

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040220\  
 Data File : PL057734.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Apr 2020 16:01  
 Operator : AJ\MA  
 Sample : L2132-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 03 00:57:07 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 16 09:40:37 2020  
 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... | 3.474f | 3.956  | 229.6E6  | 27874461 | 24.769    | 12.848 #  |
| 28)                         | SA Decachlor... | 8.208  | 8.982  | 113.9E6  | 26691480 | 10.767    | 12.038    |
| Target Compounds            |                 |        |        |          |          |           |           |
| 2)                          | A alpha-BHC     | 3.897  | 4.368f | 51490470 | 936650   | 3.232     | 0.292 #   |
| 3)                          | MA gamma-BHC... | 4.160f | 0.000  | 7197880  | 0        | 0.501     | N.D. #    |
| 4)                          | MA Heptachlor   | 4.492  | 5.117  | 6077254  | 4739563  | 0.409     | 1.506 #   |
| 5)                          | MB Aldrin       | 4.736  | 5.427  | 17548885 | 3239352  | 1.272     | 1.062     |
| 6)                          | B beta-BHC      | 4.406f | 0.000  | 42604027 | 0        | 7.247     | N.D. #    |
| 7)                          | B delta-BHC     | 4.621  | 4.991f | 18016499 | 7254566  | 1.284     | 6.691 #   |
| 8)                          | Heptachlo...    | 5.166  | 5.821  | 2873366  | 5459811  | 0.224     | 2.001 #   |
| 9)                          | A Endosulfan I  | 5.508  | 6.189f | 33119052 | 1179720  | 2.785     | 0.415 #   |
| 10)                         | B gamma-Chl...  | 0.000  | 6.042  | 0        | 10501884 | N.D.      | 3.407 #   |
| 11)                         | B alpha-Chl...  | 5.463  | 6.096f | 3653585  | 5493322  | 0.283     | 1.765 #   |
| 12)                         | B 4,4'-DDE      | 5.644f | 0.000  | 51865132 | 0        | 4.164     | N.D. #    |
| 13)                         | MA Dieldrin     | 5.755  | 6.406f | 9810312  | 2662142  | 0.778     | 0.900     |
| 14)                         | MA Endrin       | 5.992f | 6.648  | -2623100 | 3507840  | N.D.      | 1.454     |
| 15)                         | B Endosulfa...  | 6.294  | 6.873f | 48559916 | 8894736  | 4.471     | 3.386     |
| 16)                         | A 4,4'-DDD      | 6.149  | 6.767  | 35619349 | 7554299  | 3.634     | 3.308     |
| 17)                         | MA 4,4'-DDT     | 6.386  | 7.090f | 4466305  | 2306390  | 0.448     | 1.013 #   |
| 18)                         | B Endrin al...  | 6.447  | 6.982  | 12633217 | 4278701  | 1.368     | 1.925 #   |
| 19)                         | B Endosulfa...  | 6.668  | 7.213  | 11430808 | 1413947  | 1.138     | 0.580 #   |
| 20)                         | A Methoxychlor  | 6.932  | 7.514  | 21923226 | 3759908  | 4.086     | 2.891 #   |
| 21)                         | B Endrin ke...  | 7.150  | 7.644f | 4809982  | 4278556  | 0.426     | 1.653 #   |
| 22)                         | Mirex           | 7.335  | 8.106  | 13534733 | 4734605  | 1.671     | 2.479 #   |
| 23)                         | Chlordane-1     | 4.354f | 4.932  | 5461.1E6 | 1190.5E6 | 16825.779 | 14326.413 |
| 24)                         | Chlordane-2     | 4.819  | 5.427f | 12981602 | 3239352  | 35.726    | 34.373    |
| 25)                         | Chlordane-3     | 0.000  | 6.042  | 0        | 10501884 | N.D.      | 27.695 #  |
| 26)                         | Chlordane-4     | 5.463  | 6.149f | 3653585  | 3942582  | 3.811     | 8.614 #   |
| 27)                         | Chlordane-5     | 6.294  | 6.918  | 48559916 | 1493864  | 133.459   | 18.642 #  |
| -----                       |                 |        |        |          |          |           |           |

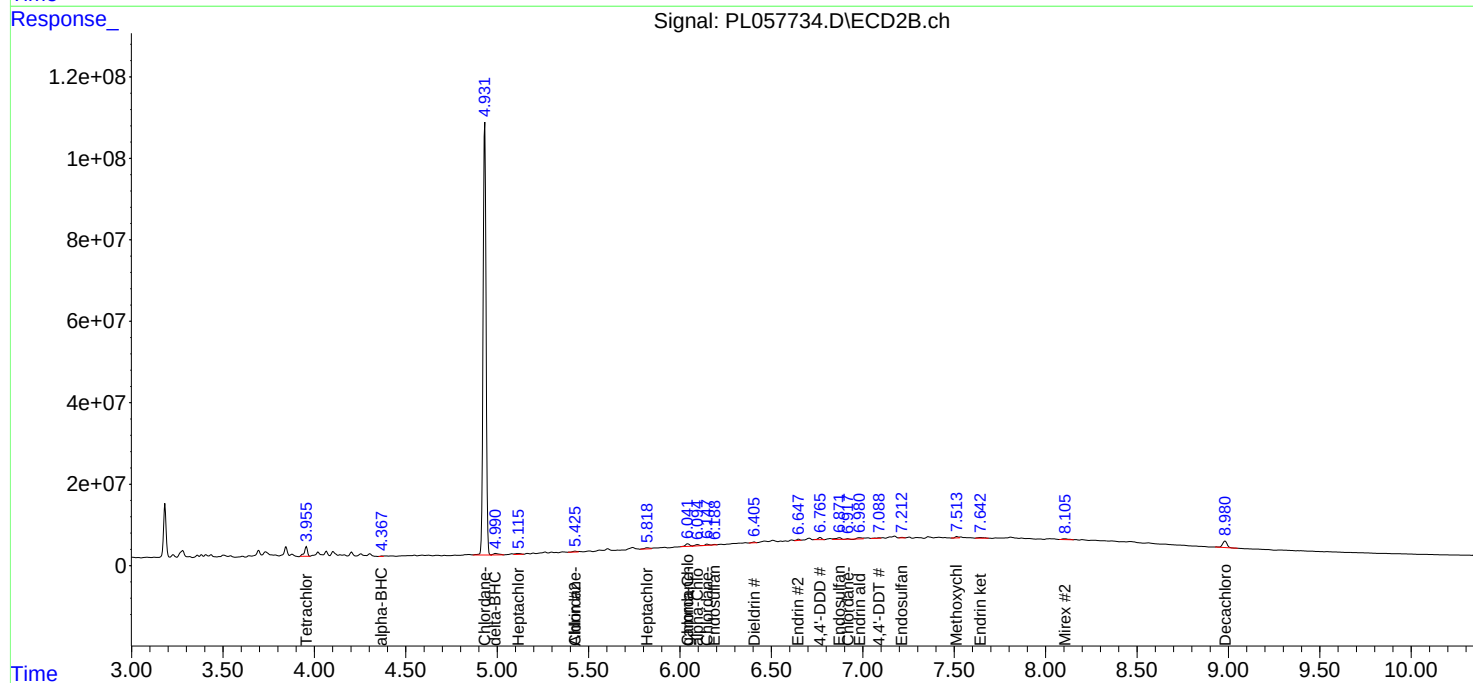
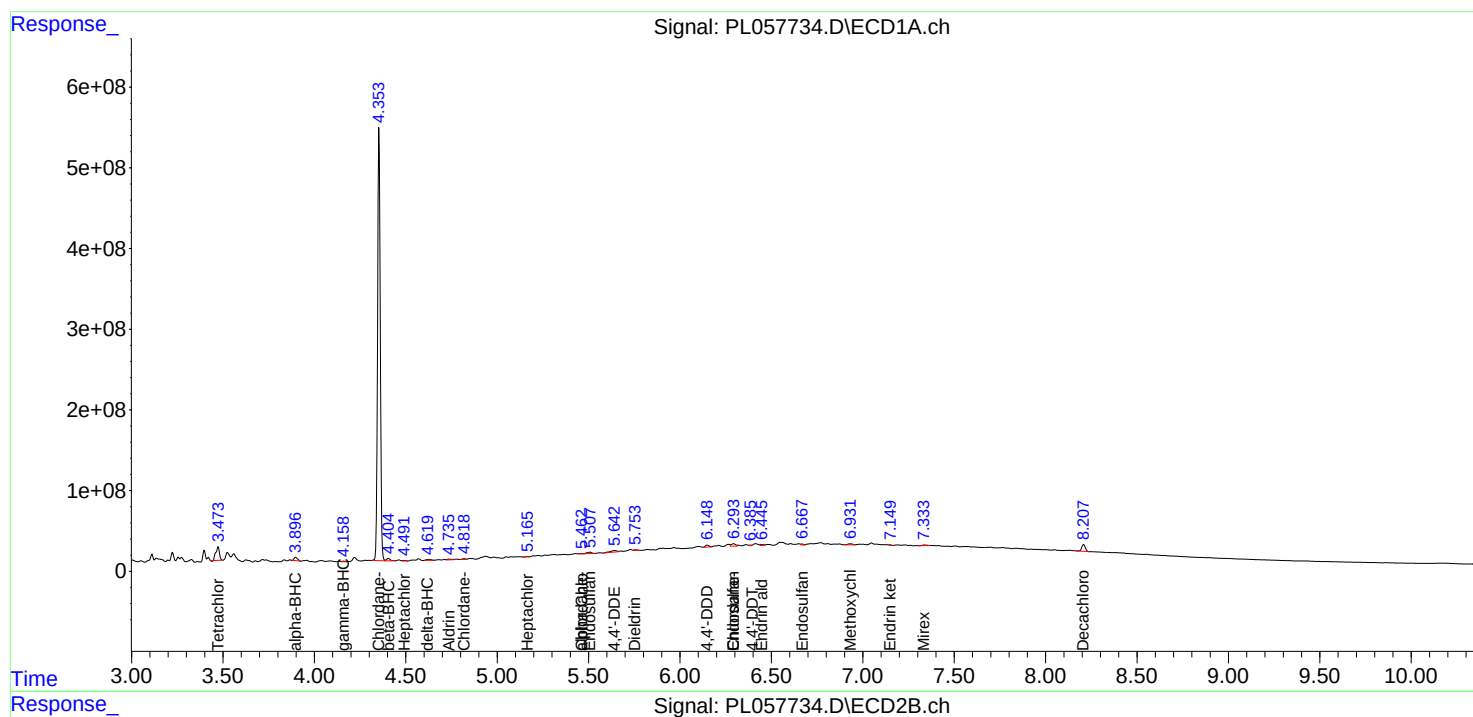
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

