

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080619\  
 Data File : PL051139.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Aug 2019 00:23  
 Operator : SM\AJ  
 Sample : K4144-12  
 Misc :  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 EXT-008-SW109-073119

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 07 04:39:59 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 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... | 3.318  | 3.928  | 185.9E6  | 46817236 | 18.497  | 16.409    |
| 28)                         | SA Decachlor... | 7.979  | 8.957  | 200.5E6  | 51061878 | 19.805  | 18.056    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.758  | 4.341f | 9028455  | 16831241 | 0.539   | 4.079 #   |
| 4)                          | MA Heptachlor   | 4.303  | 5.100  | 14750641 | 1681948  | 0.899   | 0.406 #   |
| 5)                          | MB Aldrin       | 4.548  | 5.381f | 36069778 | 20721005 | 2.328   | 5.499 #   |
| 6)                          | B beta-BHC      | 4.303f | 4.798f | 14750641 | 10613858 | 2.250   | 6.139 #   |
| 7)                          | B delta-BHC     | 4.456  | 4.984  | 8008664  | 2330694  | 0.488   | 0.603     |
| 8)                          | B Heptachlo...  | 4.980  | 5.800  | 24544938 | 11631182 | 1.661   | 3.041 #   |
| 9)                          | A Endosulfan I  | 0.000  | 6.146  | 0        | 6323656  | N.D.    | 1.839 #   |
| 10)                         | B gamma-Chl...  | 5.202  | 6.023  | 221.5E6  | 71668898 | 14.036  | 19.395 #  |
| 11)                         | B alpha-Chl...  | 5.256  | 6.096  | 289.2E6  | 142.0E6  | 18.955  | 38.740 #  |
| 12)                         | B 4,4'-DDE      | 5.422  | 6.247  | -7599997 | 15113876 | N.D.    | 4.194     |
| 13)                         | MA Dieldrin     | 5.560  | 6.413  | 73443145 | 6646952  | 4.739   | 1.877 #   |
| 14)                         | MA Endrin       | 5.805  | 6.647f | 45295434 | 3915997  | 3.077   | 1.263 #   |
| 15)                         | B Endosulfa...  | 6.077  | 6.815f | 5032282  | 16834909 | 0.360   | 5.295 #   |
| 16)                         | A 4,4'-DDD      | 5.927  | 6.745  | 58052556 | 9304325  | 4.844   | 3.494 #   |
| 17)                         | MA 4,4'-DDT     | 6.167  | 7.042  | 178.6E6  | 30126284 | 14.422  | 11.160    |
| 18)                         | B Endrin al...  | 6.257  | 0.000  | 48952055 | 0        | 4.243   | N.D. #    |
| 19)                         | B Endosulfa...  | 6.444  | 0.000  | 66940708 | 0        | 5.255   | N.D. #    |
| 20)                         | A Methoxychlor  | 6.692f | 0.000  | 178.7E6  | 0        | 28.636  | N.D. #    |
| 21)                         | B Endrin ke...  | 6.908f | 0.000  | 24689399 | 0        | 1.805   | N.D. #    |
| 23)                         | Chlordane-1     | 4.158  | 4.913  | 65834755 | 14868309 | 178.922 | 137.048   |
| 24)                         | Chlordane-2     | 4.645  | 5.381  | 49728500 | 20721005 | 111.099 | 176.420 # |
| 25)                         | Chlordane-3     | 5.202  | 6.023  | 221.5E6  | 71668898 | 158.261 | 149.006   |
| 26)                         | Chlordane-4     | 5.256  | 6.096  | 289.2E6  | 142.0E6  | 219.239 | 244.422   |
| 27)                         | Chlordane-5     | 6.077  | 6.894  | 5032282  | 9445771  | 9.907   | 99.047 #  |
| -----                       |                 |        |        |          |          |         |           |

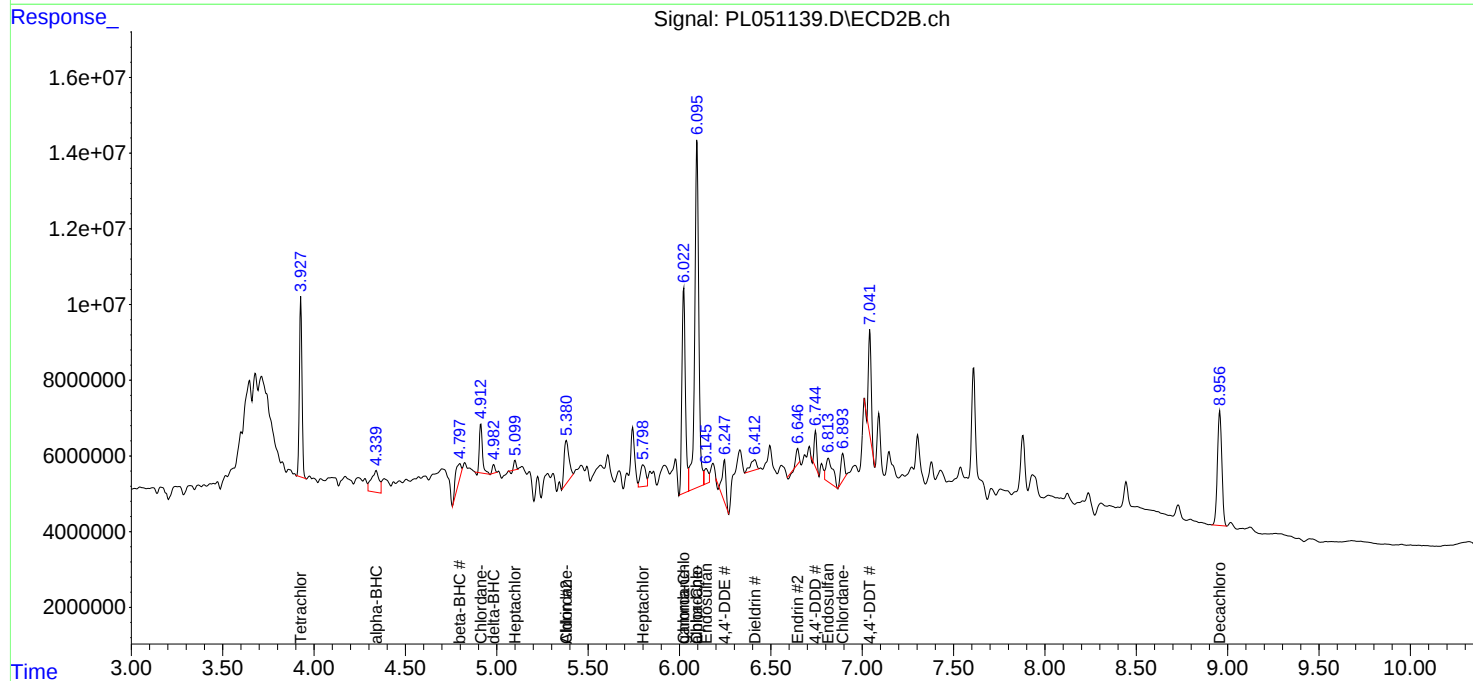
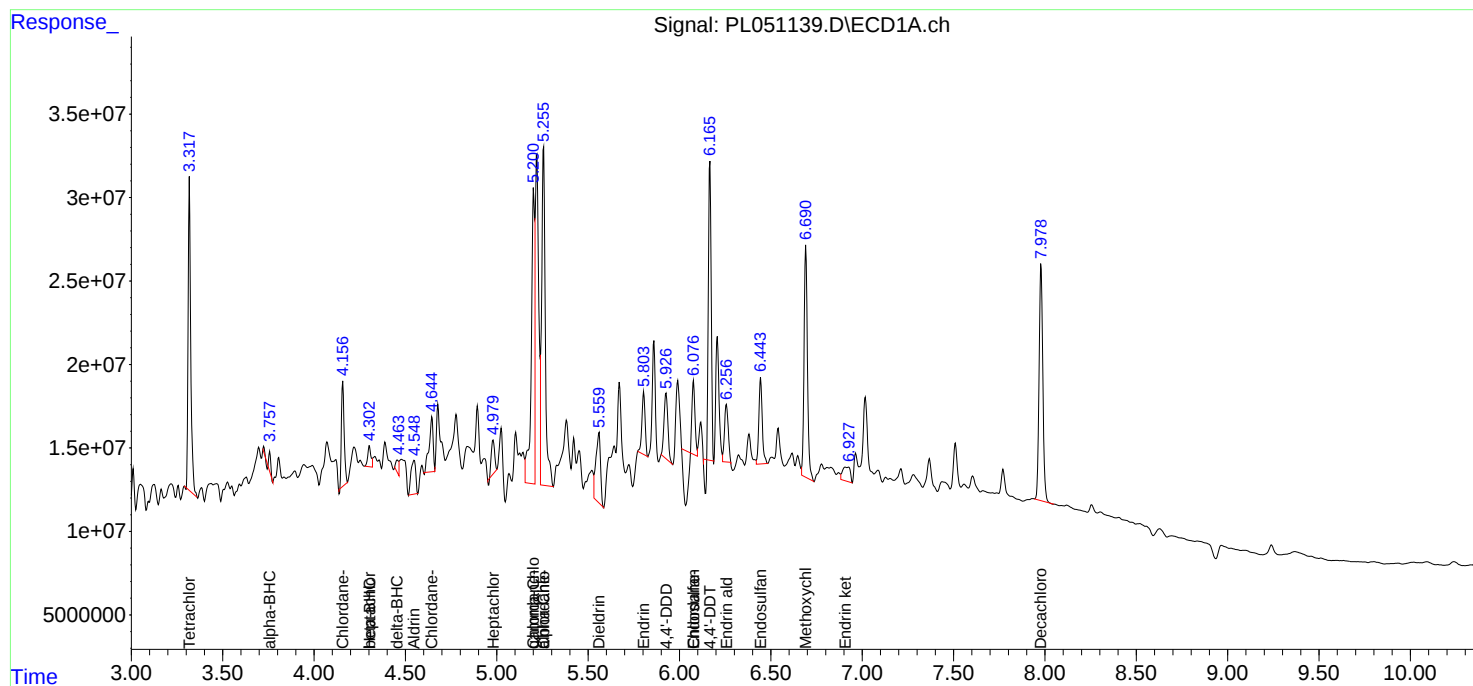
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

