

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080318\  
 Data File : PL038887.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Aug 2018 16:23  
 Operator : AJ\SJ  
 Sample : J4298-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 04 00:05:53 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... | 3.324  | 3.927  | 83308439 | 28711608 | 11.188  | 10.938   |
| 2)                          | SA Decachlor... | 7.990  | 8.933  | 105.3E6  | 35740586 | 13.882  | 14.621   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 0.000  | 4.338f | 0        | 5789803  | N.D.    | 1.496 #  |
| 3)                          | MA gamma-BHC... | 4.075f | 4.588  | 53822299 | 2482317  | 5.134   | 0.687 #  |
| 4)                          | MA Heptachlor   | 4.311  | 0.000  | 3209640  | 0        | 0.302   | N.D. #   |
| 5)                          | MB Aldrin       | 0.000  | 5.368f | 0        | 1916622  | N.D.    | 0.621 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.975  | 0        | 6773151  | N.D.    | 2.042 #  |
| 8)                          | B Heptachlo...  | 5.042f | 5.770  | 7492120  | 2610126  | 0.795   | 0.918    |
| 9)                          | A Endosulfan I  | 5.347  | 6.169f | 6417503  | 1917141  | 0.742   | 0.745    |
| 10)                         | B gamma-Chl...  | 5.229  | 6.014  | 50990942 | 3197930  | 5.159   | 1.103 #  |
| 11)                         | B alpha-Chl...  | 5.263  | 6.087  | 48247866 | 11406616 | 5.097   | 3.980    |
| 12)                         | B 4,4'-DDE      | 5.434  | 6.237  | 32283437 | 8922910  | 3.367   | 3.337    |
| 13)                         | MA Dieldrin     | 5.558  | 6.381  | 68412356 | 6186098  | 7.119   | 2.273 #  |
| 14)                         | MA Endrin       | 5.815  | 6.595  | 9640207  | 4173530  | 1.110   | 1.748 #  |
| 15)                         | B Endosulfa...  | 6.125  | 6.799  | 10605116 | -1521110 | 1.337   | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.003f | 6.733  | 40992623 | 11259380 | 5.588   | 5.260    |
| 17)                         | MA 4,4'-DDT     | 6.176  | 7.019  | 105.4E6  | 11765592 | 14.182  | 5.518 #  |
| 18)                         | B Endrin al...  | 6.266  | 6.946  | 10795575 | 1460016  | 1.695   | 0.748 #  |
| 19)                         | B Endosulfa...  | 6.486  | 7.131  | 10502127 | 3412700  | 1.390   | 1.566    |
| 20)                         | A Methoxychlor  | 6.702f | 0.000  | 61804930 | 0        | 16.064  | N.D. #   |
| 21)                         | B Endrin ke...  | 6.972  | 7.590  | 12002291 | 5994557  | 1.530   | 2.515 #  |
| 23)                         | Chlordane-1     | 4.172  | 4.912  | 19742863 | 327397   | 57.019  | 2.825 #  |
| 24)                         | Chlordane-2     | 4.657  | 5.368  | 8730180  | 1916622  | 23.588  | 16.005 # |
| 25)                         | Chlordane-3     | 5.229  | 6.014  | 50990942 | 3197930  | 43.832  | 7.840 #  |
| 26)                         | Chlordane-4     | 5.263  | 6.087  | 48247866 | 11406616 | 45.890  | 23.217 # |
| 27)                         | Chlordane-5     | 5.871  | 6.904  | 17576980 | -138155  | 109.765 | N.D. #   |
| -----                       |                 |        |        |          |          |         |          |

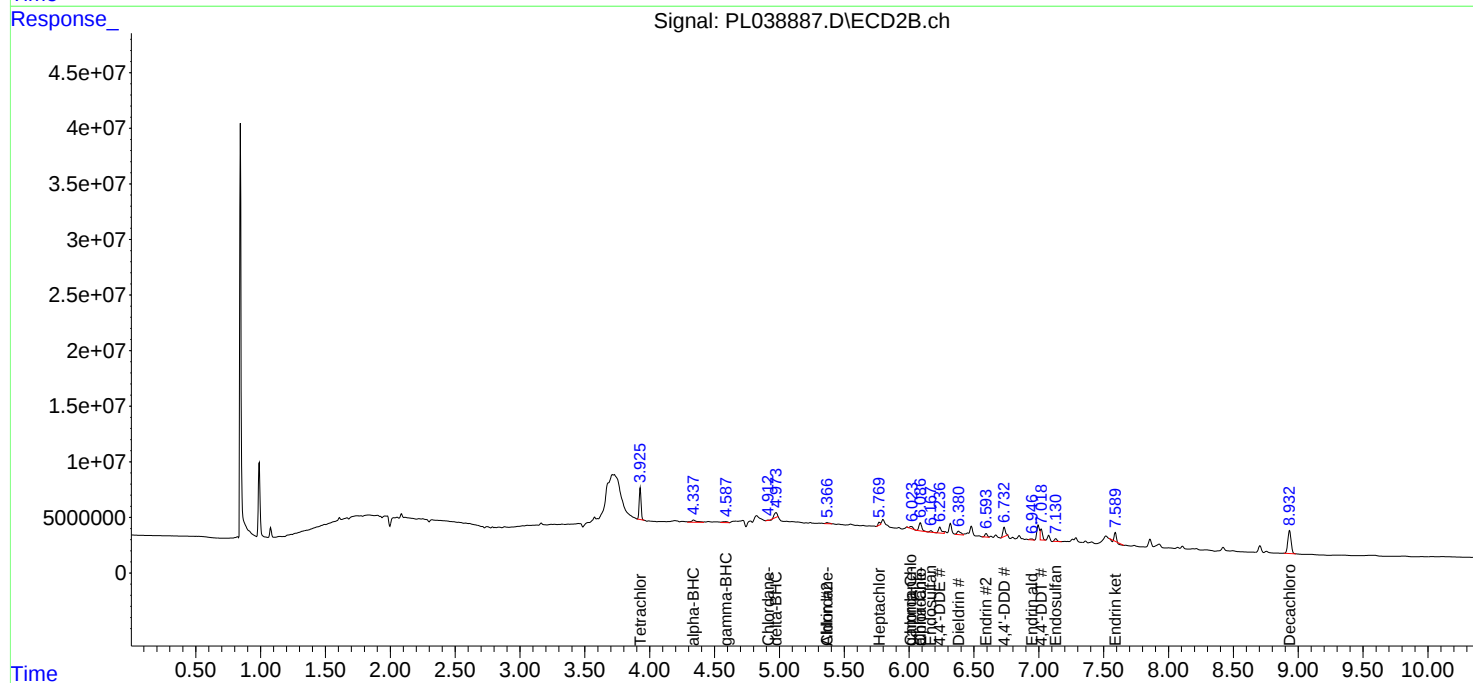
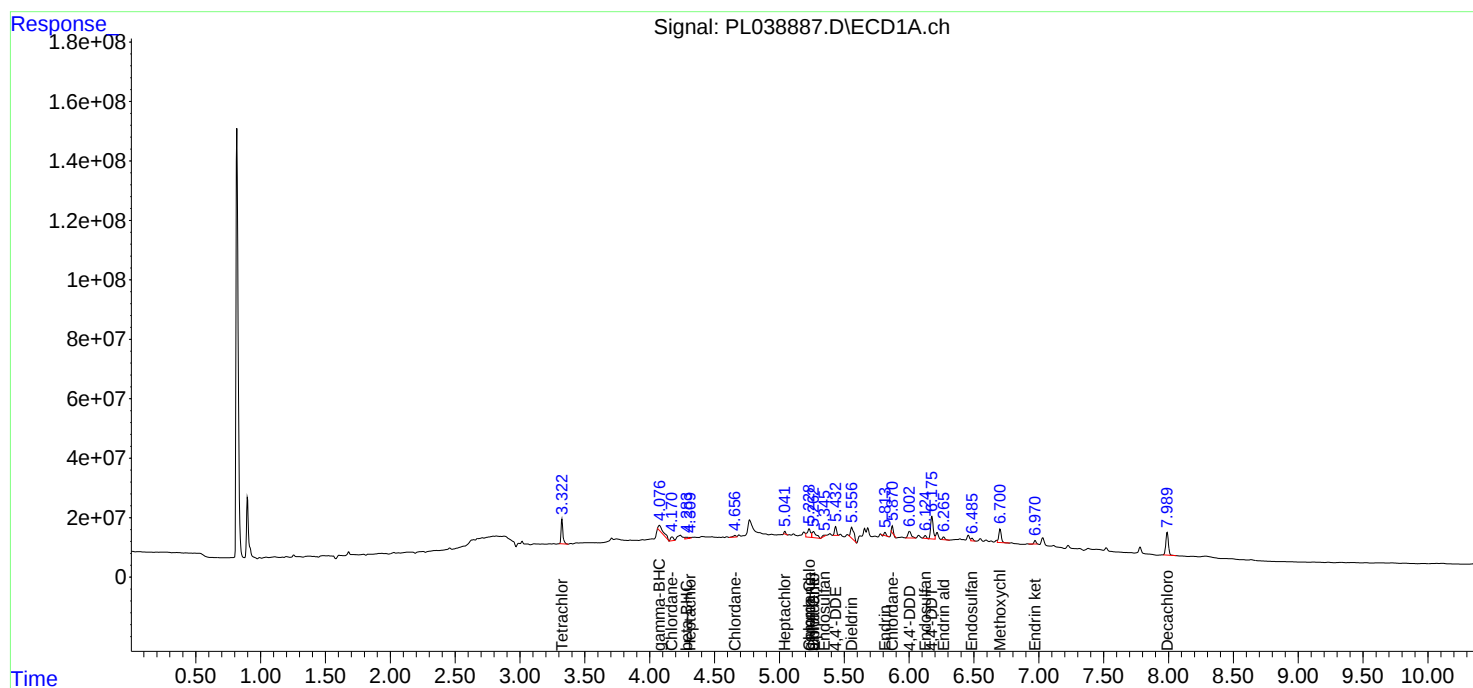
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

