

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040121\  
 Data File : PL065773.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2021 13:41  
 Operator : AR\AJ  
 Sample : PB135462BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 02 02:09:28 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... | 3.278  | 3.782  | 59702676 | 63598471 | 22.918  | 23.169    |
| 28)                         | SA Decachlor... | 7.912  | 8.730  | 54629176 | 46145914 | 23.587  | 20.468    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.702  | 4.167  | 44902416 | 43900175 | 10.979  | 10.805    |
| 3)                          | MA gamma-BHC... | 3.975  | 4.446  | 40799966 | 40417822 | 11.022  | 11.040    |
| 4)                          | MA Heptachlor   | 4.259  | 4.931  | 38191811 | 44194918 | 10.602  | 12.522    |
| 5)                          | MB Aldrin       | 4.496  | 5.227  | 37691549 | 37302511 | 11.040  | 11.298    |
| 6)                          | B beta-BHC      | 4.226  | 4.630  | 16244691 | 21108056 | 10.192  | 12.119    |
| 7)                          | B delta-BHC     | 4.418  | 4.836  | 37274449 | 27327657 | 10.362  | 9.163     |
| 8)                          | B Heptachlo...  | 4.928  | 5.614  | 34992207 | 37102093 | 11.128  | 11.948    |
| 9)                          | A Endosulfan I  | 5.254  | 5.964  | 33722939 | 29857002 | 11.703  | 10.876    |
| 10)                         | B gamma-Chl...  | 5.149  | 5.844  | 43124840 | 33094545 | 13.704  | 11.030    |
| 11)                         | B alpha-Chl...  | 5.204  | 5.914  | 37481400 | 33219557 | 12.046  | 11.226    |
| 12)                         | B 4,4'-DDE      | 5.371  | 6.079  | 31655031 | 27350079 | 11.473  | 10.469    |
| 13)                         | MA Dieldrin     | 5.491  | 6.220  | 31365633 | 29991355 | 10.736  | 10.642    |
| 14)                         | MA Endrin       | 5.741  | 6.435  | 27775093 | 28629530 | 10.287  | 11.494    |
| 15)                         | B Endosulfa...  | 6.013  | 6.652  | 31091461 | 28552540 | 12.519  | 12.081    |
| 16)                         | A 4,4'-DDD      | 5.876  | 6.569  | 27141031 | 25041685 | 11.962  | 11.881    |
| 17)                         | MA 4,4'-DDT     | 6.109  | 6.861  | 18781918 | 19229403 | 8.915   | 8.588     |
| 18)                         | B Endrin al...  | 6.180  | 6.776  | 22923803 | 23003050 | 12.115  | 12.123    |
| 19)                         | B Endosulfa...  | 6.390  | 6.997  | 28297926 | 28222589 | 10.967  | 11.634    |
| 20)                         | A Methoxychlor  | 6.654  | 7.329  | 11275489 | 18039364 | 8.982   | 14.243 #  |
| 21)                         | B Endrin ke...  | 6.867  | 7.464  | 31945283 | 32075973 | 11.649  | 12.479    |
| 22)                         | Mirex           | 7.039  | 7.901  | 20043754 | 26353373 | 9.571   | 13.502 #  |
| 24)                         | Chlordane-2     | 4.617f | 5.227f | 2141480  | 37302511 | 18.632  | 325.962 # |
| 25)                         | Chlordane-3     | 5.149  | 5.844  | 43124840 | 33094545 | 138.750 | 77.862 #  |
| 26)                         | Chlordane-4     | 5.204  | 5.914  | 37481400 | 33219557 | 131.277 | 65.667 #  |
| 27)                         | Chlordane-5     | 6.013  | 0.000  | 31091461 | 0        | 303.975 | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

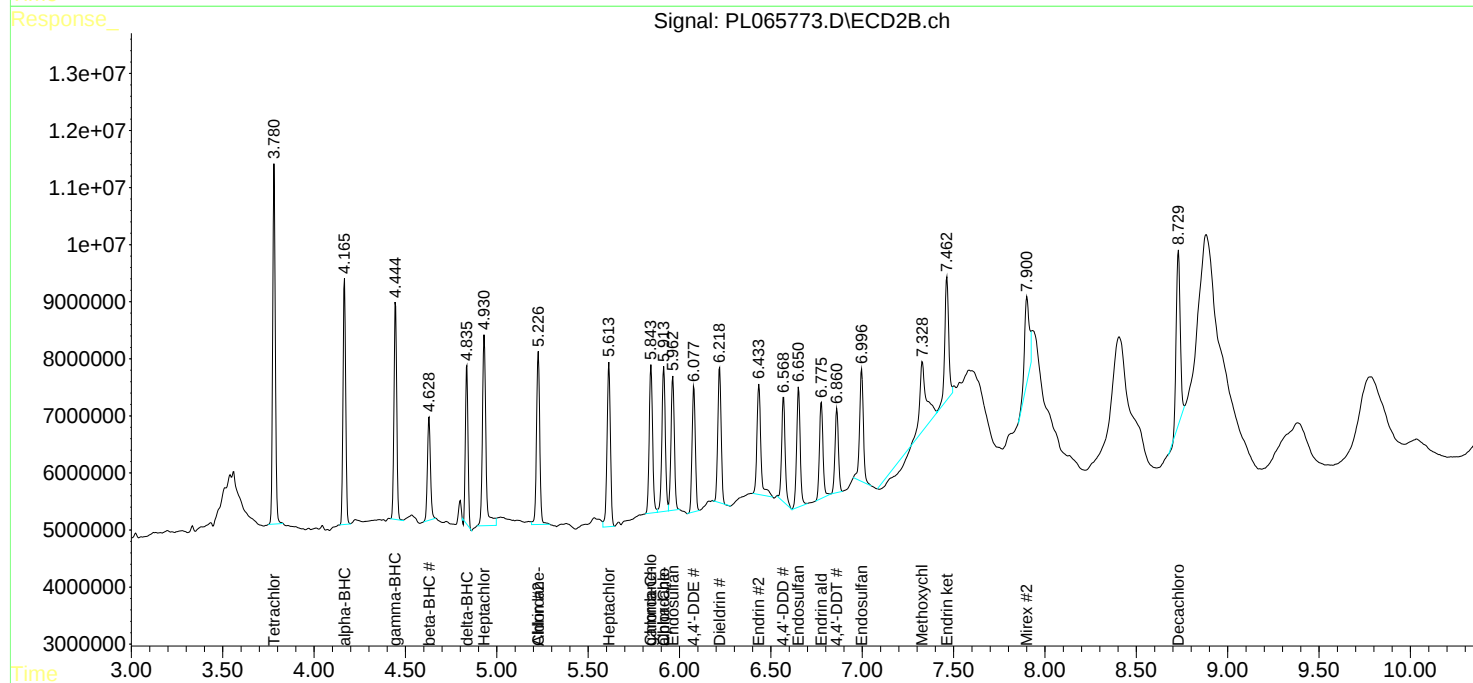
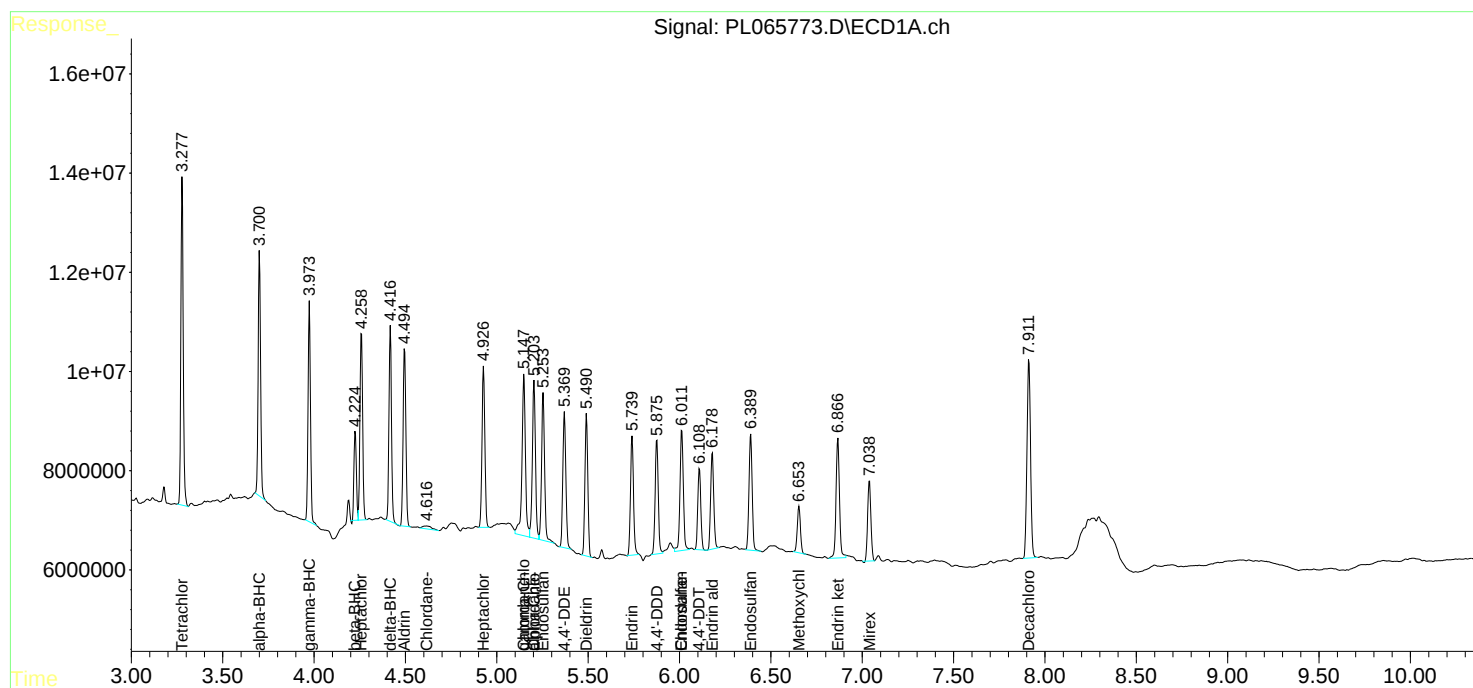
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