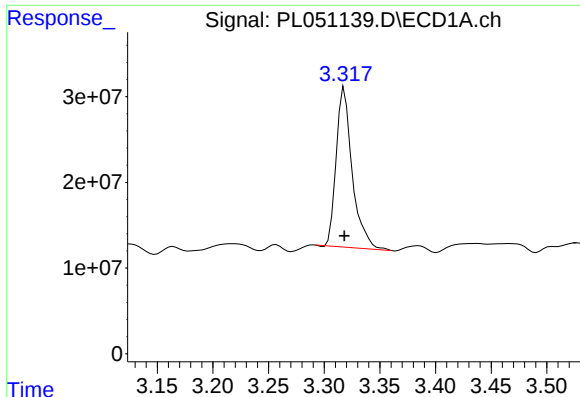
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080619\  
Data File : PL051139.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Aug 2019 00:23  
Operator : SM\AJ  
Sample : K4144-12  
Misc :  
ALS Vial : 45 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-008-SW109-073119

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 07 04:39:59 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 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

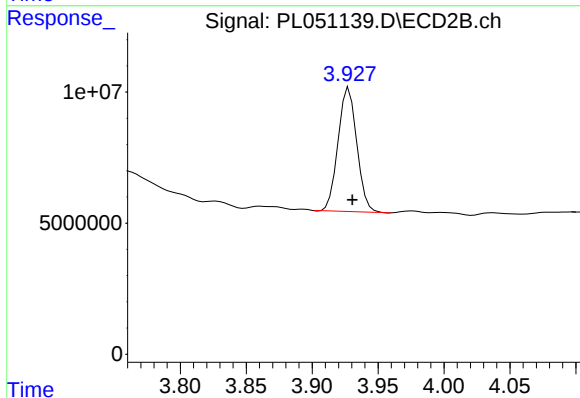




#1 Tetrachloro-m-xylene

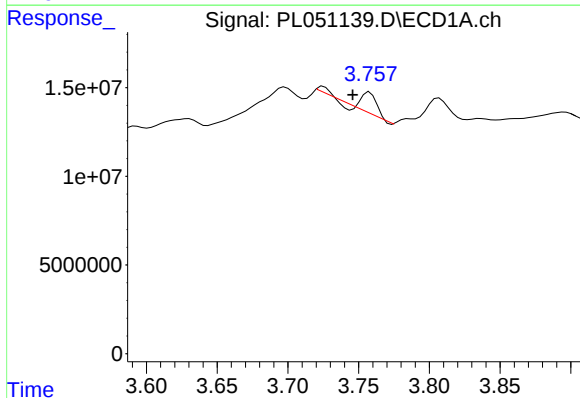
R.T.: 3.318 min  
Delta R.T.: 0.000 min  
Response: 185855992  
Conc: 18.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-008-SW109-073119



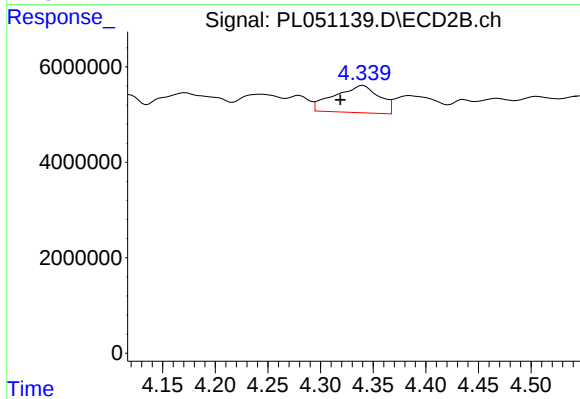
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.003 min  
Response: 46817236  
Conc: 16.41 ng/ml



