| 14)                         | MA Endrin       | 6.115  | 6.744  | 6790654  | 1226090  | 0.586  | 0.505    |
| 15)                         | B Endosulfa...  | 6.378f | 0.000  | 4285738  | 0        | 0.383  | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.243  | 6.877  | 17950796 | 8896584  | 2.017  | 4.269 #  |
| 17)                         | MA 4,4'-DDT     | 6.484  | 7.173  | 32069683 | 5356541  | 3.237  | 2.316 #  |
| 18)                         | B Endrin al...  | 6.576  | 0.000  | 4819739  | 0        | 0.526  | N.D. #   |
| 19)                         | B Endosulfa...  | 6.771  | 0.000  | 7582834  | 0        | 0.745  | N.D. #   |
| 20)                         | A Methoxychlor  | 7.017f | 0.000  | 23072159 | 0        | 4.680  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.293f | 0.000  | 10583311 | 0        | 0.983  | N.D. #   |
| 23)                         | Chlordane-1     | 4.425  | 5.041  | 11962814 | 1650291  | 33.729 | 19.678 # |
| 24)                         | Chlordane-2     | 4.933  | 5.507  | 11173441 | 2142417  | 28.998 | 21.812   |
| 25)                         | Chlordane-3     | 5.504  | 6.156  | 19498033 | 5508166  | 16.915 | 15.081   |
| 26)                         | Chlordane-4     | 5.563  | 6.230  | 32281975 | 11664394 | 34.436 | 25.982   |
| 27)                         | Chlordane-5     | 6.434f | 0.000  | 3653287  | 0        | 9.994  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

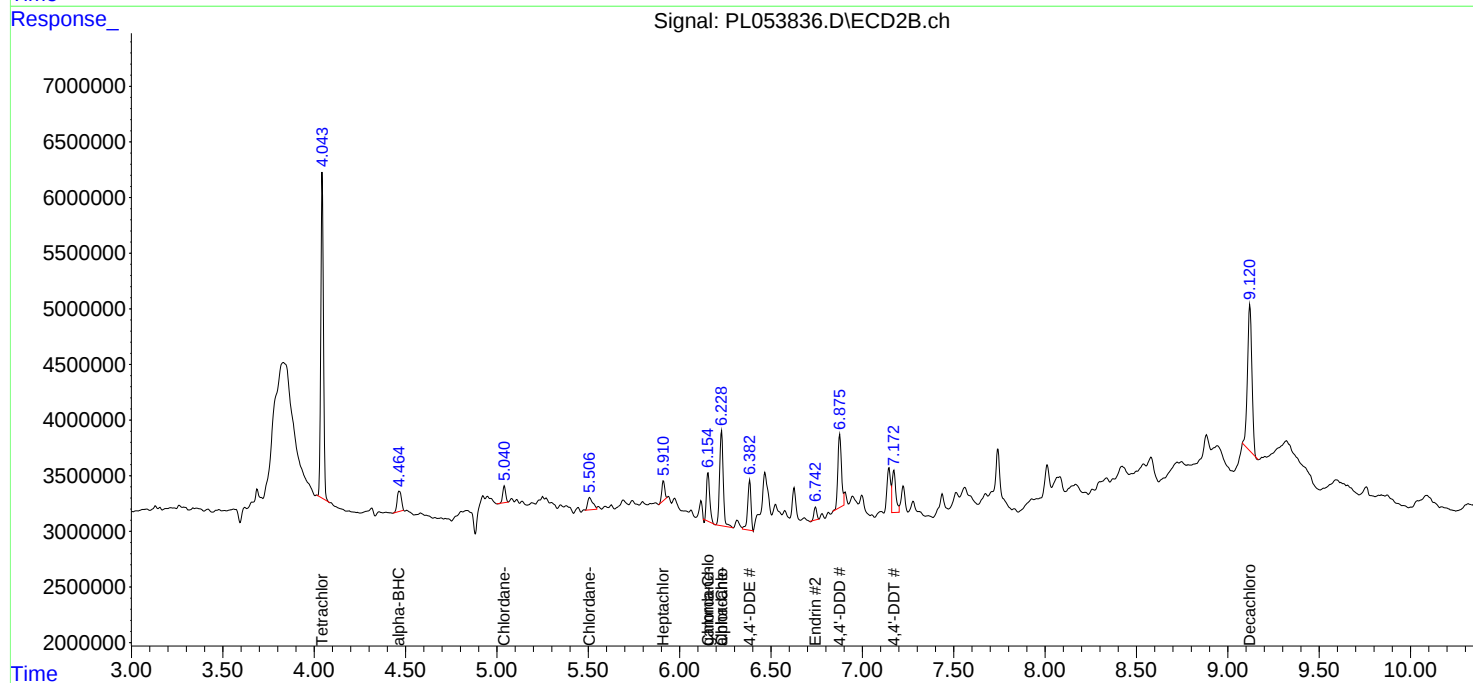
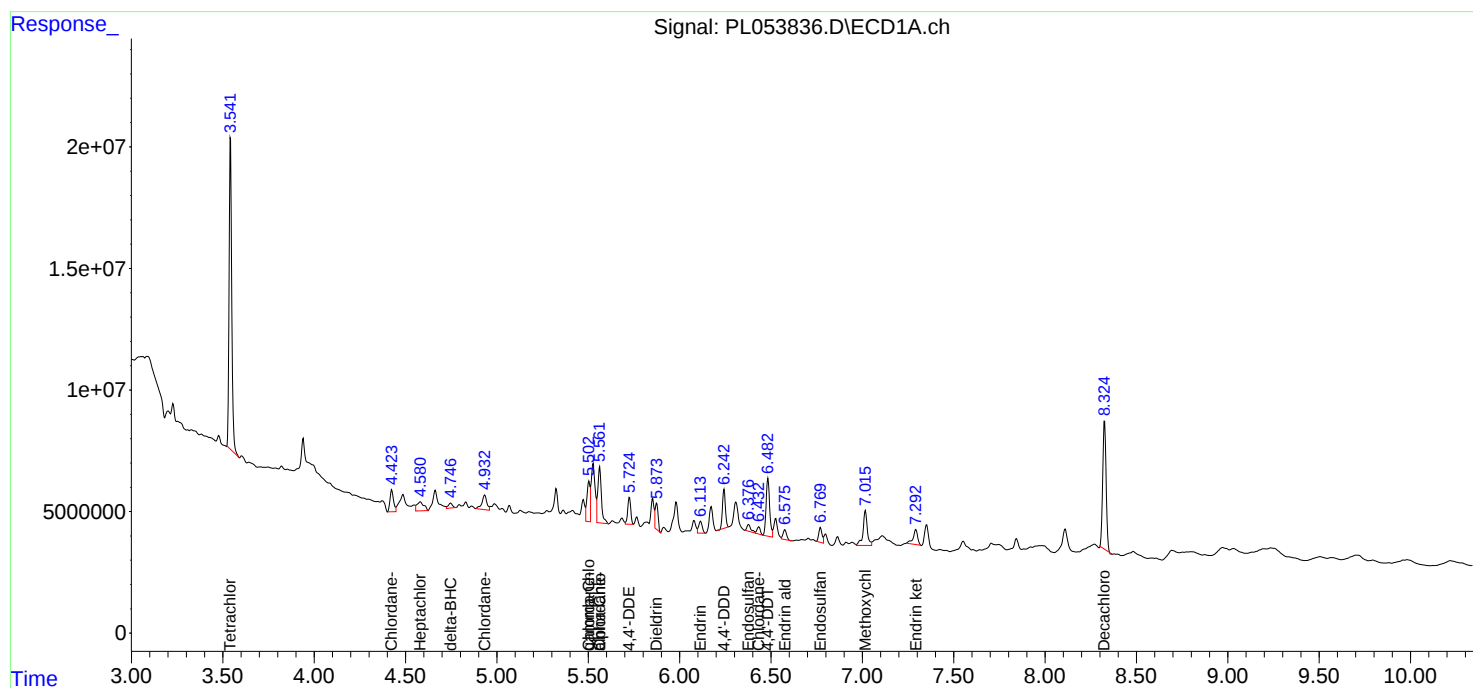
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

