

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111623\  
 Data File : PL086710.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Nov 2023 18:40  
 Operator : AR\AJ  
 Sample : 05432-01  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 16 20:06:35 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 08 13:04:14 2023  
 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... | 3.352  | 2.618 | 37206669 | 11427325 | 11.459 | 11.606   |
| 28)                         | SA Decachlor... | 8.850  | 7.766 | 39718706 | 15465733 | 13.569 | 12.807   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.143  | 3.449 | 499409   | -3936    | 0.106  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.725  | 3.778 | 723298   | 942199   | 0.159  | 0.704 #  |
| 5)                          | MB Aldrin       | 5.040f | 4.052 | 14375619 | 983574   | 3.175  | 0.756 #  |
| 6)                          | B beta-BHC      | 4.356f | 3.751 | 351542   | 80516    | 0.174  | 0.135    |
| 7)                          | B delta-BHC     | 4.584  | 3.973 | 1102819  | 536842   | 0.240  | 0.410 #  |
| 8)                          | B Heptachlo...  | 5.522f | 4.561 | 501437   | 54326    | 0.129  | 0.045 #  |
| 9)                          | A Endosulfan I  | 0.000  | 4.943 | 0        | 816140   | N.D.   | 0.710 #  |
| 10)                         | B gamma-Chl...  | 5.752  | 4.811 | 19190137 | 3978007  | 4.684  | 3.224 #  |
| 11)                         | B alpha-Chl...  | 5.834  | 4.873 | 37668114 | 8194297  | 9.278  | 6.553 #  |
| 12)                         | B 4,4'-DDE      | 6.013  | 5.073 | 18259189 | 5322181  | 5.265  | 5.185    |
| 13)                         | MA Dieldrin     | 6.163  | 5.202 | -483348  | 432994   | N.D.   | 0.363    |
| 14)                         | MA Endrin       | 6.392  | 5.479 | 756023   | 554763   | 0.219  | 0.506 #  |
| 15)                         | B Endosulfa...  | 6.607  | 5.763 | 2992804  | 780627   | 0.842  | 0.711    |
| 16)                         | A 4,4'-DDD      | 6.541  | 5.628 | 1735471  | 148889   | 0.652  | 0.175 #  |
| 17)                         | MA 4,4'-DDT     | 6.846  | 5.874 | 983359   | 1170360  | 0.332  | 1.197 #  |
| 18)                         | B Endrin al...  | 0.000  | 5.952 | 0        | 1896433  | N.D.   | 2.024 #  |
| 19)                         | B Endosulfa...  | 6.961  | 6.173 | 699966   | 209929   | 0.209  | 0.193    |
| 21)                         | B Endrin ke...  | 7.443  | 6.683 | 1512118  | 8055     | 0.444  | 0.006 #  |
| 22)                         | Mirex           | 0.000  | 6.847 | 0        | 84229    | N.D.   | 0.074 #  |
| 23)                         | Chlordane-1     | 4.508  | 3.605 | 12059936 | 3585533  | 86.197 | 102.339  |
| 24)                         | Chlordane-2     | 5.040  | 4.182 | 14375619 | 4466534  | 94.844 | 98.890   |
| 25)                         | Chlordane-3     | 5.752  | 4.811 | 19190137 | 3978007  | 33.176 | 33.737   |
| 26)                         | Chlordane-4     | 5.834  | 4.873 | 37668114 | 8194297  | 52.688 | 64.181   |
| 27)                         | Chlordane-5     | 6.670  | 5.549 | 1802530  | 1079887  | 13.853 | 29.744 # |
| -----                       |                 |        |       |          |          |        |          |

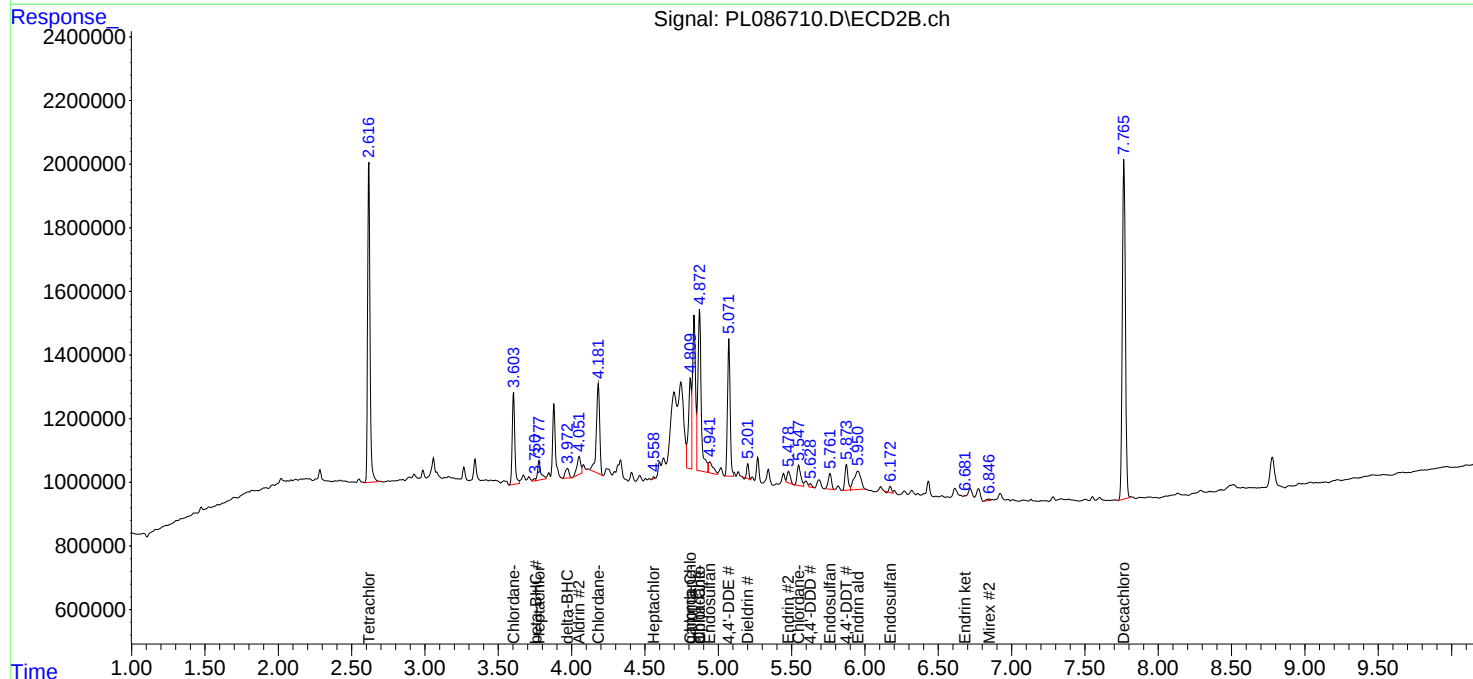
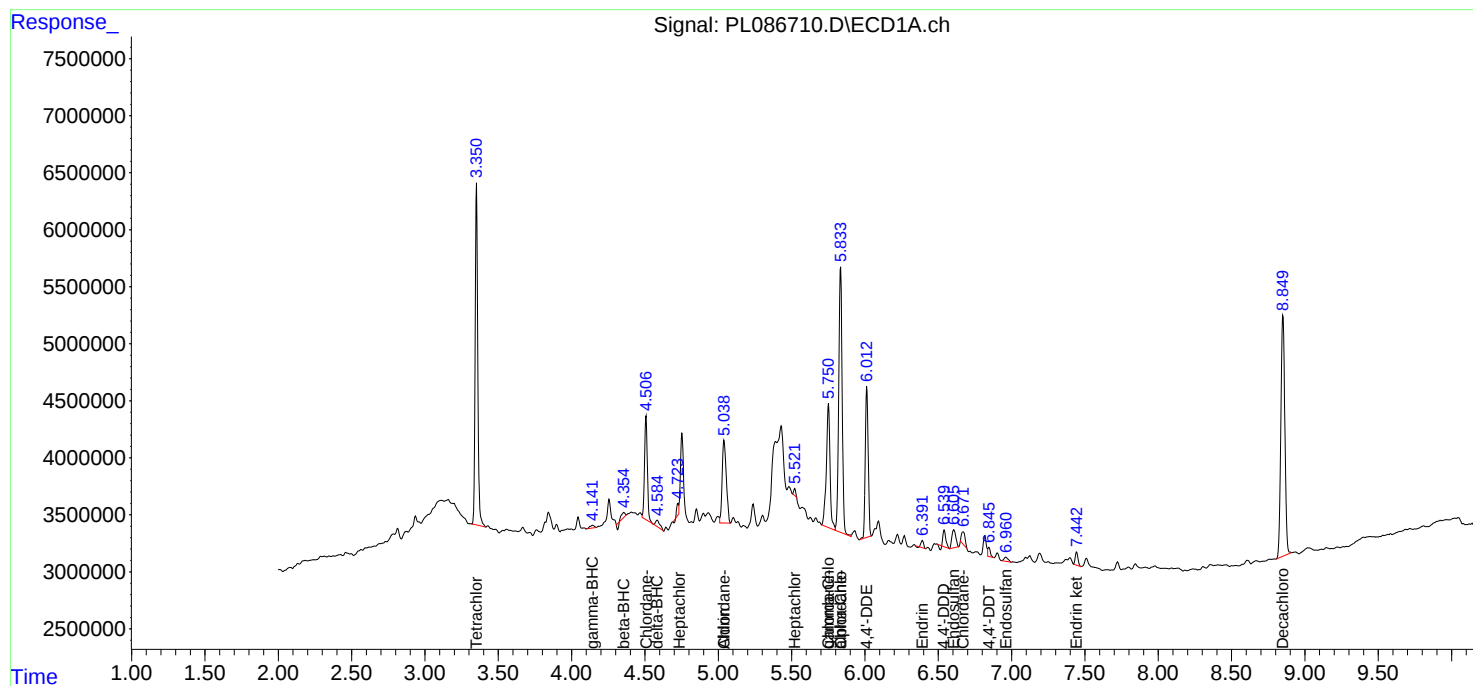
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