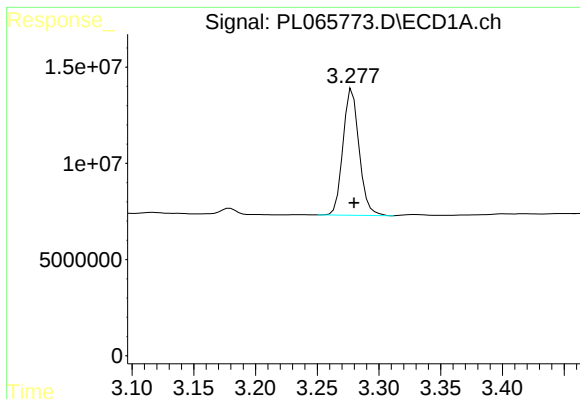
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040121\  
 Data File : PL065773.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Apr 2021 13:41  
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 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
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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

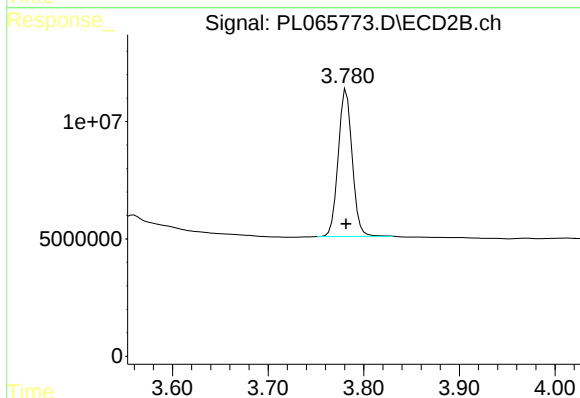




#1 Tetrachloro-m-xylene

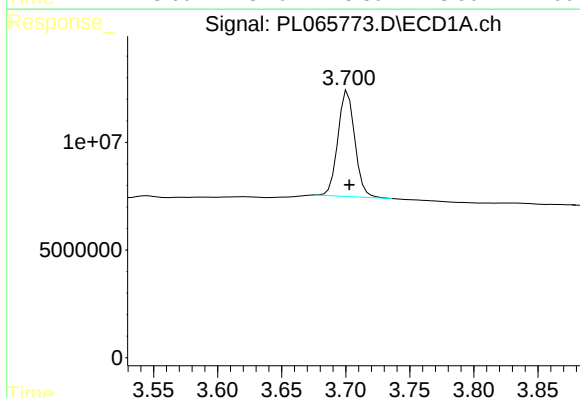
R.T.: 3.278 min  
Delta R.T.: -0.002 min  
Response: 59702676  
Conc: 22.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



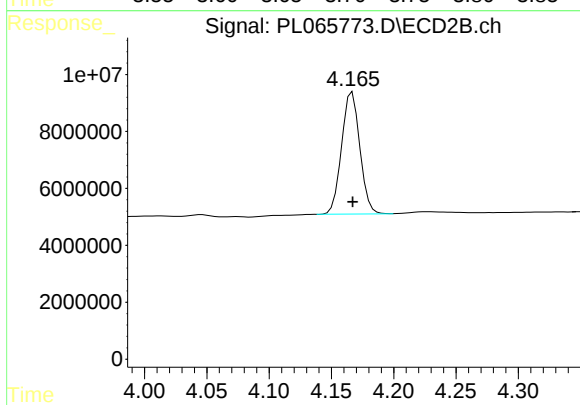
#1 Tetrachloro-m-xylene

R.T.: 3.782 min  
Delta R.T.: 0.000 min  
Response: 63598471  
Conc: 23.17 ng/ml



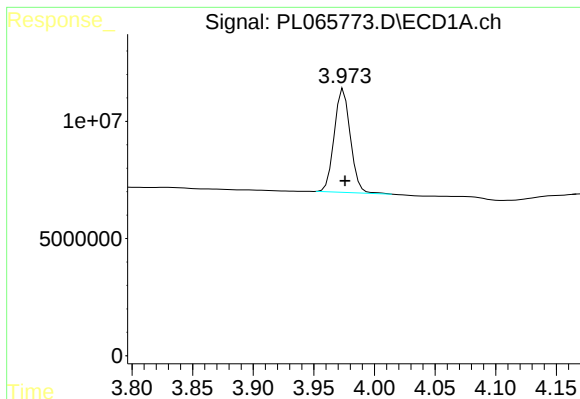
#2 alpha-BHC

R.T.: 3.702 min  
Delta R.T.: -0.001 min  
Response: 44902416  
Conc: 10.98 ng/ml



#2 alpha-BHC

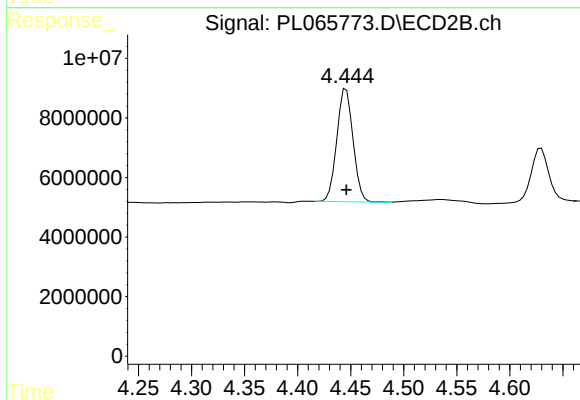
R.T.: 4.167 min  
Delta R.T.: 0.000 min  
Response: 43900175  
Conc: 10.80 ng/ml