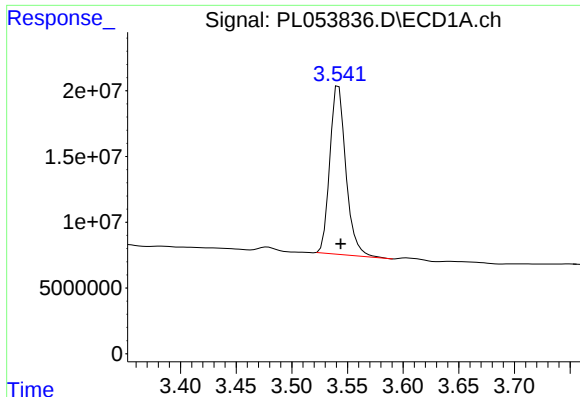
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102819\  
Data File : PL053836.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2019 14:09  
Operator : SG\AJ  
Sample : K5542-03  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**  
ECD\_L  
**ClientSampleId :**  
199-48-(0-1.2)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 29 09:16:32 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 2019  
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

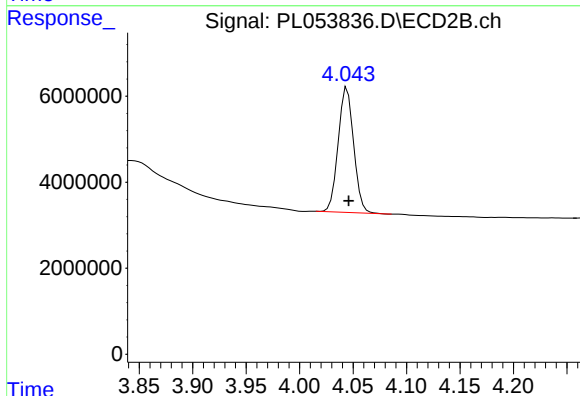




#1 Tetrachloro-m-xylene

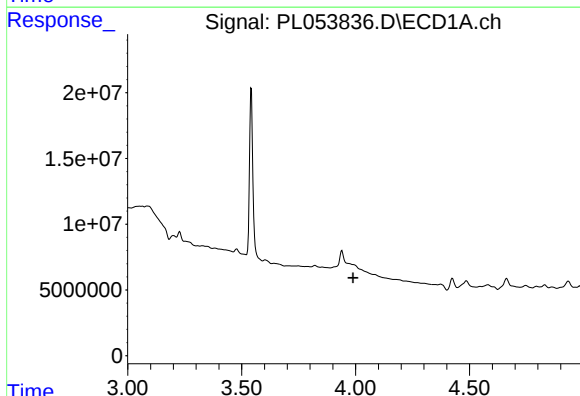
R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 128272553  
Conc: 11.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
199-48-(0-1.2)



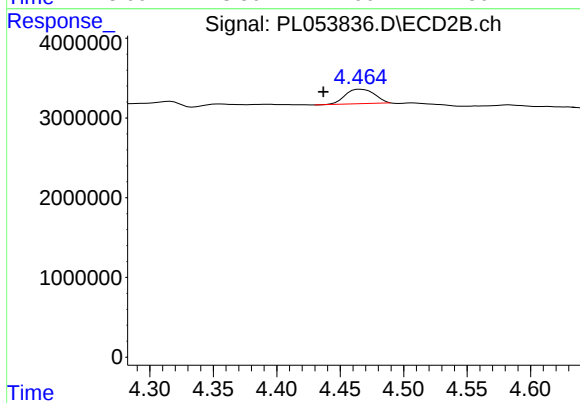
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: -0.001 min  
Response: 29236680  
Conc: 11.68 ng/ml



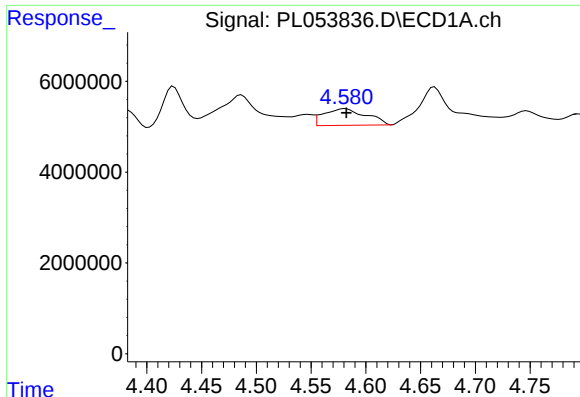
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.988 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

