

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL033121\  
 Data File : PL065772.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2021 07:31  
 Operator : AR\AJ  
 Sample : M1863-03  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB135462BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 01 08:23:48 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 31 15:57:28 2021  
 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... | 3.285  | 3.782  | 93554503  | 56556376 | 35.913   | 20.604 #  |
| 28)                         | SA Decachlor... | 7.912  | 8.729  | 27755249  | 33579106 | 11.984   | 14.894    |
| Target Compounds            |                 |        |        |           |          |          |           |
| 2)                          | A alpha-BHC     | 3.718  | 4.183f | 6903221   | 48498100 | 1.688    | 11.936 #  |
| 3)                          | MA gamma-BHC... | 3.983  | 4.439  | 533.6E6   | -5815421 | 144.160  | N.D. #    |
| 4)                          | MA Heptachlor   | 4.249  | 4.923  | 1137326   | 19890924 | 0.316    | 5.636 #   |
| 5)                          | MB Aldrin       | 4.489  | 5.224  | 22113168  | 47815563 | 6.477    | 14.482 #  |
| 6)                          | B beta-BHC      | 4.212  | 4.646f | -16741    | 1193931  | N.D.     | 0.685     |
| 7)                          | B delta-BHC     | 4.412  | 4.861f | 6642408   | -3652113 | 1.846    | N.D. #    |
| 8)                          | B Heptachlo...  | 4.916  | 5.606  | 13020689  | 106.5E6  | 4.141    | 34.292 #  |
| 9)                          | A Endosulfan I  | 5.273f | 5.962  | 19102826  | 38652734 | 6.629    | 14.079 #  |
| 10)                         | B gamma-Chl...  | 5.163  | 5.843  | 51263839  | 9903675  | 16.290   | 3.301 #   |
| 11)                         | B alpha-Chl...  | 5.209  | 0.000  | 215.5E6   | 0        | 69.272   | N.D. #    |
| 12)                         | B 4,4'-DDE      | 5.380  | 6.069  | 25513546  | 18412222 | 9.247    | 7.048     |
| 13)                         | MA Dieldrin     | 5.501  | 6.227  | -18357973 | 21292148 | N.D.     | 7.555     |
| 14)                         | MA Endrin       | 5.742  | 6.435  | 12902104  | 5139056  | 4.779    | 2.063 #   |
| 15)                         | B Endosulfa...  | 6.041f | 6.627f | 50933736  | 176.5E6  | 20.508   | 74.676 #  |
| 17)                         | MA 4,4'-DDT     | 6.116  | 0.000  | 17107620  | 0        | 8.120    | N.D. #    |
| 18)                         | B Endrin al...  | 6.186  | 6.803f | 22473302  | 6479730  | 11.877   | 3.415 #   |
| 19)                         | B Endosulfa...  | 6.398  | 6.979f | 1665180   | 44109527 | 0.645    | 18.182 #  |
| 21)                         | B Endrin ke...  | 6.878  | 7.462  | 3241616   | 5957223  | 1.182    | 2.318 #   |
| 22)                         | Mirex           | 7.029  | 7.904  | 23434211  | 6661843  | 11.190   | 3.413 #   |
| 23)                         | Chlordane-1     | 4.135f | 4.735  | 9037250   | 87181388 | 100.161  | 789.336 # |
| 24)                         | Chlordane-2     | 4.587  | 5.224f | 144.0E6   | 47815563 | 1252.953 | 417.828 # |
| 25)                         | Chlordane-3     | 5.163  | 5.843  | 51263839  | 9903675  | 164.936  | 23.300 #  |
| 26)                         | Chlordane-4     | 5.209  | 0.000  | 215.5E6   | 0        | 754.911  | N.D. #    |
| 27)                         | Chlordane-5     | 6.041f | 6.727f | 50933736  | 54768054 | 497.969  | 656.876 # |
| -----                       |                 |        |        |           |          |          |           |

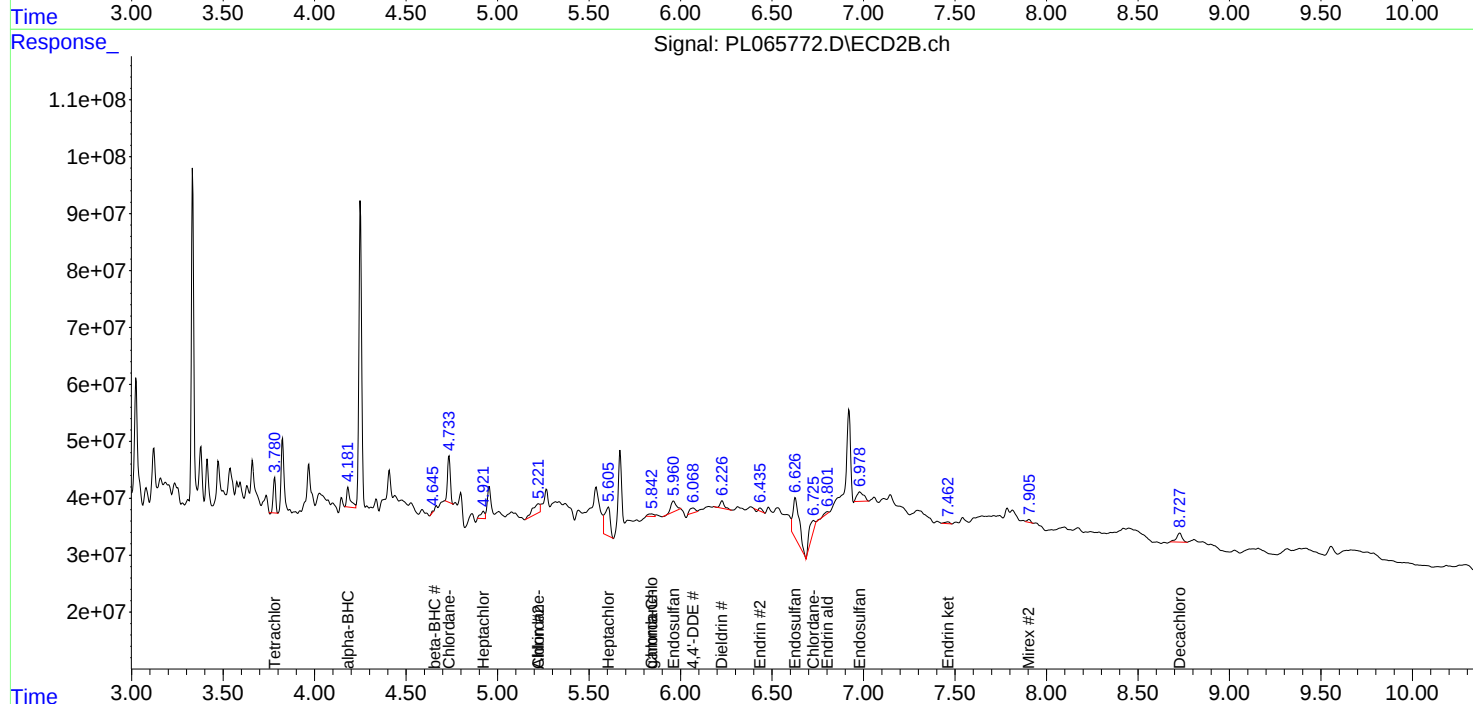
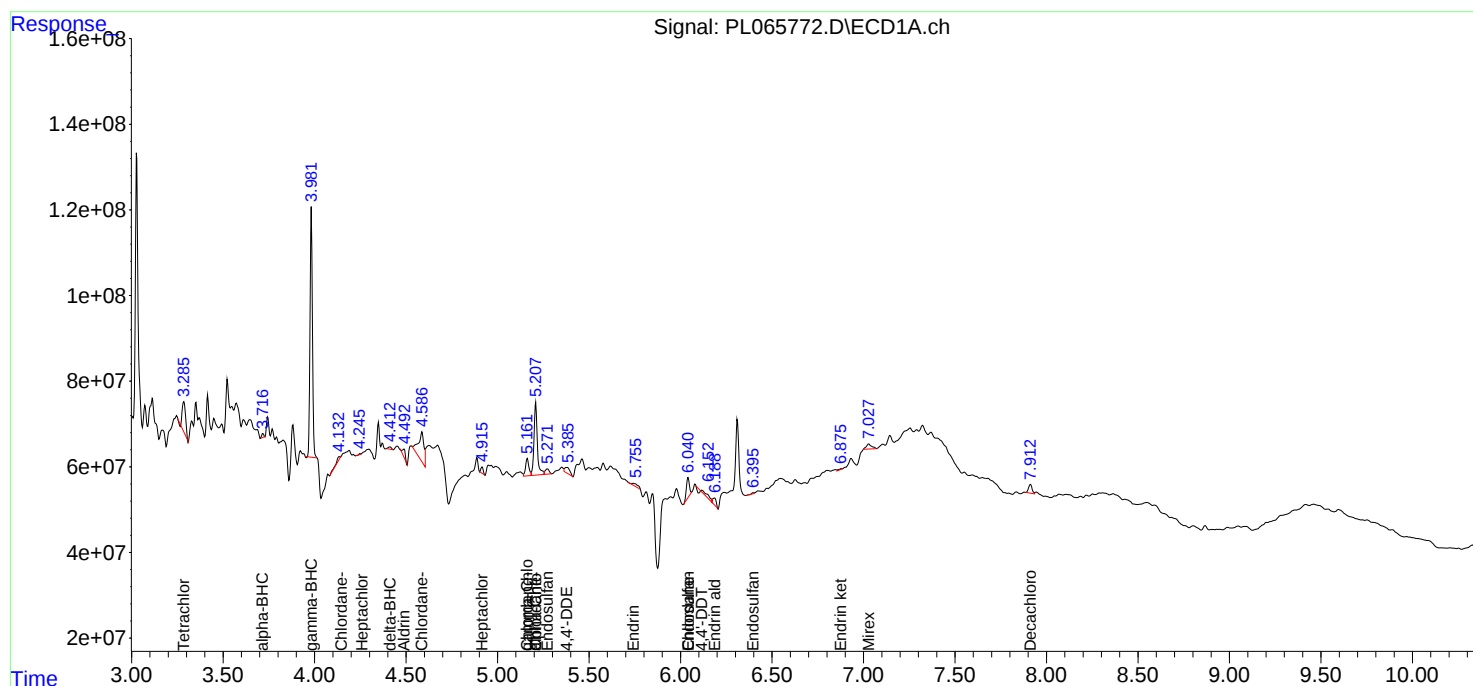
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