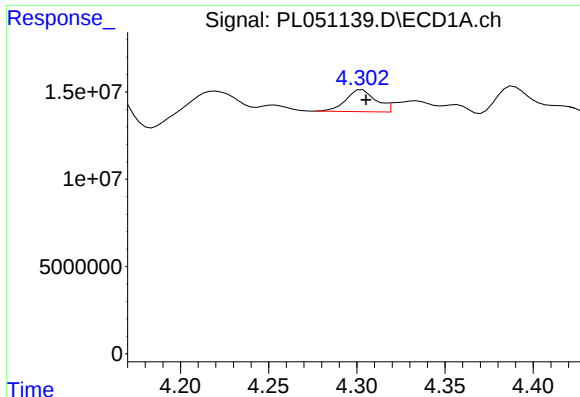
#2 alpha-BHC

R.T.: 3.758 min  
Delta R.T.: 0.012 min  
Response: 9028455  
Conc: 0.54 ng/ml



#2 alpha-BHC

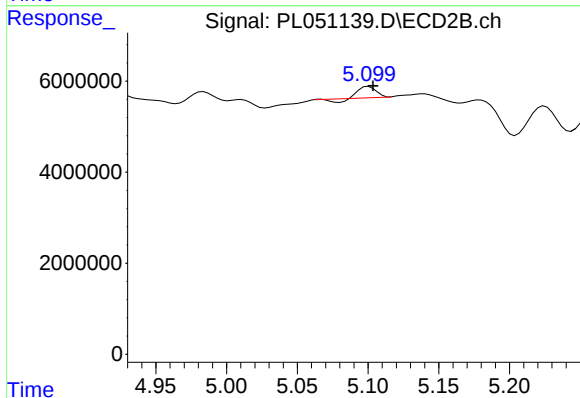
R.T.: 4.341 min  
Delta R.T.: 0.022 min  
Response: 16831241  
Conc: 4.08 ng/ml



#4 Heptachlor

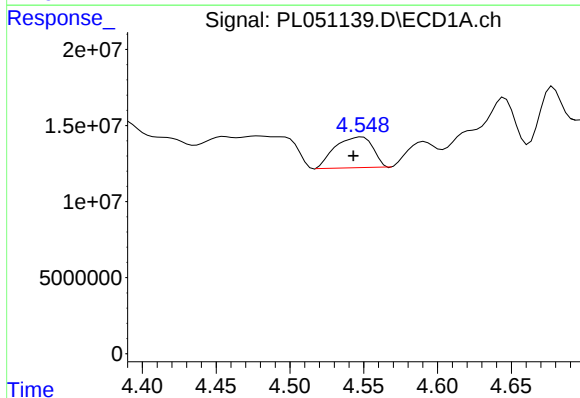
R.T.: 4.303 min  
Delta R.T.: -0.002 min  
Response: 14750641  
Conc: 0.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-008-SW109-073119



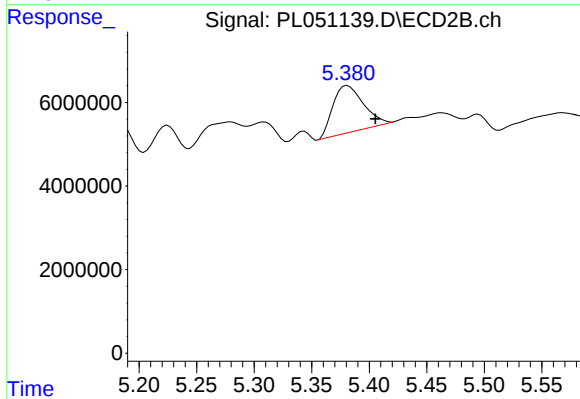
#4 Heptachlor

R.T.: 5.100 min  
Delta R.T.: -0.003 min  
Response: 1681948  
Conc: 0.41 ng/ml



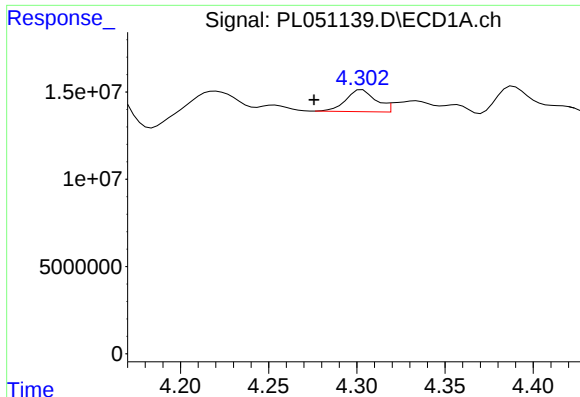
#5 Aldrin

R.T.: 4.548 min  
Delta R.T.: 0.005 min  
Response: 36069778  
Conc: 2.33 ng/ml



#5 Aldrin

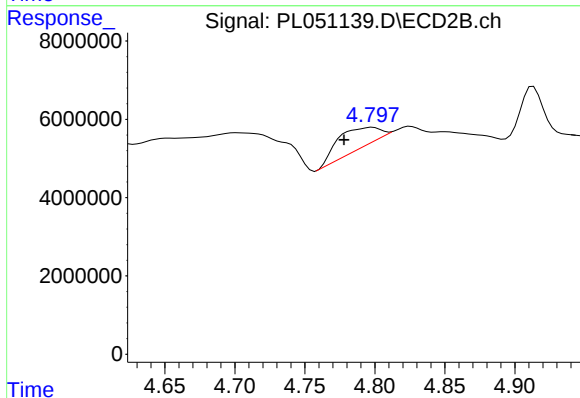
R.T.: 5.381 min  
Delta R.T.: -0.024 min  
Response: 20721005  
Conc: 5.50 ng/ml



#6 beta-BHC

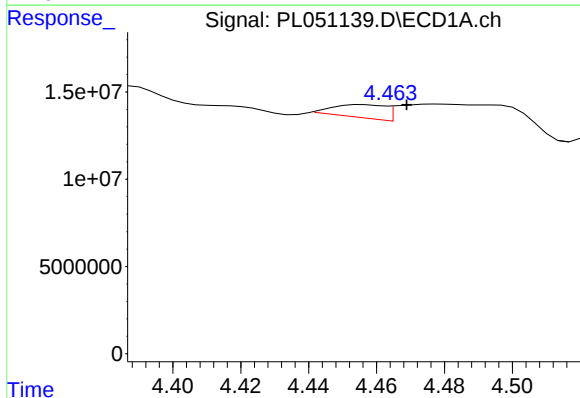
R.T.: 4.303 min  
Delta R.T.: 0.027 min  
Response: 14750641  
Conc: 2.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-008-SW109-073119



