

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012420\  
 Data File : PL056033.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jan 2020 15:03  
 Operator : AJ\MA  
 Sample : L1243-07  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CTY-SB-04-0-5

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 24 22:18:00 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012020.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 02:21:03 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... | 3.489  | 3.966  | 141.6E6  | 41257200 | 14.774  | 14.598   |
| 28)                         | SA Decachlor... | 8.233  | 8.954  | 145.3E6  | 32979471 | 13.898  | 14.395   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.375f | 0        | 6989602  | N.D.    | 1.648 #  |
| 4)                          | MA Heptachlor   | 4.514  | 5.149f | 11586980 | 3689697  | 0.776   | 1.091 #  |
| 5)                          | MB Aldrin       | 4.761  | 5.427  | 15549435 | 13986205 | 1.062   | 4.080 #  |
| 6)                          | B beta-BHC      | 4.480f | 0.000  | 47606914 | 0        | 7.418   | N.D. #   |
| 7)                          | B delta-BHC     | 4.680f | 5.005  | 35682791 | 4414027  | 2.435   | 1.477 #  |
| 8)                          | B Heptachlo...  | 5.201  | 5.799  | 19768676 | 7389238  | 1.433   | 2.473 #  |
| 9)                          | A Endosulfan I  | 5.564f | 6.150  | 9296930  | 5001937  | 0.717   | 1.718 #  |
| 10)                         | B gamma-Chl...  | 5.419  | 6.041  | 77698684 | 10299736 | 5.538   | 3.340 #  |
| 11)                         | B alpha-Chl...  | 5.484  | 6.114  | 54123766 | 24945316 | 3.915   | 8.079 #  |
| 12)                         | B 4,4'-DDE      | 5.647  | 6.266  | 32233952 | 10174316 | 2.468   | 3.474 #  |
| 13)                         | MA Dieldrin     | 5.774  | 6.400f | 30943872 | 9975638  | 2.237   | 3.301 #  |
| 14)                         | MA Endrin       | 6.033  | 6.623  | 7008301  | 1915339  | 0.555   | 0.756 #  |
| 15)                         | B Endosulfa...  | 6.299  | 6.823f | 10959844 | 1383919  | 0.981   | 0.516 #  |
| 16)                         | A 4,4'-DDD      | 6.163  | 6.757  | 2961816  | 11862912 | 0.297   | 5.146 #  |
| 17)                         | MA 4,4'-DDT     | 6.399  | 7.048  | 76443331 | 2648046  | 7.553   | 1.173 #  |
| 18)                         | B Endrin al...  | 6.493  | 6.980f | 24895919 | 1847522  | 2.396   | 0.818 #  |
| 19)                         | B Endosulfa...  | 6.686  | 0.000  | 28370978 | 0        | 2.623   | N.D. #   |
| 20)                         | A Methoxychlor  | 6.931f | 7.524f | 81019325 | 18362559 | 15.526  | 15.389   |
| 21)                         | B Endrin ke...  | 7.206f | 0.000  | 33951222 | 0        | 2.697   | N.D. #   |
| 23)                         | Chlordane-1     | 4.359  | 4.942  | 36901597 | 7511231  | 100.648 | 71.333 # |
| 24)                         | Chlordane-2     | 4.859  | 5.403  | 38194797 | 8847120  | 88.262  | 80.249   |
| 25)                         | Chlordane-3     | 5.419  | 6.041  | 77698684 | 10299736 | 62.394  | 25.949 # |
| 26)                         | Chlordane-4     | 5.484  | 6.114  | 54123766 | 24945316 | 52.489  | 53.140   |
| 27)                         | Chlordane-5     | 6.299f | 0.000  | 10959844 | 0        | 28.022  | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

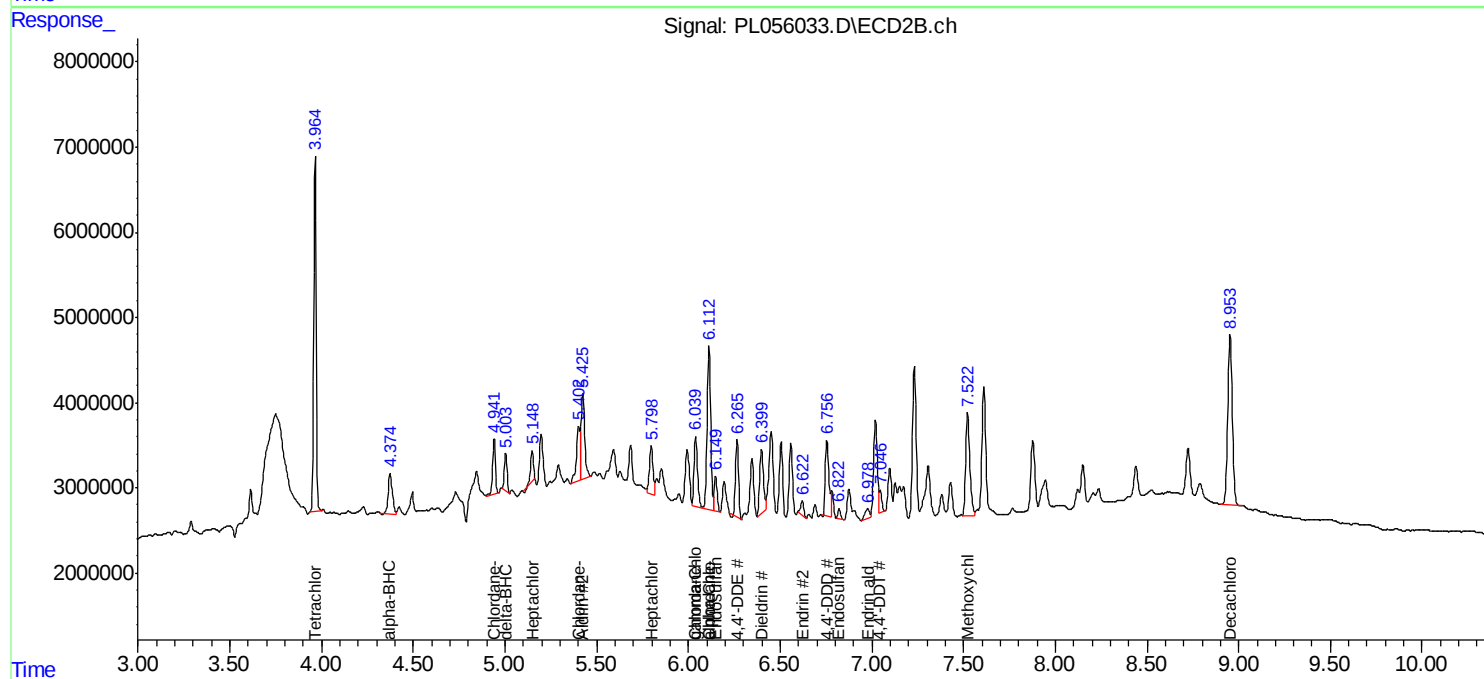
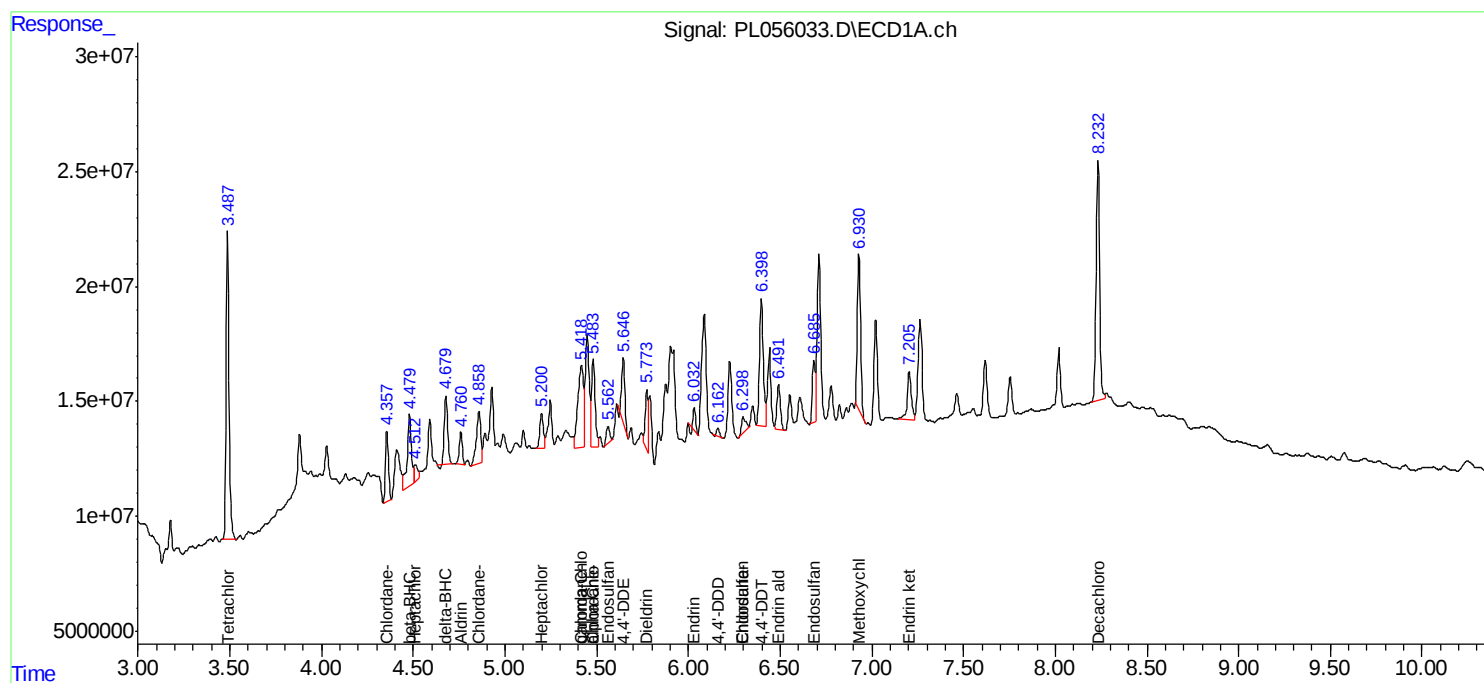
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