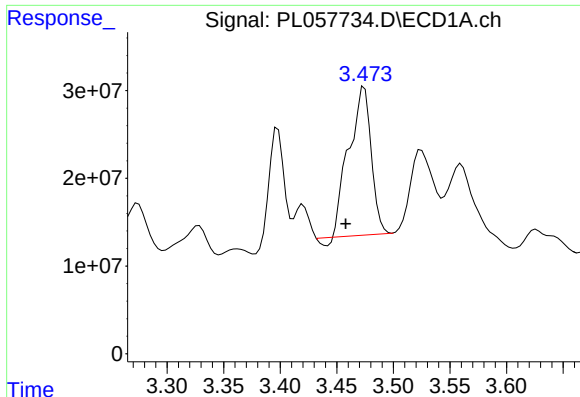
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040220\  
Data File : PL057734.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Apr 2020 16:01  
Operator : AJ\MA  
Sample : L2132-06  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 03 00:57:07 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 16 09:40:37 2020  
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

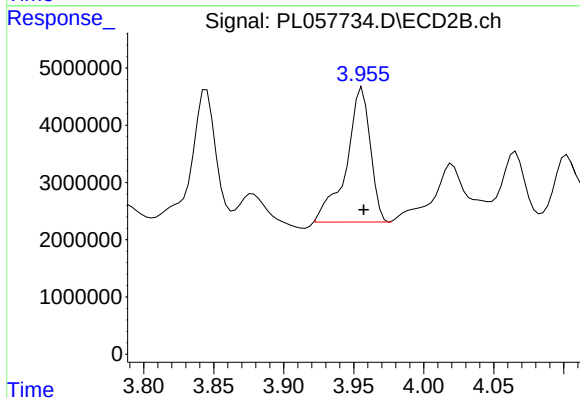




#1 Tetrachloro-m-xylene

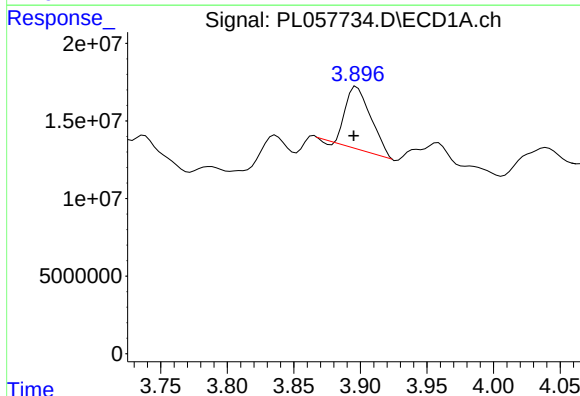
R.T.: 3.474 min  
Delta R.T.: 0.016 min  
Response: 229597932  
Conc: 24.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



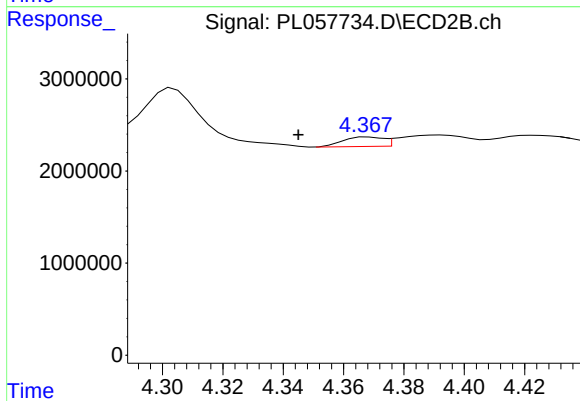
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: 0.000 min  
Response: 27874461  
Conc: 12.85 ng/ml



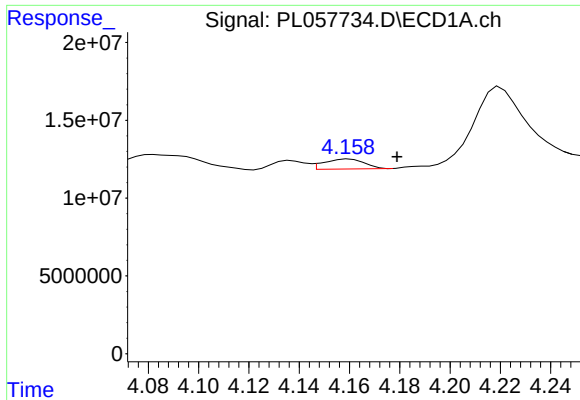
#2 alpha-BHC

R.T.: 3.897 min  
Delta R.T.: 0.002 min  
Response: 51490470  
Conc: 3.23 ng/ml



#2 alpha-BHC

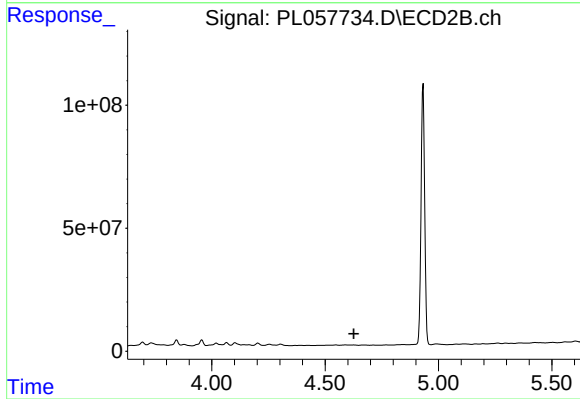
R.T.: 4.368 min  
Delta R.T.: 0.023 min  
Response: 936650  
Conc: 0.29 ng/ml



