

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080218\  
 Data File : PL038810.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Aug 2018 13:20  
 Operator : AJ\SJ  
 Sample : J4233-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 03 00:47:43 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jul 14 00:12:12 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|----------|
| -----                       |                 |        |        |          |          |         |          |
| System Monitoring Compounds |                 |        |        |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.325  | 3.928  | 85736576 | 2880649  | 11.514  | 1.097 #  |
| 28)                         | SA Decachlor... | 7.991  | 8.935  | 98228042 | 25234360 | 12.949  | 10.323   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.745  | 4.321  | 30949300 | 61387573 | 2.619   | 15.862 # |
| 3)                          | MA gamma-BHC... | 4.026  | 4.576  | 72334510 | 36986364 | 6.900   | 10.240 # |
| 4)                          | MA Heptachlor   | 4.322  | 5.111  | 16343202 | 1764125  | 1.536   | 0.552 #  |
| 5)                          | MB Aldrin       | 4.516f | 5.416  | 56047867 | 720909   | 5.355   | 0.234 #  |
| 6)                          | B beta-BHC      | 4.275  | 4.798f | 69783175 | 15147056 | 14.783  | 9.986 #  |
| 7)                          | B delta-BHC     | 4.490  | 4.954  | 21312611 | 3052304  | 1.964   | 0.920 #  |
| 8)                          | B Heptachlo...  | 4.987  | 5.767  | 2136560  | 2060707  | 0.227   | 0.725 #  |
| 9)                          | A Endosulfan I  | 5.341  | 6.158  | 28604629 | 12475103 | 3.307   | 4.851 #  |
| 10)                         | B gamma-Chl...  | 5.237  | 5.990  | 72126495 | 4519831  | 7.297   | 1.559 #  |
| 11)                         | B alpha-Chl...  | 5.281  | 6.104  | 71850427 | 21231394 | 7.591   | 7.407    |
| 12)                         | B 4,4'-DDE      | 5.433  | 6.256  | 26167745 | 19537555 | 2.729   | 7.306 #  |
| 13)                         | MA Dieldrin     | 5.596  | 6.380  | 1745617  | 3234665  | 0.182   | 1.188 #  |
| 14)                         | MA Endrin       | 5.824  | 6.588  | 48979628 | -752677  | 5.637   | N.D. #   |
| 15)                         | B Endosulfa...  | 6.043f | 6.788  | 31260265 | -3951672 | 3.942   | N.D. #   |
| 16)                         | A 4,4'-DDD      | 5.959  | 6.696  | 7853069  | 8492664  | 1.071   | 3.968 #  |
| 17)                         | MA 4,4'-DDT     | 6.159  | 6.984f | 5226328  | 1606221  | 0.704   | 0.753    |
| 18)                         | B Endrin al...  | 6.240  | 6.922  | 7690928  | 7007599  | 1.208   | 3.591 #  |
| 19)                         | B Endosulfa...  | 6.444  | 7.124  | 42761287 | 2769556  | 5.661   | 1.271 #  |
| 20)                         | A Methoxychlor  | 6.740  | 7.486  | 28399909 | 1262516  | 7.381   | 1.109 #  |
| 21)                         | B Endrin ke...  | 6.954  | 7.643  | 9289988  | 7204062  | 1.184   | 3.022 #  |
| 23)                         | Chlordane-1     | 4.177  | 4.931  | 68308159 | 1837642  | 197.280 | 15.857 # |
| 24)                         | Chlordane-2     | 4.655  | 5.386  | 32081844 | 930883   | 86.680  | 7.774 #  |
| 25)                         | Chlordane-3     | 5.237  | 5.990  | 72126495 | 4519831  | 62.000  | 11.081 # |
| 26)                         | Chlordane-4     | 5.281  | 6.104  | 71850427 | 21231394 | 68.339  | 43.214 # |
| 27)                         | Chlordane-5     | 5.870  | 6.872  | 5869666  | 868617   | 36.655  | 9.697 #  |
| -----                       |                 |        |        |          |          |         |          |

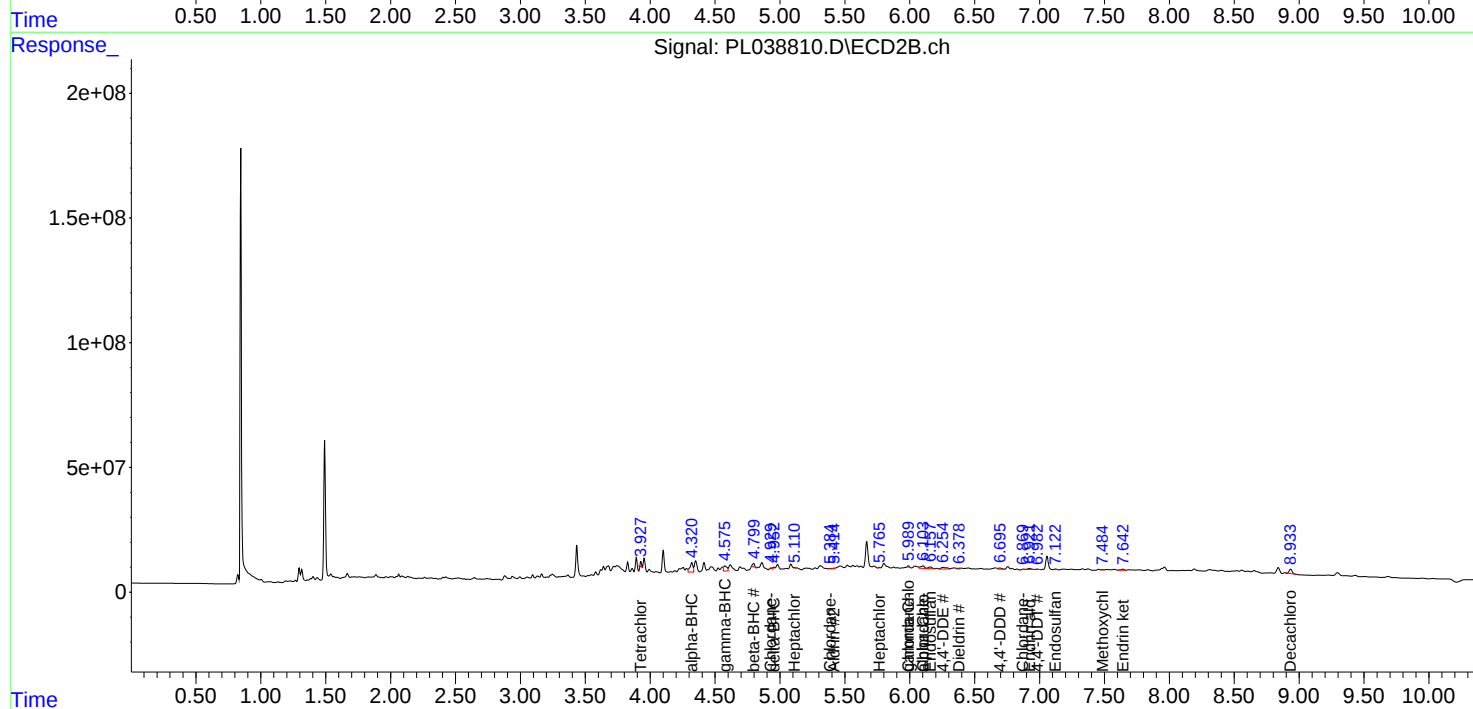
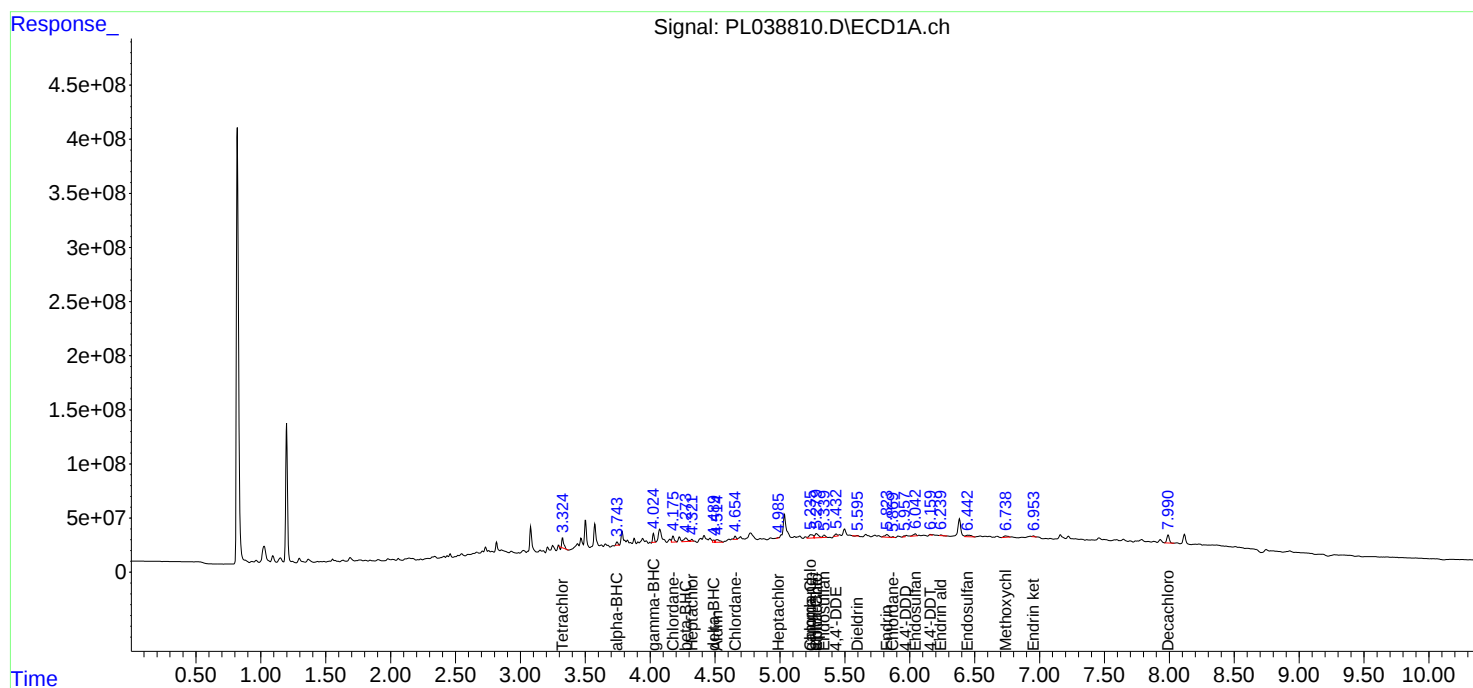
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