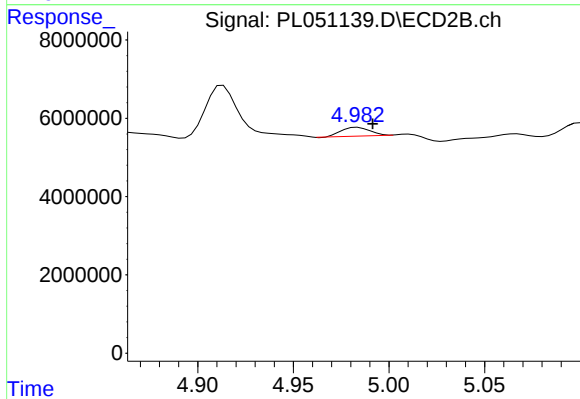
#6 beta-BHC

R.T.: 4.798 min  
Delta R.T.: 0.020 min  
Response: 10613858  
Conc: 6.14 ng/ml



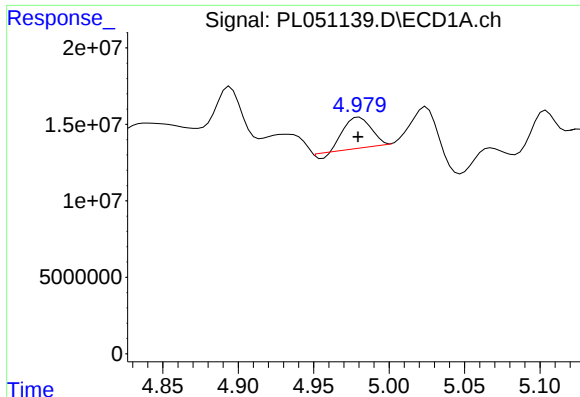
#7 delta-BHC

R.T.: 4.456 min  
Delta R.T.: -0.013 min  
Response: 8008664  
Conc: 0.49 ng/ml



#7 delta-BHC

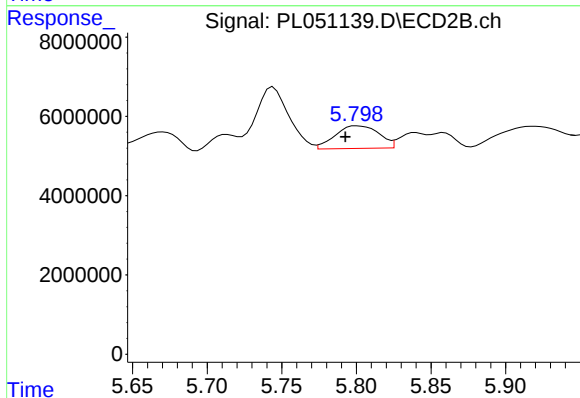
R.T.: 4.984 min  
Delta R.T.: -0.008 min  
Response: 2330694  
Conc: 0.60 ng/ml



#8 Heptachlor epoxide

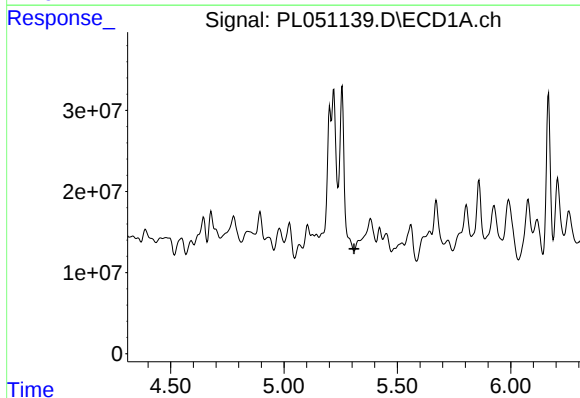
R.T.: 4.980 min  
Delta R.T.: 0.000 min  
Response: 24544938  
Conc: 1.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-008-SW109-073119



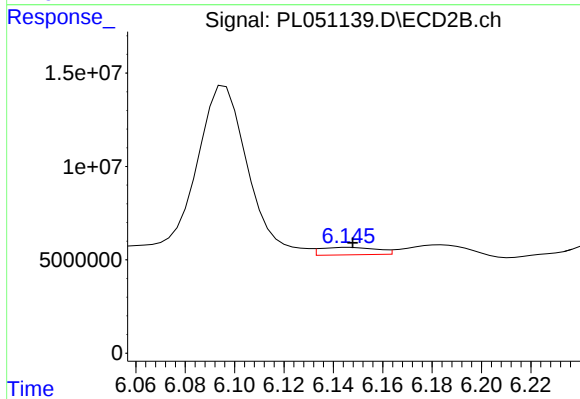
#8 Heptachlor epoxide

R.T.: 5.800 min  
Delta R.T.: 0.008 min  
Response: 11631182  
Conc: 3.04 ng/ml



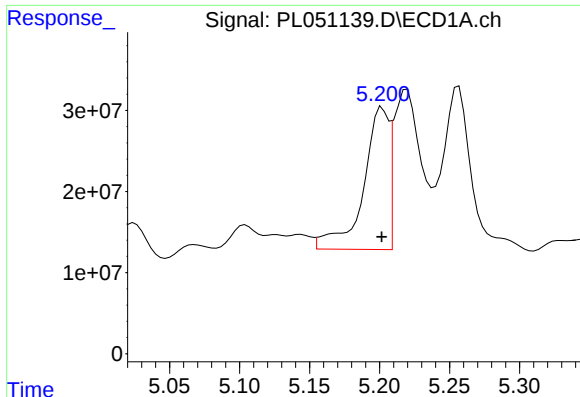
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.310 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

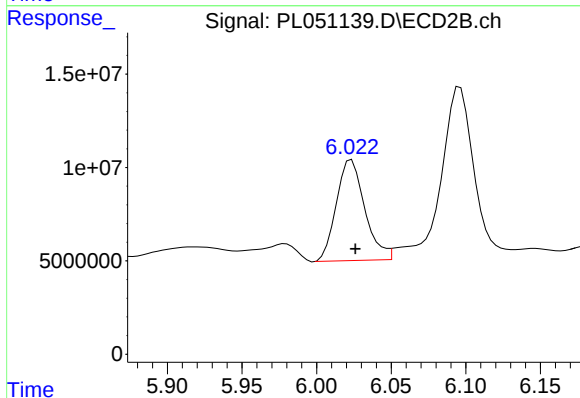
R.T.: 6.146 min  
Delta R.T.: -0.001 min  
Response: 6323656  
Conc: 1.84 ng/ml



#10 gamma-Chlordane

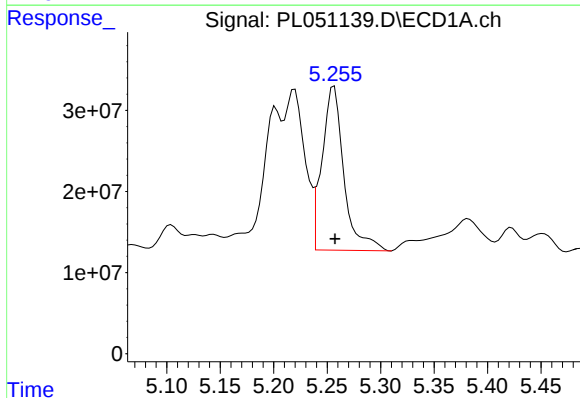
R.T.: 5.202 min  
Delta R.T.: 0.000 min  
Response: 221532465  
Conc: 14.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-008-SW109-073119



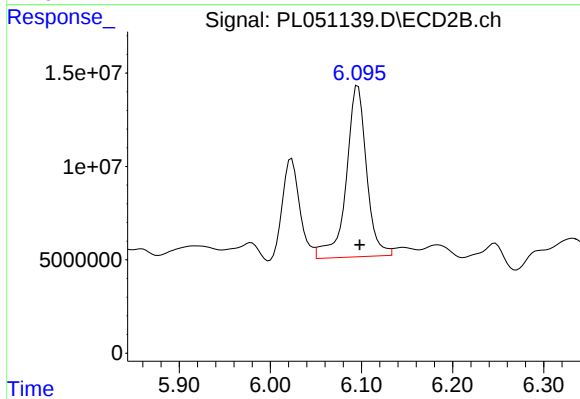
#10 gamma-Chlordane

R.T.: 6.023 min  
Delta R.T.: -0.003 min  
Response: 71668898  
Conc: 19.39 ng/ml



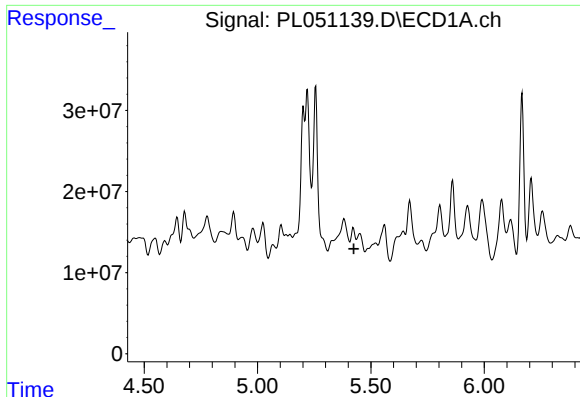
#11 alpha-Chlordane

R.T.: 5.256 min  
Delta R.T.: 0.000 min  
Response: 289172230  
Conc: 18.95 ng/ml