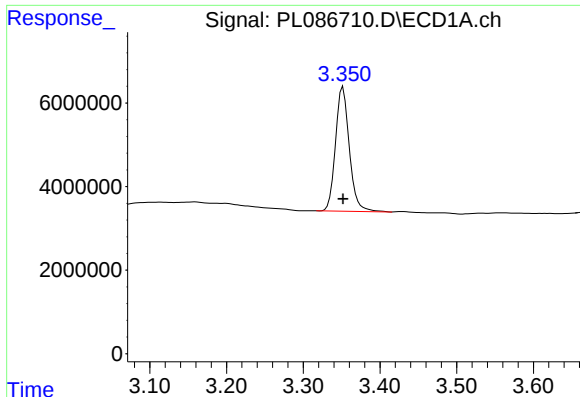
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111623\  
Data File : PL086710.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Nov 2023 18:40  
Operator : AR\AJ  
Sample : 05432-01  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 16 20:06:35 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 08 13:04:14 2023  
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

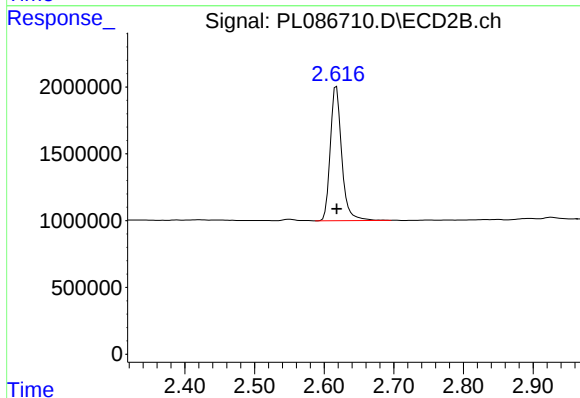




#1 Tetrachloro-m-xylene

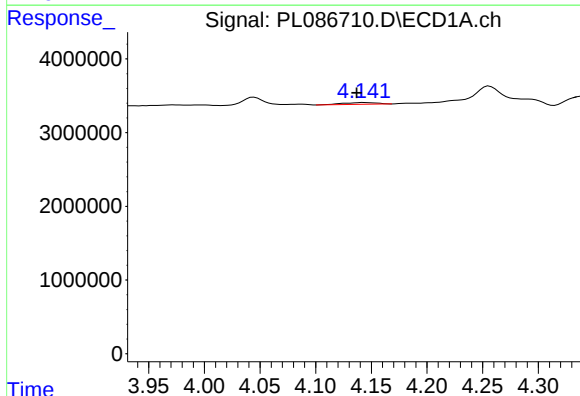
R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 37206669  
Conc: 11.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



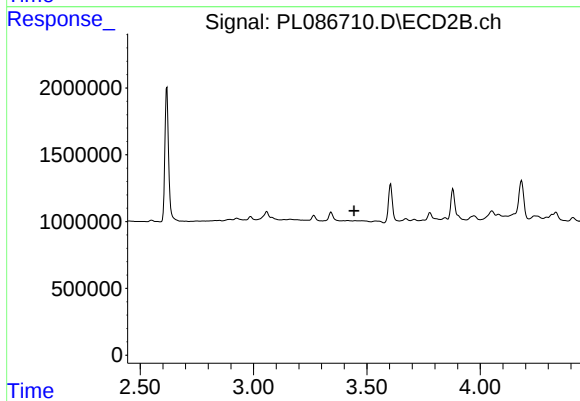
#1 Tetrachloro-m-xylene

R.T.: 2.618 min  
Delta R.T.: 0.000 min  
Response: 11427325  
Conc: 11.61 ng/ml



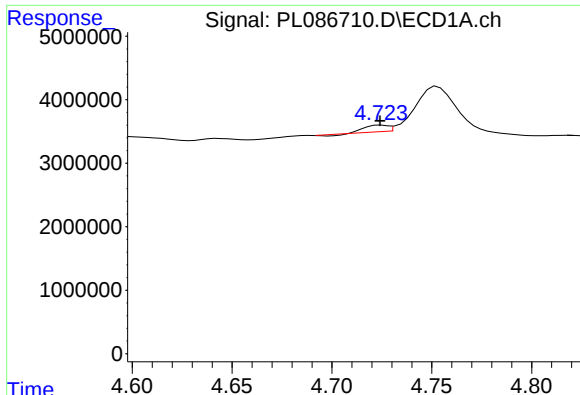
#3 gamma-BHC (Lindane)

R.T.: 4.143 min  
Delta R.T.: 0.006 min  
Response: 499409  
Conc: 0.11 ng/ml



#3 gamma-BHC (Lindane)

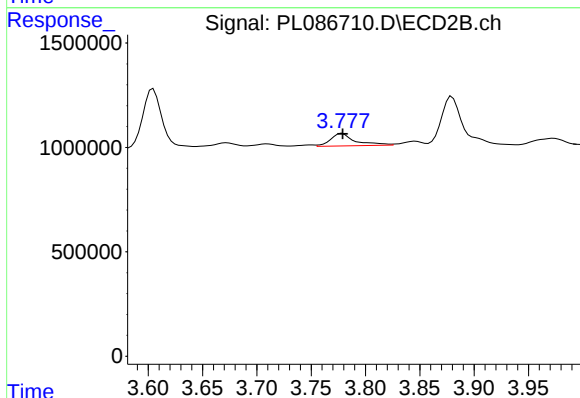
R.T.: 3.449 min  
Delta R.T.: 0.006 min  
Response: -3936  
Conc: N.D.