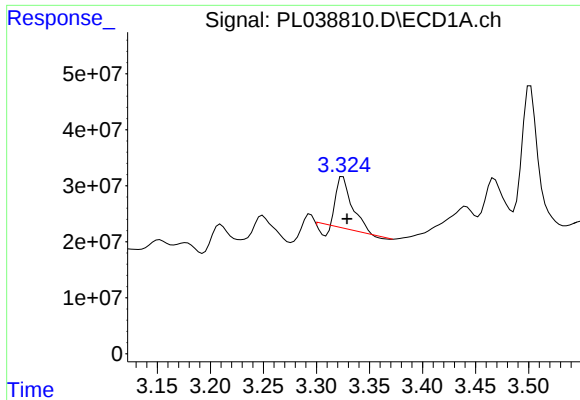
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080218\  
Data File : PL038810.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2018 13:20  
Operator : AJ\SJ  
Sample : J4233-01  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 00:47:43 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

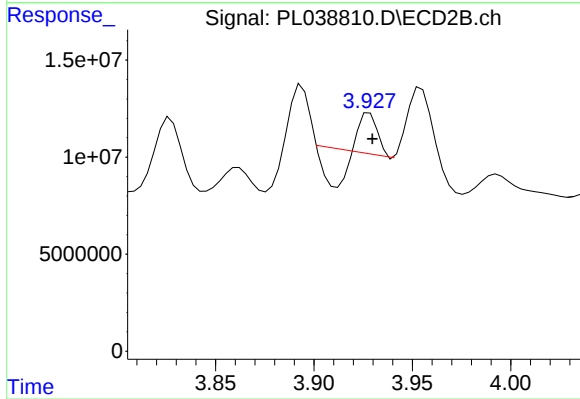




#1 Tetrachloro-m-xylene

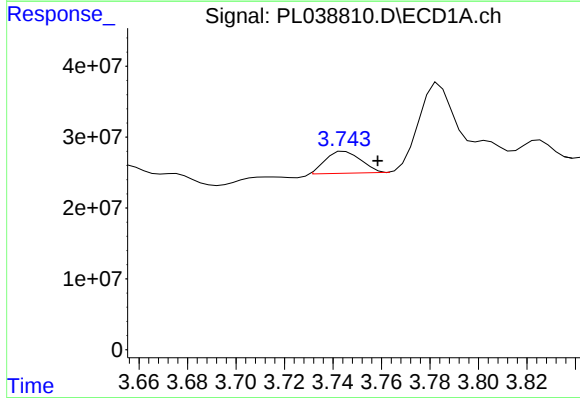
R.T.: 3.325 min  
Delta R.T.: -0.004 min  
Response: 85736576  
Conc: 11.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



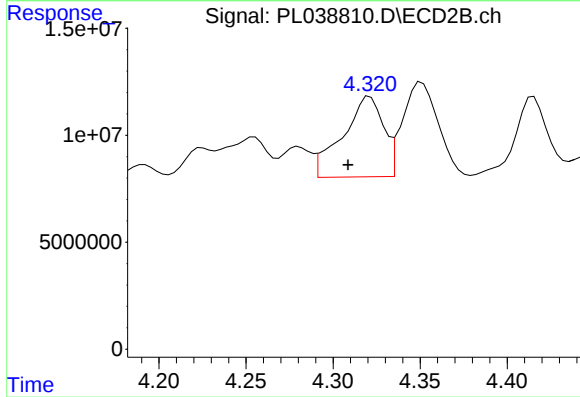
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.001 min  
Response: 2880649  
Conc: 1.10 ng/ml



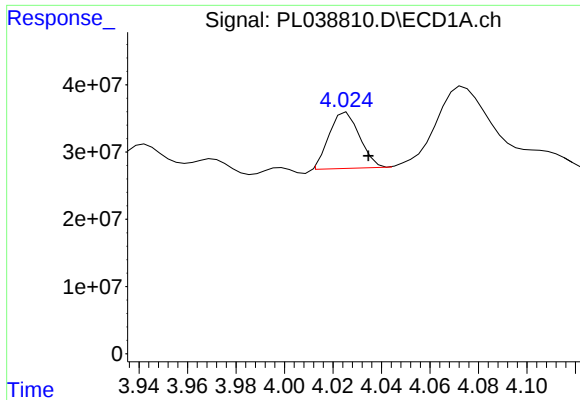
#2 alpha-BHC

R.T.: 3.745 min  
Delta R.T.: -0.013 min  
Response: 30949300  
Conc: 2.62 ng/ml



#2 alpha-BHC

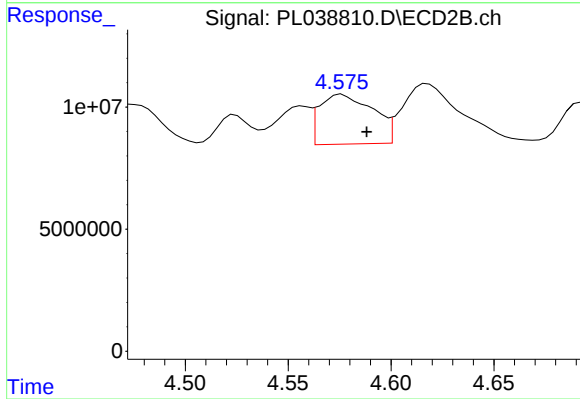
R.T.: 4.321 min  
Delta R.T.: 0.013 min  
Response: 61387573  
Conc: 15.86 ng/ml



