

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072323\  
 Data File : PL084114.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Jul 2023 09:36  
 Operator : AR\AJ  
 Sample : 3670-01RE  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 22 03:48:42 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 14 00:03:54 2023  
 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... | 3.489f | 2.695  | 17106248 | 11054645 | 8.554  | 9.954     |
| 28)                         | SA Decachlor... | 9.033  | 7.877  | 9693204  | 8652005  | 7.447  | 7.787     |
| Target Compounds            |                 |        |        |          |          |        |           |
| 2)                          | A alpha-BHC     | 0.000  | 3.197  | 0        | 360073   | N.D.   | 0.224 #   |
| 3)                          | MA gamma-BHC... | 4.252  | 3.533  | 24540546 | 24298046 | 8.686  | 15.978 #  |
| 4)                          | MA Heptachlor   | 4.828f | 3.853  | 54576178 | 28767330 | 20.083 | 24.411    |
| 5)                          | MB Aldrin       | 5.215f | 4.168f | 23322710 | 18732734 | 8.143  | 12.424 #  |
| 6)                          | B beta-BHC      | 4.445f | 3.853f | 5444556  | 28767330 | 4.538  | 43.583 #  |
| 7)                          | B delta-BHC     | 4.721  | 4.050  | -2650584 | 13810694 | N.D.   | 9.130     |
| 8)                          | B Heptachlo...  | 5.643  | 4.654  | 46039832 | 5329688  | 17.246 | 4.150 #   |
| 9)                          | A Endosulfan I  | 5.989f | 5.040f | 32529897 | 35158713 | 13.736 | 28.665 #  |
| 10)                         | B gamma-Chl...  | 5.887  | 4.918  | 16067586 | 8571633  | 6.223  | 6.434     |
| 11)                         | B alpha-Chl...  | 5.989f | 4.983  | 32529897 | 7580864  | 12.797 | 5.627 #   |
| 12)                         | B 4,4'-DDE      | 6.133  | 5.187f | -258462  | 29579545 | N.D.   | 24.081    |
| 13)                         | MA Dieldrin     | 6.283  | 5.306f | 30848703 | 19347008 | 12.910 | 14.855    |
| 14)                         | MA Endrin       | 6.537f | 5.580f | 10871677 | 12078147 | 5.709  | 10.988 #  |
| 15)                         | B Endosulfa...  | 6.731  | 5.864  | 61964830 | 57891360 | 33.060 | 50.369 #  |
| 16)                         | A 4,4'-DDD      | 6.656  | 5.726  | 49728280 | 5783078  | 33.863 | 6.028 #   |
| 17)                         | MA 4,4'-DDT     | 6.982  | 5.966  | 59102682 | 434306   | 37.060 | 0.477 #   |
| 18)                         | B Endrin al...  | 0.000  | 6.064f | 0        | 6685029  | N.D.   | 7.437 #   |
| 21)                         | B Endrin ke...  | 7.591  | 6.760  | 6525648  | 3880810  | 3.724  | 3.004     |
| 22)                         | Mirex           | 8.069  | 6.955  | 34919396 | -4698995 | 24.403 | N.D. #    |
| 23)                         | Chlordane-1     | 4.641  | 3.719f | 55721767 | 3993994  | 69.038 | 10.120 #  |
| 24)                         | Chlordane-2     | 5.178  | 4.272  | 2297687  | 7190626  | 2.876  | 16.959 #  |
| 25)                         | Chlordane-3     | 5.887  | 4.918  | 16067586 | 8571633  | 4.577  | 6.252 #   |
| 26)                         | Chlordane-4     | 5.989f | 4.956  | 32529897 | 8595739  | 7.969  | 6.000     |
| 27)                         | Chlordane-5     | 6.797f | 5.864  | 13151803 | 57891360 | 21.538 | 126.154 # |
| -----                       |                 |        |        |          |          |        |           |

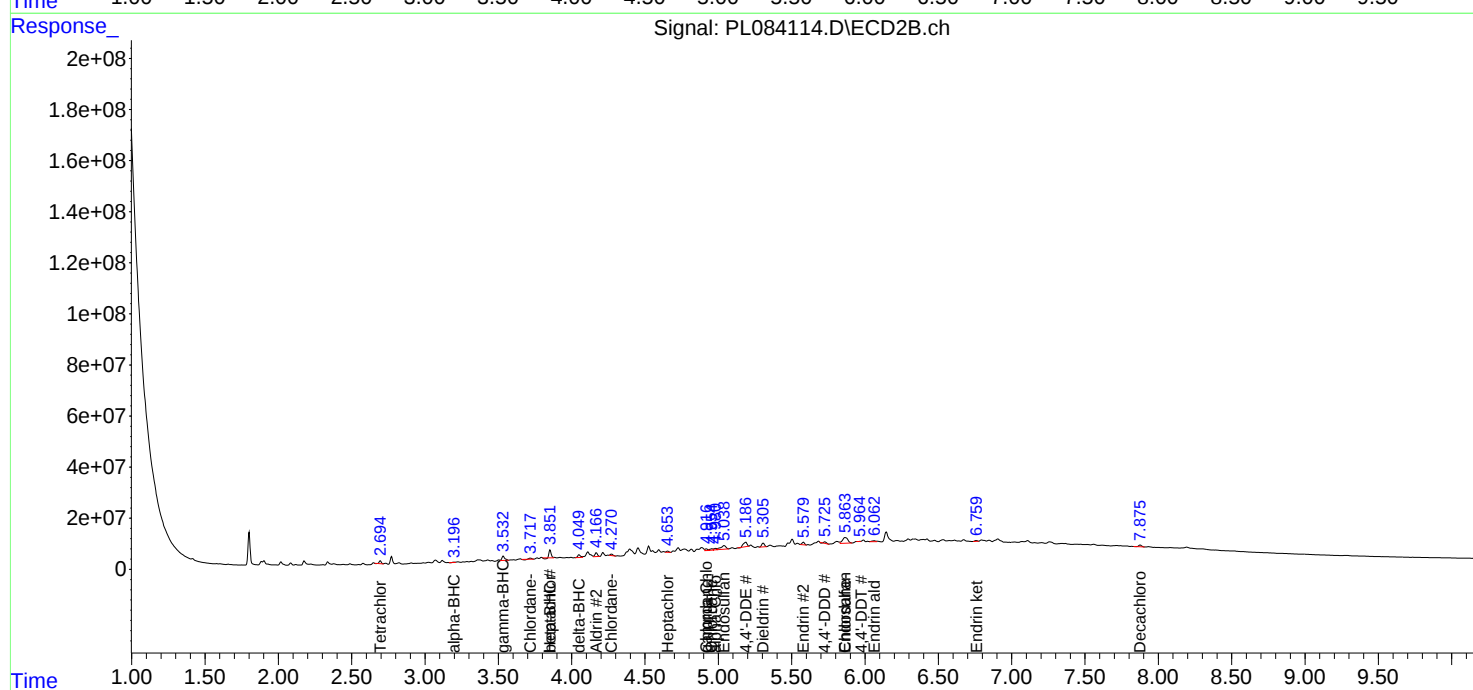
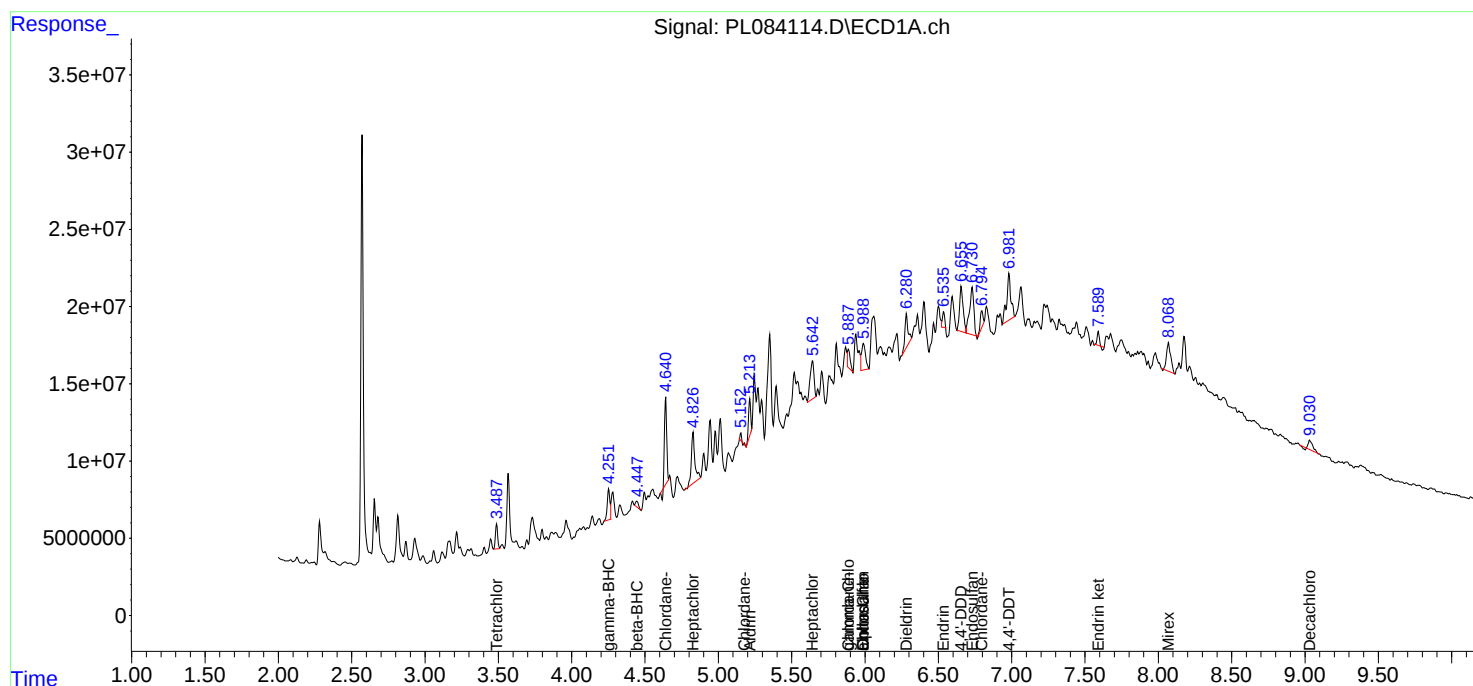
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

