

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080218\  
 Data File : PL038862.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Aug 2018 02:16  
 Operator : AJ\SJ  
 Sample : J4262-01  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 03 04:01:13 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

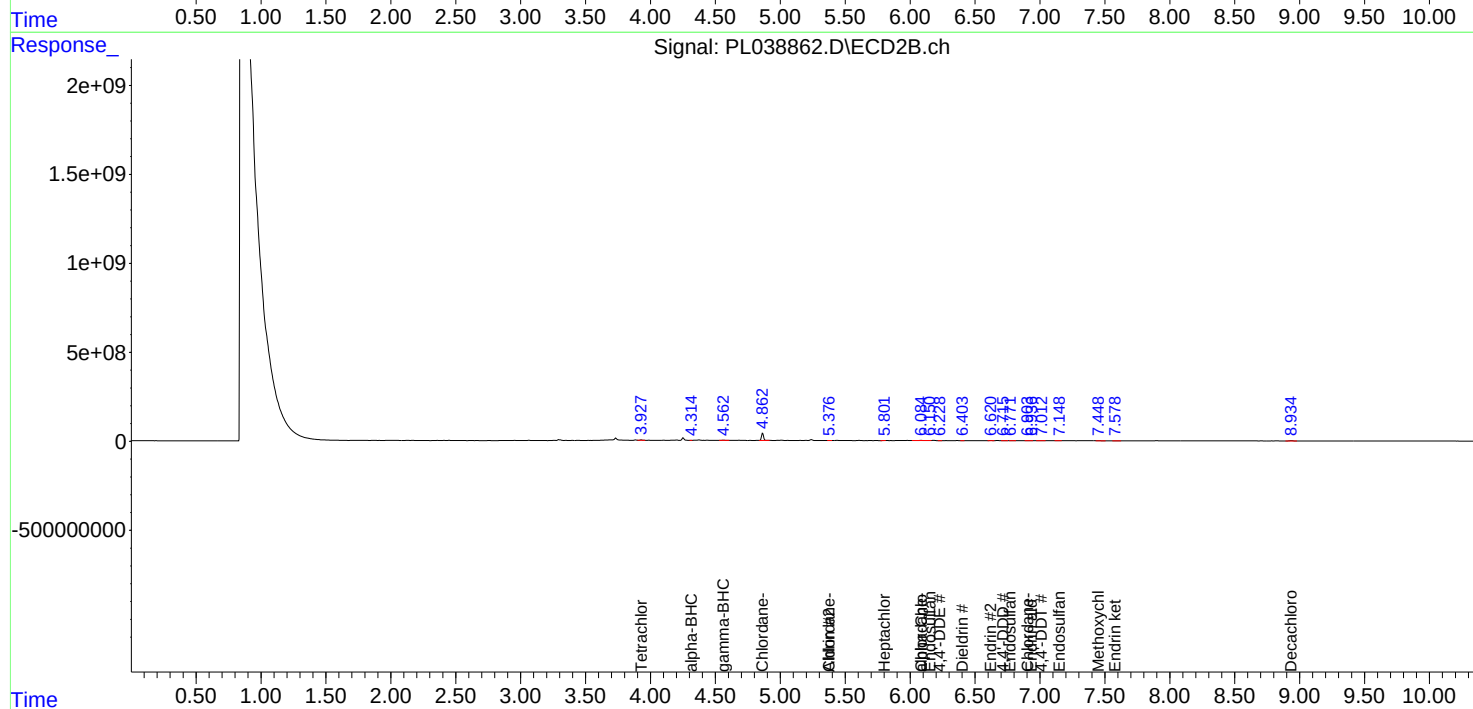
Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

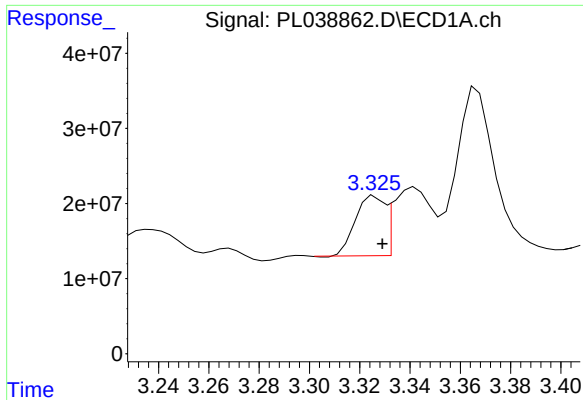
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|------------|
| -----                       |                 |        |       |          |          |         |            |
| System Monitoring Compounds |                 |        |       |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.326  | 3.928 | 64214559 | 27687019 | 8.624   | 10.548     |
| 28)                         | SA Decachlor... | 7.992  | 8.935 | 72621429 | 26698266 | 9.573   | 10.922     |
| Target Compounds            |                 |        |       |          |          |         |            |
| 3)                          | MA gamma-BHC... | 4.037  | 4.563 | 66081965 | 22334478 | 6.303   | 6.184      |
| 4)                          | MA Heptachlor   | 4.314  | 5.087 | 9586722  | -795137  | 0.901   | N.D. #     |
| 5)                          | MB Aldrin       | 4.546  | 5.377 | 24005709 | 3473011  | 2.293   | 1.125 #    |
| 6)                          | B beta-BHC      | 4.269  | 4.768 | 90201993 | -1806089 | 19.109  | N.D. #     |
| 7)                          | B delta-BHC     | 4.454f | 4.981 | 182.0E6  | -3344364 | 16.769  | N.D. #     |
| 8)                          | B Heptachlo...  | 4.979  | 5.804 | 43681915 | 647897   | 4.633   | 0.228 #    |
| 9)                          | A Endosulfan I  | 5.336  | 6.151 | 18547912 | 16433292 | 2.144   | 6.390 #    |
| 10)                         | B gamma-Chl...  | 5.229  | 0.000 | 17027085 | 0        | 1.723   | N.D. #     |
| 11)                         | B alpha-Chl...  | 5.275  | 6.085 | 24343804 | 21566458 | 2.572   | 7.524 #    |
| 12)                         | B 4,4'-DDE      | 5.489f | 6.228 | 5085239  | 765503   | 0.530   | 0.286 #    |
| 13)                         | MA Dieldrin     | 5.554  | 6.404 | 27935584 | 2363763  | 2.907   | 0.868 #    |
| 14)                         | MA Endrin       | 5.781f | 6.621 | 2812833  | 16379464 | 0.324   | 6.859 #    |
| 15)                         | B Endosulfa...  | 6.106  | 6.771 | 12269096 | 1393048  | 1.547   | 0.580 #    |
| 16)                         | A 4,4'-DDD      | 5.949  | 6.716 | 7342230  | 3218635  | 1.001   | 1.504 #    |
| 17)                         | MA 4,4'-DDT     | 6.176  | 7.013 | 222.1E6  | 4563107  | 29.892  | 2.140 #    |
| 18)                         | B Endrin al...  | 6.279  | 6.937 | 8620293  | 2183241  | 1.354   | 1.119      |
| 19)                         | B Endosulfa...  | 6.407f | 7.150 | 21878596 | 755515   | 2.897   | 0.347 #    |
| 20)                         | A Methoxychlor  | 6.743  | 7.450 | 83620950 | 10347050 | 21.734  | 9.087 #    |
| 21)                         | B Endrin ke...  | 0.000  | 7.579 | 0        | 4367407  | N.D.    | 1.832 #    |
| 23)                         | Chlordane-1     | 4.161  | 4.864 | 22555086 | 457.1E6  | 65.141  | 3944.193 # |
| 24)                         | Chlordane-2     | 4.685  | 5.377 | 121.2E6  | 3473011  | 327.410 | 29.002 #   |
| 25)                         | Chlordane-3     | 5.229  | 0.000 | 17027085 | 0        | 14.636  | N.D. #     |
| 26)                         | Chlordane-4     | 5.275  | 6.085 | 24343804 | 21566458 | 23.154  | 43.895 #   |
| 27)                         | Chlordane-5     | 5.949  | 6.904 | 7342230  | 1839267  | 45.851  | 20.532 #   |
| -----                       |                 |        |       |          |          |         |            |