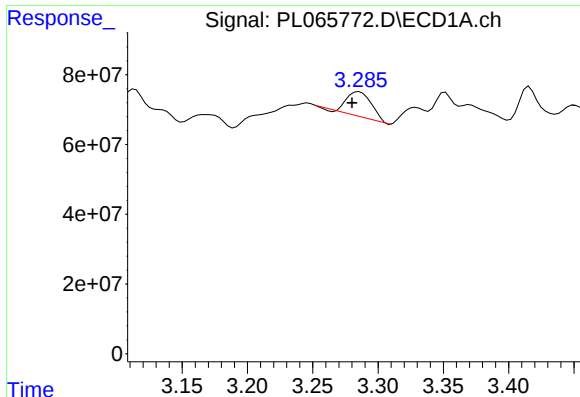
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL033121\  
Data File : PL065772.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Apr 2021 07:31  
Operator : AR\AJ  
Sample : M1863-03  
Misc :  
ALS Vial : 66 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PB135462BL

Integration File signal 1: autoint1.e  
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Quant Time: Apr 01 08:23:48 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL033121.M  
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QLast Update : Wed Mar 31 15:57:28 2021  
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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

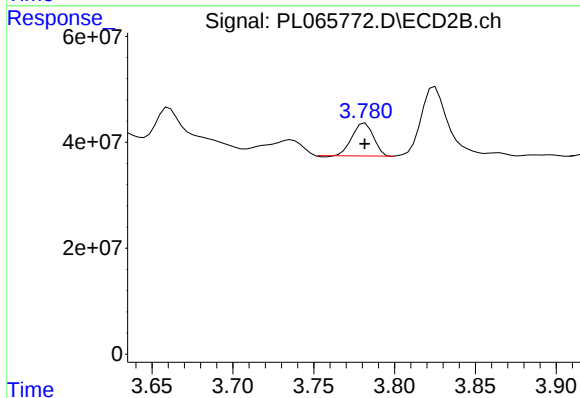




#1 Tetrachloro-m-xylene

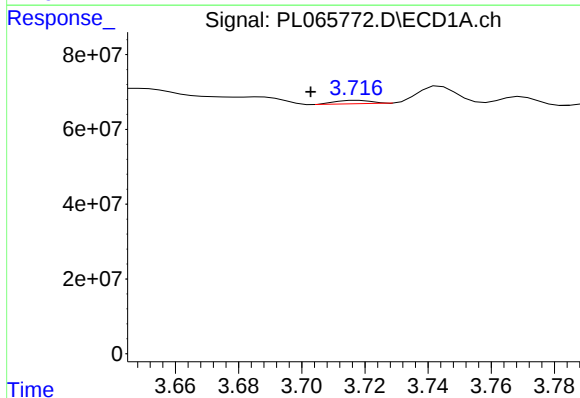
R.T.: 3.285 min  
Delta R.T.: 0.005 min  
Response: 93554503  
Conc: 35.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BL