#4 Heptachlor

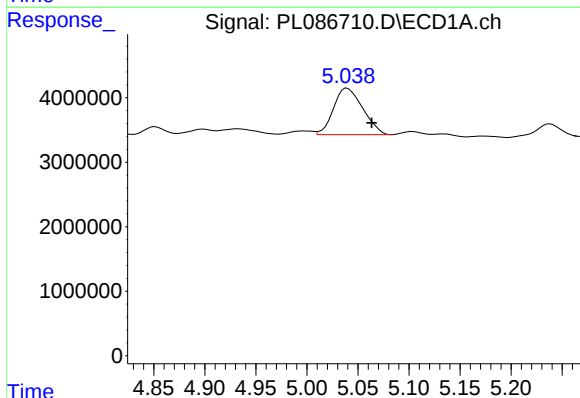
R.T.: 4.725 min  
Delta R.T.: 0.000 min  
Response: 723298  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



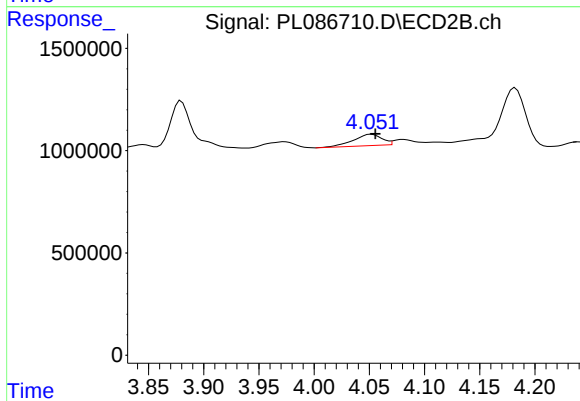
#4 Heptachlor

R.T.: 3.778 min  
Delta R.T.: 0.000 min  
Response: 942199  
Conc: 0.70 ng/ml



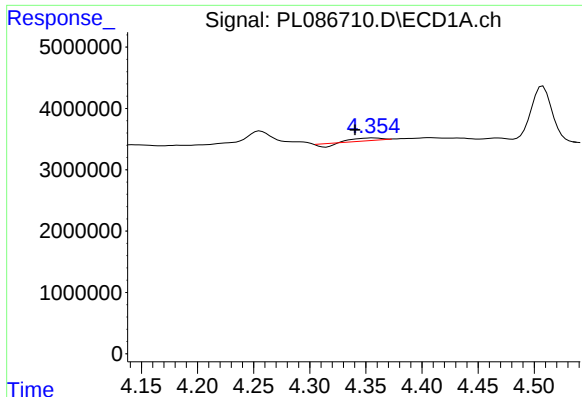
#5 Aldrin

R.T.: 5.040 min  
Delta R.T.: -0.024 min  
Response: 14375619  
Conc: 3.18 ng/ml



#5 Aldrin

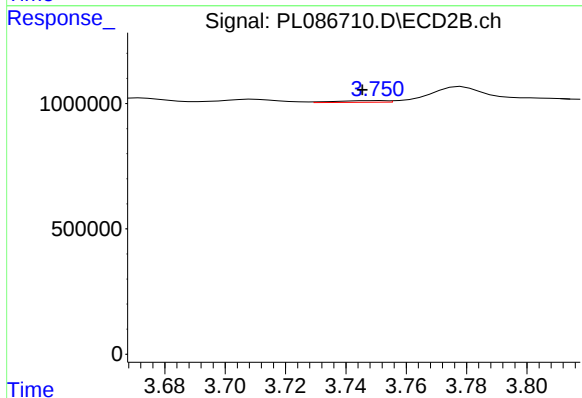
R.T.: 4.052 min  
Delta R.T.: -0.004 min  
Response: 983574  
Conc: 0.76 ng/ml



#6 beta-BHC

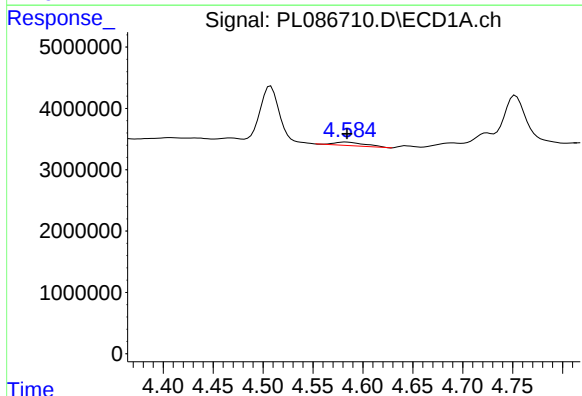
R.T.: 4.356 min  
Delta R.T.: 0.016 min  
Response: 351542  
Conc: 0.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



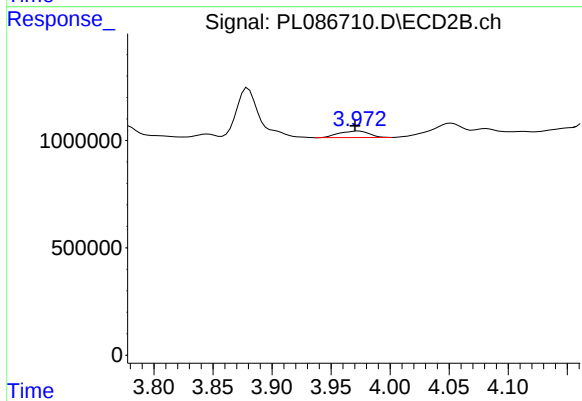
#6 beta-BHC

R.T.: 3.751 min  
Delta R.T.: 0.005 min  
Response: 80516  
Conc: 0.14 ng/ml



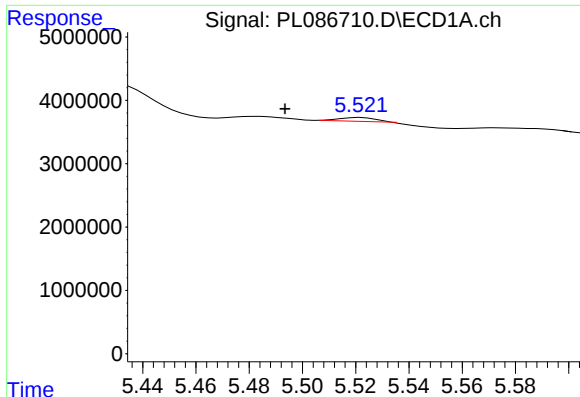
#7 delta-BHC

R.T.: 4.584 min  
Delta R.T.: 0.000 min  
Response: 1102819  
Conc: 0.24 ng/ml



#7 delta-BHC

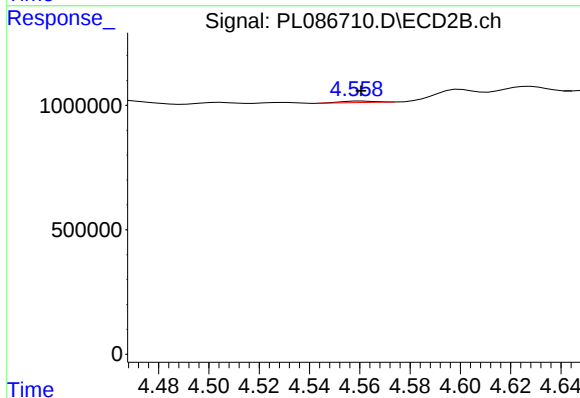
R.T.: 3.973 min  
Delta R.T.: 0.003 min  
Response: 536842  
Conc: 0.41 ng/ml



