

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111223\  
 Data File : PL086586.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Nov 2023 11:04  
 Operator : AR\AJ  
 Sample : PB157044BS  
 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: Nov 10 20:57:16 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 | 48312833 | 14151279 | 14.879  | 14.372   |
| 28)                         | SA Decachlor... | 8.851  | 7.767 | 59075965 | 23911497 | 20.182  | 19.801   |
| Target Compounds            |                 |        |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.805  | 3.116 | 38170513 | 9905017  | 7.935   | 7.431    |
| 3)                          | MA gamma-BHC... | 4.137  | 3.442 | 36837697 | 9905475  | 7.830   | 7.464    |
| 4)                          | MA Heptachlor   | 4.723  | 3.778 | 40582972 | 11449468 | 8.896   | 8.553    |
| 5)                          | MB Aldrin       | 5.063  | 4.055 | 37476738 | 10172067 | 8.278   | 7.817    |
| 6)                          | B beta-BHC      | 4.340  | 3.745 | 18580008 | 5348606  | 9.186   | 8.974    |
| 7)                          | B delta-BHC     | 4.583  | 3.970 | 38112152 | 9576606  | 8.301   | 7.320    |
| 8)                          | B Heptachlo...  | 5.493  | 4.559 | 35268821 | 10105895 | 9.073   | 8.414    |
| 9)                          | A Endosulfan I  | 5.876  | 4.927 | 39713109 | 10267815 | 10.586  | 8.930    |
| 10)                         | B gamma-Chl...  | 5.750  | 4.810 | 43930095 | 11232776 | 10.722  | 9.104    |
| 11)                         | B alpha-Chl...  | 5.829  | 4.874 | 40896156 | 11143263 | 10.073  | 8.911    |
| 12)                         | B 4,4'-DDE      | 6.013  | 5.073 | 30249257 | 9246946  | 8.722   | 9.008    |
| 13)                         | MA Dieldrin     | 6.154  | 5.192 | 33382206 | 9429967  | 8.490   | 7.903    |
| 14)                         | MA Endrin       | 6.382  | 5.466 | 29598376 | 9033199  | 8.593   | 8.247    |
| 15)                         | B Endosulfa...  | 6.605  | 5.764 | 34304212 | 9158939  | 9.651   | 8.345    |
| 16)                         | A 4,4'-DDD      | 6.532  | 5.630 | 27392228 | 7051972  | 10.287  | 8.277    |
| 17)                         | MA 4,4'-DDT     | 6.847  | 5.880 | 26157257 | 7764589  | 8.824   | 7.943    |
| 18)                         | B Endrin al...  | 6.737  | 5.946 | 22936029 | 8246441  | 8.651   | 8.803    |
| 19)                         | B Endosulfa...  | 6.973  | 6.170 | 31082649 | 9738467  | 9.261   | 8.966    |
| 20)                         | A Methoxychlor  | 7.333  | 6.464 | 14420096 | 5214412  | 9.036   | 8.717    |
| 21)                         | B Endrin ke...  | 7.455  | 6.672 | 30379914 | 9991594  | 8.914   | 7.798    |
| 22)                         | Mirex           | 7.928  | 6.847 | 33787063 | 13422011 | 11.964  | 11.808   |
| 24)                         | Chlordane-2     | 5.063f | 4.187 | 37476738 | 148504   | 247.256 | 3.288 #  |
| 25)                         | Chlordane-3     | 5.750  | 4.810 | 43930095 | 11232776 | 75.946  | 95.264 # |
| 26)                         | Chlordane-4     | 5.829  | 4.874 | 40896156 | 11143263 | 57.203  | 87.279 # |
| -----                       |                 |        |       |          |          |         |          |