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

Instrument :  
ECD\_L  
ClientSampleId :

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

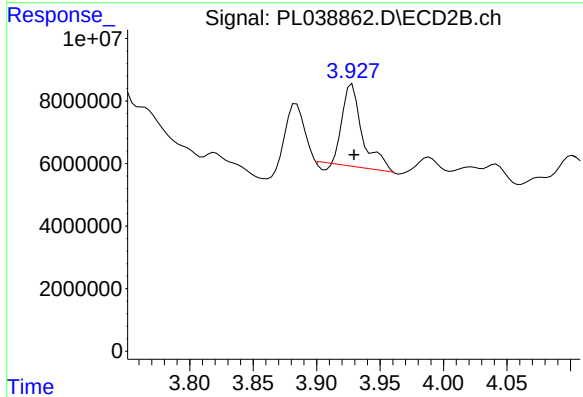




#1 Tetrachloro-m-xylene

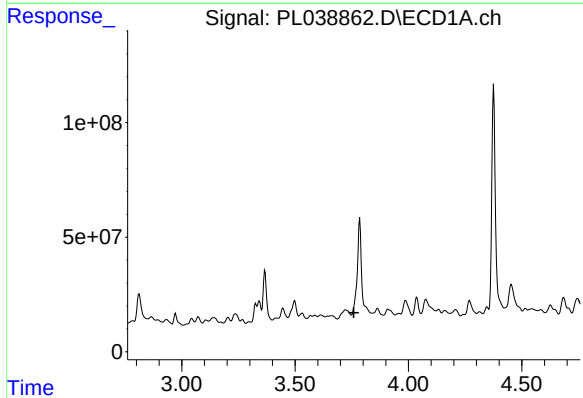
R.T.: 3.326 min  
Delta R.T.: -0.003 min  
Response: 64214559  
Conc: 8.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



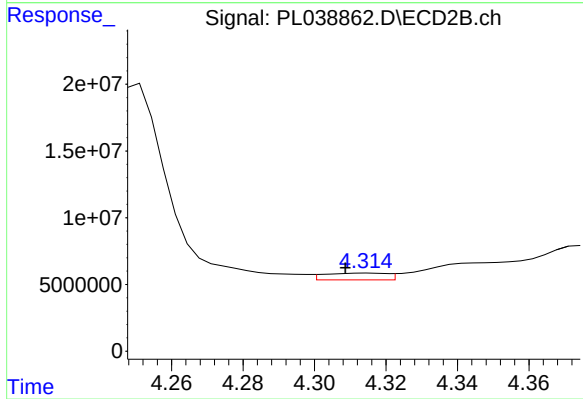
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.002 min  
Response: 27687019  
Conc: 10.55 ng/ml



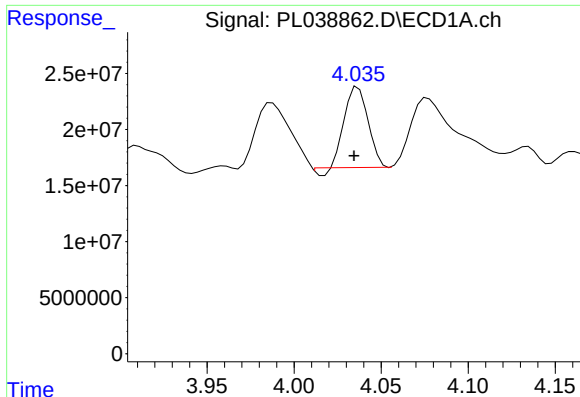
#2 alpha-BHC

R.T.: 3.785 min  
Delta R.T.: 0.027 min  
Response: -31259295  
Conc: N.D.



#2 alpha-BHC

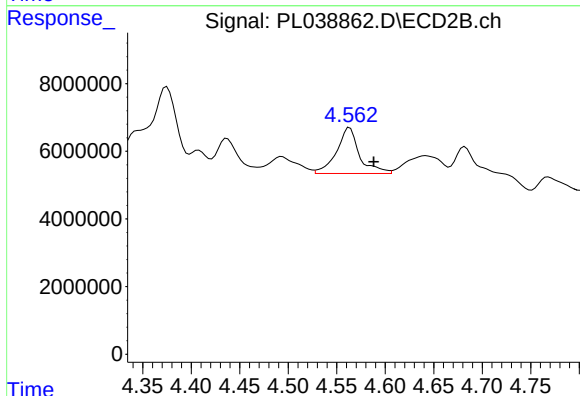
R.T.: 4.315 min  
Delta R.T.: 0.006 min  
Response: 6220608  
Conc: 1.61 ng/ml



#3 gamma-BHC (Lindane)

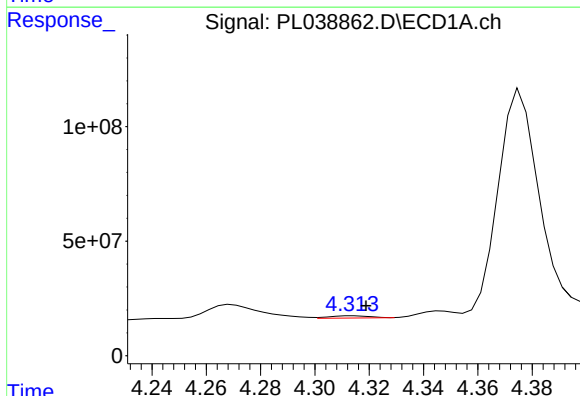
R.T.: 4.037 min  
Delta R.T.: 0.002 min  
Response: 66081965  
Conc: 6.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



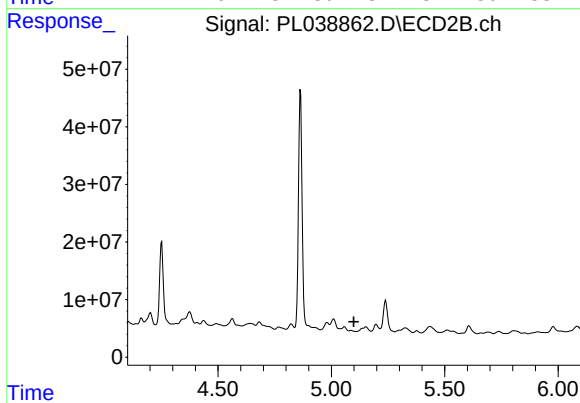
#3 gamma-BHC (Lindane)

