

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081224\  
 Data File : PL090988.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Aug 2024 11:33  
 Operator : AR\AJ  
 Sample : P3476-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MUL06

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 13 01:25:18 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 06 10:55:36 2024  
 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... | 3.545  | 2.772  | 18952835 | 280.5E6  | 9.788  | 162.243 # |
| 28)                         | SA Decachlor... | 9.065  | 7.930  | 20242206 | 15982568 | 14.089 | 9.575 #   |
| Target Compounds            |                 |        |        |          |          |        |           |
| 4)                          | MA Heptachlor   | 4.929  | 3.953  | 40951809 | 9711144  | 16.559 | 4.188 #   |
| 5)                          | MB Aldrin       | 0.000  | 4.214f | 0        | 34248801 | N.D.   | 15.448 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.918  | 0        | 9370933  | N.D.   | 8.810 #   |
| 7)                          | B delta-BHC     | 0.000  | 4.132f | 0        | 911256   | N.D.   | 0.408 #   |
| 8)                          | B Heptachlo...  | 5.682  | 4.740  | 20015068 | 6755317  | 8.808  | 3.314 #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.129  | 0        | 5393027  | N.D.   | 2.793 #   |
| 10)                         | B gamma-Chl...  | 0.000  | 5.006  | 0        | 2261564  | N.D.   | 1.059 #   |
| 11)                         | B alpha-Chl...  | 6.021  | 5.078f | 4810447  | 15651872 | 2.148  | 7.336 #   |
| 12)                         | B 4,4'-DDE      | 6.217f | 5.252  | 4878609  | 20155485 | 2.461  | 10.744 #  |
| 13)                         | MA Dieldrin     | 6.365f | 5.390  | 18710611 | -2850662 | 8.531  | N.D. #    |
| 14)                         | MA Endrin       | 0.000  | 5.651  | 0        | 30893581 | N.D.   | 16.907 #  |
| 15)                         | B Endosulfa...  | 6.785  | 5.971f | 1130587  | 3942593  | 0.564  | 2.171 #   |
| 16)                         | A 4,4'-DDD      | 6.730f | 5.802  | 5308625  | 6299064  | 3.220  | 4.059 #   |
| 17)                         | MA 4,4'-DDT     | 7.036  | 6.061  | 24112058 | 1923859  | 13.525 | 1.160 #   |
| 18)                         | B Endrin al...  | 6.929  | 6.102f | 13494075 | 8501620  | 8.960  | 6.005 #   |
| 19)                         | B Endosulfa...  | 7.151  | 6.340  | 8554891  | 2818963  | 4.770  | 1.615 #   |
| 20)                         | A Methoxychlor  | 7.493  | 6.622  | 3177602  | 41164096 | 3.330  | 44.596 #  |
| 21)                         | B Endrin ke...  | 7.647  | 6.874f | 10995080 | 815372   | 5.549  | 0.411 #   |
| 22)                         | Mirex           | 8.145f | 7.065f | 103.8E6  | 9763713  | 66.767 | 5.814 #   |
| 23)                         | Chlordane-1     | 4.729f | 3.772  | 8614899  | 372747   | 92.072 | 5.529 #   |
| 24)                         | Chlordane-2     | 0.000  | 4.380f | 0        | 15774070 | N.D.   | 189.652 # |
| 25)                         | Chlordane-3     | 0.000  | 5.006  | 0        | 2261564  | N.D.   | 10.099 #  |
| 26)                         | Chlordane-4     | 6.021  | 5.078f | 4810447  | 15651872 | 12.004 | 73.154 #  |
| 27)                         | Chlordane-5     | 6.854f | 5.703f | 1949692  | 2338924  | 23.388 | 34.998 #  |
| -----                       |                 |        |        |          |          |        |           |

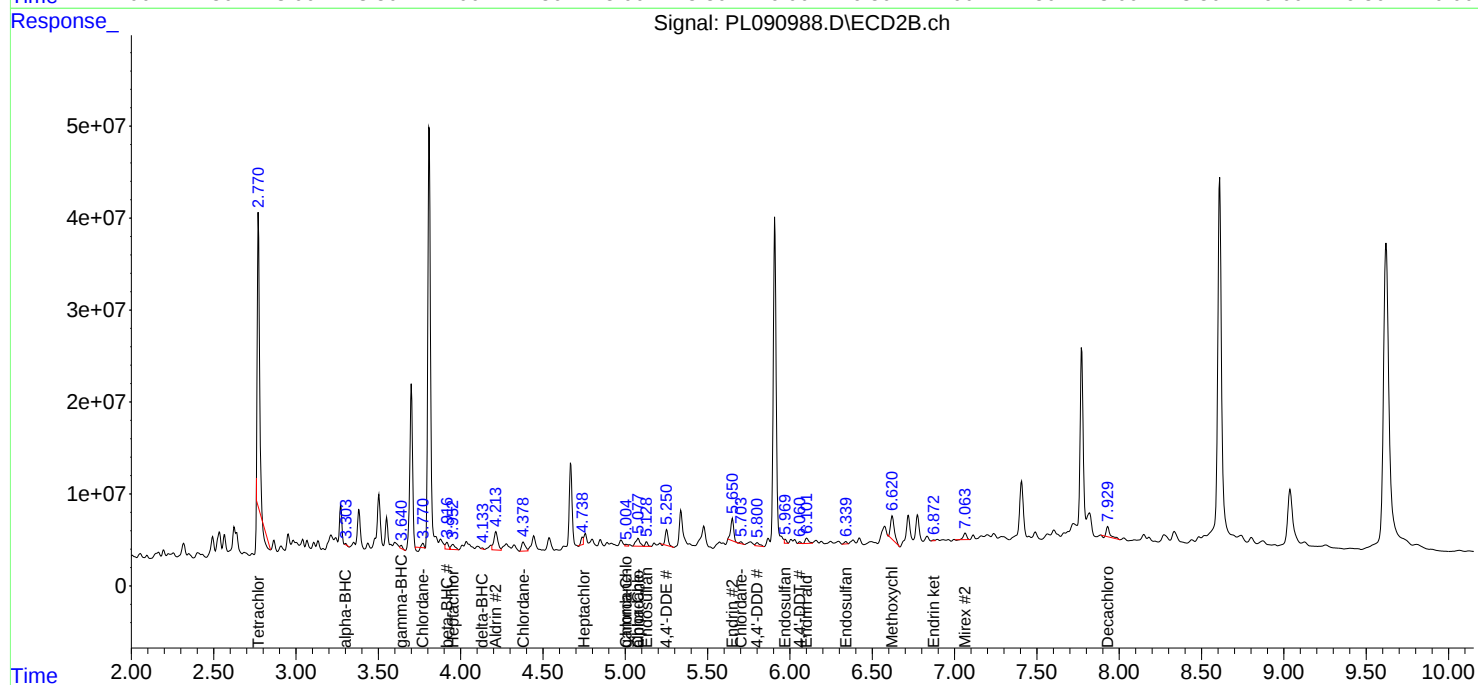
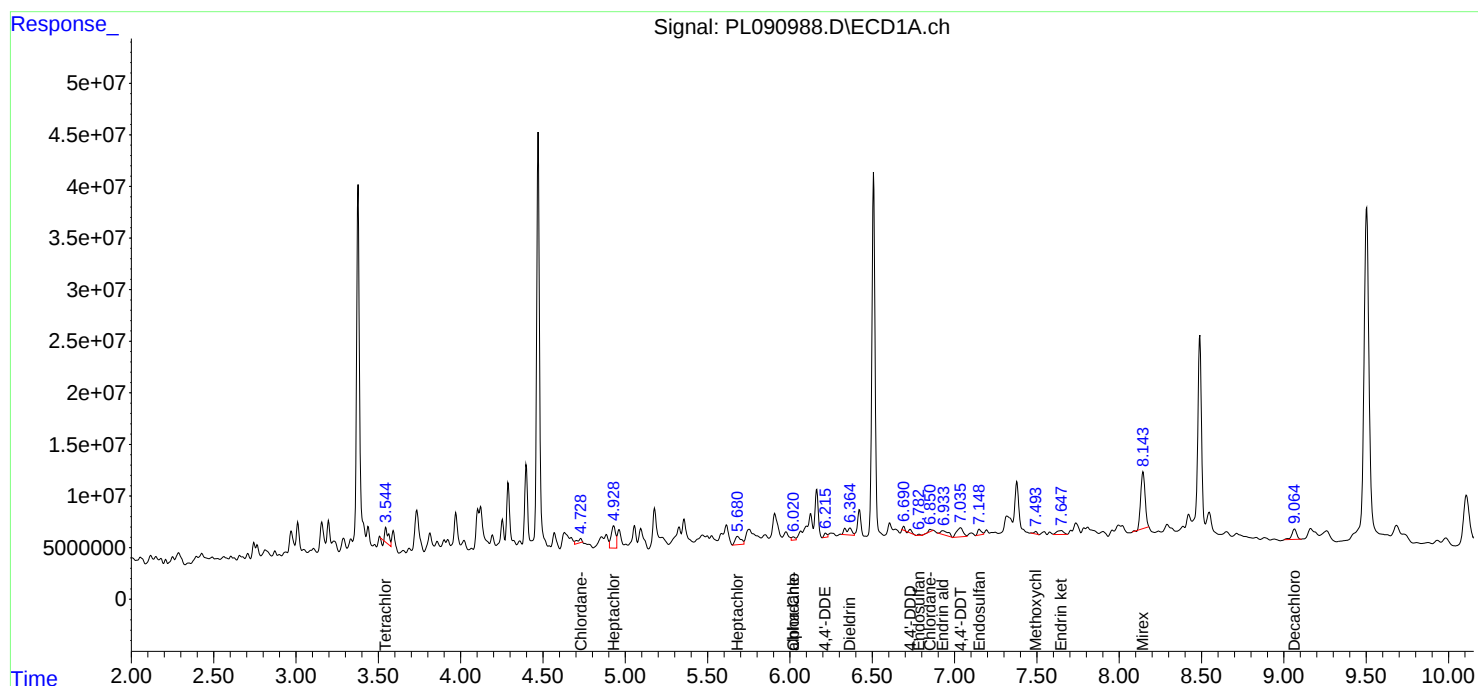
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