#8 Heptachlor epoxide

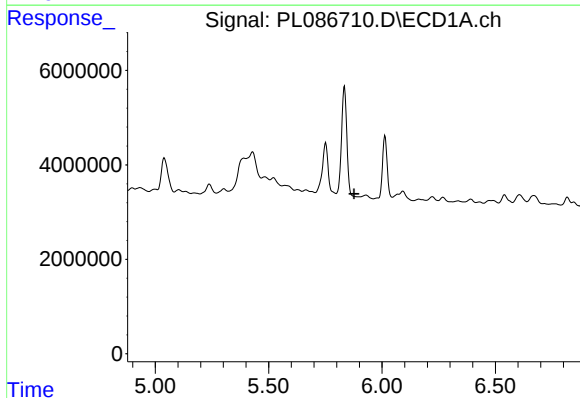
R.T.: 5.522 min  
Delta R.T.: 0.028 min  
Response: 501437  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



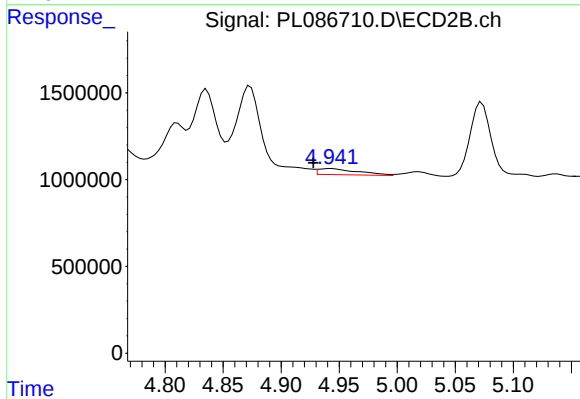
#8 Heptachlor epoxide

R.T.: 4.561 min  
Delta R.T.: 0.000 min  
Response: 54326  
Conc: 0.05 ng/ml



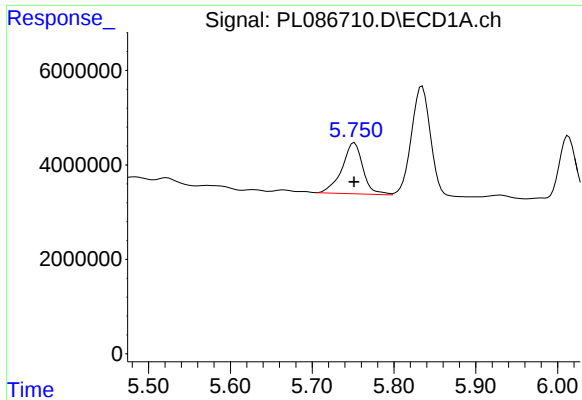
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 5.877 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

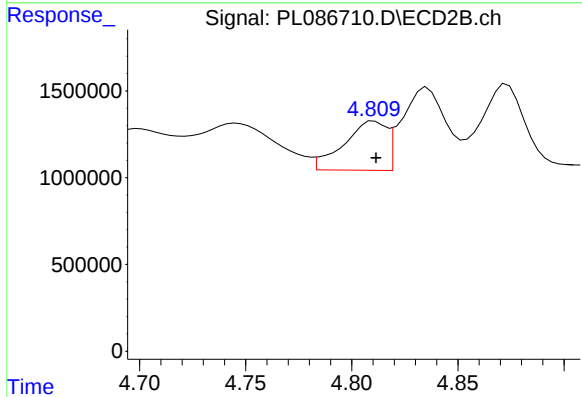
R.T.: 4.943 min  
Delta R.T.: 0.015 min  
Response: 816140  
Conc: 0.71 ng/ml



#10 gamma-Chlordane

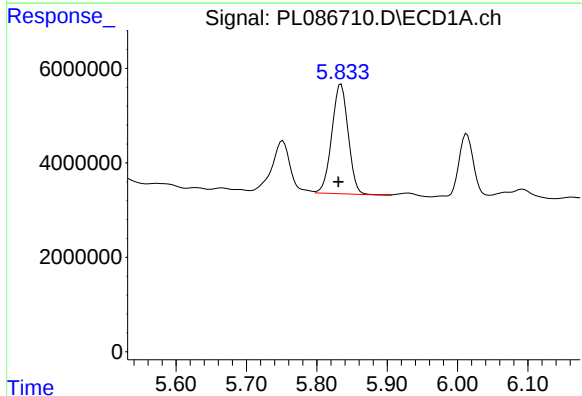
R.T.: 5.752 min  
Delta R.T.: 0.000 min  
Response: 19190137  
Conc: 4.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



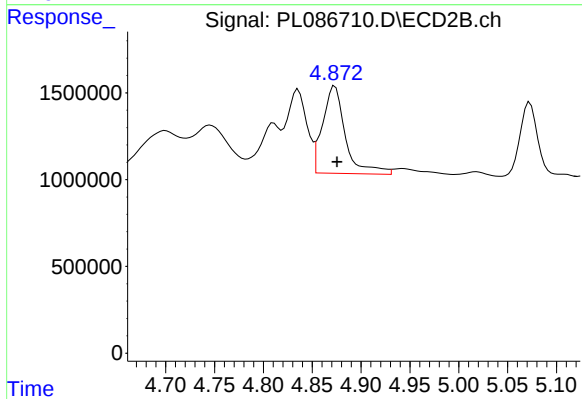
#10 gamma-Chlordane

R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 3978007  
Conc: 3.22 ng/ml