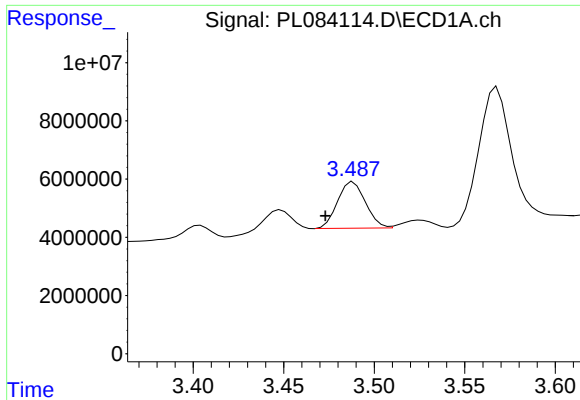
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072323\  
Data File : PL084114.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Jul 2023 09:36  
Operator : AR\AJ  
Sample : 3670-01RE  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 22 03:48:20 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071223.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 14 00:03:54 2023  
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

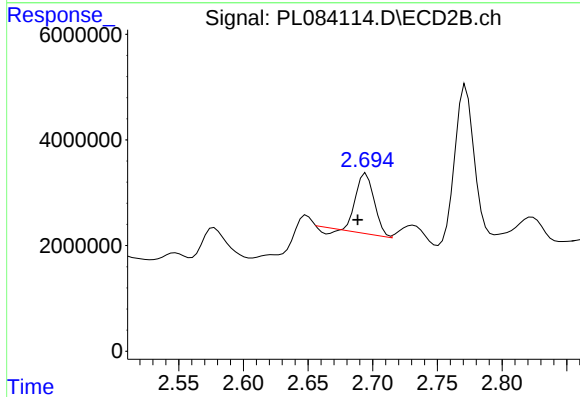




#1 Tetrachloro-m-xylene

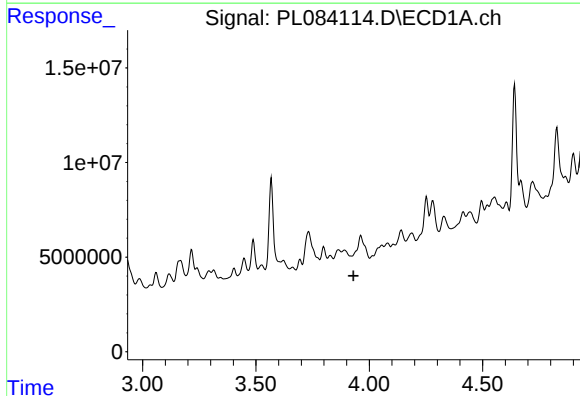
R.T.: 3.489 min  
Delta R.T.: 0.016 min  
Response: 17106248  
Conc: 8.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



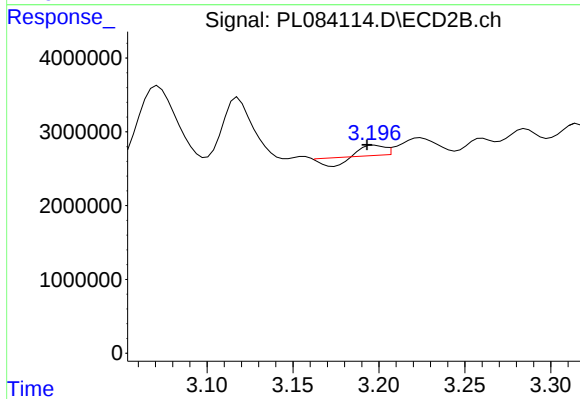
#1 Tetrachloro-m-xylene

R.T.: 2.695 min  
Delta R.T.: 0.006 min  
Response: 11054645  
Conc: 9.95 ng/ml



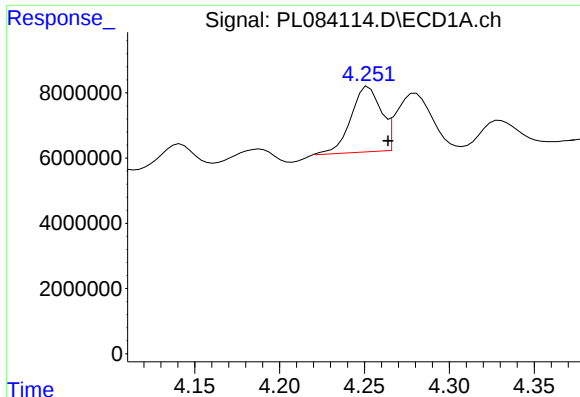
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.930 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