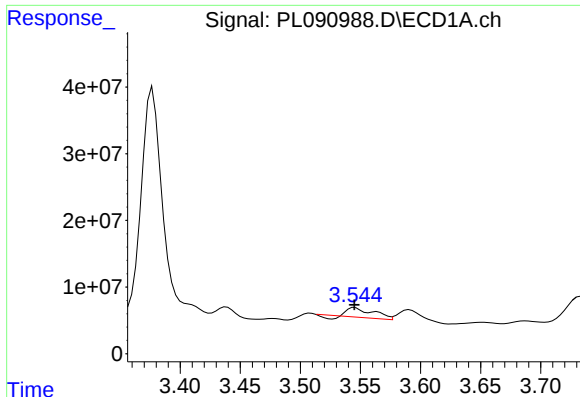
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081224\  
Data File : PL090988.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Aug 2024 11:33  
Operator : AR\AJ  
Sample : P3476-05  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 13 01:25:18 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 06 10:55:36 2024  
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

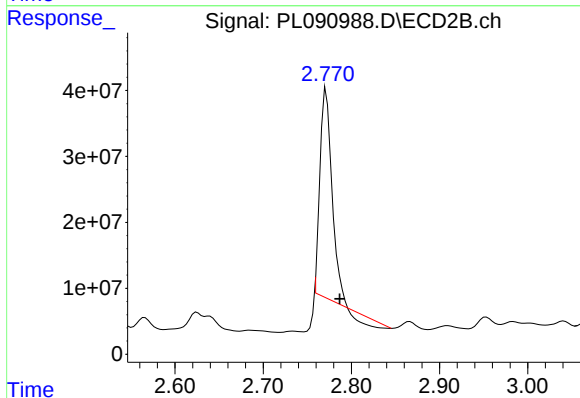




#1 Tetrachloro-m-xylene

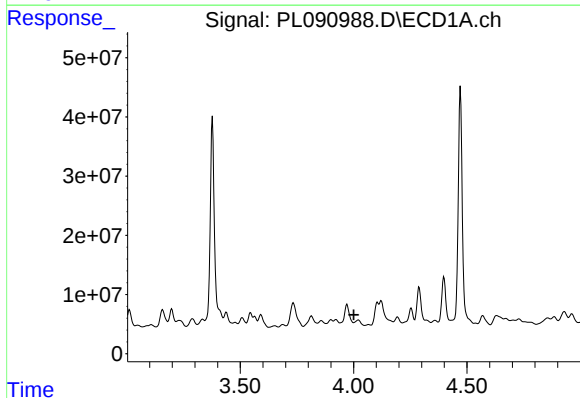
R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 18952835  
Conc: 9.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06



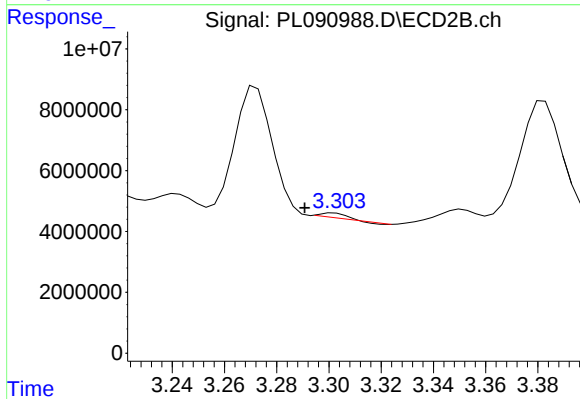
#1 Tetrachloro-m-xylene

R.T.: 2.772 min  
Delta R.T.: -0.015 min  
Response: 280486567  
Conc: 162.24 ng/ml



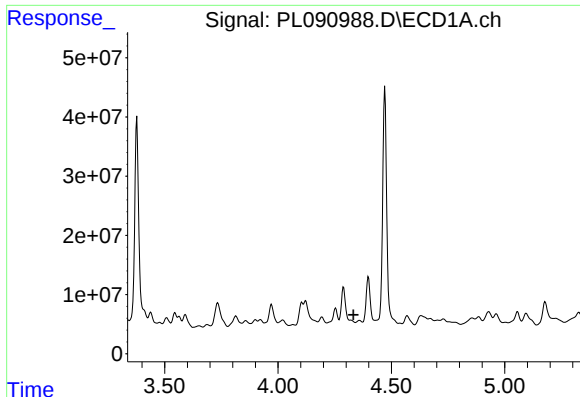
#2 alpha-BHC

R.T.: 4.021 min  
Delta R.T.: 0.020 min  
Response: -11618528  
Conc: N.D.



