

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042720\  
 Data File : PL058398.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Apr 2020 17:19  
 Operator : AJ\MA  
 Sample : L2407-01MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 28 01:14:26 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Apr 04 06:41:11 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... | 3.455 | 3.954  | 225.6E6  | 45422066 | 22.377   | 20.930     |
| 28)                         | SA Decachlor... | 8.200 | 8.974  | 124.9E6  | 25026262 | 12.113   | 11.204     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.892 | 4.341  | 1012.4E6 | 195.8E6  | 58.277   | 59.620     |
| 3)                          | MA gamma-BHC... | 4.175 | 4.623  | 910.2E6  | 178.7E6  | 62.621   | 55.018     |
| 4)                          | MA Heptachlor   | 4.475 | 5.124  | 965.9E6  | 200.7E6  | 60.252   | 59.808     |
| 5)                          | MB Aldrin       | 4.723 | 5.426  | 904.7E6  | 193.3E6  | 61.438   | 59.679     |
| 6)                          | B beta-BHC      | 4.428 | 4.797  | 408.9E6  | 86109894 | 64.752   | 62.012     |
| 7)                          | B delta-BHC     | 4.631 | 5.011  | 903.8E6  | 149.2E6  | 59.554   | 59.279     |
| 8)                          | B Heptachlo...  | 5.165 | 5.811  | 825.2E6  | 175.8E6  | 61.403   | 65.097     |
| 9)                          | A Endosulfan I  | 5.504 | 6.165  | 729.6E6  | 173.1E6  | 59.523   | 58.065     |
| 10)                         | B gamma-Chl...  | 5.392 | 6.044  | 850.7E6  | 198.6E6  | 62.641   | 61.285     |
| 11)                         | B alpha-Chl...  | 5.450 | 6.116  | 799.4E6  | 192.9E6  | 60.037   | 58.943     |
| 12)                         | B 4,4'-DDE      | 5.613 | 6.275  | 812.7E6  | 164.2E6  | 62.040   | 55.476     |
| 13)                         | MA Dieldrin     | 5.746 | 6.421  | 822.3E6  | 174.7E6  | 63.209   | 57.177     |
| 14)                         | MA Endrin       | 6.003 | 6.637  | 717.2E6  | 139.9E6  | 61.446   | 55.978     |
| 15)                         | B Endosulfa...  | 6.277 | 6.848  | 658.3E6  | 136.5E6  | 59.512   | 52.629     |
| 16)                         | A 4,4'-DDD      | 6.129 | 6.764  | 606.1E6  | 134.0E6  | 60.647   | 58.722     |
| 17)                         | MA 4,4'-DDT     | 6.369 | 7.060  | 570.5E6  | 114.7E6  | 56.207   | 51.516     |
| 18)                         | B Endrin al...  | 6.445 | 6.972  | 543.6E6  | 118.4E6  | 58.140   | 53.280     |
| 19)                         | B Endosulfa...  | 6.658 | 7.194  | 610.8E6  | 131.2E6  | 60.122   | 55.280     |
| 20)                         | A Methoxychlor  | 6.914 | 7.520  | 286.0E6  | 61724026 | 51.881   | 48.525     |
| 21)                         | B Endrin ke...  | 7.148 | 7.662  | 626.5E6  | 141.9E6  | 56.275   | 57.395     |
| 22)                         | Mirex           | 7.335 | 8.110  | 429.9E6  | 100.6E6  | 52.440   | 54.690     |
| 23)                         | Chlordane-1     | 4.321 | 4.935  | -290300  | 602643   | N.D.     | 6.834      |
| 24)                         | Chlordane-2     | 4.827 | 5.426f | 964668   | 193.3E6  | 2.389    | 1851.801 # |
| 25)                         | Chlordane-3     | 5.392 | 6.044  | 850.7E6  | 198.6E6  | 695.837  | 458.903 #  |
| 26)                         | Chlordane-4     | 5.450 | 6.116  | 799.4E6  | 192.9E6  | 768.526  | 367.437 #  |
| 27)                         | Chlordane-5     | 6.277 | 6.919  | 658.3E6  | 395245   | 1740.332 | 4.636 #    |
| -----                       |                 |       |        |          |          |          |            |

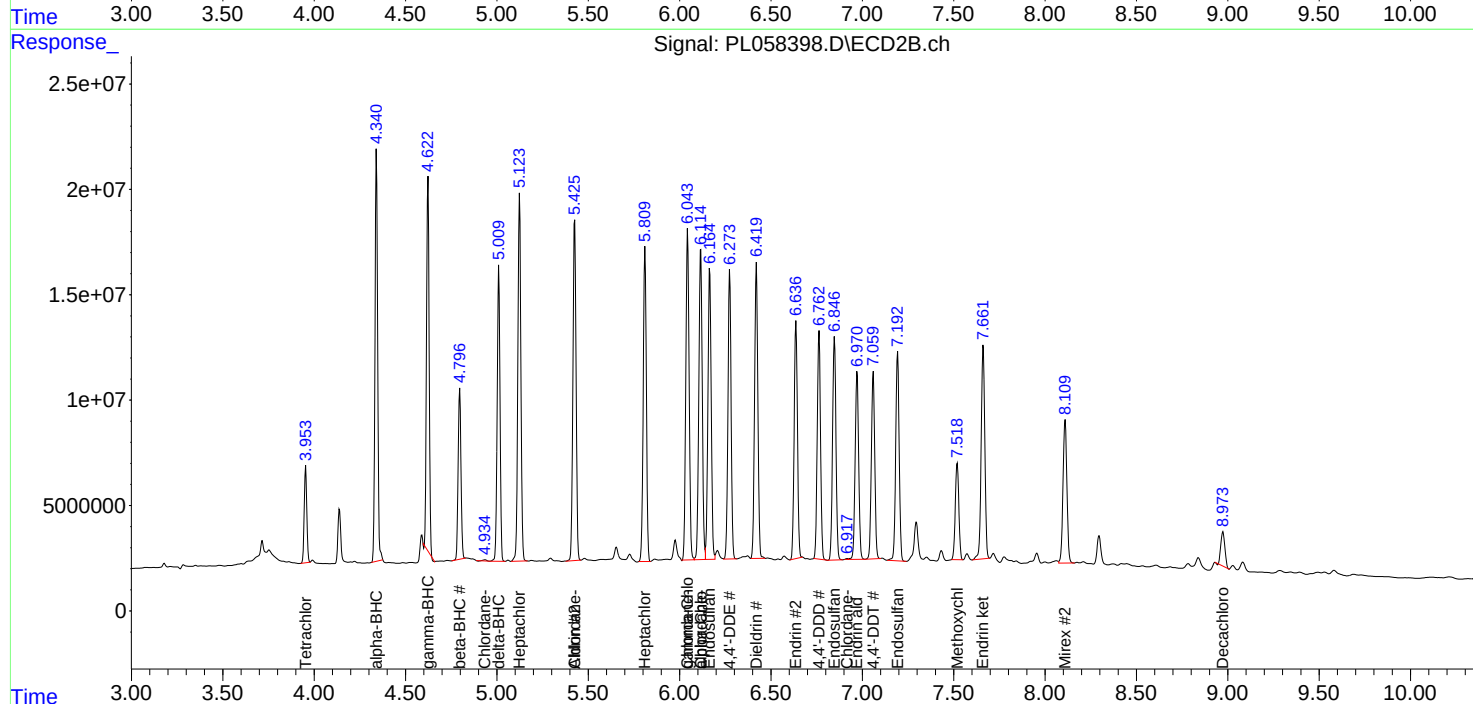
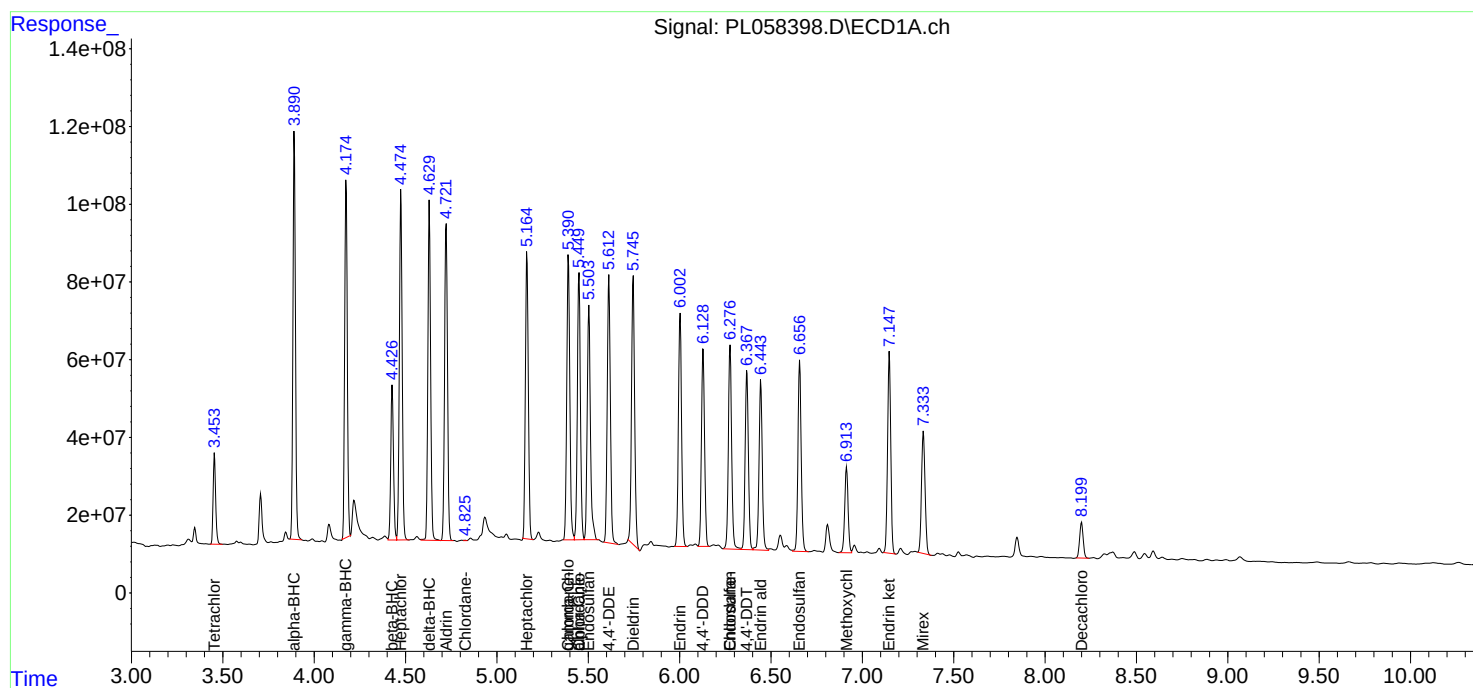
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