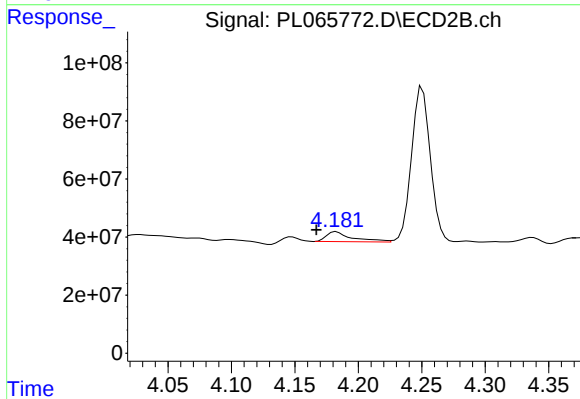
#1 Tetrachloro-m-xylene

R.T.: 3.782 min  
Delta R.T.: 0.000 min  
Response: 56556376  
Conc: 20.60 ng/ml



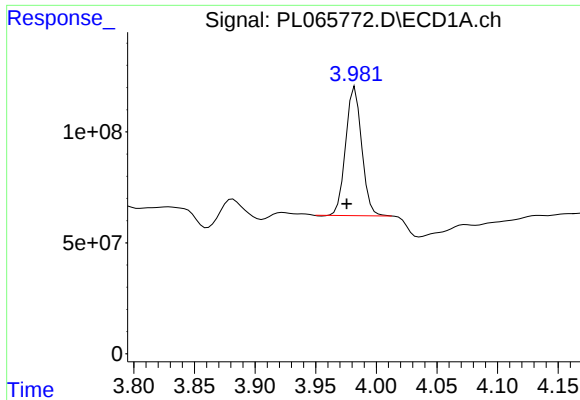
#2 alpha-BHC

R.T.: 3.718 min  
Delta R.T.: 0.015 min  
Response: 6903221  
Conc: 1.69 ng/ml



#2 alpha-BHC

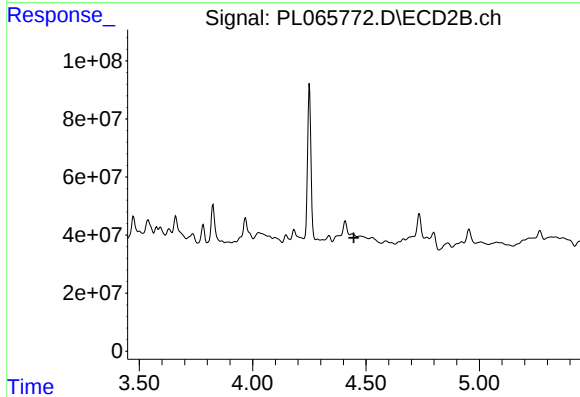
R.T.: 4.183 min  
Delta R.T.: 0.016 min  
Response: 48498100  
Conc: 11.94 ng/ml



#3 gamma-BHC (Lindane)

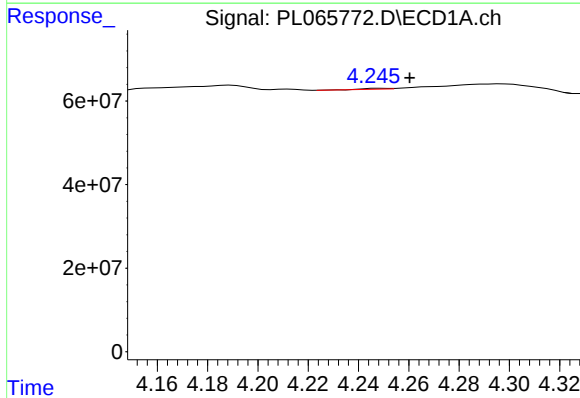
R.T.: 3.983 min  
Delta R.T.: 0.007 min  
Response: 533634801  
Conc: 144.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BL



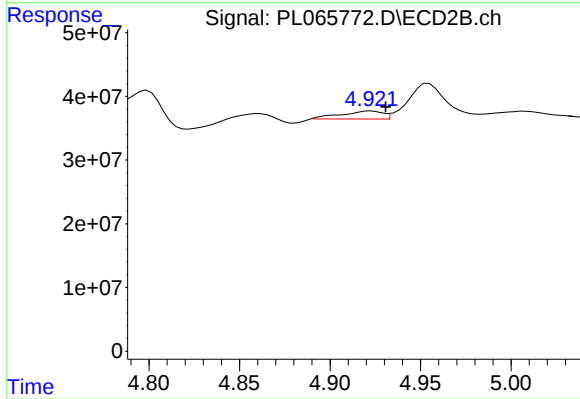
#3 gamma-BHC (Lindane)

R.T.: 4.439 min  
Delta R.T.: -0.007 min  
Response: -5815421  
Conc: N.D.



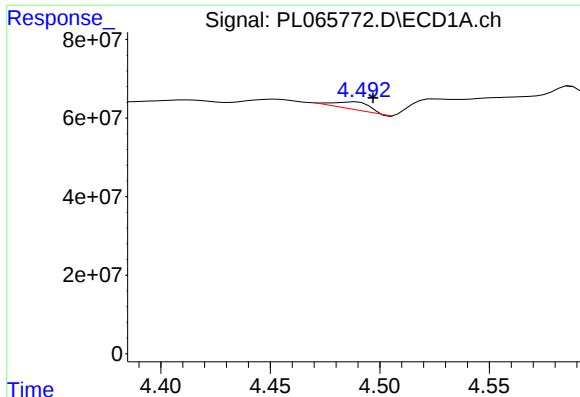
#4 Heptachlor

R.T.: 4.249 min  
Delta R.T.: -0.012 min  
Response: 1137326  
Conc: 0.32 ng/ml



#4 Heptachlor

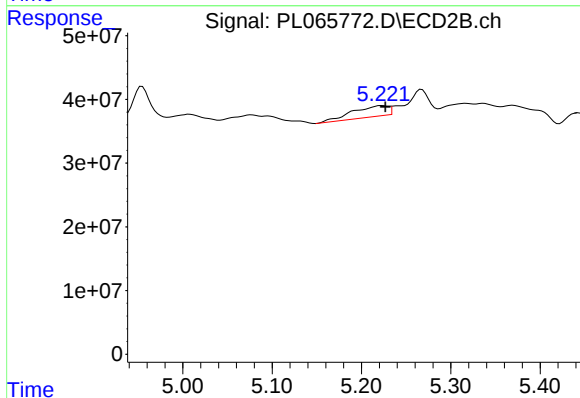
R.T.: 4.923 min  
Delta R.T.: -0.008 min  
Response: 19890924  
Conc: 5.64 ng/ml



#5 Aldrin

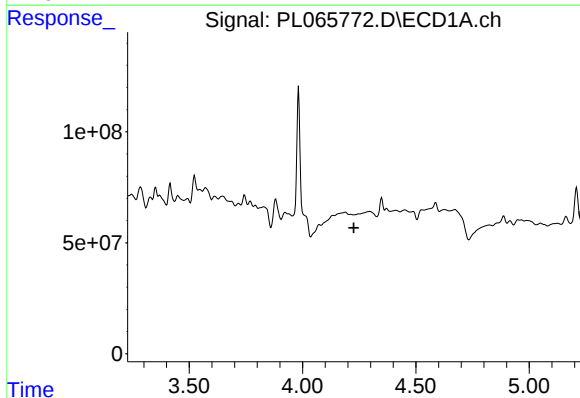
R.T.: 4.489 min  
Delta R.T.: -0.008 min  
Response: 22113168  
Conc: 6.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BL



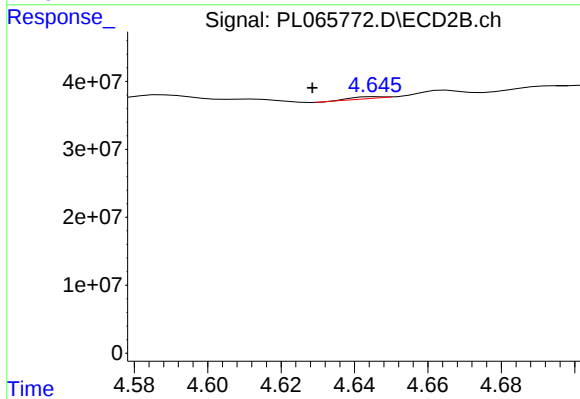
#5 Aldrin

R.T.: 5.224 min  
Delta R.T.: -0.003 min  
Response: 47815563  
Conc: 14.48 ng/ml



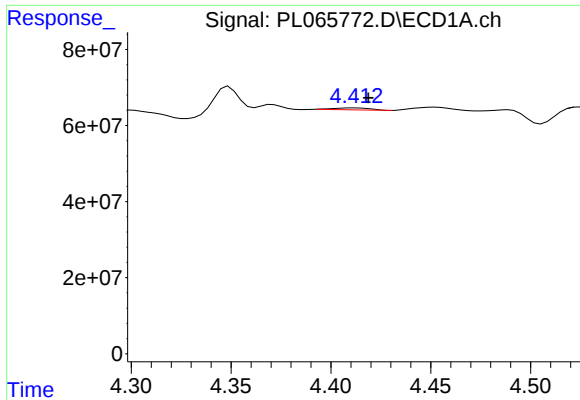
#6 beta-BHC

R.T.: 4.212 min  
Delta R.T.: -0.014 min  
Response: -16741  
Conc: N.D.