#2 alpha-BHC

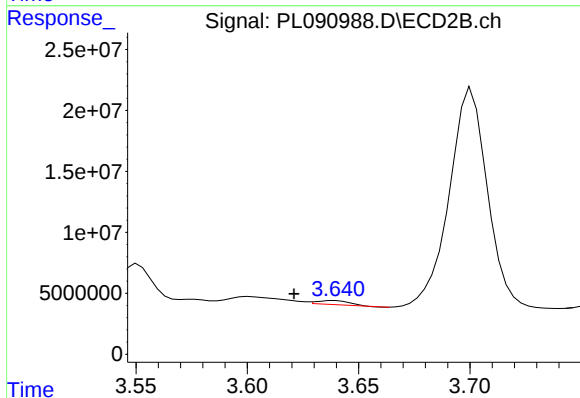
R.T.: 3.302 min  
Delta R.T.: 0.011 min  
Response: 989007  
Conc: 0.40 ng/ml



#3 gamma-BHC (Lindane)

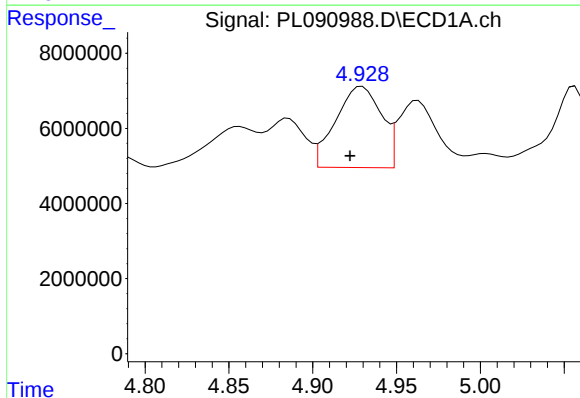
R.T.: 4.359 min  
Delta R.T.: 0.026 min  
Response: -5969254  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06



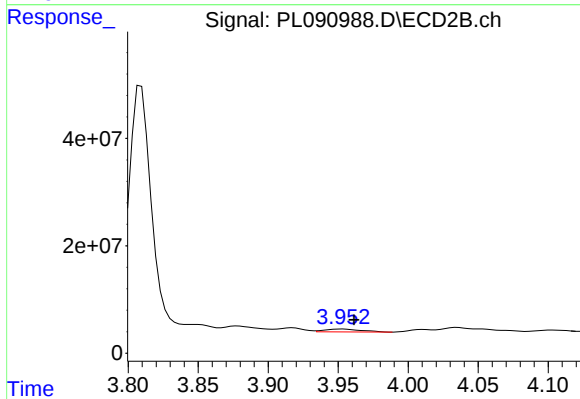
#3 gamma-BHC (Lindane)

R.T.: 3.639 min  
Delta R.T.: 0.018 min  
Response: 3315278  
Conc: 1.42 ng/ml



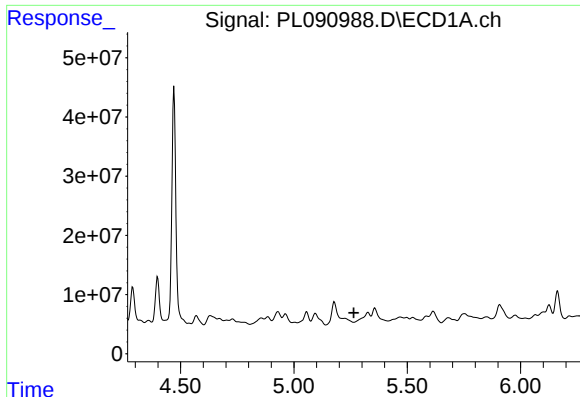
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: 0.007 min  
Response: 40951809  
Conc: 16.56 ng/ml



#4 Heptachlor

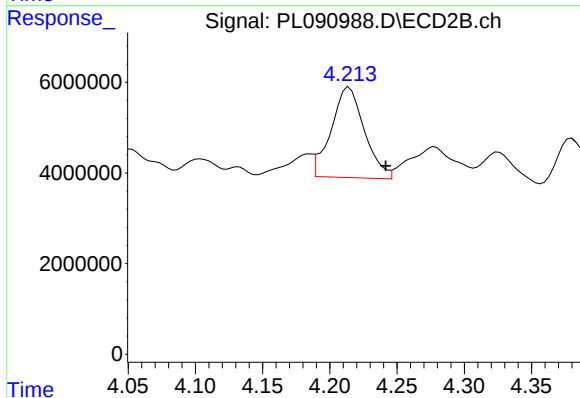
R.T.: 3.953 min  
Delta R.T.: -0.008 min  
Response: 9711144  
Conc: 4.19 ng/ml



#5 Aldrin

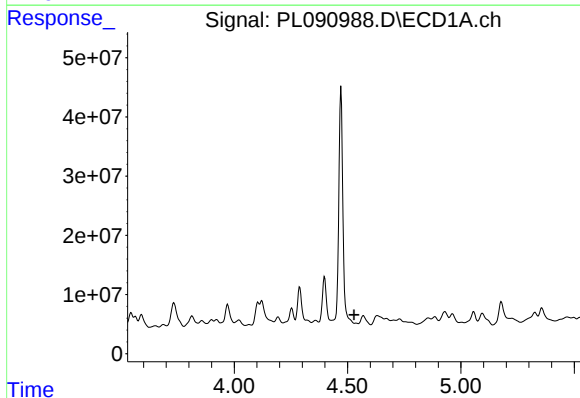
R.T.: 0.000 min  
Exp R.T.: 5.264 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06



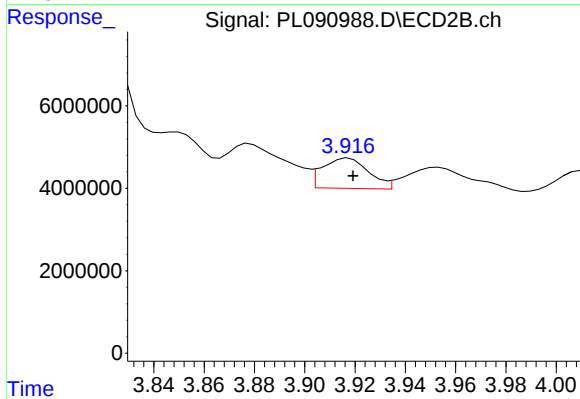
#5 Aldrin

R.T.: 4.214 min  
Delta R.T.: -0.027 min  
Response: 34248801  
Conc: 15.45 ng/ml



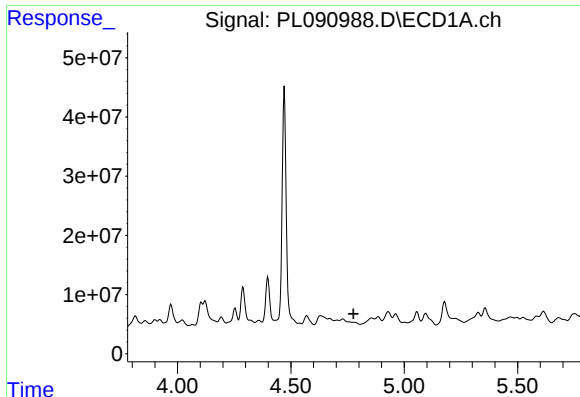
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T.: 4.529 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

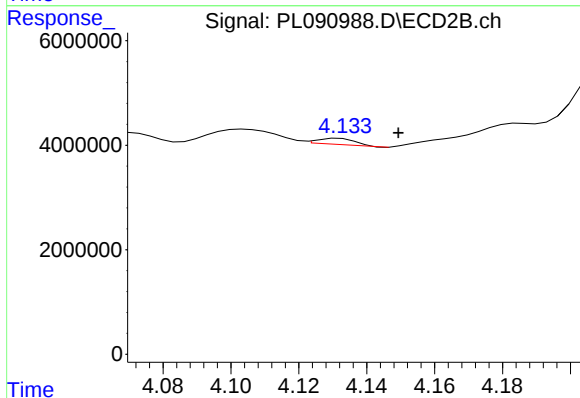
R.T.: 3.918 min  
Delta R.T.: -0.002 min  
Response: 9370933  
Conc: 8.81 ng/ml



#7 delta-BHC

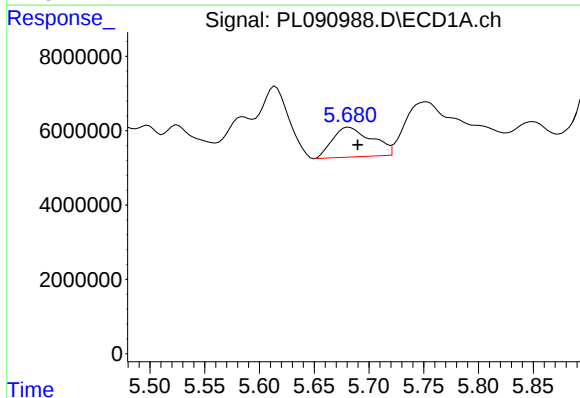
R.T.: 0.000 min  
Exp R.T.: 4.776 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06