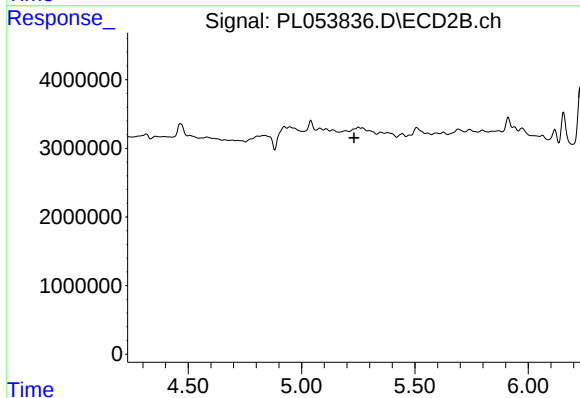
R.T.: 4.466 min  
Delta R.T.: 0.029 min  
Response: 2961839  
Conc: 0.86 ng/ml



#4 Heptachlor

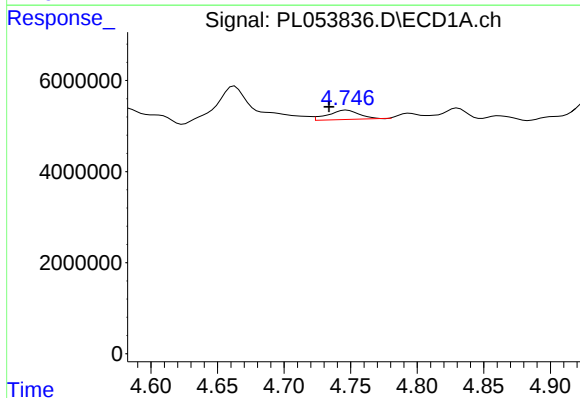
R.T.: 4.581 min  
Delta R.T.: -0.001 min  
Response: 9845155  
Conc: 0.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
199-48-(0-1.2)



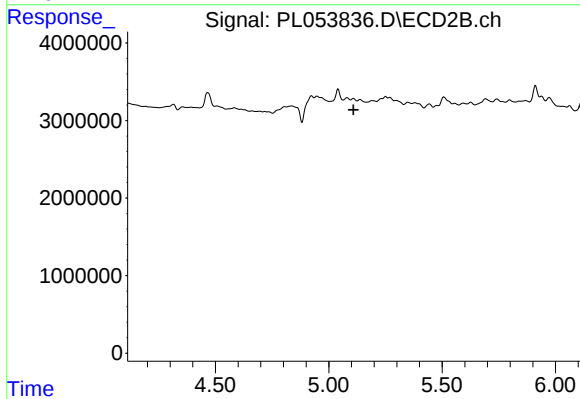
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 5.232 min  
Response: 0  
Conc: N.D.



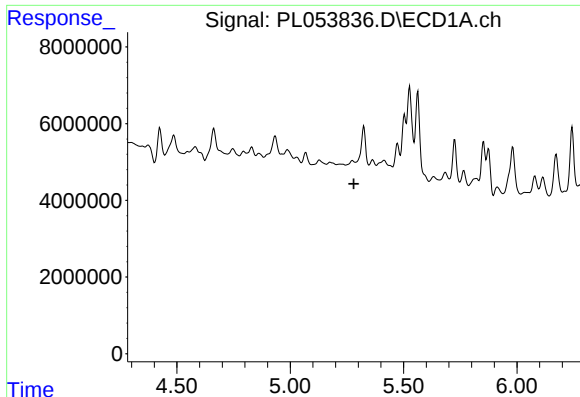
#7 delta-BHC

R.T.: 4.747 min  
Delta R.T.: 0.013 min  
Response: 3099703  
Conc: 0.20 ng/ml



#7 delta-BHC

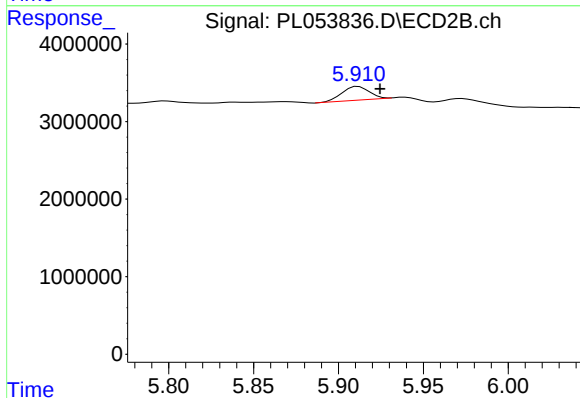
R.T.: 0.000 min  
Exp R.T. : 5.109 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

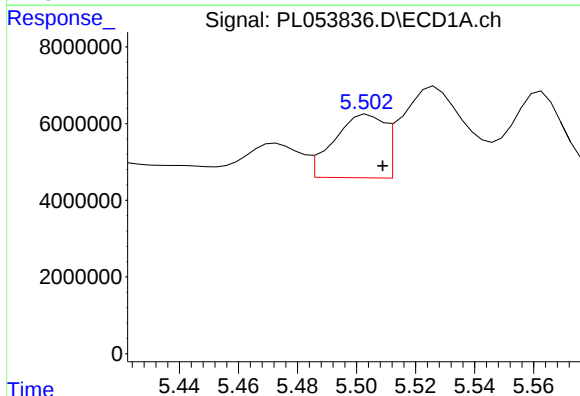
R.T.: 0.000 min  
Exp R.T.: 5.280 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
199-48-(0-1.2)