#3 gamma-BHC (Lindane)

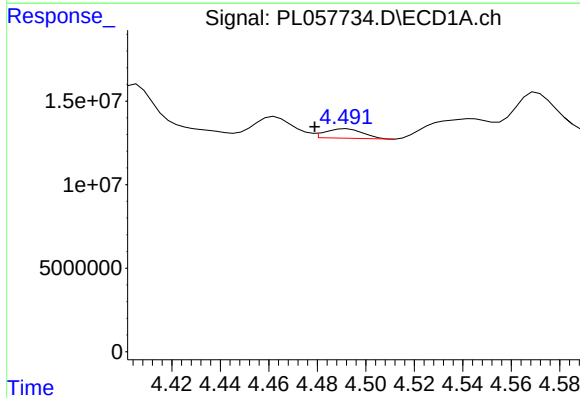
R.T.: 4.160 min  
Delta R.T.: -0.019 min  
Response: 7197880  
Conc: 0.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



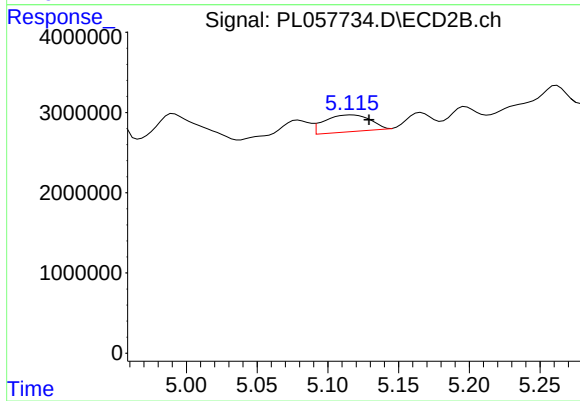
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 4.627 min  
Response: 0  
Conc: N.D.



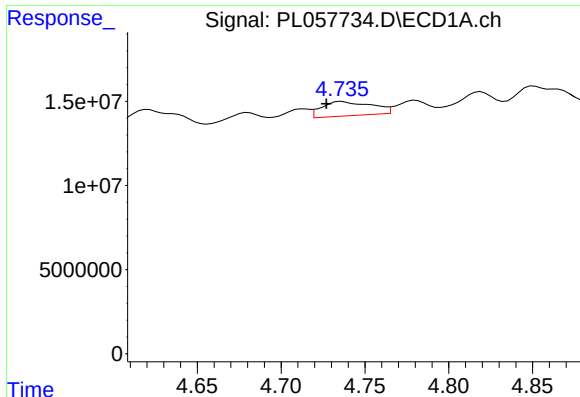
#4 Heptachlor

R.T.: 4.492 min  
Delta R.T.: 0.013 min  
Response: 6077254  
Conc: 0.41 ng/ml



#4 Heptachlor

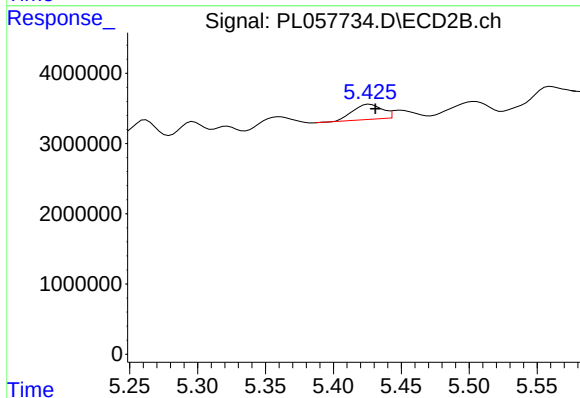
R.T.: 5.117 min  
Delta R.T.: -0.012 min  
Response: 4739563  
Conc: 1.51 ng/ml



#5 Aldrin

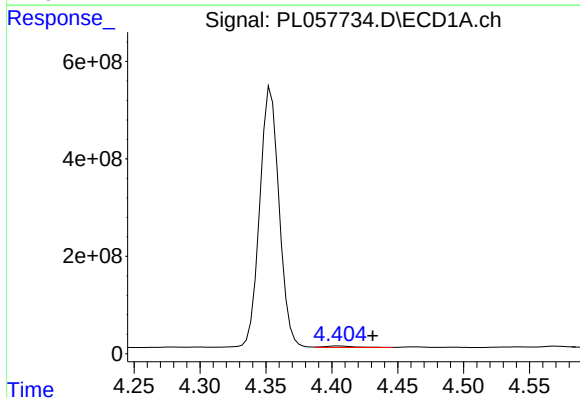
R.T.: 4.736 min  
Delta R.T.: 0.009 min  
Response: 17548885  
Conc: 1.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



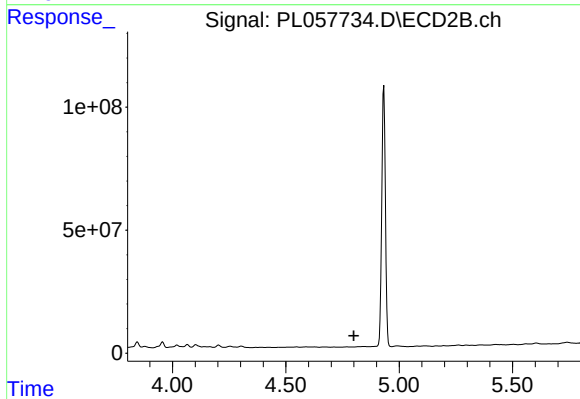
#5 Aldrin

R.T.: 5.427 min  
Delta R.T.: -0.004 min  
Response: 3239352  
Conc: 1.06 ng/ml



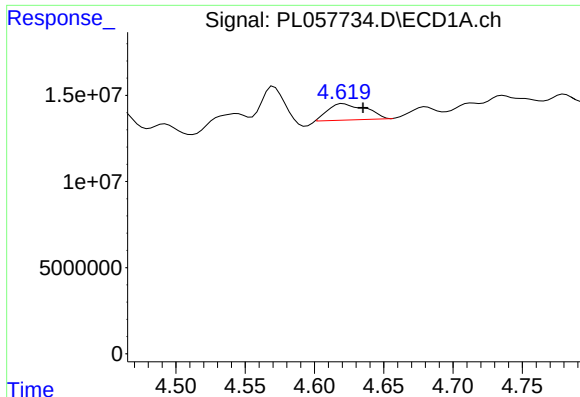
#6 beta-BHC

R.T.: 4.406 min  
Delta R.T.: -0.025 min  
Response: 42604027  
Conc: 7.25 ng/ml



#6 beta-BHC

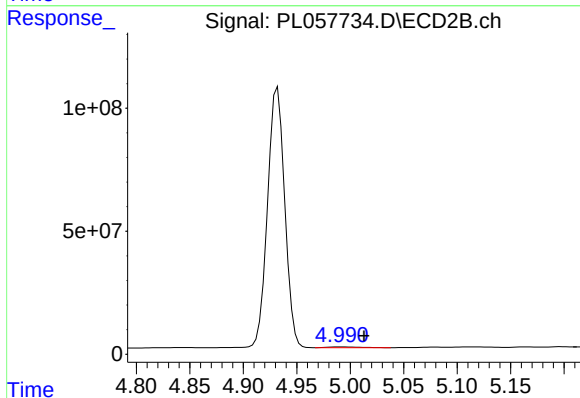
R.T.: 0.000 min  
Exp R.T.: 4.800 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