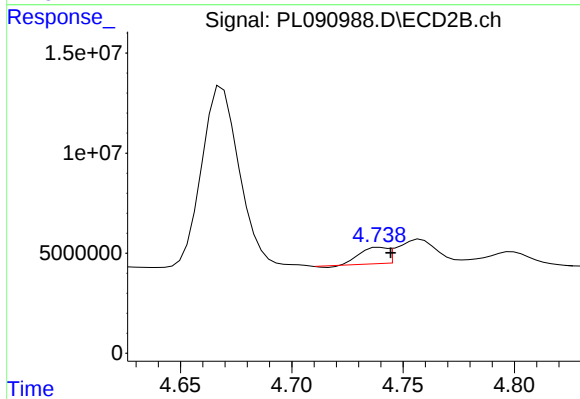
#7 delta-BHC

R.T.: 4.132 min  
Delta R.T.: -0.017 min  
Response: 911256  
Conc: 0.41 ng/ml



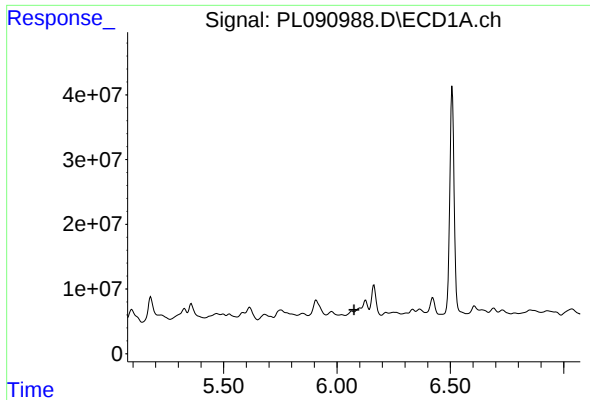
#8 Heptachlor epoxide

R.T.: 5.682 min  
Delta R.T.: -0.007 min  
Response: 20015068  
Conc: 8.81 ng/ml



#8 Heptachlor epoxide

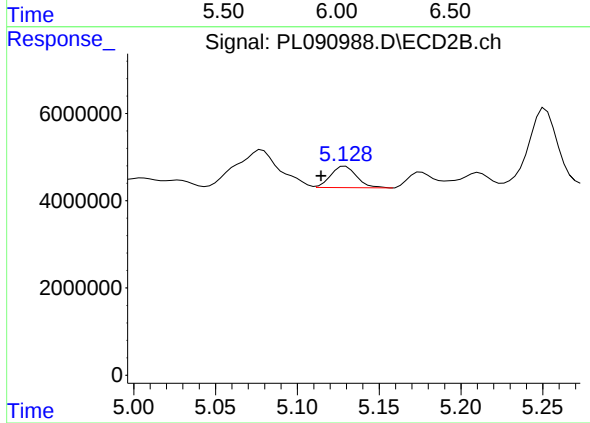
R.T.: 4.740 min  
Delta R.T.: -0.005 min  
Response: 6755317  
Conc: 3.31 ng/ml



#9 Endosulfan I

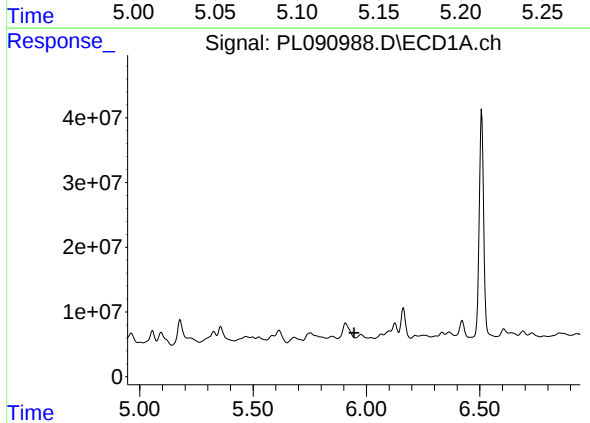
R.T.: 0.000 min  
Exp R.T.: 6.075 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06



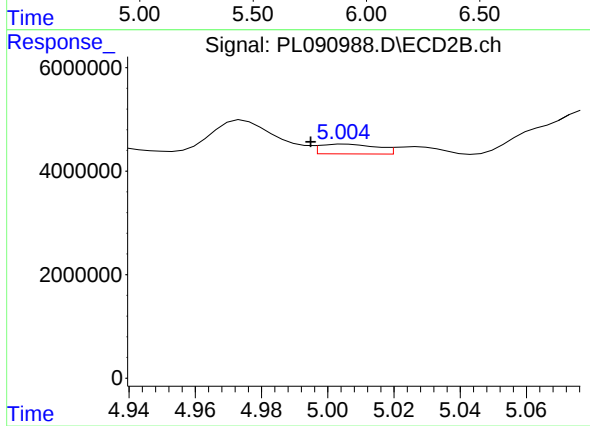
#9 Endosulfan I

R.T.: 5.129 min  
Delta R.T.: 0.015 min  
Response: 5393027  
Conc: 2.79 ng/ml



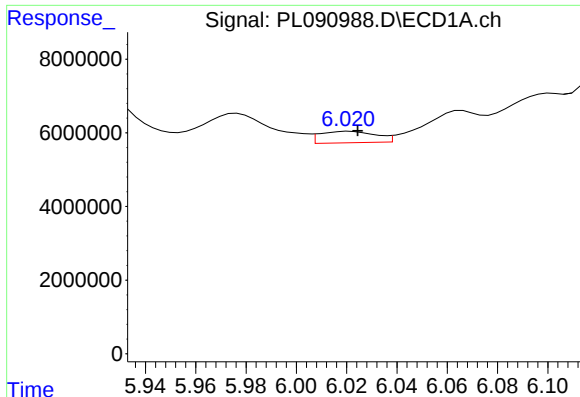
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.945 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

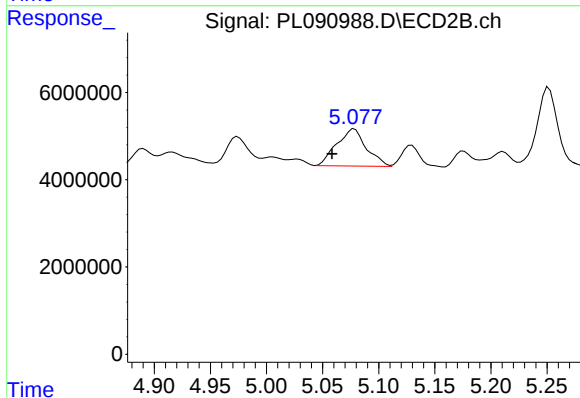
R.T.: 5.006 min  
Delta R.T.: 0.011 min  
Response: 2261564  
Conc: 1.06 ng/ml



#11 alpha-Chlordane

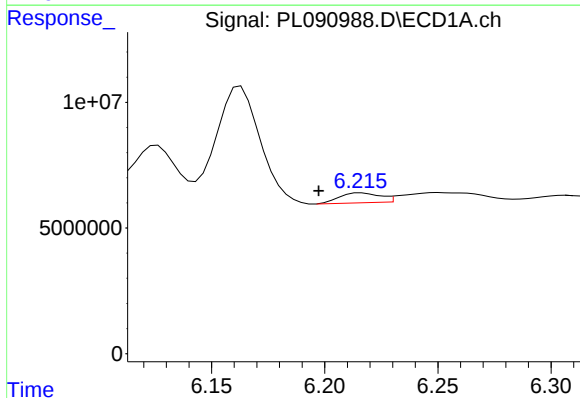
R.T.: 6.021 min  
Delta R.T.: -0.004 min  
Response: 4810447  
Conc: 2.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06