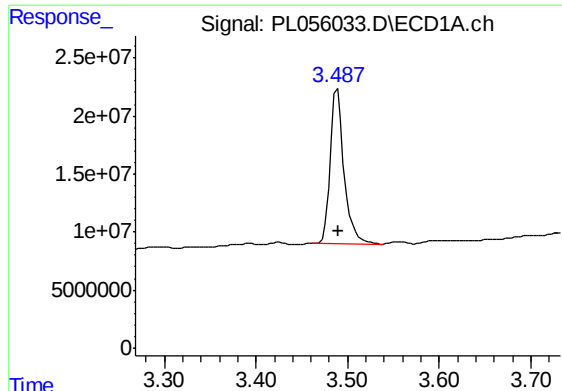
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012420\  
Data File : PL056033.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jan 2020 15:03  
Operator : AJ\MA  
Sample : L1243-07  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
CTY-SB-04-0-5

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 24 22:18:00 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012020.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 02:21:03 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

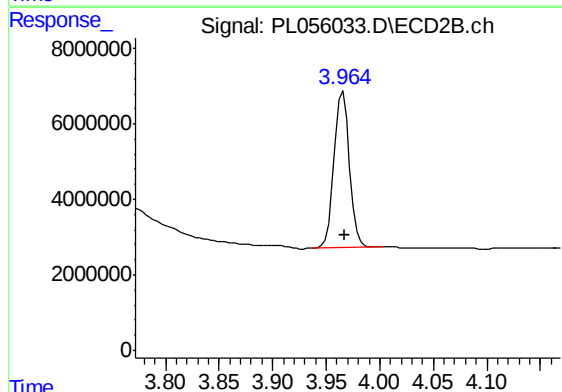




#1 Tetrachloro-m-xylene

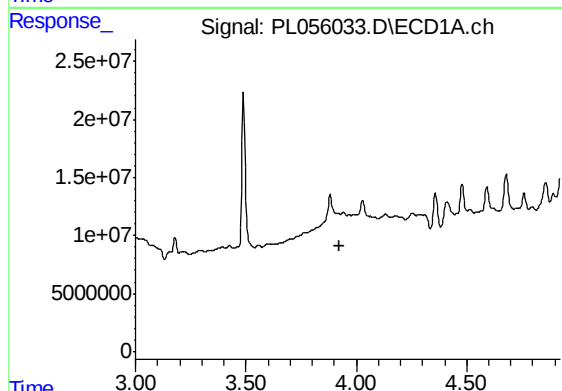
R.T.: 3.489 min  
Delta R.T.: -0.001 min  
Response: 141599973  
Conc: 14.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTY-SB-04-0-5



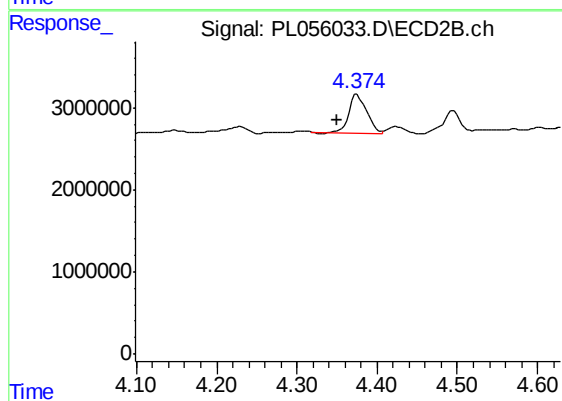
#1 Tetrachloro-m-xylene

R.T.: 3.966 min  
Delta R.T.: 0.000 min  
Response: 41257200  
Conc: 14.60 ng/ml



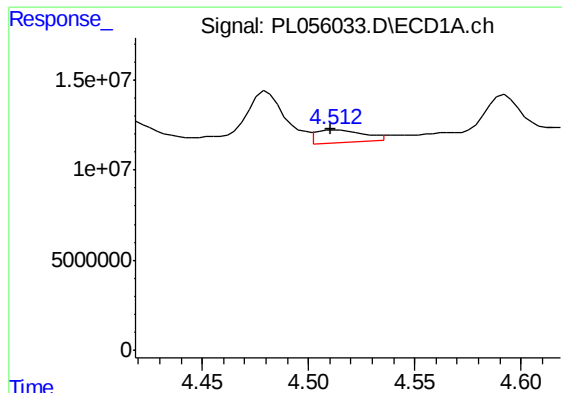
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.927 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