#3 gamma-BHC (Lindane)

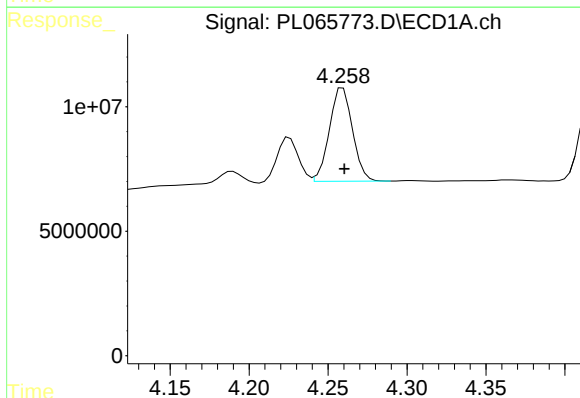
R.T.: 3.975 min  
Delta R.T.: -0.001 min  
Response: 40799966  
Conc: 11.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



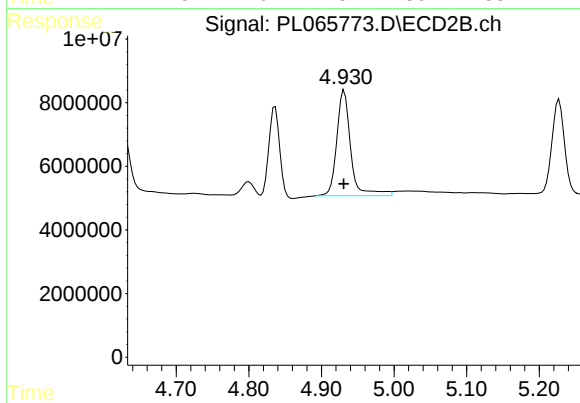
#3 gamma-BHC (Lindane)

R.T.: 4.446 min  
Delta R.T.: 0.000 min  
Response: 40417822  
Conc: 11.04 ng/ml



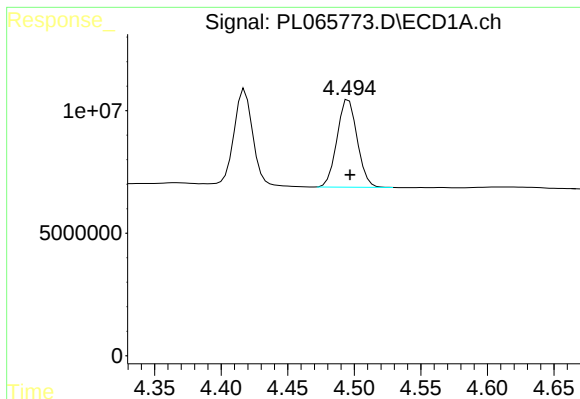
#4 Heptachlor

R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 38191811  
Conc: 10.60 ng/ml



#4 Heptachlor

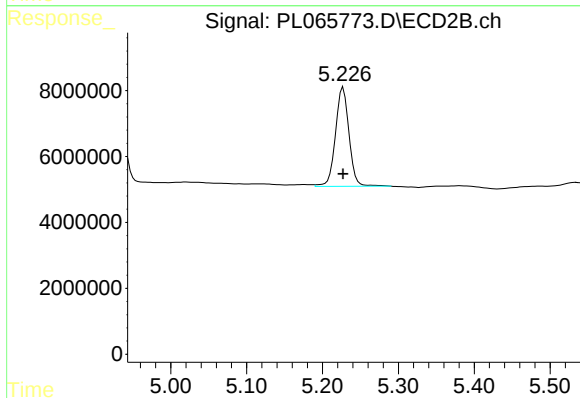
R.T.: 4.931 min  
Delta R.T.: 0.000 min  
Response: 44194918  
Conc: 12.52 ng/ml



#5 Aldrin

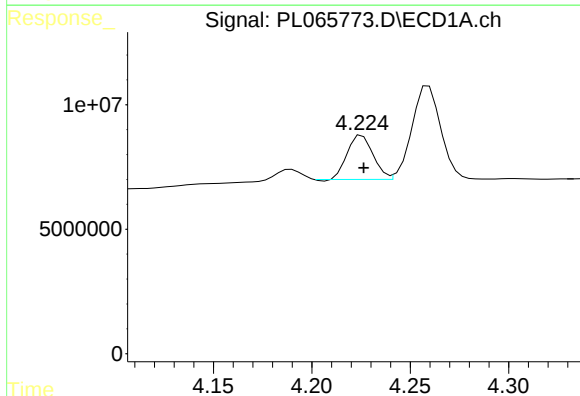
R.T.: 4.496 min  
Delta R.T.: -0.001 min  
Response: 37691549  
Conc: 11.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



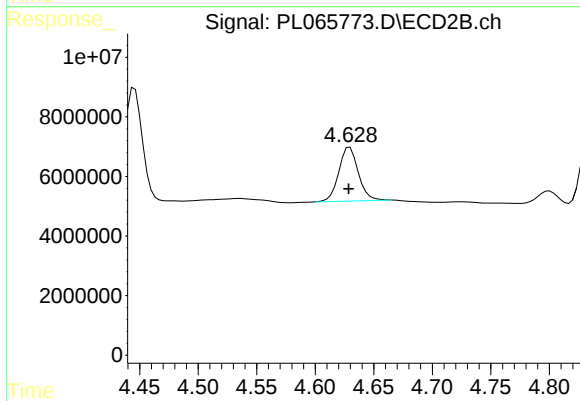
#5 Aldrin

R.T.: 5.227 min  
Delta R.T.: 0.000 min  
Response: 37302511  
Conc: 11.30 ng/ml



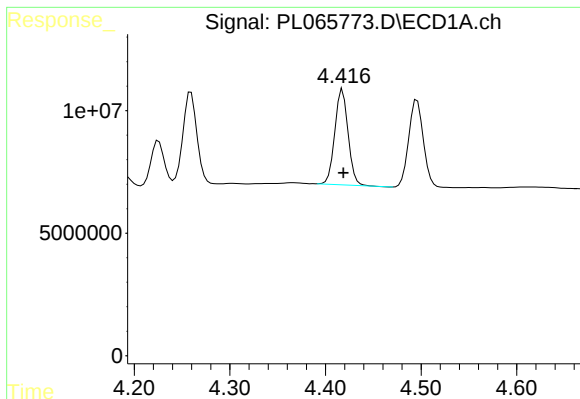
#6 beta-BHC

R.T.: 4.226 min  
Delta R.T.: 0.000 min  
Response: 16244691  
Conc: 10.19 ng/ml



#6 beta-BHC

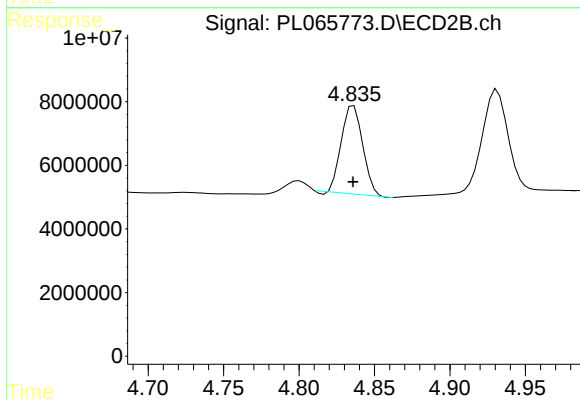
R.T.: 4.630 min  
Delta R.T.: 0.000 min  
Response: 21108056  
Conc: 12.12 ng/ml