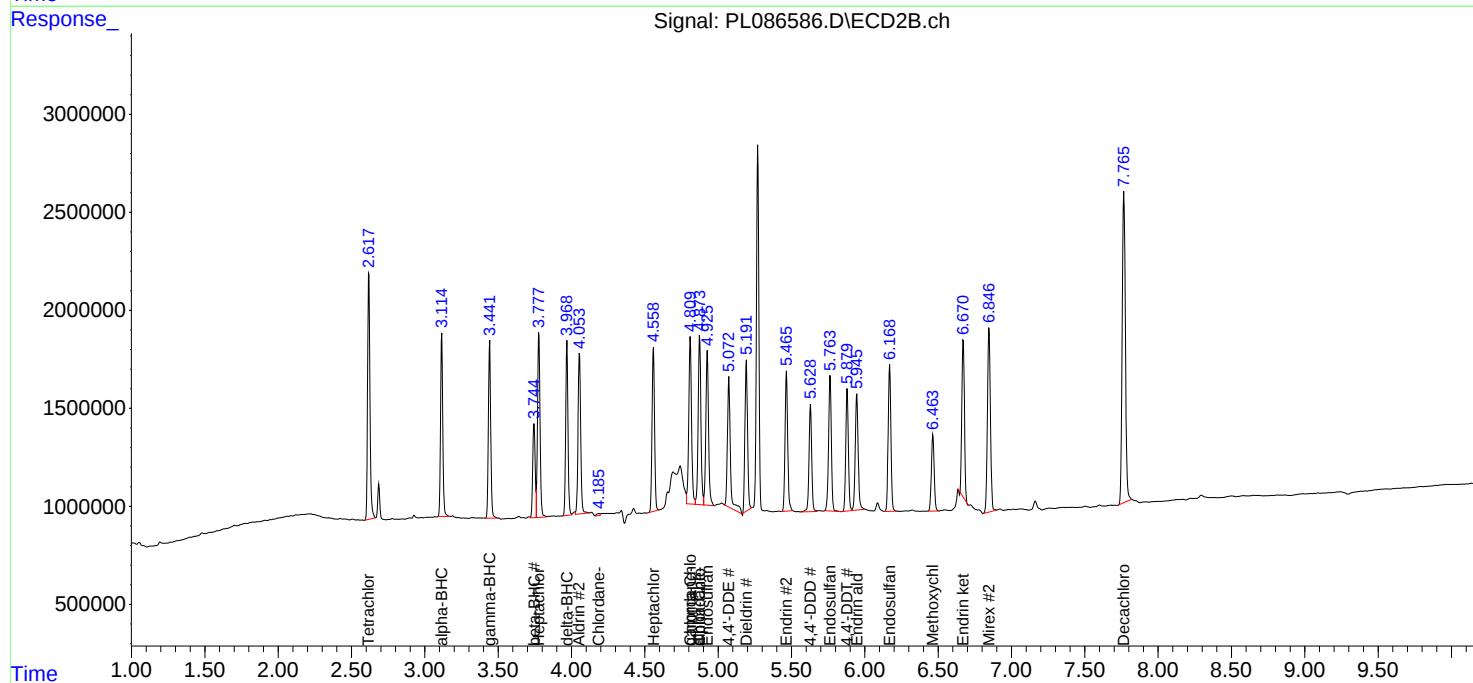
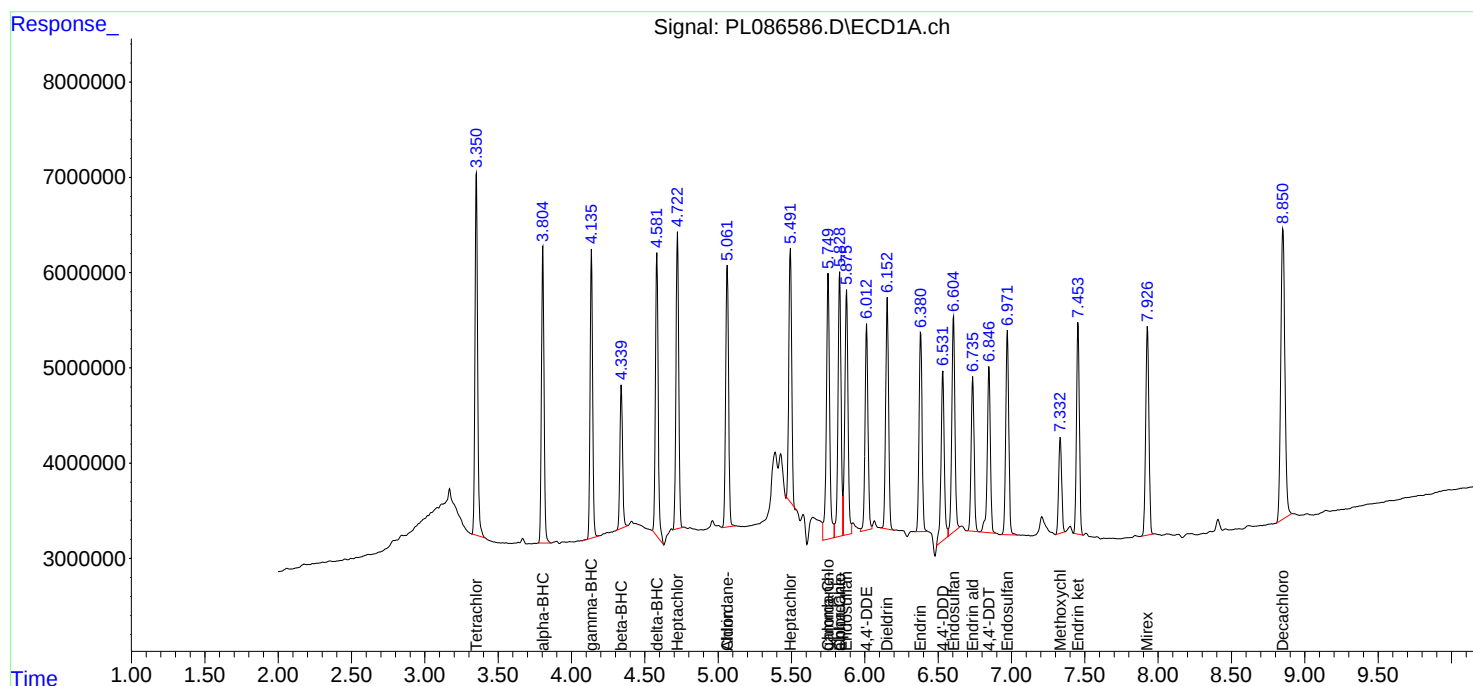
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