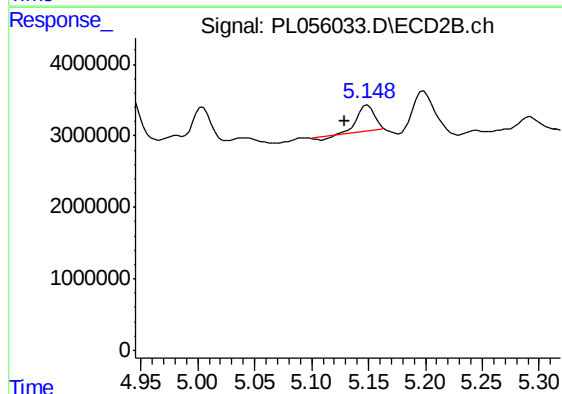
R.T.: 4.375 min  
Delta R.T.: 0.026 min  
Response: 6989602  
Conc: 1.65 ng/ml



#4 Heptachlor

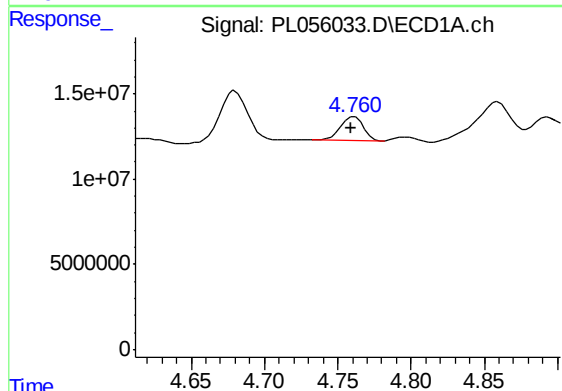
R.T.: 4.514 min  
Delta R.T.: 0.003 min  
Response: 11586980  
Conc: 0.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTY-SB-04-0-5



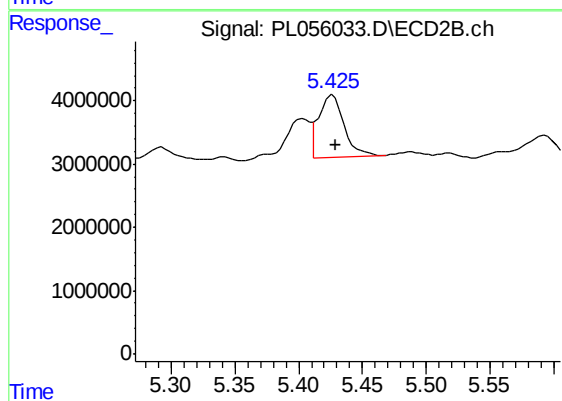
#4 Heptachlor

R.T.: 5.149 min  
Delta R.T.: 0.020 min  
Response: 3689697  
Conc: 1.09 ng/ml



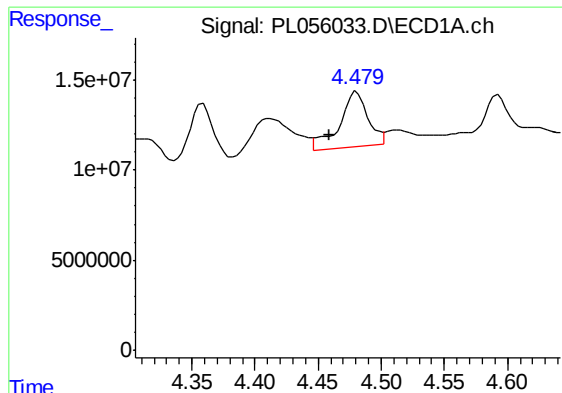
#5 Aldrin

R.T.: 4.761 min  
Delta R.T.: 0.002 min  
Response: 15549435  
Conc: 1.06 ng/ml



#5 Aldrin

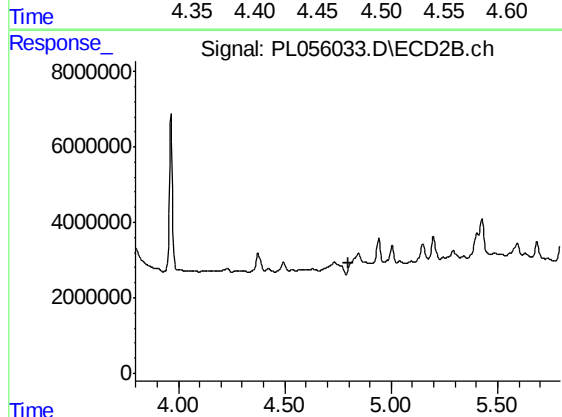
R.T.: 5.427 min  
Delta R.T.: -0.002 min  
Response: 13986205  
Conc: 4.08 ng/ml



#6 beta-BHC

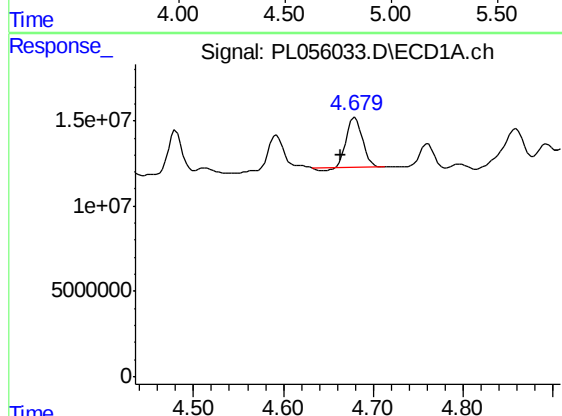
R.T.: 4.480 min  
Delta R.T.: 0.021 min  
Response: 47606914  
Conc: 7.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTY-SB-04-0-5



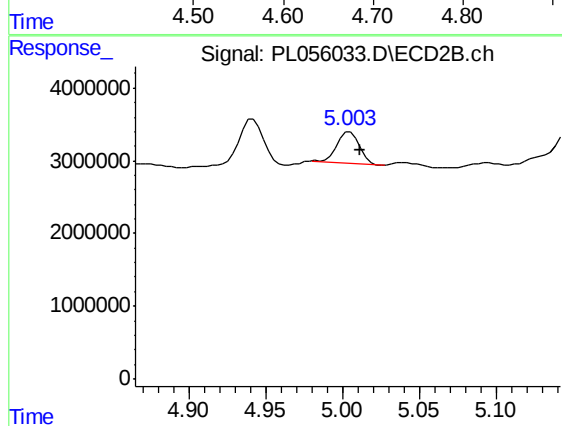
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.798 min  
Response: 0  
Conc: N.D.