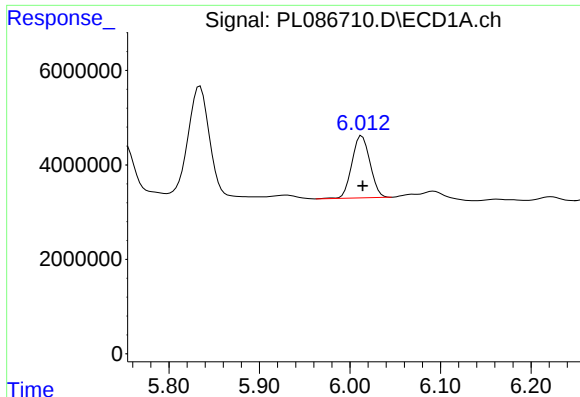
#11 alpha-Chlordane

R.T.: 5.834 min  
Delta R.T.: 0.004 min  
Response: 37668114  
Conc: 9.28 ng/ml



#11 alpha-Chlordane

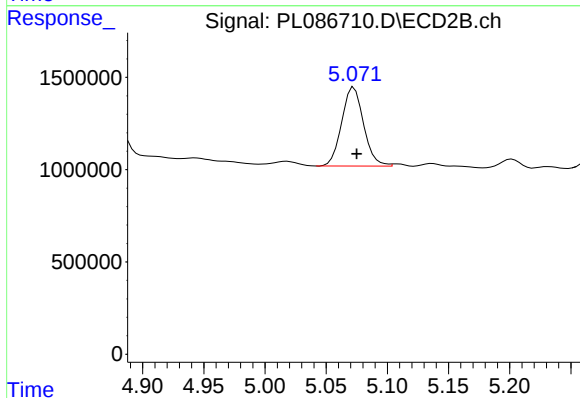
R.T.: 4.873 min  
Delta R.T.: -0.002 min  
Response: 8194297  
Conc: 6.55 ng/ml



#12 4,4'-DDE

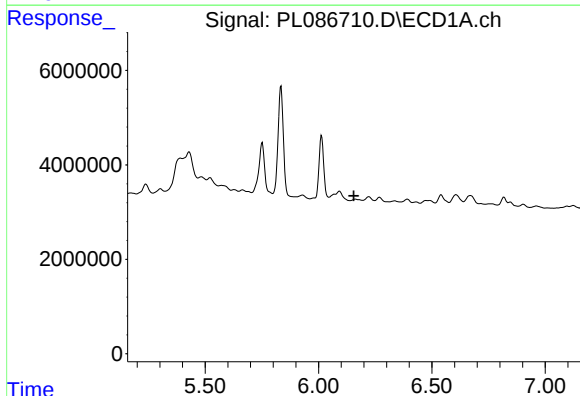
R.T.: 6.013 min  
Delta R.T.: -0.001 min  
Response: 18259189  
Conc: 5.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



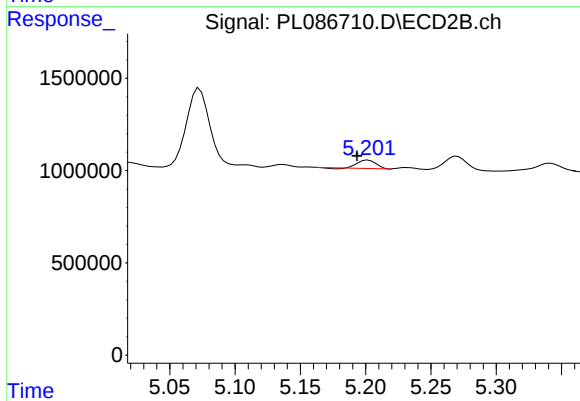
#12 4,4'-DDE

R.T.: 5.073 min  
Delta R.T.: -0.002 min  
Response: 5322181  
Conc: 5.18 ng/ml



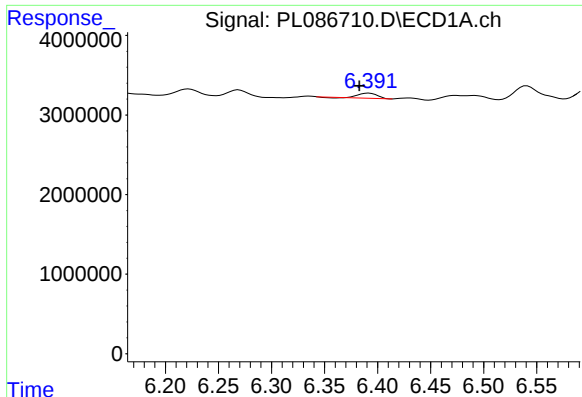
#13 Dieldrin

R.T.: 6.163 min  
Delta R.T.: 0.007 min  
Response: -483348  
Conc: N.D.



#13 Dieldrin

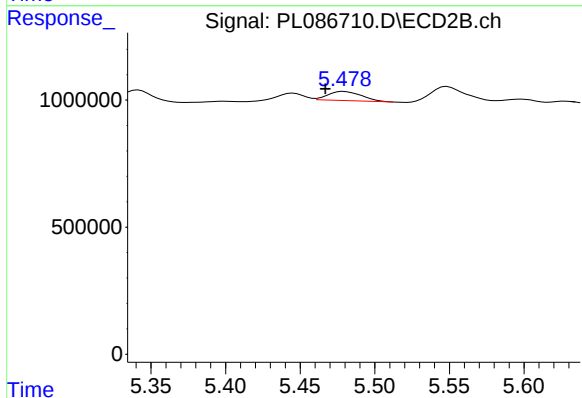
R.T.: 5.202 min  
Delta R.T.: 0.009 min  
Response: 432994  
Conc: 0.36 ng/ml



#14 Endrin

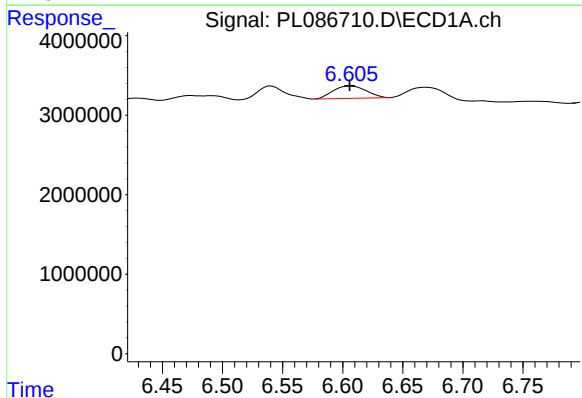
R.T.: 6.392 min  
Delta R.T.: 0.009 min  
Response: 756023  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