#11 alpha-Chlordane

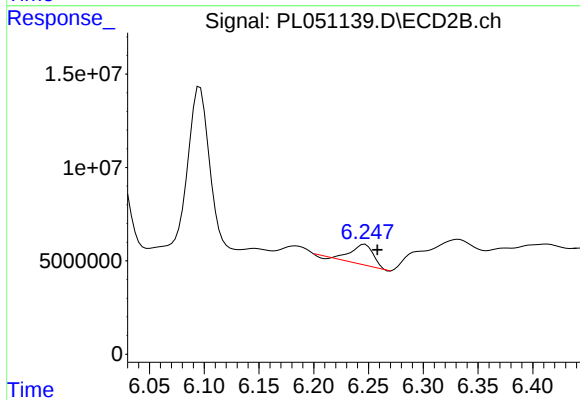
R.T.: 6.096 min  
Delta R.T.: -0.002 min  
Response: 141989182  
Conc: 38.74 ng/ml



#12 4,4'-DDE

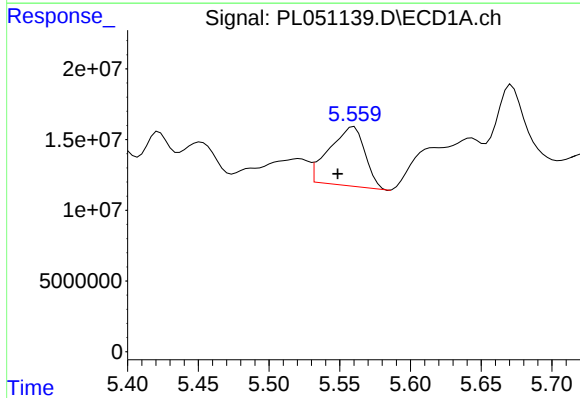
R.T.: 5.422 min  
Delta R.T.: -0.002 min  
Response: -7599997  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-008-SW109-073119



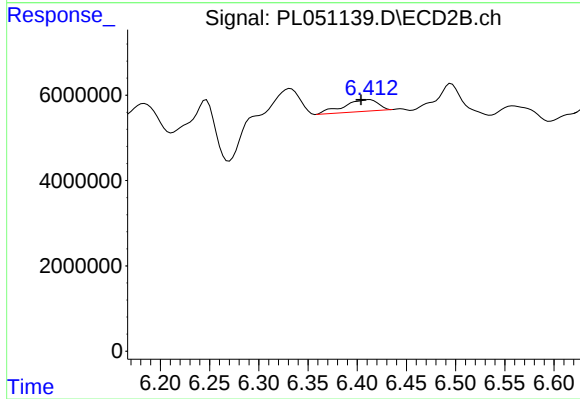
#12 4,4'-DDE

R.T.: 6.247 min  
Delta R.T.: -0.011 min  
Response: 15113876  
Conc: 4.19 ng/ml



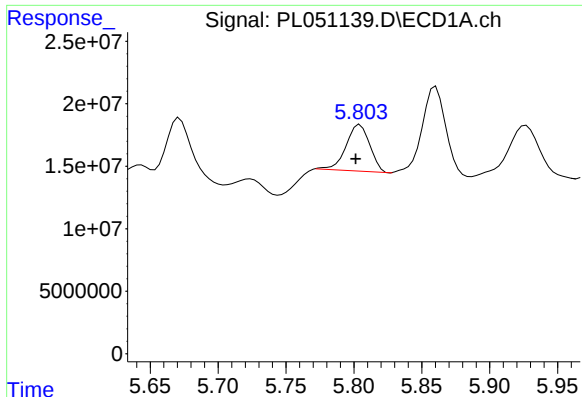
#13 Dieldrin

R.T.: 5.560 min  
Delta R.T.: 0.011 min  
Response: 73443145  
Conc: 4.74 ng/ml



#13 Dieldrin

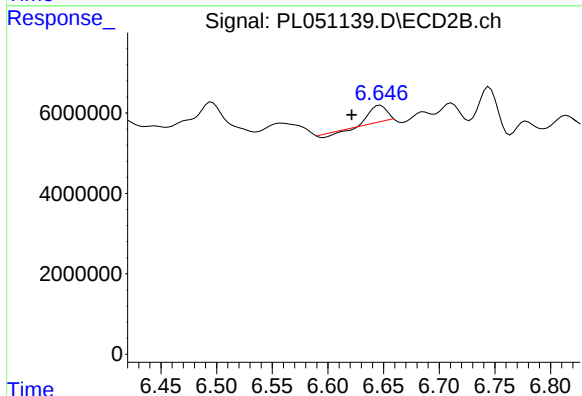
R.T.: 6.413 min  
Delta R.T.: 0.009 min  
Response: 6646952  
Conc: 1.88 ng/ml



#14 Endrin

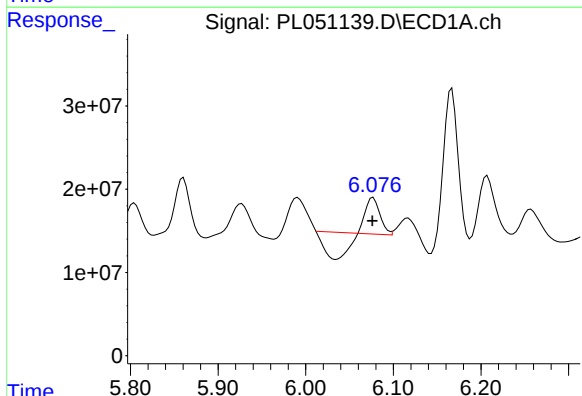
R.T.: 5.805 min  
Delta R.T.: 0.003 min  
Response: 45295434  
Conc: 3.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-008-SW109-073119



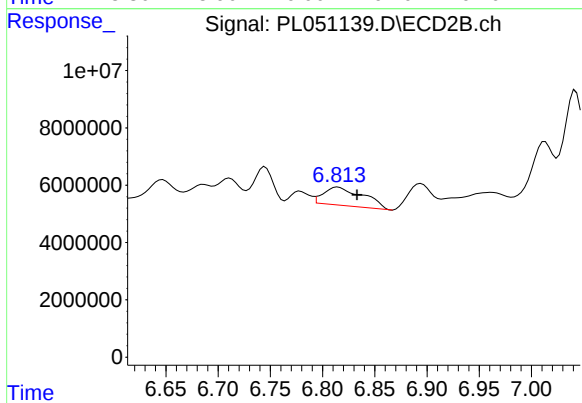
#14 Endrin

R.T.: 6.647 min  
Delta R.T.: 0.026 min  
Response: 3915997  
Conc: 1.26 ng/ml



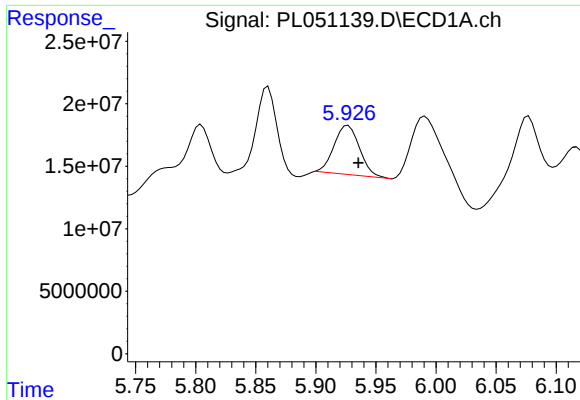
#15 Endosulfan II

R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 5032282  
Conc: 0.36 ng/ml