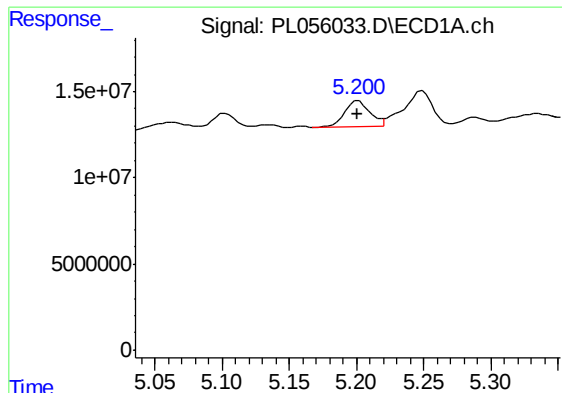
#7 delta-BHC

R.T.: 4.680 min  
Delta R.T.: 0.016 min  
Response: 35682791  
Conc: 2.43 ng/ml



#7 delta-BHC

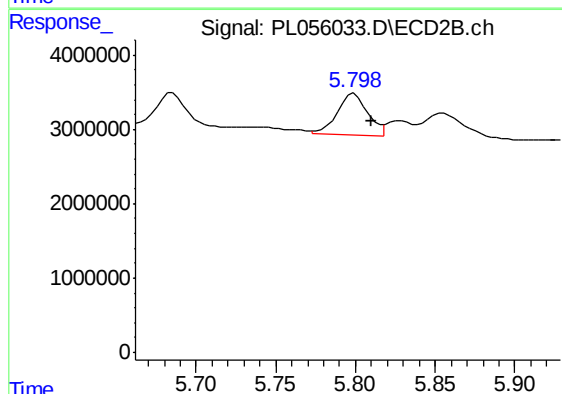
R.T.: 5.005 min  
Delta R.T.: -0.007 min  
Response: 4414027  
Conc: 1.48 ng/ml



#8 Heptachlor epoxide

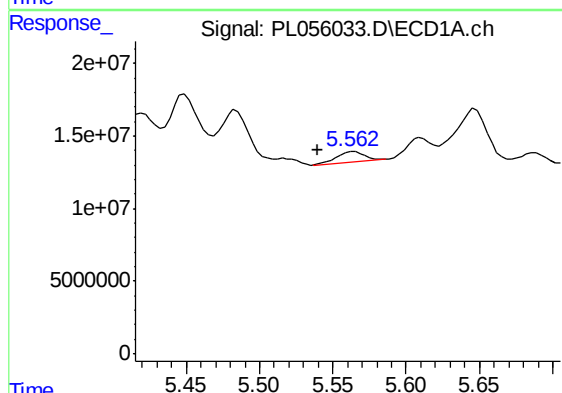
R.T.: 5.201 min  
Delta R.T.: 0.000 min  
Response: 19768676  
Conc: 1.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTY-SB-04-0-5



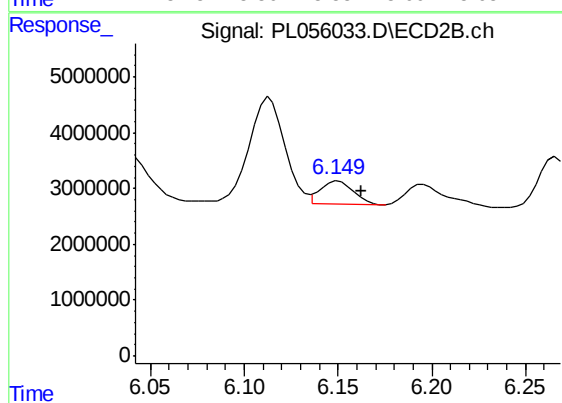
#8 Heptachlor epoxide

R.T.: 5.799 min  
Delta R.T.: -0.011 min  
Response: 7389238  
Conc: 2.47 ng/ml



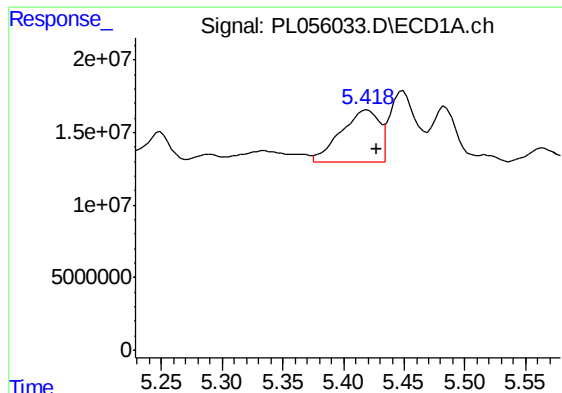
#9 Endosulfan I

R.T.: 5.564 min  
Delta R.T.: 0.024 min  
Response: 9296930  
Conc: 0.72 ng/ml



#9 Endosulfan I

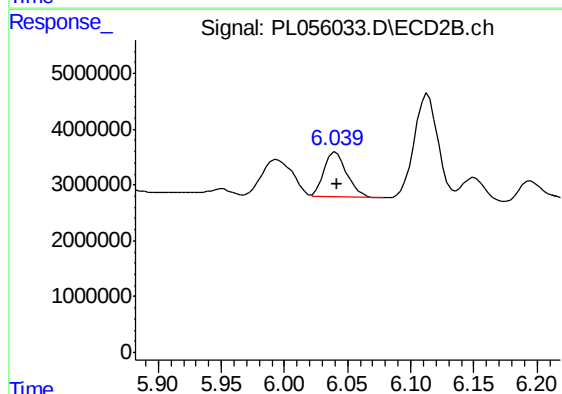
R.T.: 6.150 min  
Delta R.T.: -0.012 min  
Response: 5001937  
Conc: 1.72 ng/ml



#10 gamma-Chlordane

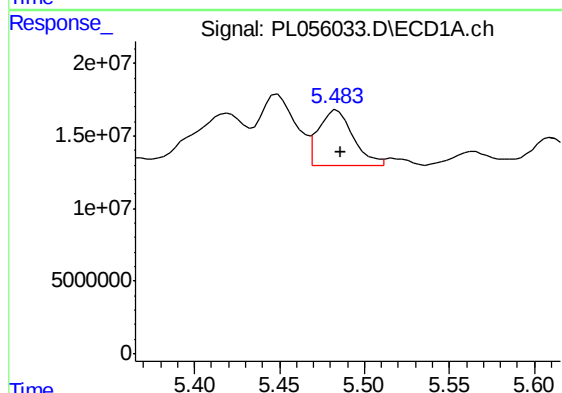
R.T.: 5.419 min  
Delta R.T.: -0.009 min  
Response: 77698684  
Conc: 5.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTY-SB-04-0-5



