

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041520\  
 Data File : PL058039.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Apr 2020 22:57  
 Operator : AJ\MA  
 Sample : L2245-30  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 16 00:58:47 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 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... | 3.457  | 3.956  | 90198685 | 19536942 | 8.947   | 9.003    |
| 28)                         | SA Decachlor... | 8.204  | 8.978  | 144.4E6  | 33982373 | 14.004  | 15.213   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.906  | 4.344  | 2728825  | 277428   | 0.157   | 0.084 #  |
| 4)                          | MA Heptachlor   | 4.475  | 5.128  | 7513940  | 2740840  | 0.469   | 0.817 #  |
| 5)                          | MB Aldrin       | 4.750f | 5.408f | 35438016 | 3161203  | 2.407   | 0.976 #  |
| 6)                          | B beta-BHC      | 4.425  | 0.000  | 12960856 | 0        | 2.052   | N.D. #   |
| 7)                          | B delta-BHC     | 4.625  | 5.035f | 29749274 | 2343868  | 1.960   | 2.925 #  |
| 8)                          | B Heptachlo...  | 5.159  | 5.807  | 19750412 | 2799259  | 1.470   | 1.037 #  |
| 9)                          | A Endosulfan I  | 5.513  | 6.180  | 6489159  | 1035119  | 0.529   | 0.347 #  |
| 10)                         | B gamma-Chl...  | 5.415f | 6.065f | 126.3E6  | 13739636 | 9.302   | 4.241 #  |
| 11)                         | B alpha-Chl...  | 5.453  | 6.120  | 42457735 | 22911271 | 3.189   | 7.001 #  |
| 12)                         | B 4,4'-DDE      | 5.614  | 6.276  | 89932210 | 13155351 | 6.865   | 4.443 #  |
| 13)                         | MA Dieldrin     | 5.743  | 6.440  | 45386190 | 10774387 | 3.489   | 3.526    |
| 14)                         | MA Endrin       | 6.008  | 6.662f | 49436837 | 604949   | 4.235   | 0.242 #  |
| 15)                         | B Endosulfa...  | 6.310f | 6.849  | 36775100 | 6359707  | 3.324   | 2.452 #  |
| 16)                         | A 4,4'-DDD      | 6.119  | 6.770  | 26867915 | 2382558  | 2.688   | 1.044 #  |
| 17)                         | MA 4,4'-DDT     | 6.384  | 7.065  | 165.9E6  | 13680669 | 16.344  | 6.142 #  |
| 18)                         | B Endrin al...  | 6.465f | 6.950f | 42764856 | -2505656 | 4.574   | N.D. #   |
| 19)                         | B Endosulfa...  | 6.657  | 7.183f | 54531851 | 26422581 | 5.367   | 11.135 # |
| 20)                         | A Methoxychlor  | 6.907  | 0.000  | 151.9E6  | 0        | 27.553  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.176f | 0.000  | 99841995 | 0        | 8.968   | N.D. #   |
| 22)                         | Mirex           | 7.350  | 8.145f | 77651569 | 12153774 | 9.473   | 6.610 #  |
| 23)                         | Chlordane-1     | 4.325  | 4.939  | 32580076 | 5221090  | 88.090  | 59.207 # |
| 24)                         | Chlordane-2     | 4.834  | 5.408  | -3742206 | 3161203  | N.D.    | 30.292   |
| 25)                         | Chlordane-3     | 5.415f | 6.065f | 126.3E6  | 13739636 | 103.333 | 31.755 # |
| 26)                         | Chlordane-4     | 5.453  | 6.120  | 42457735 | 22911271 | 40.817  | 43.646   |
| 27)                         | Chlordane-5     | 6.310f | 6.950f | 36775100 | -2505656 | 97.218  | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

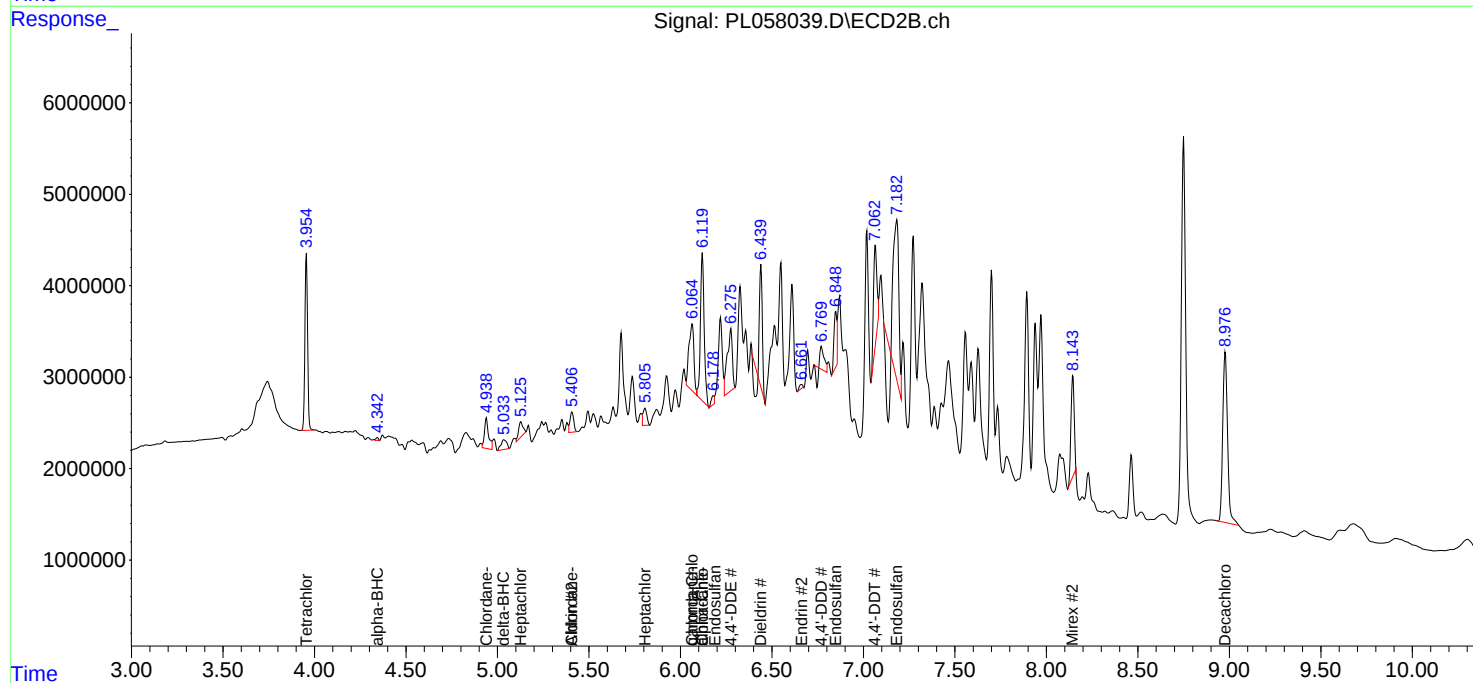
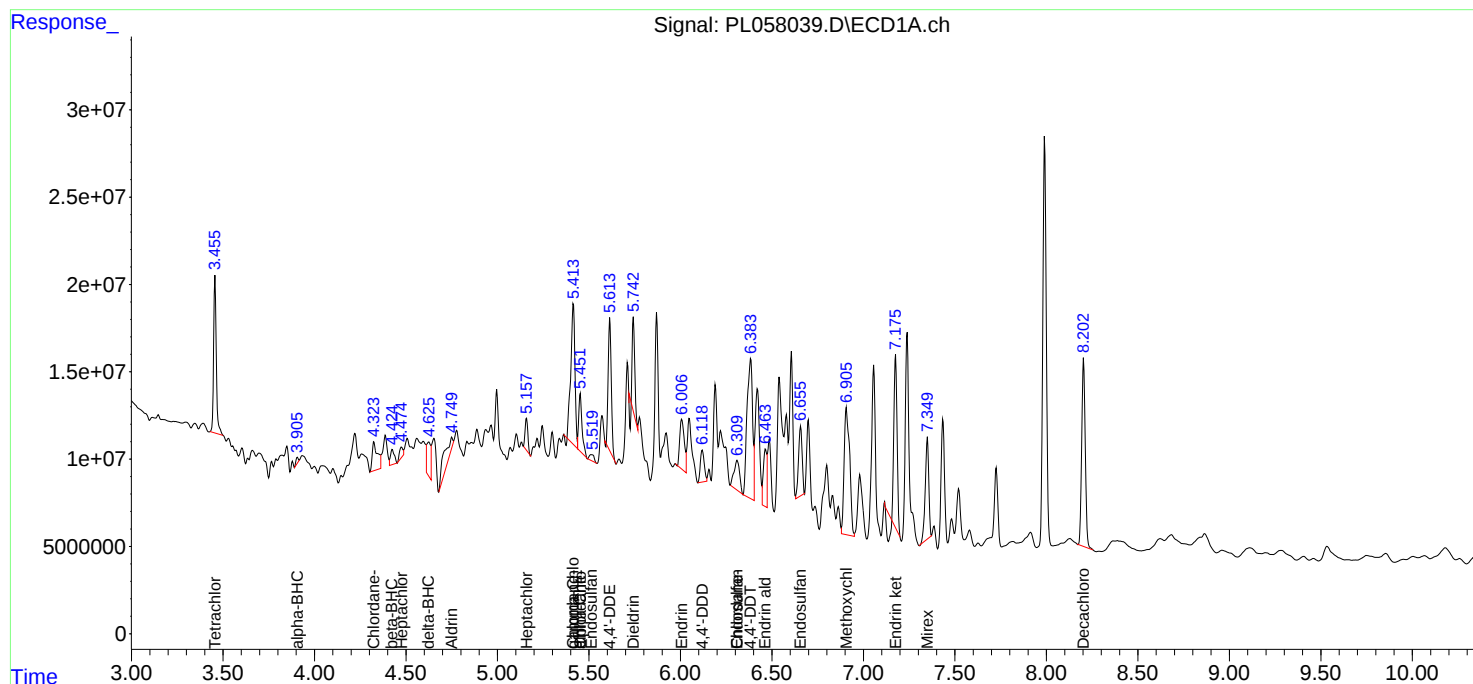
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