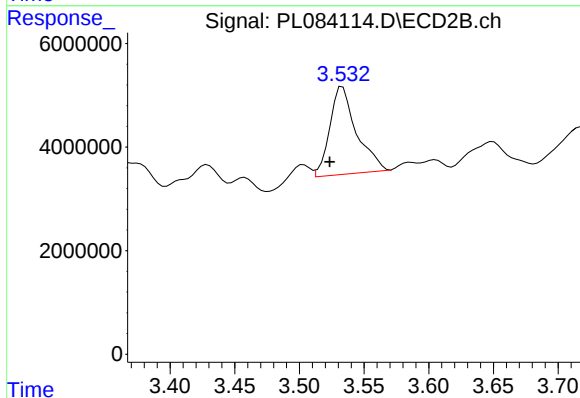
R.T.: 3.197 min  
Delta R.T.: 0.004 min  
Response: 360073  
Conc: 0.22 ng/ml



#3 gamma-BHC (Lindane)

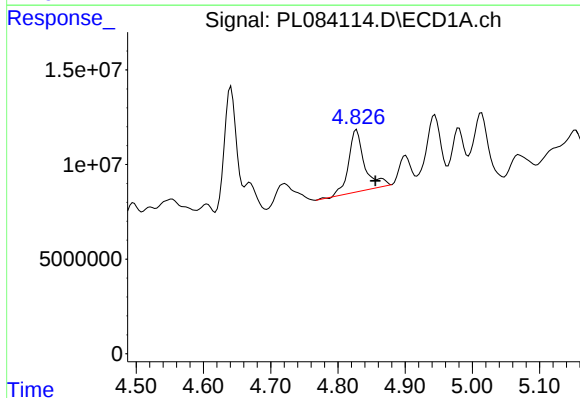
R.T.: 4.252 min  
Delta R.T.: -0.012 min  
Response: 24540546  
Conc: 8.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



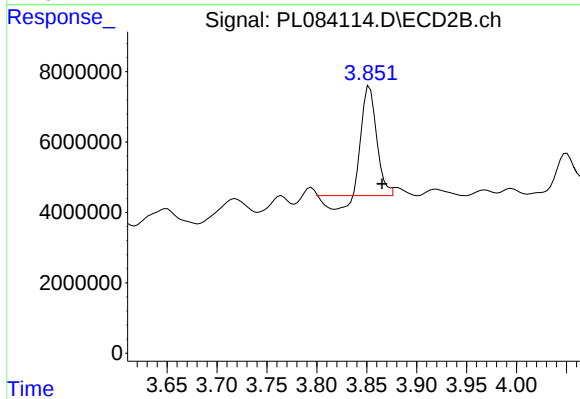
#3 gamma-BHC (Lindane)

R.T.: 3.533 min  
Delta R.T.: 0.010 min  
Response: 24298046  
Conc: 15.98 ng/ml



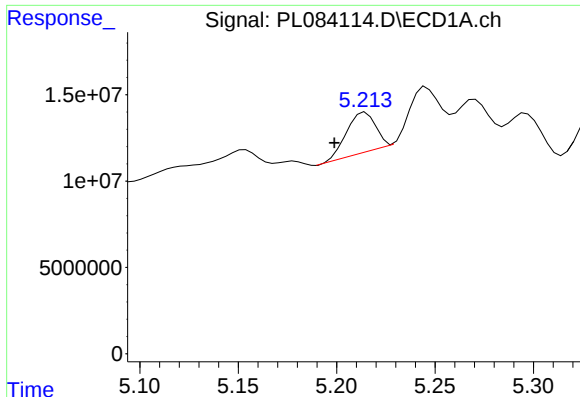
#4 Heptachlor

R.T.: 4.828 min  
Delta R.T.: -0.028 min  
Response: 54576178  
Conc: 20.08 ng/ml



#4 Heptachlor

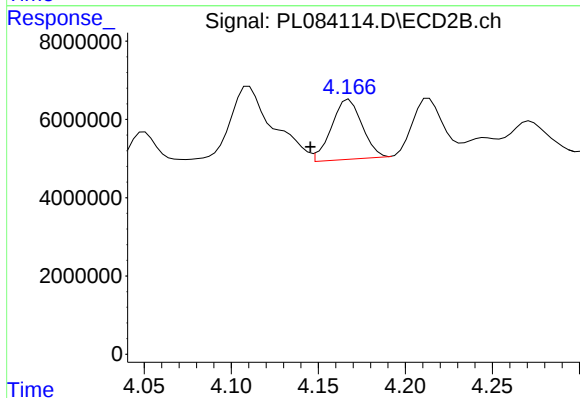
R.T.: 3.853 min  
Delta R.T.: -0.012 min  
Response: 28767330  
Conc: 24.41 ng/ml



#5 Aldrin

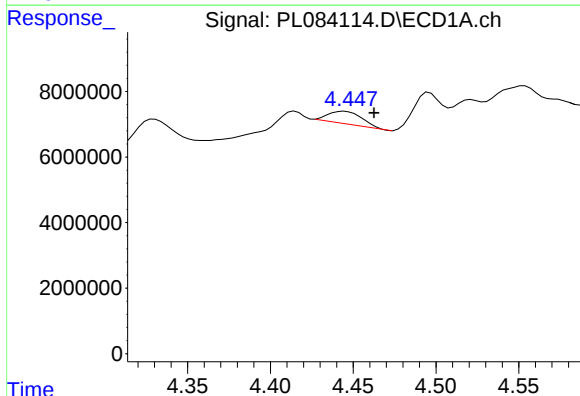
R.T.: 5.215 min  
Delta R.T.: 0.016 min  
Response: 23322710  
Conc: 8.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



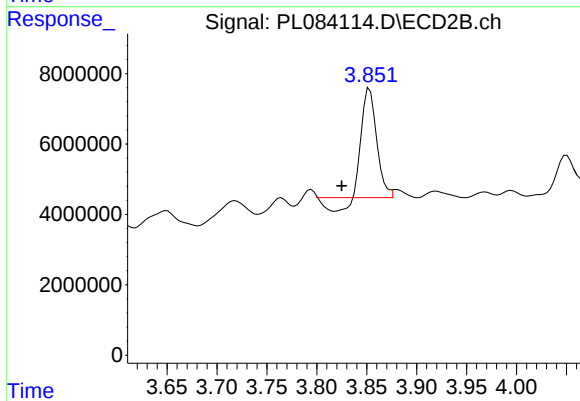
#5 Aldrin

R.T.: 4.168 min  
Delta R.T.: 0.022 min  
Response: 18732734  
Conc: 12.42 ng/ml



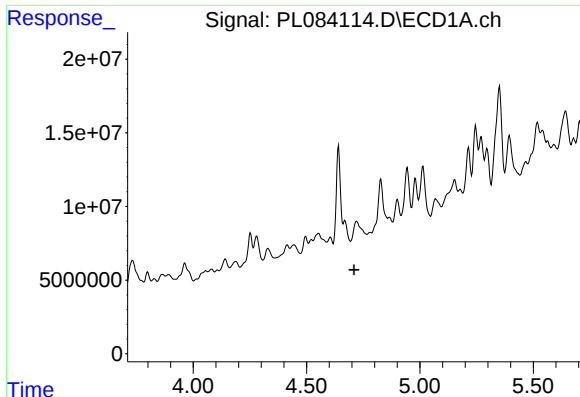
#6 beta-BHC

R.T.: 4.445 min  
Delta R.T.: -0.018 min  
Response: 5444556  
Conc: 4.54 ng/ml



#6 beta-BHC

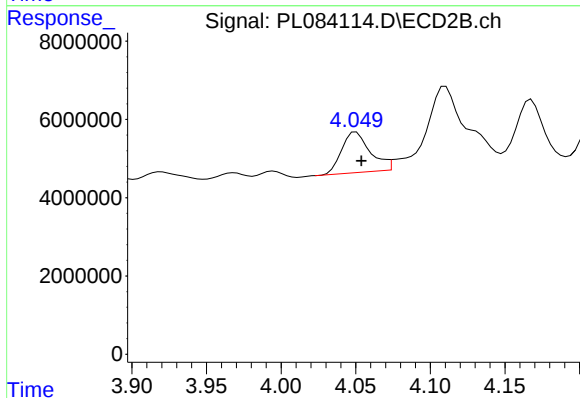
R.T.: 3.853 min  
Delta R.T.: 0.028 min  
Response: 28767330  
Conc: 43.58 ng/ml