R.T.: 4.563 min  
Delta R.T.: -0.025 min  
Response: 22334478  
Conc: 6.18 ng/ml



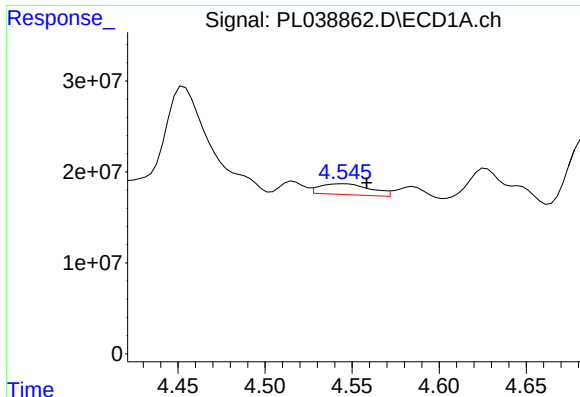
#4 Heptachlor

R.T.: 4.314 min  
Delta R.T.: -0.005 min  
Response: 9586722  
Conc: 0.90 ng/ml



#4 Heptachlor

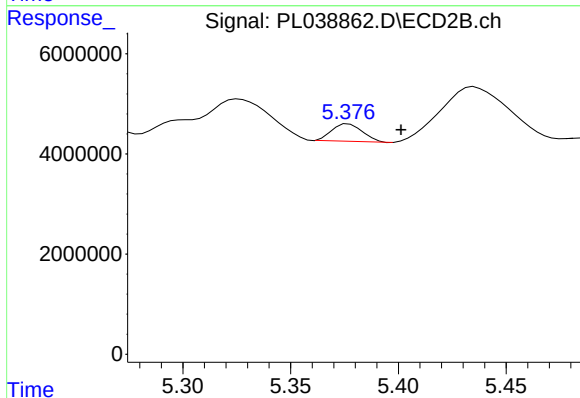
R.T.: 5.087 min  
Delta R.T.: -0.012 min  
Response: -795137  
Conc: N.D.



#5 Aldrin

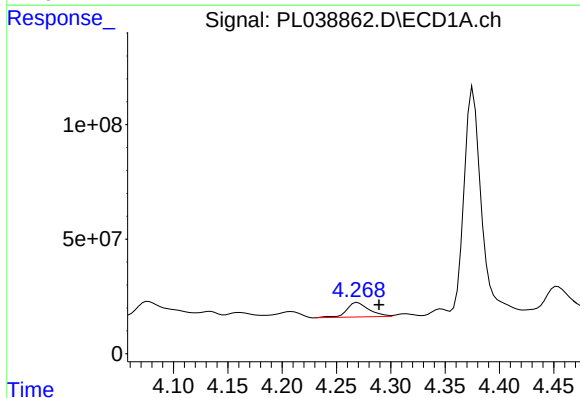
R.T.: 4.546 min  
Delta R.T.: -0.012 min  
Response: 24005709  
Conc: 2.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



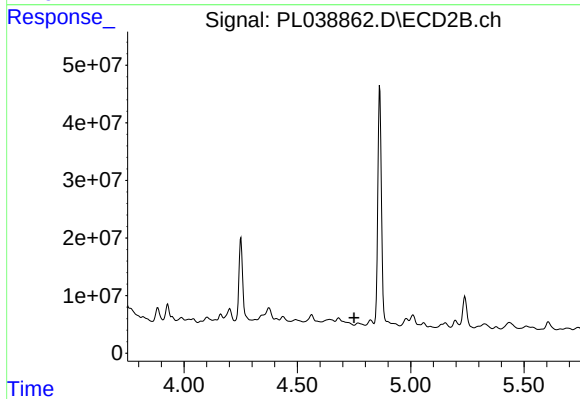
#5 Aldrin

R.T.: 5.377 min  
Delta R.T.: -0.024 min  
Response: 3473011  
Conc: 1.13 ng/ml



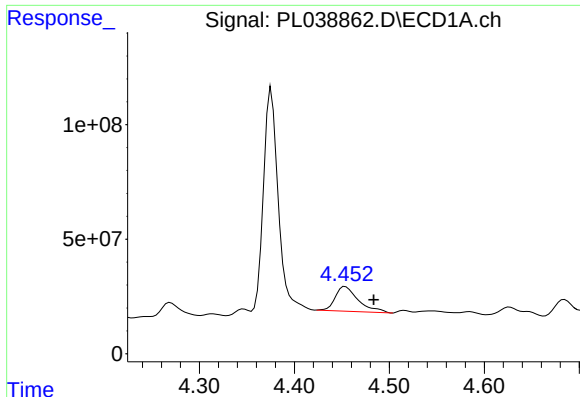
#6 beta-BHC

R.T.: 4.269 min  
Delta R.T.: -0.020 min  
Response: 90201993  
Conc: 19.11 ng/ml



#6 beta-BHC

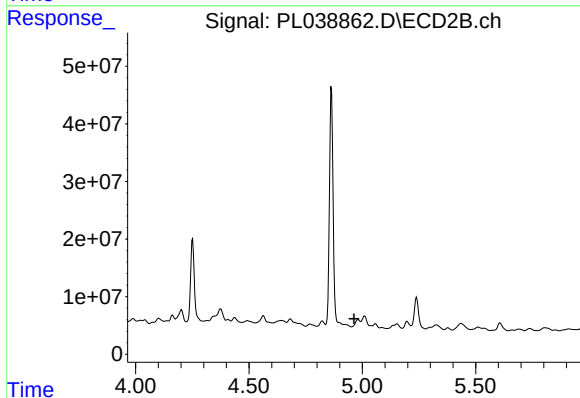
R.T.: 4.768 min  
Delta R.T.: 0.018 min  
Response: -1806089  
Conc: N.D.



#7 delta-BHC

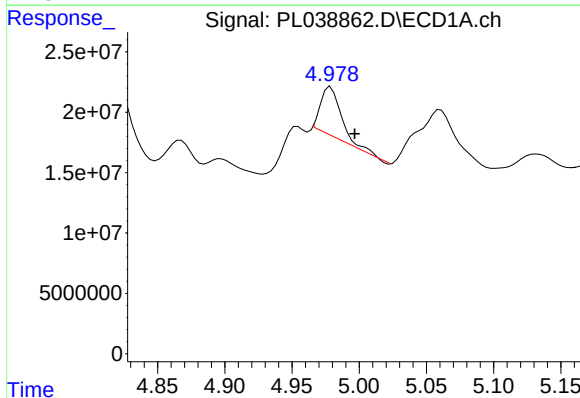
R.T.: 4.454 min  
Delta R.T.: -0.030 min  
Response: 182012574  
Conc: 16.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



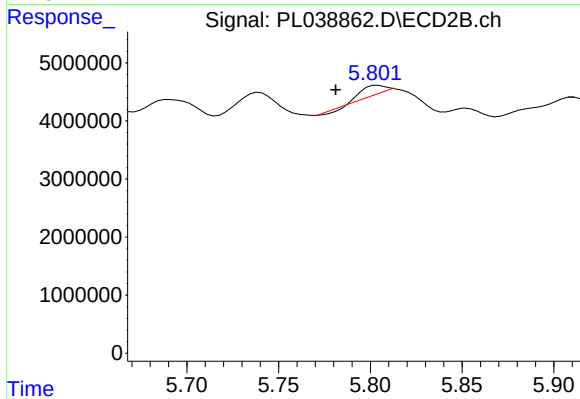
#7 delta-BHC

R.T.: 4.981 min  
Delta R.T.: 0.017 min  
Response: -3344364  
Conc: N.D.