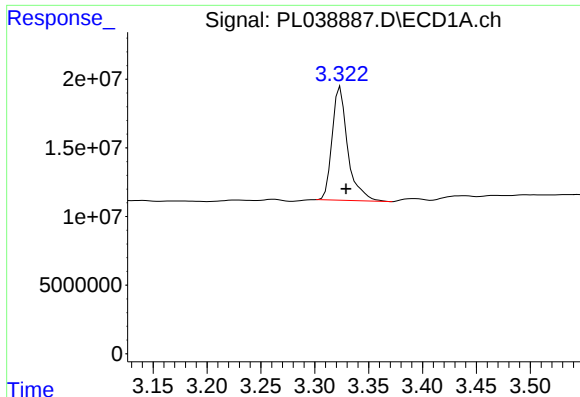
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080318\  
Data File : PL038887.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Aug 2018 16:23  
Operator : AJ\SJ  
Sample : J4298-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 04 00:05:53 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL071318.M  
Quant Title : GC Extractables  
QLast Update : Sat Jul 14 00:12:12 2018  
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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

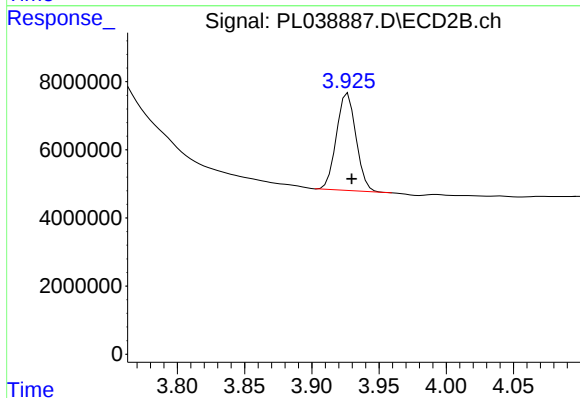




#1 Tetrachloro-m-xylene

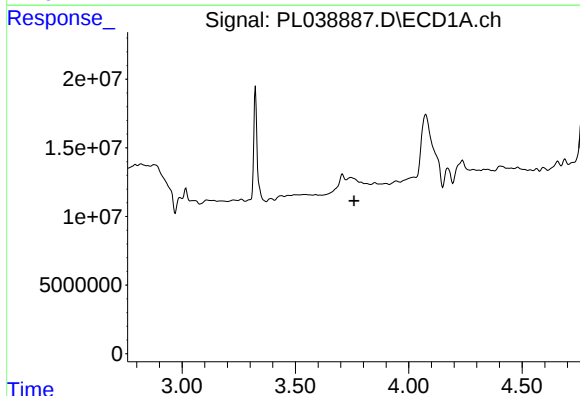
R.T.: 3.324 min  
Delta R.T.: -0.005 min  
Response: 83308439  
Conc: 11.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



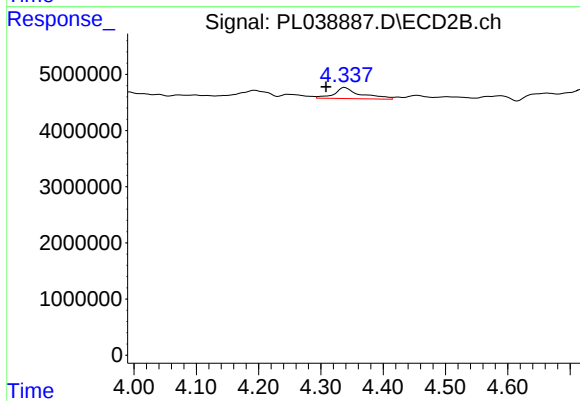
#1 Tetrachloro-m-xylene

R.T.: 3.927 min  
Delta R.T.: -0.003 min  
Response: 28711608  
Conc: 10.94 ng/ml



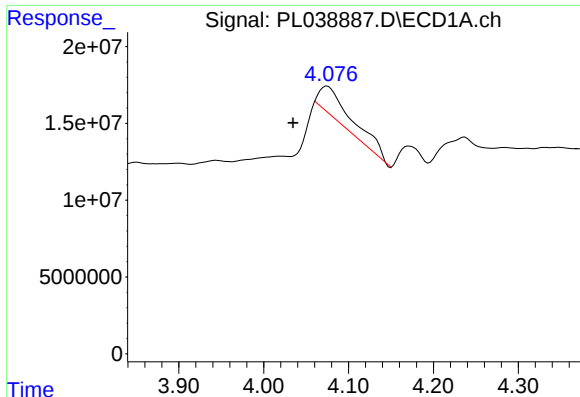
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.758 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

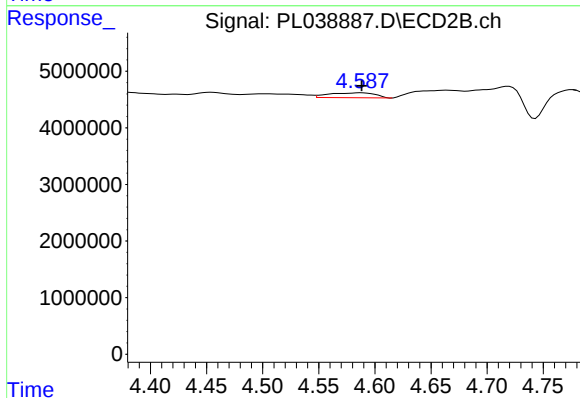
R.T.: 4.338 min  
Delta R.T.: 0.030 min  
Response: 5789803  
Conc: 1.50 ng/ml