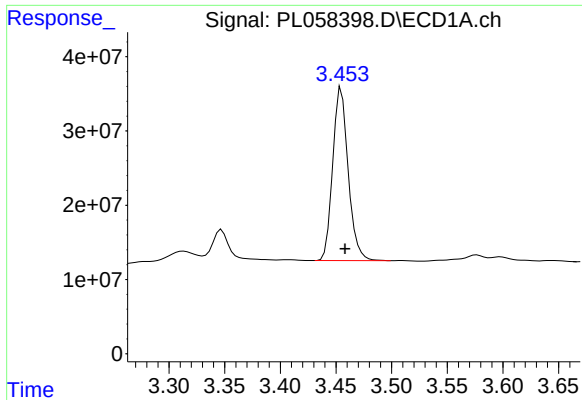
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042720\  
Data File : PL058398.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Apr 2020 17:19  
Operator : AJ\MA  
Sample : L2407-01MS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 28 01:14:26 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040320.M  
Quant Title : GC Extractables  
QLast Update : Sat Apr 04 06:41:11 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

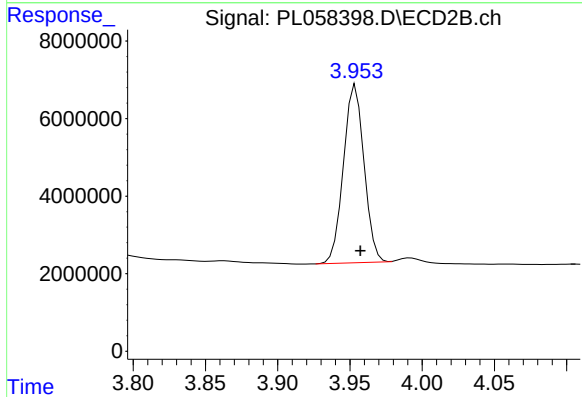




#1 Tetrachloro-m-xylene

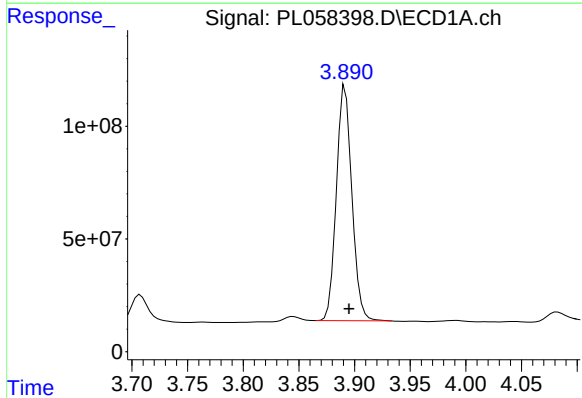
R.T.: 3.455 min  
Delta R.T.: -0.003 min  
Response: 225583100  
Conc: 22.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



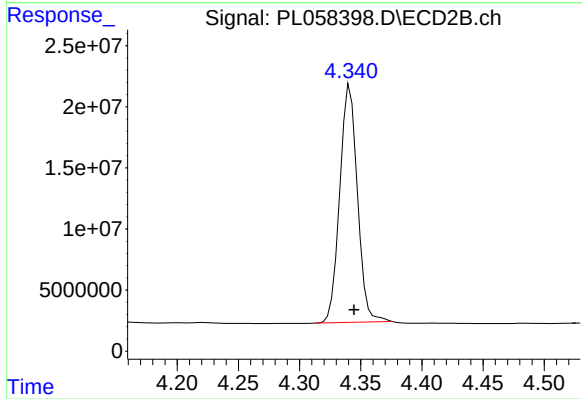
#1 Tetrachloro-m-xylene

R.T.: 3.954 min  
Delta R.T.: -0.003 min  
Response: 45422066  
Conc: 20.93 ng/ml



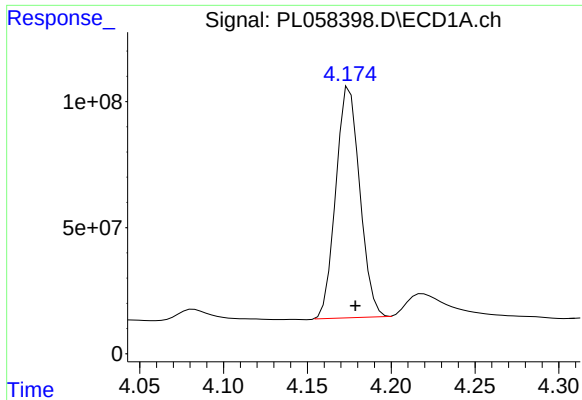
#2 alpha-BHC

R.T.: 3.892 min  
Delta R.T.: -0.003 min  
Response: 1012374172  
Conc: 58.28 ng/ml