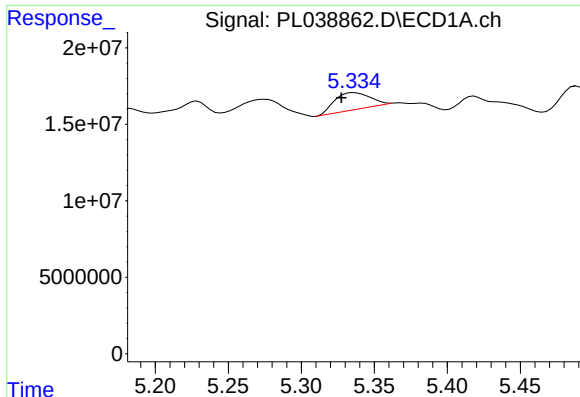
#8 Heptachlor epoxide

R.T.: 4.979 min  
Delta R.T.: -0.018 min  
Response: 43681915  
Conc: 4.63 ng/ml



#8 Heptachlor epoxide

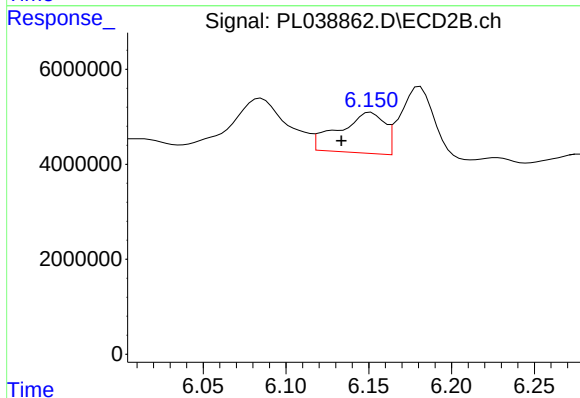
R.T.: 5.804 min  
Delta R.T.: 0.023 min  
Response: 647897  
Conc: 0.23 ng/ml



#9 Endosulfan I

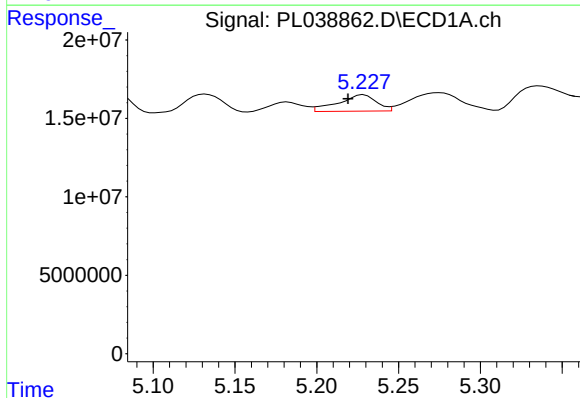
R.T.: 5.336 min  
Delta R.T.: 0.009 min  
Response: 18547912  
Conc: 2.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



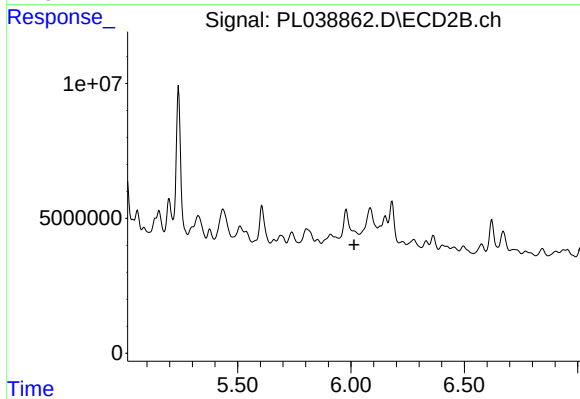
#9 Endosulfan I

R.T.: 6.151 min  
Delta R.T.: 0.018 min  
Response: 16433292  
Conc: 6.39 ng/ml



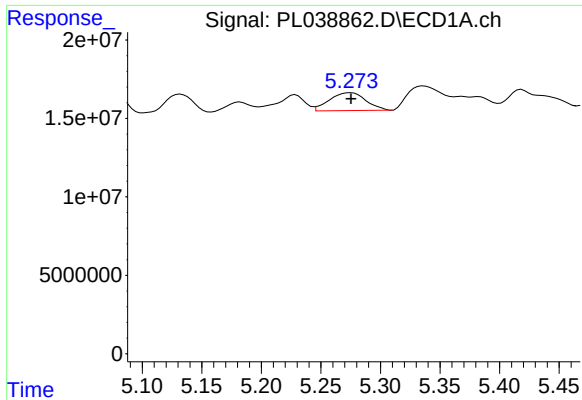
#10 gamma-Chlordane

R.T.: 5.229 min  
Delta R.T.: 0.010 min  
Response: 17027085  
Conc: 1.72 ng/ml



#10 gamma-Chlordane

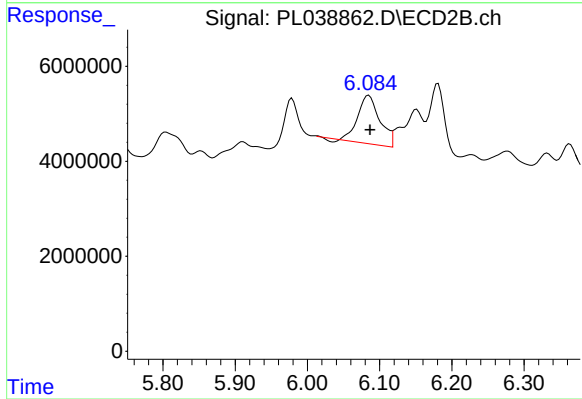
R.T.: 0.000 min  
Exp R.T.: 6.013 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

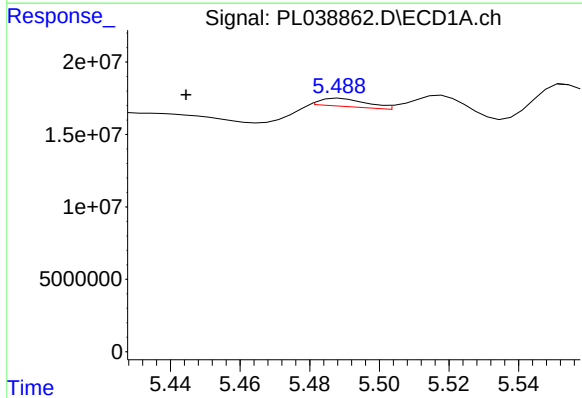
R.T.: 5.275 min  
Delta R.T.: 0.000 min  
Response: 24343804  
Conc: 2.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