#7 delta-BHC

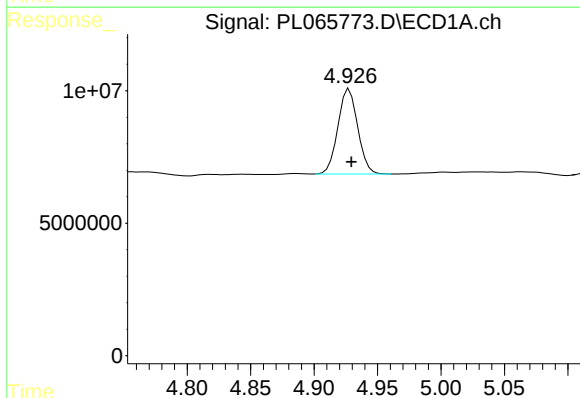
R.T.: 4.418 min  
Delta R.T.: 0.000 min  
Response: 37274449  
Conc: 10.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



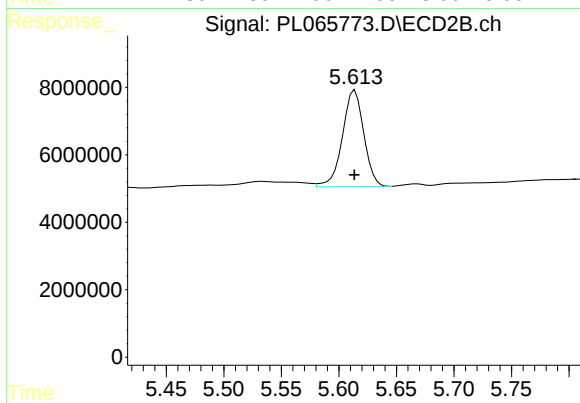
#7 delta-BHC

R.T.: 4.836 min  
Delta R.T.: 0.000 min  
Response: 27327657  
Conc: 9.16 ng/ml



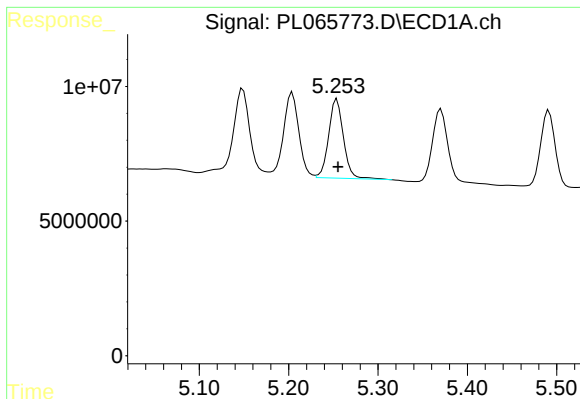
#8 Heptachlor epoxide

R.T.: 4.928 min  
Delta R.T.: -0.002 min  
Response: 34992207  
Conc: 11.13 ng/ml



#8 Heptachlor epoxide

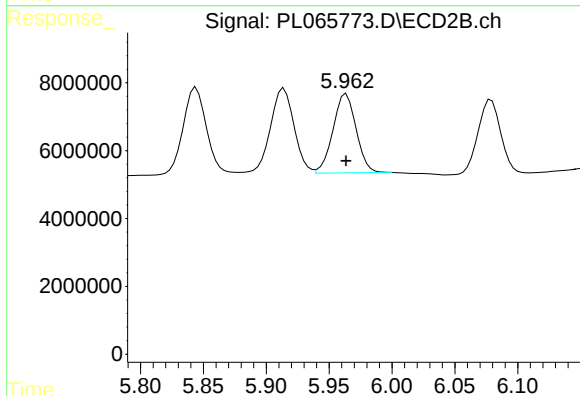
R.T.: 5.614 min  
Delta R.T.: 0.000 min  
Response: 37102093  
Conc: 11.95 ng/ml



#9 Endosulfan I

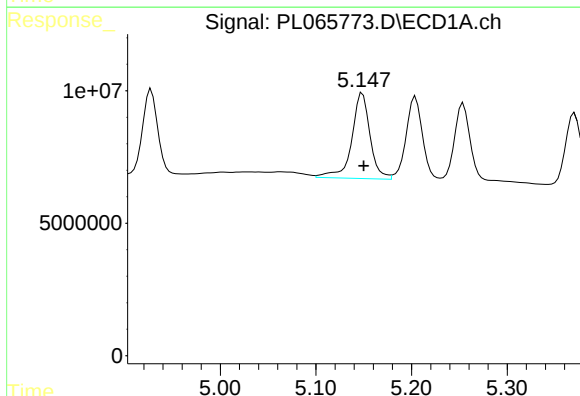
R.T.: 5.254 min  
Delta R.T.: -0.001 min  
Response: 33722939  
Conc: 11.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



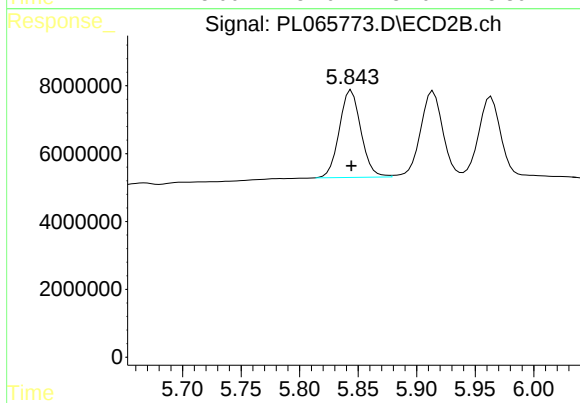
#9 Endosulfan I

R.T.: 5.964 min  
Delta R.T.: 0.000 min  
Response: 29857002  
Conc: 10.88 ng/ml



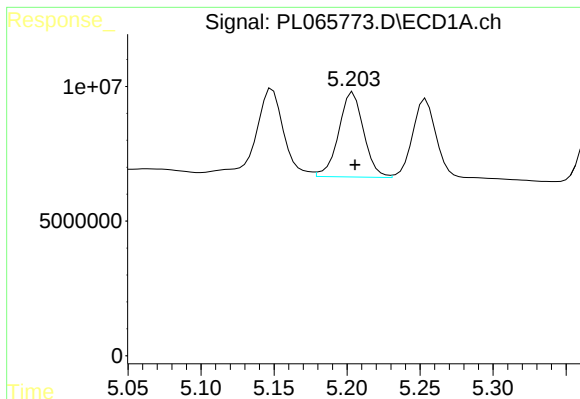
#10 gamma-Chlordane

R.T.: 5.149 min  
Delta R.T.: -0.001 min  
Response: 43124840  
Conc: 13.70 ng/ml



#10 gamma-Chlordane

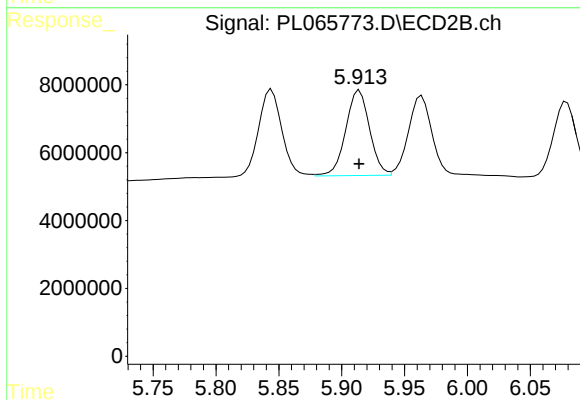
R.T.: 5.844 min  
Delta R.T.: 0.000 min  
Response: 33094545  
Conc: 11.03 ng/ml