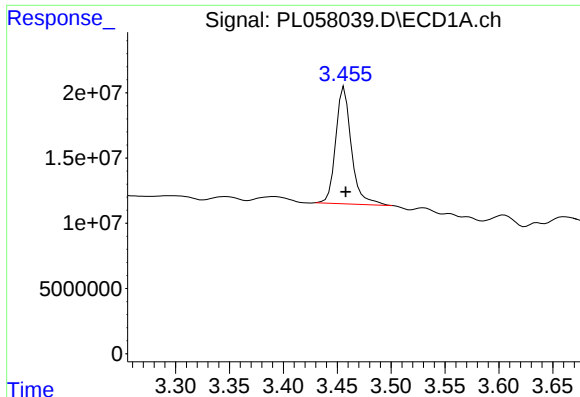
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041520\  
Data File : PL058039.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Apr 2020 22:57  
Operator : AJ\MA  
Sample : L2245-30  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 16 00:58:47 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 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

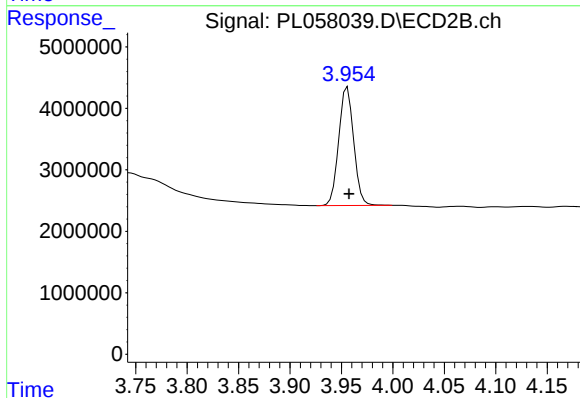




#1 Tetrachloro-m-xylene

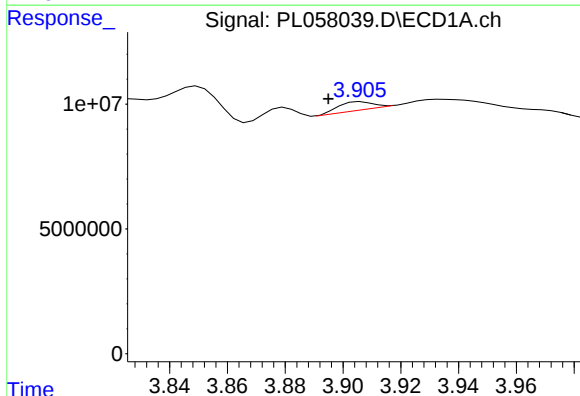
R.T.: 3.457 min  
Delta R.T.: -0.001 min  
Response: 90198685  
Conc: 8.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



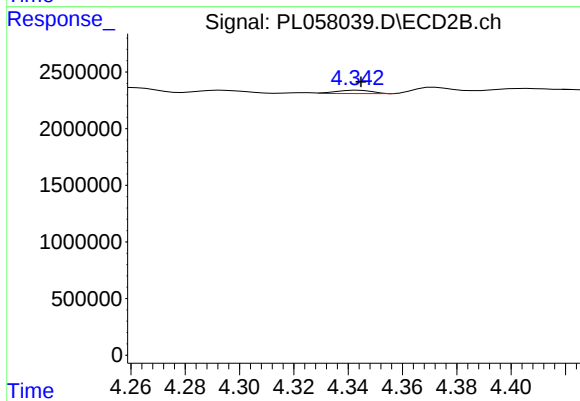
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: -0.001 min  
Response: 19536942  
Conc: 9.00 ng/ml



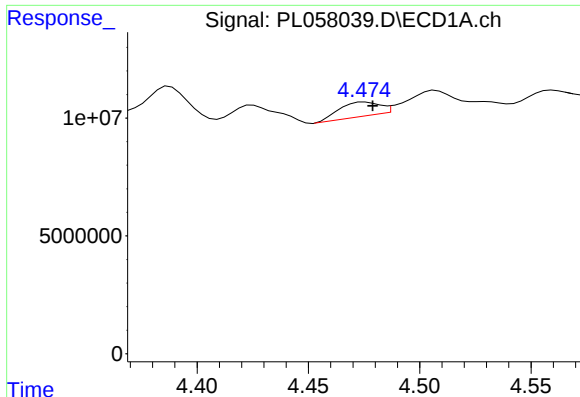
#2 alpha-BHC

R.T.: 3.906 min  
Delta R.T.: 0.011 min  
Response: 2728825  
Conc: 0.16 ng/ml



#2 alpha-BHC

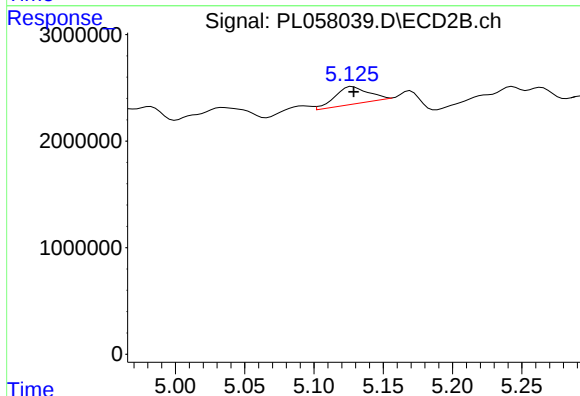
R.T.: 4.344 min  
Delta R.T.: 0.000 min  
Response: 277428  
Conc: 0.08 ng/ml