#7 delta-BHC

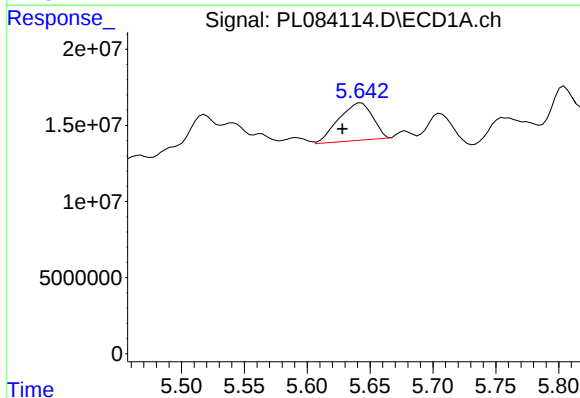
R.T.: 4.721 min  
Delta R.T.: 0.012 min  
Response: -2650584  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



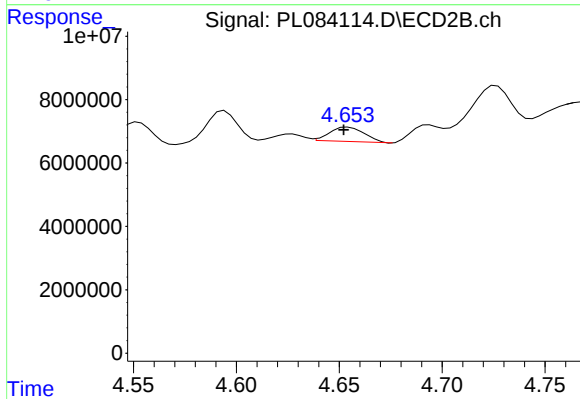
#7 delta-BHC

R.T.: 4.050 min  
Delta R.T.: -0.004 min  
Response: 13810694  
Conc: 9.13 ng/ml



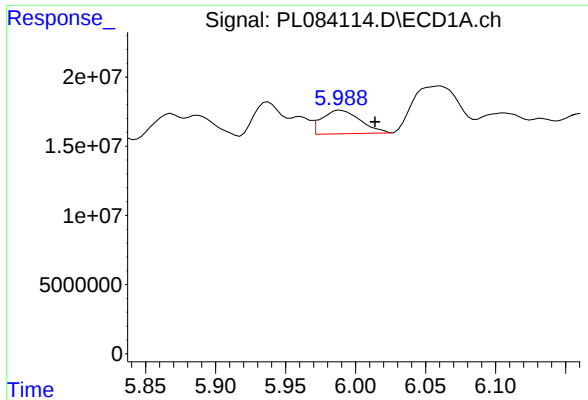
#8 Heptachlor epoxide

R.T.: 5.643 min  
Delta R.T.: 0.015 min  
Response: 46039832  
Conc: 17.25 ng/ml



#8 Heptachlor epoxide

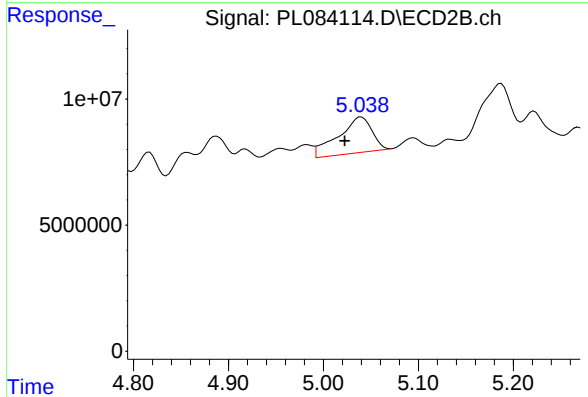
R.T.: 4.654 min  
Delta R.T.: 0.002 min  
Response: 5329688  
Conc: 4.15 ng/ml



#9 Endosulfan I

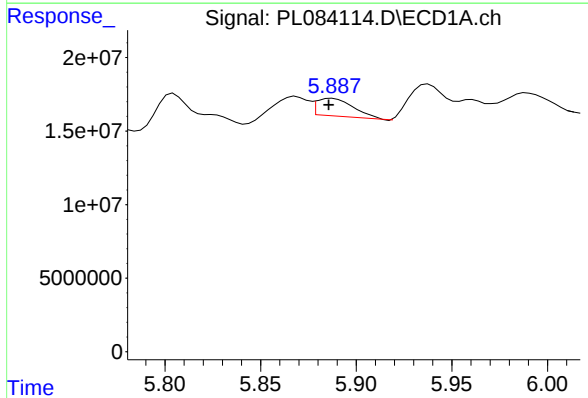
R.T.: 5.989 min  
Delta R.T.: -0.025 min  
Response: 32529897  
Conc: 13.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



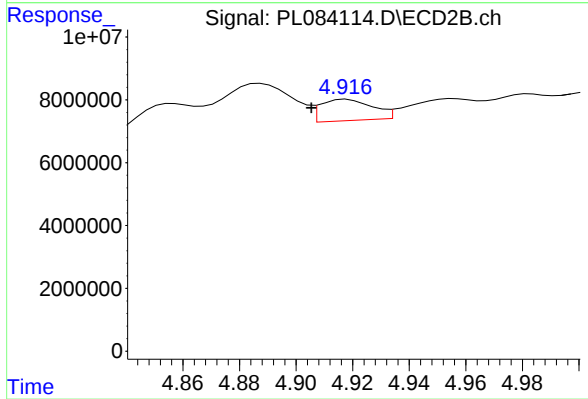
#9 Endosulfan I

R.T.: 5.040 min  
Delta R.T.: 0.018 min  
Response: 35158713  
Conc: 28.67 ng/ml



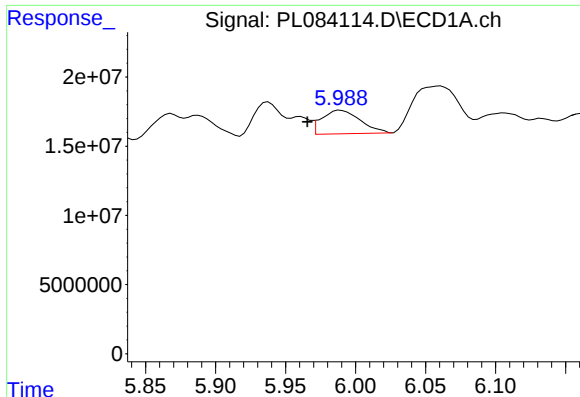
#10 gamma-Chlordane

R.T.: 5.887 min  
Delta R.T.: 0.002 min  
Response: 16067586  
Conc: 6.22 ng/ml



#10 gamma-Chlordane

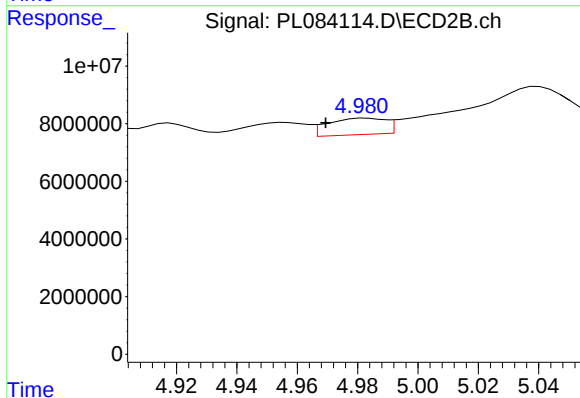
R.T.: 4.918 min  
Delta R.T.: 0.013 min  
Response: 8571633  
Conc: 6.43 ng/ml