#11 alpha-Chlordane

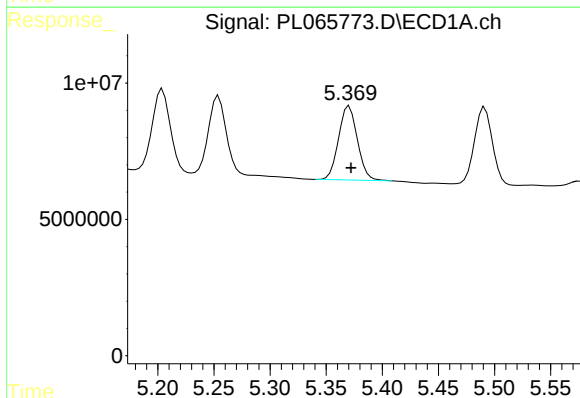
R.T.: 5.204 min  
Delta R.T.: -0.001 min  
Response: 37481400  
Conc: 12.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



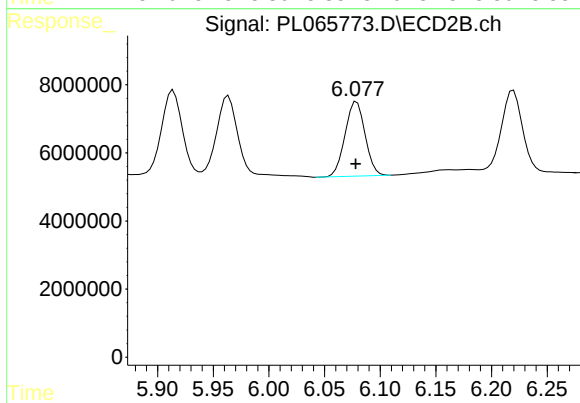
#11 alpha-Chlordane

R.T.: 5.914 min  
Delta R.T.: 0.000 min  
Response: 33219557  
Conc: 11.23 ng/ml



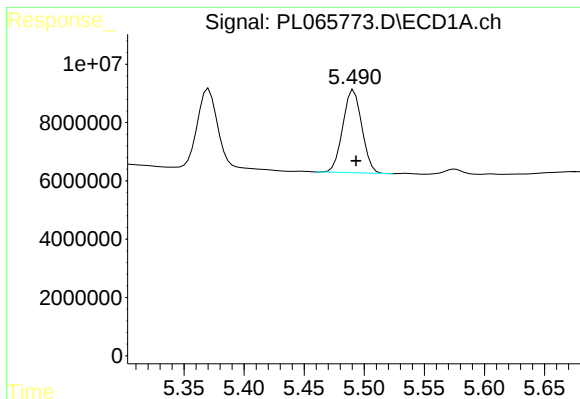
#12 4,4'-DDE

R.T.: 5.371 min  
Delta R.T.: -0.002 min  
Response: 31655031  
Conc: 11.47 ng/ml



#12 4,4'-DDE

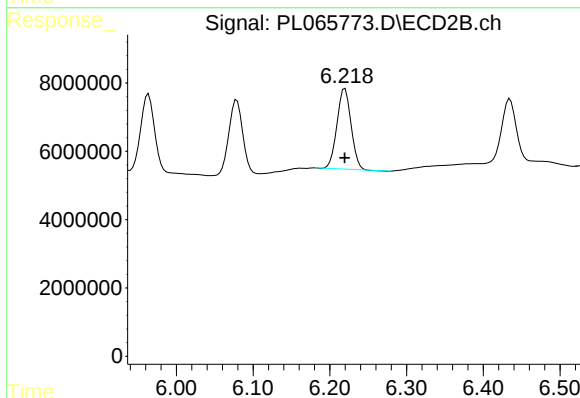
R.T.: 6.079 min  
Delta R.T.: 0.000 min  
Response: 27350079  
Conc: 10.47 ng/ml



#13 Dieldrin

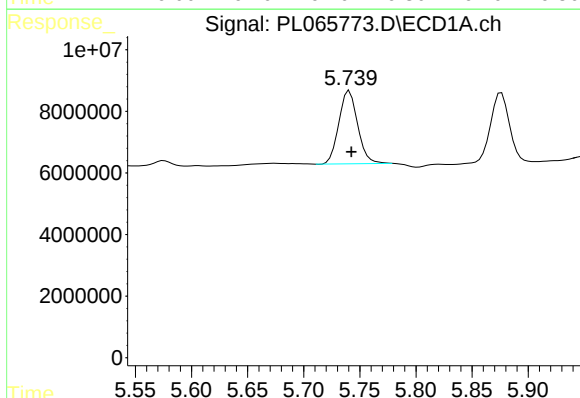
R.T.: 5.491 min  
Delta R.T.: -0.002 min  
Response: 31365633  
Conc: 10.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



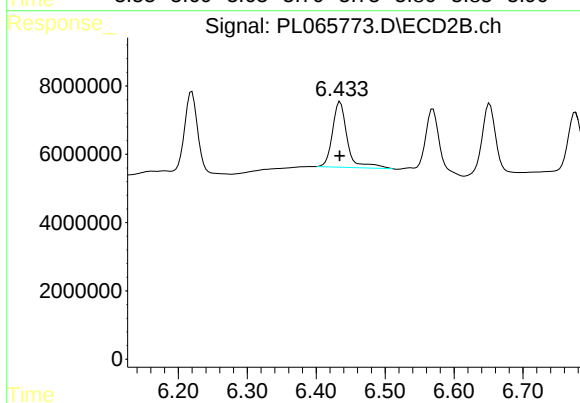
#13 Dieldrin

R.T.: 6.220 min  
Delta R.T.: 0.000 min  
Response: 29991355  
Conc: 10.64 ng/ml



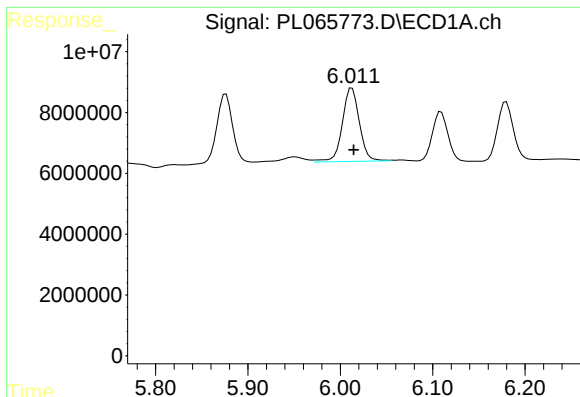
#14 Endrin

R.T.: 5.741 min  
Delta R.T.: -0.002 min  
Response: 27775093  
Conc: 10.29 ng/ml



#14 Endrin

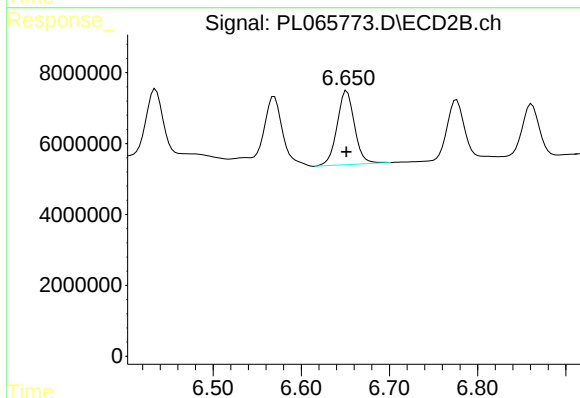
R.T.: 6.435 min  
Delta R.T.: 0.000 min  
Response: 28629530  
Conc: 11.49 ng/ml