#4 Heptachlor

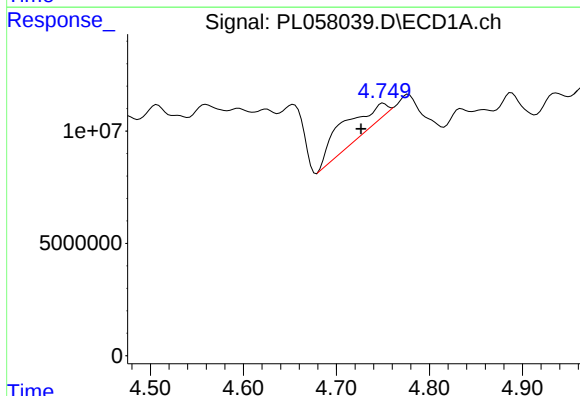
R.T.: 4.475 min  
Delta R.T.: -0.004 min  
Response: 7513940  
Conc: 0.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



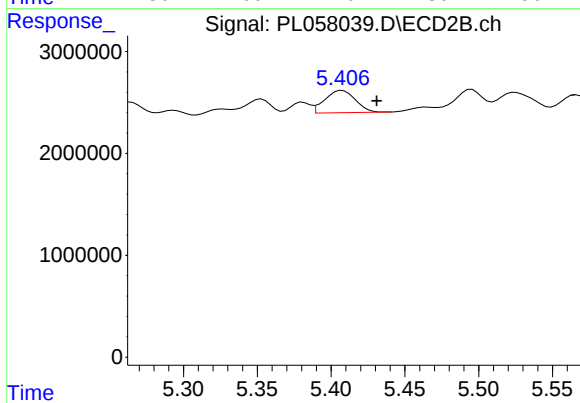
#4 Heptachlor

R.T.: 5.128 min  
Delta R.T.: 0.000 min  
Response: 2740840  
Conc: 0.82 ng/ml



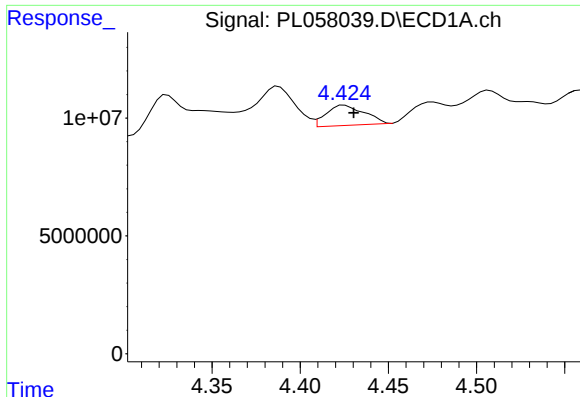
#5 Aldrin

R.T.: 4.750 min  
Delta R.T.: 0.024 min  
Response: 35438016  
Conc: 2.41 ng/ml



#5 Aldrin

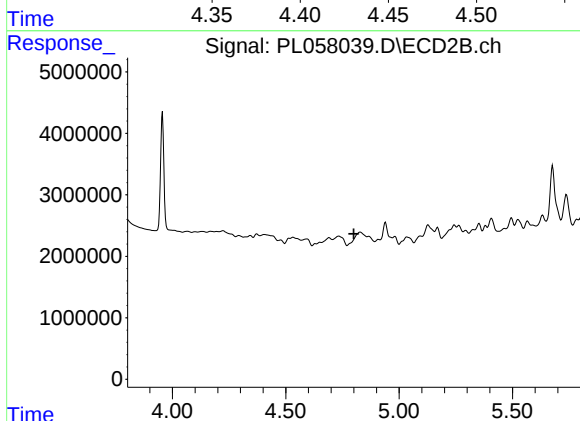
R.T.: 5.408 min  
Delta R.T.: -0.023 min  
Response: 3161203  
Conc: 0.98 ng/ml



#6 beta-BHC

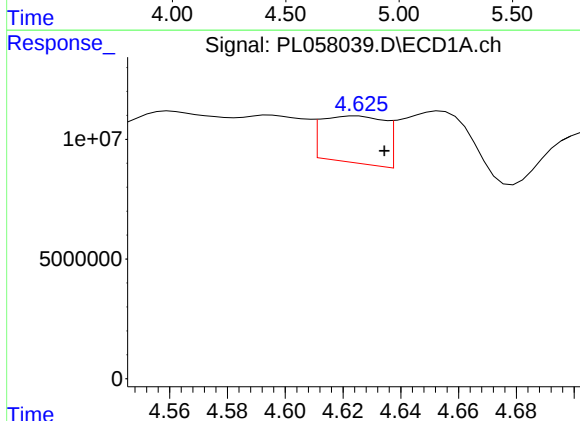
R.T.: 4.425 min  
Delta R.T.: -0.005 min  
Response: 12960856  
Conc: 2.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



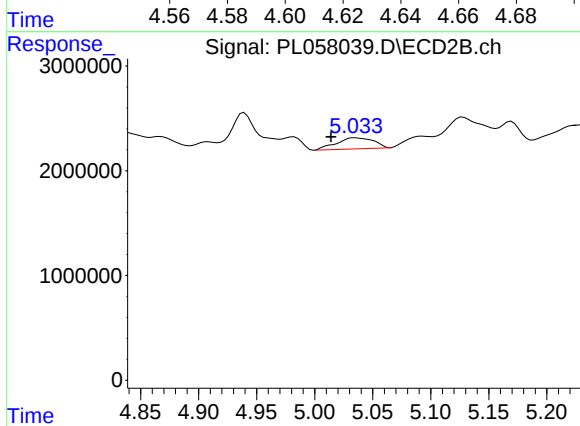
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.800 min  
Response: 0  
Conc: N.D.



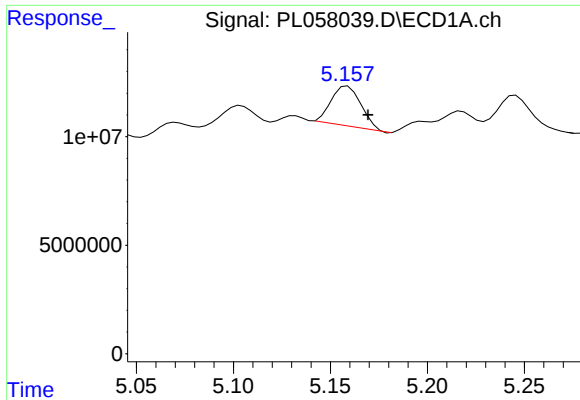
#7 delta-BHC

R.T.: 4.625 min  
Delta R.T.: -0.010 min  
Response: 29749274  
Conc: 1.96 ng/ml



#7 delta-BHC

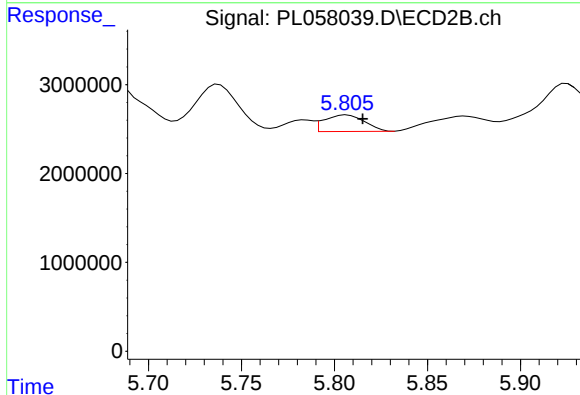
R.T.: 5.035 min  
Delta R.T.: 0.021 min  
Response: 2343868  
Conc: 2.93 ng/ml