#15 Endosulfan II

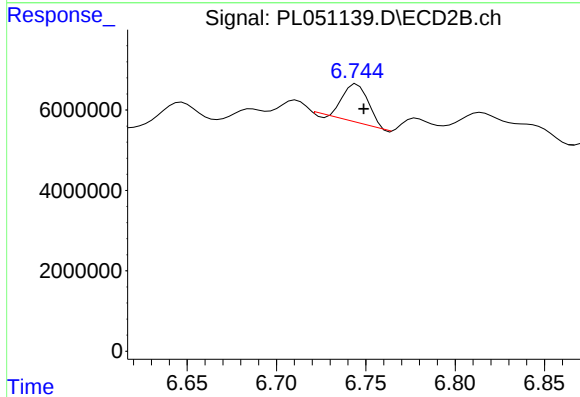
R.T.: 6.815 min  
Delta R.T.: -0.019 min  
Response: 16834909  
Conc: 5.30 ng/ml



#16 4,4'-DDD

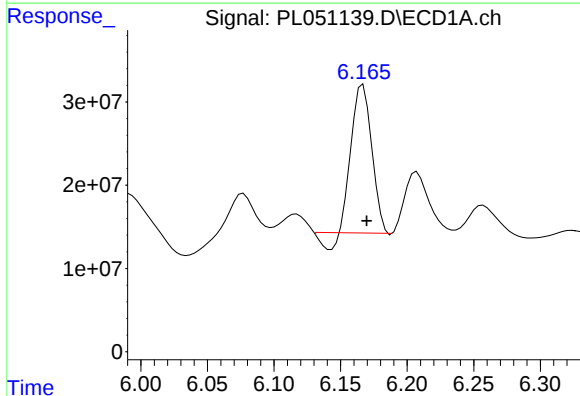
R.T.: 5.927 min  
Delta R.T.: -0.009 min  
Response: 58052556  
Conc: 4.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-008-SW109-073119



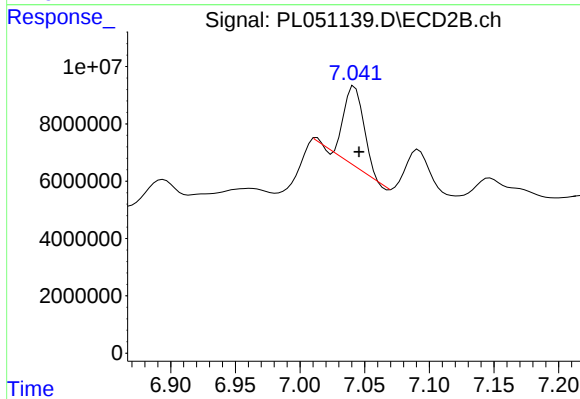
#16 4,4'-DDD

R.T.: 6.745 min  
Delta R.T.: -0.004 min  
Response: 9304325  
Conc: 3.49 ng/ml



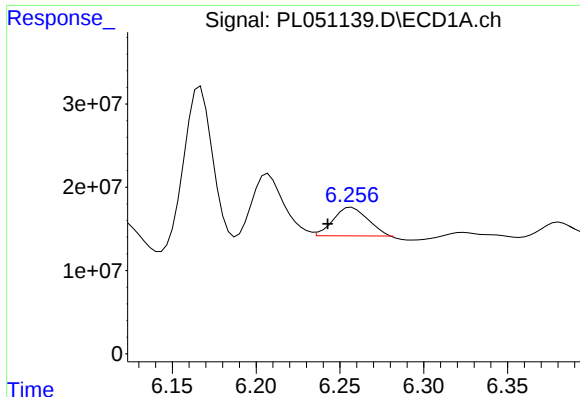
#17 4,4'-DDT

R.T.: 6.167 min  
Delta R.T.: -0.003 min  
Response: 178624578  
Conc: 14.42 ng/ml



#17 4,4'-DDT

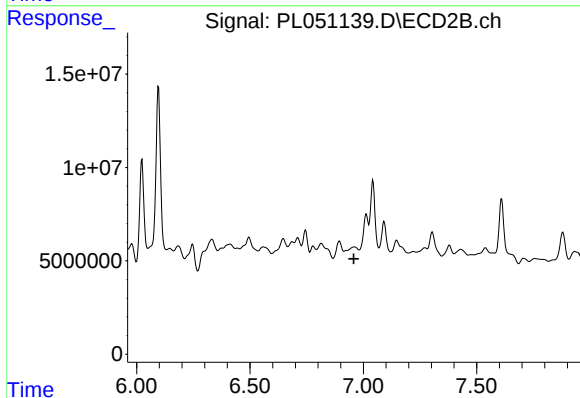
R.T.: 7.042 min  
Delta R.T.: -0.003 min  
Response: 30126284  
Conc: 11.16 ng/ml



#18 Endrin aldehyde

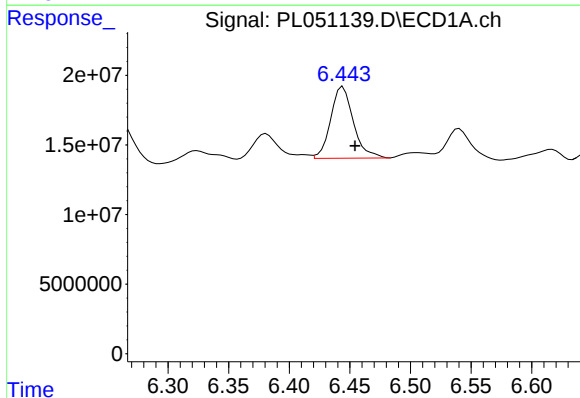
R.T.: 6.257 min  
Delta R.T.: 0.014 min  
Response: 48952055  
Conc: 4.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-008-SW109-073119



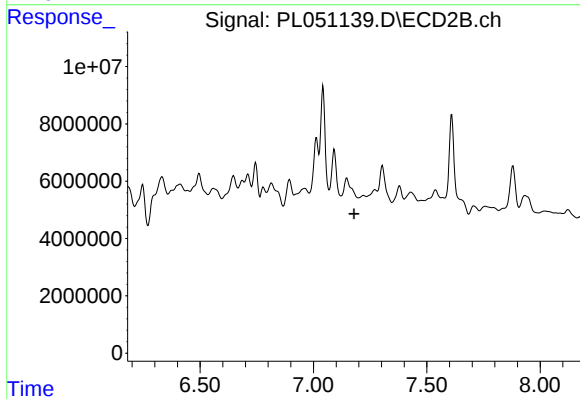
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.957 min  
Response: 0  
Conc: N.D.