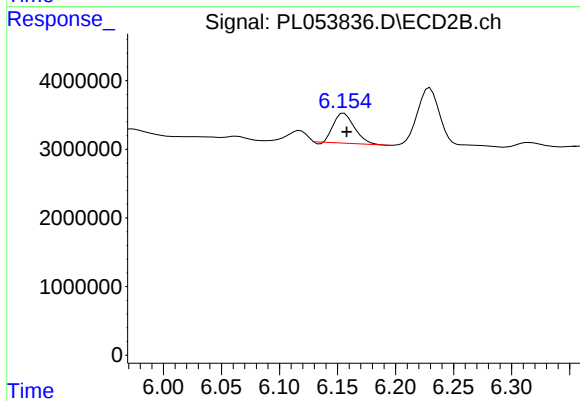
#8 Heptachlor epoxide

R.T.: 5.912 min  
Delta R.T.: -0.013 min  
Response: 1945917  
Conc: 0.67 ng/ml



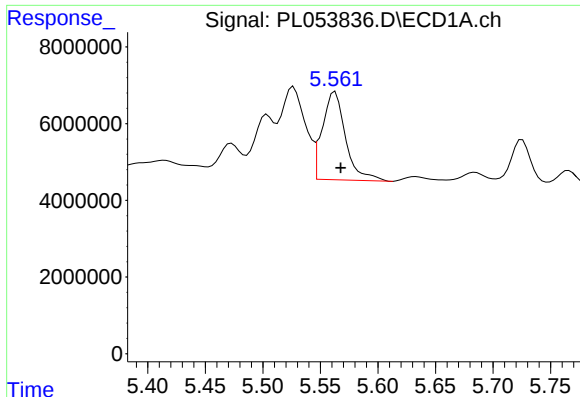
#10 gamma-Chlordane

R.T.: 5.504 min  
Delta R.T.: -0.005 min  
Response: 19498033  
Conc: 1.43 ng/ml



#10 gamma-Chlordane

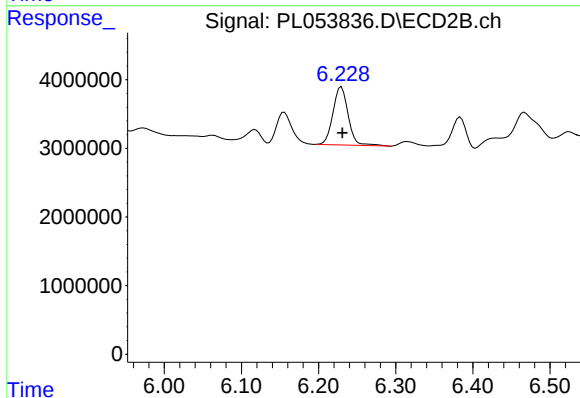
R.T.: 6.156 min  
Delta R.T.: -0.002 min  
Response: 5508166  
Conc: 1.89 ng/ml



#11 alpha-Chlordane

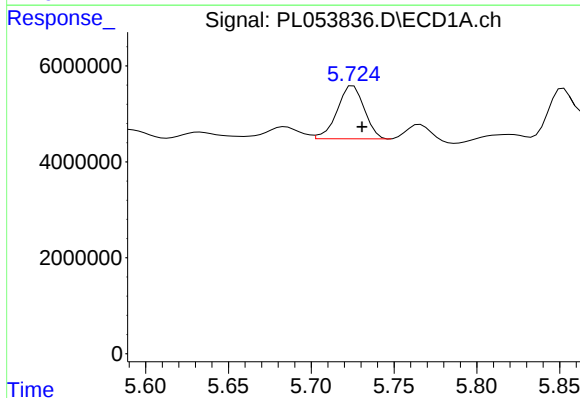
R.T.: 5.563 min  
Delta R.T.: -0.005 min  
Response: 32281975  
Conc: 2.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
199-48-(0-1.2)



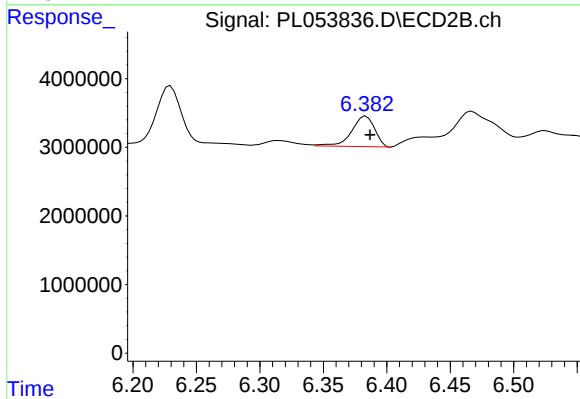
#11 alpha-Chlordane

R.T.: 6.230 min  
Delta R.T.: -0.001 min  
Response: 11664394  
Conc: 4.00 ng/ml



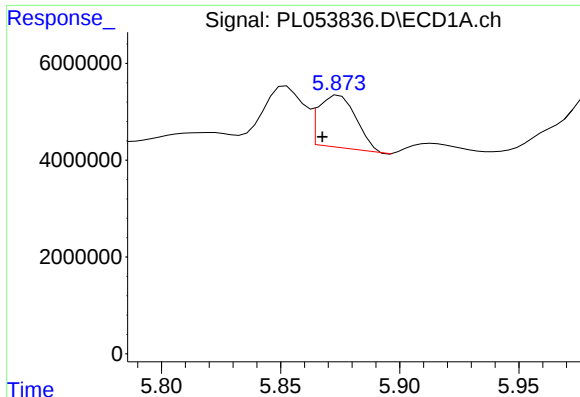
#12 4,4'-DDE

R.T.: 5.725 min  
Delta R.T.: -0.005 min  
Response: 12596692  
Conc: 1.06 ng/ml



#12 4,4'-DDE

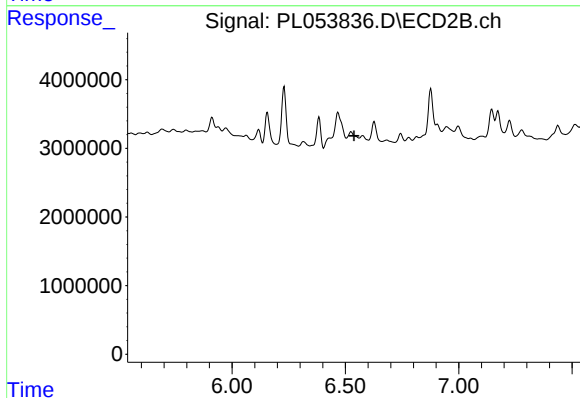
R.T.: 6.384 min  
Delta R.T.: -0.003 min  
Response: 5614872  
Conc: 1.99 ng/ml



#13 Dieldrin

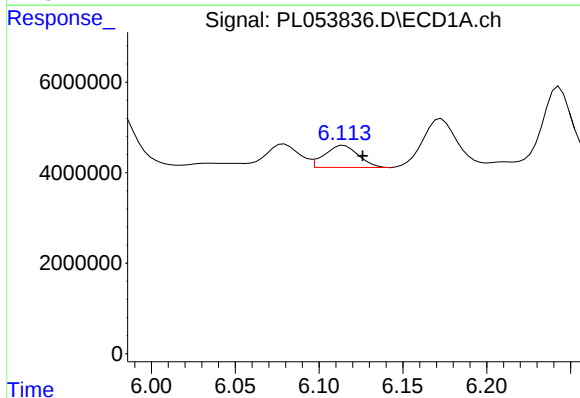
R.T.: 5.875 min  
Delta R.T.: 0.007 min  
Response: 11912089  
Conc: 0.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
199-48-(0-1.2)



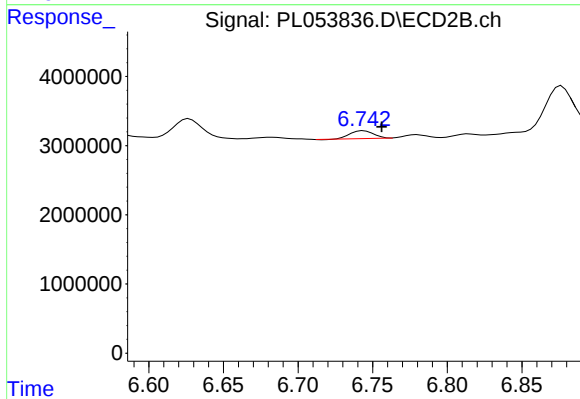
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.538 min  
Response: 0  
Conc: N.D.