#2 alpha-BHC

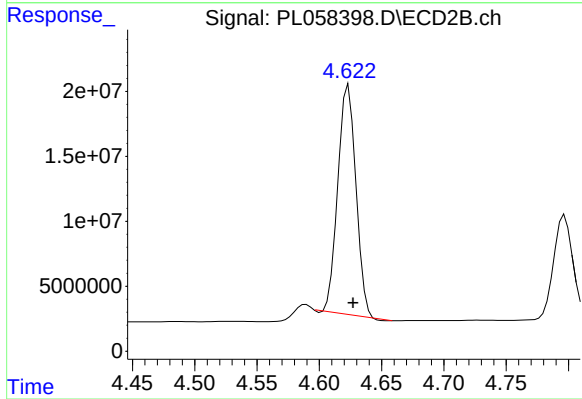
R.T.: 4.341 min  
Delta R.T.: -0.003 min  
Response: 195772457  
Conc: 59.62 ng/ml



#3 gamma-BHC (Lindane)

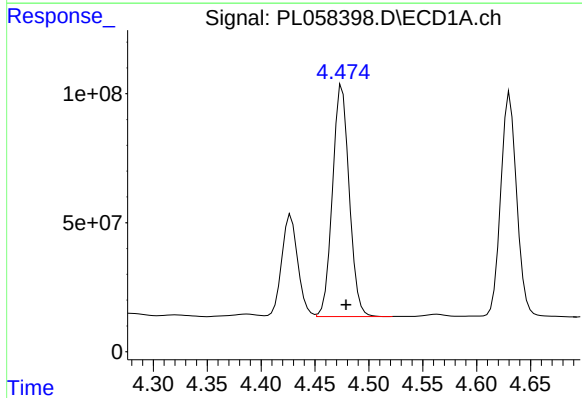
R.T.: 4.175 min  
Delta R.T.: -0.003 min  
Response: 910205444  
Conc: 62.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



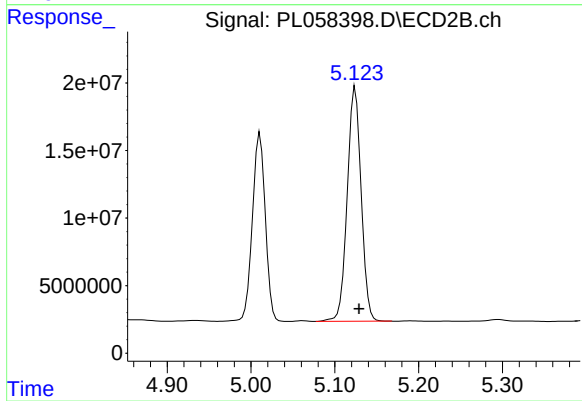
#3 gamma-BHC (Lindane)

R.T.: 4.623 min  
Delta R.T.: -0.003 min  
Response: 178730613  
Conc: 55.02 ng/ml



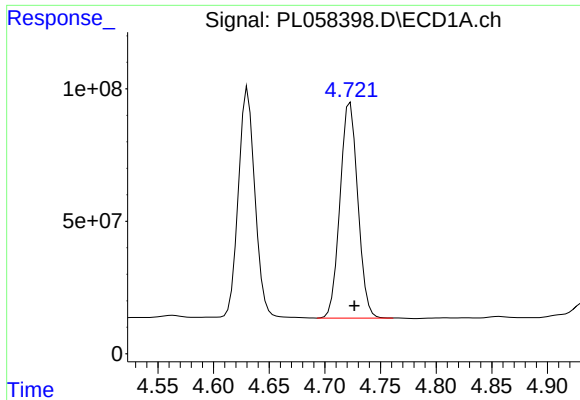
#4 Heptachlor

R.T.: 4.475 min  
Delta R.T.: -0.004 min  
Response: 965865810  
Conc: 60.25 ng/ml



#4 Heptachlor

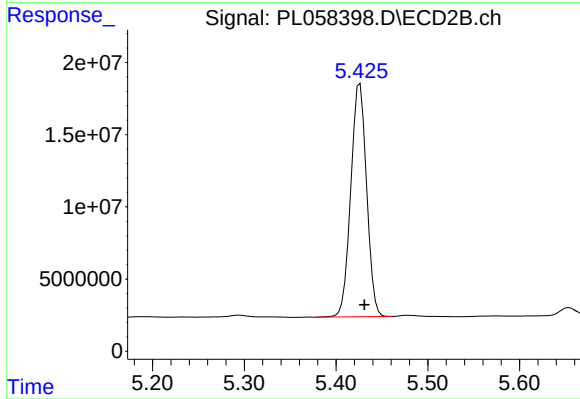
R.T.: 5.124 min  
Delta R.T.: -0.004 min  
Response: 200724348  
Conc: 59.81 ng/ml



#5 Aldrin

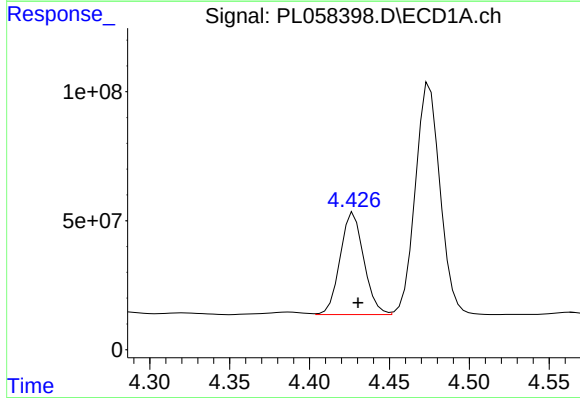
R.T.: 4.723 min  
Delta R.T.: -0.004 min  
Response: 904679512  
Conc: 61.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



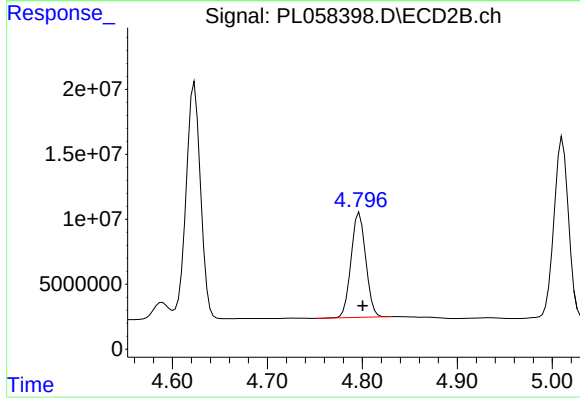
#5 Aldrin

R.T.: 5.426 min  
Delta R.T.: -0.005 min  
Response: 193251415  
Conc: 59.68 ng/ml



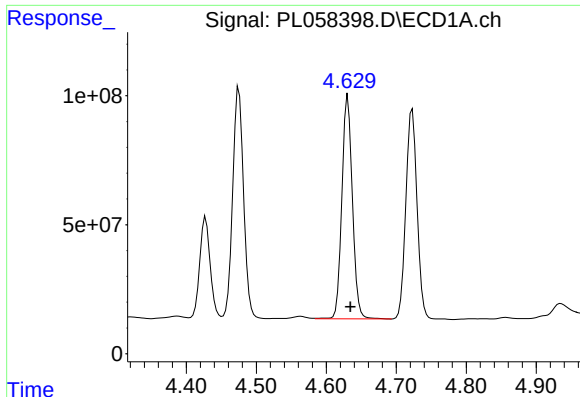
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: -0.003 min  
Response: 408929228  
Conc: 64.75 ng/ml



#6 beta-BHC

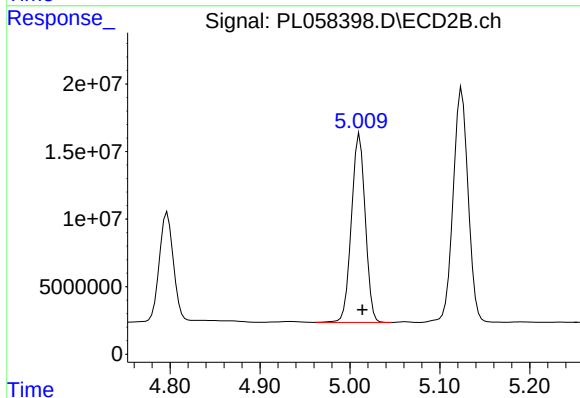
R.T.: 4.797 min  
Delta R.T.: -0.003 min  
Response: 86109894  
Conc: 62.01 ng/ml