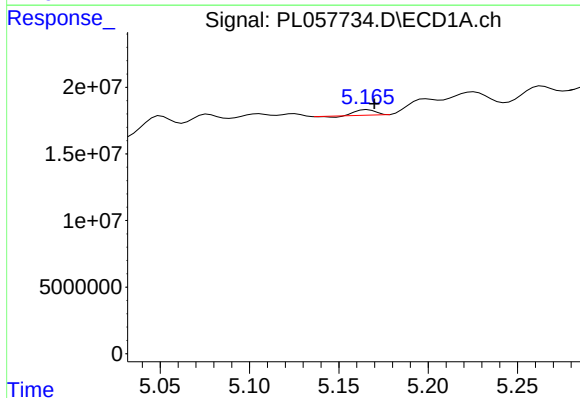
R.T.: 4.621 min  
Delta R.T.: -0.014 min  
Response: 18016499  
Conc: 1.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



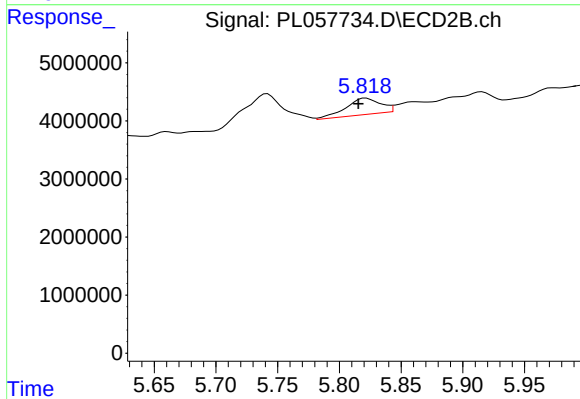
#7 delta-BHC

R.T.: 4.991 min  
Delta R.T.: -0.022 min  
Response: 7254566  
Conc: 6.69 ng/ml



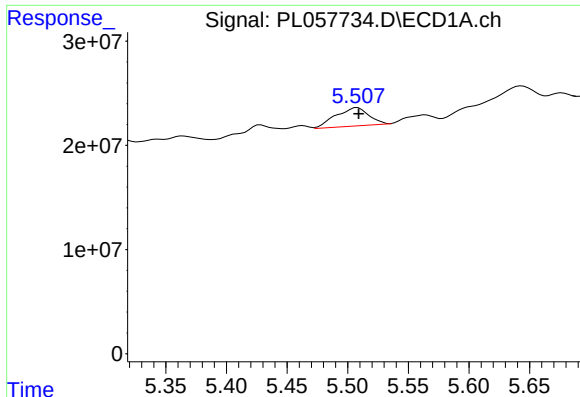
#8 Heptachlor epoxide

R.T.: 5.166 min  
Delta R.T.: -0.004 min  
Response: 2873366  
Conc: 0.22 ng/ml



#8 Heptachlor epoxide

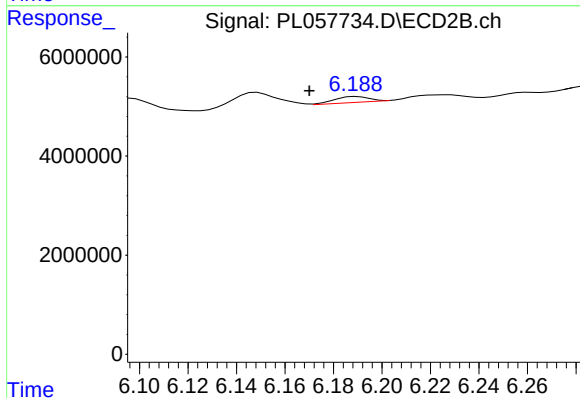
R.T.: 5.821 min  
Delta R.T.: 0.006 min  
Response: 5459811  
Conc: 2.00 ng/ml



#9 Endosulfan I

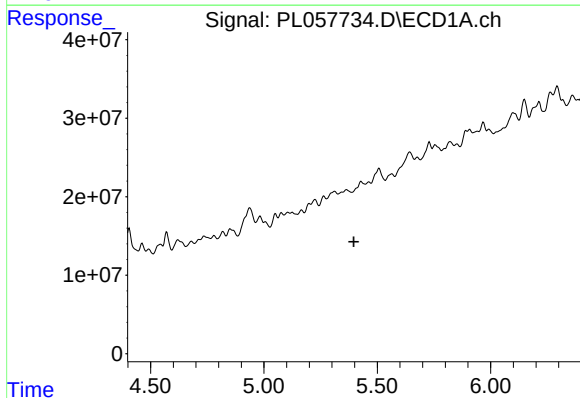
R.T.: 5.508 min  
Delta R.T.: -0.001 min  
Response: 33119052  
Conc: 2.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



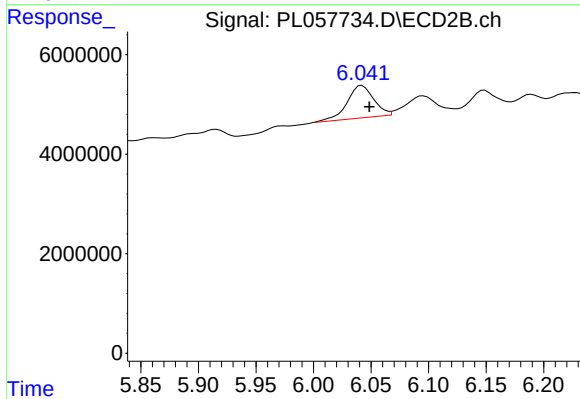
#9 Endosulfan I

R.T.: 6.189 min  
Delta R.T.: 0.019 min  
Response: 1179720  
Conc: 0.41 ng/ml



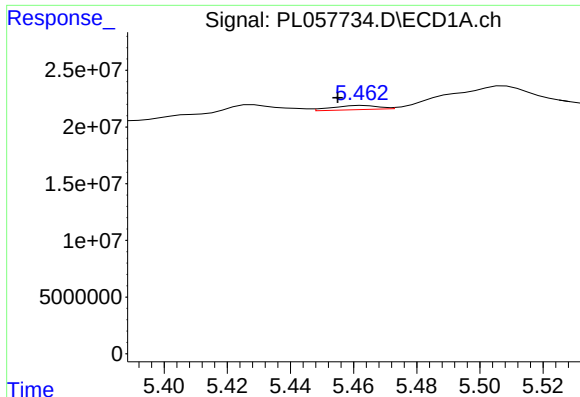
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.397 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

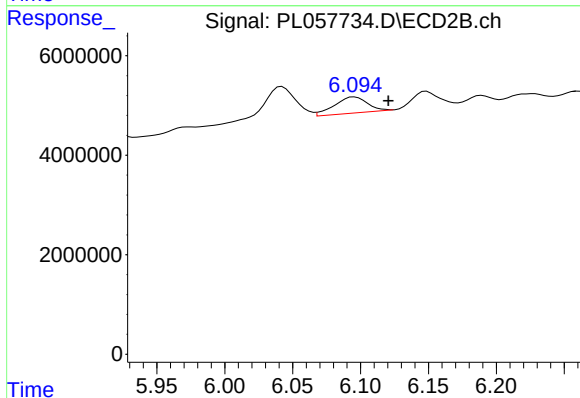
R.T.: 6.042 min  
Delta R.T.: -0.006 min  
Response: 10501884  
Conc: 3.41 ng/ml



#11 alpha-Chlordane

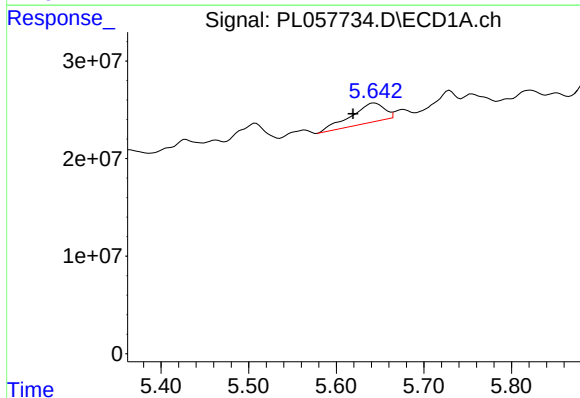
R.T.: 5.463 min  
Delta R.T.: 0.008 min  
Response: 3653585  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