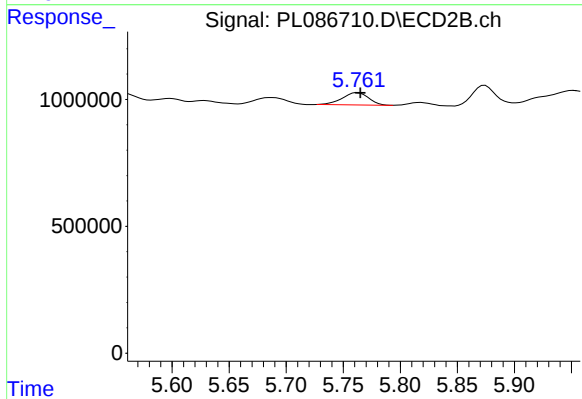
#14 Endrin

R.T.: 5.479 min  
Delta R.T.: 0.013 min  
Response: 554763  
Conc: 0.51 ng/ml



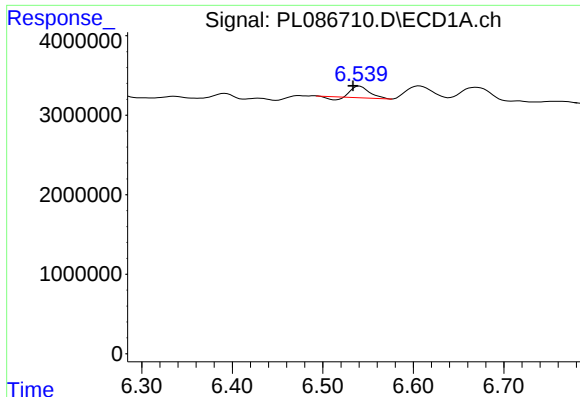
#15 Endosulfan II

R.T.: 6.607 min  
Delta R.T.: 0.000 min  
Response: 2992804  
Conc: 0.84 ng/ml



#15 Endosulfan II

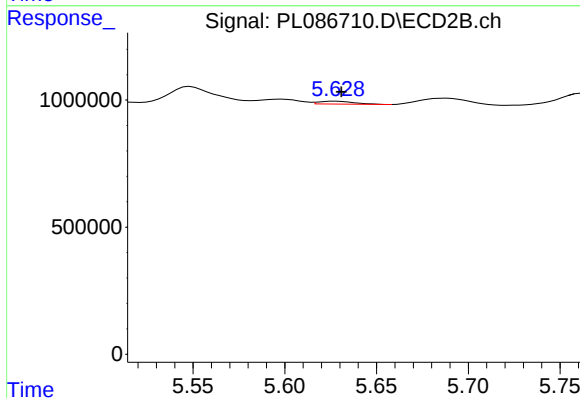
R.T.: 5.763 min  
Delta R.T.: -0.002 min  
Response: 780627  
Conc: 0.71 ng/ml



#16 4,4'-DDD

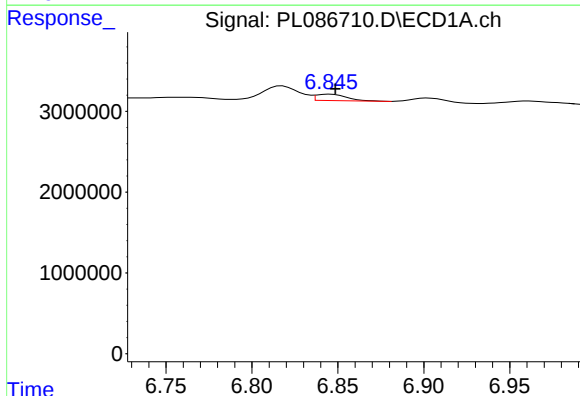
R.T.: 6.541 min  
Delta R.T.: 0.007 min  
Response: 1735471  
Conc: 0.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



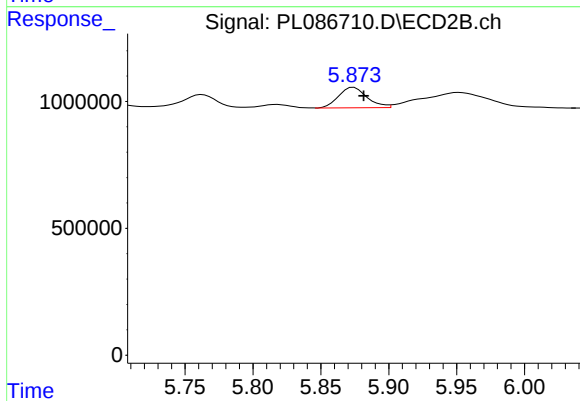
#16 4,4'-DDD

R.T.: 5.628 min  
Delta R.T.: -0.003 min  
Response: 148889  
Conc: 0.17 ng/ml



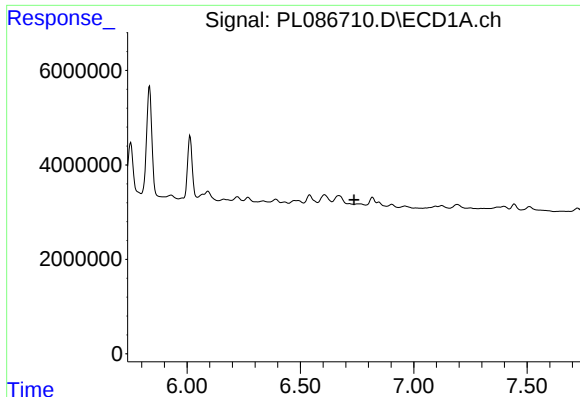
#17 4,4'-DDT

R.T.: 6.846 min  
Delta R.T.: -0.003 min  
Response: 983359  
Conc: 0.33 ng/ml



#17 4,4'-DDT

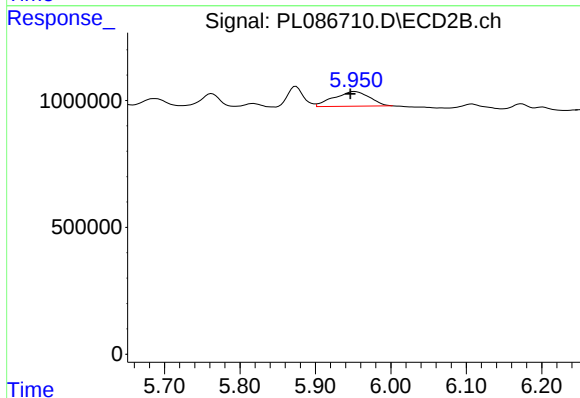
R.T.: 5.874 min  
Delta R.T.: -0.007 min  
Response: 1170360  
Conc: 1.20 ng/ml



#18 Endrin aldehyde

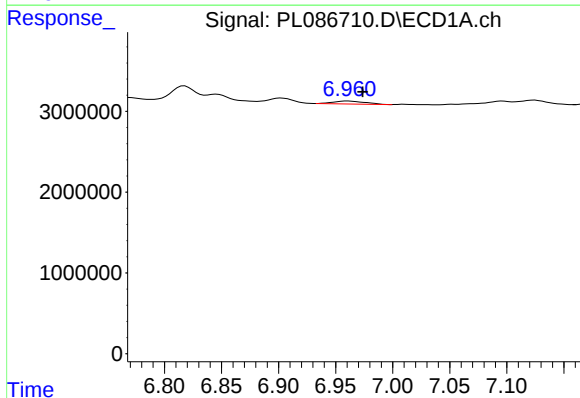
R.T.: 0.000 min  
Exp R.T.: 6.737 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