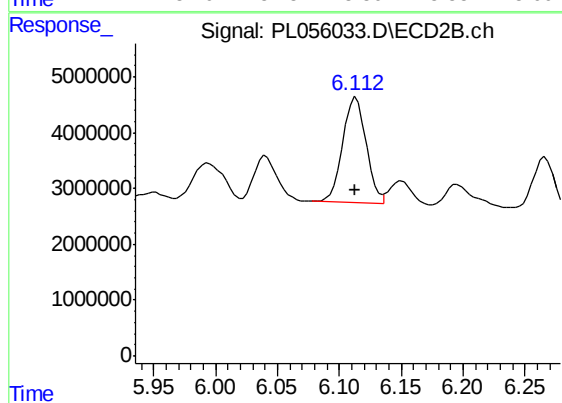
#10 gamma-Chlordane

R.T.: 6.041 min  
Delta R.T.: 0.000 min  
Response: 10299736  
Conc: 3.34 ng/ml



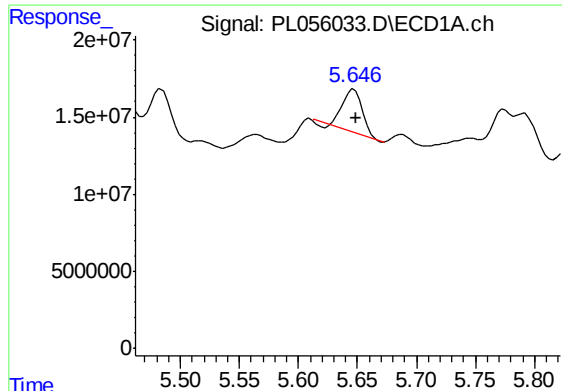
#11 alpha-Chlordane

R.T.: 5.484 min  
Delta R.T.: -0.002 min  
Response: 54123766  
Conc: 3.92 ng/ml



#11 alpha-Chlordane

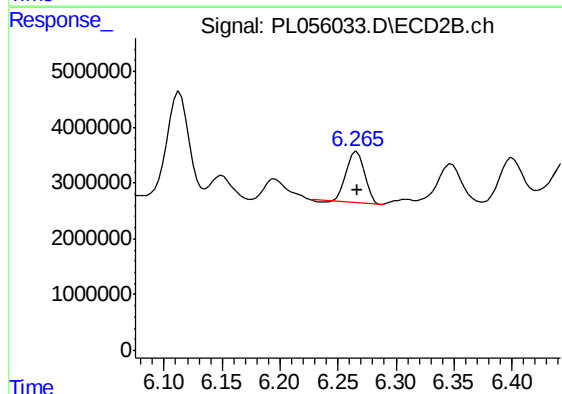
R.T.: 6.114 min  
Delta R.T.: 0.001 min  
Response: 24945316  
Conc: 8.08 ng/ml



#12 4,4'-DDE

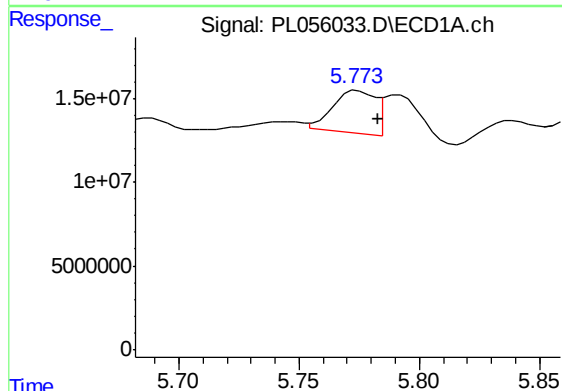
R.T.: 5.647 min  
Delta R.T.: -0.002 min  
Response: 32233952  
Conc: 2.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTY-SB-04-0-5



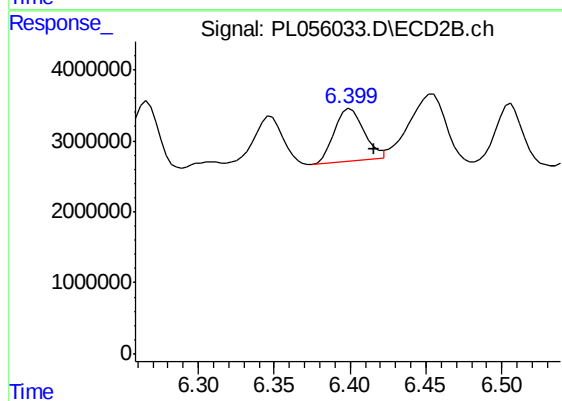
#12 4,4'-DDE

R.T.: 6.266 min  
Delta R.T.: 0.000 min  
Response: 10174316  
Conc: 3.47 ng/ml



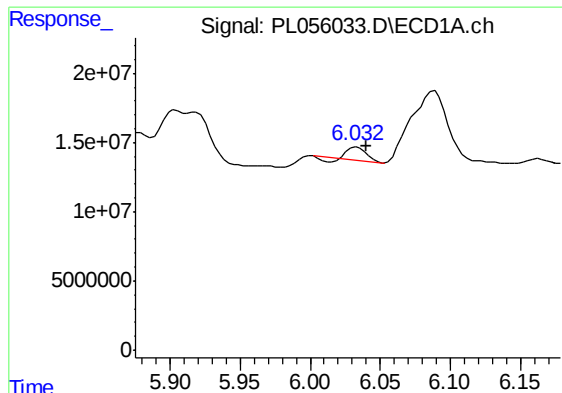
#13 Dieldrin

R.T.: 5.774 min  
Delta R.T.: -0.008 min  
Response: 30943872  
Conc: 2.24 ng/ml



#13 Dieldrin

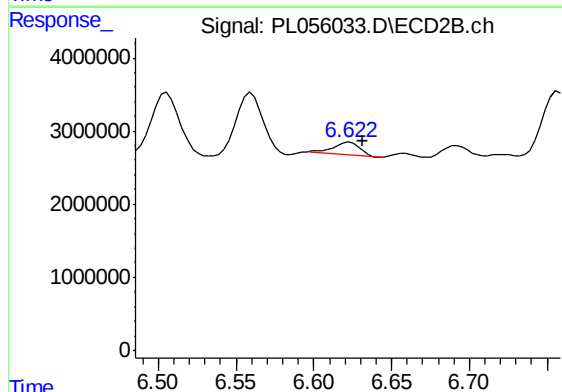
R.T.: 6.400 min  
Delta R.T.: -0.016 min  
Response: 9975638  
Conc: 3.30 ng/ml



#14 Endrin

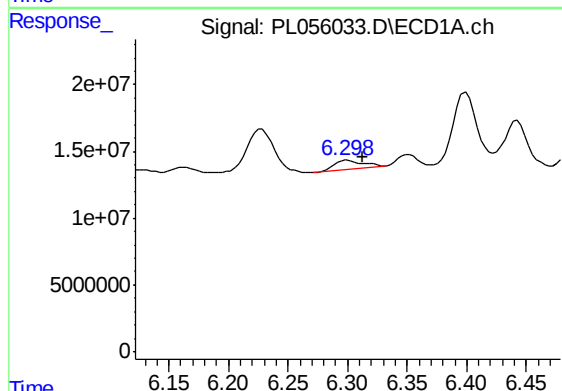
R.T.: 6.033 min  
Delta R.T.: -0.007 min  
Response: 7008301  
Conc: 0.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTY-SB-04-0-5