#3 gamma-BHC (Lindane)

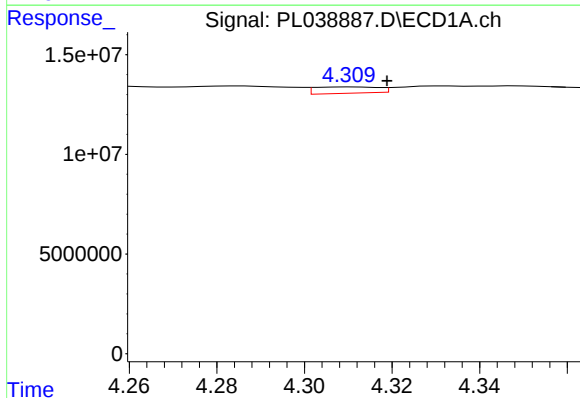
R.T.: 4.075 min  
Delta R.T.: 0.040 min  
Response: 53822299  
Conc: 5.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



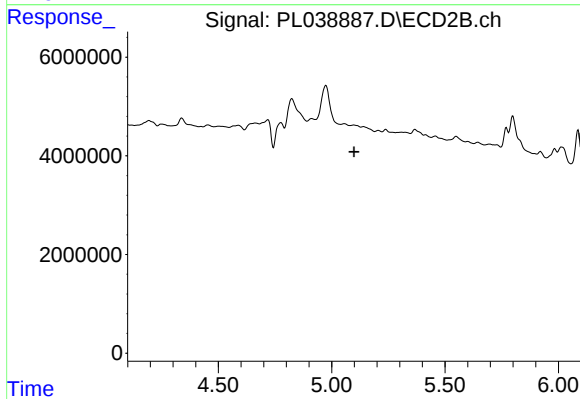
#3 gamma-BHC (Lindane)

R.T.: 4.588 min  
Delta R.T.: 0.000 min  
Response: 2482317  
Conc: 0.69 ng/ml



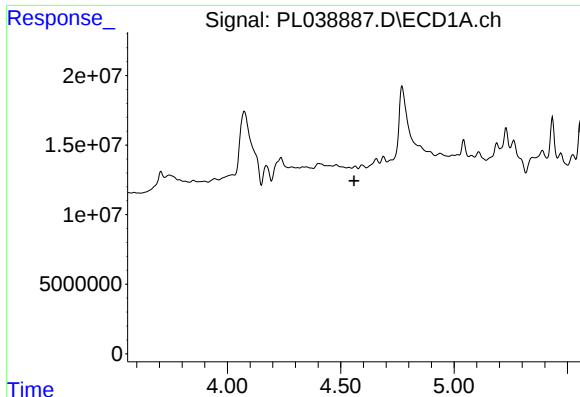
#4 Heptachlor

R.T.: 4.311 min  
Delta R.T.: -0.008 min  
Response: 3209640  
Conc: 0.30 ng/ml



#4 Heptachlor

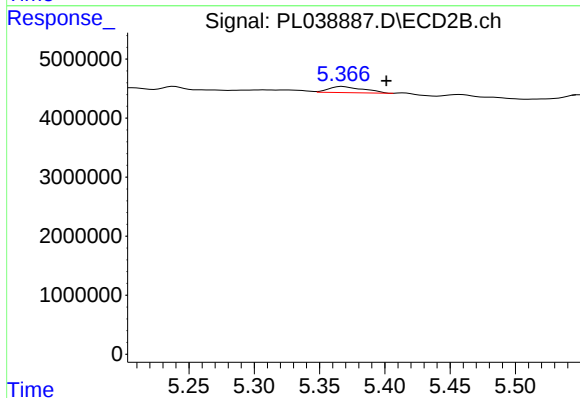
R.T.: 0.000 min  
Exp R.T.: 5.099 min  
Response: 0  
Conc: N.D.



#5 Aldrin

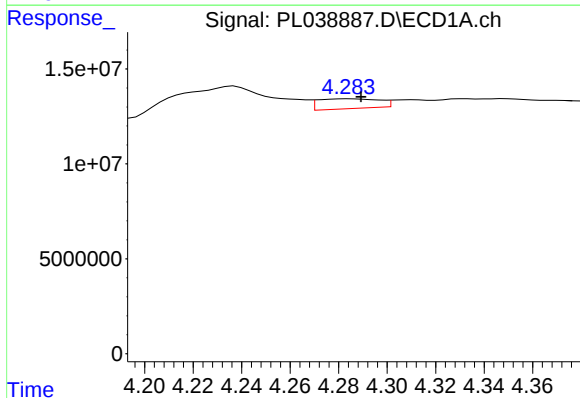
R.T.: 0.000 min  
Exp R.T.: 4.558 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



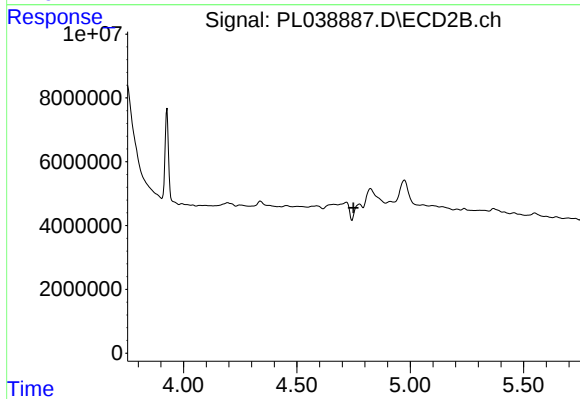
#5 Aldrin

R.T.: 5.368 min  
Delta R.T.: -0.034 min  
Response: 1916622  
Conc: 0.62 ng/ml



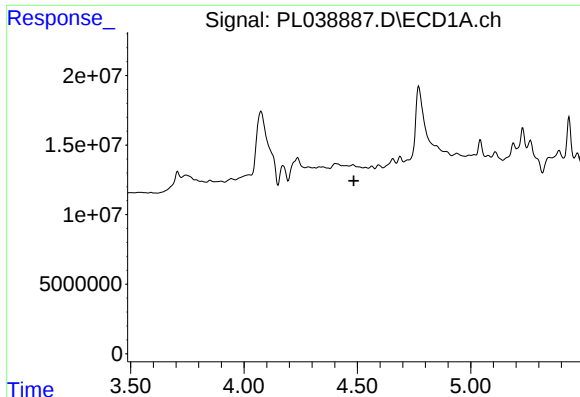
#6 beta-BHC

R.T.: 4.285 min  
Delta R.T.: -0.005 min  
Response: 9016643  
Conc: 1.91 ng/ml



#6 beta-BHC

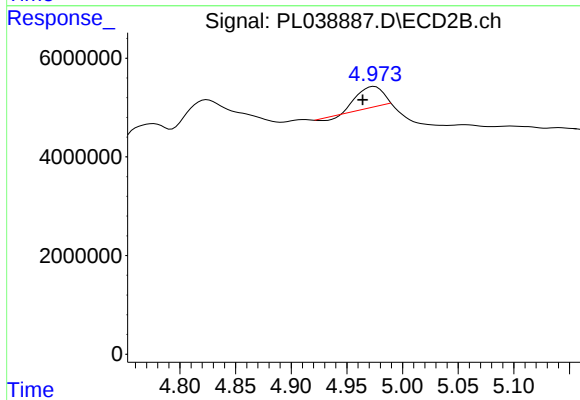
R.T.: 4.776 min  
Delta R.T.: 0.026 min  
Response: -6445819  
Conc: N.D.