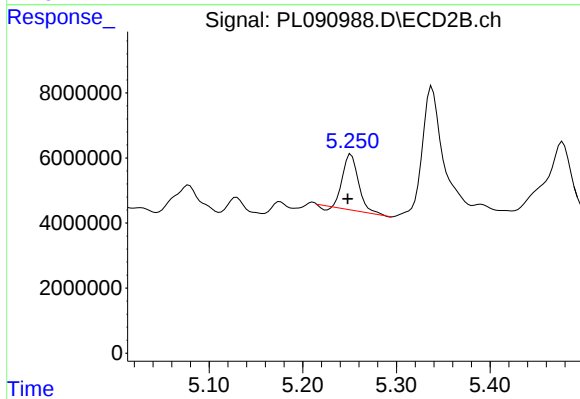
#11 alpha-Chlordane

R.T.: 5.078 min  
Delta R.T.: 0.020 min  
Response: 15651872  
Conc: 7.34 ng/ml



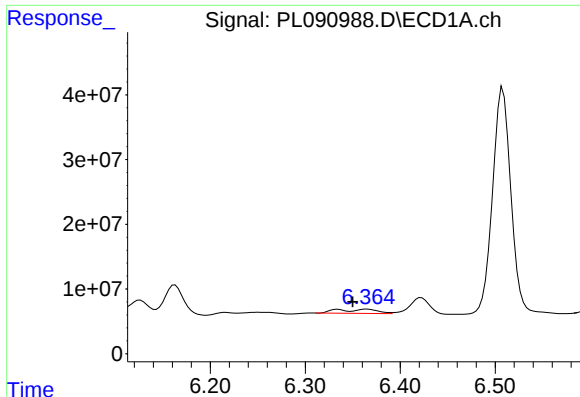
#12 4,4'-DDE

R.T.: 6.217 min  
Delta R.T.: 0.020 min  
Response: 4878609  
Conc: 2.46 ng/ml



#12 4,4'-DDE

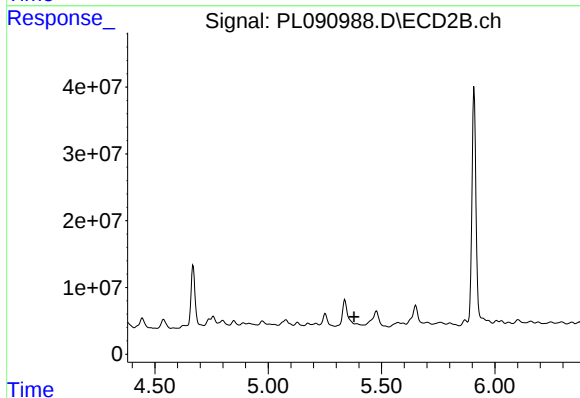
R.T.: 5.252 min  
Delta R.T.: 0.004 min  
Response: 20155485  
Conc: 10.74 ng/ml



#13 Dieldrin

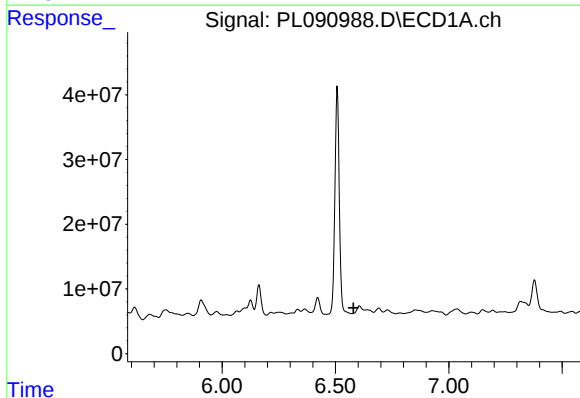
R.T.: 6.365 min  
Delta R.T.: 0.015 min  
Response: 18710611  
Conc: 8.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06



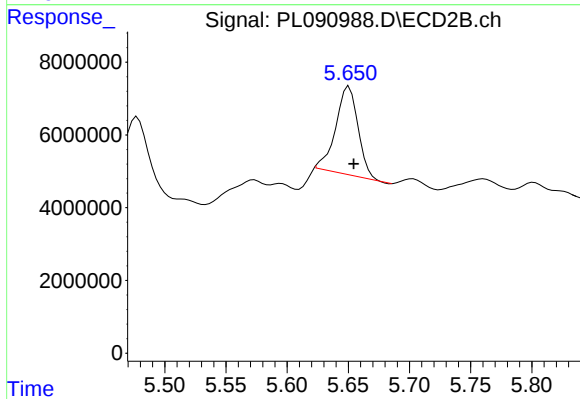
#13 Dieldrin

R.T.: 5.390 min  
Delta R.T.: 0.011 min  
Response: -2850662  
Conc: N.D.



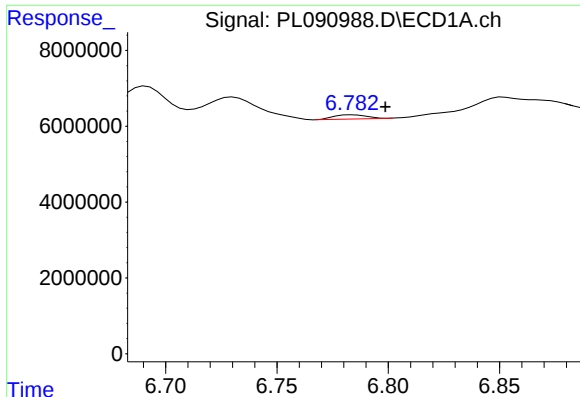
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.580 min  
Response: 0  
Conc: N.D.



#14 Endrin

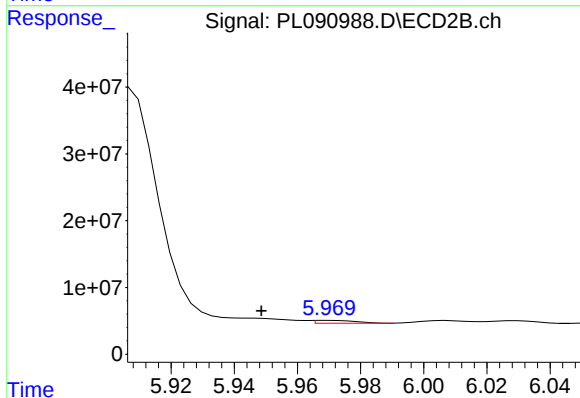
R.T.: 5.651 min  
Delta R.T.: -0.004 min  
Response: 30893581  
Conc: 16.91 ng/ml



#15 Endosulfan II

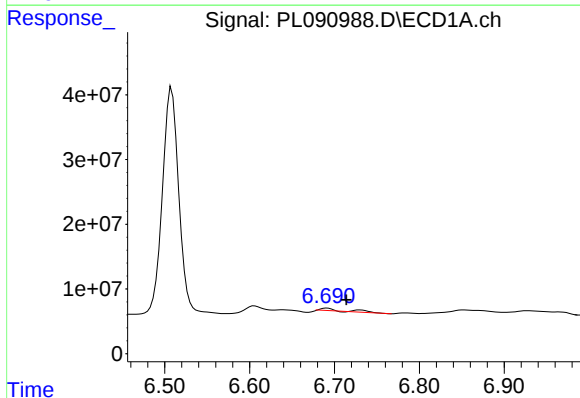
R.T.: 6.785 min  
Delta R.T.: -0.014 min  
Response: 1130587  
Conc: 0.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06