#8 Heptachlor epoxide

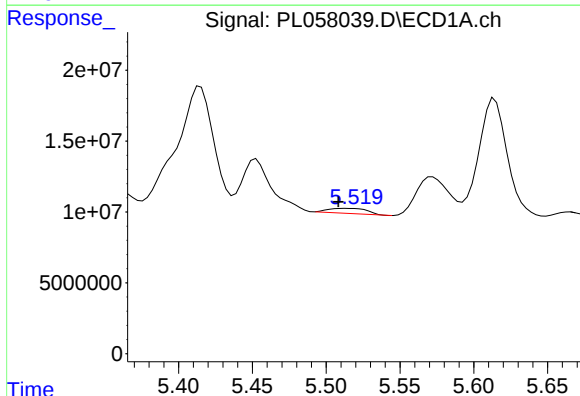
R.T.: 5.159 min  
Delta R.T.: -0.011 min  
Response: 19750412  
Conc: 1.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



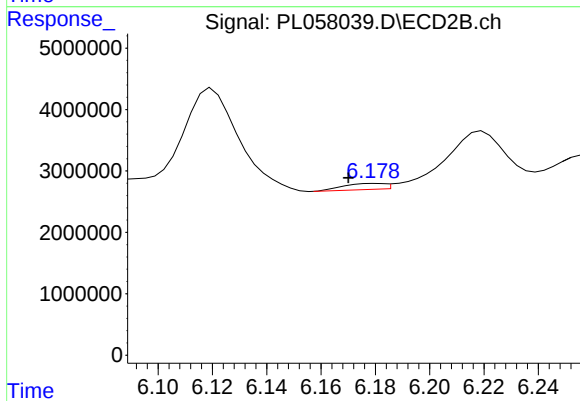
#8 Heptachlor epoxide

R.T.: 5.807 min  
Delta R.T.: -0.008 min  
Response: 2799259  
Conc: 1.04 ng/ml



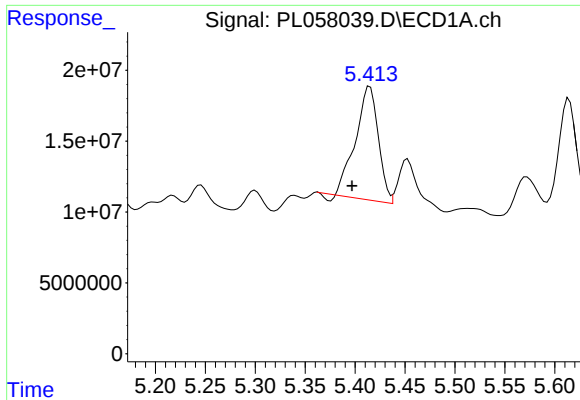
#9 Endosulfan I

R.T.: 5.513 min  
Delta R.T.: 0.005 min  
Response: 6489159  
Conc: 0.53 ng/ml



#9 Endosulfan I

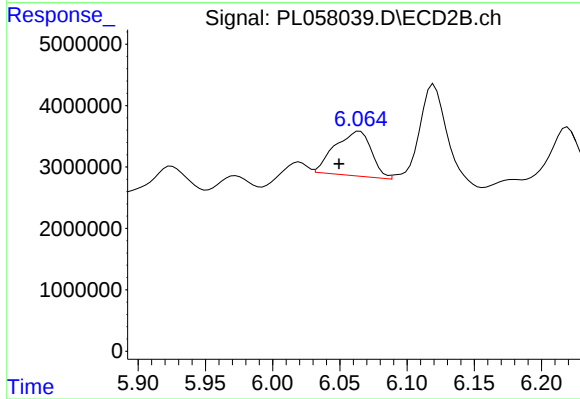
R.T.: 6.180 min  
Delta R.T.: 0.010 min  
Response: 1035119  
Conc: 0.35 ng/ml



#10 gamma-Chlordane

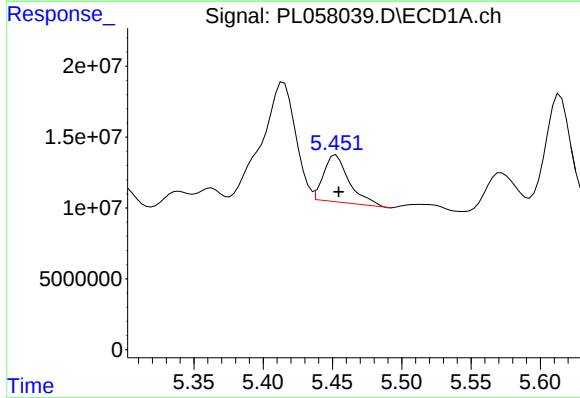
R.T.: 5.415 min  
Delta R.T.: 0.018 min  
Response: 126336364  
Conc: 9.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



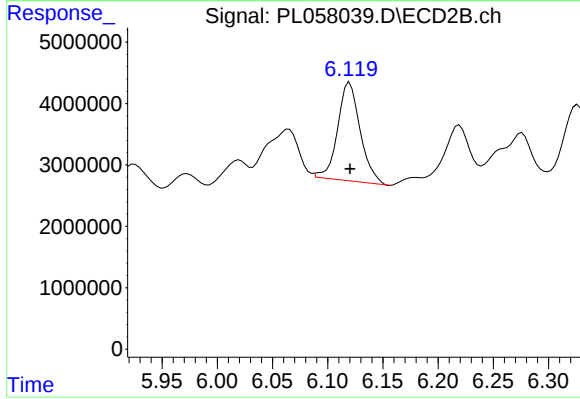
#10 gamma-Chlordane

R.T.: 6.065 min  
Delta R.T.: 0.015 min  
Response: 13739636  
Conc: 4.24 ng/ml



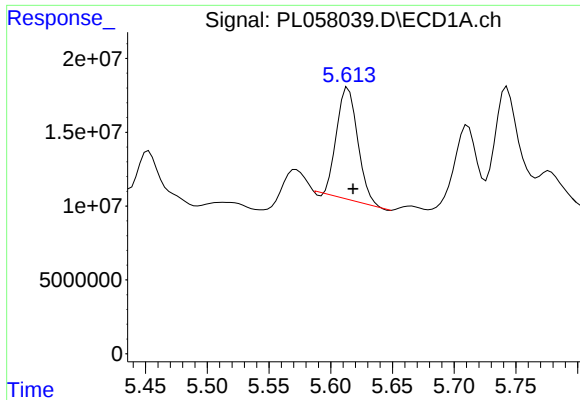
#11 alpha-Chlordane

R.T.: 5.453 min  
Delta R.T.: -0.002 min  
Response: 42457735  
Conc: 3.19 ng/ml



#11 alpha-Chlordane

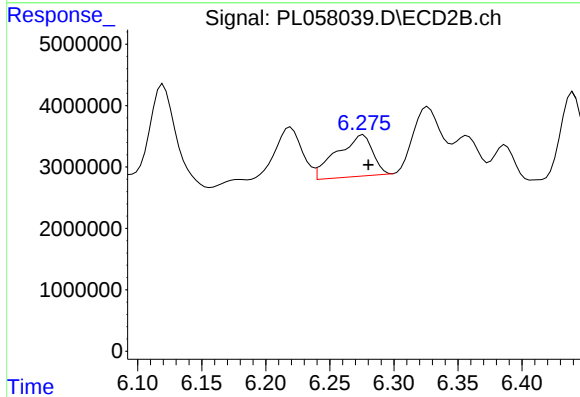
R.T.: 6.120 min  
Delta R.T.: 0.000 min  
Response: 22911271  
Conc: 7.00 ng/ml