#7 delta-BHC

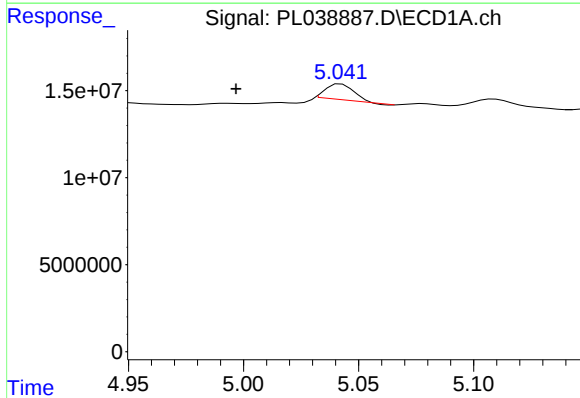
R.T.: 0.000 min  
Exp R.T.: 4.484 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



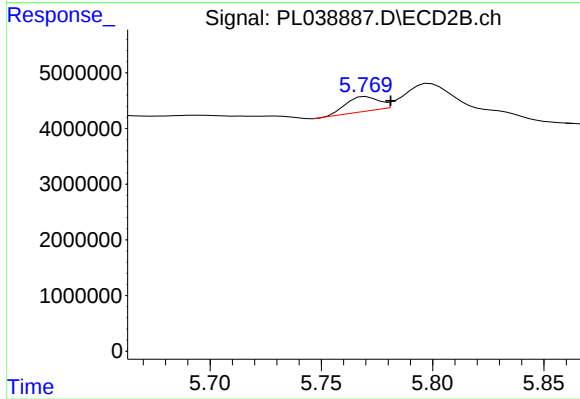
#7 delta-BHC

R.T.: 4.975 min  
Delta R.T.: 0.010 min  
Response: 6773151  
Conc: 2.04 ng/ml



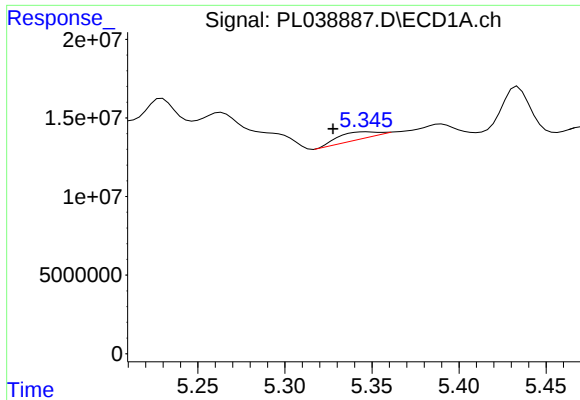
#8 Heptachlor epoxide

R.T.: 5.042 min  
Delta R.T.: 0.046 min  
Response: 7492120  
Conc: 0.79 ng/ml



#8 Heptachlor epoxide

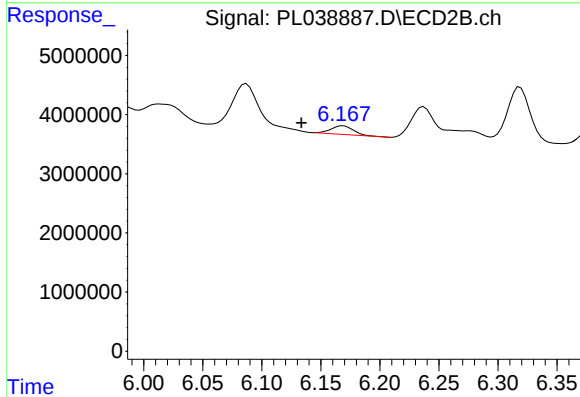
R.T.: 5.770 min  
Delta R.T.: -0.011 min  
Response: 2610126  
Conc: 0.92 ng/ml



#9 Endosulfan I

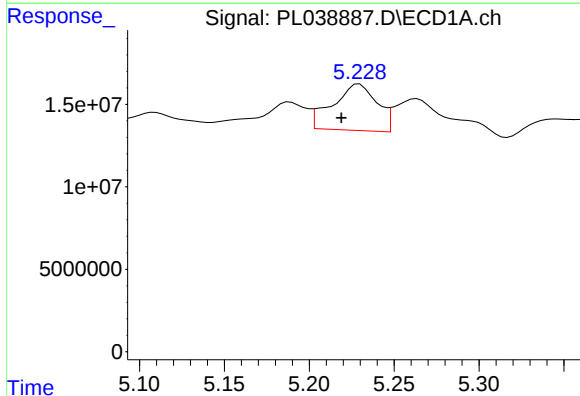
R.T.: 5.347 min  
Delta R.T.: 0.019 min  
Response: 6417503  
Conc: 0.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



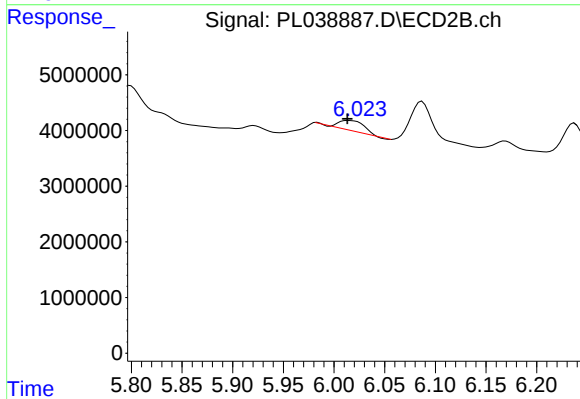
#9 Endosulfan I

R.T.: 6.169 min  
Delta R.T.: 0.035 min  
Response: 1917141  
Conc: 0.75 ng/ml



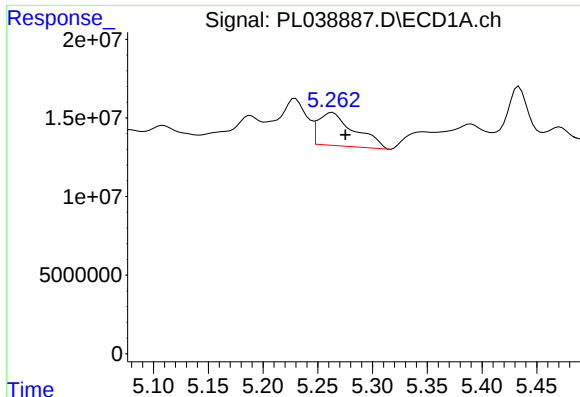
#10 gamma-Chlordane

R.T.: 5.229 min  
Delta R.T.: 0.010 min  
Response: 50990942  
Conc: 5.16 ng/ml



#10 gamma-Chlordane

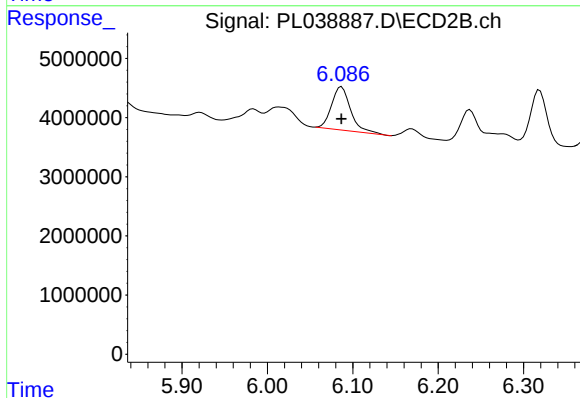
R.T.: 6.014 min  
Delta R.T.: 0.000 min  
Response: 3197930  
Conc: 1.10 ng/ml