#7 delta-BHC

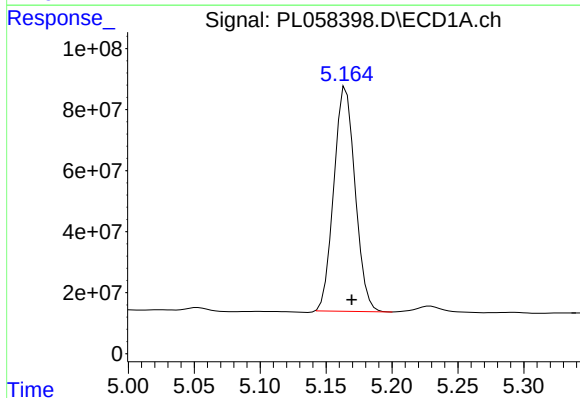
R.T.: 4.631 min  
Delta R.T.: -0.004 min  
Response: 903807792  
Conc: 59.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



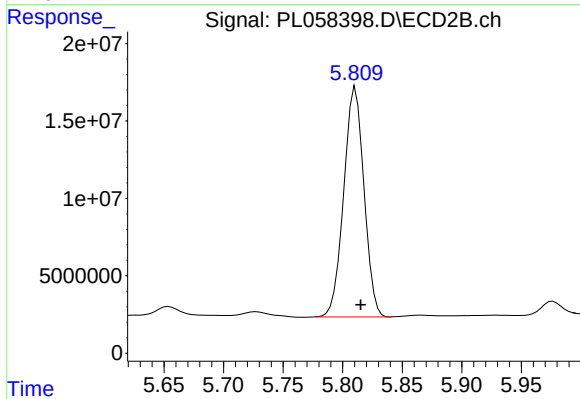
#7 delta-BHC

R.T.: 5.011 min  
Delta R.T.: -0.003 min  
Response: 149188995  
Conc: 59.28 ng/ml



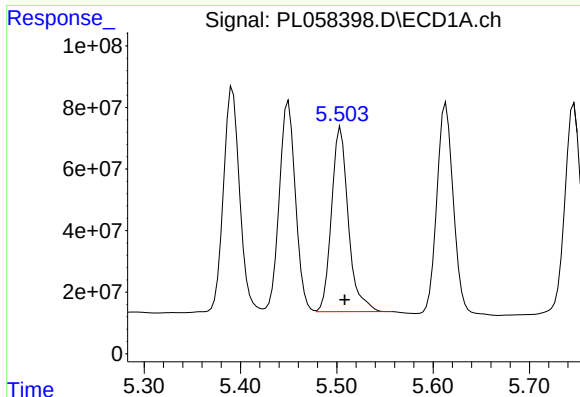
#8 Heptachlor epoxide

R.T.: 5.165 min  
Delta R.T.: -0.004 min  
Response: 825248018  
Conc: 61.40 ng/ml



#8 Heptachlor epoxide

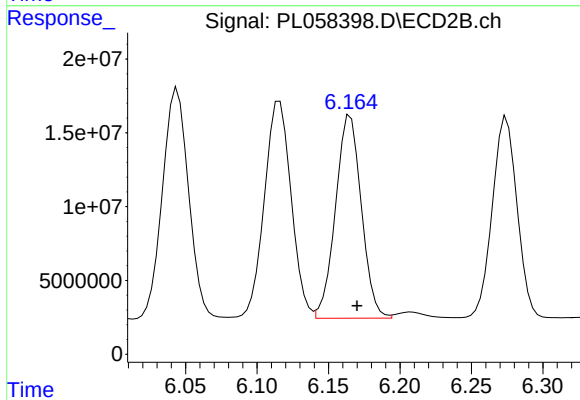
R.T.: 5.811 min  
Delta R.T.: -0.004 min  
Response: 175782629  
Conc: 65.10 ng/ml



#9 Endosulfan I

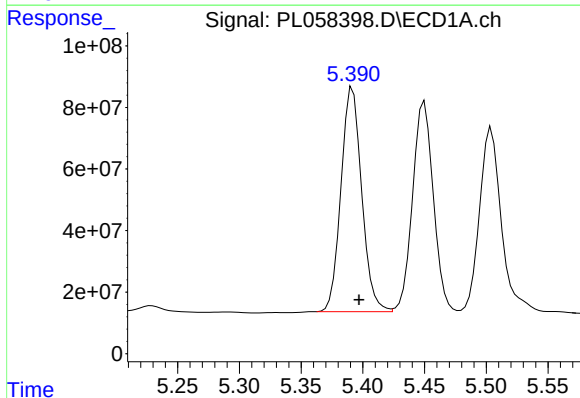
R.T.: 5.504 min  
Delta R.T.: -0.004 min  
Response: 729556316  
Conc: 59.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



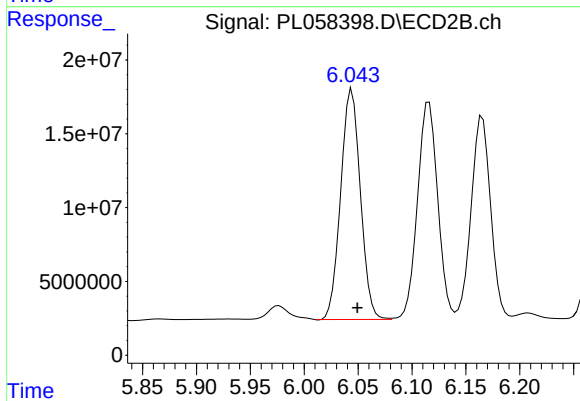
#9 Endosulfan I

R.T.: 6.165 min  
Delta R.T.: -0.005 min  
Response: 173136819  
Conc: 58.07 ng/ml



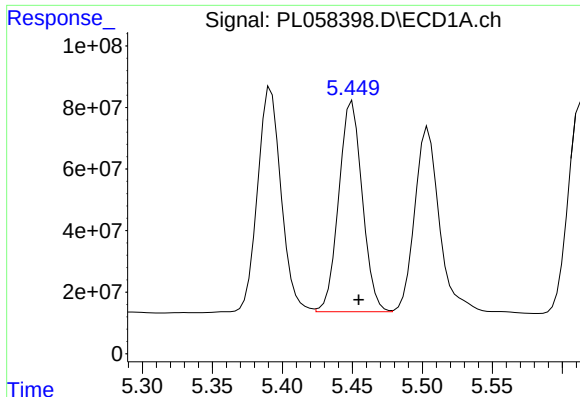
#10 gamma-Chlordane

R.T.: 5.392 min  
Delta R.T.: -0.005 min  
Response: 850739783  
Conc: 62.64 ng/ml



#10 gamma-Chlordane

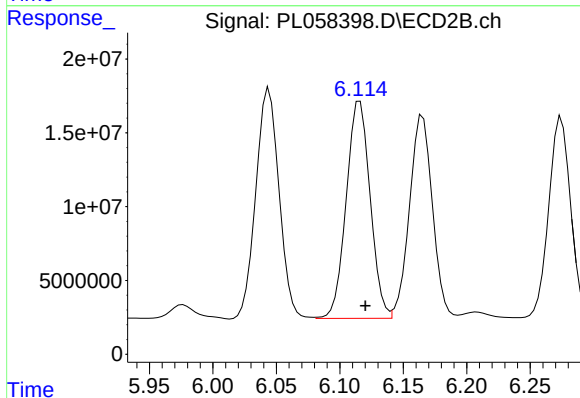
R.T.: 6.044 min  
Delta R.T.: -0.005 min  
Response: 198555394  
Conc: 61.28 ng/ml