#3 gamma-BHC (Lindane)

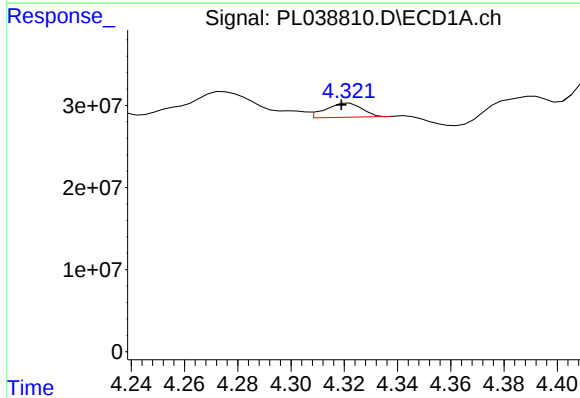
R.T.: 4.026 min  
Delta R.T.: -0.009 min  
Response: 72334510  
Conc: 6.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



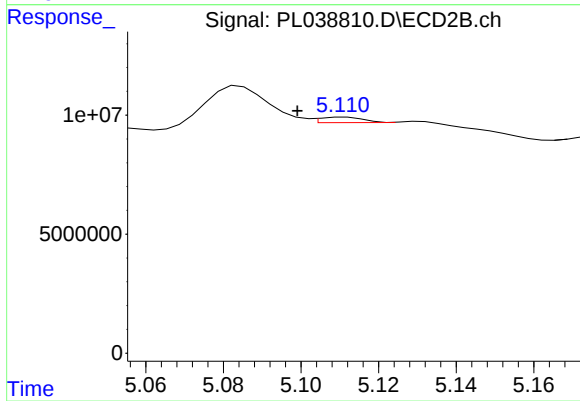
#3 gamma-BHC (Lindane)

R.T.: 4.576 min  
Delta R.T.: -0.012 min  
Response: 36986364  
Conc: 10.24 ng/ml



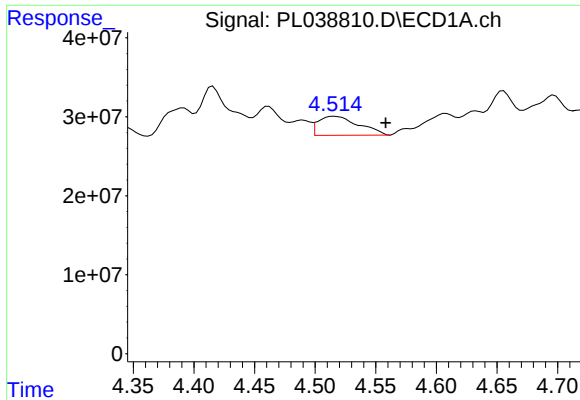
#4 Heptachlor

R.T.: 4.322 min  
Delta R.T.: 0.003 min  
Response: 16343202  
Conc: 1.54 ng/ml



#4 Heptachlor

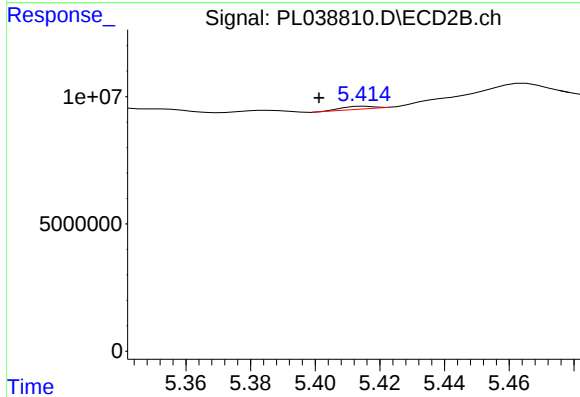
R.T.: 5.111 min  
Delta R.T.: 0.012 min  
Response: 1764125  
Conc: 0.55 ng/ml



#5 Aldrin

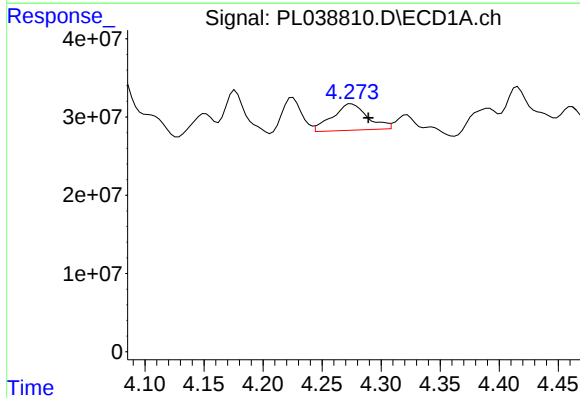
R.T.: 4.516 min  
Delta R.T.: -0.042 min  
Response: 56047867  
Conc: 5.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



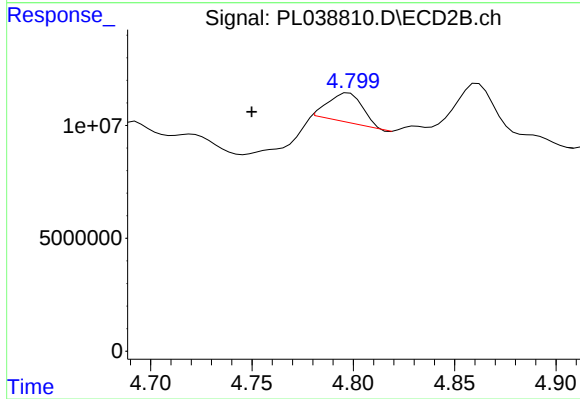
#5 Aldrin

R.T.: 5.416 min  
Delta R.T.: 0.015 min  
Response: 720909  
Conc: 0.23 ng/ml



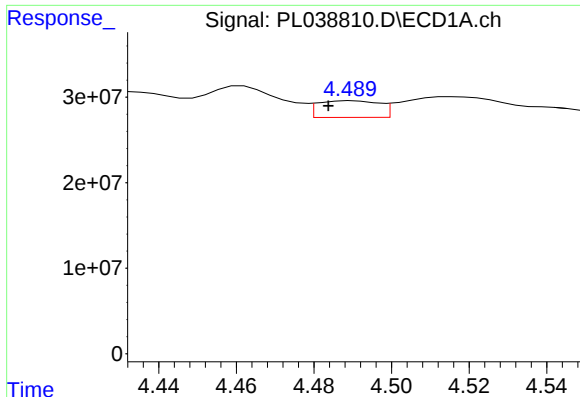
#6 beta-BHC

R.T.: 4.275 min  
Delta R.T.: -0.014 min  
Response: 69783175  
Conc: 14.78 ng/ml