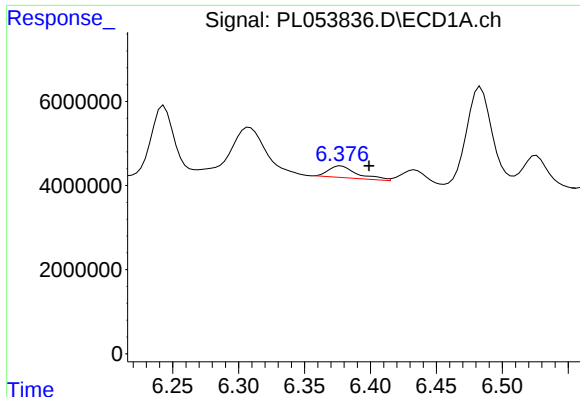
#14 Endrin

R.T.: 6.115 min  
Delta R.T.: -0.011 min  
Response: 6790654  
Conc: 0.59 ng/ml



#14 Endrin

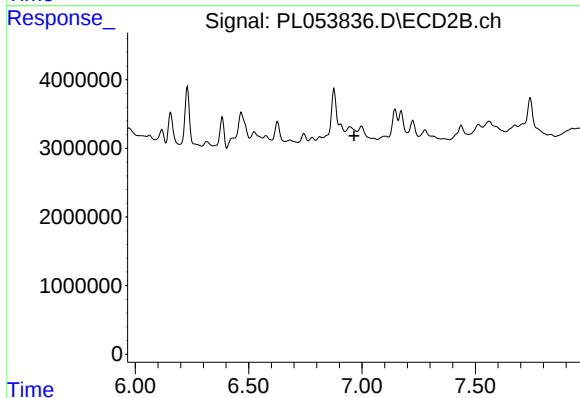
R.T.: 6.744 min  
Delta R.T.: -0.012 min  
Response: 1226090  
Conc: 0.51 ng/ml



#15 Endosulfan II

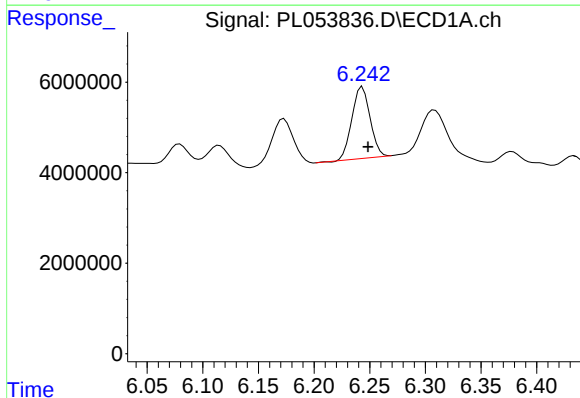
R.T.: 6.378 min  
Delta R.T.: -0.021 min  
Response: 4285738  
Conc: 0.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
199-48-(0-1.2)



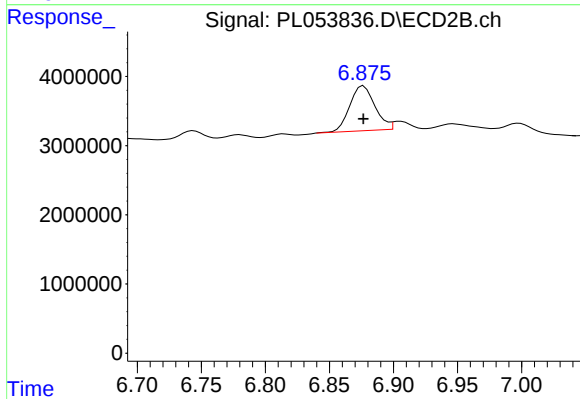
#15 Endosulfan II

R.T.: 0.000 min  
Exp R.T. : 6.965 min  
Response: 0  
Conc: N.D.



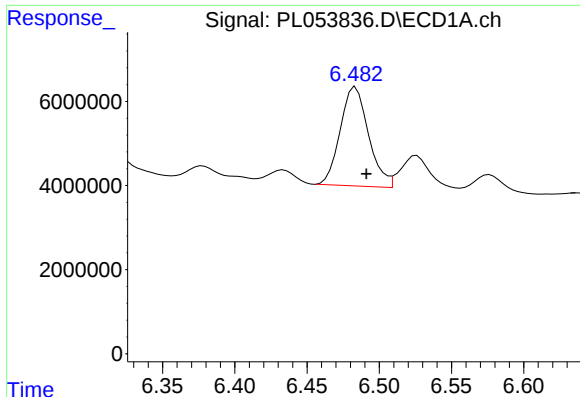
#16 4,4'-DDD

R.T.: 6.243 min  
Delta R.T.: -0.005 min  
Response: 17950796  
Conc: 2.02 ng/ml



#16 4,4'-DDD

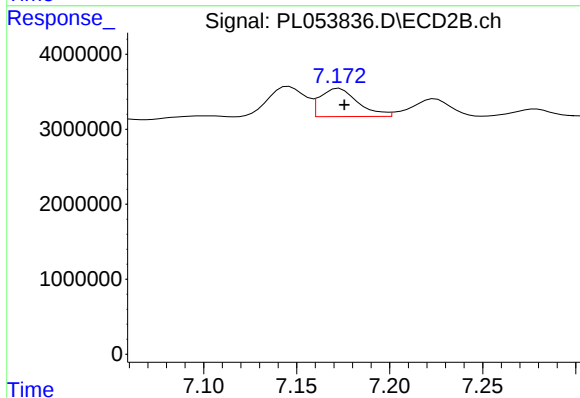
R.T.: 6.877 min  
Delta R.T.: 0.000 min  
Response: 8896584  
Conc: 4.27 ng/ml