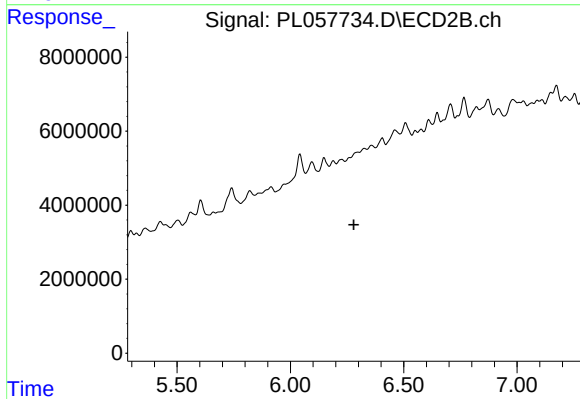
#11 alpha-Chlordane

R.T.: 6.096 min  
Delta R.T.: -0.025 min  
Response: 5493322  
Conc: 1.76 ng/ml



#12 4,4'-DDE

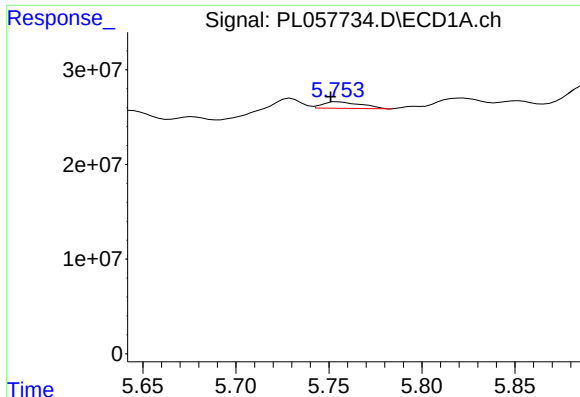
R.T.: 5.644 min  
Delta R.T.: 0.025 min  
Response: 51865132  
Conc: 4.16 ng/ml



#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T.: 6.280 min  
Response: 0  
Conc: N.D.

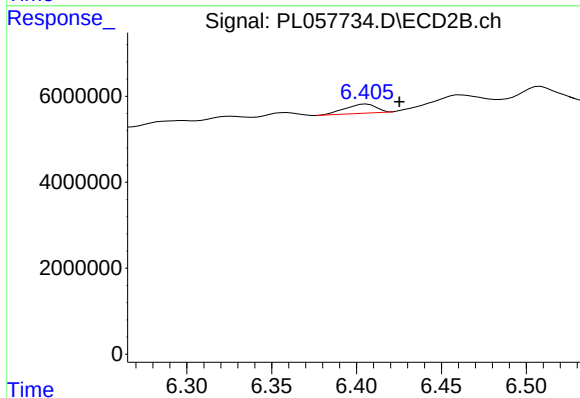




#13 Dieldrin

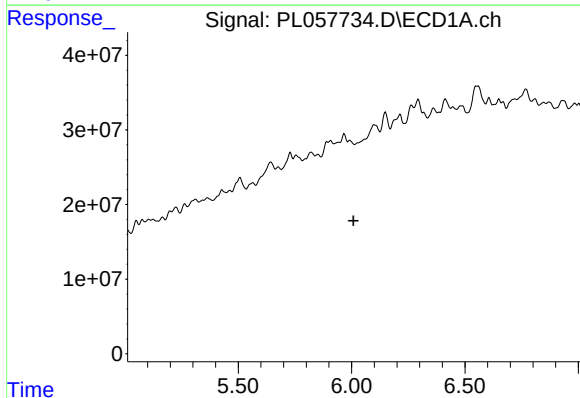
R.T.: 5.755 min  
Delta R.T.: 0.004 min  
Response: 9810312  
Conc: 0.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



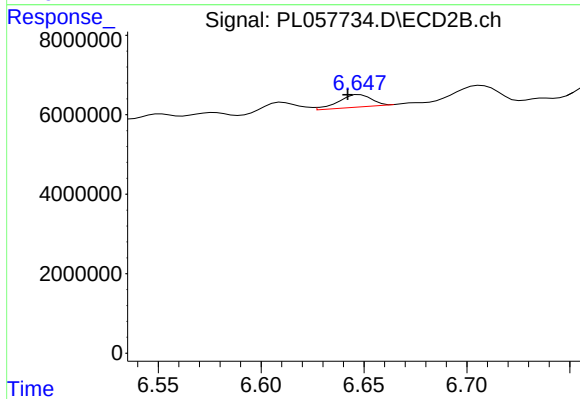
#13 Dieldrin

R.T.: 6.406 min  
Delta R.T.: -0.019 min  
Response: 2662142  
Conc: 0.90 ng/ml



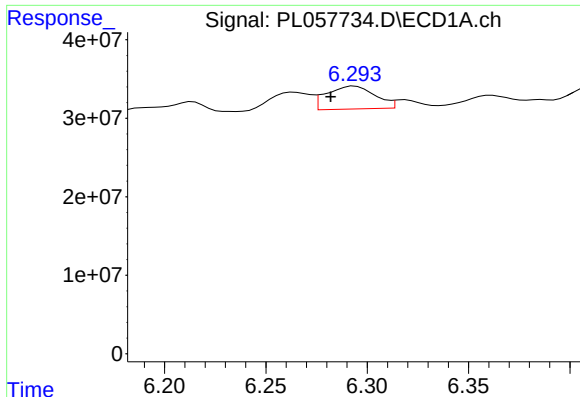
#14 Endrin

R.T.: 5.992 min  
Delta R.T.: -0.017 min  
Response: -2623100  
Conc: N.D.



#14 Endrin

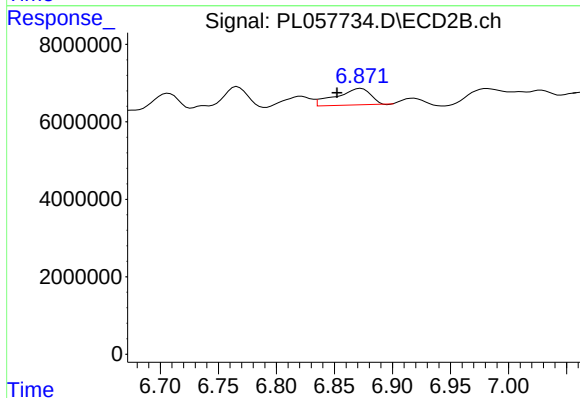
R.T.: 6.648 min  
Delta R.T.: 0.006 min  
Response: 3507840  
Conc: 1.45 ng/ml



#15 Endosulfan II

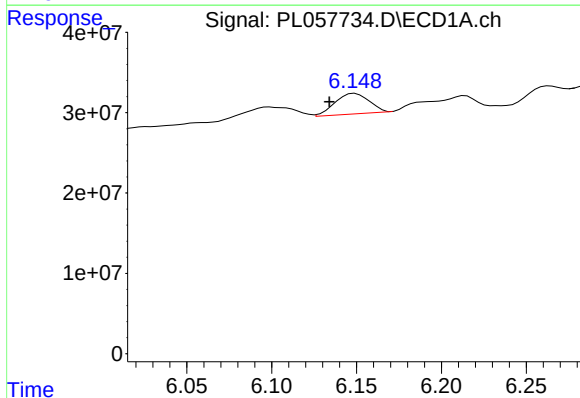
R.T.: 6.294 min  
Delta R.T.: 0.012 min  
Response: 48559916  
Conc: 4.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