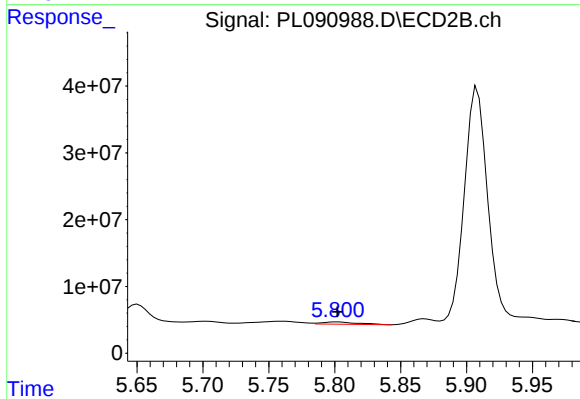
#15 Endosulfan II

R.T.: 5.971 min  
Delta R.T.: 0.022 min  
Response: 3942593  
Conc: 2.17 ng/ml



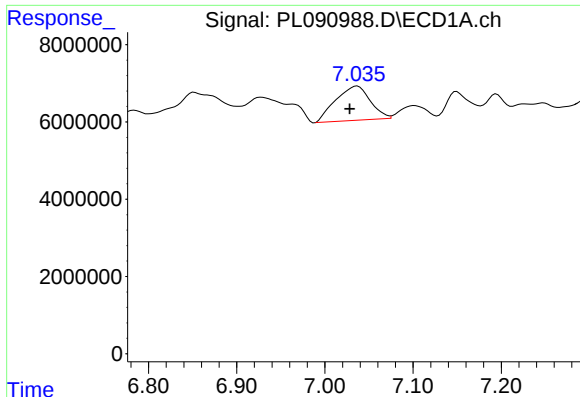
#16 4,4'-DDD

R.T.: 6.730 min  
Delta R.T.: 0.016 min  
Response: 5308625  
Conc: 3.22 ng/ml



#16 4,4'-DDD

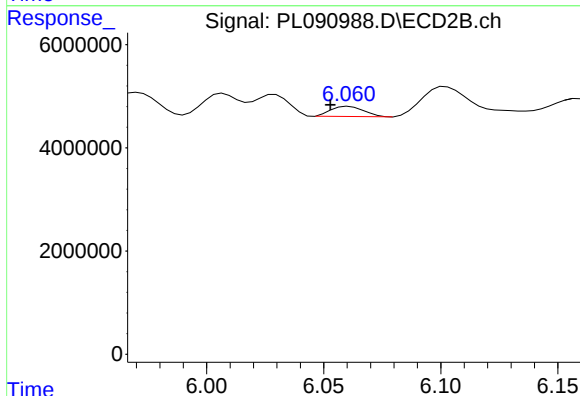
R.T.: 5.802 min  
Delta R.T.: 0.000 min  
Response: 6299064  
Conc: 4.06 ng/ml



#17 4,4'-DDT

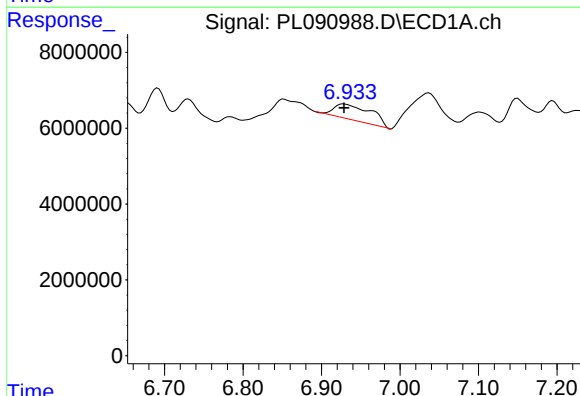
R.T.: 7.036 min  
Delta R.T.: 0.008 min  
Response: 24112058  
Conc: 13.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06



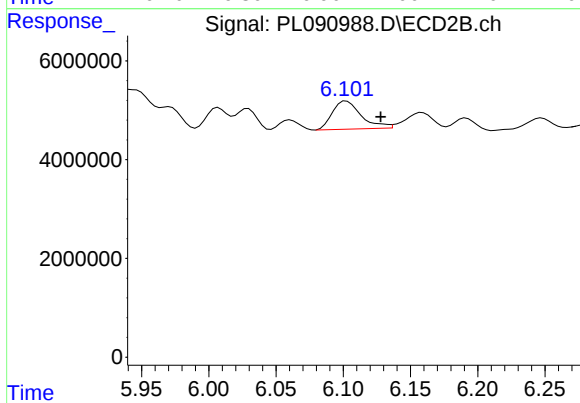
#17 4,4'-DDT

R.T.: 6.061 min  
Delta R.T.: 0.008 min  
Response: 1923859  
Conc: 1.16 ng/ml



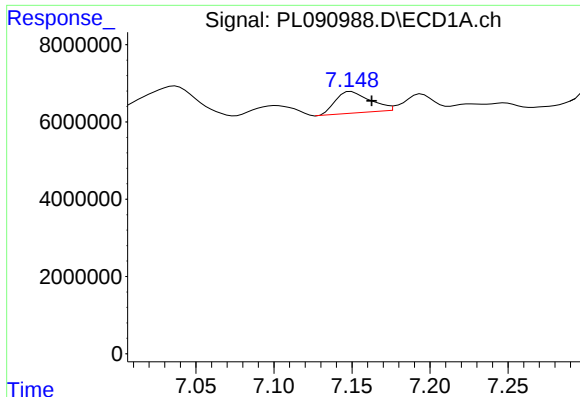
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: 0.000 min  
Response: 13494075  
Conc: 8.96 ng/ml



#18 Endrin aldehyde

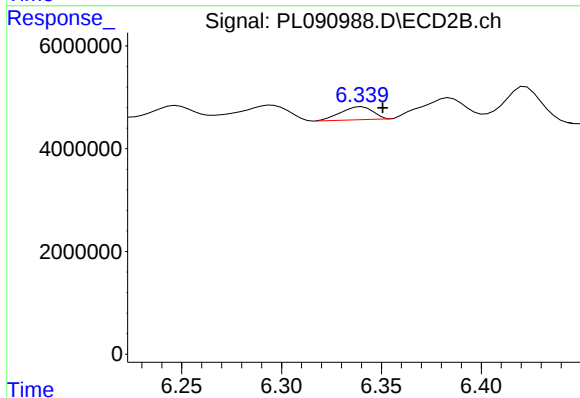
R.T.: 6.102 min  
Delta R.T.: -0.026 min  
Response: 8501620  
Conc: 6.00 ng/ml



#19 Endosulfan Sulfate

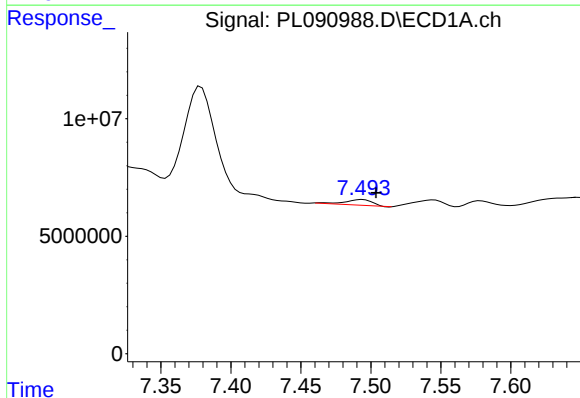
R.T.: 7.151 min  
Delta R.T.: -0.012 min  
Response: 8554891  
Conc: 4.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06