#6 beta-BHC

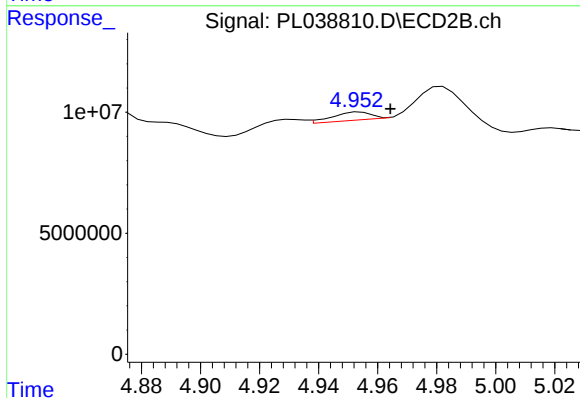
R.T.: 4.798 min  
Delta R.T.: 0.048 min  
Response: 15147056  
Conc: 9.99 ng/ml



#7 delta-BHC

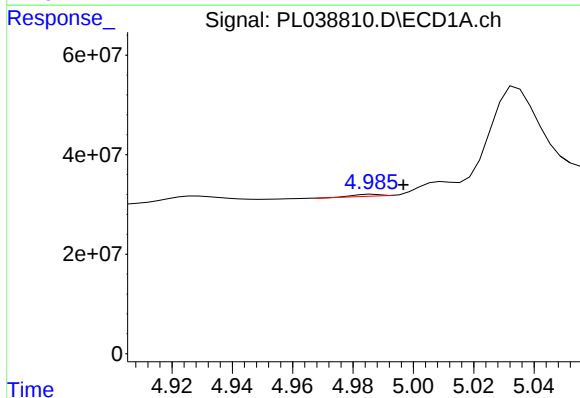
R.T.: 4.490 min  
Delta R.T.: 0.006 min  
Response: 21312611  
Conc: 1.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



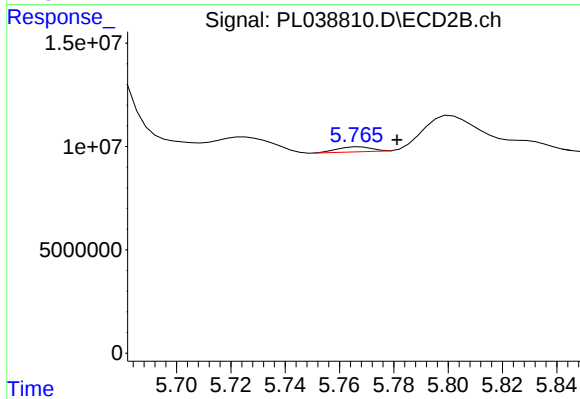
#7 delta-BHC

R.T.: 4.954 min  
Delta R.T.: -0.010 min  
Response: 3052304  
Conc: 0.92 ng/ml



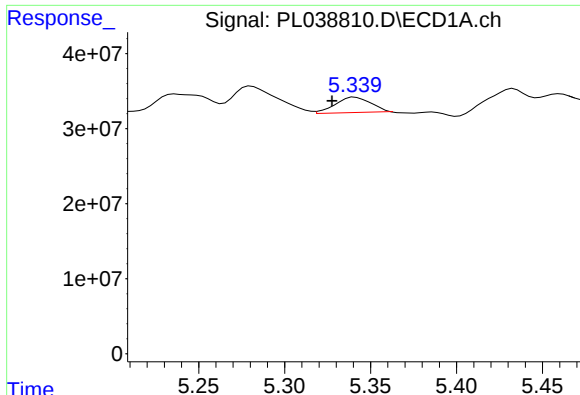
#8 Heptachlor epoxide

R.T.: 4.987 min  
Delta R.T.: -0.010 min  
Response: 2136560  
Conc: 0.23 ng/ml



#8 Heptachlor epoxide

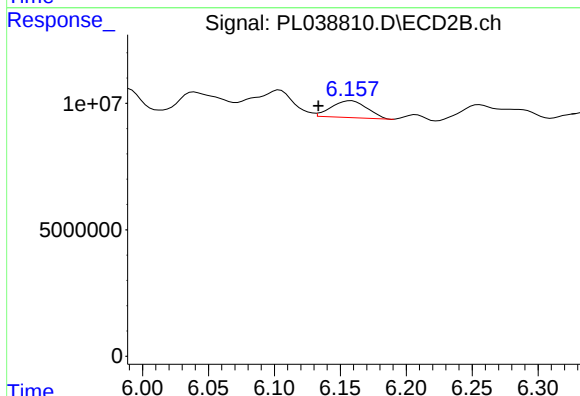
R.T.: 5.767 min  
Delta R.T.: -0.014 min  
Response: 2060707  
Conc: 0.73 ng/ml



#9 Endosulfan I

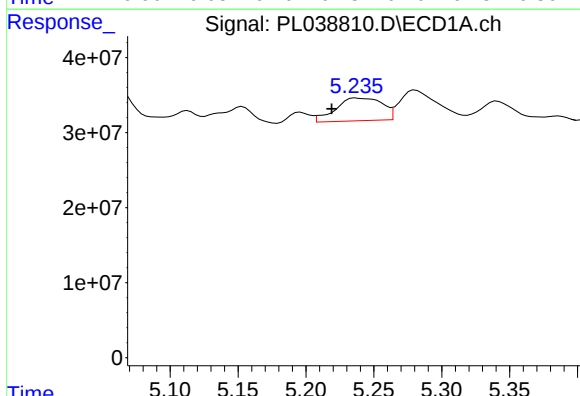
R.T.: 5.341 min  
Delta R.T.: 0.013 min  
Response: 28604629  
Conc: 3.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



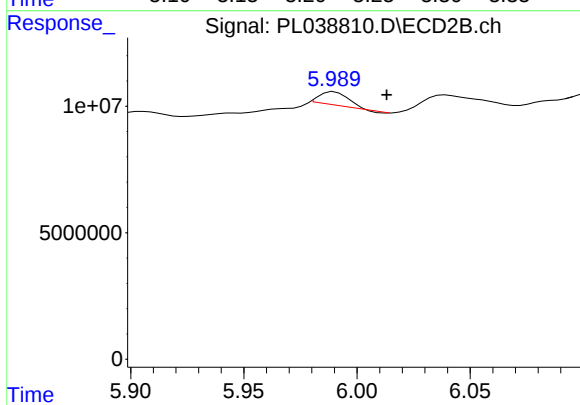
#9 Endosulfan I

R.T.: 6.158 min  
Delta R.T.: 0.025 min  
Response: 12475103  
Conc: 4.85 ng/ml



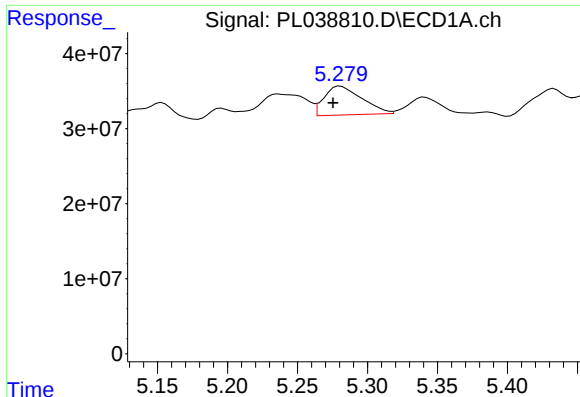
#10 gamma-Chlordane

R.T.: 5.237 min  
Delta R.T.: 0.018 min  
Response: 72126495  
Conc: 7.30 ng/ml



#10 gamma-Chlordane

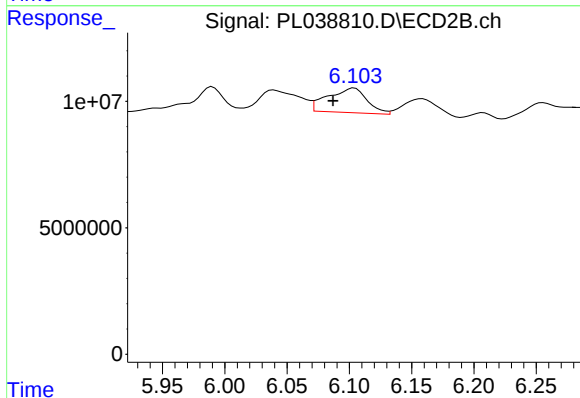
R.T.: 5.990 min  
Delta R.T.: -0.023 min  
Response: 4519831  
Conc: 1.56 ng/ml