#6 beta-BHC

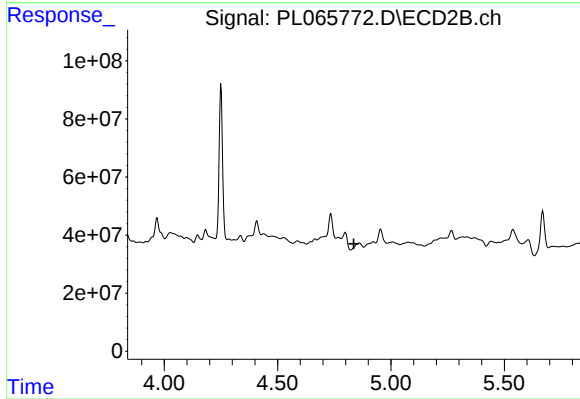
R.T.: 4.646 min  
Delta R.T.: 0.018 min  
Response: 1193931  
Conc: 0.69 ng/ml



#7 delta-BHC

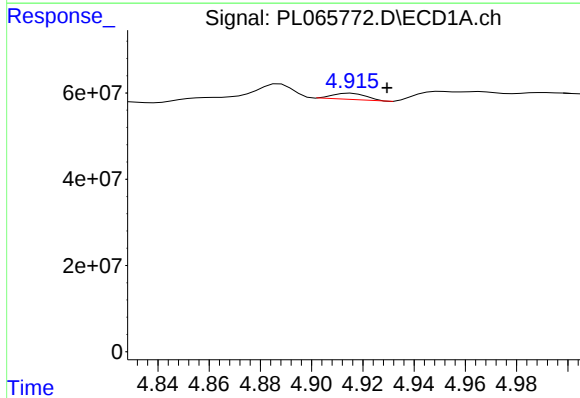
R.T.: 4.412 min  
Delta R.T.: -0.006 min  
Response: 6642408  
Conc: 1.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BL



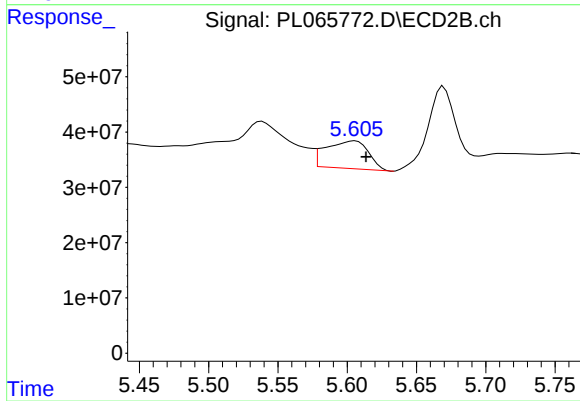
#7 delta-BHC

R.T.: 4.861 min  
Delta R.T.: 0.025 min  
Response: -3652113  
Conc: N.D.



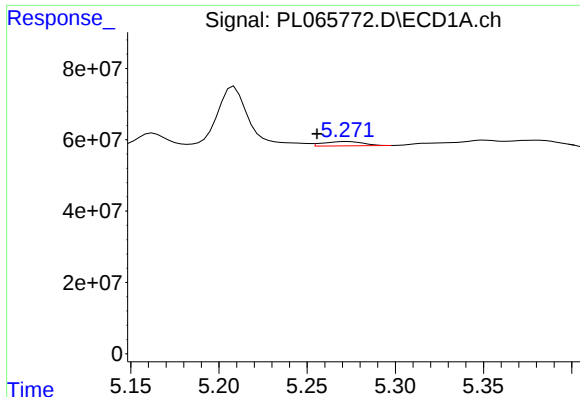
#8 Heptachlor epoxide

R.T.: 4.916 min  
Delta R.T.: -0.014 min  
Response: 13020689  
Conc: 4.14 ng/ml



#8 Heptachlor epoxide

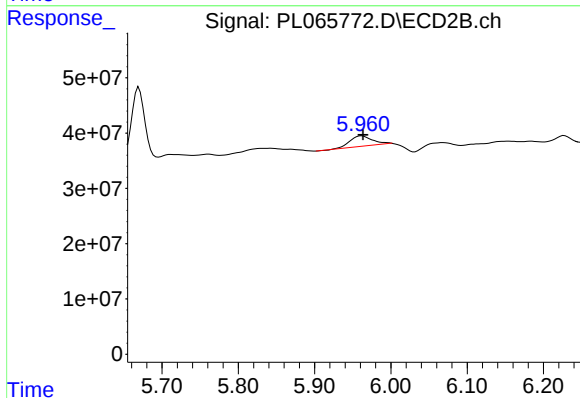
R.T.: 5.606 min  
Delta R.T.: -0.008 min  
Response: 106488079  
Conc: 34.29 ng/ml



#9 Endosulfan I

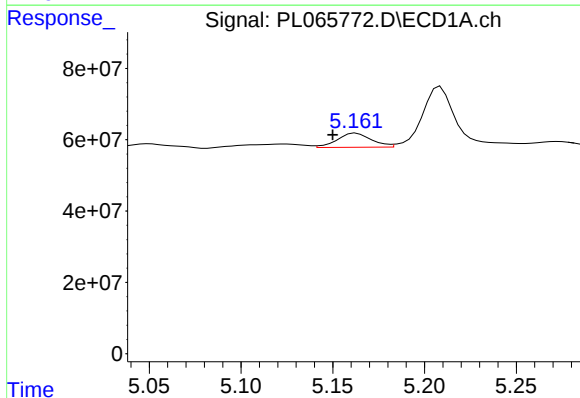
R.T.: 5.273 min  
Delta R.T.: 0.017 min  
Response: 19102826  
Conc: 6.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BL



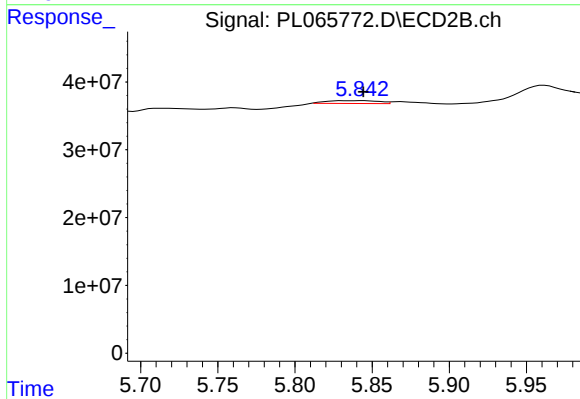
#9 Endosulfan I

R.T.: 5.962 min  
Delta R.T.: -0.002 min  
Response: 38652734  
Conc: 14.08 ng/ml