#15 Endosulfan II

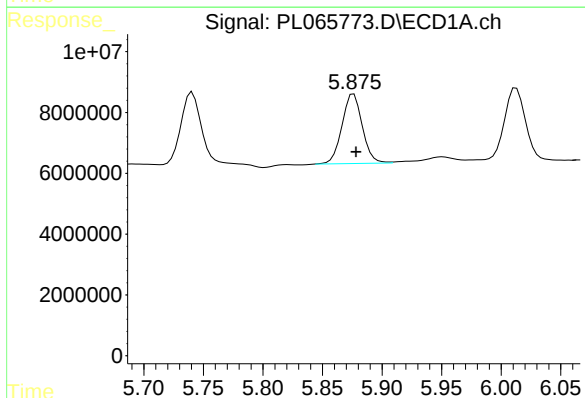
R.T.: 6.013 min  
Delta R.T.: -0.002 min  
Response: 31091461  
Conc: 12.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



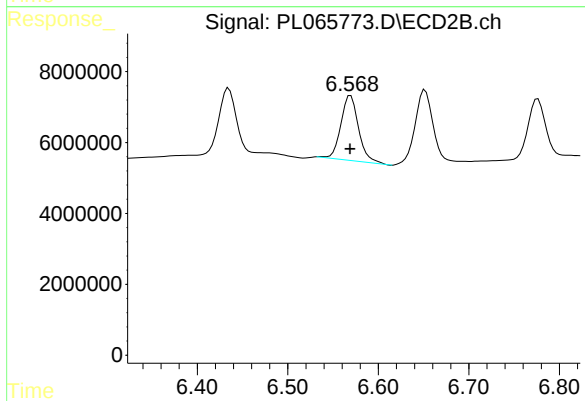
#15 Endosulfan II

R.T.: 6.652 min  
Delta R.T.: 0.000 min  
Response: 28552540  
Conc: 12.08 ng/ml



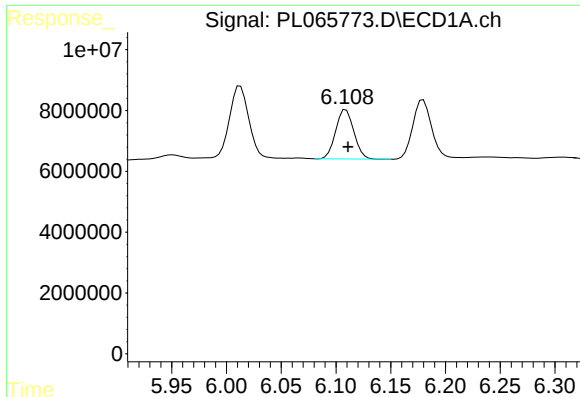
#16 4,4'-DDD

R.T.: 5.876 min  
Delta R.T.: -0.002 min  
Response: 27141031  
Conc: 11.96 ng/ml



#16 4,4'-DDD

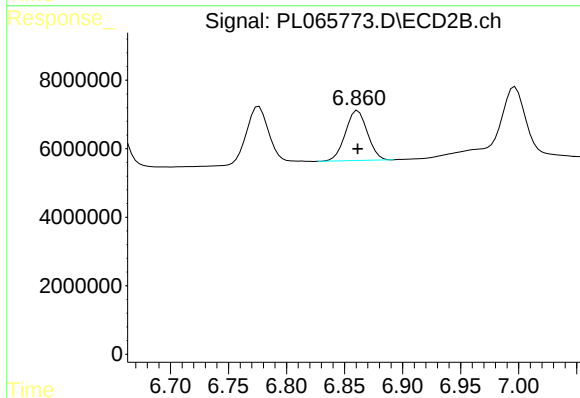
R.T.: 6.569 min  
Delta R.T.: 0.000 min  
Response: 25041685  
Conc: 11.88 ng/ml



#17 4,4'-DDT

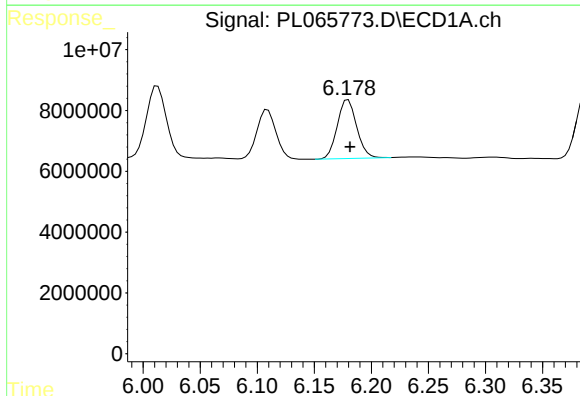
R.T.: 6.109 min  
Delta R.T.: -0.002 min  
Response: 18781918  
Conc: 8.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



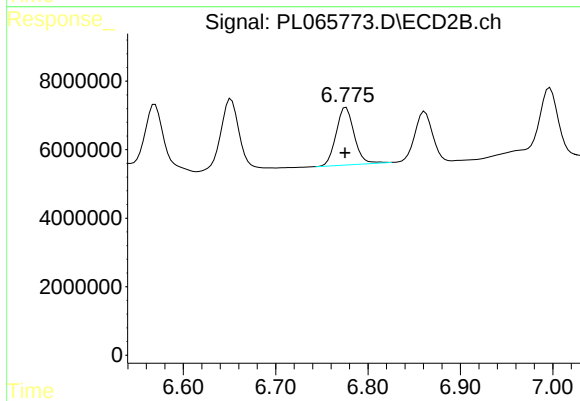
#17 4,4'-DDT

R.T.: 6.861 min  
Delta R.T.: 0.000 min  
Response: 19229403  
Conc: 8.59 ng/ml



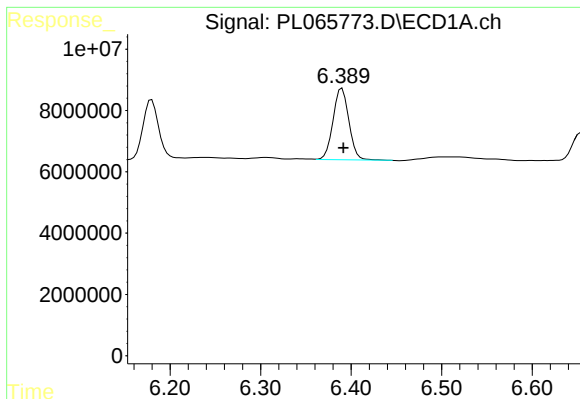
#18 Endrin aldehyde

R.T.: 6.180 min  
Delta R.T.: -0.002 min  
Response: 22923803  
Conc: 12.12 ng/ml



#18 Endrin aldehyde

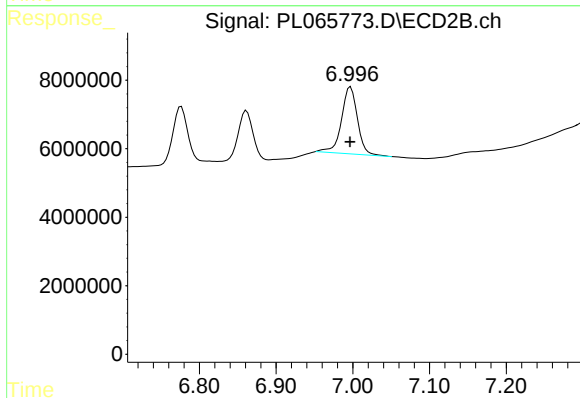
R.T.: 6.776 min  
Delta R.T.: 0.000 min  
Response: 23003050  
Conc: 12.12 ng/ml