#11 alpha-Chlordane

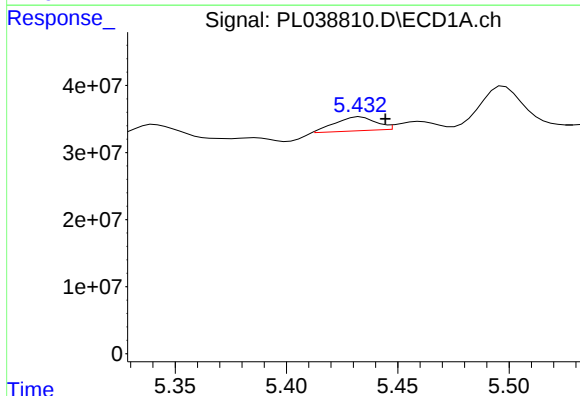
R.T.: 5.281 min  
Delta R.T.: 0.005 min  
Response: 71850427  
Conc: 7.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



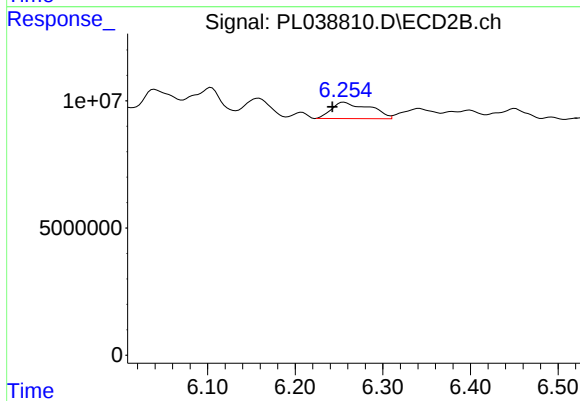
#11 alpha-Chlordane

R.T.: 6.104 min  
Delta R.T.: 0.017 min  
Response: 21231394  
Conc: 7.41 ng/ml



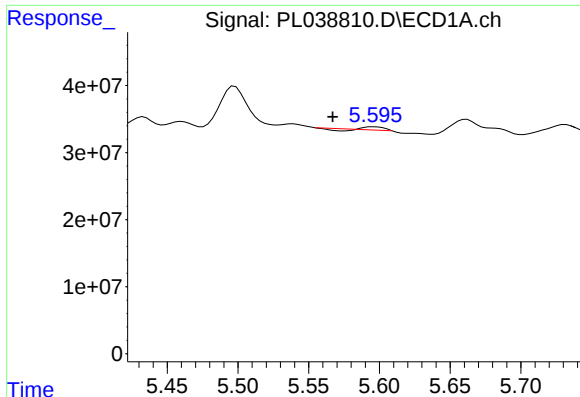
#12 4,4'-DDE

R.T.: 5.433 min  
Delta R.T.: -0.011 min  
Response: 26167745  
Conc: 2.73 ng/ml



#12 4,4'-DDE

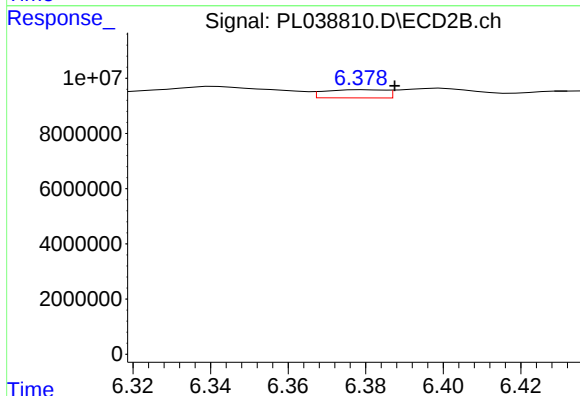
R.T.: 6.256 min  
Delta R.T.: 0.013 min  
Response: 19537555  
Conc: 7.31 ng/ml



#13 Dieldrin

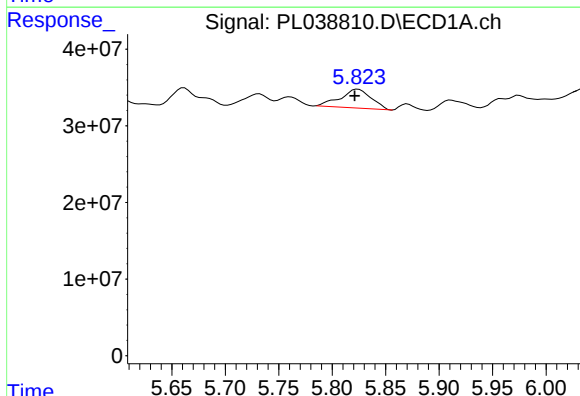
R.T.: 5.596 min  
Delta R.T.: 0.029 min  
Response: 1745617  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



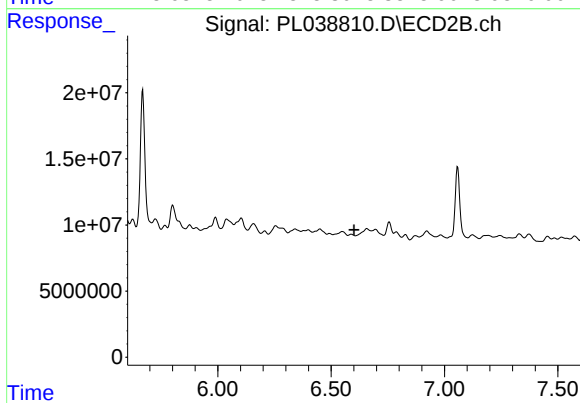
#13 Dieldrin

R.T.: 6.380 min  
Delta R.T.: -0.008 min  
Response: 3234665  
Conc: 1.19 ng/ml



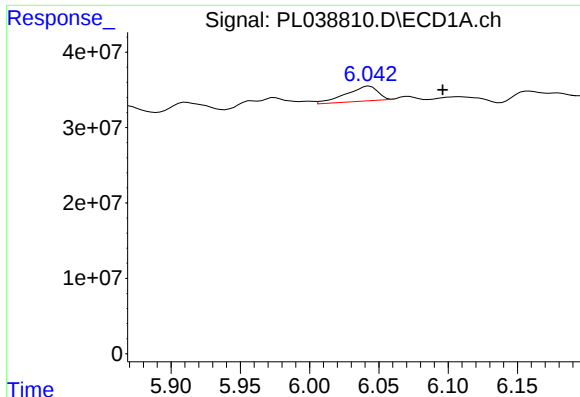
#14 Endrin

R.T.: 5.824 min  
Delta R.T.: 0.003 min  
Response: 48979628  
Conc: 5.64 ng/ml



#14 Endrin

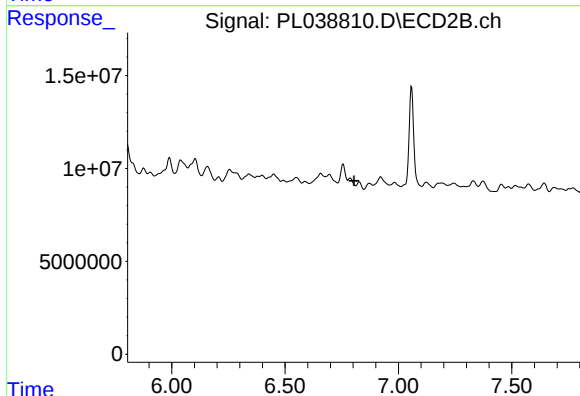
R.T.: 6.588 min  
Delta R.T.: -0.013 min  
Response: -752677  
Conc: N.D.