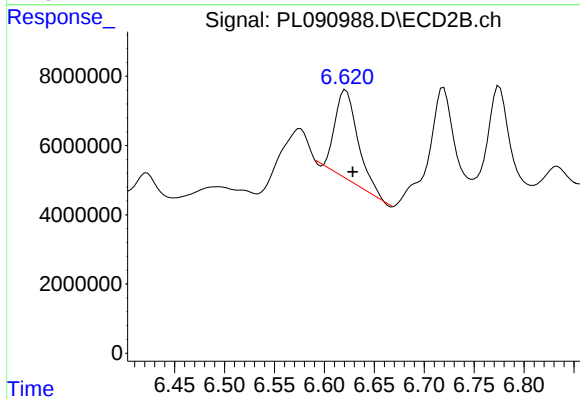
#19 Endosulfan Sulfate

R.T.: 6.340 min  
Delta R.T.: -0.010 min  
Response: 2818963  
Conc: 1.61 ng/ml



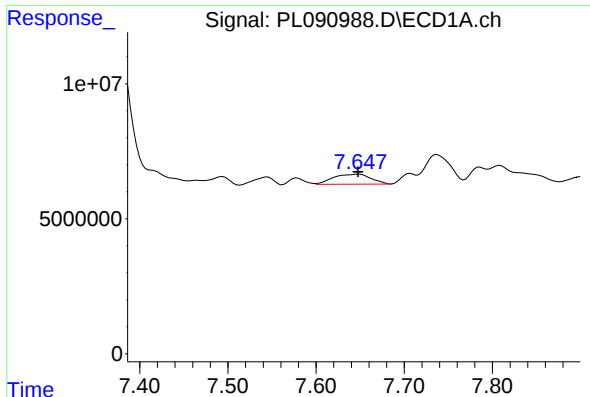
#20 Methoxychlor

R.T.: 7.493 min  
Delta R.T.: -0.011 min  
Response: 3177602  
Conc: 3.33 ng/ml



#20 Methoxychlor

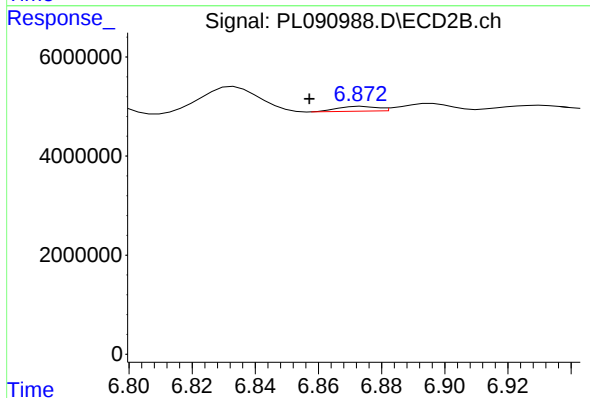
R.T.: 6.622 min  
Delta R.T.: -0.007 min  
Response: 41164096  
Conc: 44.60 ng/ml



#21 Endrin ketone

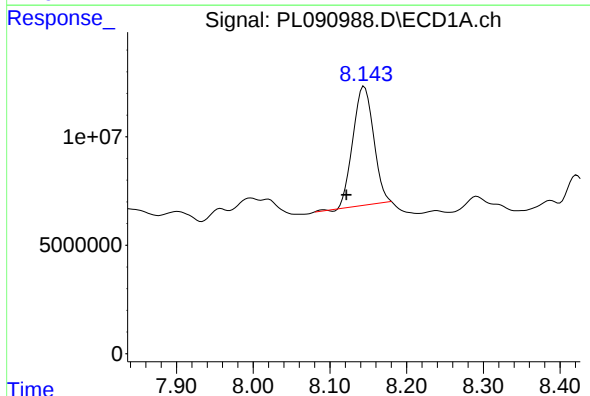
R.T.: 7.647 min  
Delta R.T.: 0.000 min  
Response: 10995080  
Conc: 5.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06



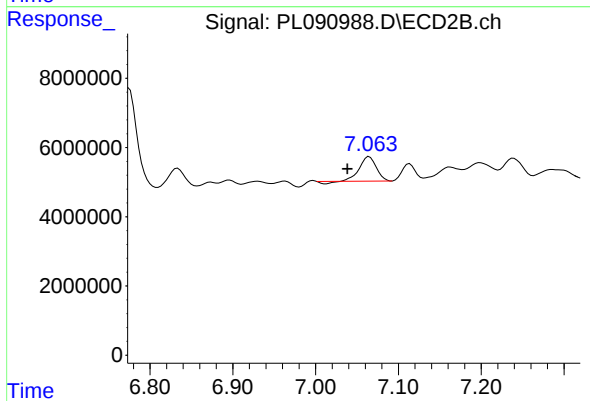
#21 Endrin ketone

R.T.: 6.874 min  
Delta R.T.: 0.017 min  
Response: 815372  
Conc: 0.41 ng/ml



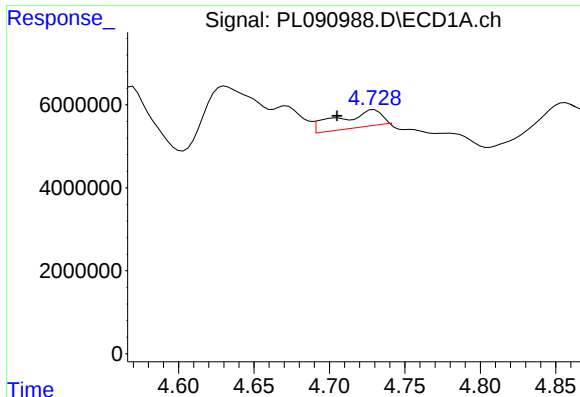
#22 Mirex

R.T.: 8.145 min  
Delta R.T.: 0.023 min  
Response: 103788653  
Conc: 66.77 ng/ml



#22 Mirex

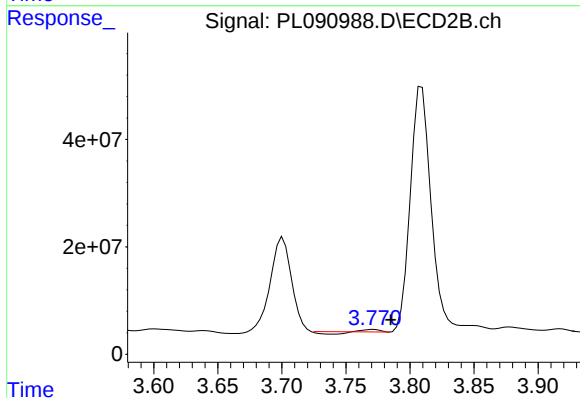
R.T.: 7.065 min  
Delta R.T.: 0.026 min  
Response: 9763713  
Conc: 5.81 ng/ml



#23 Chlordane-1

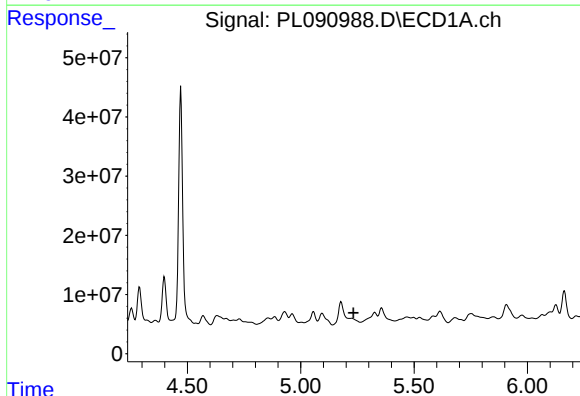
R.T.: 4.729 min  
Delta R.T.: 0.024 min  
Response: 8614899  
Conc: 92.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06