#19 Endosulfan Sulfate

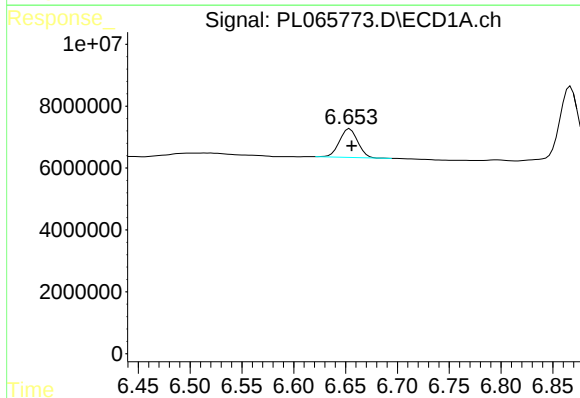
R.T.: 6.390 min  
Delta R.T.: -0.001 min  
Response: 28297926  
Conc: 10.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



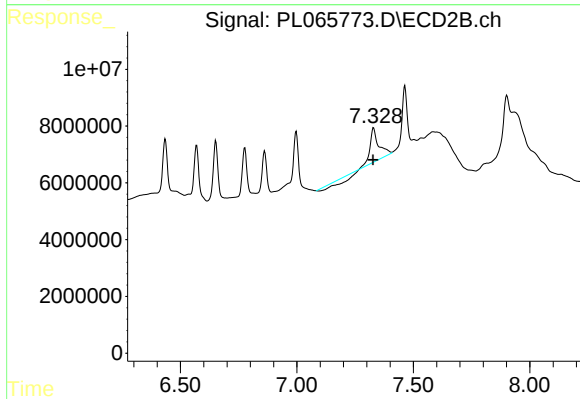
#19 Endosulfan Sulfate

R.T.: 6.997 min  
Delta R.T.: 0.000 min  
Response: 28222589  
Conc: 11.63 ng/ml



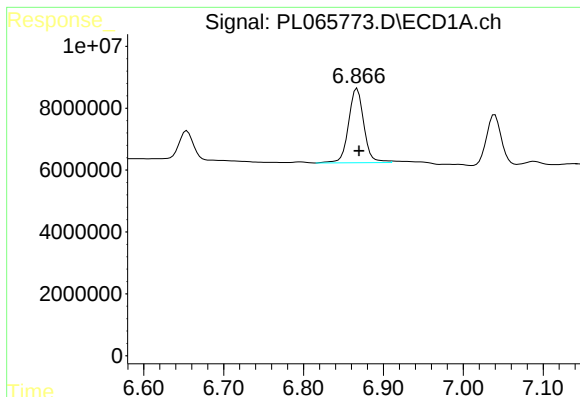
#20 Methoxychlor

R.T.: 6.654 min  
Delta R.T.: -0.002 min  
Response: 11275489  
Conc: 8.98 ng/ml



#20 Methoxychlor

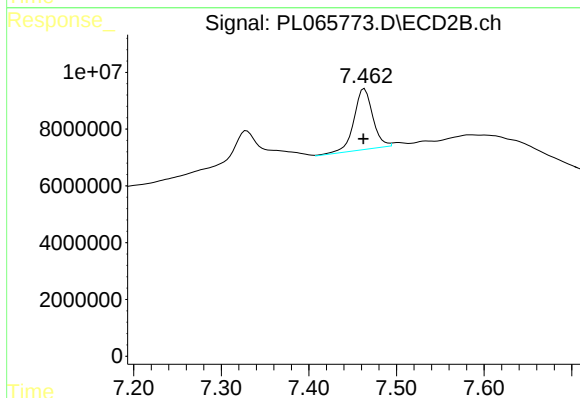
R.T.: 7.329 min  
Delta R.T.: 0.003 min  
Response: 18039364  
Conc: 14.24 ng/ml



#21 Endrin ketone

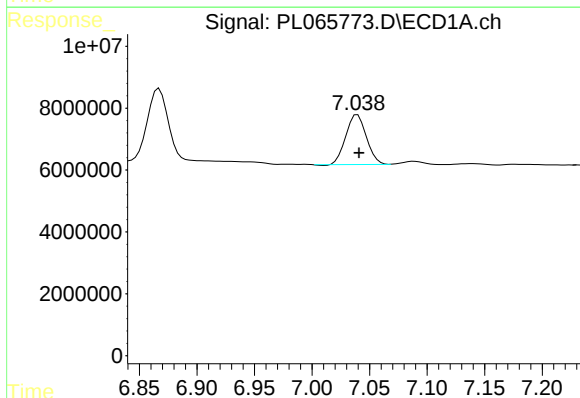
R.T.: 6.867 min  
Delta R.T.: -0.002 min  
Response: 31945283  
Conc: 11.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



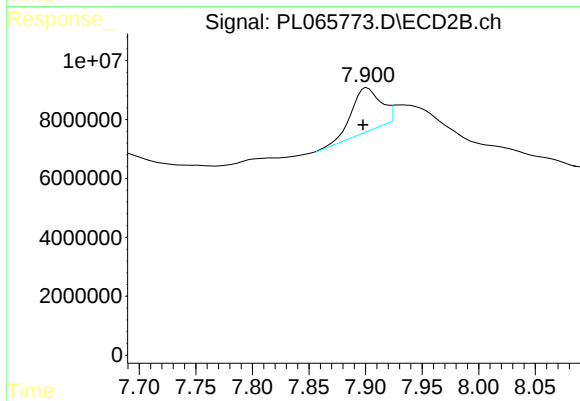
#21 Endrin ketone

R.T.: 7.464 min  
Delta R.T.: 0.001 min  
Response: 32075973  
Conc: 12.48 ng/ml



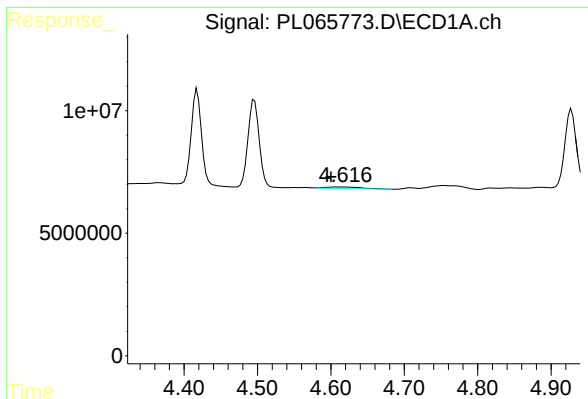
#22 Mirex

R.T.: 7.039 min  
Delta R.T.: -0.001 min  
Response: 20043754  
Conc: 9.57 ng/ml



#22 Mirex

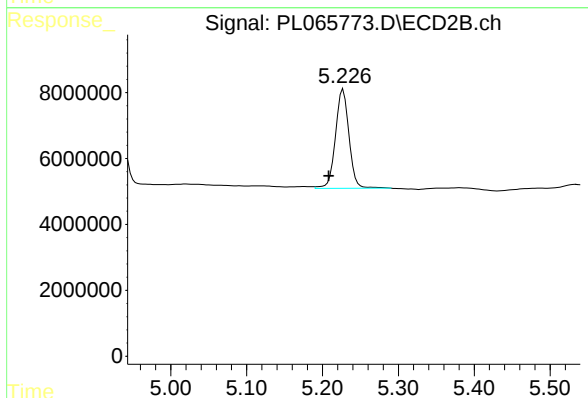
R.T.: 7.901 min  
Delta R.T.: 0.004 min  
Response: 26353373  
Conc: 13.50 ng/ml