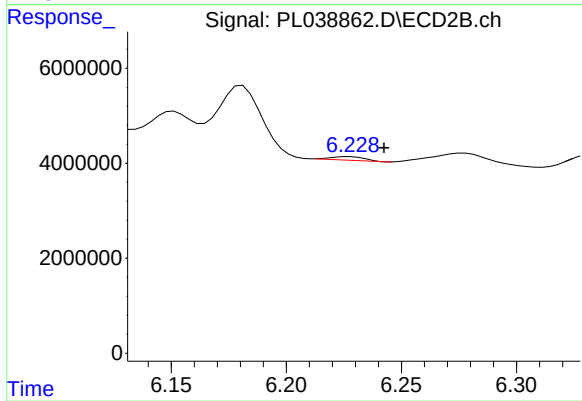
#11 alpha-Chlordane

R.T.: 6.085 min  
Delta R.T.: -0.002 min  
Response: 21566458  
Conc: 7.52 ng/ml



#12 4,4'-DDE

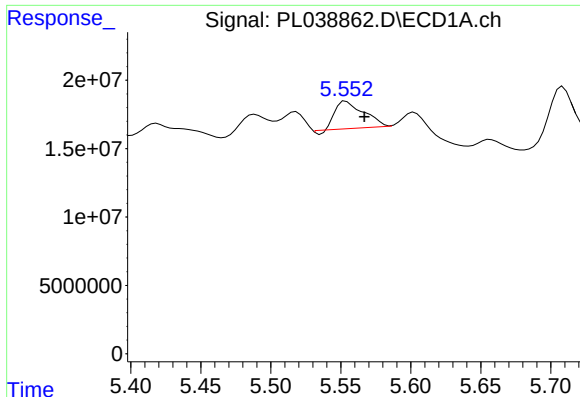
R.T.: 5.489 min  
Delta R.T.: 0.044 min  
Response: 5085239  
Conc: 0.53 ng/ml



#12 4,4'-DDE

R.T.: 6.228 min  
Delta R.T.: -0.015 min  
Response: 765503  
Conc: 0.29 ng/ml

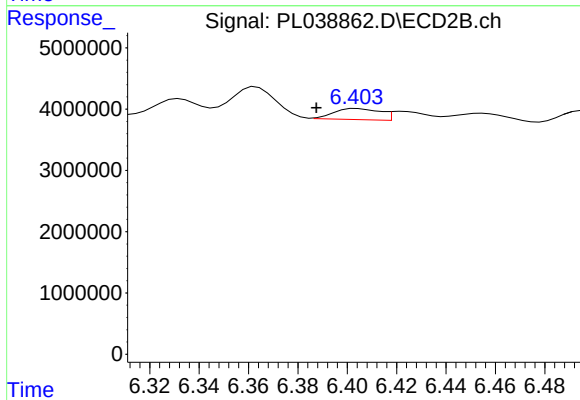




#13 Dieldrin

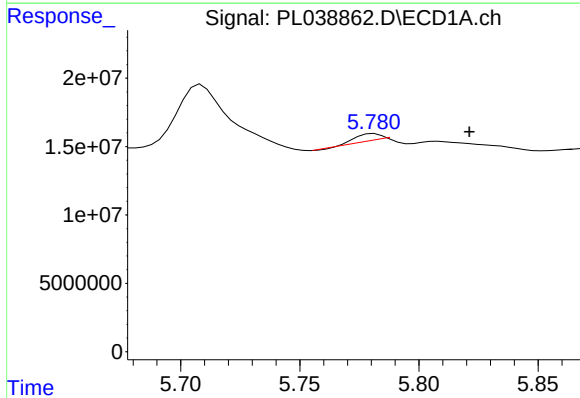
R.T.: 5.554 min  
Delta R.T.: -0.013 min  
Response: 27935584  
Conc: 2.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



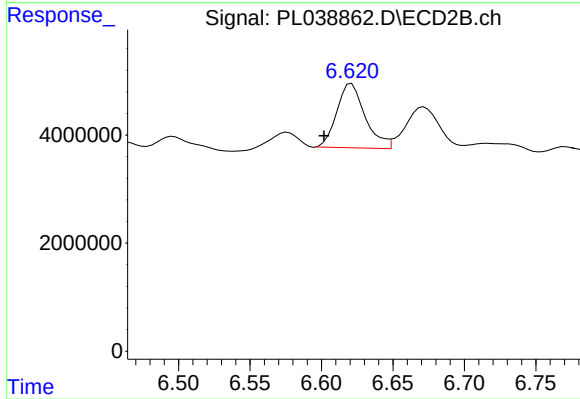
#13 Dieldrin

R.T.: 6.404 min  
Delta R.T.: 0.017 min  
Response: 2363763  
Conc: 0.87 ng/ml



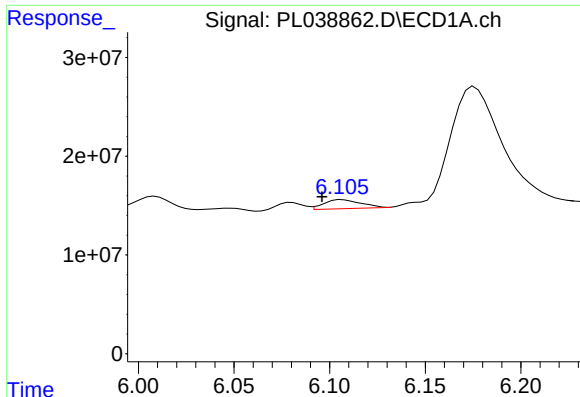
#14 Endrin

R.T.: 5.781 min  
Delta R.T.: -0.040 min  
Response: 2812833  
Conc: 0.32 ng/ml



#14 Endrin

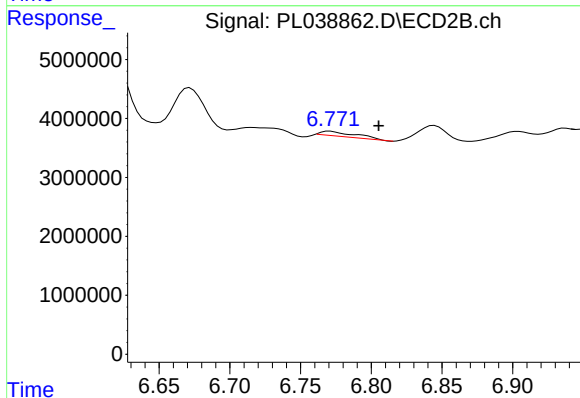
R.T.: 6.621 min  
Delta R.T.: 0.019 min  
Response: 16379464  
Conc: 6.86 ng/ml



#15 Endosulfan II

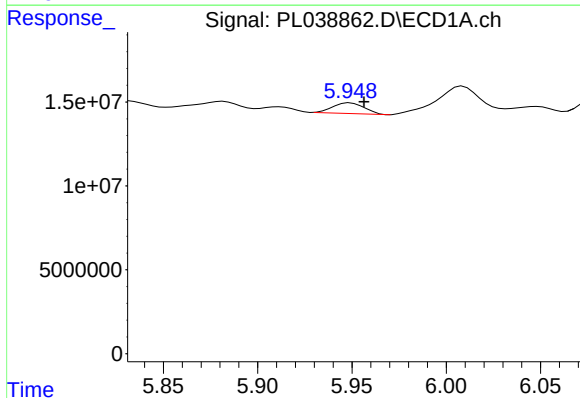
R.T.: 6.106 min  
Delta R.T.: 0.010 min  
Response: 12269096  
Conc: 1.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