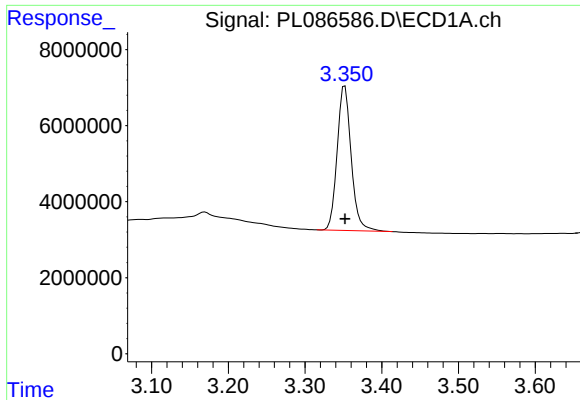
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111223\  
Data File : PL086586.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Nov 2023 11:04  
Operator : AR\AJ  
Sample : PB157044BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 10 20:57:16 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

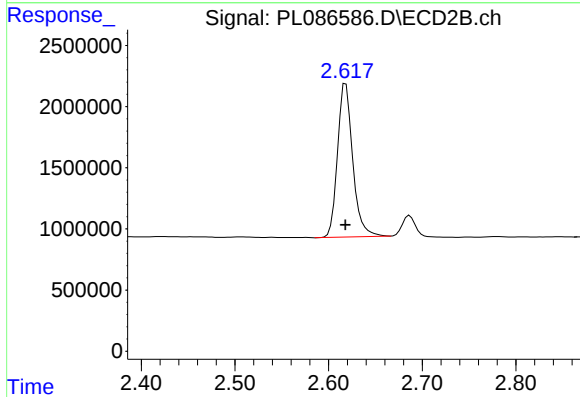




#1 Tetrachloro-m-xylene

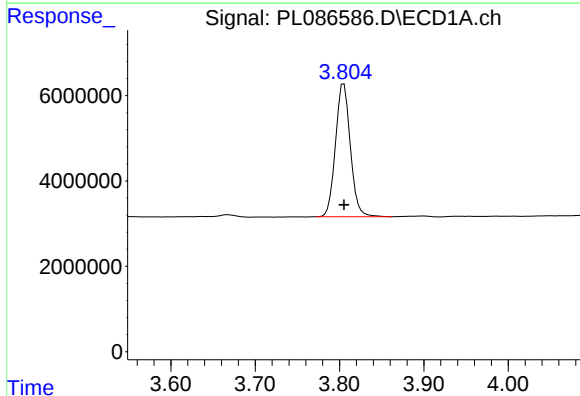
R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 48312833  
Conc: 14.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