#24 Chlordane-2

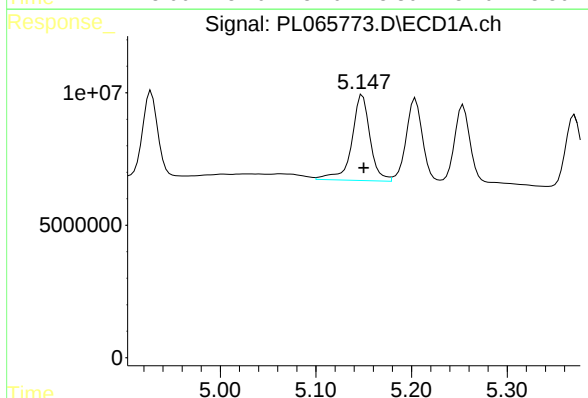
R.T.: 4.617 min  
Delta R.T.: 0.017 min  
Response: 2141480  
Conc: 18.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



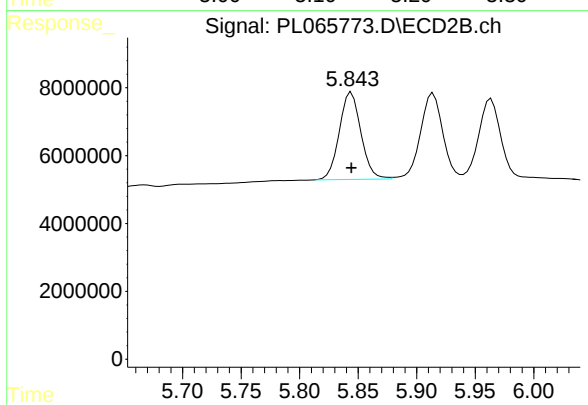
#24 Chlordane-2

R.T.: 5.227 min  
Delta R.T.: 0.019 min  
Response: 37302511  
Conc: 325.96 ng/ml



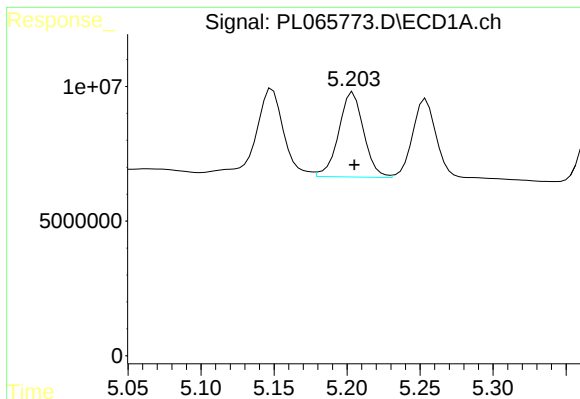
#25 Chlordane-3

R.T.: 5.149 min  
Delta R.T.: -0.001 min  
Response: 43124840  
Conc: 138.75 ng/ml



#25 Chlordane-3

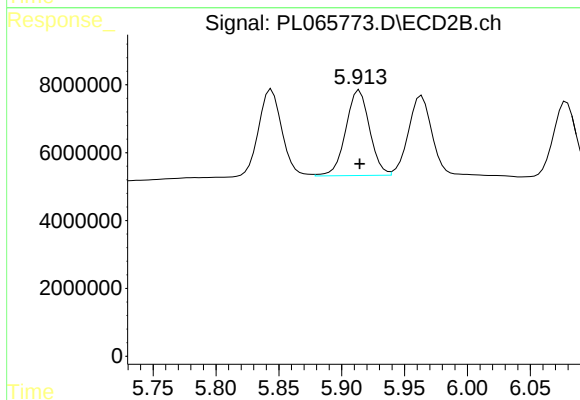
R.T.: 5.844 min  
Delta R.T.: 0.000 min  
Response: 33094545  
Conc: 77.86 ng/ml



#26 Chlordane-4

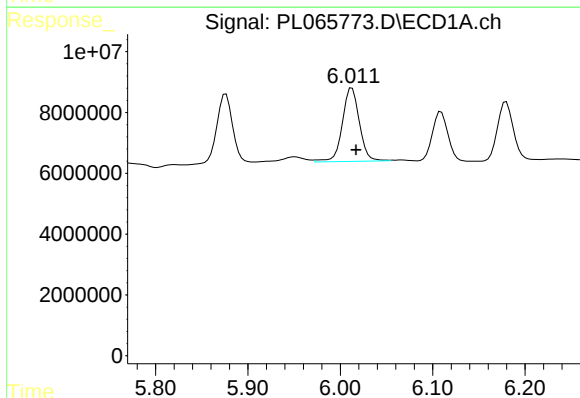
R.T.: 5.204 min  
Delta R.T.: 0.000 min  
Response: 37481400  
Conc: 131.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



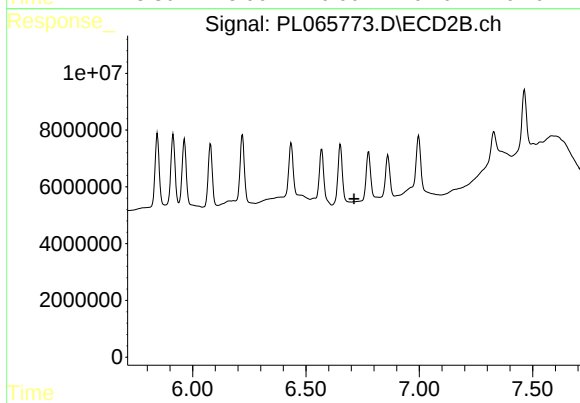
#26 Chlordane-4

R.T.: 5.914 min  
Delta R.T.: 0.000 min  
Response: 33219557  
Conc: 65.67 ng/ml



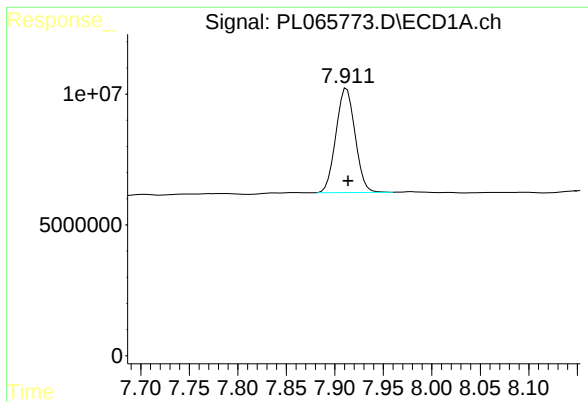
#27 Chlordane-5

R.T.: 6.013 min  
Delta R.T.: -0.005 min  
Response: 31091461  
Conc: 303.98 ng/ml



#27 Chlordane-5

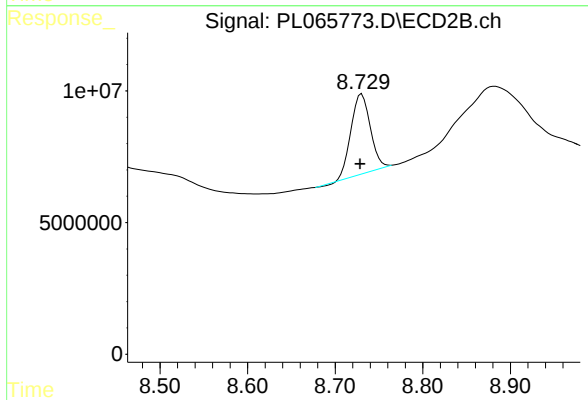
R.T.: 0.000 min  
Exp R.T.: 6.712 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: -0.001 min  
Response: 54629176  
Conc: 23.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.730 min  
Delta R.T.: 0.002 min  
Response: 46145914  
Conc: 20.47 ng/ml