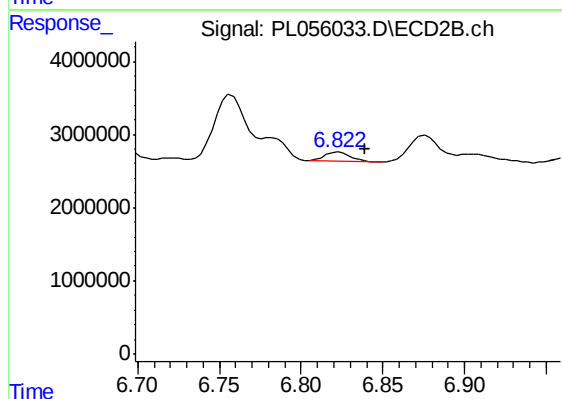
#14 Endrin

R.T.: 6.623 min  
Delta R.T.: -0.009 min  
Response: 1915339  
Conc: 0.76 ng/ml



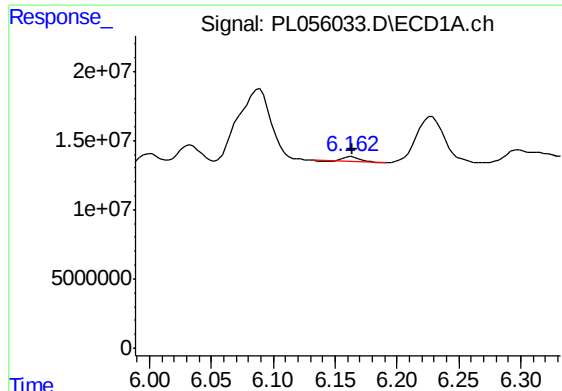
#15 Endosulfan II

R.T.: 6.299 min  
Delta R.T.: -0.013 min  
Response: 10959844  
Conc: 0.98 ng/ml



#15 Endosulfan II

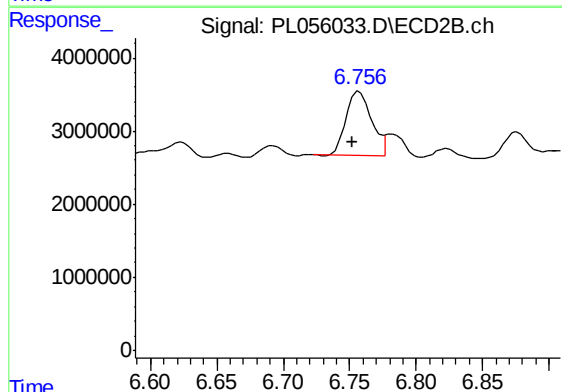
R.T.: 6.823 min  
Delta R.T.: -0.016 min  
Response: 1383919  
Conc: 0.52 ng/ml



#16 4,4'-DDD

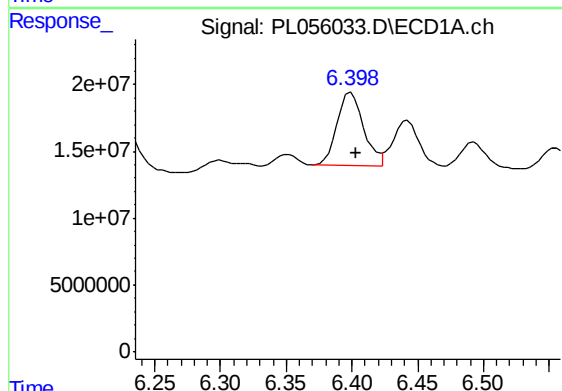
R.T.: 6.163 min  
Delta R.T.: 0.000 min  
Response: 2961816  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTY-SB-04-0-5



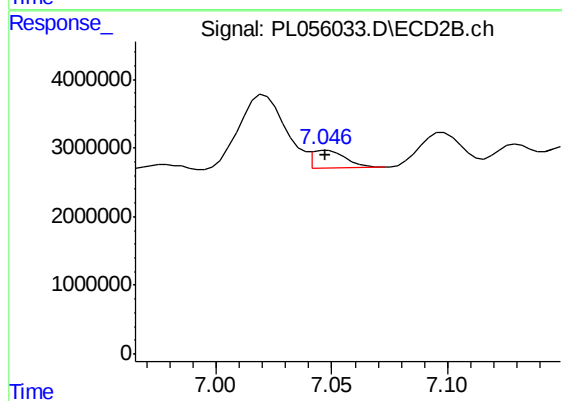
#16 4,4'-DDD

R.T.: 6.757 min  
Delta R.T.: 0.006 min  
Response: 11862912  
Conc: 5.15 ng/ml



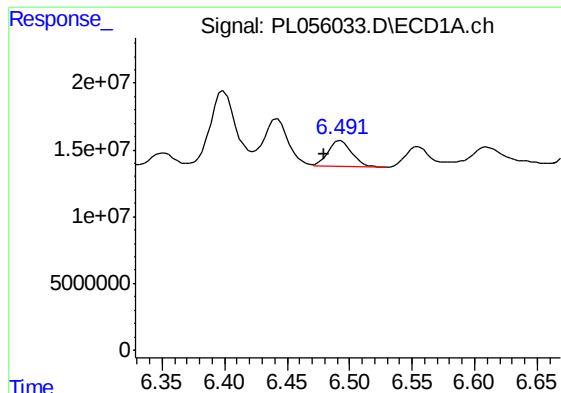
#17 4,4'-DDT

R.T.: 6.399 min  
Delta R.T.: -0.003 min  
Response: 76443331  
Conc: 7.55 ng/ml



#17 4,4'-DDT

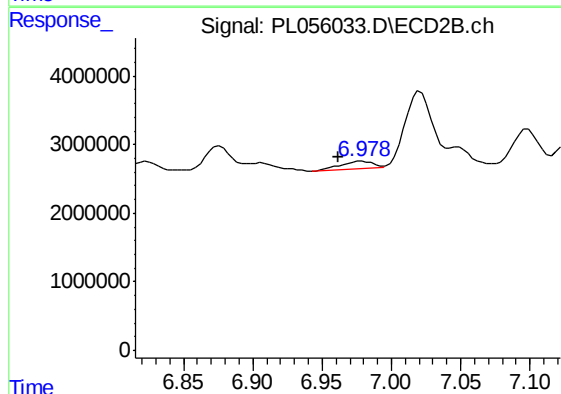
R.T.: 7.048 min  
Delta R.T.: 0.000 min  
Response: 2648046  
Conc: 1.17 ng/ml



#18 Endrin aldehyde

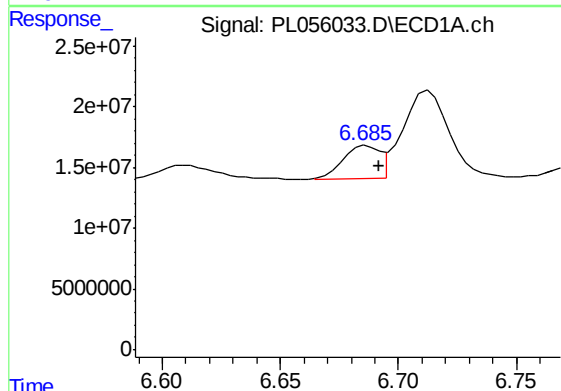
R.T.: 6.493 min  
Delta R.T.: 0.013 min  
Response: 24895919  
Conc: 2.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTY-SB-04-0-5