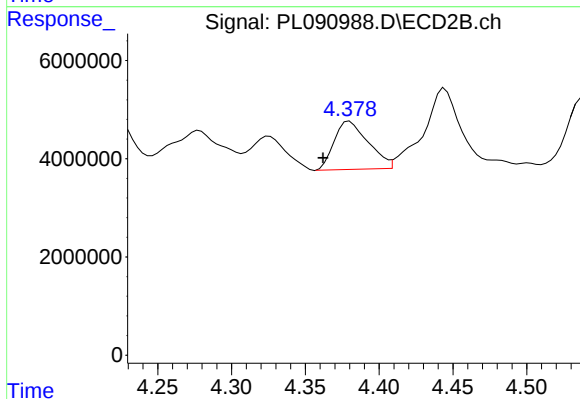
#23 Chlordane-1

R.T.: 3.772 min  
Delta R.T.: -0.013 min  
Response: 372747  
Conc: 5.53 ng/ml



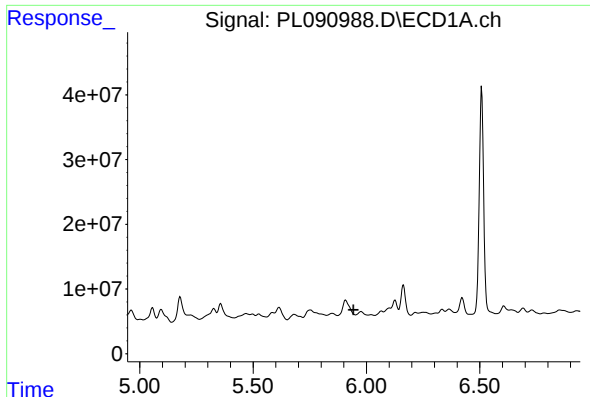
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.233 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

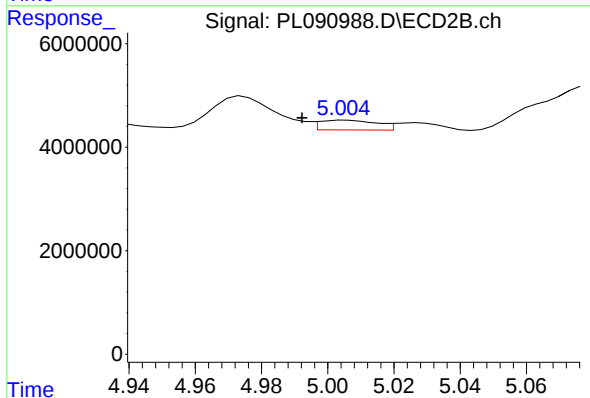
R.T.: 4.380 min  
Delta R.T.: 0.018 min  
Response: 15774070  
Conc: 189.65 ng/ml



#25 Chlordane-3

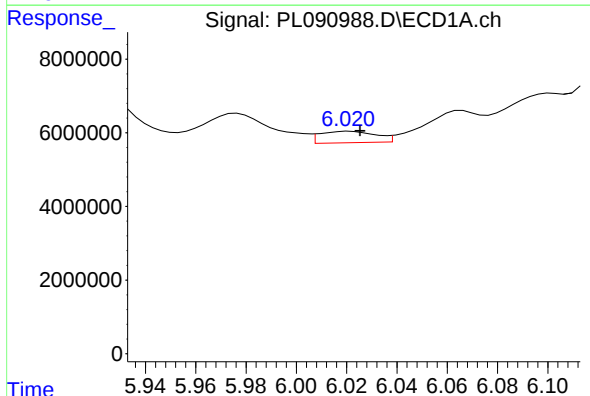
R.T.: 0.000 min  
Exp R.T.: 5.943 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06



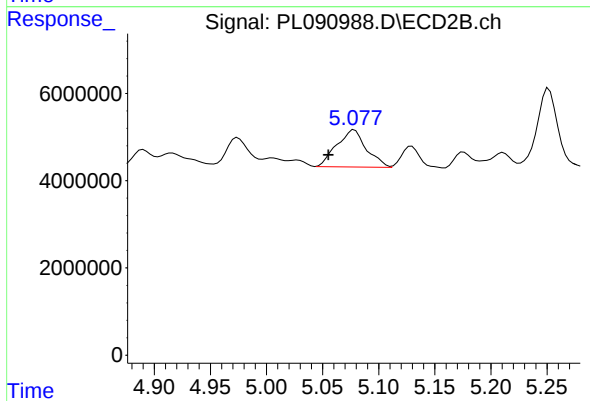
#25 Chlordane-3

R.T.: 5.006 min  
Delta R.T.: 0.013 min  
Response: 2261564  
Conc: 10.10 ng/ml



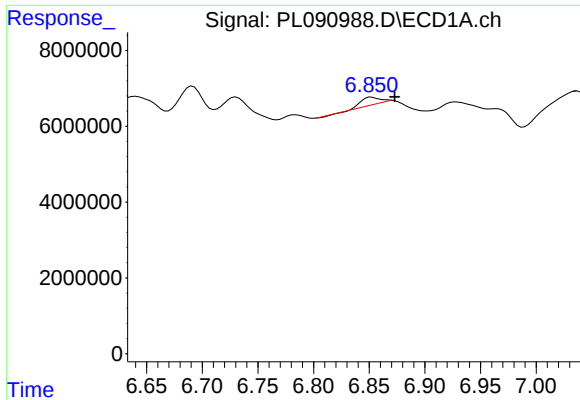
#26 Chlordane-4

R.T.: 6.021 min  
Delta R.T.: -0.005 min  
Response: 4810447  
Conc: 12.00 ng/ml



#26 Chlordane-4

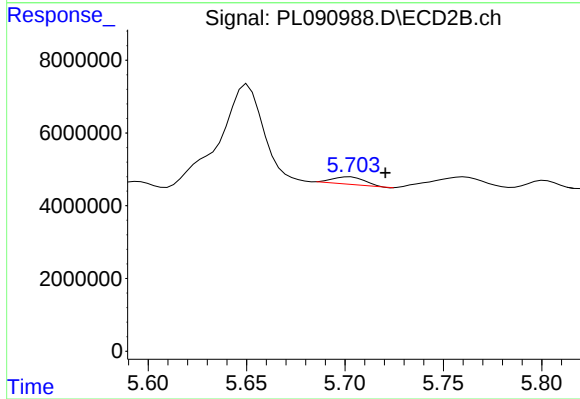
R.T.: 5.078 min  
Delta R.T.: 0.023 min  
Response: 15651872  
Conc: 73.15 ng/ml



#27 Chlordane-5

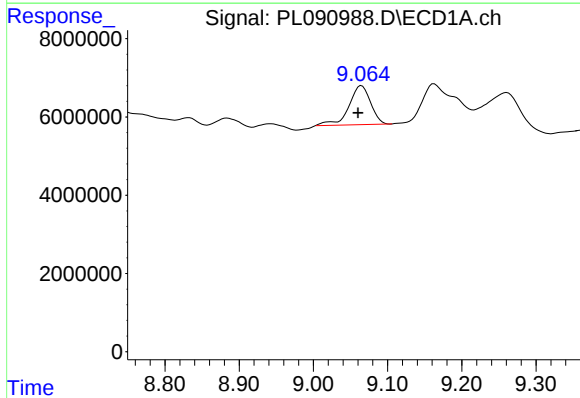
R.T.: 6.854 min  
Delta R.T.: -0.019 min  
Response: 1949692  
Conc: 23.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
MUL06



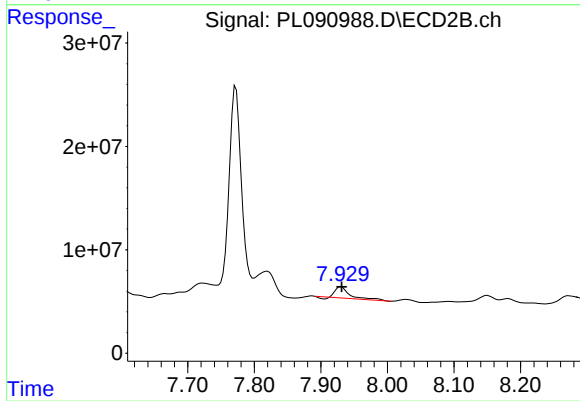
#27 Chlordane-5

R.T.: 5.703 min  
Delta R.T.: -0.018 min  
Response: 2338924  
Conc: 35.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min  
Delta R.T.: 0.005 min  
Response: 20242206  
Conc: 14.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.930 min  
Delta R.T.: -0.001 min  
Response: 15982568  
Conc: 9.58 ng/ml