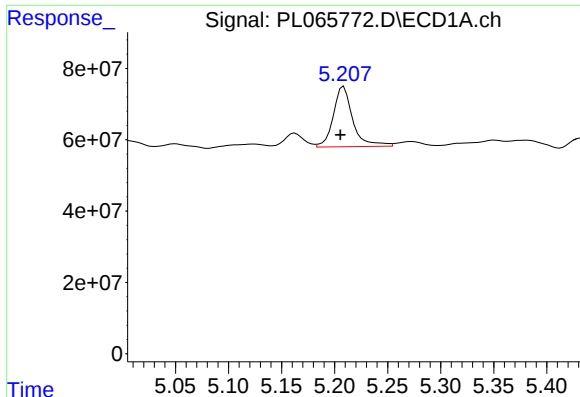
#10 gamma-Chlordane

R.T.: 5.163 min  
Delta R.T.: 0.013 min  
Response: 51263839  
Conc: 16.29 ng/ml



#10 gamma-Chlordane

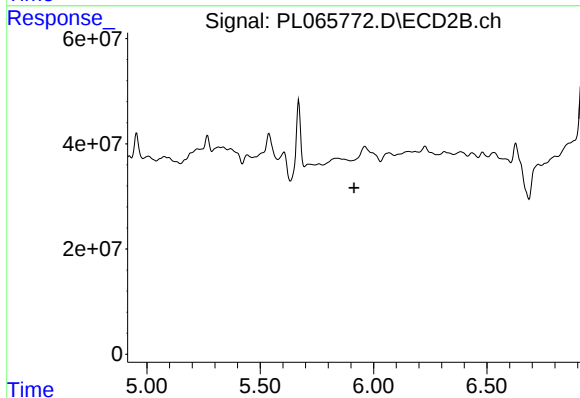
R.T.: 5.843 min  
Delta R.T.: -0.001 min  
Response: 9903675  
Conc: 3.30 ng/ml



#11 alpha-Chlordane

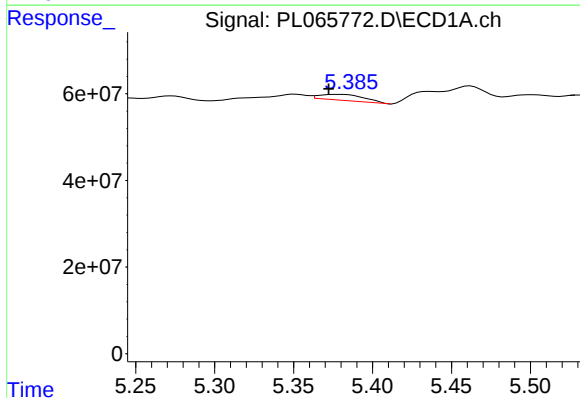
R.T.: 5.209 min  
Delta R.T.: 0.003 min  
Response: 215537270  
Conc: 69.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BL



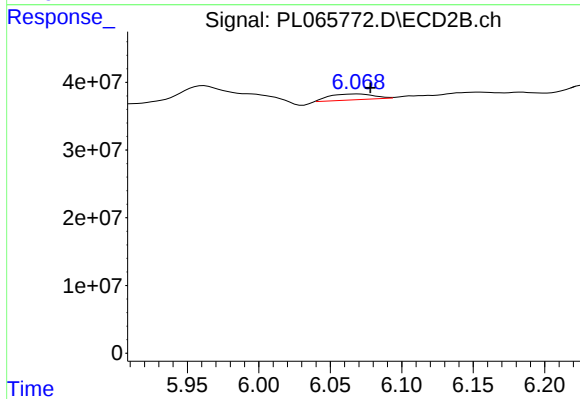
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.914 min  
Response: 0  
Conc: N.D.



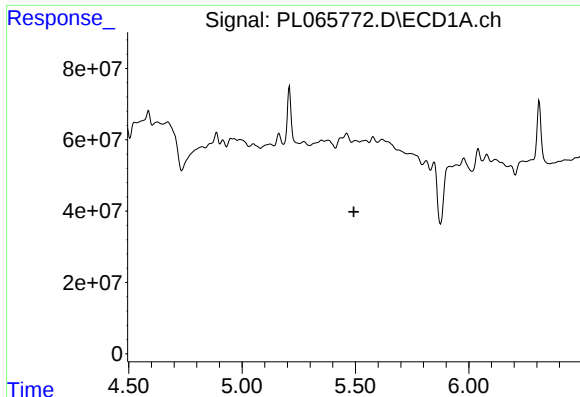
#12 4,4'-DDE

R.T.: 5.380 min  
Delta R.T.: 0.008 min  
Response: 25513546  
Conc: 9.25 ng/ml



#12 4,4'-DDE

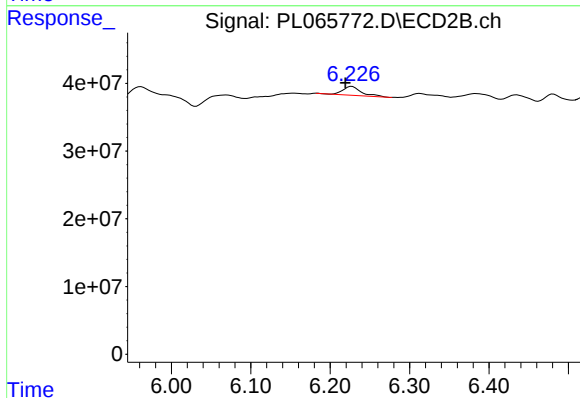
R.T.: 6.069 min  
Delta R.T.: -0.009 min  
Response: 18412222  
Conc: 7.05 ng/ml



#13 Dieldrin

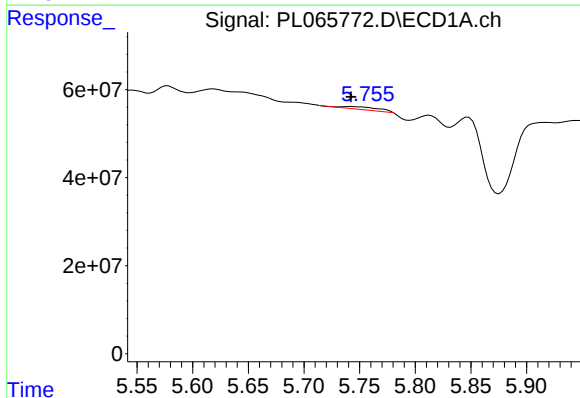
R.T.: 5.501 min  
Delta R.T.: 0.008 min  
Response: -18357973  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BL