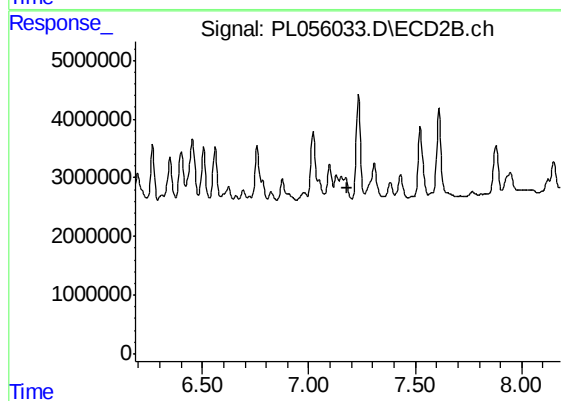
#18 Endrin aldehyde

R.T.: 6.980 min  
Delta R.T.: 0.018 min  
Response: 1847522  
Conc: 0.82 ng/ml



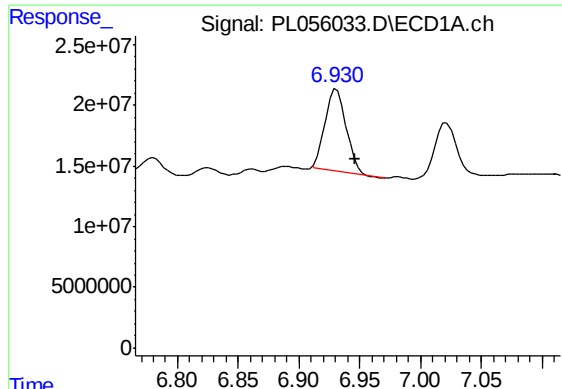
#19 Endosulfan Sulfate

R.T.: 6.686 min  
Delta R.T.: -0.006 min  
Response: 28370978  
Conc: 2.62 ng/ml



#19 Endosulfan Sulfate

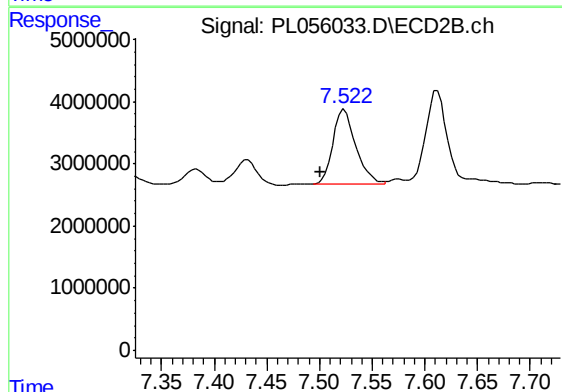
R.T.: 0.000 min  
Exp R.T. : 7.182 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

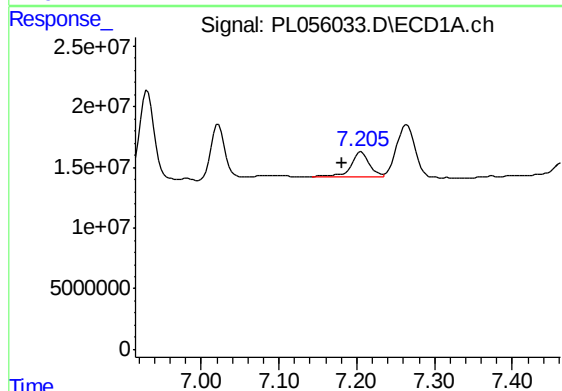
R.T.: 6.931 min  
Delta R.T.: -0.015 min  
Response: 81019325  
Conc: 15.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTY-SB-04-0-5



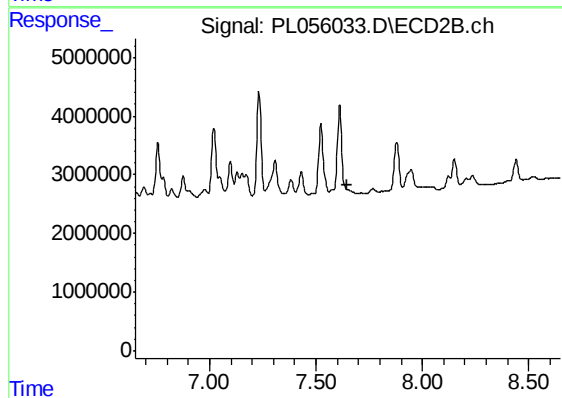
#20 Methoxychlor

R.T.: 7.524 min  
Delta R.T.: 0.023 min  
Response: 18362559  
Conc: 15.39 ng/ml



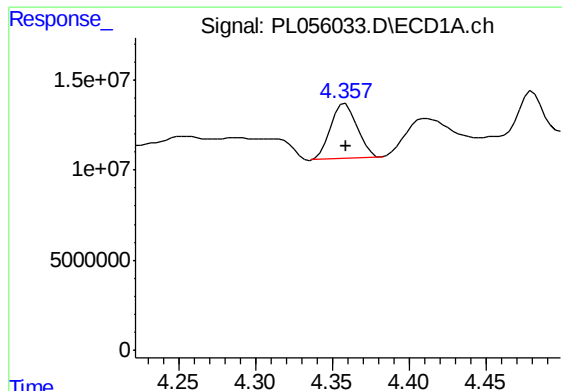
#21 Endrin ketone

R.T.: 7.206 min  
Delta R.T.: 0.024 min  
Response: 33951222  
Conc: 2.70 ng/ml



#21 Endrin ketone

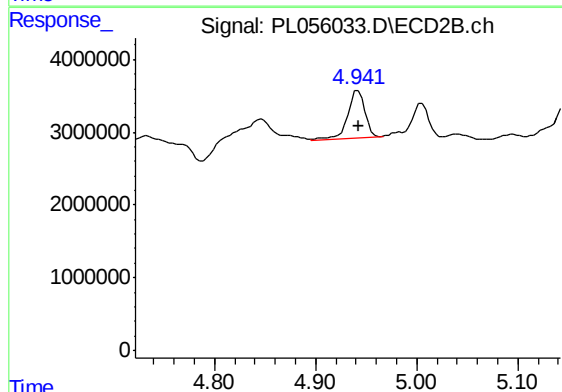
R.T.: 0.000 min  
Exp R.T.: 7.649 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

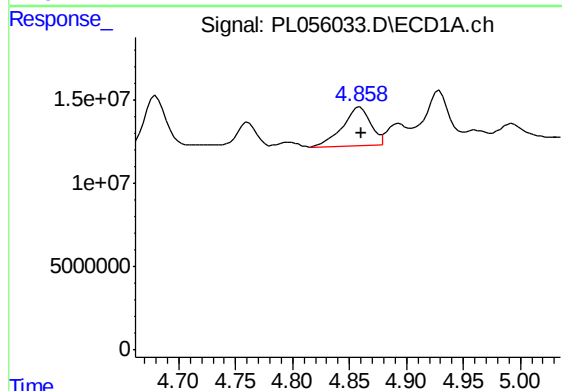
R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 36901597  
Conc: 100.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTY-SB-04-0-5