#11 alpha-Chlordane

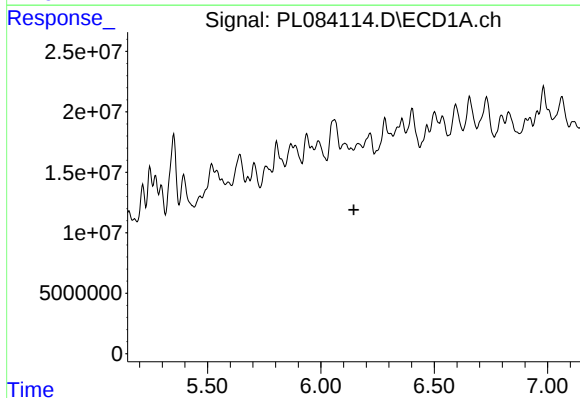
R.T.: 5.989 min  
Delta R.T.: 0.024 min  
Response: 32529897  
Conc: 12.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



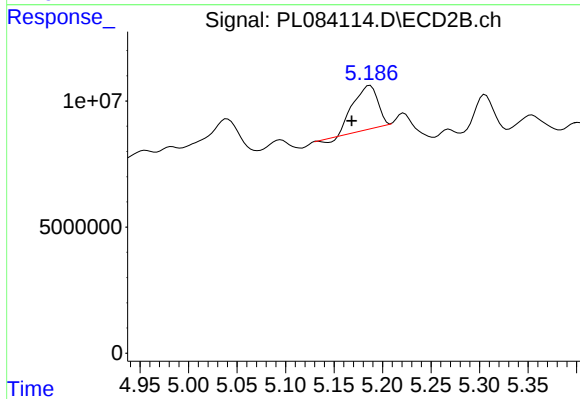
#11 alpha-Chlordane

R.T.: 4.983 min  
Delta R.T.: 0.014 min  
Response: 7580864  
Conc: 5.63 ng/ml



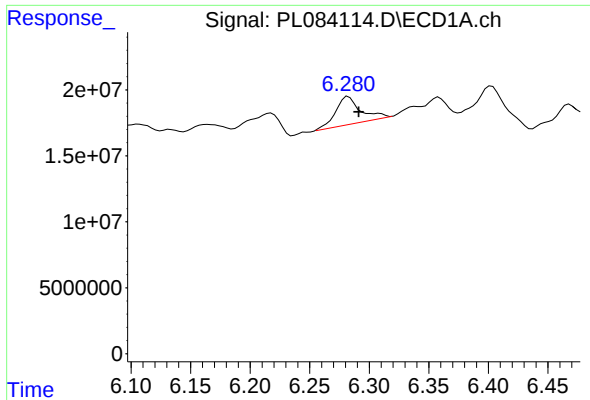
#12 4,4'-DDE

R.T.: 6.133 min  
Delta R.T.: -0.011 min  
Response: -258462  
Conc: N.D.



#12 4,4'-DDE

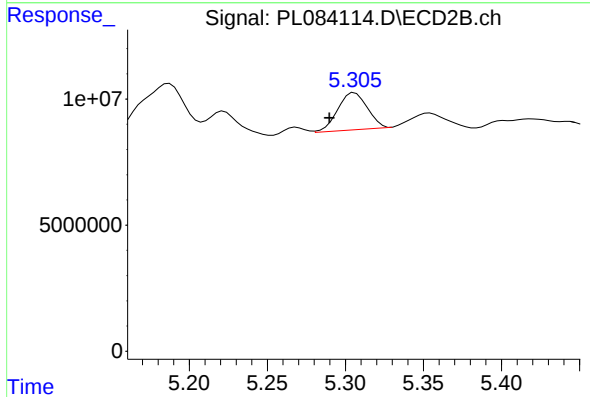
R.T.: 5.187 min  
Delta R.T.: 0.019 min  
Response: 29579545  
Conc: 24.08 ng/ml



#13 Dieldrin

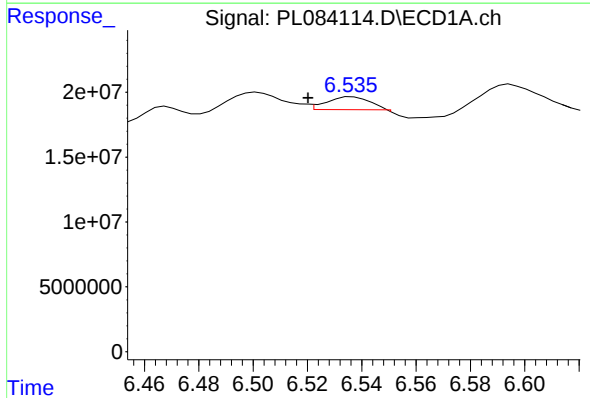
R.T.: 6.283 min  
Delta R.T.: -0.009 min  
Response: 30848703  
Conc: 12.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