#15 Endosulfan II

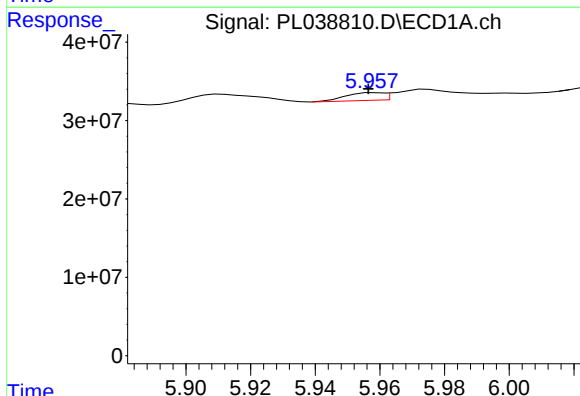
R.T.: 6.043 min  
Delta R.T.: -0.053 min  
Response: 31260265  
Conc: 3.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



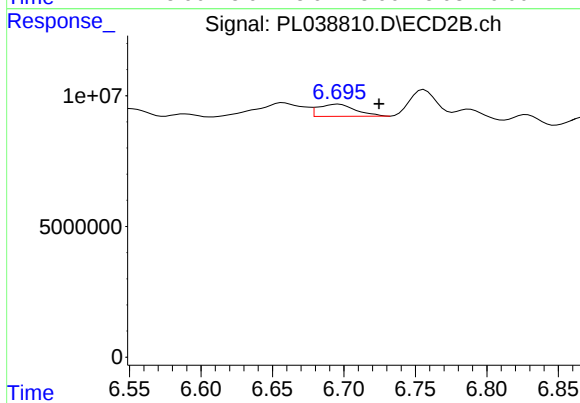
#15 Endosulfan II

R.T.: 6.788 min  
Delta R.T.: -0.017 min  
Response: -3951672  
Conc: N.D.



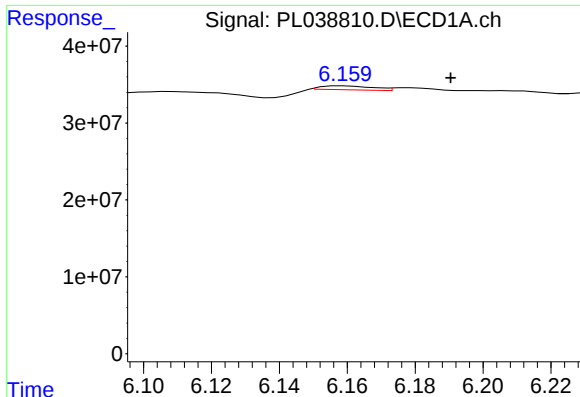
#16 4,4'-DDD

R.T.: 5.959 min  
Delta R.T.: 0.003 min  
Response: 7853069  
Conc: 1.07 ng/ml



#16 4,4'-DDD

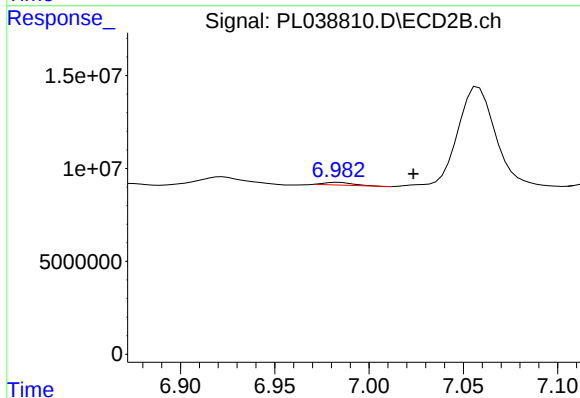
R.T.: 6.696 min  
Delta R.T.: -0.028 min  
Response: 8492664  
Conc: 3.97 ng/ml



#17 4,4'-DDT

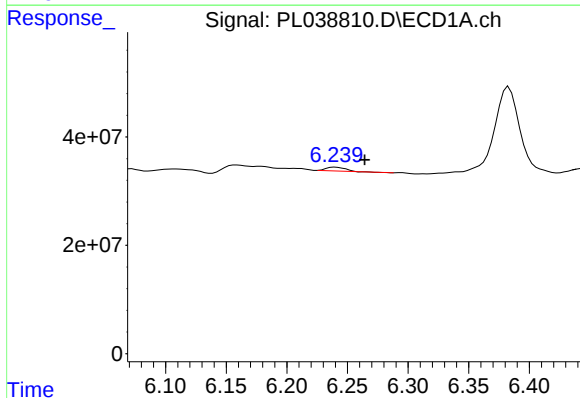
R.T.: 6.159 min  
Delta R.T.: -0.032 min  
Response: 5226328  
Conc: 0.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



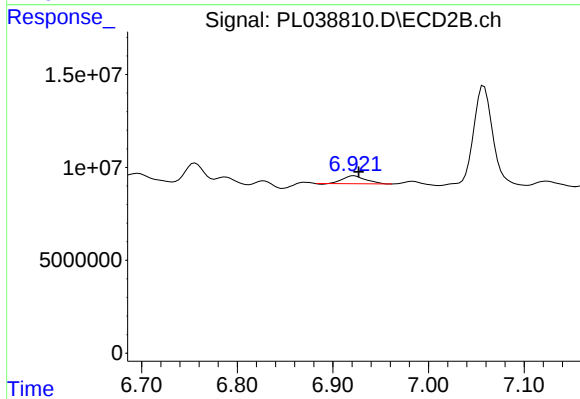
#17 4,4'-DDT

R.T.: 6.984 min  
Delta R.T.: -0.040 min  
Response: 1606221  
Conc: 0.75 ng/ml



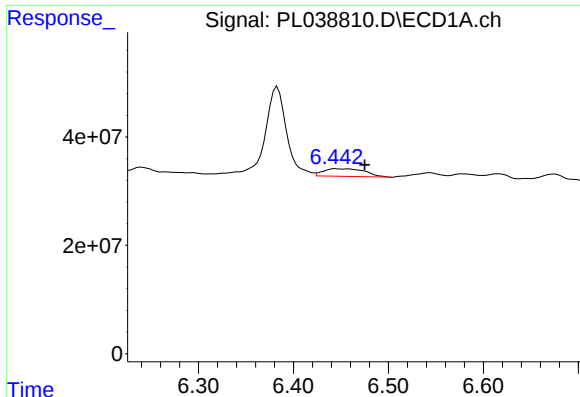
#18 Endrin aldehyde

R.T.: 6.240 min  
Delta R.T.: -0.024 min  
Response: 7690928  
Conc: 1.21 ng/ml



#18 Endrin aldehyde

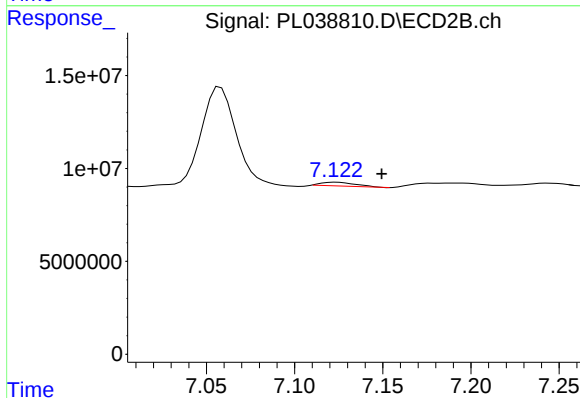
R.T.: 6.922 min  
Delta R.T.: -0.005 min  
Response: 7007599  
Conc: 3.59 ng/ml