#12 4,4'-DDE

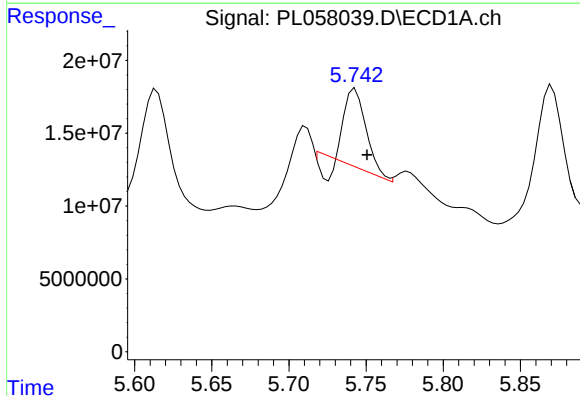
R.T.: 5.614 min  
Delta R.T.: -0.004 min  
Response: 89932210  
Conc: 6.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



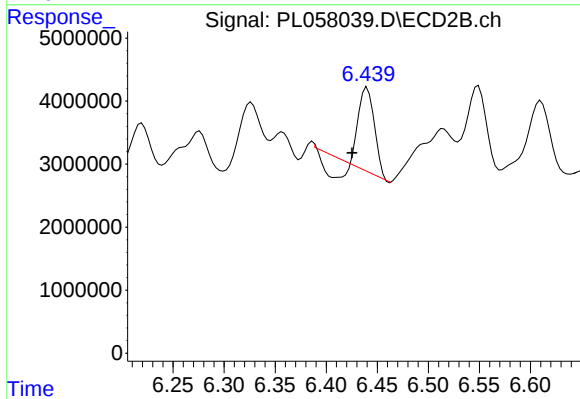
#12 4,4'-DDE

R.T.: 6.276 min  
Delta R.T.: -0.004 min  
Response: 13155351  
Conc: 4.44 ng/ml



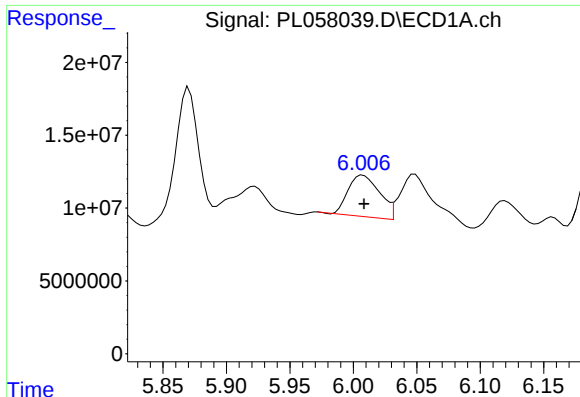
#13 Dieldrin

R.T.: 5.743 min  
Delta R.T.: -0.008 min  
Response: 45386190  
Conc: 3.49 ng/ml



#13 Dieldrin

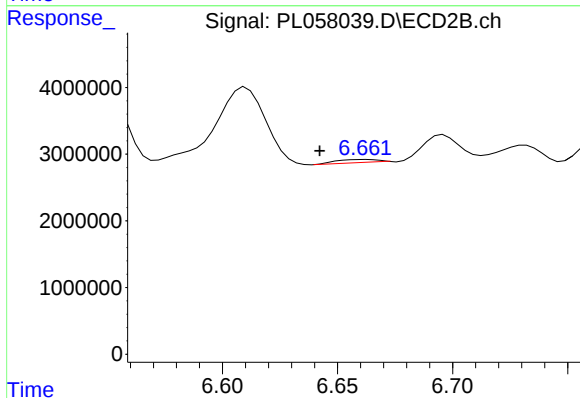
R.T.: 6.440 min  
Delta R.T.: 0.015 min  
Response: 10774387  
Conc: 3.53 ng/ml



#14 Endrin

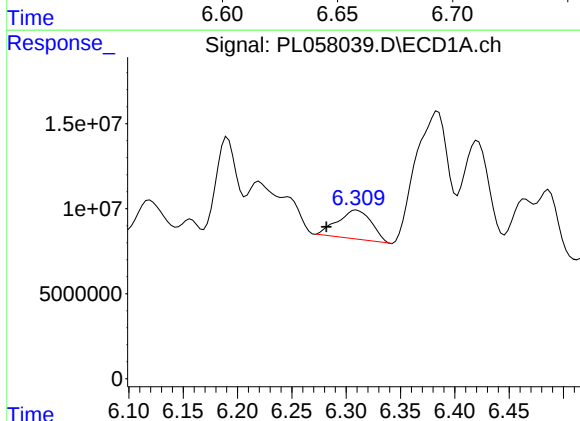
R.T.: 6.008 min  
Delta R.T.: 0.000 min  
Response: 49436837  
Conc: 4.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



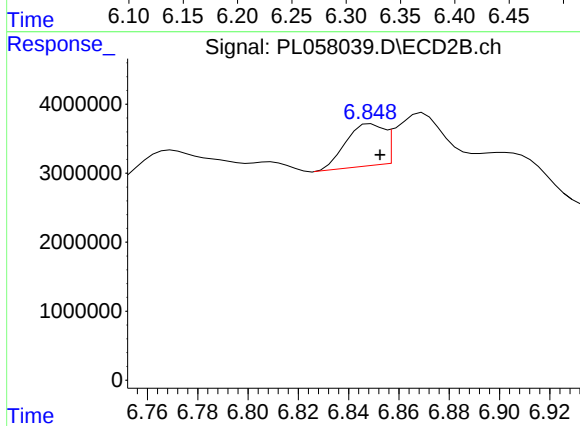
#14 Endrin

R.T.: 6.662 min  
Delta R.T.: 0.020 min  
Response: 604949  
Conc: 0.24 ng/ml



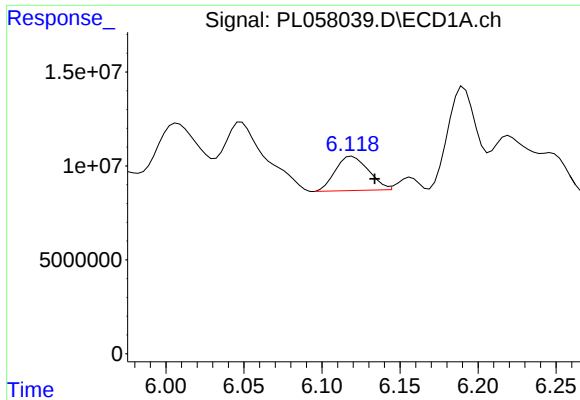
#15 Endosulfan II

R.T.: 6.310 min  
Delta R.T.: 0.028 min  
Response: 36775100  
Conc: 3.32 ng/ml



#15 Endosulfan II

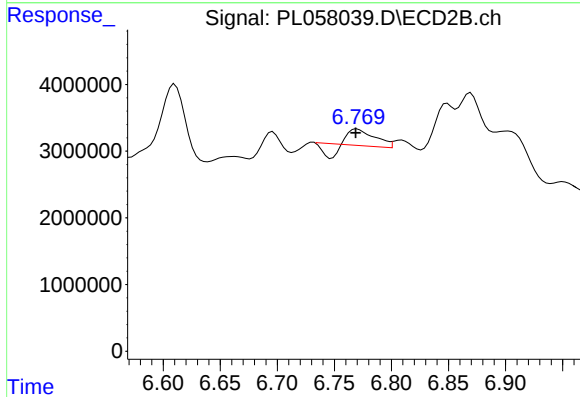
R.T.: 6.849 min  
Delta R.T.: -0.003 min  
Response: 6359707  
Conc: 2.45 ng/ml