#11 alpha-Chlordane

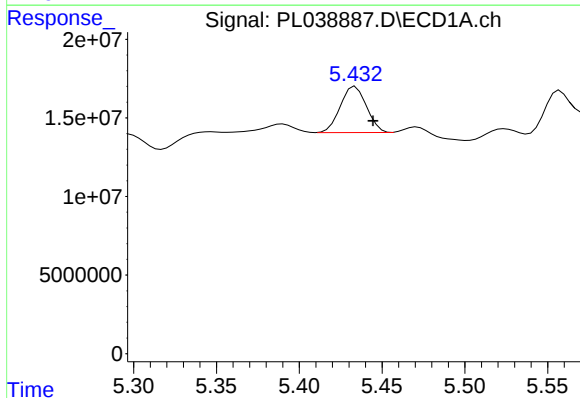
R.T.: 5.263 min  
Delta R.T.: -0.012 min  
Response: 48247866  
Conc: 5.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



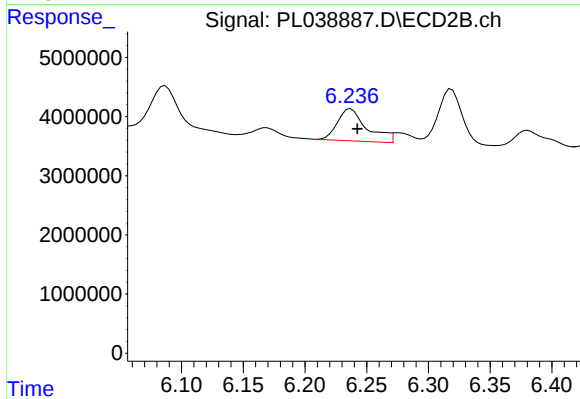
#11 alpha-Chlordane

R.T.: 6.087 min  
Delta R.T.: 0.000 min  
Response: 11406616  
Conc: 3.98 ng/ml



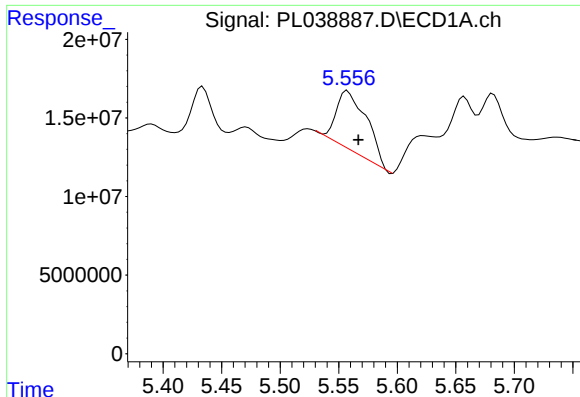
#12 4,4'-DDE

R.T.: 5.434 min  
Delta R.T.: -0.011 min  
Response: 32283437  
Conc: 3.37 ng/ml



#12 4,4'-DDE

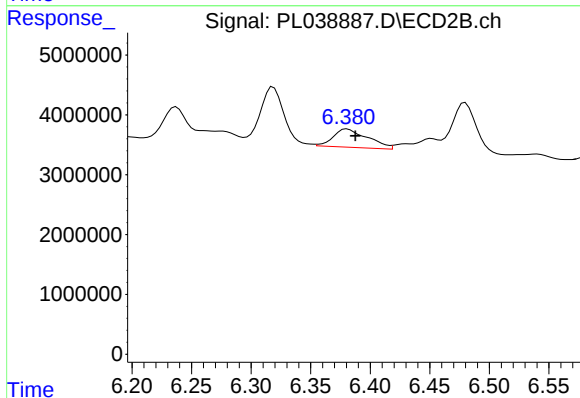
R.T.: 6.237 min  
Delta R.T.: -0.005 min  
Response: 8922910  
Conc: 3.34 ng/ml



#13 Dieldrin

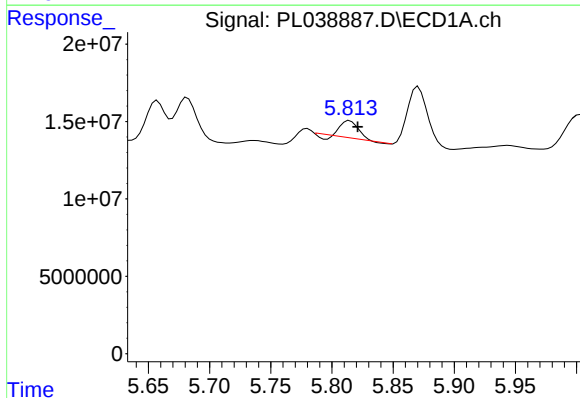
R.T.: 5.558 min  
Delta R.T.: -0.009 min  
Response: 68412356  
Conc: 7.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



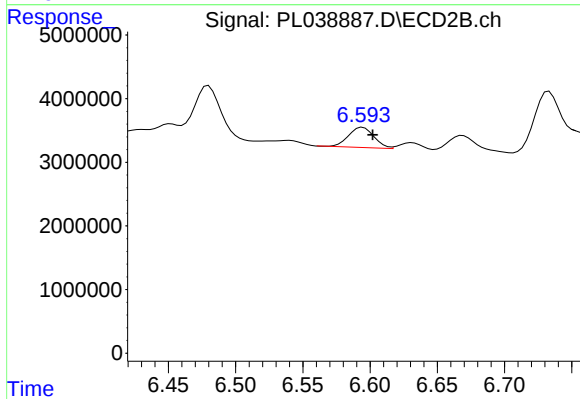
#13 Dieldrin

R.T.: 6.381 min  
Delta R.T.: -0.007 min  
Response: 6186098  
Conc: 2.27 ng/ml



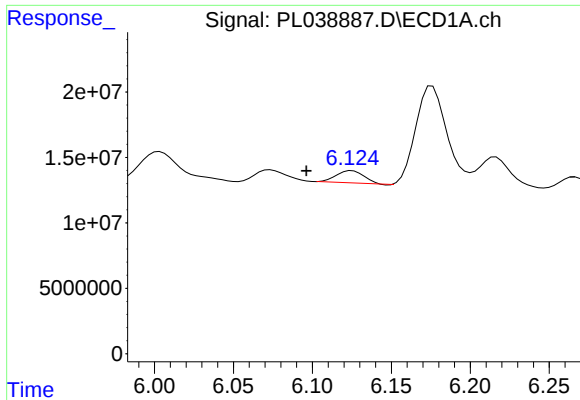
#14 Endrin

R.T.: 5.815 min  
Delta R.T.: -0.007 min  
Response: 9640207  
Conc: 1.11 ng/ml



#14 Endrin

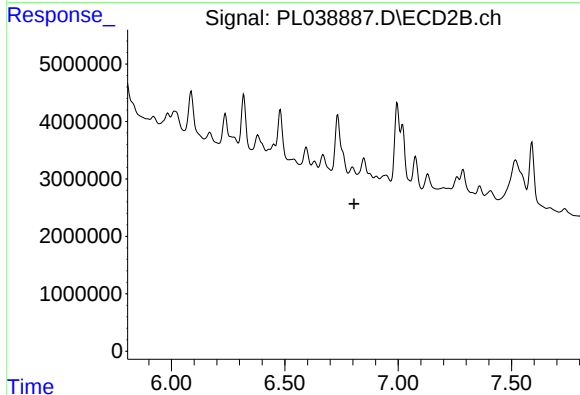
R.T.: 6.595 min  
Delta R.T.: -0.007 min  
Response: 4173530  
Conc: 1.75 ng/ml