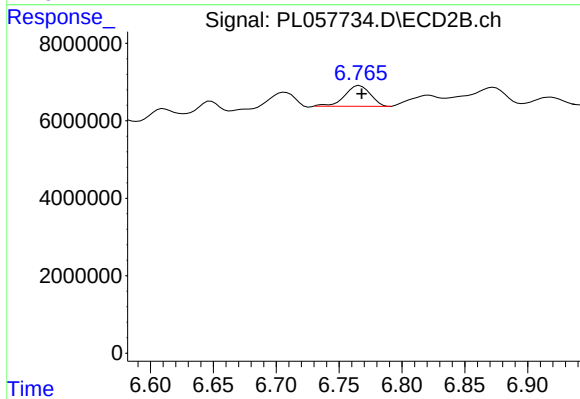
#15 Endosulfan II

R.T.: 6.873 min  
Delta R.T.: 0.020 min  
Response: 8894736  
Conc: 3.39 ng/ml



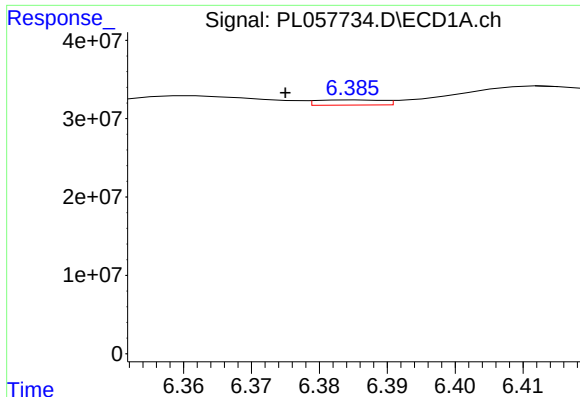
#16 4,4'-DDD

R.T.: 6.149 min  
Delta R.T.: 0.015 min  
Response: 35619349  
Conc: 3.63 ng/ml



#16 4,4'-DDD

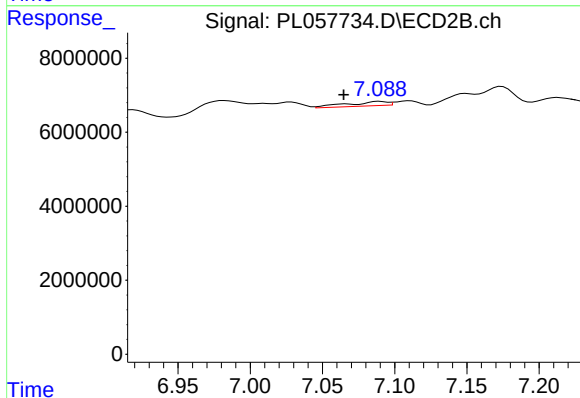
R.T.: 6.767 min  
Delta R.T.: -0.002 min  
Response: 7554299  
Conc: 3.31 ng/ml



#17 4,4'-DDT

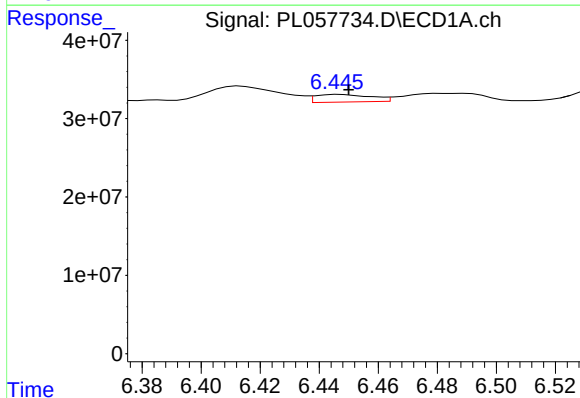
R.T.: 6.386 min  
Delta R.T.: 0.011 min  
Response: 4466305  
Conc: 0.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



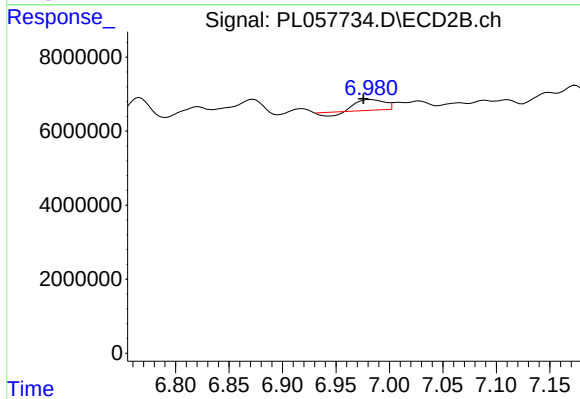
#17 4,4'-DDT

R.T.: 7.090 min  
Delta R.T.: 0.025 min  
Response: 2306390  
Conc: 1.01 ng/ml



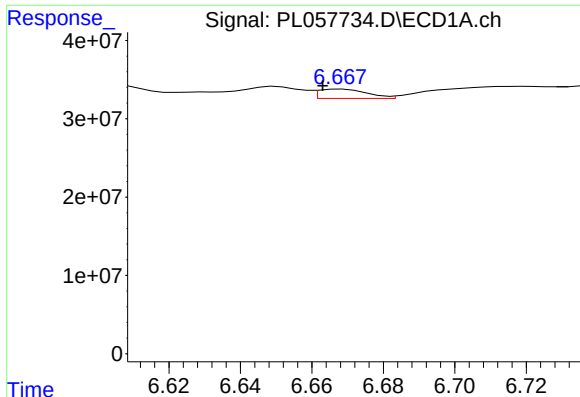
#18 Endrin aldehyde

R.T.: 6.447 min  
Delta R.T.: -0.003 min  
Response: 12633217  
Conc: 1.37 ng/ml



#18 Endrin aldehyde

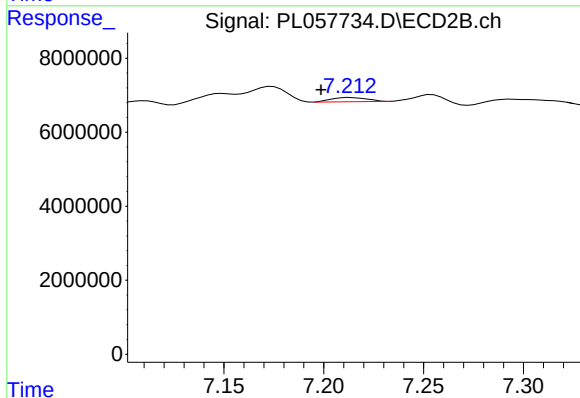
R.T.: 6.982 min  
Delta R.T.: 0.006 min  
Response: 4278701  
Conc: 1.92 ng/ml



#19 Endosulfan Sulfate

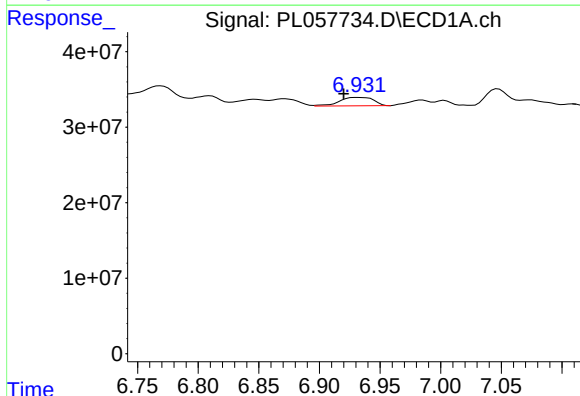
R.T.: 6.668 min  
Delta R.T.: 0.005 min  
Response: 11430808  
Conc: 1.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