#11 alpha-Chlordane

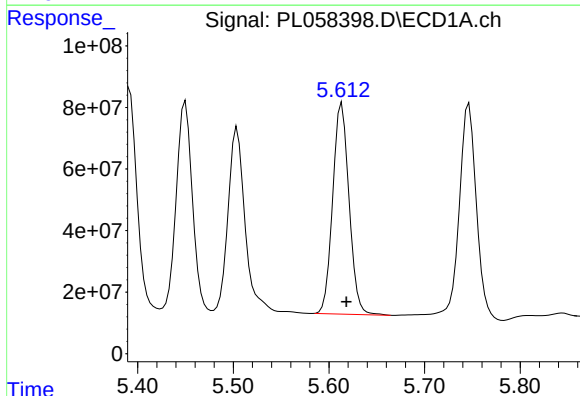
R.T.: 5.450 min  
Delta R.T.: -0.005 min  
Response: 799428702  
Conc: 60.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



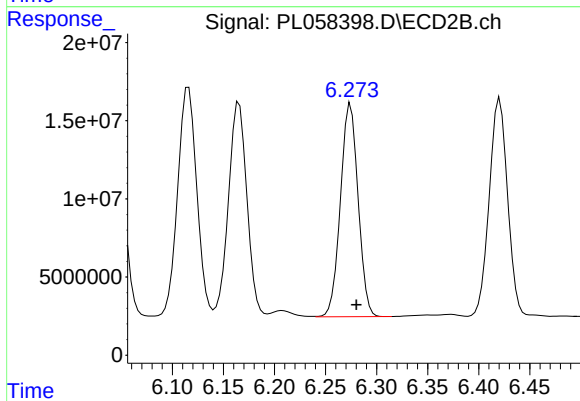
#11 alpha-Chlordane

R.T.: 6.116 min  
Delta R.T.: -0.004 min  
Response: 192881369  
Conc: 58.94 ng/ml



#12 4,4'-DDE

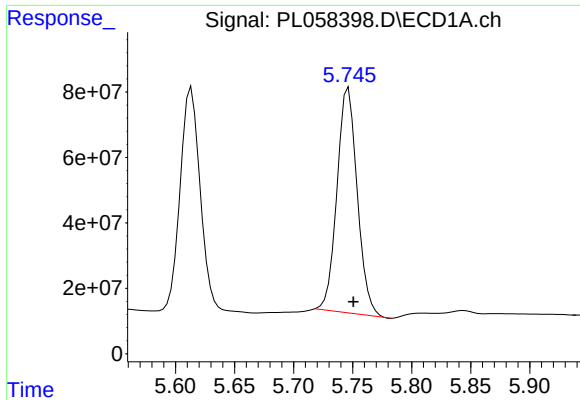
R.T.: 5.613 min  
Delta R.T.: -0.005 min  
Response: 812735561  
Conc: 62.04 ng/ml



#12 4,4'-DDE

R.T.: 6.275 min  
Delta R.T.: -0.006 min  
Response: 164243962  
Conc: 55.48 ng/ml

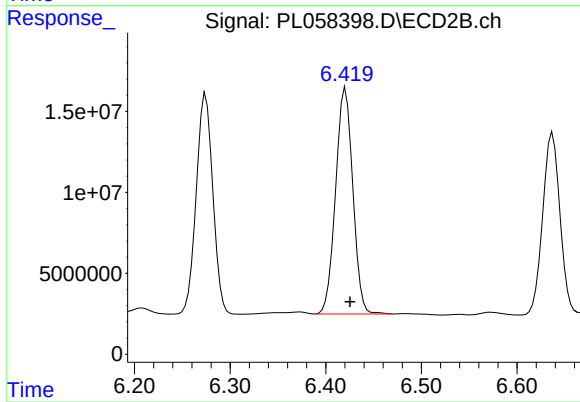




#13 Dieldrin

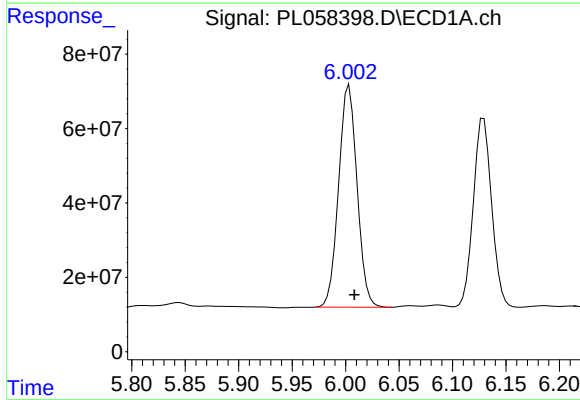
R.T.: 5.746 min  
Delta R.T.: -0.004 min  
Response: 822287673  
Conc: 63.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



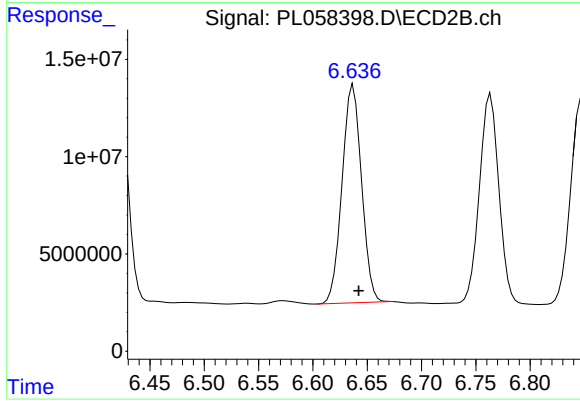
#13 Dieldrin

R.T.: 6.421 min  
Delta R.T.: -0.005 min  
Response: 174713582  
Conc: 57.18 ng/ml



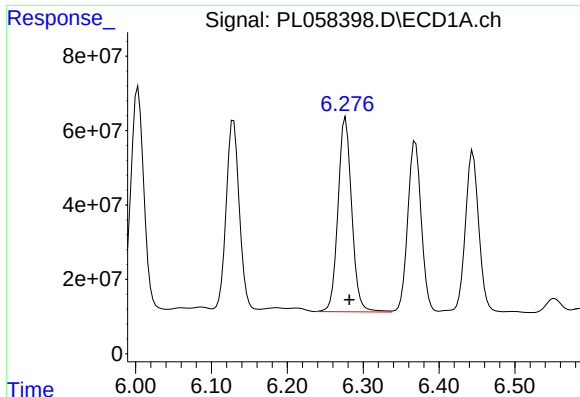
#14 Endrin

R.T.: 6.003 min  
Delta R.T.: -0.005 min  
Response: 717248111  
Conc: 61.45 ng/ml



#14 Endrin

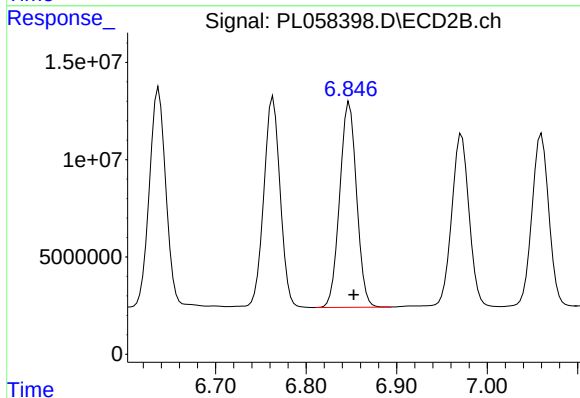
R.T.: 6.637 min  
Delta R.T.: -0.005 min  
Response: 139864159  
Conc: 55.98 ng/ml



#15 Endosulfan II

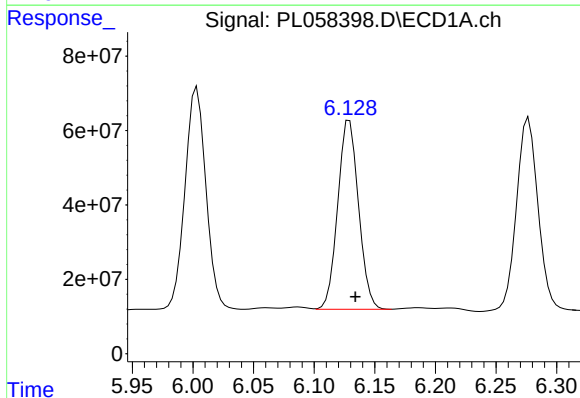
R.T.: 6.277 min  
Delta R.T.: -0.005 min  
Response: 658324549  
Conc: 59.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