#16 4,4'-DDD

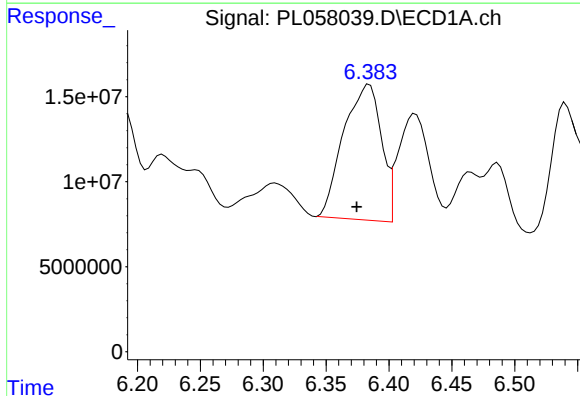
R.T.: 6.119 min  
Delta R.T.: -0.015 min  
Response: 26867915  
Conc: 2.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



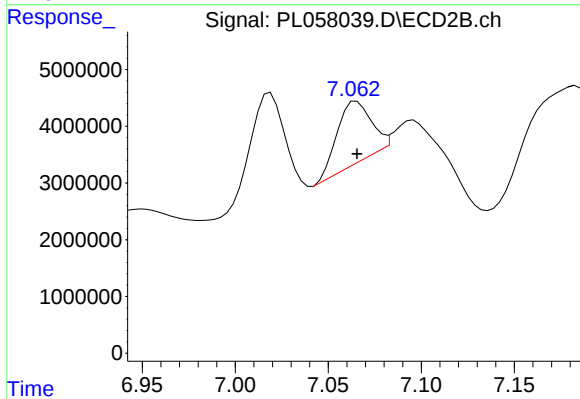
#16 4,4'-DDD

R.T.: 6.770 min  
Delta R.T.: 0.001 min  
Response: 2382558  
Conc: 1.04 ng/ml



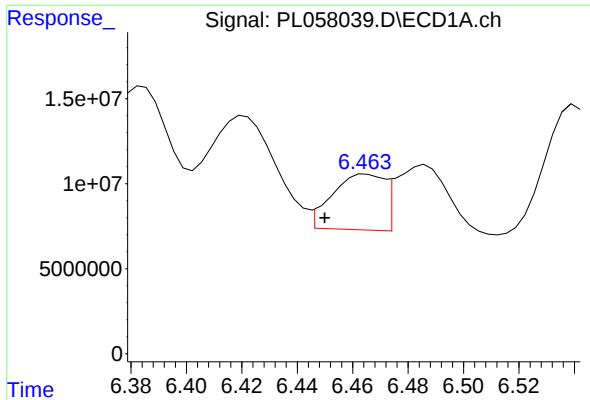
#17 4,4'-DDT

R.T.: 6.384 min  
Delta R.T.: 0.010 min  
Response: 165877434  
Conc: 16.34 ng/ml



#17 4,4'-DDT

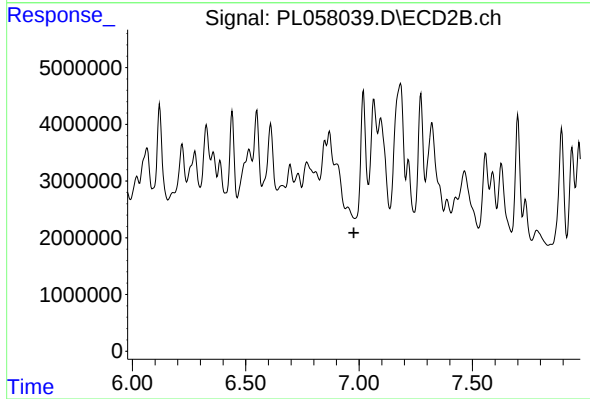
R.T.: 7.065 min  
Delta R.T.: 0.000 min  
Response: 13680669  
Conc: 6.14 ng/ml



#18 Endrin aldehyde

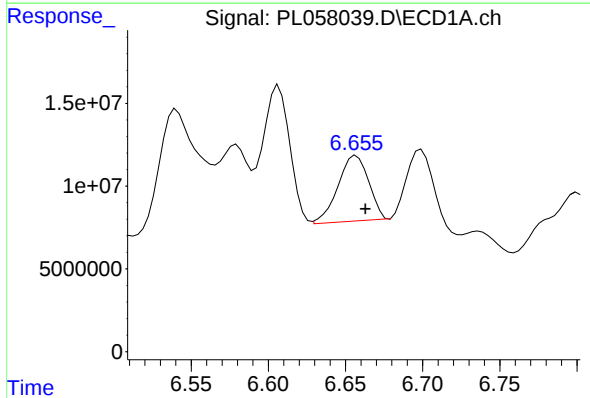
R.T.: 6.465 min  
Delta R.T.: 0.015 min  
Response: 42764856  
Conc: 4.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



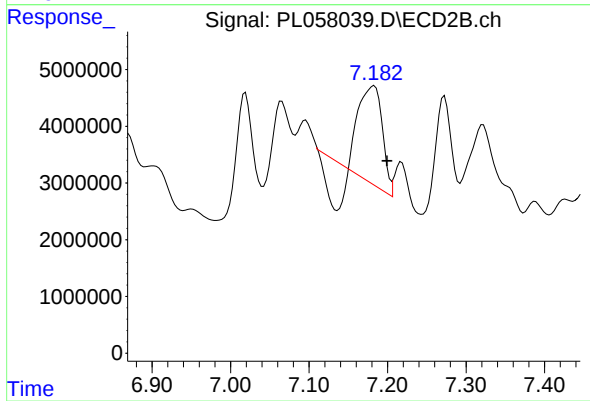
#18 Endrin aldehyde

R.T.: 6.950 min  
Delta R.T.: -0.026 min  
Response: -2505656  
Conc: N.D.



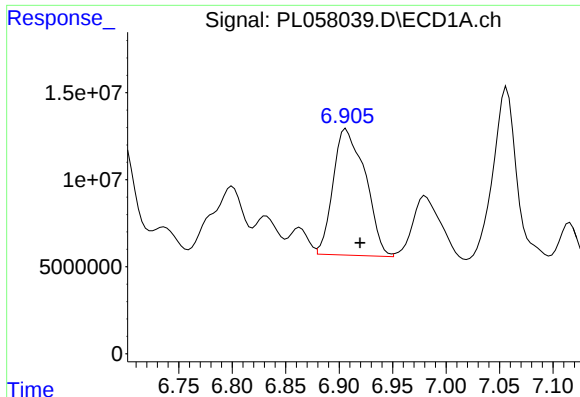
#19 Endosulfan Sulfate

R.T.: 6.657 min  
Delta R.T.: -0.006 min  
Response: 54531851  
Conc: 5.37 ng/ml



#19 Endosulfan Sulfate

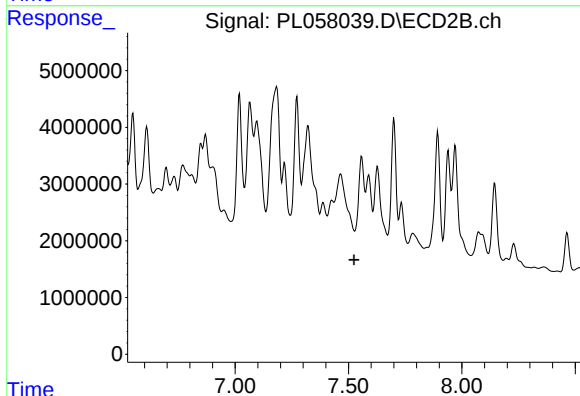
R.T.: 7.183 min  
Delta R.T.: -0.017 min  
Response: 26422581  
Conc: 11.13 ng/ml