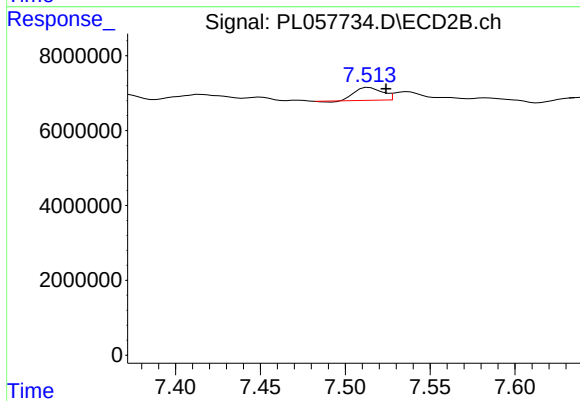
#19 Endosulfan Sulfate

R.T.: 7.213 min  
Delta R.T.: 0.014 min  
Response: 1413947  
Conc: 0.58 ng/ml



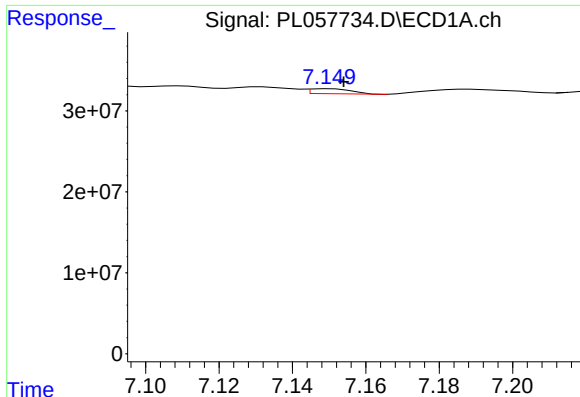
#20 Methoxychlor

R.T.: 6.932 min  
Delta R.T.: 0.012 min  
Response: 21923226  
Conc: 4.09 ng/ml



#20 Methoxychlor

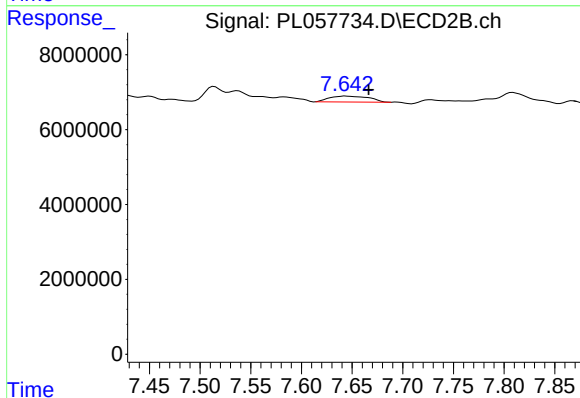
R.T.: 7.514 min  
Delta R.T.: -0.010 min  
Response: 3759908  
Conc: 2.89 ng/ml



#21 Endrin ketone

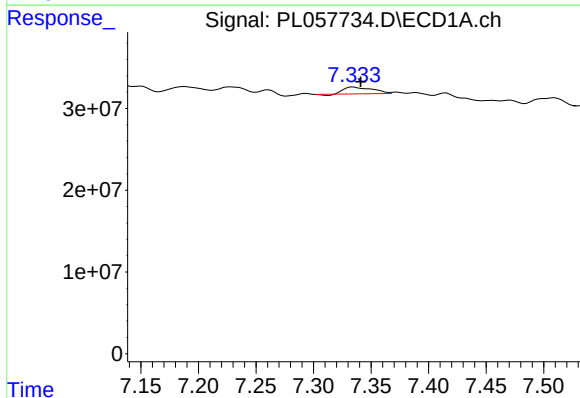
R.T.: 7.150 min  
Delta R.T.: -0.004 min  
Response: 4809982  
Conc: 0.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



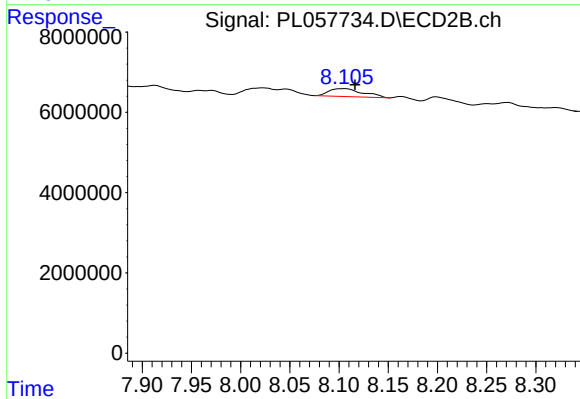
#21 Endrin ketone

R.T.: 7.644 min  
Delta R.T.: -0.022 min  
Response: 4278556  
Conc: 1.65 ng/ml



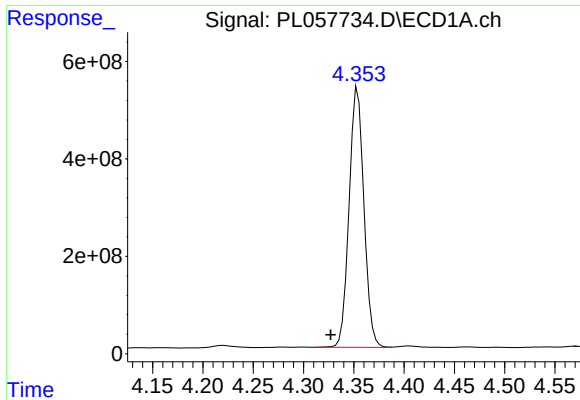
#22 Mirex

R.T.: 7.335 min  
Delta R.T.: -0.006 min  
Response: 13534733  
Conc: 1.67 ng/ml



#22 Mirex

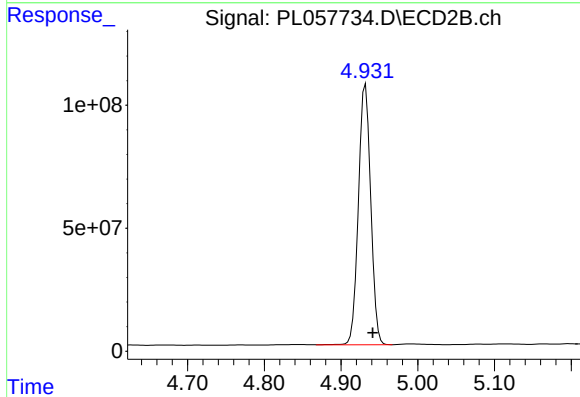
R.T.: 8.106 min  
Delta R.T.: -0.010 min  
Response: 4734605  
Conc: 2.48 ng/ml



#23 Chlordane-1

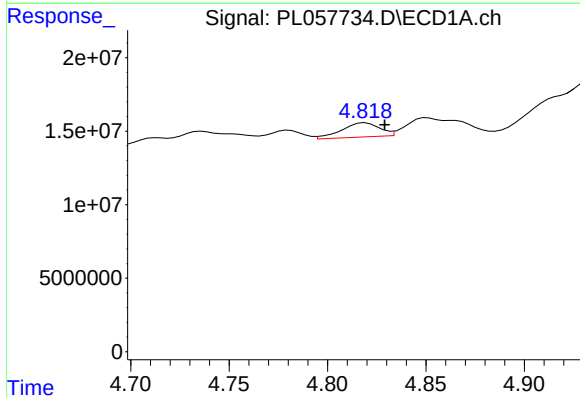
R.T.: 4.354 min  
Delta R.T.: 0.027 min  
Response: 5461080825  
Conc: 16825.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



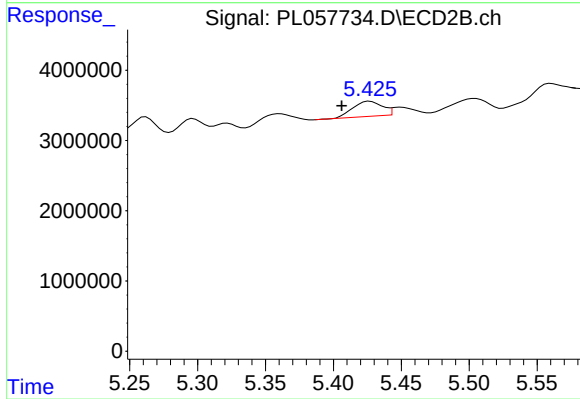
#23 Chlordane-1

R.T.: 4.932 min  
Delta R.T.: -0.009 min  
Response: 1190501630  
Conc: 14326.41 ng/ml