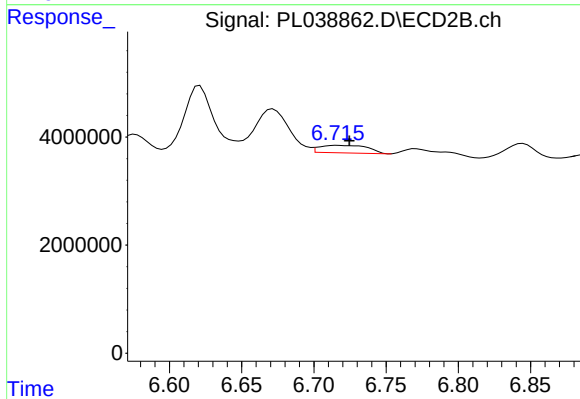
#15 Endosulfan II

R.T.: 6.771 min  
Delta R.T.: -0.035 min  
Response: 1393048  
Conc: 0.58 ng/ml



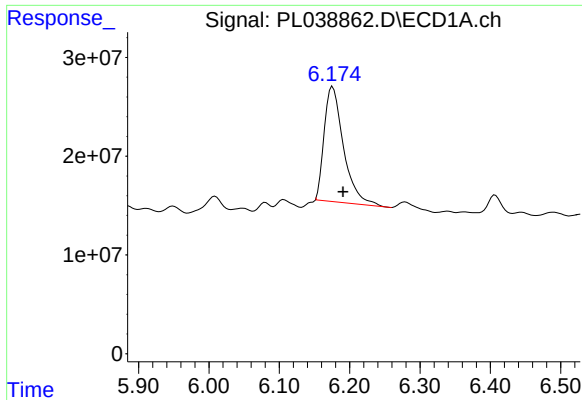
#16 4,4'-DDD

R.T.: 5.949 min  
Delta R.T.: -0.007 min  
Response: 7342230  
Conc: 1.00 ng/ml



#16 4,4'-DDD

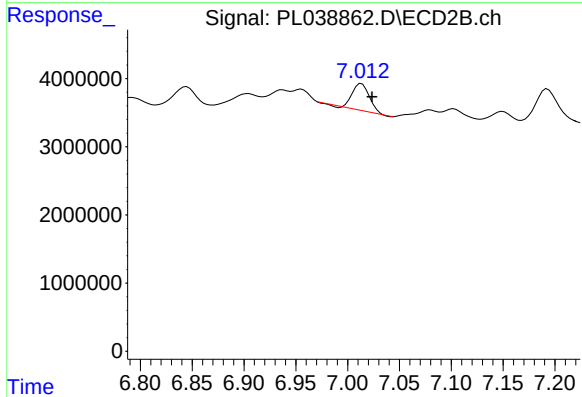
R.T.: 6.716 min  
Delta R.T.: -0.008 min  
Response: 3218635  
Conc: 1.50 ng/ml



#17 4,4'-DDT

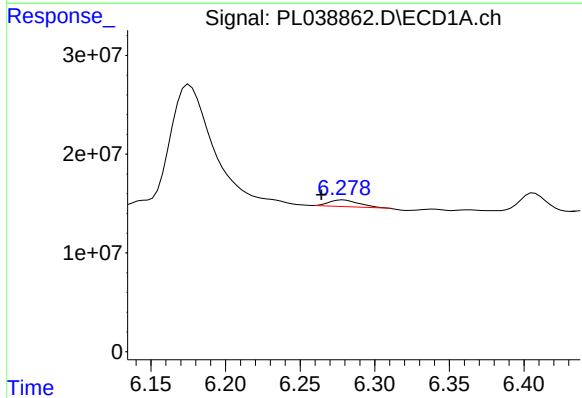
R.T.: 6.176 min  
Delta R.T.: -0.015 min  
Response: 222056394  
Conc: 29.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



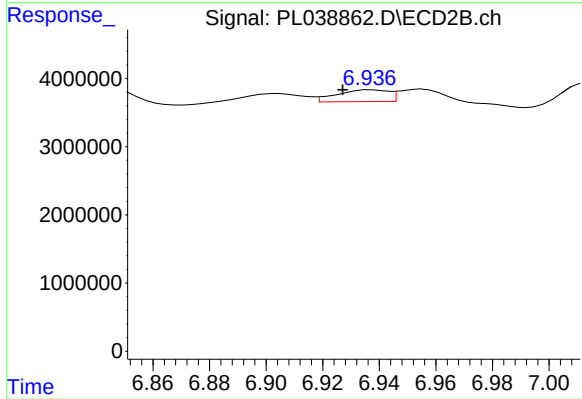
#17 4,4'-DDT

R.T.: 7.013 min  
Delta R.T.: -0.010 min  
Response: 4563107  
Conc: 2.14 ng/ml



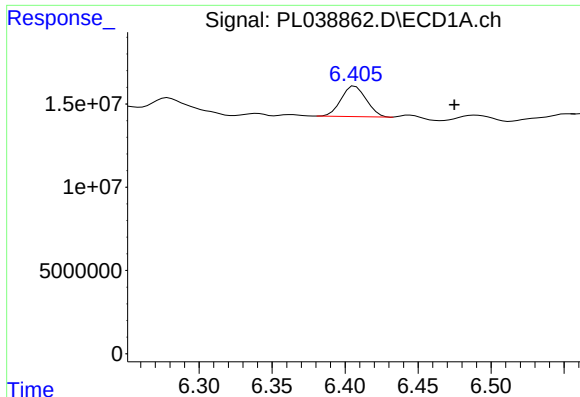
#18 Endrin aldehyde

R.T.: 6.279 min  
Delta R.T.: 0.015 min  
Response: 8620293  
Conc: 1.35 ng/ml



#18 Endrin aldehyde

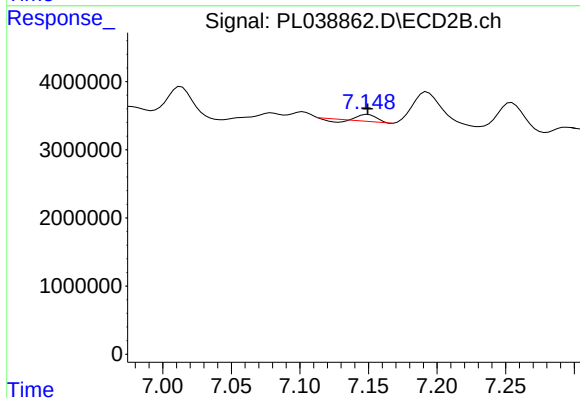
R.T.: 6.937 min  
Delta R.T.: 0.010 min  
Response: 2183241  
Conc: 1.12 ng/ml



#19 Endosulfan Sulfate

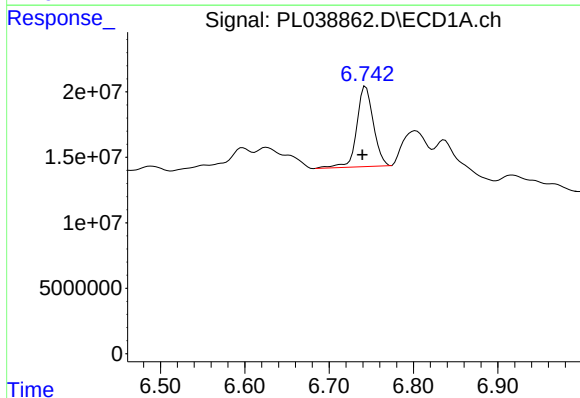
R.T.: 6.407 min  
Delta R.T.: -0.068 min  
Response: 21878596  
Conc: 2.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