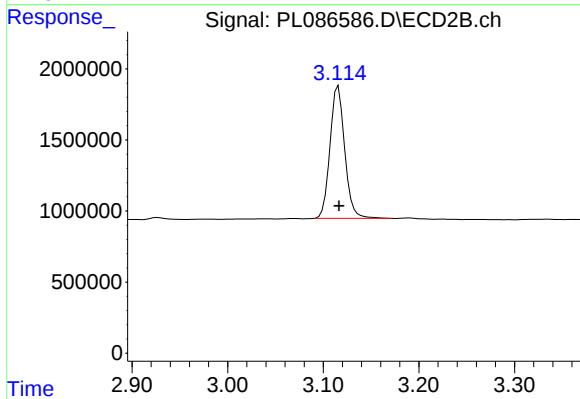
#1 Tetrachloro-m-xylene

R.T.: 2.618 min  
Delta R.T.: 0.000 min  
Response: 14151279  
Conc: 14.37 ng/ml



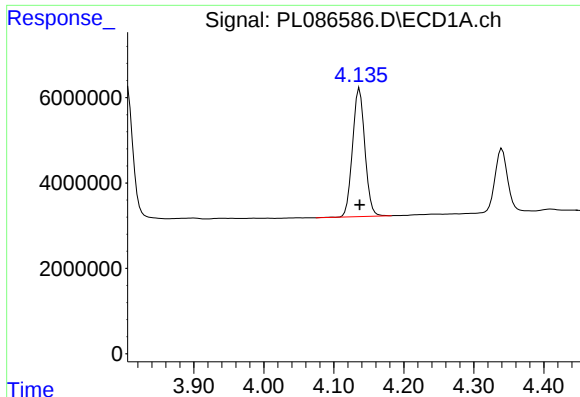
#2 alpha-BHC

R.T.: 3.805 min  
Delta R.T.: 0.000 min  
Response: 38170513  
Conc: 7.93 ng/ml



#2 alpha-BHC

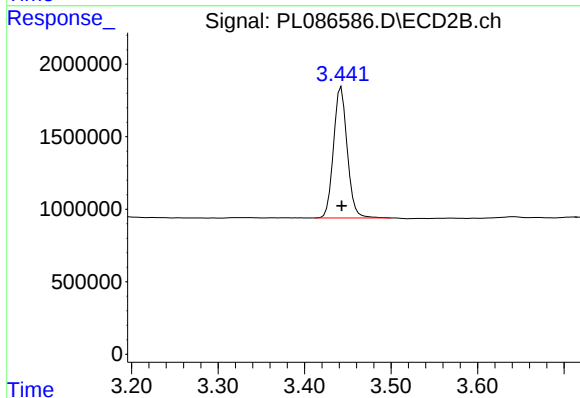
R.T.: 3.116 min  
Delta R.T.: 0.000 min  
Response: 9905017  
Conc: 7.43 ng/ml



#3 gamma-BHC (Lindane)

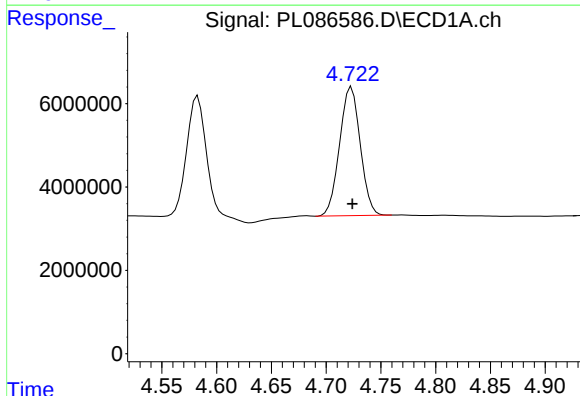
R.T.: 4.137 min  
Delta R.T.: 0.000 min  
Response: 36837697  
Conc: 7.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