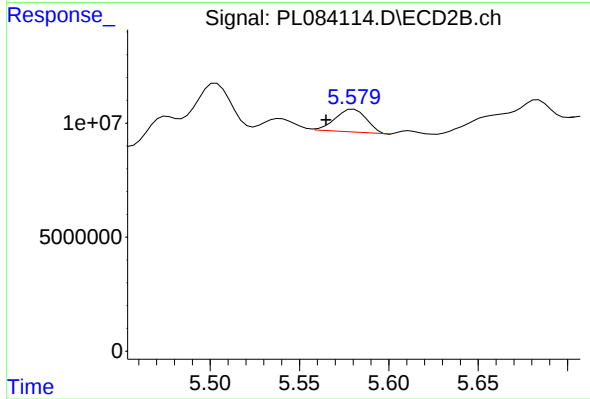
#13 Dieldrin

R.T.: 5.306 min  
Delta R.T.: 0.016 min  
Response: 19347008  
Conc: 14.86 ng/ml



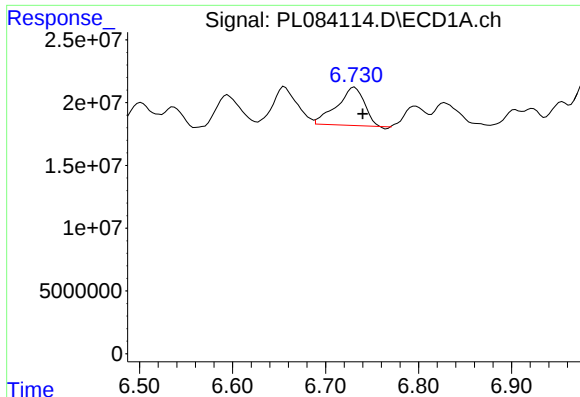
#14 Endrin

R.T.: 6.537 min  
Delta R.T.: 0.016 min  
Response: 10871677  
Conc: 5.71 ng/ml



#14 Endrin

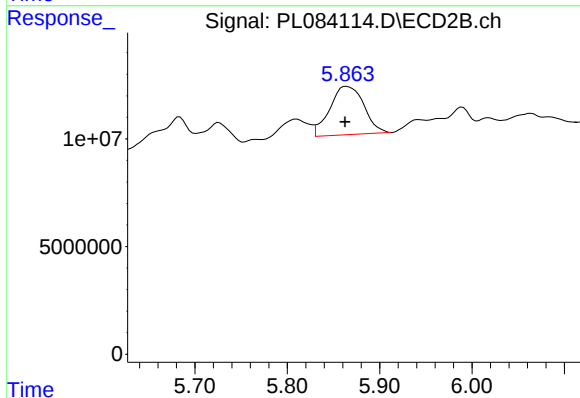
R.T.: 5.580 min  
Delta R.T.: 0.016 min  
Response: 12078147  
Conc: 10.99 ng/ml



#15 Endosulfan II

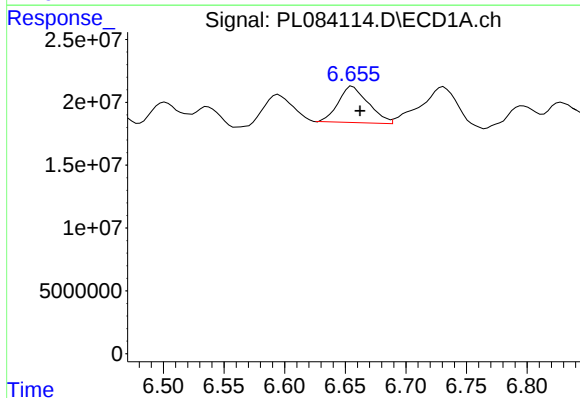
R.T.: 6.731 min  
Delta R.T.: -0.009 min  
Response: 61964830  
Conc: 33.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



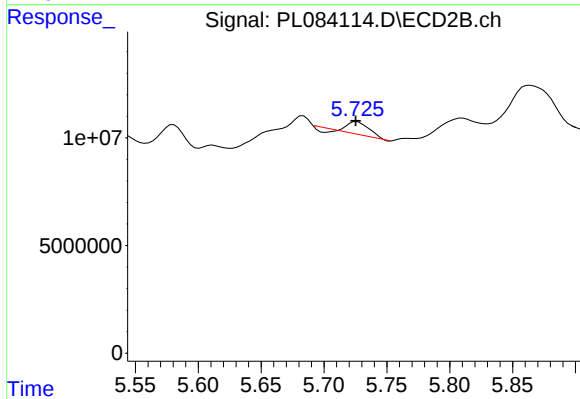
#15 Endosulfan II

R.T.: 5.864 min  
Delta R.T.: 0.002 min  
Response: 57891360  
Conc: 50.37 ng/ml



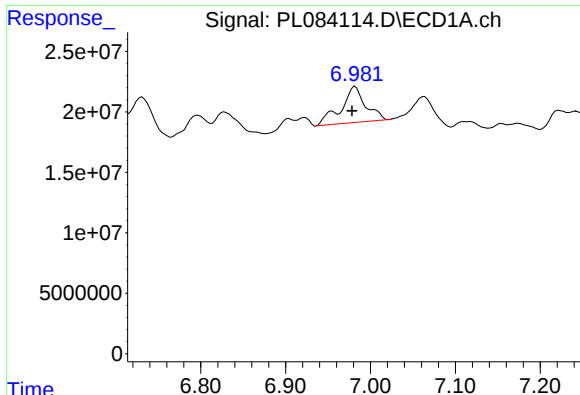
#16 4,4'-DDD

R.T.: 6.656 min  
Delta R.T.: -0.006 min  
Response: 49728280  
Conc: 33.86 ng/ml



#16 4,4'-DDD

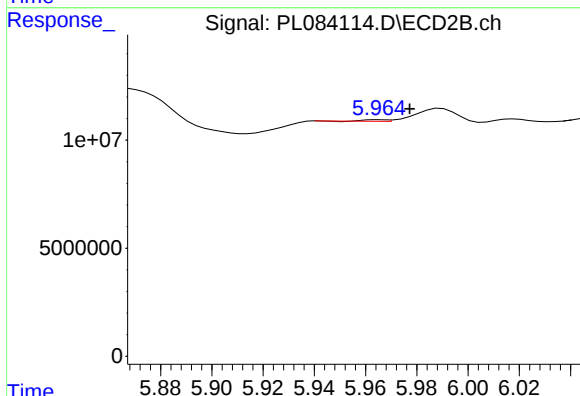
R.T.: 5.726 min  
Delta R.T.: 0.000 min  
Response: 5783078  
Conc: 6.03 ng/ml



#17 4,4'-DDT

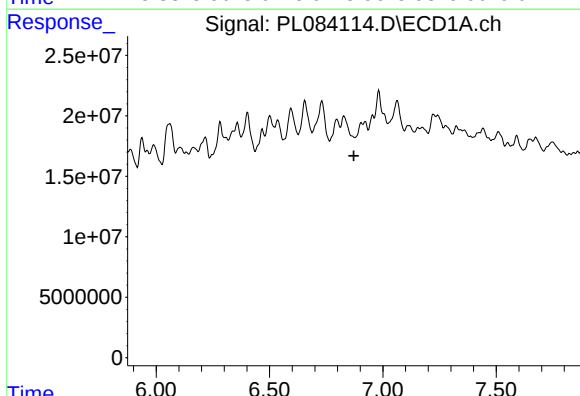
R.T.: 6.982 min  
Delta R.T.: 0.004 min  
Response: 59102682  
Conc: 37.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



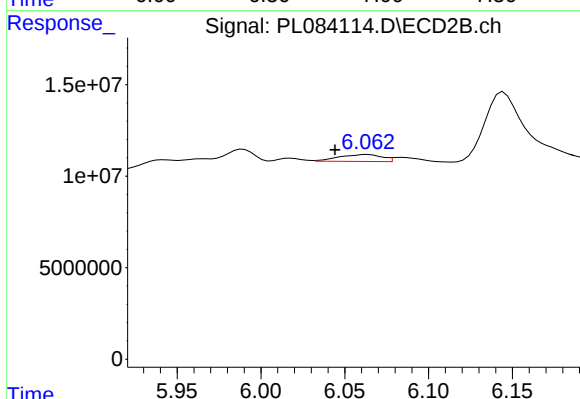
#17 4,4'-DDT

R.T.: 5.966 min  
Delta R.T.: -0.011 min  
Response: 434306  
Conc: 0.48 ng/ml



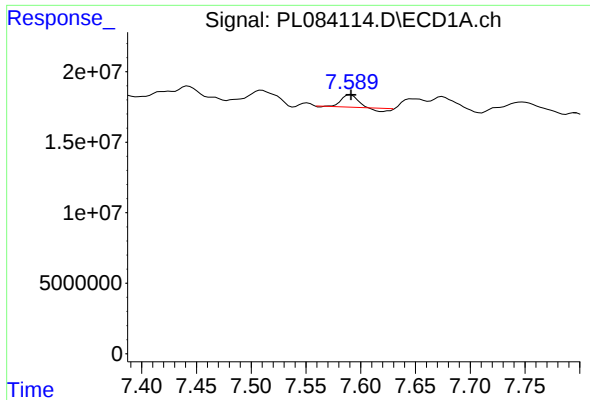
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.872 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