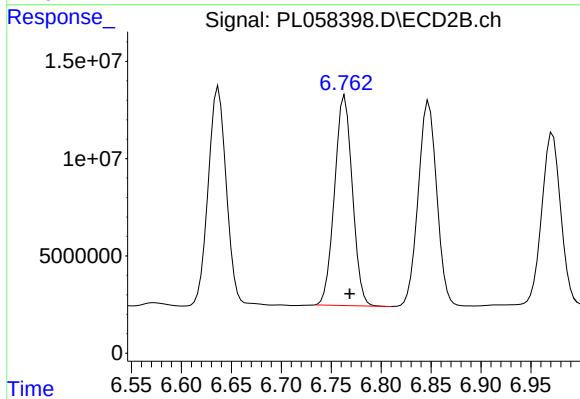
#15 Endosulfan II

R.T.: 6.848 min  
Delta R.T.: -0.005 min  
Response: 136499722  
Conc: 52.63 ng/ml



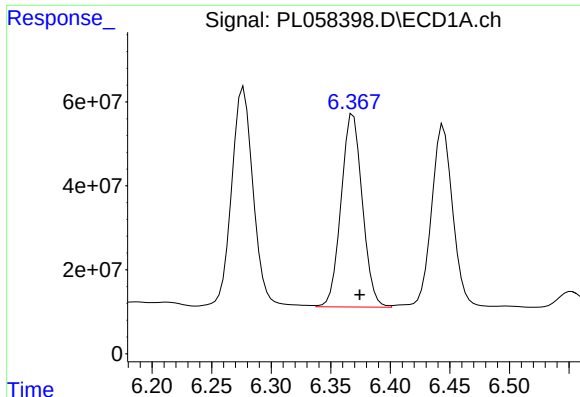
#16 4,4'-DDD

R.T.: 6.129 min  
Delta R.T.: -0.005 min  
Response: 606138916  
Conc: 60.65 ng/ml



#16 4,4'-DDD

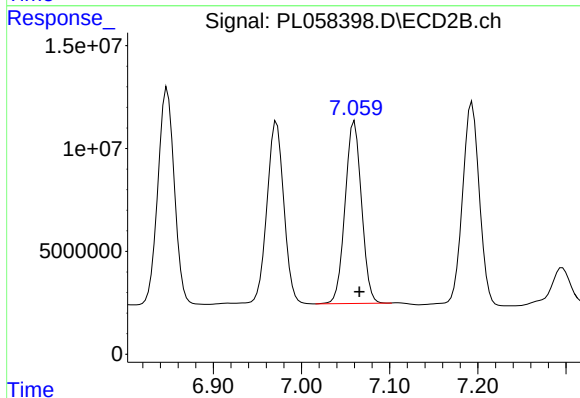
R.T.: 6.764 min  
Delta R.T.: -0.005 min  
Response: 134014308  
Conc: 58.72 ng/ml



#17 4,4'-DDT

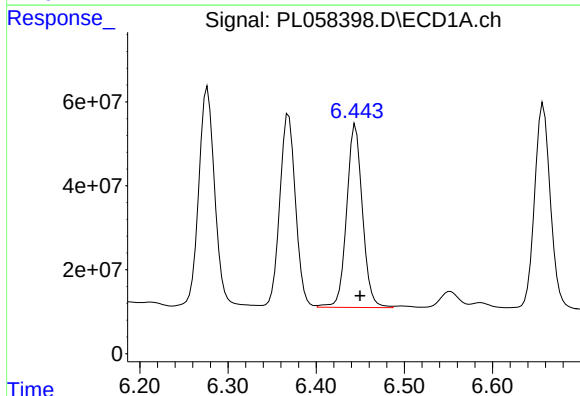
R.T.: 6.369 min  
Delta R.T.: -0.005 min  
Response: 570472558  
Conc: 56.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



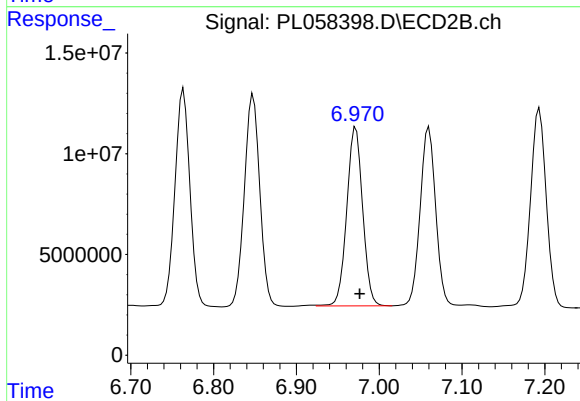
#17 4,4'-DDT

R.T.: 7.060 min  
Delta R.T.: -0.005 min  
Response: 114745283  
Conc: 51.52 ng/ml



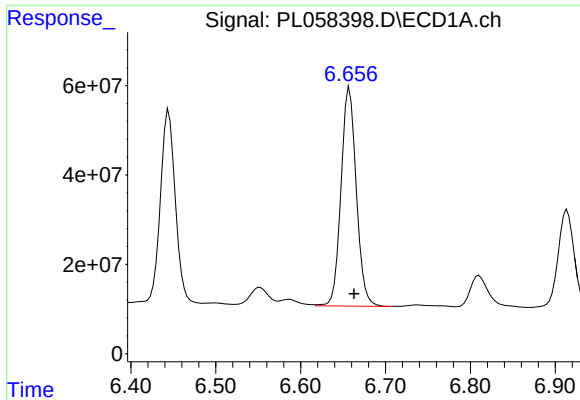
#18 Endrin aldehyde

R.T.: 6.445 min  
Delta R.T.: -0.005 min  
Response: 543581513  
Conc: 58.14 ng/ml



#18 Endrin aldehyde

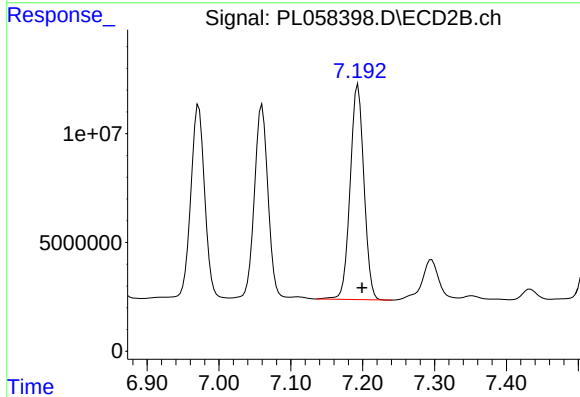
R.T.: 6.972 min  
Delta R.T.: -0.005 min  
Response: 118369226  
Conc: 53.28 ng/ml



#19 Endosulfan Sulfate

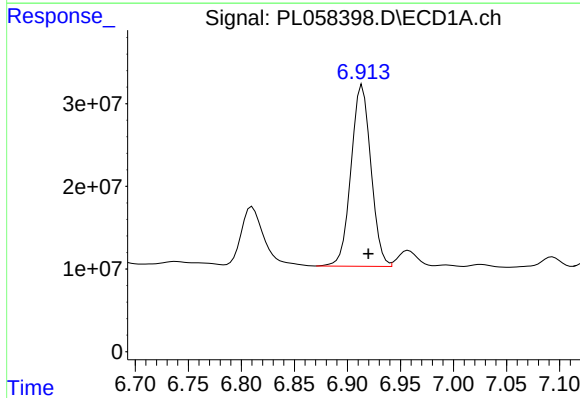
R.T.: 6.658 min  
Delta R.T.: -0.005 min  
Response: 610818808  
Conc: 60.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