#15 Endosulfan II

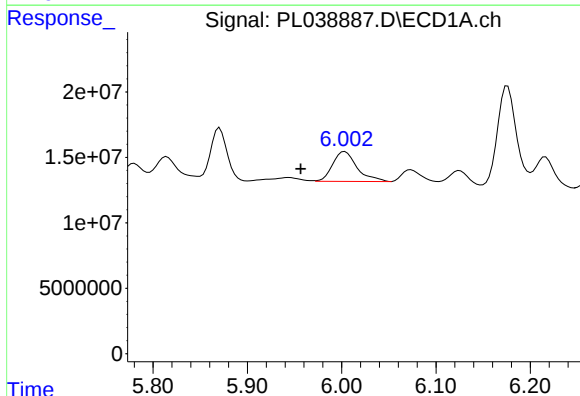
R.T.: 6.125 min  
Delta R.T.: 0.029 min  
Response: 10605116  
Conc: 1.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



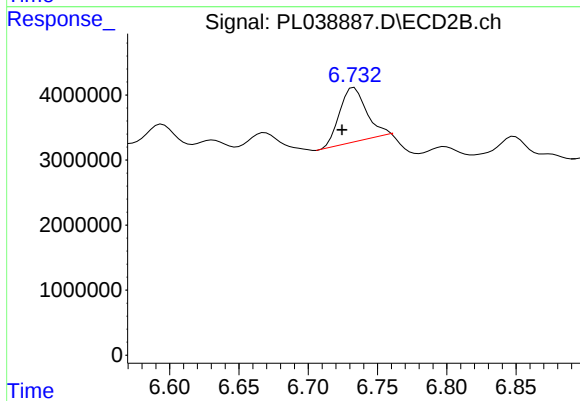
#15 Endosulfan II

R.T.: 6.799 min  
Delta R.T.: -0.007 min  
Response: -1521110  
Conc: N.D.



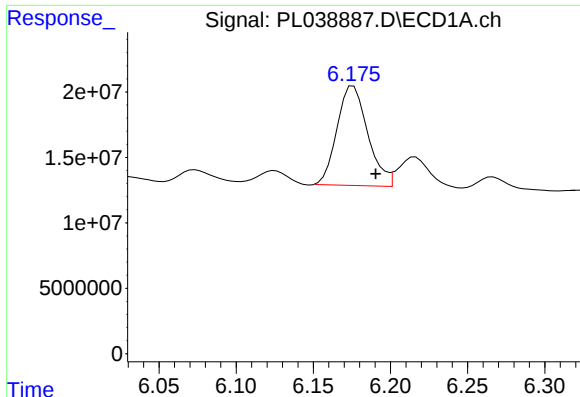
#16 4,4'-DDD

R.T.: 6.003 min  
Delta R.T.: 0.047 min  
Response: 40992623  
Conc: 5.59 ng/ml



#16 4,4'-DDD

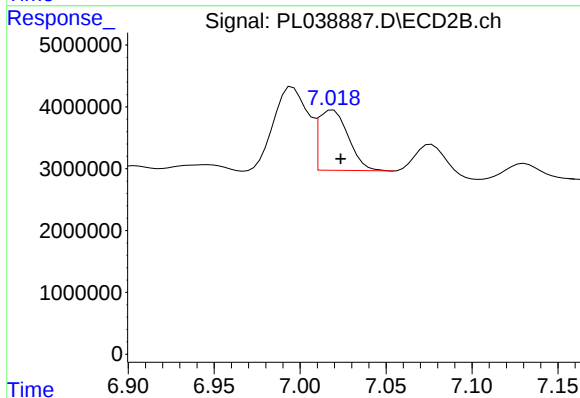
R.T.: 6.733 min  
Delta R.T.: 0.009 min  
Response: 11259380  
Conc: 5.26 ng/ml



#17 4,4'-DDT

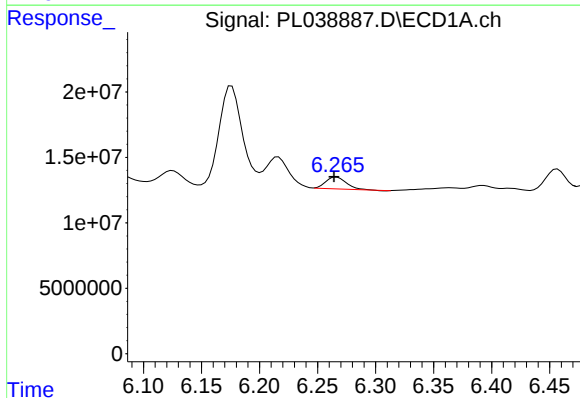
R.T.: 6.176 min  
Delta R.T.: -0.015 min  
Response: 105350227  
Conc: 14.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



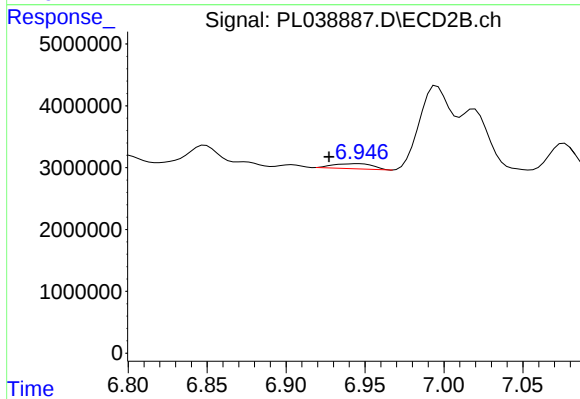
#17 4,4'-DDT

R.T.: 7.019 min  
Delta R.T.: -0.005 min  
Response: 11765592  
Conc: 5.52 ng/ml



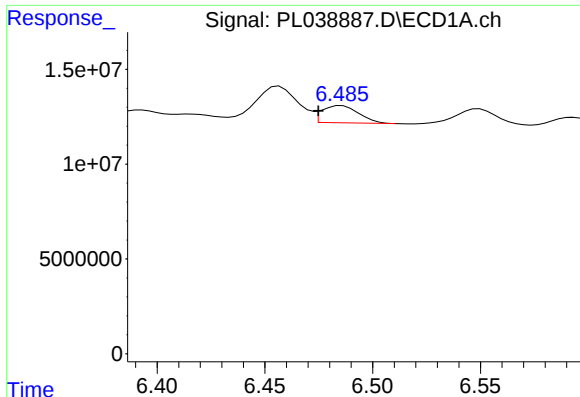
#18 Endrin aldehyde

R.T.: 6.266 min  
Delta R.T.: 0.002 min  
Response: 10795575  
Conc: 1.70 ng/ml



#18 Endrin aldehyde

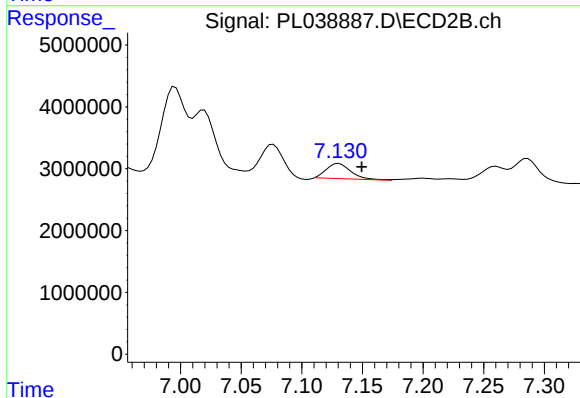
R.T.: 6.946 min  
Delta R.T.: 0.019 min  
Response: 1460016  
Conc: 0.75 ng/ml