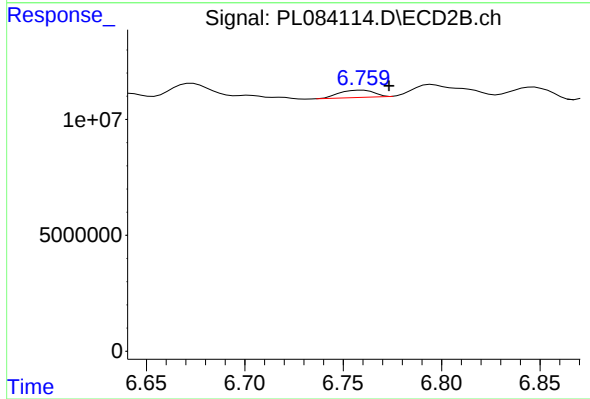
R.T.: 6.064 min  
Delta R.T.: 0.020 min  
Response: 6685029  
Conc: 7.44 ng/ml



#21 Endrin ketone

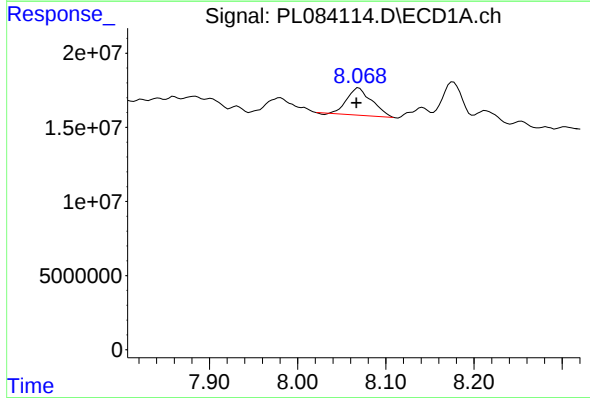
R.T.: 7.591 min  
Delta R.T.: 0.000 min  
Response: 6525648  
Conc: 3.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



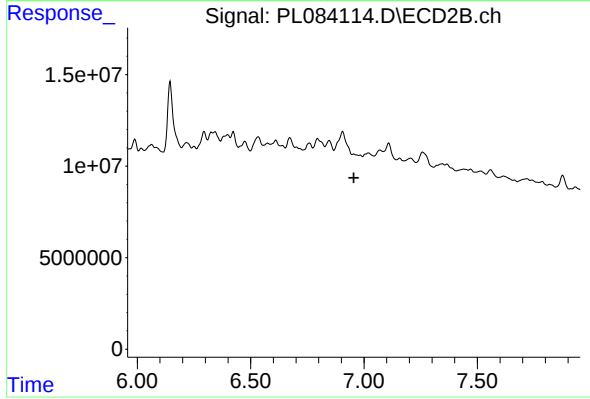
#21 Endrin ketone

R.T.: 6.760 min  
Delta R.T.: -0.013 min  
Response: 3880810  
Conc: 3.00 ng/ml



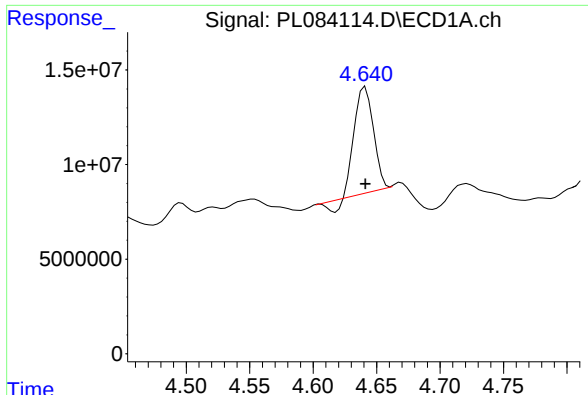
#22 Mirex

R.T.: 8.069 min  
Delta R.T.: 0.003 min  
Response: 34919396  
Conc: 24.40 ng/ml



#22 Mirex

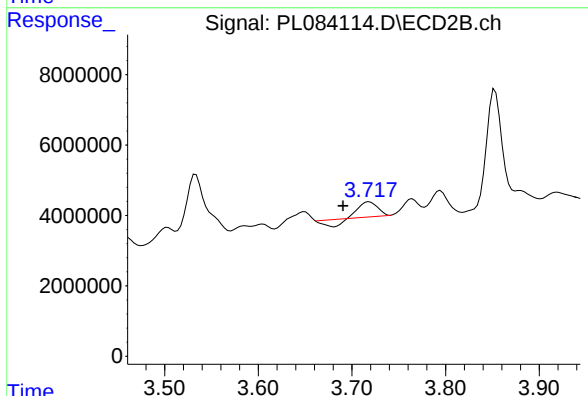
R.T.: 6.955 min  
Delta R.T.: 0.000 min  
Response: -4698995  
Conc: N.D.



#23 Chlordane-1

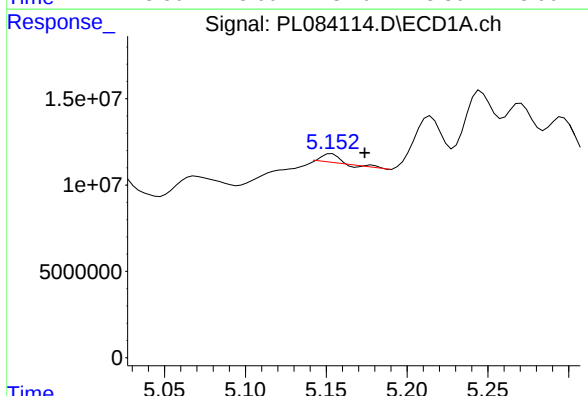
R.T.: 4.641 min  
Delta R.T.: 0.000 min  
Response: 55721767  
Conc: 69.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