#20 Methoxychlor

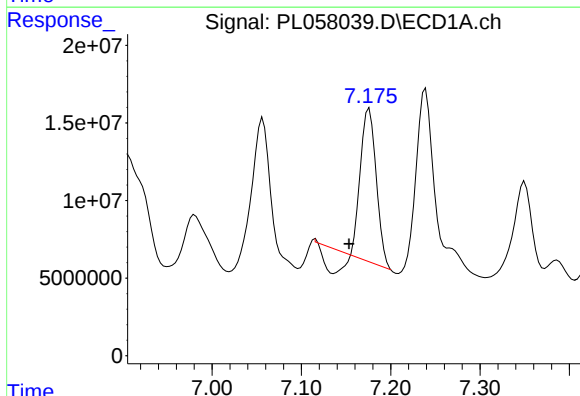
R.T.: 6.907 min  
Delta R.T.: -0.013 min  
Response: 151890267  
Conc: 27.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



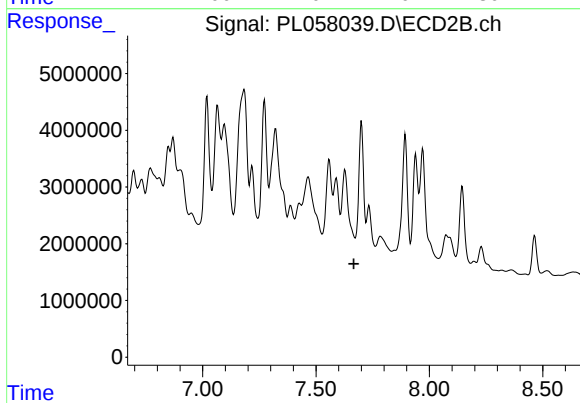
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.525 min  
Response: 0  
Conc: N.D.



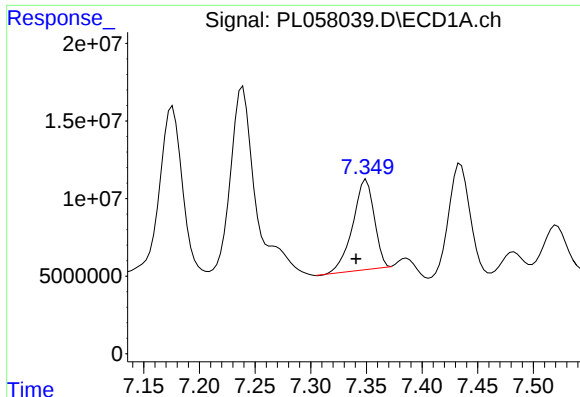
#21 Endrin ketone

R.T.: 7.176 min  
Delta R.T.: 0.023 min  
Response: 99841995  
Conc: 8.97 ng/ml



#21 Endrin ketone

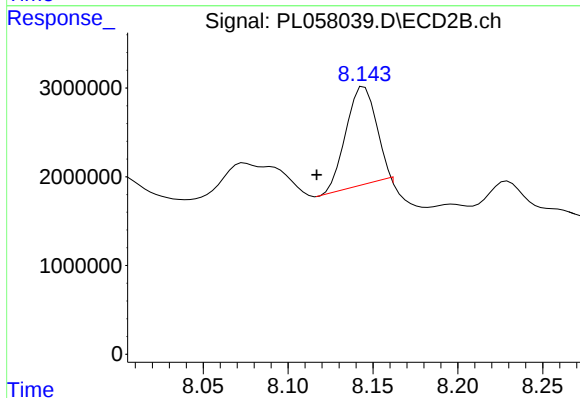
R.T.: 0.000 min  
Exp R.T. : 7.667 min  
Response: 0  
Conc: N.D.



#22 Mirex

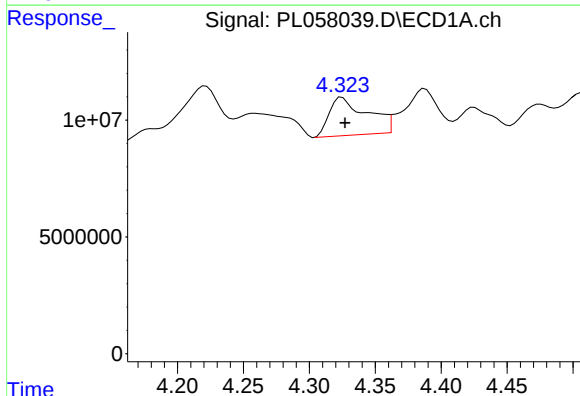
R.T.: 7.350 min  
Delta R.T.: 0.009 min  
Response: 77651569  
Conc: 9.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



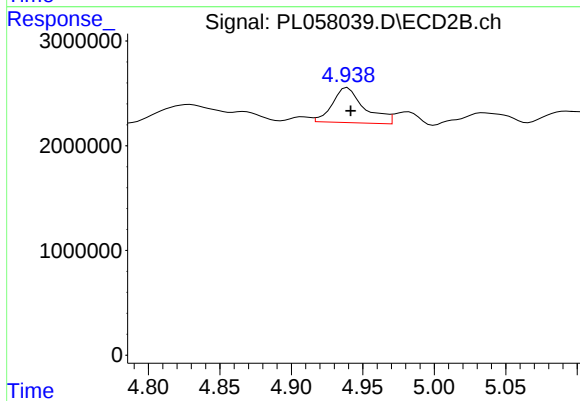
#22 Mirex

R.T.: 8.145 min  
Delta R.T.: 0.028 min  
Response: 12153774  
Conc: 6.61 ng/ml



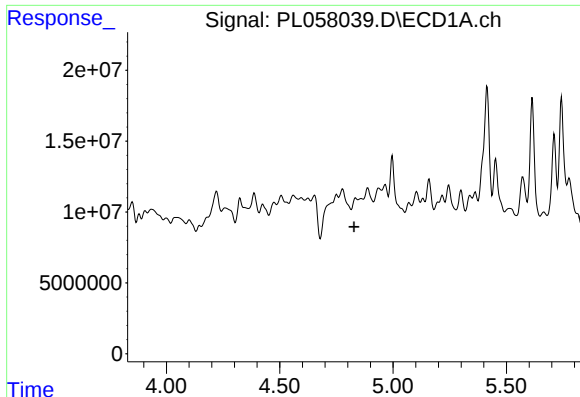
#23 Chlordane-1

R.T.: 4.325 min  
Delta R.T.: -0.002 min  
Response: 32580076  
Conc: 88.09 ng/ml



#23 Chlordane-1

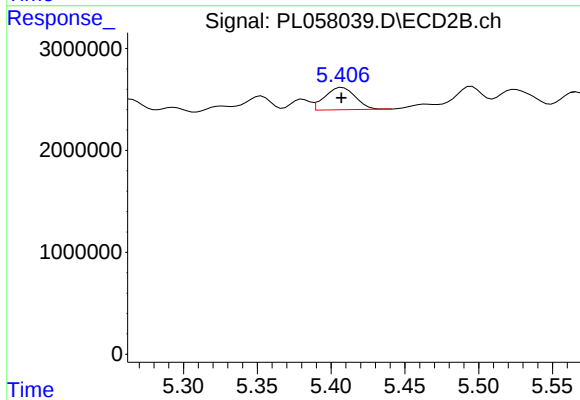
R.T.: 4.939 min  
Delta R.T.: -0.002 min  
Response: 5221090  
Conc: 59.21 ng/ml