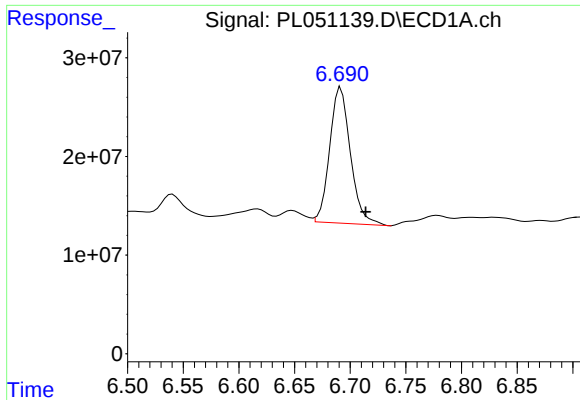
#19 Endosulfan Sulfate

R.T.: 6.444 min  
Delta R.T.: -0.010 min  
Response: 66940708  
Conc: 5.25 ng/ml



#19 Endosulfan Sulfate

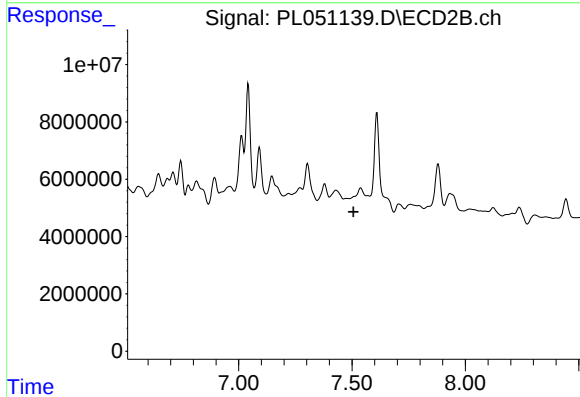
R.T.: 0.000 min  
Exp R.T. : 7.180 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

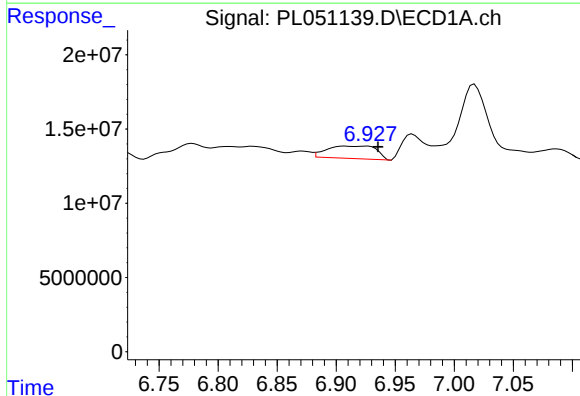
R.T.: 6.692 min  
Delta R.T.: -0.022 min  
Response: 178658744  
Conc: 28.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-008-SW109-073119



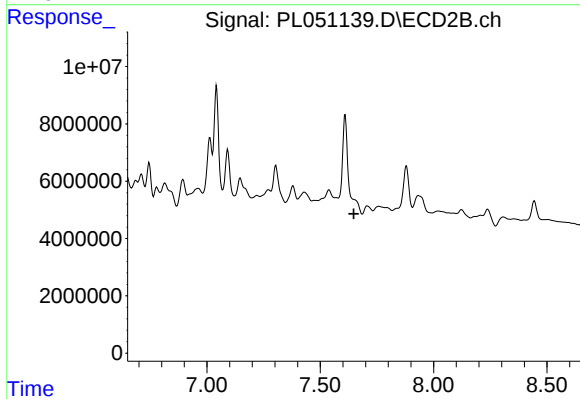
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.507 min  
Response: 0  
Conc: N.D.



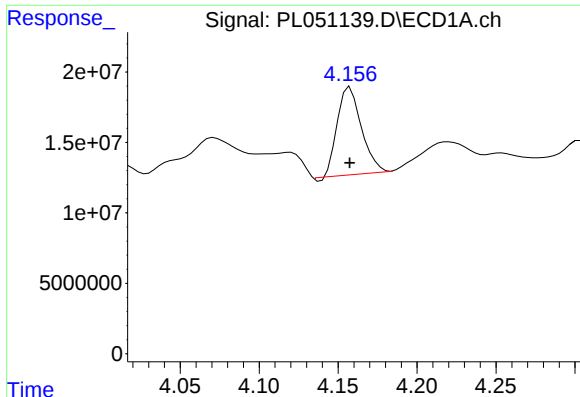
#21 Endrin ketone

R.T.: 6.908 min  
Delta R.T.: -0.028 min  
Response: 24689399  
Conc: 1.81 ng/ml



#21 Endrin ketone

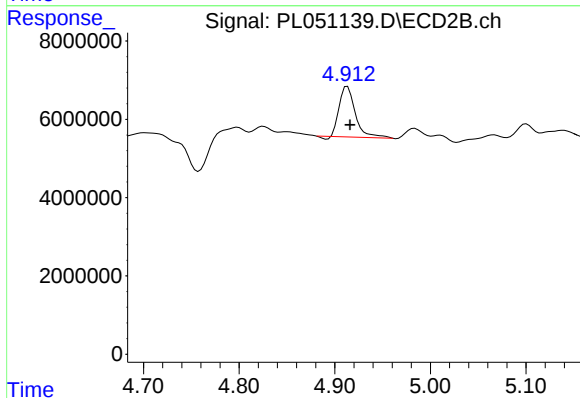
R.T.: 0.000 min  
Exp R.T. : 7.648 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

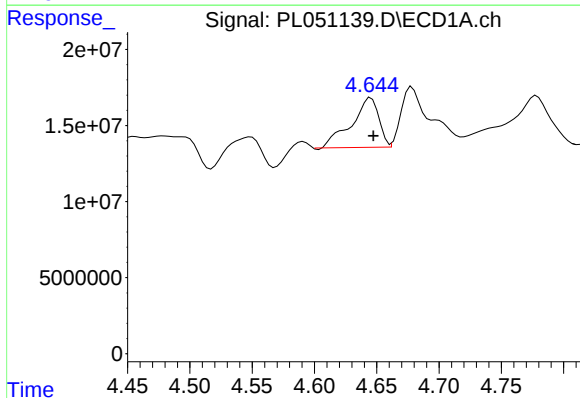
R.T.: 4.158 min  
Delta R.T.: 0.000 min  
Response: 65834755  
Conc: 178.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-008-SW109-073119



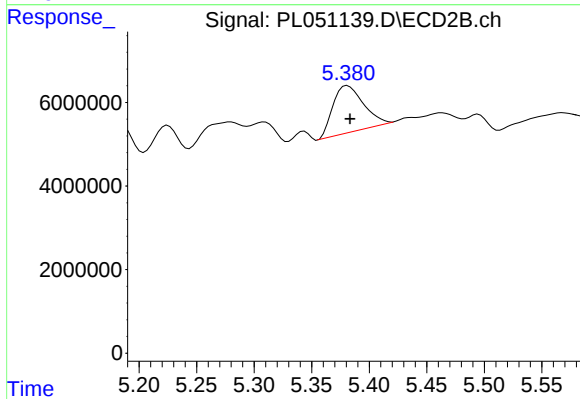
#23 Chlordane-1

R.T.: 4.913 min  
Delta R.T.: -0.003 min  
Response: 14868309  
Conc: 137.05 ng/ml