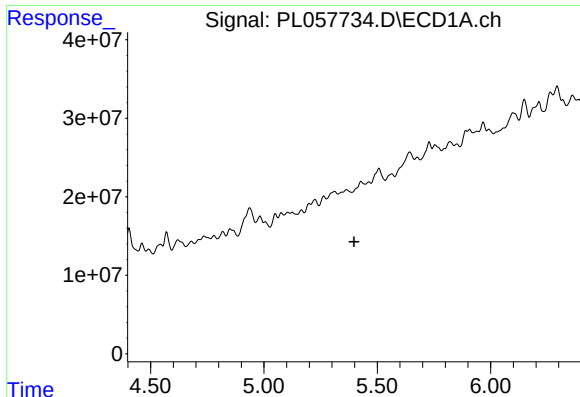
#24 Chlordane-2

R.T.: 4.819 min  
Delta R.T.: -0.010 min  
Response: 12981602  
Conc: 35.73 ng/ml



#24 Chlordane-2

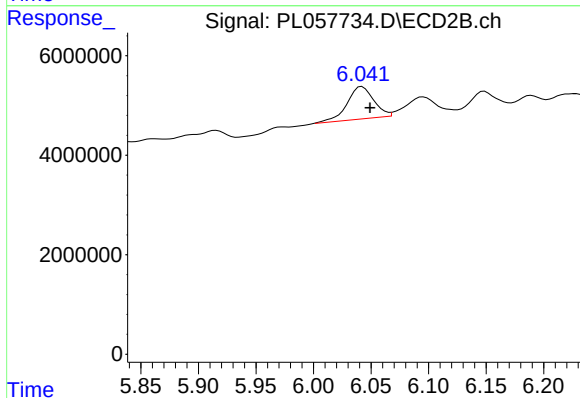
R.T.: 5.427 min  
Delta R.T.: 0.021 min  
Response: 3239352  
Conc: 34.37 ng/ml



#25 Chlordane-3

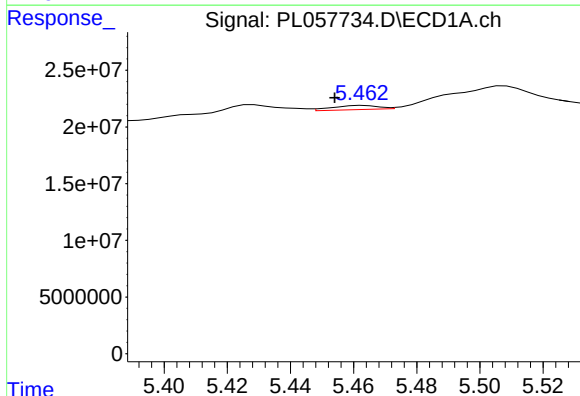
R.T.: 0.000 min  
Exp R.T.: 5.398 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



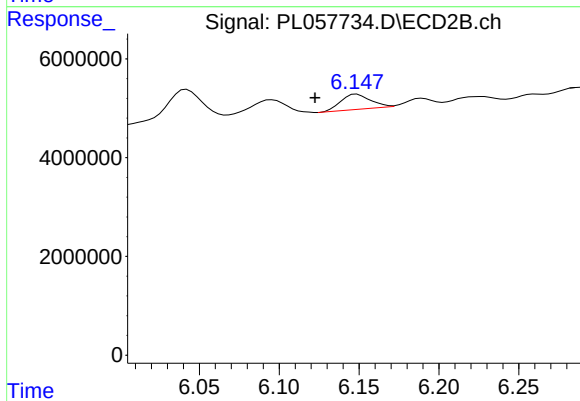
#25 Chlordane-3

R.T.: 6.042 min  
Delta R.T.: -0.007 min  
Response: 10501884  
Conc: 27.69 ng/ml



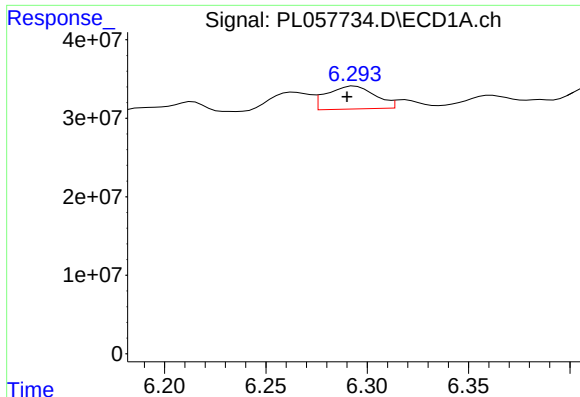
#26 Chlordane-4

R.T.: 5.463 min  
Delta R.T.: 0.009 min  
Response: 3653585  
Conc: 3.81 ng/ml



#26 Chlordane-4

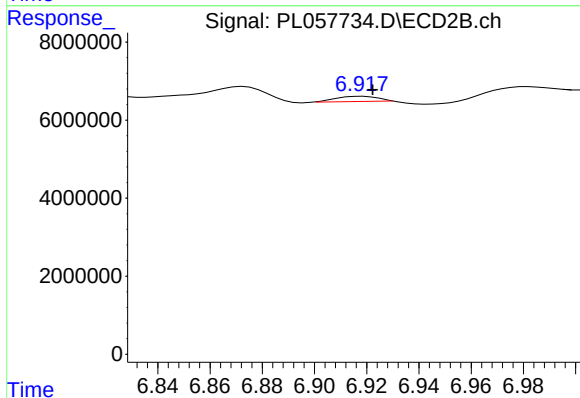
R.T.: 6.149 min  
Delta R.T.: 0.026 min  
Response: 3942582  
Conc: 8.61 ng/ml



#27 Chlordane-5

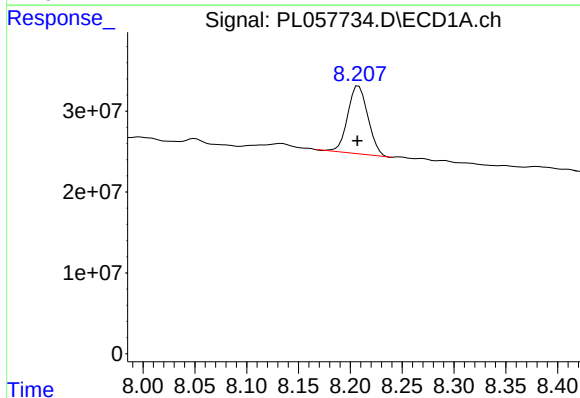
R.T.: 6.294 min  
Delta R.T.: 0.004 min  
Response: 48559916  
Conc: 133.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



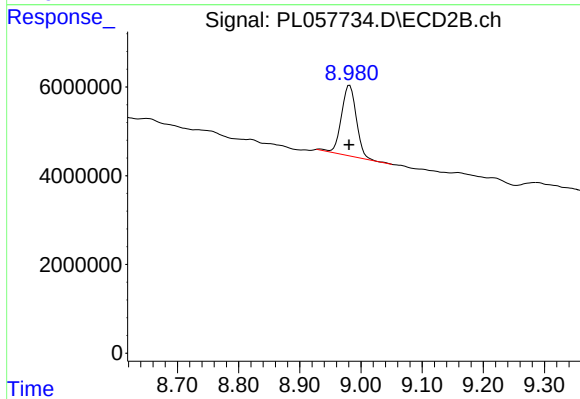
#27 Chlordane-5

R.T.: 6.918 min  
Delta R.T.: -0.004 min  
Response: 1493864  
Conc: 18.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.208 min  
Delta R.T.: 0.001 min  
Response: 113932843  
Conc: 10.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.982 min  
Delta R.T.: 0.001 min  
Response: 26691480  
Conc: 12.04 ng/ml