#19 Endosulfan Sulfate

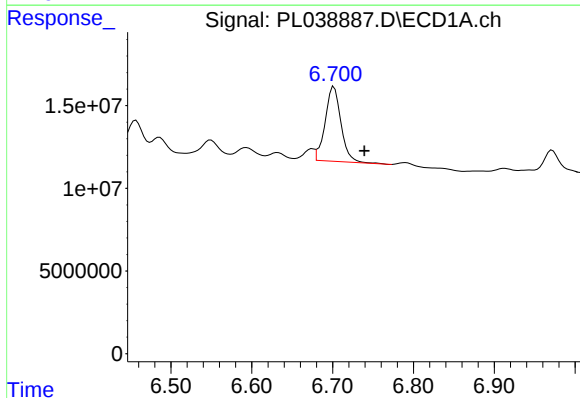
R.T.: 6.486 min  
Delta R.T.: 0.011 min  
Response: 10502127  
Conc: 1.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



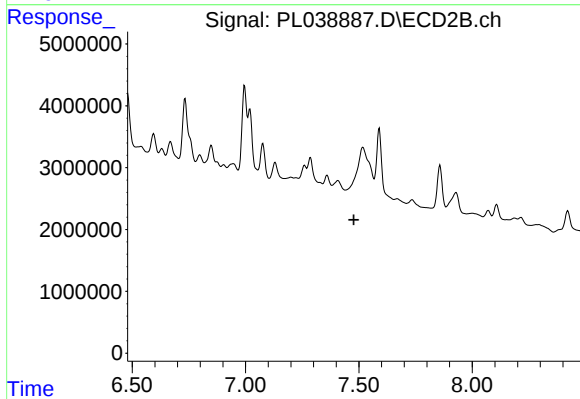
#19 Endosulfan Sulfate

R.T.: 7.131 min  
Delta R.T.: -0.019 min  
Response: 3412700  
Conc: 1.57 ng/ml



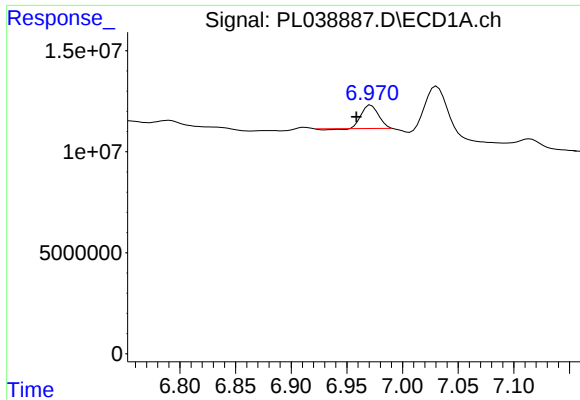
#20 Methoxychlor

R.T.: 6.702 min  
Delta R.T.: -0.038 min  
Response: 61804930  
Conc: 16.06 ng/ml



#20 Methoxychlor

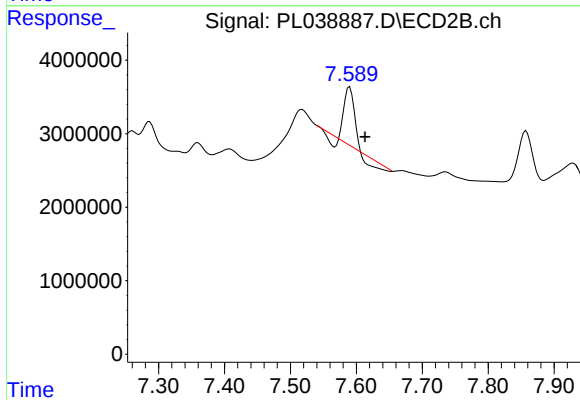
R.T.: 0.000 min  
Exp R.T.: 7.478 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

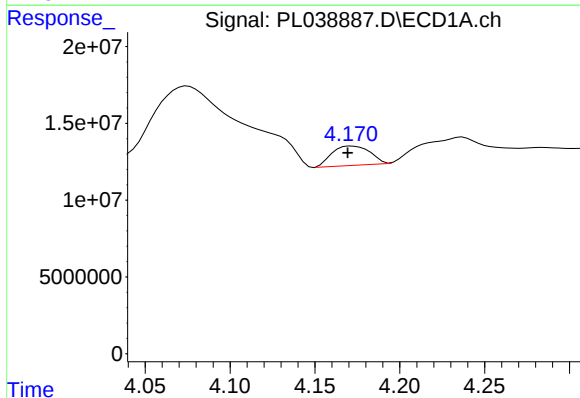
R.T.: 6.972 min  
Delta R.T.: 0.013 min  
Response: 12002291  
Conc: 1.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



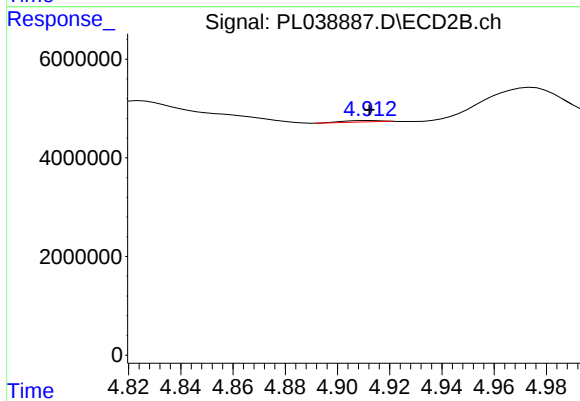
#21 Endrin ketone

R.T.: 7.590 min  
Delta R.T.: -0.023 min  
Response: 5994557  
Conc: 2.51 ng/ml



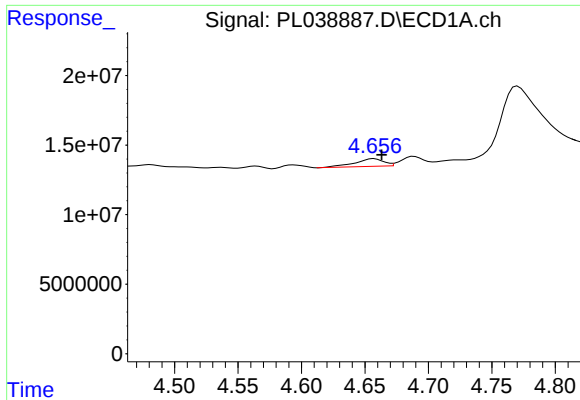
#23 Chlordane-1

R.T.: 4.172 min  
Delta R.T.: 0.002 min  
Response: 19742863  
Conc: 57.02 ng/ml



#23 Chlordane-1

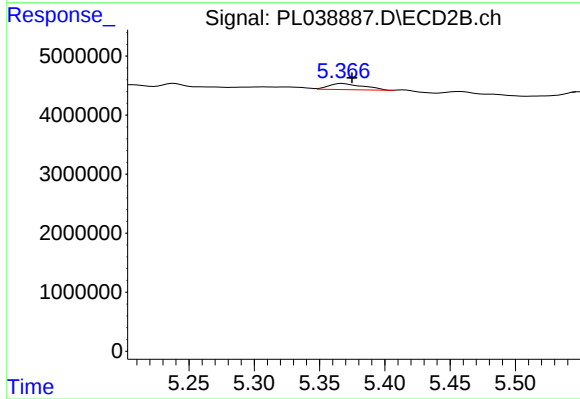
R.T.: 4.912 min  
Delta R.T.: 0.000 min  
Response: 327397  
Conc: 2.83 ng/ml