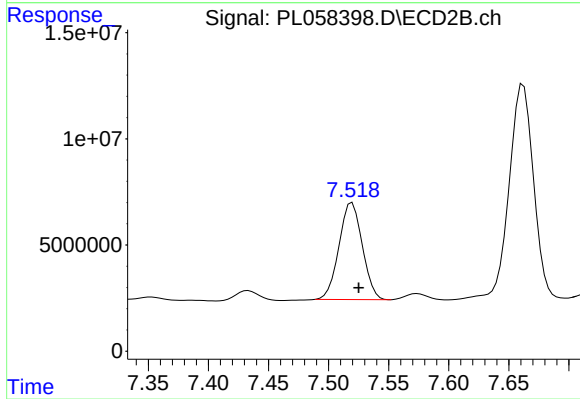
#19 Endosulfan Sulfate

R.T.: 7.194 min  
Delta R.T.: -0.006 min  
Response: 131182409  
Conc: 55.28 ng/ml



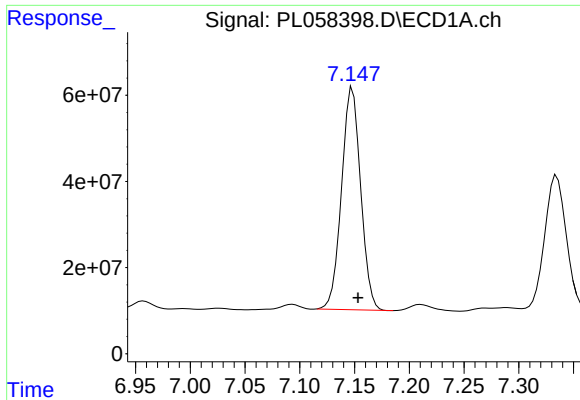
#20 Methoxychlor

R.T.: 6.914 min  
Delta R.T.: -0.006 min  
Response: 286001881  
Conc: 51.88 ng/ml



#20 Methoxychlor

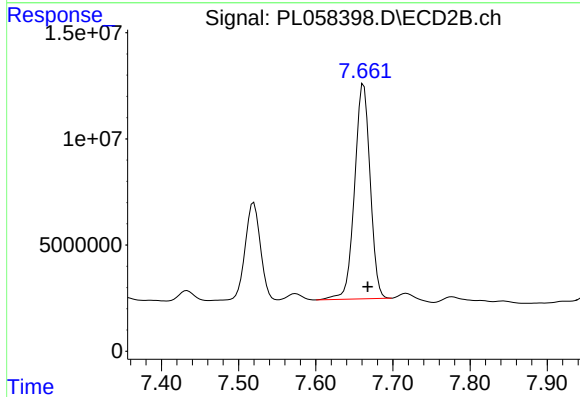
R.T.: 7.520 min  
Delta R.T.: -0.005 min  
Response: 61724026  
Conc: 48.52 ng/ml



#21 Endrin ketone

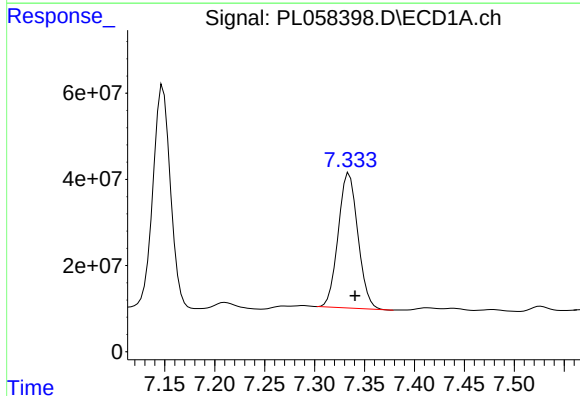
R.T.: 7.148 min  
Delta R.T.: -0.005 min  
Response: 626494876  
Conc: 56.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



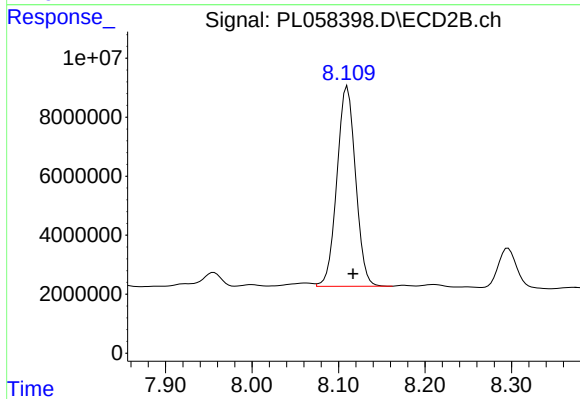
#21 Endrin ketone

R.T.: 7.662 min  
Delta R.T.: -0.005 min  
Response: 141881636  
Conc: 57.40 ng/ml



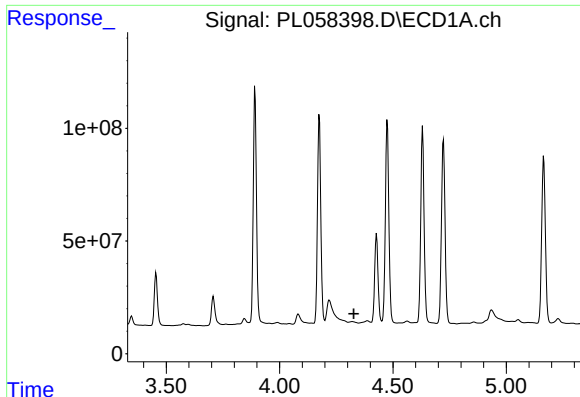
#22 Mirex

R.T.: 7.335 min  
Delta R.T.: -0.006 min  
Response: 429857549  
Conc: 52.44 ng/ml



#22 Mirex

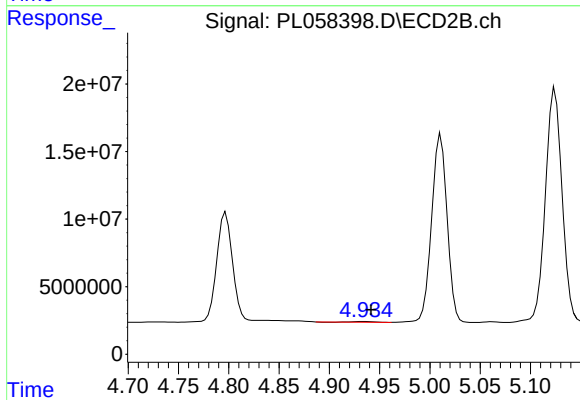
R.T.: 8.110 min  
Delta R.T.: -0.007 min  
Response: 100554399  
Conc: 54.69 ng/ml



#23 Chlordane-1

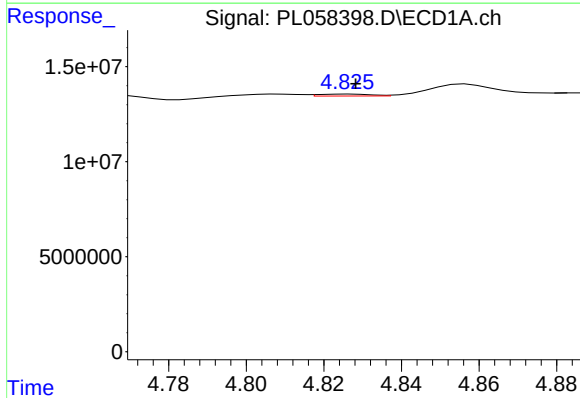
R.T.: 4.321 min  
Delta R.T.: -0.006 min  
Response: -290300  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