#17 4,4'-DDT

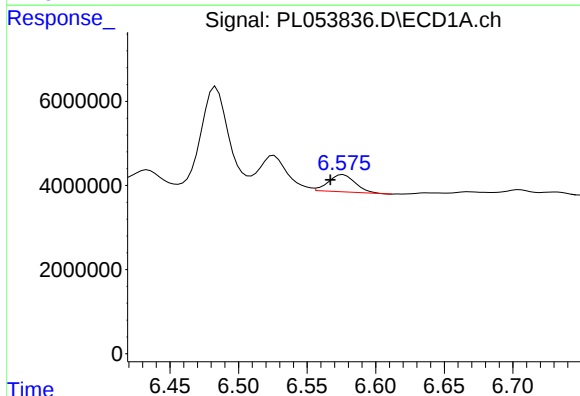
R.T.: 6.484 min  
Delta R.T.: -0.007 min  
Response: 32069683  
Conc: 3.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
199-48-(0-1.2)



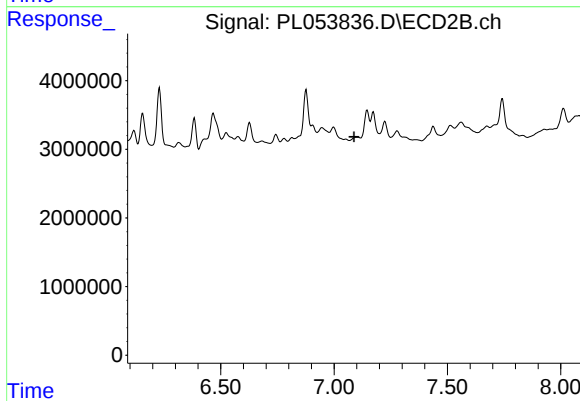
#17 4,4'-DDT

R.T.: 7.173 min  
Delta R.T.: -0.003 min  
Response: 5356541  
Conc: 2.32 ng/ml



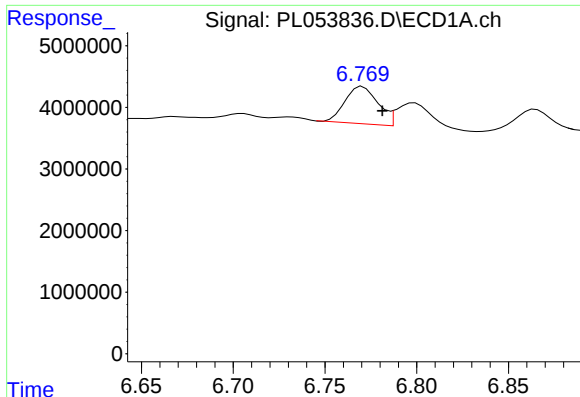
#18 Endrin aldehyde

R.T.: 6.576 min  
Delta R.T.: 0.009 min  
Response: 4819739  
Conc: 0.53 ng/ml



#18 Endrin aldehyde

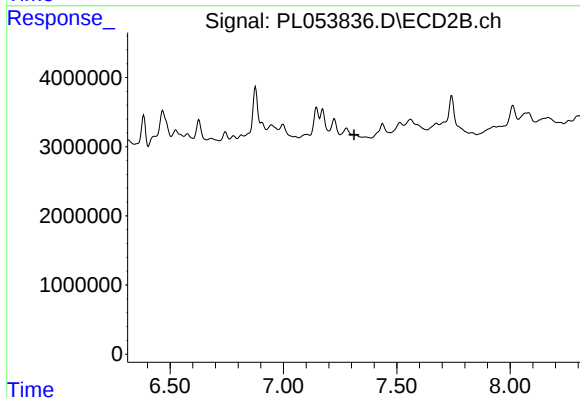
R.T.: 0.000 min  
Exp R.T.: 7.089 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

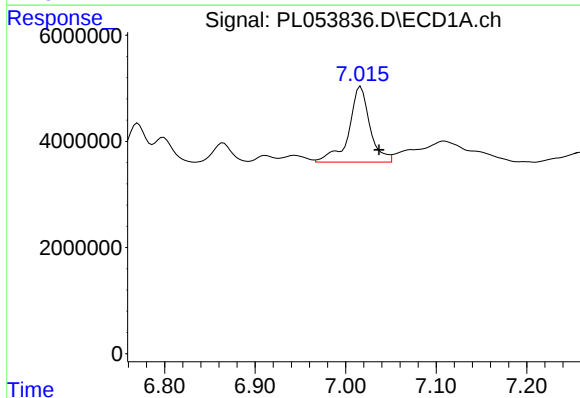
R.T.: 6.771 min  
Delta R.T.: -0.011 min  
Response: 7582834  
Conc: 0.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
199-48-(0-1.2)



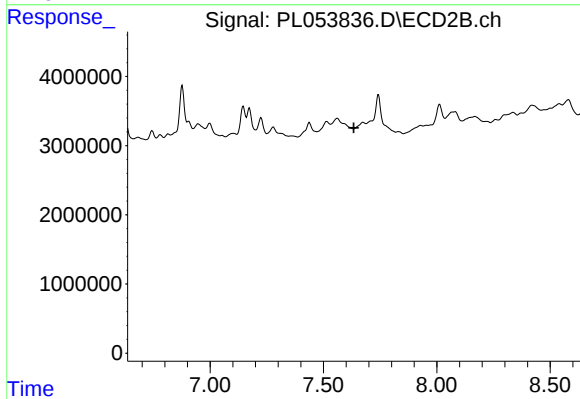
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.312 min  
Response: 0  
Conc: N.D.