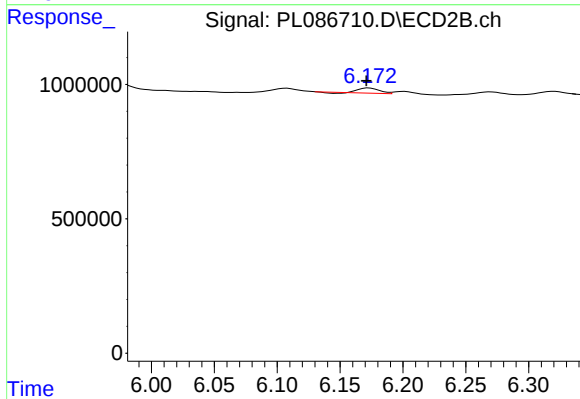
#18 Endrin aldehyde

R.T.: 5.952 min  
Delta R.T.: 0.005 min  
Response: 1896433  
Conc: 2.02 ng/ml



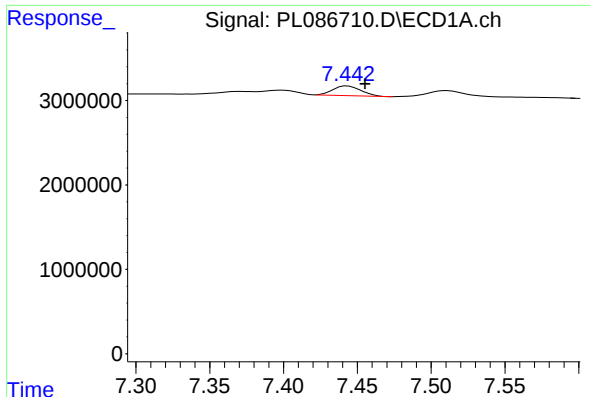
#19 Endosulfan Sulfate

R.T.: 6.961 min  
Delta R.T.: -0.012 min  
Response: 699966  
Conc: 0.21 ng/ml



#19 Endosulfan Sulfate

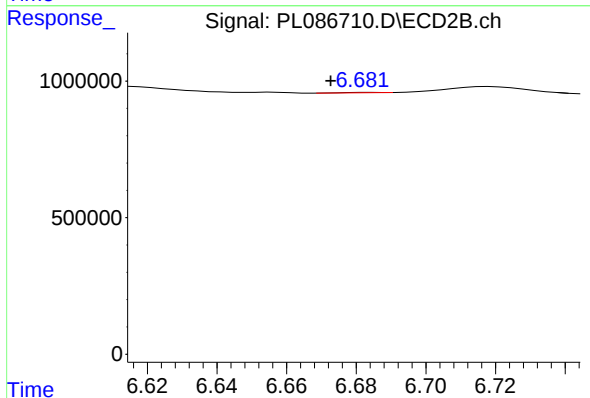
R.T.: 6.173 min  
Delta R.T.: 0.002 min  
Response: 209929  
Conc: 0.19 ng/ml



#21 Endrin ketone

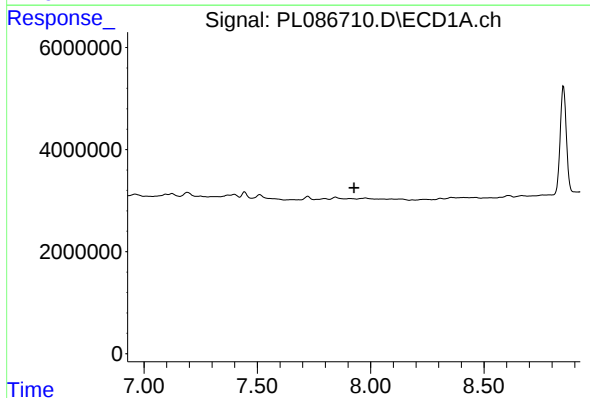
R.T.: 7.443 min  
Delta R.T.: -0.012 min  
Response: 1512118  
Conc: 0.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



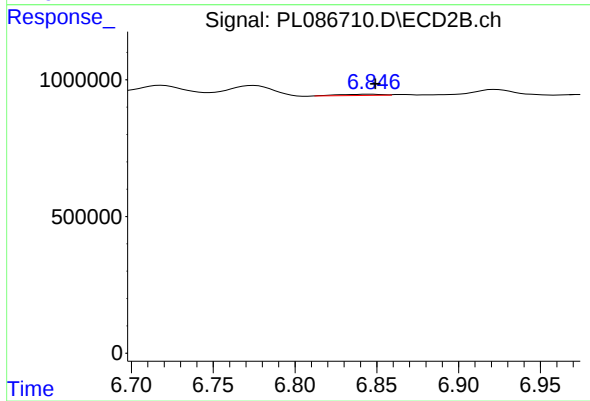
#21 Endrin ketone

R.T.: 6.683 min  
Delta R.T.: 0.011 min  
Response: 8055  
Conc: 0.01 ng/ml



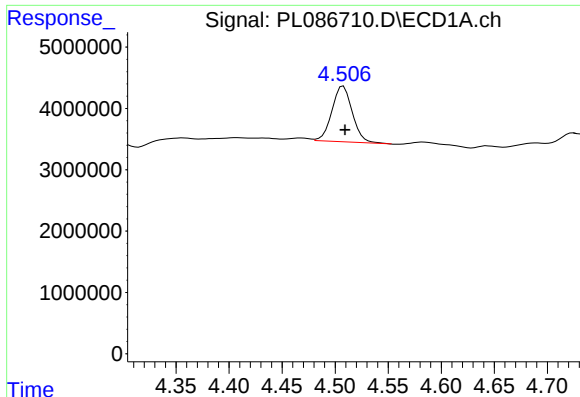
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.926 min  
Response: 0  
Conc: N.D.



#22 Mirex

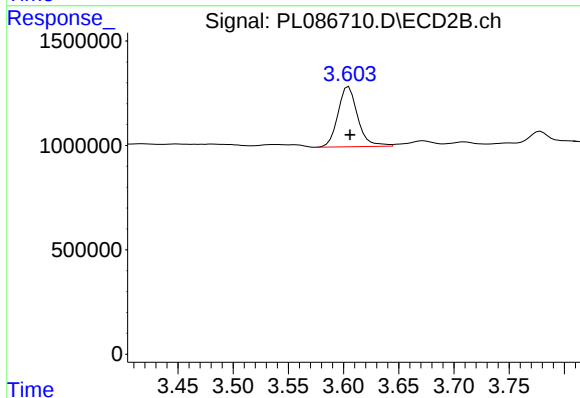
R.T.: 6.847 min  
Delta R.T.: -0.002 min  
Response: 84229  
Conc: 0.07 ng/ml



#23 Chlordane-1

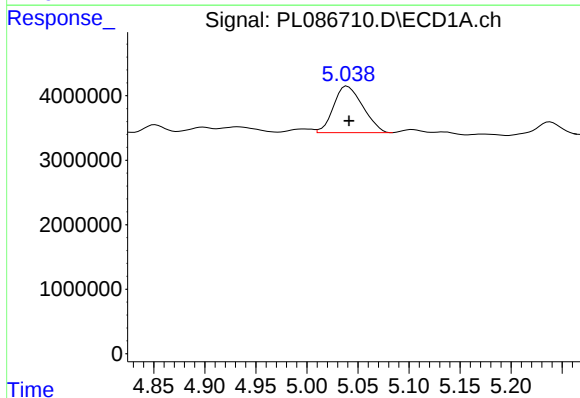
R.T.: 4.508 min  
Delta R.T.: -0.001 min  
Response: 12059936  
Conc: 86.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



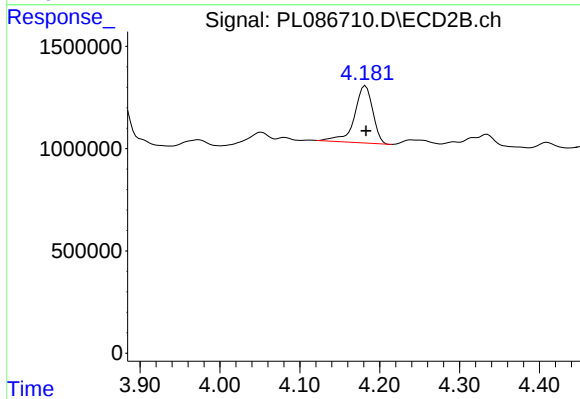
#23 Chlordane-1

R.T.: 3.605 min  
Delta R.T.: -0.001 min  
Response: 3585533  
Conc: 102.34 ng/ml