#19 Endosulfan Sulfate

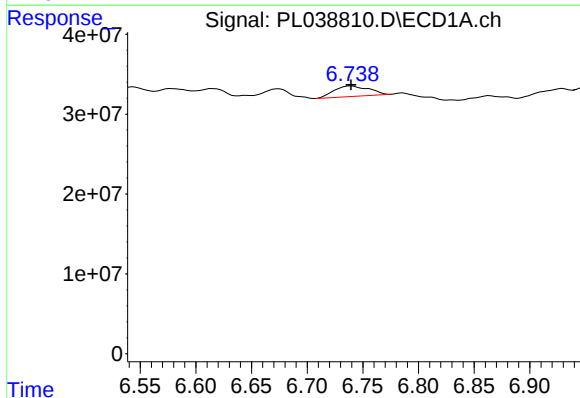
R.T.: 6.444 min  
Delta R.T.: -0.031 min  
Response: 42761287  
Conc: 5.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



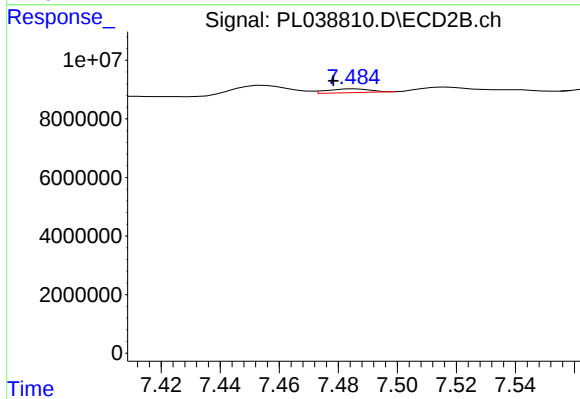
#19 Endosulfan Sulfate

R.T.: 7.124 min  
Delta R.T.: -0.026 min  
Response: 2769556  
Conc: 1.27 ng/ml



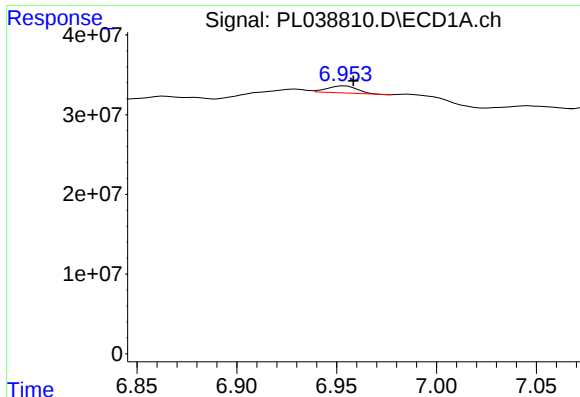
#20 Methoxychlor

R.T.: 6.740 min  
Delta R.T.: 0.000 min  
Response: 28399909  
Conc: 7.38 ng/ml



#20 Methoxychlor

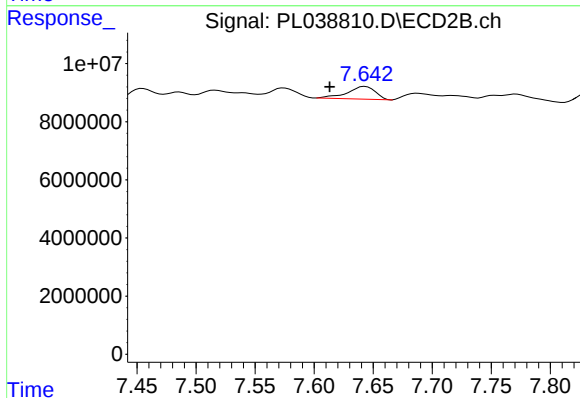
R.T.: 7.486 min  
Delta R.T.: 0.007 min  
Response: 1262516  
Conc: 1.11 ng/ml



#21 Endrin ketone

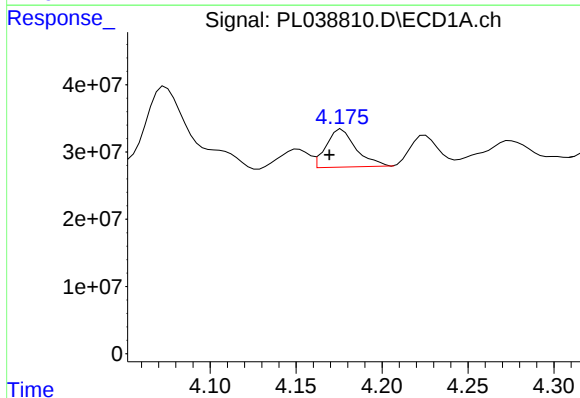
R.T.: 6.954 min  
Delta R.T.: -0.004 min  
Response: 9289988  
Conc: 1.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



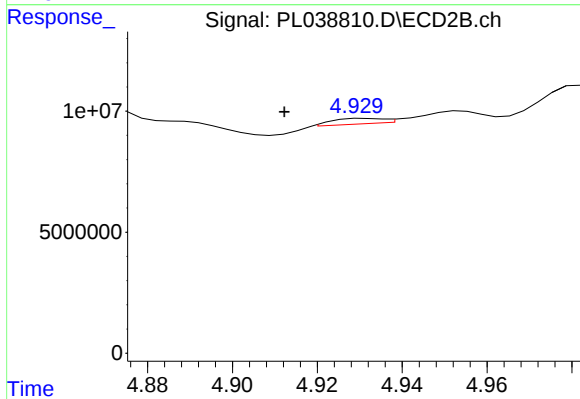
#21 Endrin ketone

R.T.: 7.643 min  
Delta R.T.: 0.030 min  
Response: 7204062  
Conc: 3.02 ng/ml



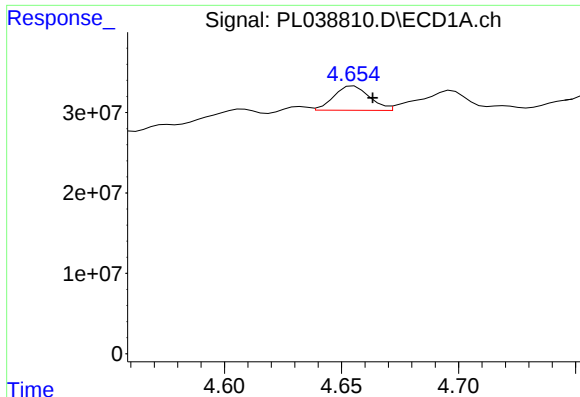
#23 Chlordane-1

R.T.: 4.177 min  
Delta R.T.: 0.007 min  
Response: 68308159  
Conc: 197.28 ng/ml



#23 Chlordane-1

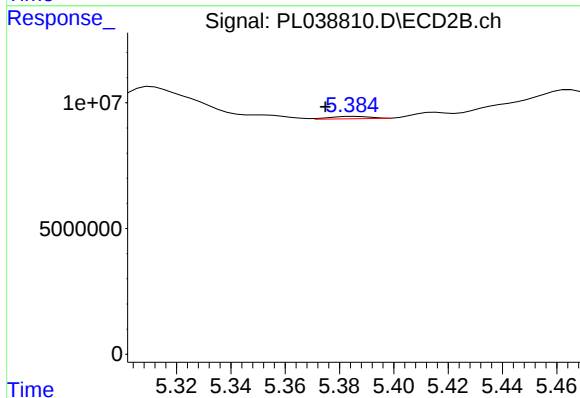
R.T.: 4.931 min  
Delta R.T.: 0.019 min  
Response: 1837642  
Conc: 15.86 ng/ml