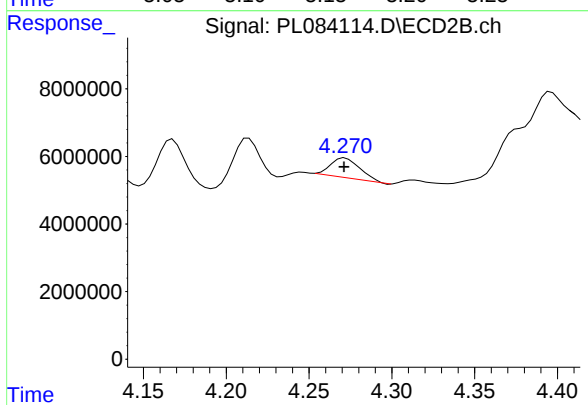
#23 Chlordane-1

R.T.: 3.719 min  
Delta R.T.: 0.028 min  
Response: 3993994  
Conc: 10.12 ng/ml



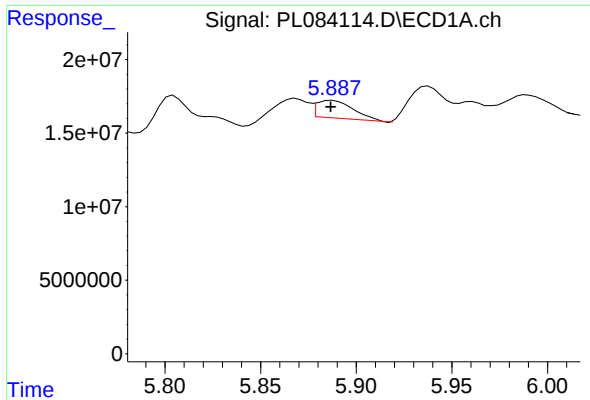
#24 Chlordane-2

R.T.: 5.178 min  
Delta R.T.: 0.004 min  
Response: 2297687  
Conc: 2.88 ng/ml



#24 Chlordane-2

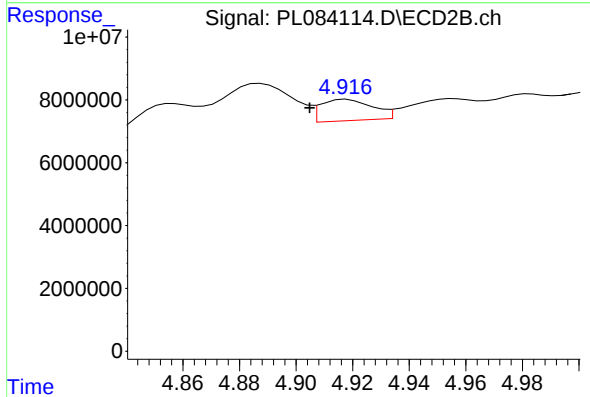
R.T.: 4.272 min  
Delta R.T.: 0.000 min  
Response: 7190626  
Conc: 16.96 ng/ml



#25 Chlordane-3

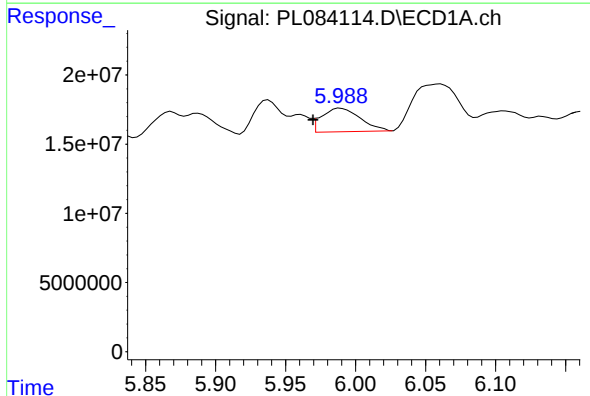
R.T.: 5.887 min  
Delta R.T.: 0.000 min  
Response: 16067586  
Conc: 4.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



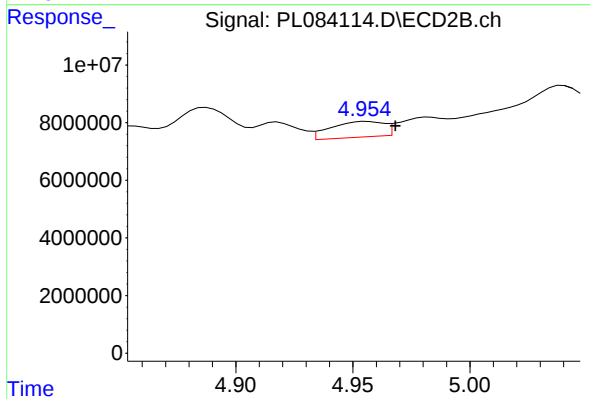
#25 Chlordane-3

R.T.: 4.918 min  
Delta R.T.: 0.013 min  
Response: 8571633  
Conc: 6.25 ng/ml



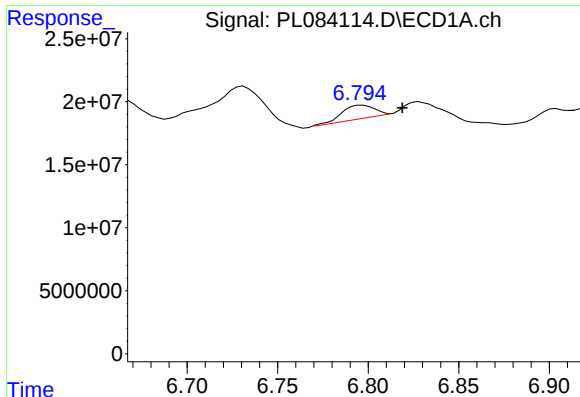
#26 Chlordane-4

R.T.: 5.989 min  
Delta R.T.: 0.020 min  
Response: 32529897  
Conc: 7.97 ng/ml



#26 Chlordane-4

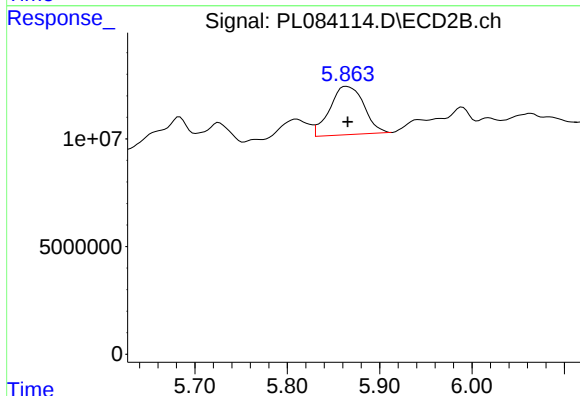
R.T.: 4.956 min  
Delta R.T.: -0.012 min  
Response: 8595739  
Conc: 6.00 ng/ml



#27 Chlordane-5

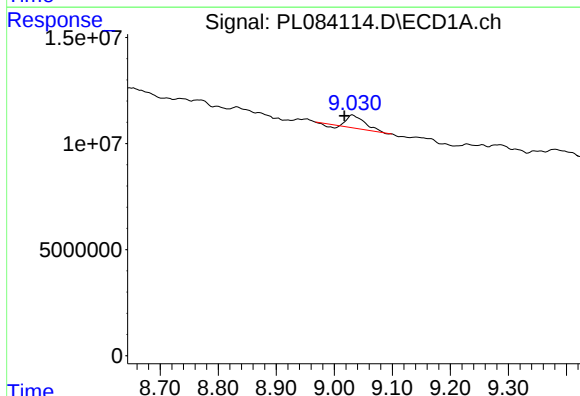
R.T.: 6.797 min  
Delta R.T.: -0.022 min  
Response: 13151803  
Conc: 21.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



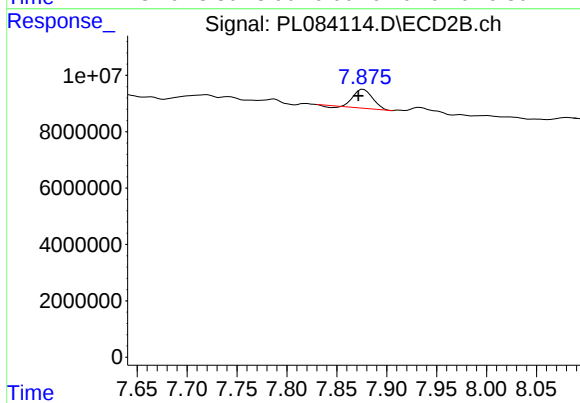
#27 Chlordane-5

R.T.: 5.864 min  
Delta R.T.: -0.001 min  
Response: 57891360  
Conc: 126.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.033 min  
Delta R.T.: 0.016 min  
Response: 9693204  
Conc: 7.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.877 min  
Delta R.T.: 0.005 min  
Response: 8652005  
Conc: 7.79 ng/ml