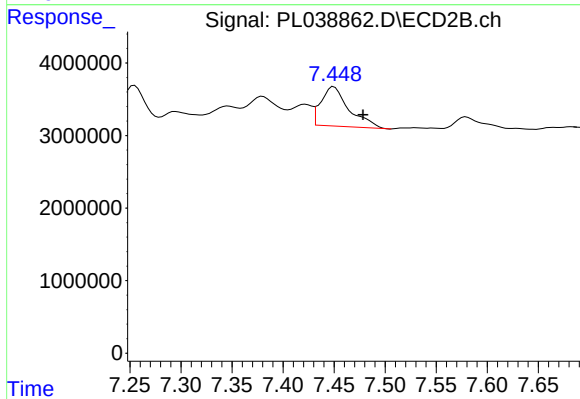
#19 Endosulfan Sulfate

R.T.: 7.150 min  
Delta R.T.: 0.000 min  
Response: 755515  
Conc: 0.35 ng/ml



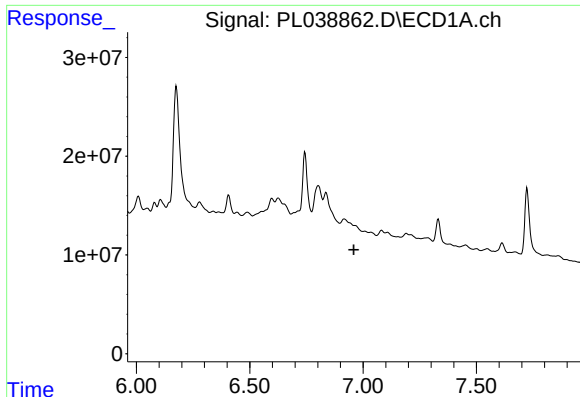
#20 Methoxychlor

R.T.: 6.743 min  
Delta R.T.: 0.004 min  
Response: 83620950  
Conc: 21.73 ng/ml



#20 Methoxychlor

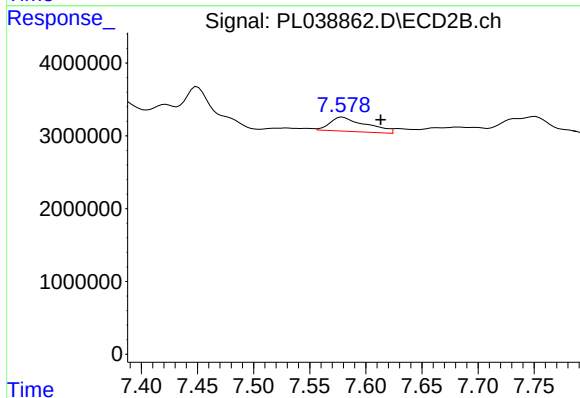
R.T.: 7.450 min  
Delta R.T.: -0.028 min  
Response: 10347050  
Conc: 9.09 ng/ml



#21 Endrin ketone

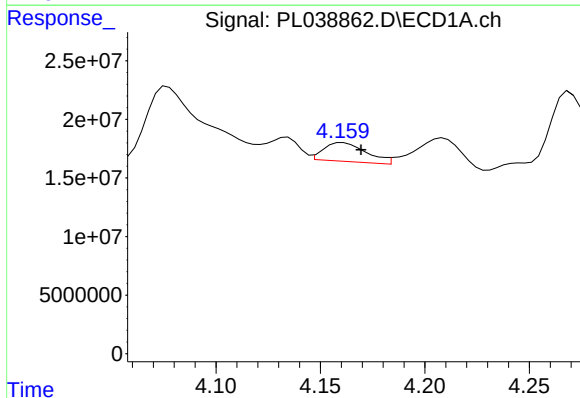
R.T.: 0.000 min  
Exp R.T.: 6.958 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



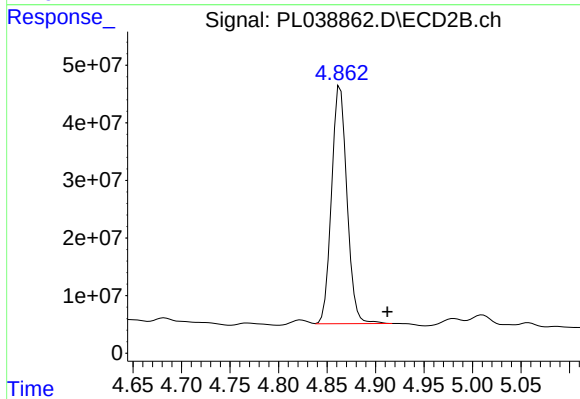
#21 Endrin ketone

R.T.: 7.579 min  
Delta R.T.: -0.034 min  
Response: 4367407  
Conc: 1.83 ng/ml



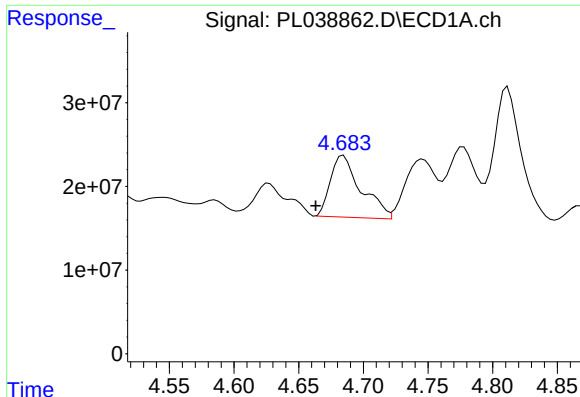
#23 Chlordane-1

R.T.: 4.161 min  
Delta R.T.: -0.009 min  
Response: 22555086  
Conc: 65.14 ng/ml



#23 Chlordane-1

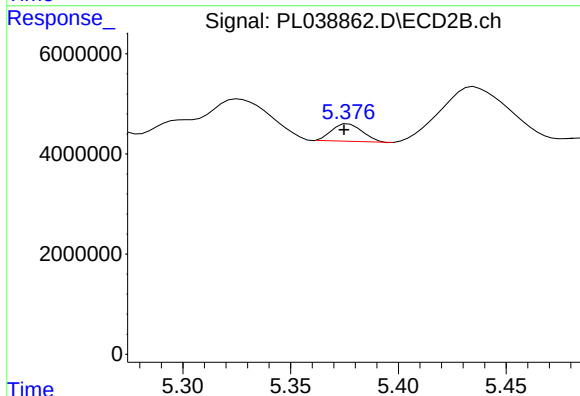
R.T.: 4.864 min  
Delta R.T.: -0.048 min  
Response: 457072660  
Conc: 3944.19 ng/ml



#24 Chlordane-2

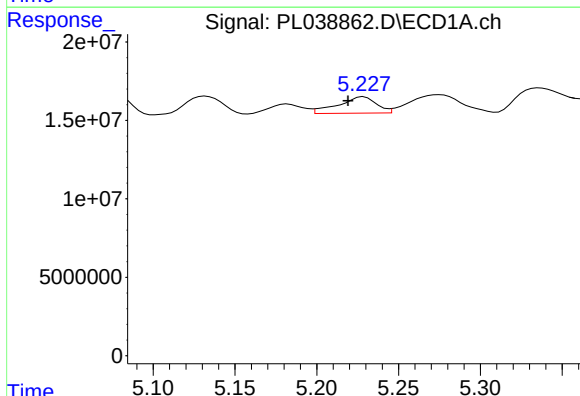
R.T.: 4.685 min  
Delta R.T.: 0.021 min  
Response: 121180161  
Conc: 327.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