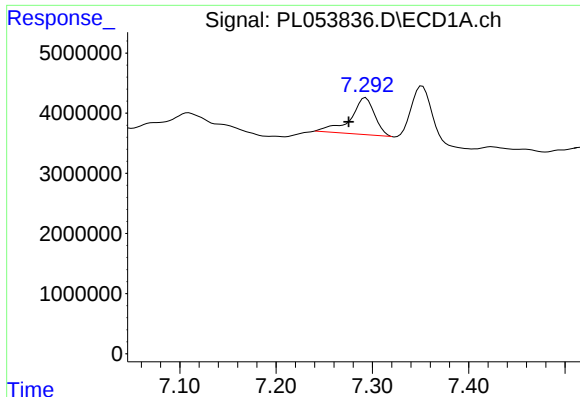
#20 Methoxychlor

R.T.: 7.017 min  
Delta R.T.: -0.020 min  
Response: 23072159  
Conc: 4.68 ng/ml



#20 Methoxychlor

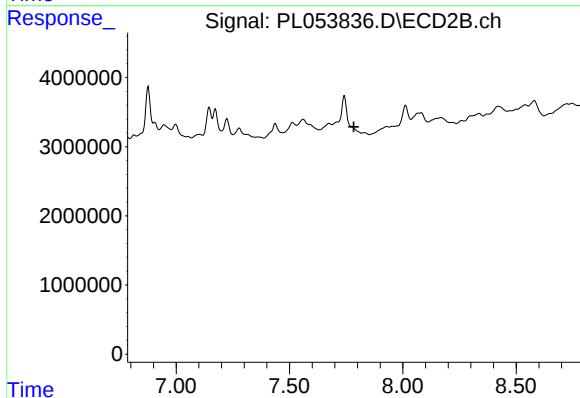
R.T.: 0.000 min  
Exp R.T. : 7.633 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

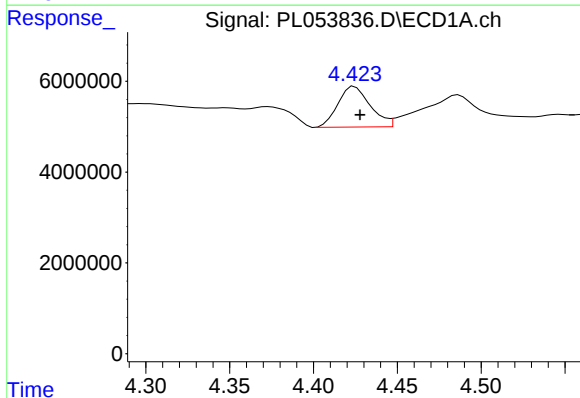
R.T.: 7.293 min  
Delta R.T.: 0.018 min  
Response: 10583311  
Conc: 0.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
199-48-(0-1.2)



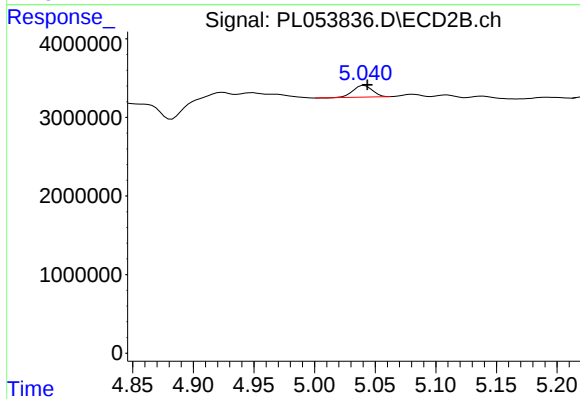
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 7.783 min  
Response: 0  
Conc: N.D.



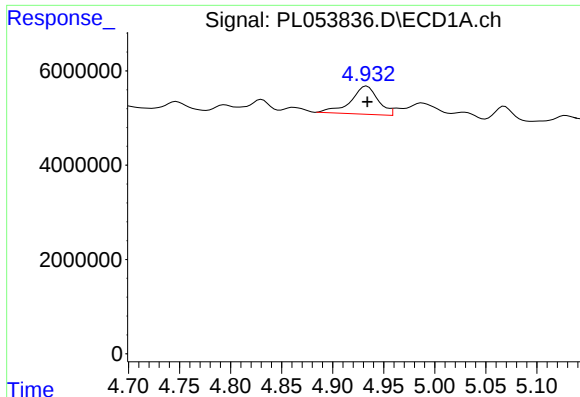
#23 Chlordane-1

R.T.: 4.425 min  
Delta R.T.: -0.003 min  
Response: 11962814  
Conc: 33.73 ng/ml



#23 Chlordane-1

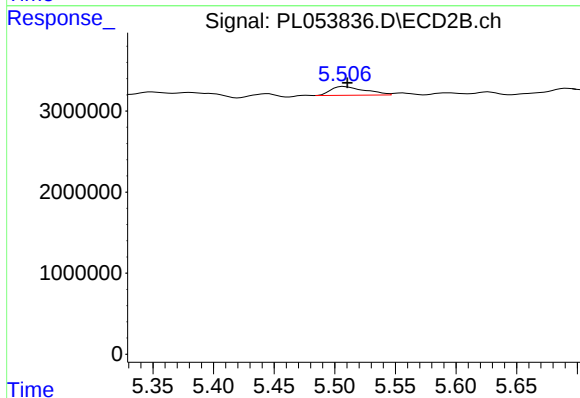
R.T.: 5.041 min  
Delta R.T.: -0.002 min  
Response: 1650291  
Conc: 19.68 ng/ml



#24 Chlordane-2

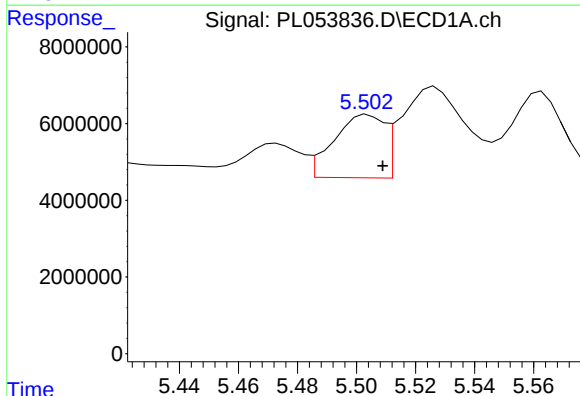
R.T.: 4.933 min  
Delta R.T.: 0.000 min  
Response: 11173441  
Conc: 29.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
199-48-(0-1.2)