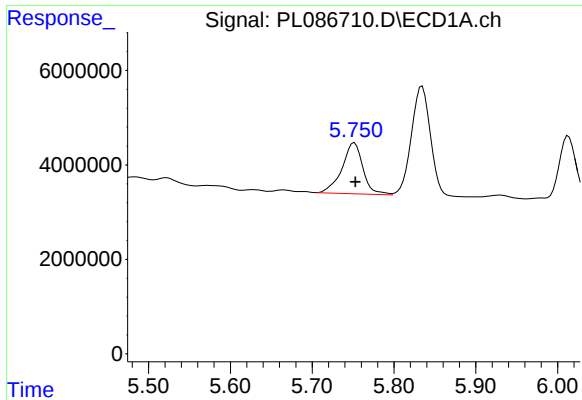
#24 Chlordane-2

R.T.: 5.040 min  
Delta R.T.: -0.002 min  
Response: 14375619  
Conc: 94.84 ng/ml



#24 Chlordane-2

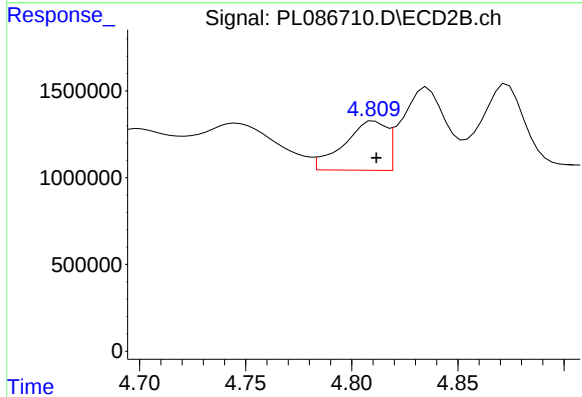
R.T.: 4.182 min  
Delta R.T.: 0.000 min  
Response: 4466534  
Conc: 98.89 ng/ml



#25 Chlordane-3

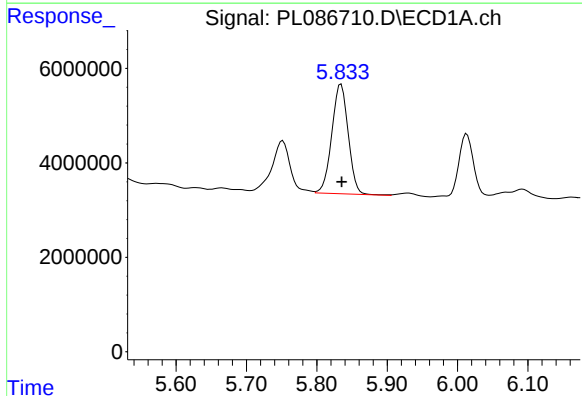
R.T.: 5.752 min  
Delta R.T.: -0.001 min  
Response: 19190137  
Conc: 33.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



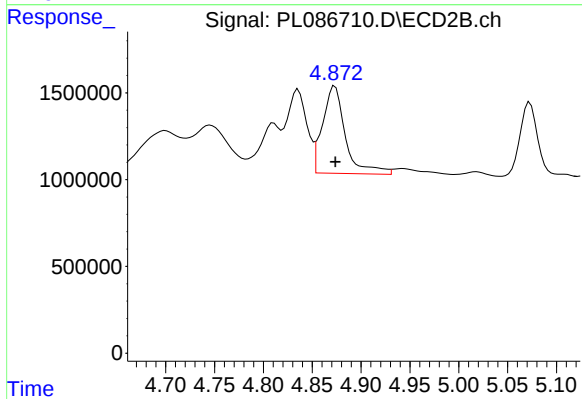
#25 Chlordane-3

R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 3978007  
Conc: 33.74 ng/ml



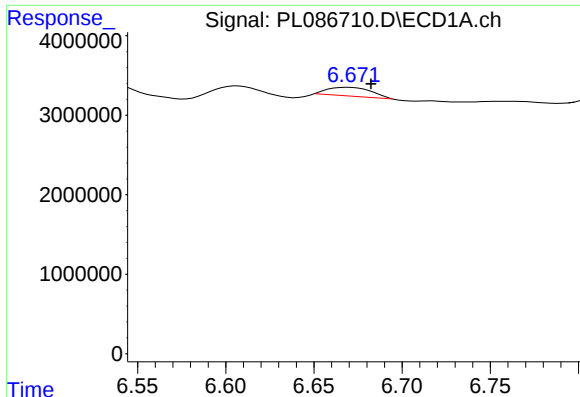
#26 Chlordane-4

R.T.: 5.834 min  
Delta R.T.: -0.001 min  
Response: 37668114  
Conc: 52.69 ng/ml



#26 Chlordane-4

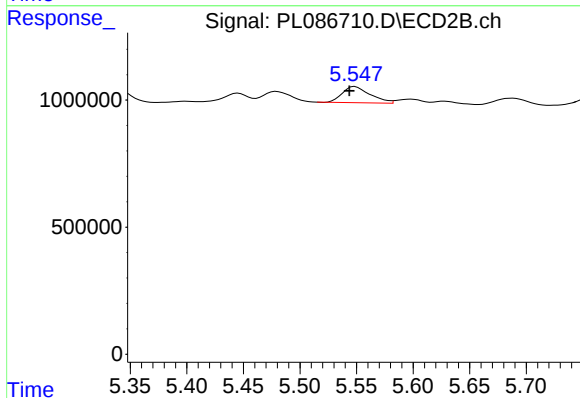
R.T.: 4.873 min  
Delta R.T.: 0.000 min  
Response: 8194297  
Conc: 64.18 ng/ml



#27 Chlordane-5

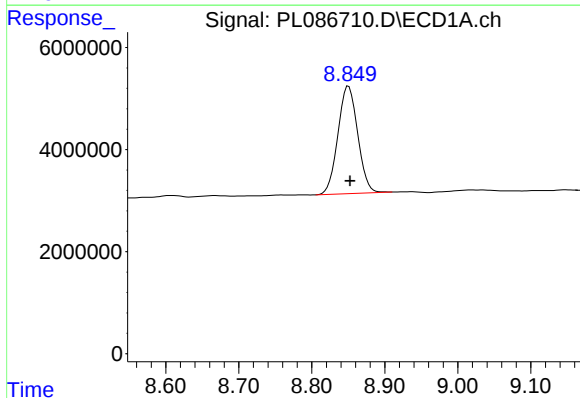
R.T.: 6.670 min  
Delta R.T.: -0.013 min  
Response: 1802530  
Conc: 13.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



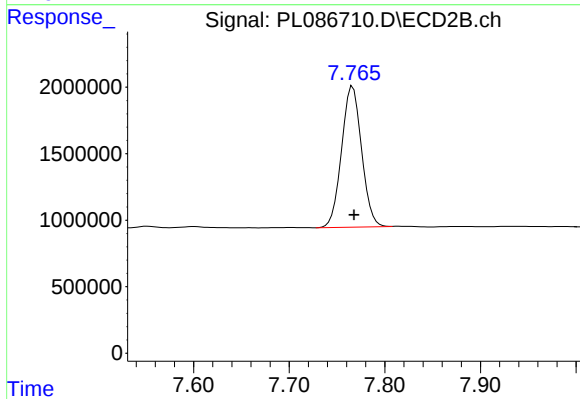
#27 Chlordane-5

R.T.: 5.549 min  
Delta R.T.: 0.005 min  
Response: 1079887  
Conc: 29.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.850 min  
Delta R.T.: -0.002 min  
Response: 39718706  
Conc: 13.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.766 min  
Delta R.T.: -0.001 min  
Response: 15465733  
Conc: 12.81 ng/ml