#24 Chlordane-2

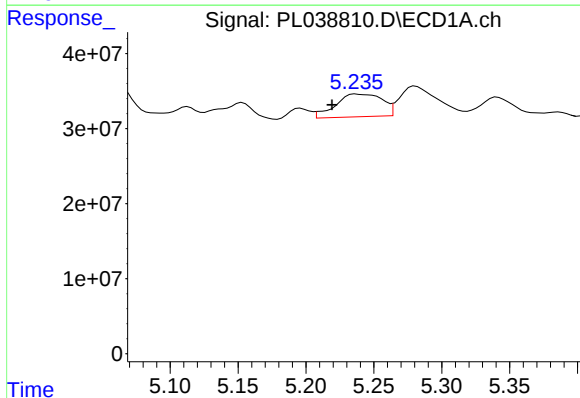
R.T.: 4.655 min  
Delta R.T.: -0.008 min  
Response: 32081844  
Conc: 86.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



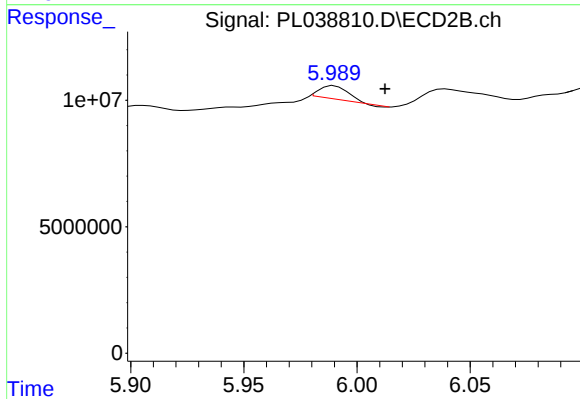
#24 Chlordane-2

R.T.: 5.386 min  
Delta R.T.: 0.011 min  
Response: 930883  
Conc: 7.77 ng/ml



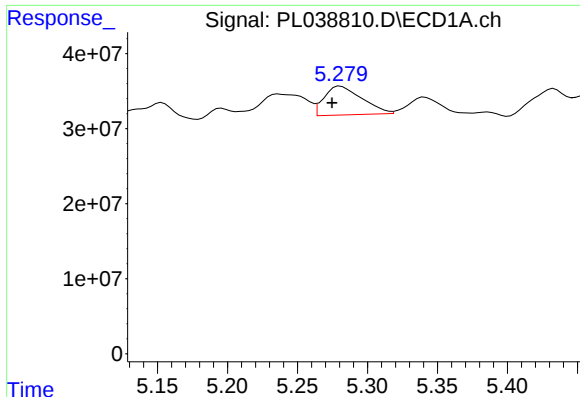
#25 Chlordane-3

R.T.: 5.237 min  
Delta R.T.: 0.018 min  
Response: 72126495  
Conc: 62.00 ng/ml



#25 Chlordane-3

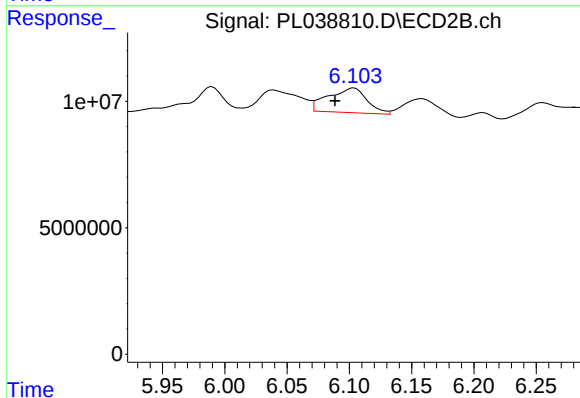
R.T.: 5.990 min  
Delta R.T.: -0.022 min  
Response: 4519831  
Conc: 11.08 ng/ml



#26 Chlordane-4

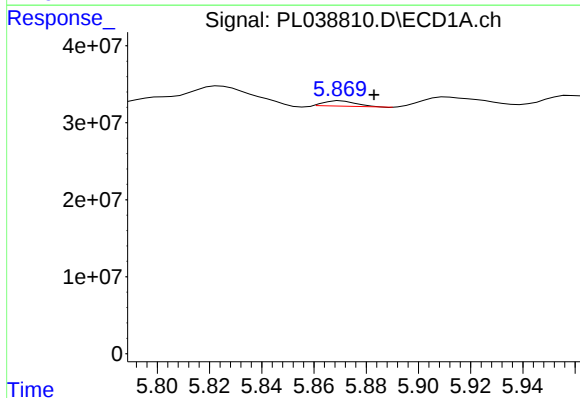
R.T.: 5.281 min  
Delta R.T.: 0.006 min  
Response: 71850427  
Conc: 68.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



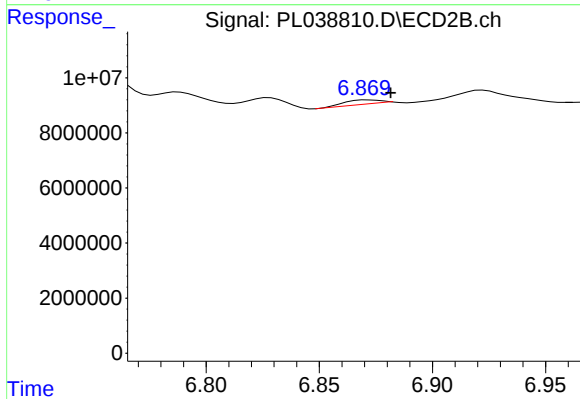
#26 Chlordane-4

R.T.: 6.104 min  
Delta R.T.: 0.016 min  
Response: 21231394  
Conc: 43.21 ng/ml



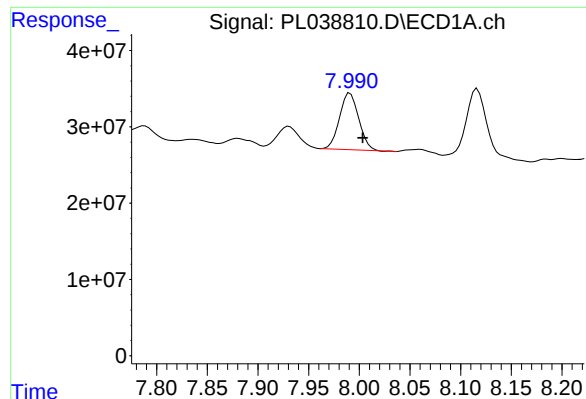
#27 Chlordane-5

R.T.: 5.870 min  
Delta R.T.: -0.013 min  
Response: 5869666  
Conc: 36.65 ng/ml



#27 Chlordane-5

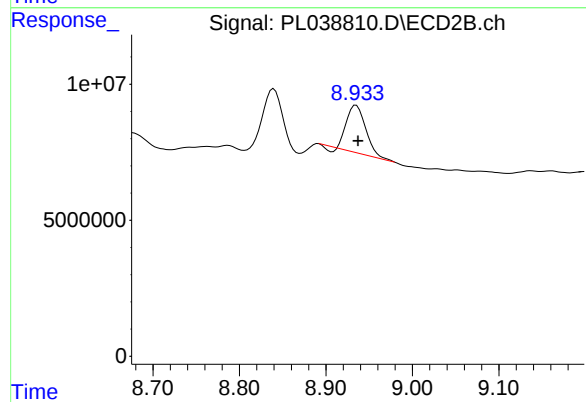
R.T.: 6.872 min  
Delta R.T.: -0.010 min  
Response: 868617  
Conc: 9.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.991 min  
Delta R.T.: -0.013 min  
Response: 98228042  
Conc: 12.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.935 min  
Delta R.T.: -0.002 min  
Response: 25234360  
Conc: 10.32 ng/ml