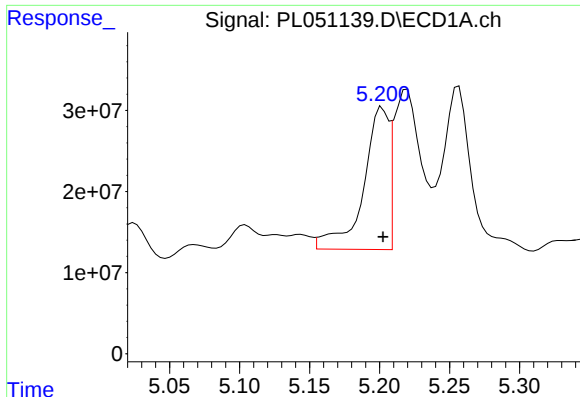
#24 Chlordane-2

R.T.: 4.645 min  
Delta R.T.: -0.002 min  
Response: 49728500  
Conc: 111.10 ng/ml



#24 Chlordane-2

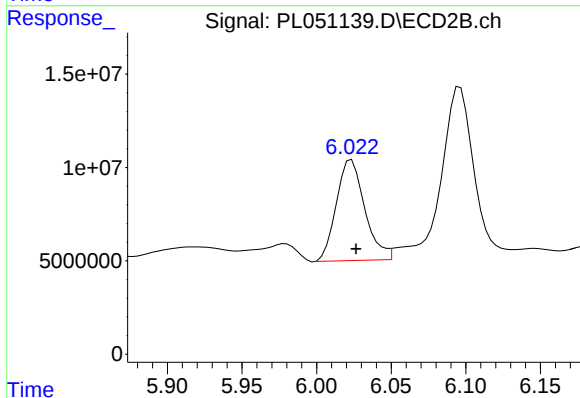
R.T.: 5.381 min  
Delta R.T.: -0.002 min  
Response: 20721005  
Conc: 176.42 ng/ml



#25 Chlordane-3

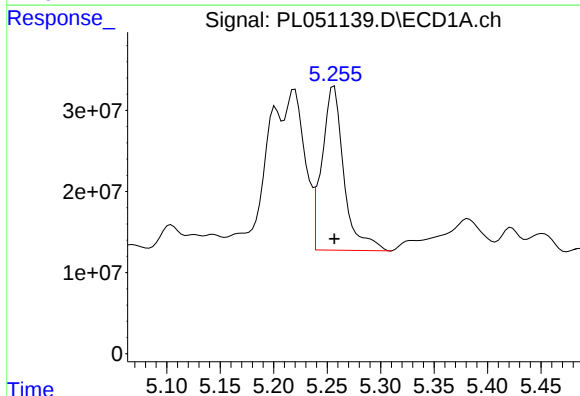
R.T.: 5.202 min  
Delta R.T.: 0.000 min  
Response: 221532465  
Conc: 158.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-008-SW109-073119



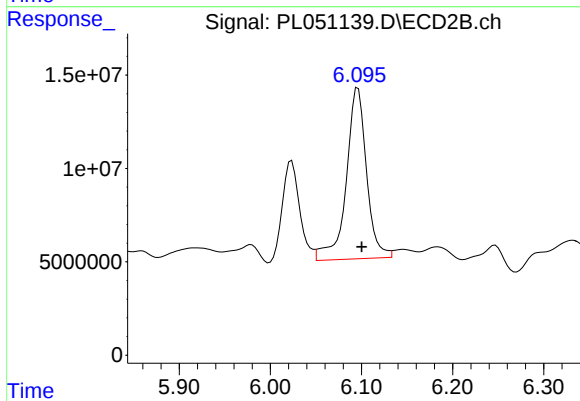
#25 Chlordane-3

R.T.: 6.023 min  
Delta R.T.: -0.003 min  
Response: 71668898  
Conc: 149.01 ng/ml



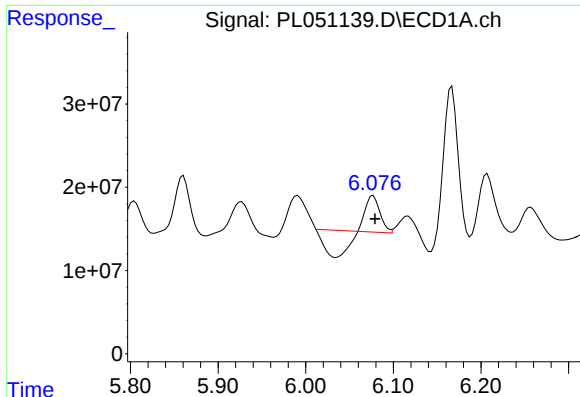
#26 Chlordane-4

R.T.: 5.256 min  
Delta R.T.: 0.000 min  
Response: 289172230  
Conc: 219.24 ng/ml



#26 Chlordane-4

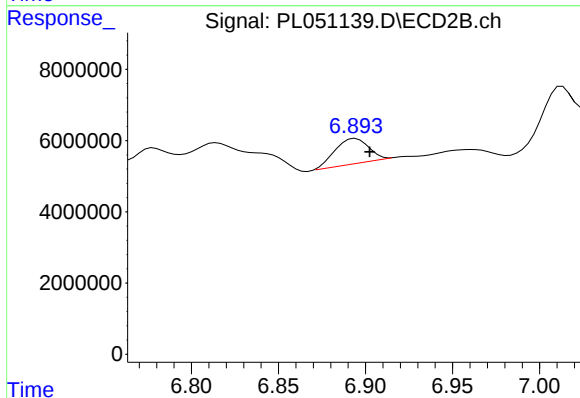
R.T.: 6.096 min  
Delta R.T.: -0.004 min  
Response: 141989182  
Conc: 244.42 ng/ml



#27 Chlordane-5

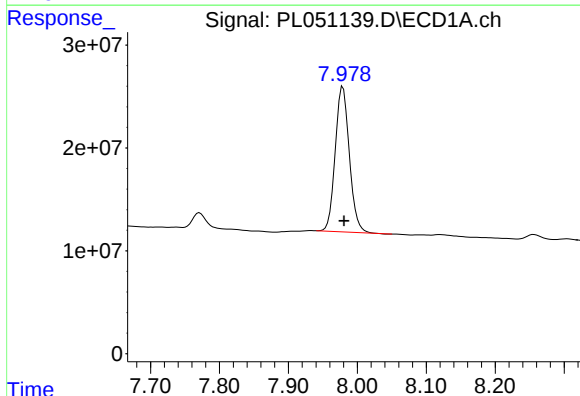
R.T.: 6.077 min  
Delta R.T.: -0.002 min  
Response: 5032282  
Conc: 9.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
EXT-008-SW109-073119



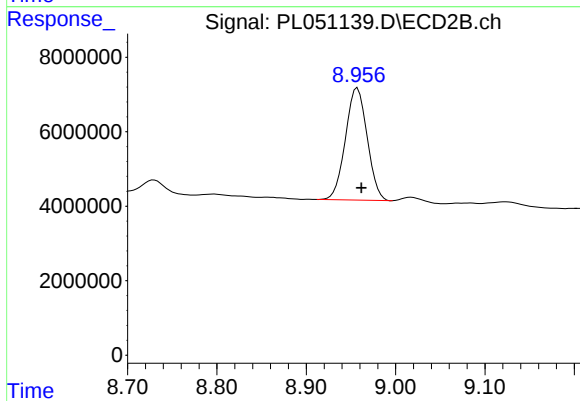
#27 Chlordane-5

R.T.: 6.894 min  
Delta R.T.: -0.008 min  
Response: 9445771  
Conc: 99.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.979 min  
Delta R.T.: -0.001 min  
Response: 200534143  
Conc: 19.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.957 min  
Delta R.T.: -0.004 min  
Response: 51061878  
Conc: 18.06 ng/ml