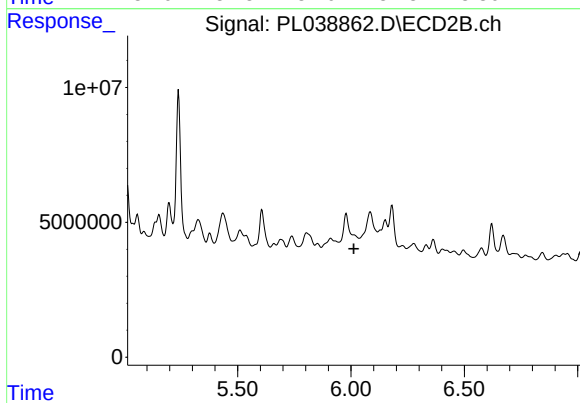
#24 Chlordane-2

R.T.: 5.377 min  
Delta R.T.: 0.002 min  
Response: 3473011  
Conc: 29.00 ng/ml



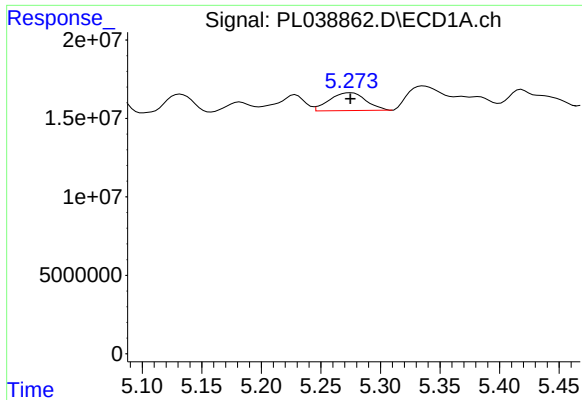
#25 Chlordane-3

R.T.: 5.229 min  
Delta R.T.: 0.010 min  
Response: 17027085  
Conc: 14.64 ng/ml



#25 Chlordane-3

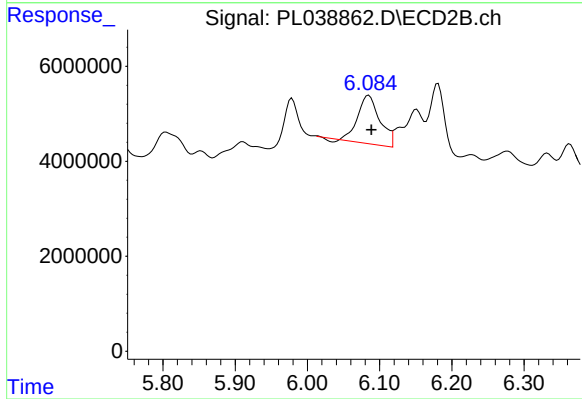
R.T.: 0.000 min  
Exp R.T.: 6.012 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

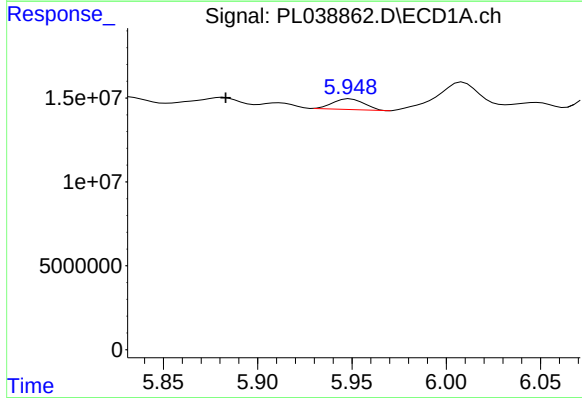
R.T.: 5.275 min  
Delta R.T.: 0.000 min  
Response: 24343804  
Conc: 23.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



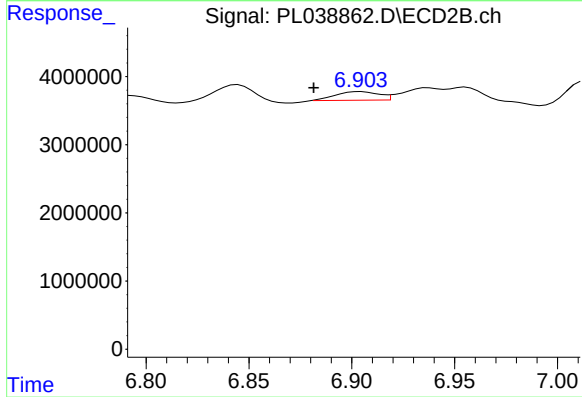
#26 Chlordane-4

R.T.: 6.085 min  
Delta R.T.: -0.004 min  
Response: 21566458  
Conc: 43.90 ng/ml



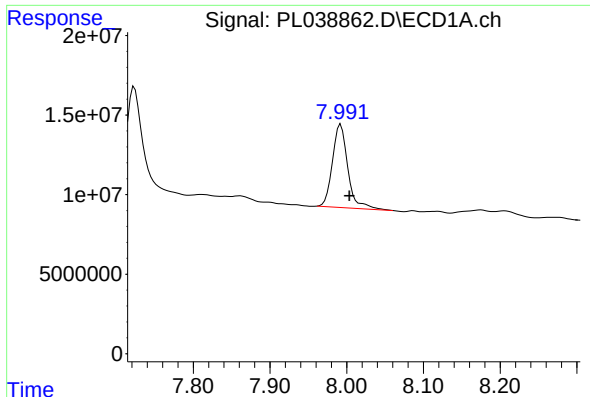
#27 Chlordane-5

R.T.: 5.949 min  
Delta R.T.: 0.066 min  
Response: 7342230  
Conc: 45.85 ng/ml



#27 Chlordane-5

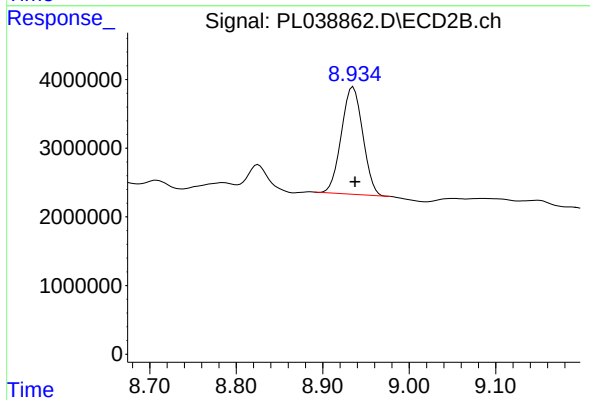
R.T.: 6.904 min  
Delta R.T.: 0.023 min  
Response: 1839267  
Conc: 20.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.992 min  
Delta R.T.: -0.011 min  
Response: 72621429  
Conc: 9.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.935 min  
Delta R.T.: -0.002 min  
Response: 26698266  
Conc: 10.92 ng/ml