#24 Chlordane-2

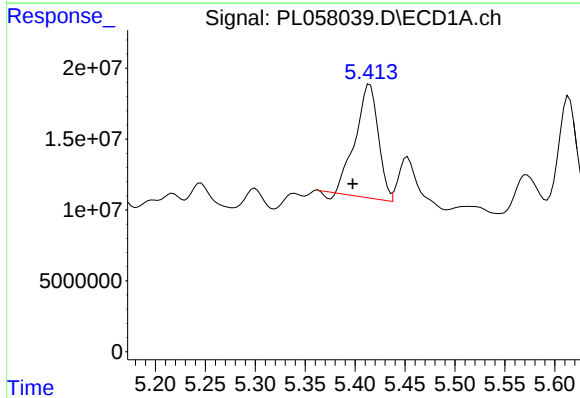
R.T.: 4.834 min  
Delta R.T.: 0.006 min  
Response: -3742206  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



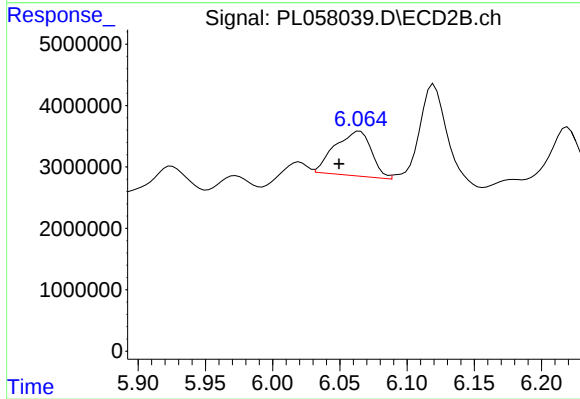
#24 Chlordane-2

R.T.: 5.408 min  
Delta R.T.: 0.000 min  
Response: 3161203  
Conc: 30.29 ng/ml



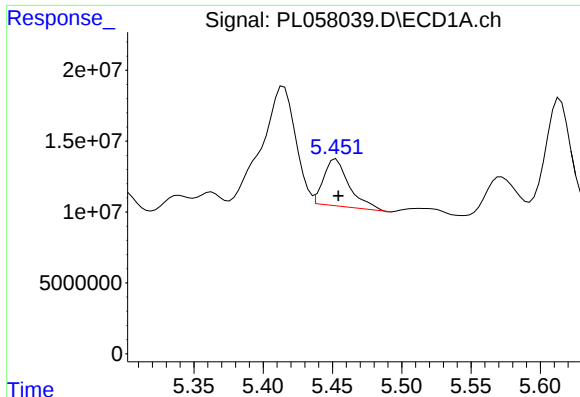
#25 Chlordane-3

R.T.: 5.415 min  
Delta R.T.: 0.017 min  
Response: 126336364  
Conc: 103.33 ng/ml



#25 Chlordane-3

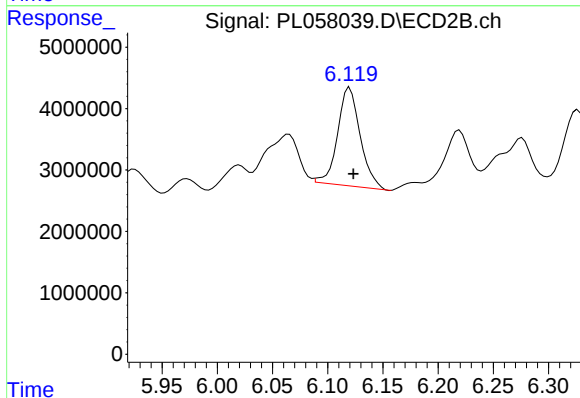
R.T.: 6.065 min  
Delta R.T.: 0.015 min  
Response: 13739636  
Conc: 31.76 ng/ml



#26 Chlordane-4

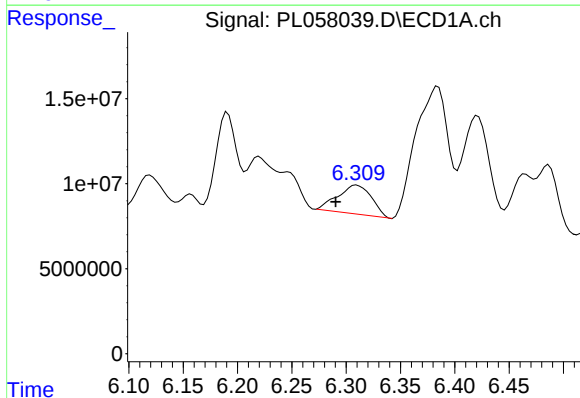
R.T.: 5.453 min  
Delta R.T.: -0.002 min  
Response: 42457735  
Conc: 40.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



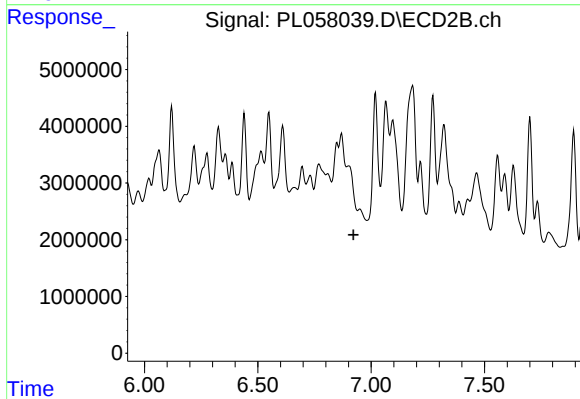
#26 Chlordane-4

R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 22911271  
Conc: 43.65 ng/ml



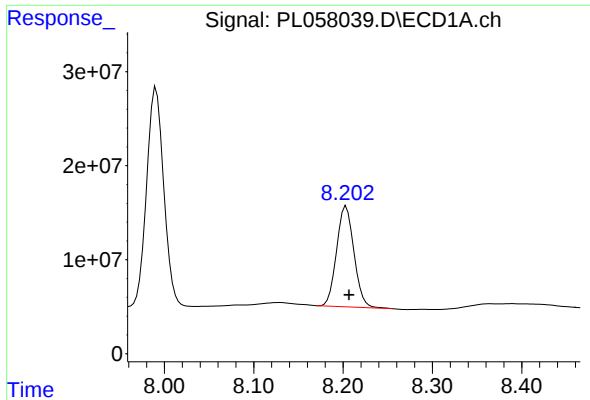
#27 Chlordane-5

R.T.: 6.310 min  
Delta R.T.: 0.019 min  
Response: 36775100  
Conc: 97.22 ng/ml



#27 Chlordane-5

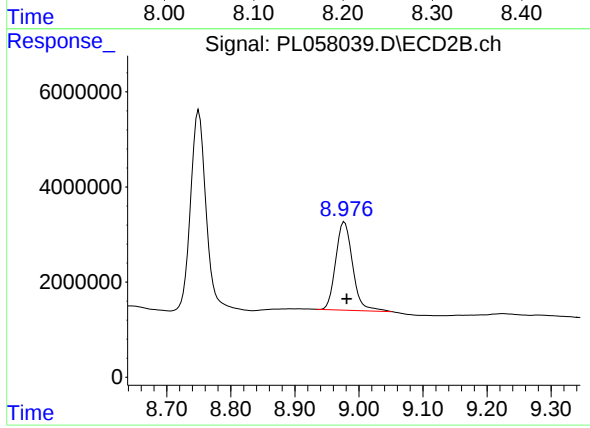
R.T.: 6.950 min  
Delta R.T.: 0.028 min  
Response: -2505656  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.204 min  
Delta R.T.: -0.003 min  
Response: 144359018  
Conc: 14.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.978 min  
Delta R.T.: -0.003 min  
Response: 33982373  
Conc: 15.21 ng/ml