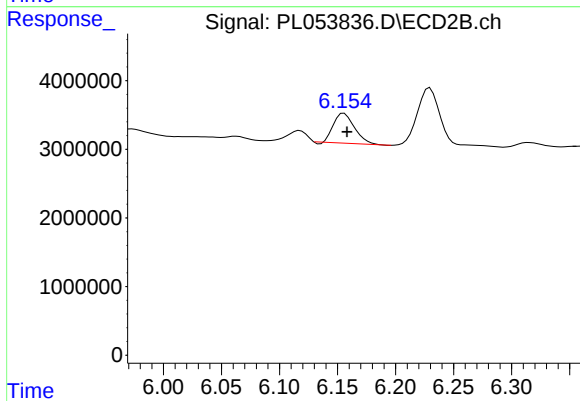
#24 Chlordane-2

R.T.: 5.507 min  
Delta R.T.: -0.003 min  
Response: 2142417  
Conc: 21.81 ng/ml



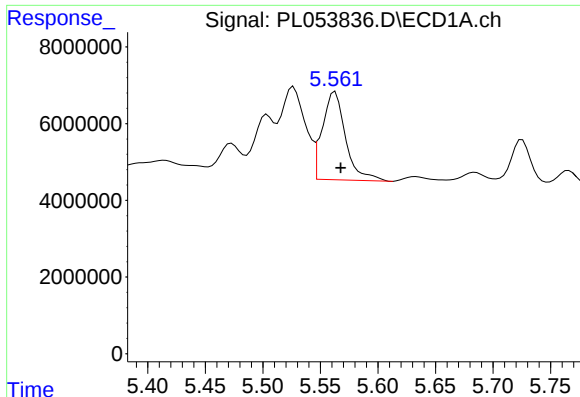
#25 Chlordane-3

R.T.: 5.504 min  
Delta R.T.: -0.005 min  
Response: 19498033  
Conc: 16.92 ng/ml



#25 Chlordane-3

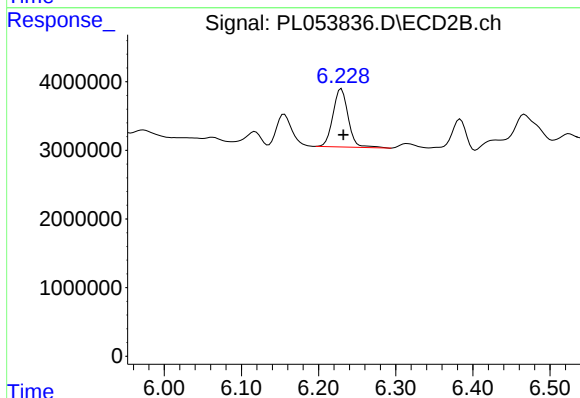
R.T.: 6.156 min  
Delta R.T.: -0.003 min  
Response: 5508166  
Conc: 15.08 ng/ml



#26 Chlordane-4

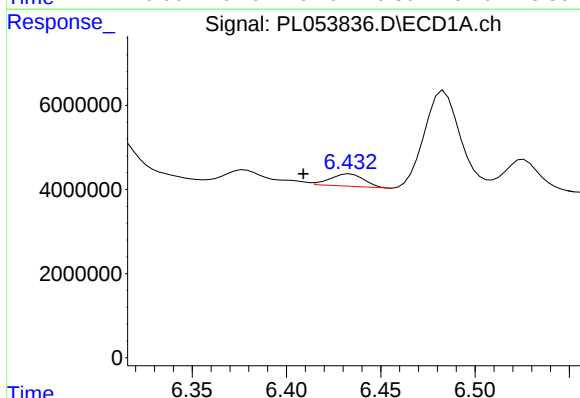
R.T.: 5.563 min  
Delta R.T.: -0.005 min  
Response: 32281975  
Conc: 34.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
199-48-(0-1.2)



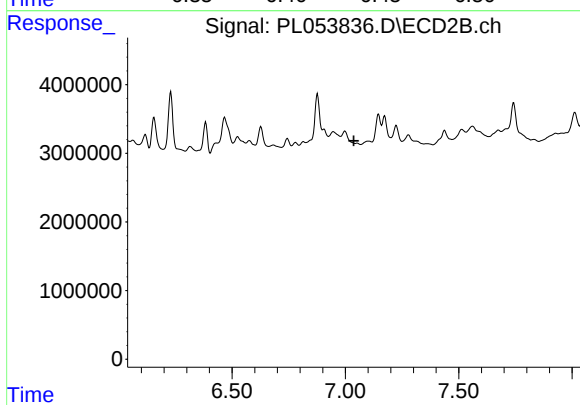
#26 Chlordane-4

R.T.: 6.230 min  
Delta R.T.: -0.002 min  
Response: 11664394  
Conc: 25.98 ng/ml



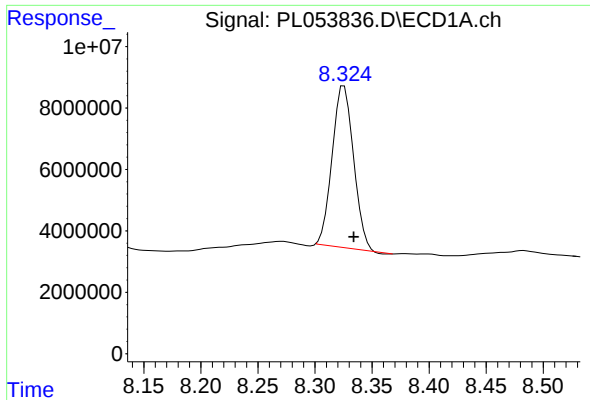
#27 Chlordane-5

R.T.: 6.434 min  
Delta R.T.: 0.025 min  
Response: 3653287  
Conc: 9.99 ng/ml



#27 Chlordane-5

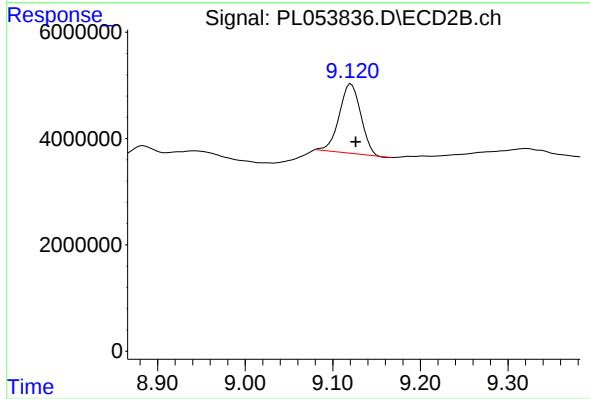
R.T.: 0.000 min  
Exp R.T.: 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.325 min  
Delta R.T.: -0.009 min  
Response: 68753298  
Conc: 7.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
199-48-(0-1.2)



#28 Decachlorobiphenyl

R.T.: 9.121 min  
Delta R.T.: -0.005 min  
Response: 22253441  
Conc: 7.90 ng/ml