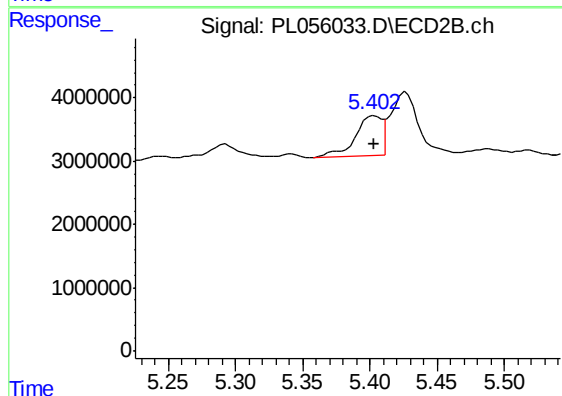
#23 Chlordane-1

R.T.: 4.942 min  
Delta R.T.: -0.001 min  
Response: 7511231  
Conc: 71.33 ng/ml



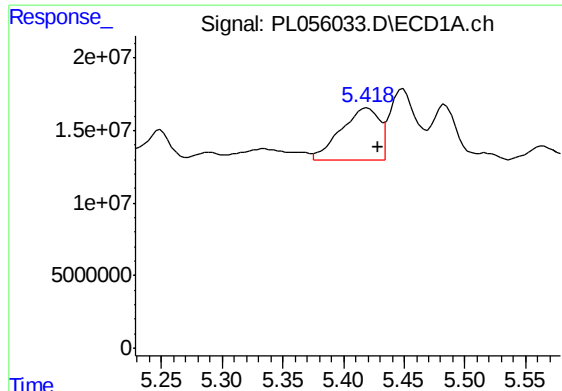
#24 Chlordane-2

R.T.: 4.859 min  
Delta R.T.: 0.000 min  
Response: 38194797  
Conc: 88.26 ng/ml



#24 Chlordane-2

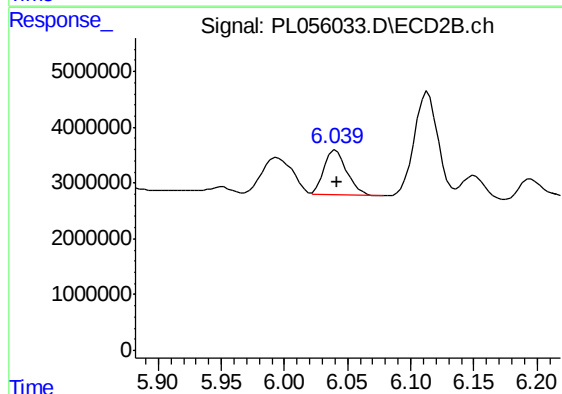
R.T.: 5.403 min  
Delta R.T.: 0.000 min  
Response: 8847120  
Conc: 80.25 ng/ml



#25 Chlordane-3

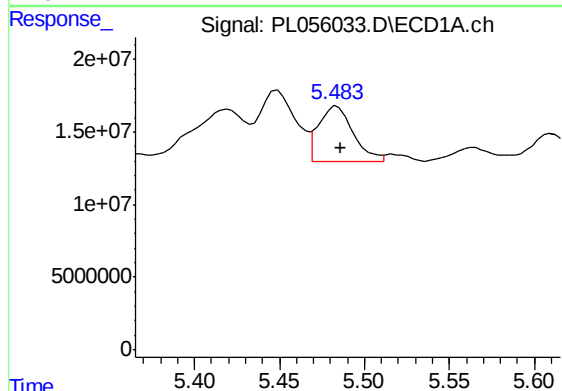
R.T.: 5.419 min  
Delta R.T.: -0.009 min  
Response: 77698684  
Conc: 62.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTY-SB-04-0-5



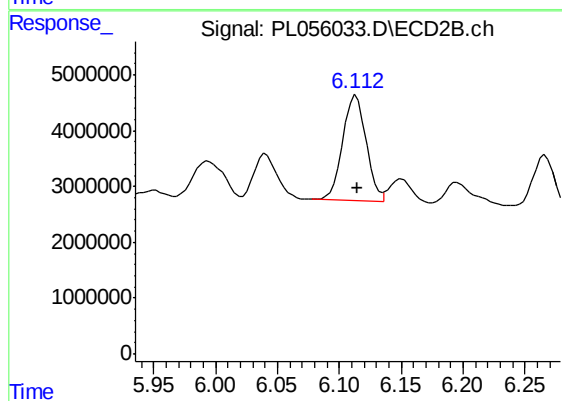
#25 Chlordane-3

R.T.: 6.041 min  
Delta R.T.: 0.000 min  
Response: 10299736  
Conc: 25.95 ng/ml



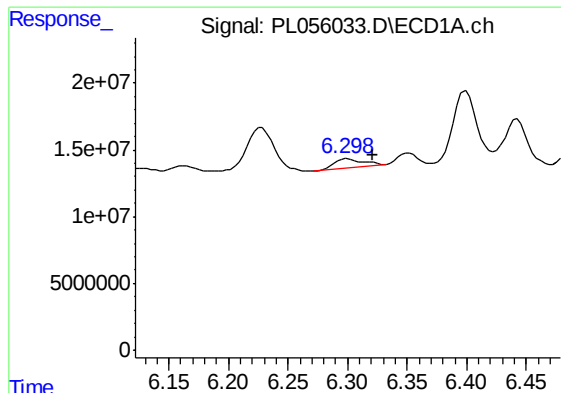
#26 Chlordane-4

R.T.: 5.484 min  
Delta R.T.: -0.002 min  
Response: 54123766  
Conc: 52.49 ng/ml



#26 Chlordane-4

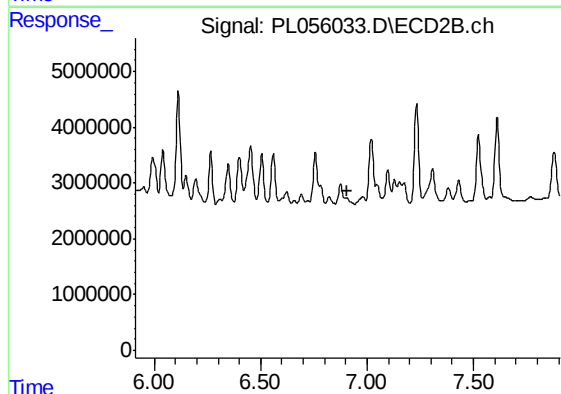
R.T.: 6.114 min  
Delta R.T.: 0.000 min  
Response: 24945316  
Conc: 53.14 ng/ml



#27 Chlordane-5

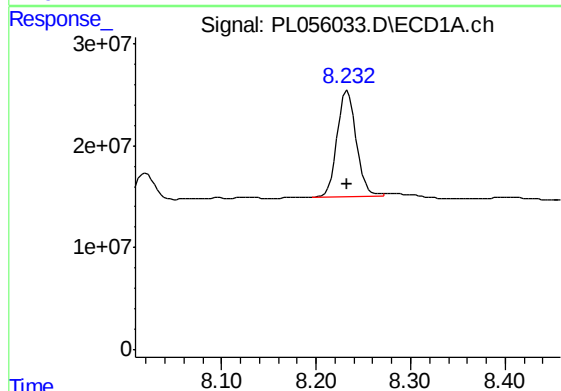
R.T.: 6.299 min  
Delta R.T.: -0.023 min  
Response: 10959844  
Conc: 28.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CTY-SB-04-0-5



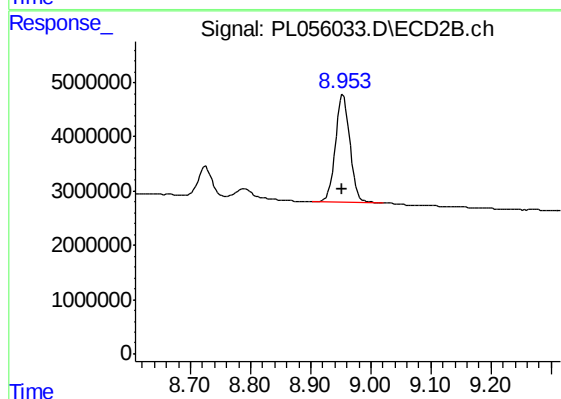
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.910 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.233 min  
Delta R.T.: 0.000 min  
Response: 145314932  
Conc: 13.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.954 min  
Delta R.T.: 0.002 min  
Response: 32979471  
Conc: 14.40 ng/ml