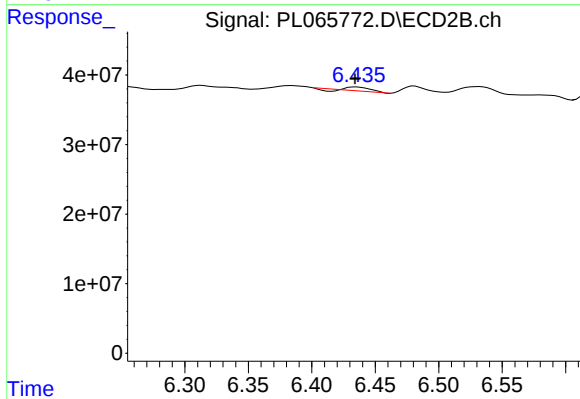
#13 Dieldrin

R.T.: 6.227 min  
Delta R.T.: 0.008 min  
Response: 21292148  
Conc: 7.55 ng/ml



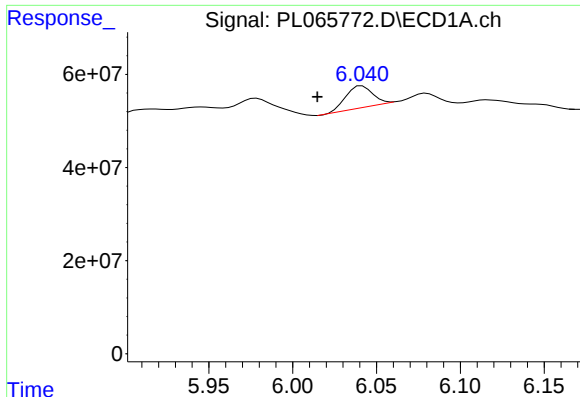
#14 Endrin

R.T.: 5.742 min  
Delta R.T.: 0.000 min  
Response: 12902104  
Conc: 4.78 ng/ml



#14 Endrin

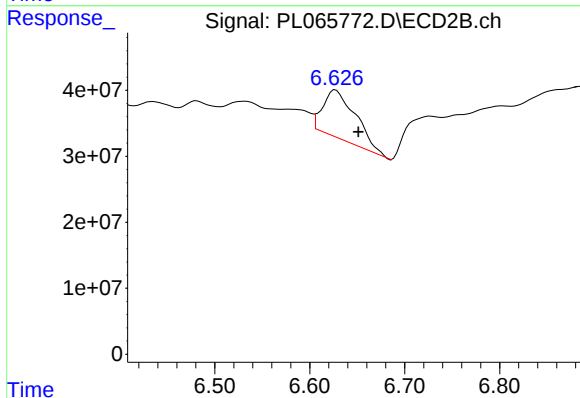
R.T.: 6.435 min  
Delta R.T.: 0.000 min  
Response: 5139056  
Conc: 2.06 ng/ml



#15 Endosulfan II

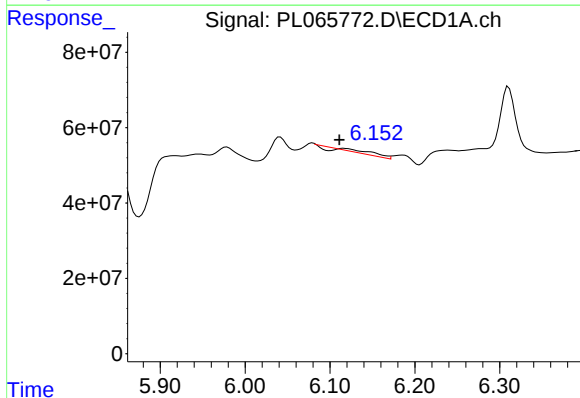
R.T.: 6.041 min  
Delta R.T.: 0.027 min  
Response: 50933736  
Conc: 20.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BL



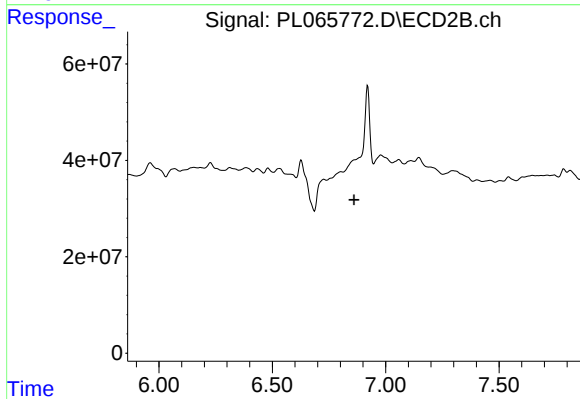
#15 Endosulfan II

R.T.: 6.627 min  
Delta R.T.: -0.024 min  
Response: 176492302  
Conc: 74.68 ng/ml



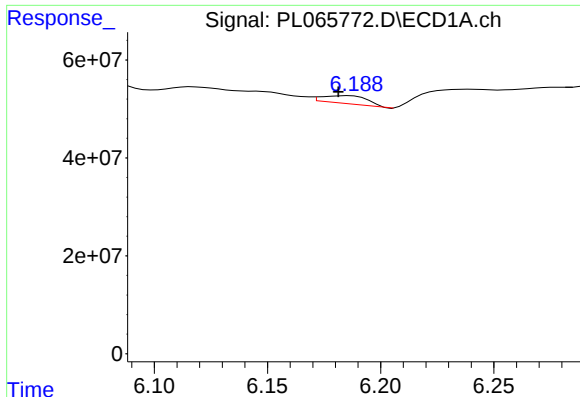
#17 4,4'-DDT

R.T.: 6.116 min  
Delta R.T.: 0.005 min  
Response: 17107620  
Conc: 8.12 ng/ml



#17 4,4'-DDT

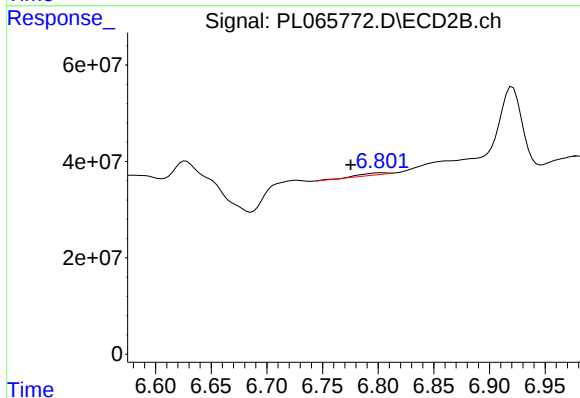
R.T.: 0.000 min  
Exp R.T.: 6.861 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

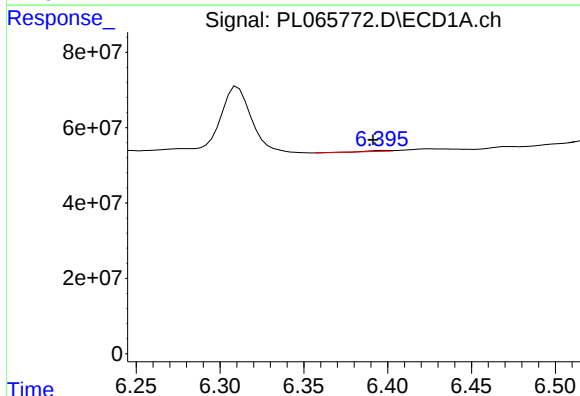
R.T.: 6.186 min  
Delta R.T.: 0.005 min  
Response: 22473302  
Conc: 11.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BL