#24 Chlordane-2

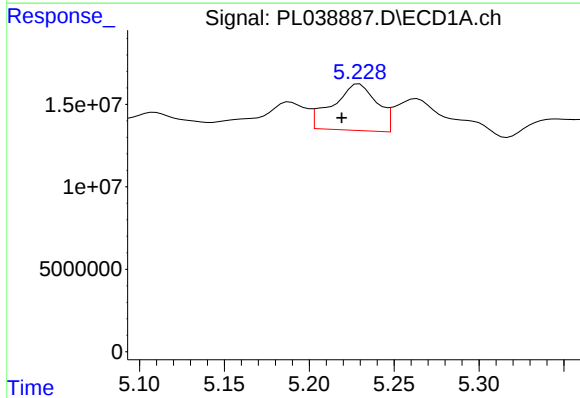
R.T.: 4.657 min  
Delta R.T.: -0.006 min  
Response: 8730180  
Conc: 23.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



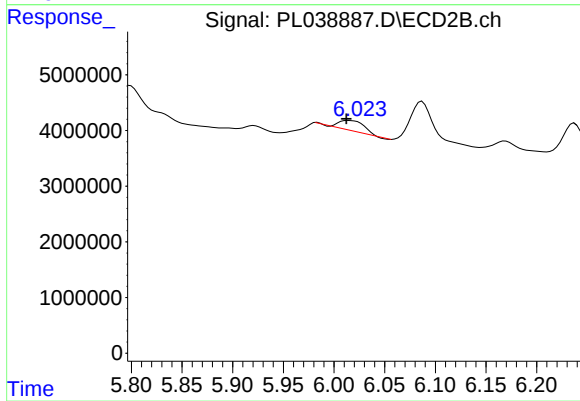
#24 Chlordane-2

R.T.: 5.368 min  
Delta R.T.: -0.007 min  
Response: 1916622  
Conc: 16.01 ng/ml



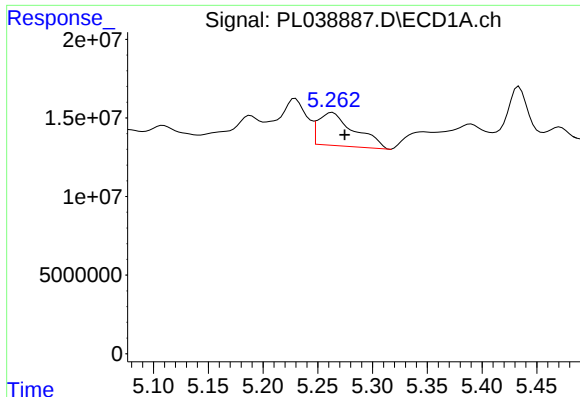
#25 Chlordane-3

R.T.: 5.229 min  
Delta R.T.: 0.010 min  
Response: 50990942  
Conc: 43.83 ng/ml



#25 Chlordane-3

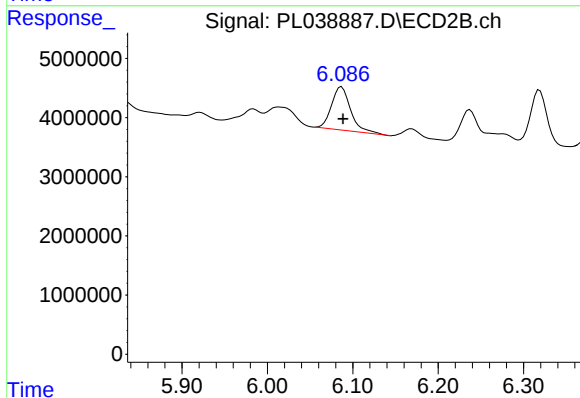
R.T.: 6.014 min  
Delta R.T.: 0.001 min  
Response: 3197930  
Conc: 7.84 ng/ml



#26 Chlordane-4

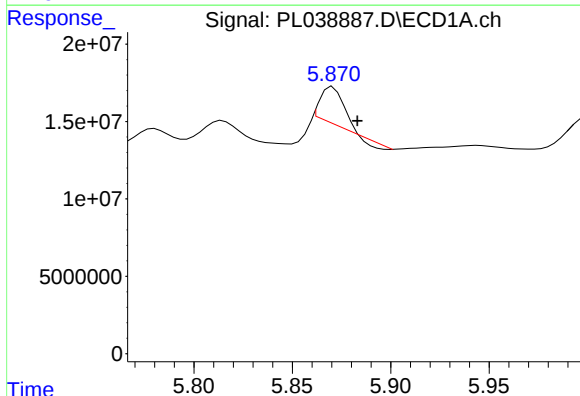
R.T.: 5.263 min  
Delta R.T.: -0.011 min  
Response: 48247866  
Conc: 45.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



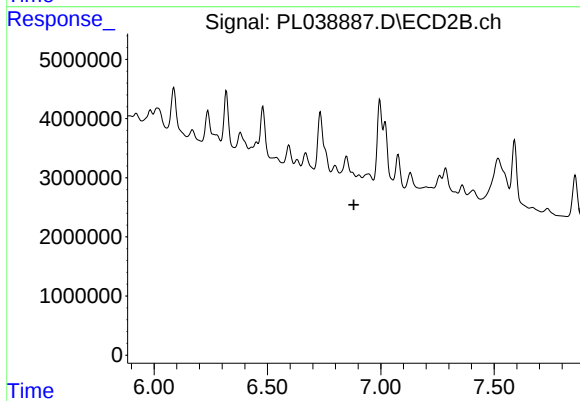
#26 Chlordane-4

R.T.: 6.087 min  
Delta R.T.: -0.002 min  
Response: 11406616  
Conc: 23.22 ng/ml



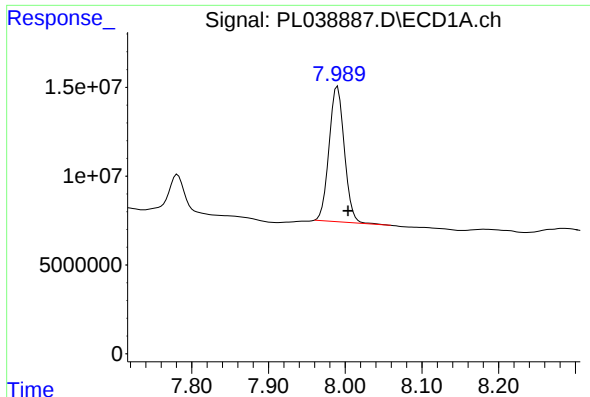
#27 Chlordane-5

R.T.: 5.871 min  
Delta R.T.: -0.012 min  
Response: 17576980  
Conc: 109.76 ng/ml



#27 Chlordane-5

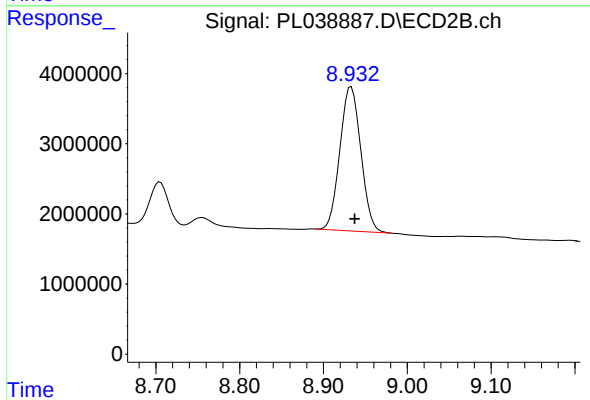
R.T.: 6.904 min  
Delta R.T.: 0.022 min  
Response: -138155  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.990 min  
Delta R.T.: -0.014 min  
Response: 105306877  
Conc: 13.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.933 min  
Delta R.T.: -0.004 min  
Response: 35740586  
Conc: 14.62 ng/ml