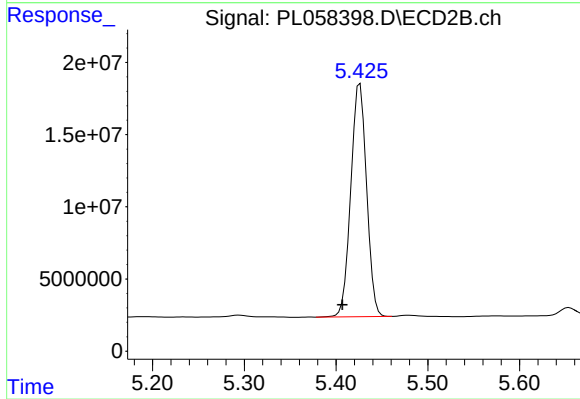
#23 Chlordane-1

R.T.: 4.935 min  
Delta R.T.: -0.006 min  
Response: 602643  
Conc: 6.83 ng/ml



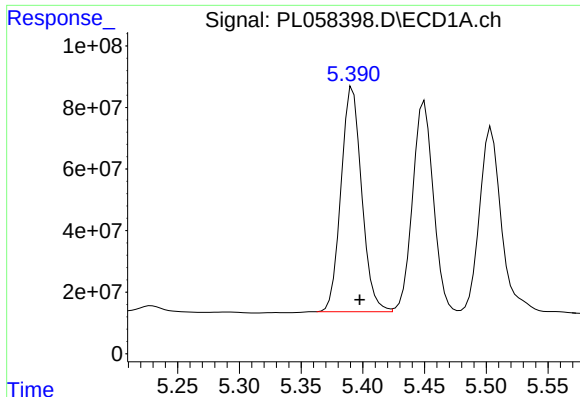
#24 Chlordane-2

R.T.: 4.827 min  
Delta R.T.: -0.001 min  
Response: 964668  
Conc: 2.39 ng/ml



#24 Chlordane-2

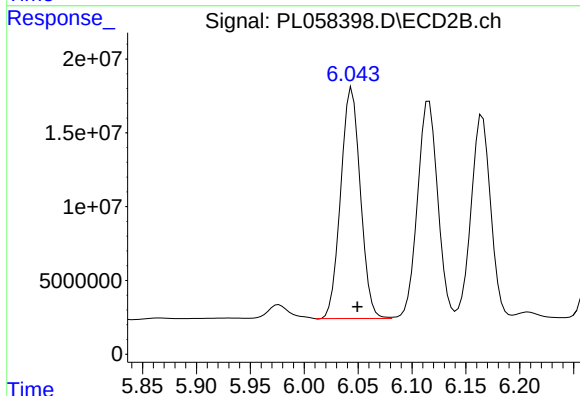
R.T.: 5.426 min  
Delta R.T.: 0.019 min  
Response: 193251415  
Conc: 1851.80 ng/ml



#25 Chlordane-3

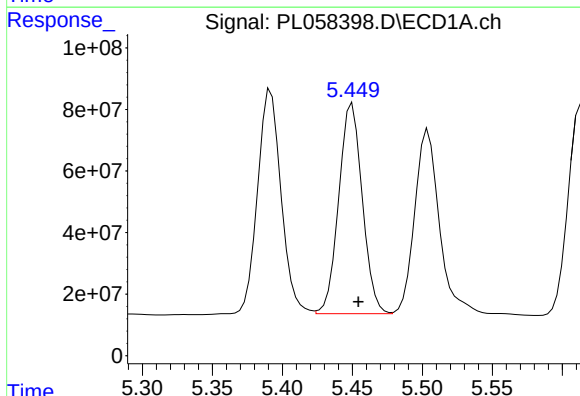
R.T.: 5.392 min  
Delta R.T.: -0.006 min  
Response: 850739783  
Conc: 695.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



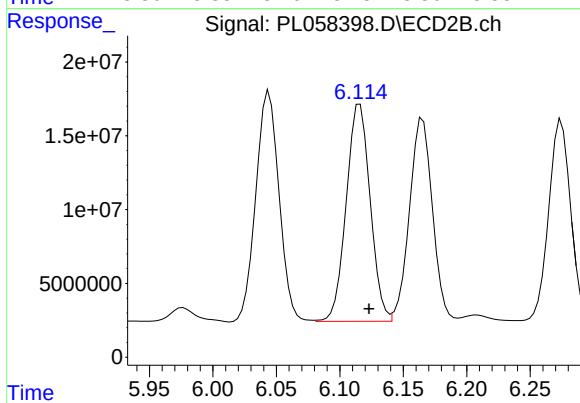
#25 Chlordane-3

R.T.: 6.044 min  
Delta R.T.: -0.005 min  
Response: 198555394  
Conc: 458.90 ng/ml



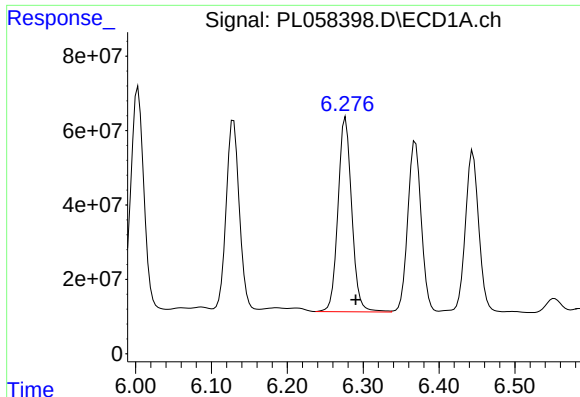
#26 Chlordane-4

R.T.: 5.450 min  
Delta R.T.: -0.004 min  
Response: 799428702  
Conc: 768.53 ng/ml



#26 Chlordane-4

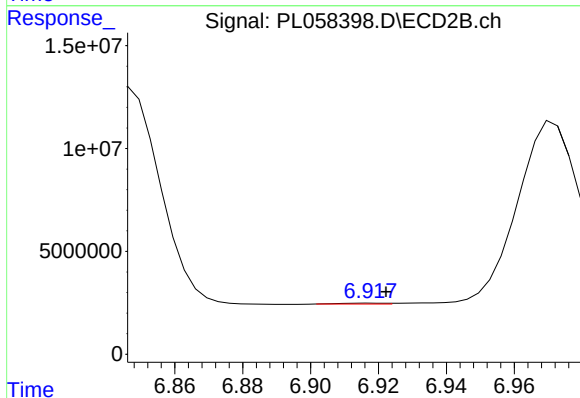
R.T.: 6.116 min  
Delta R.T.: -0.007 min  
Response: 192881369  
Conc: 367.44 ng/ml



#27 Chlordane-5

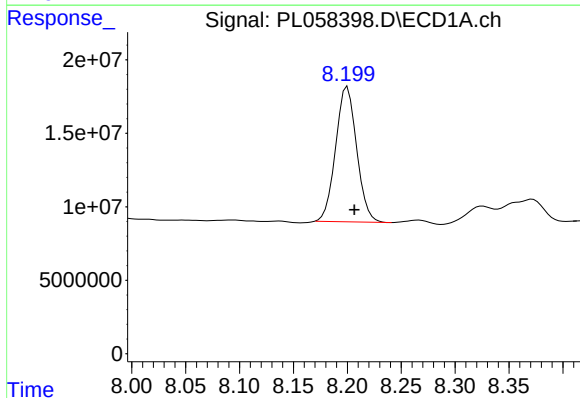
R.T.: 6.277 min  
Delta R.T.: -0.013 min  
Response: 658324549  
Conc: 1740.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



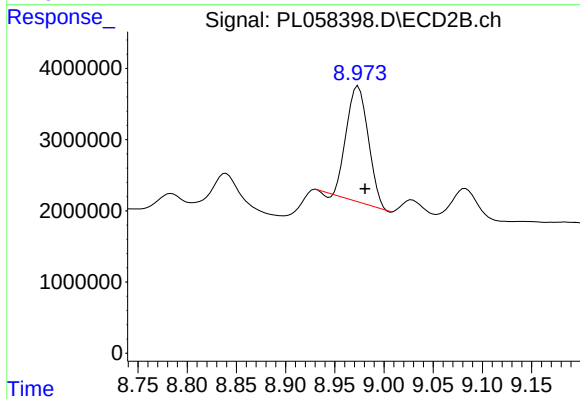
#27 Chlordane-5

R.T.: 6.919 min  
Delta R.T.: -0.003 min  
Response: 395245  
Conc: 4.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.200 min  
Delta R.T.: -0.007 min  
Response: 124870390  
Conc: 12.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.974 min  
Delta R.T.: -0.007 min  
Response: 25026262  
Conc: 11.20 ng/ml