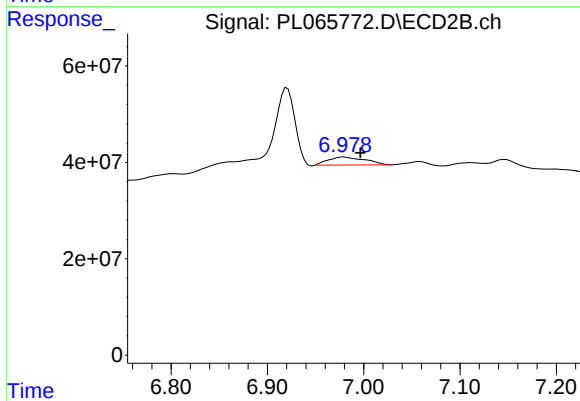
#18 Endrin aldehyde

R.T.: 6.803 min  
Delta R.T.: 0.027 min  
Response: 6479730  
Conc: 3.41 ng/ml



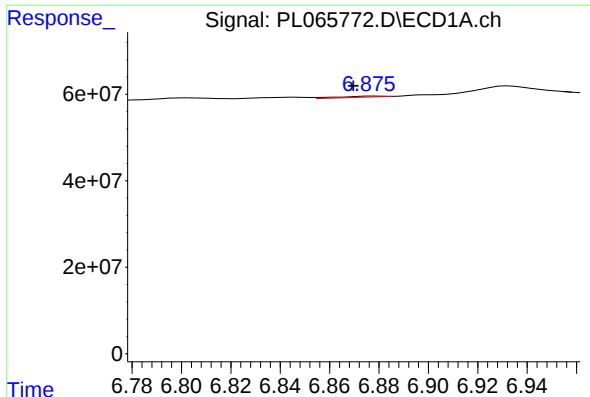
#19 Endosulfan Sulfate

R.T.: 6.398 min  
Delta R.T.: 0.006 min  
Response: 1665180  
Conc: 0.65 ng/ml



#19 Endosulfan Sulfate

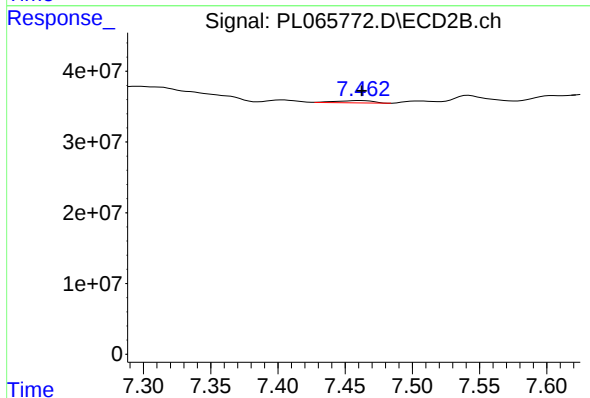
R.T.: 6.979 min  
Delta R.T.: -0.017 min  
Response: 44109527  
Conc: 18.18 ng/ml



#21 Endrin ketone

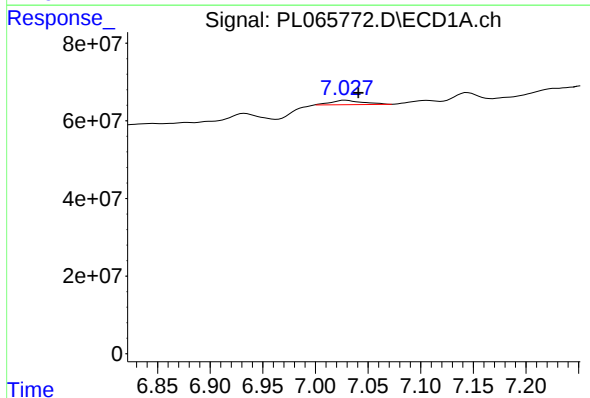
R.T.: 6.878 min  
Delta R.T.: 0.009 min  
Response: 3241616  
Conc: 1.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BL



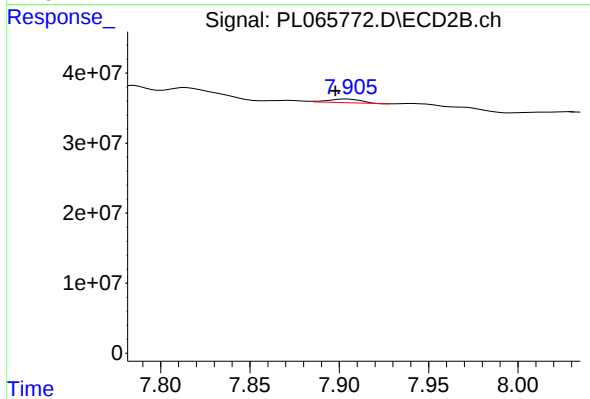
#21 Endrin ketone

R.T.: 7.462 min  
Delta R.T.: 0.000 min  
Response: 5957223  
Conc: 2.32 ng/ml



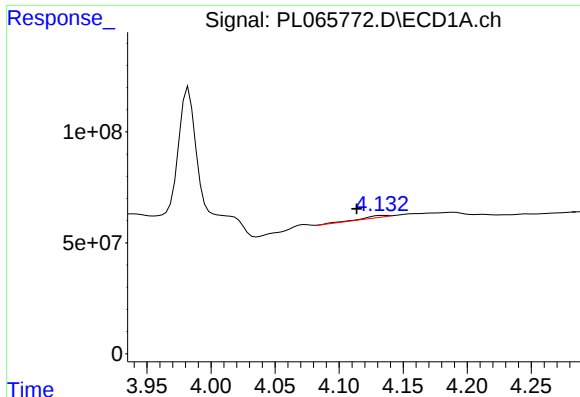
#22 Mirex

R.T.: 7.029 min  
Delta R.T.: -0.012 min  
Response: 23434211  
Conc: 11.19 ng/ml



#22 Mirex

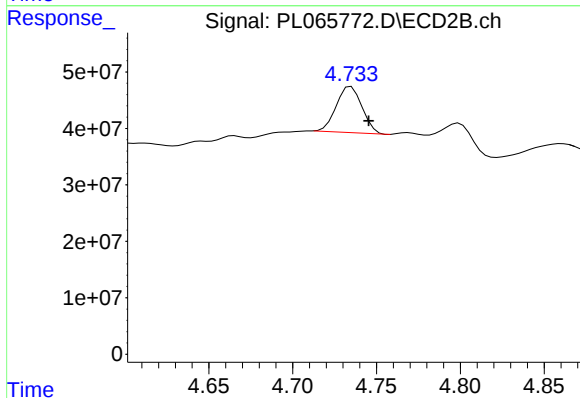
R.T.: 7.904 min  
Delta R.T.: 0.007 min  
Response: 6661843  
Conc: 3.41 ng/ml



#23 Chlordane-1

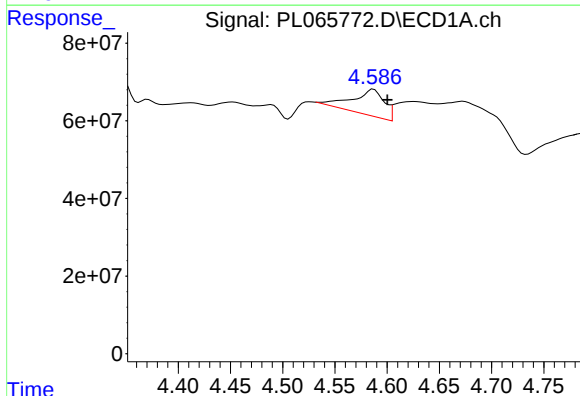
R.T.: 4.135 min  
Delta R.T.: 0.021 min  
Response: 9037250  
Conc: 100.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BL



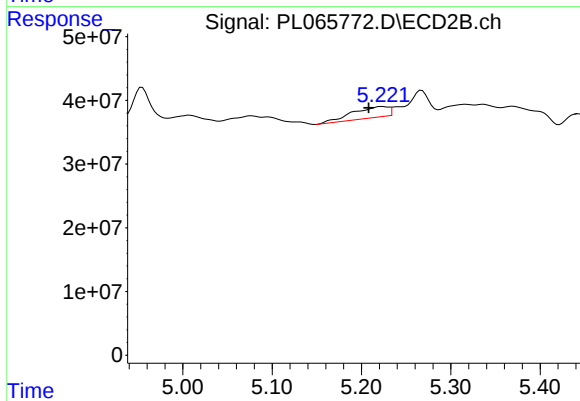
#23 Chlordane-1

R.T.: 4.735 min  
Delta R.T.: -0.010 min  
Response: 87181388  
Conc: 789.34 ng/ml



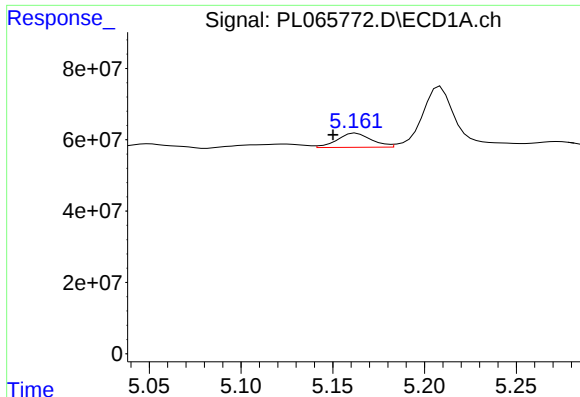
#24 Chlordane-2

R.T.: 4.587 min  
Delta R.T.: -0.013 min  
Response: 144006426  
Conc: 1252.95 ng/ml



#24 Chlordane-2

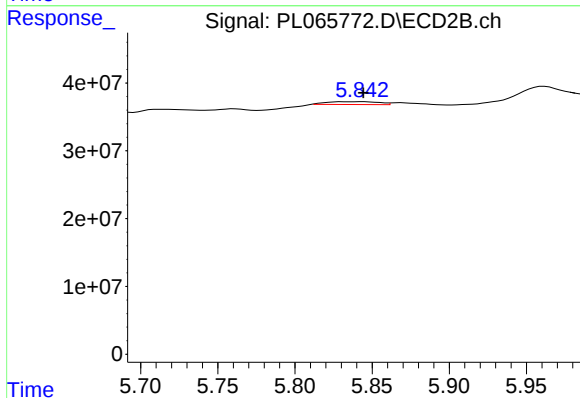
R.T.: 5.224 min  
Delta R.T.: 0.016 min  
Response: 47815563  
Conc: 417.83 ng/ml



#25 Chlordane-3

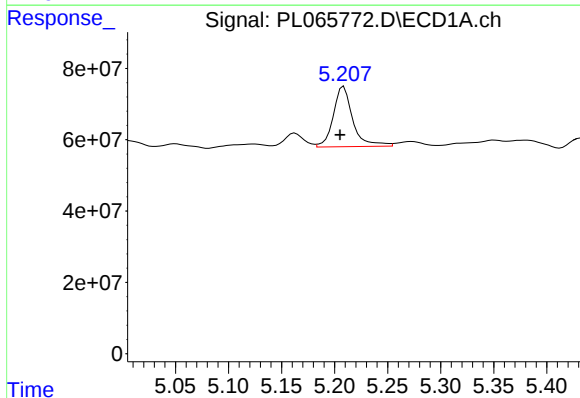
R.T.: 5.163 min  
Delta R.T.: 0.013 min  
Response: 51263839  
Conc: 164.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BL



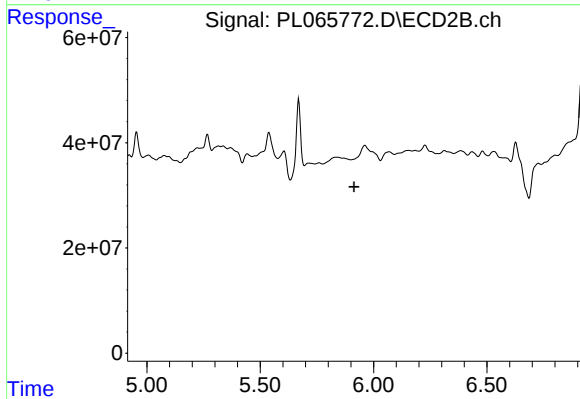
#25 Chlordane-3

R.T.: 5.843 min  
Delta R.T.: -0.001 min  
Response: 9903675  
Conc: 23.30 ng/ml



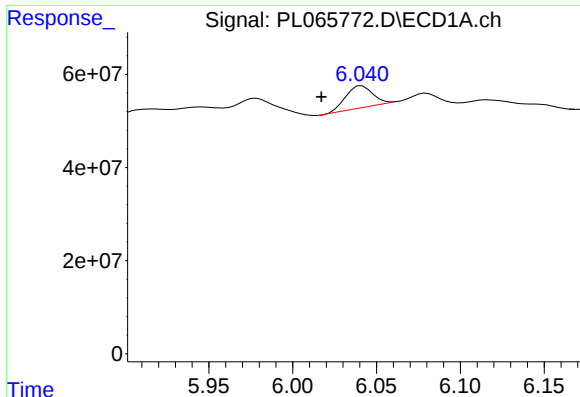
#26 Chlordane-4

R.T.: 5.209 min  
Delta R.T.: 0.004 min  
Response: 215537270  
Conc: 754.91 ng/ml



#26 Chlordane-4

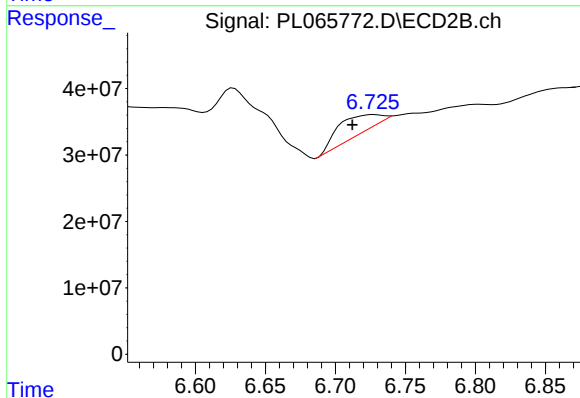
R.T.: 0.000 min  
Exp R.T.: 5.914 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

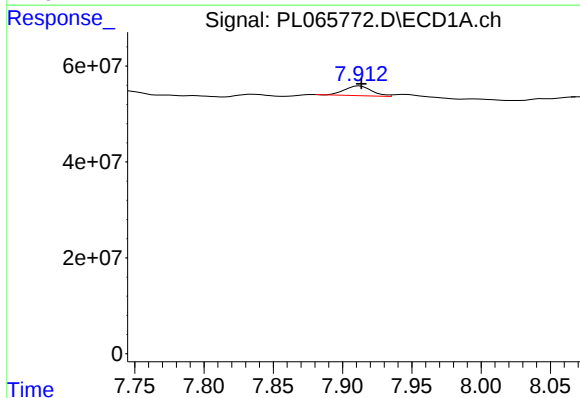
R.T.: 6.041 min  
Delta R.T.: 0.024 min  
Response: 50933736  
Conc: 497.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB135462BL



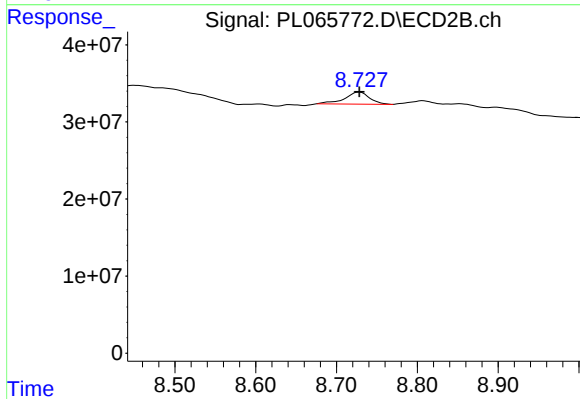
#27 Chlordane-5

R.T.: 6.727 min  
Delta R.T.: 0.015 min  
Response: 54768054  
Conc: 656.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: -0.001 min  
Response: 27755249  
Conc: 11.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.729 min  
Delta R.T.: 0.000 min  
Response: 33579106  
Conc: 14.89 ng/ml