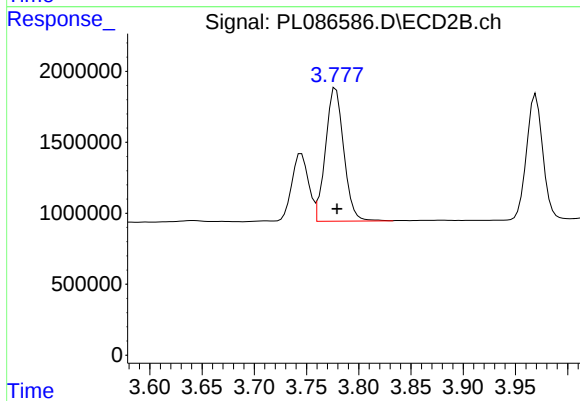
#3 gamma-BHC (Lindane)

R.T.: 3.442 min  
Delta R.T.: 0.000 min  
Response: 9905475  
Conc: 7.46 ng/ml



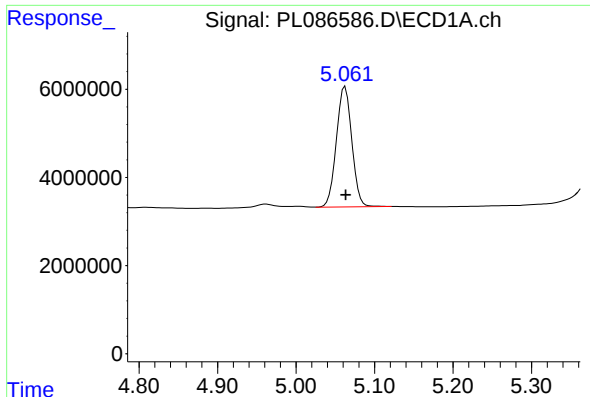
#4 Heptachlor

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 40582972  
Conc: 8.90 ng/ml



#4 Heptachlor

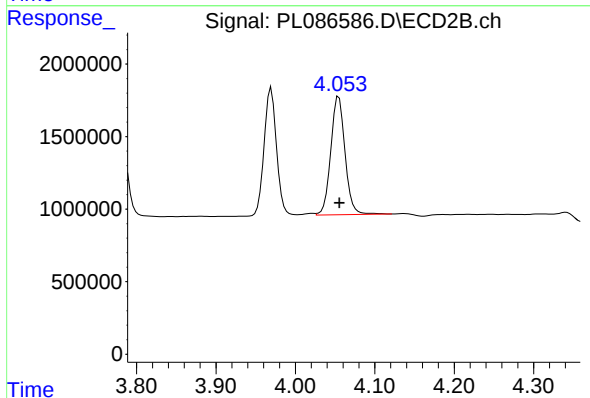
R.T.: 3.778 min  
Delta R.T.: -0.001 min  
Response: 11449468  
Conc: 8.55 ng/ml



#5 Aldrin

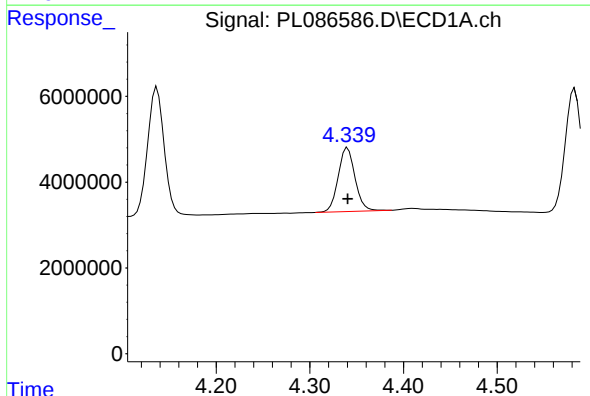
R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 37476738  
Conc: 8.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



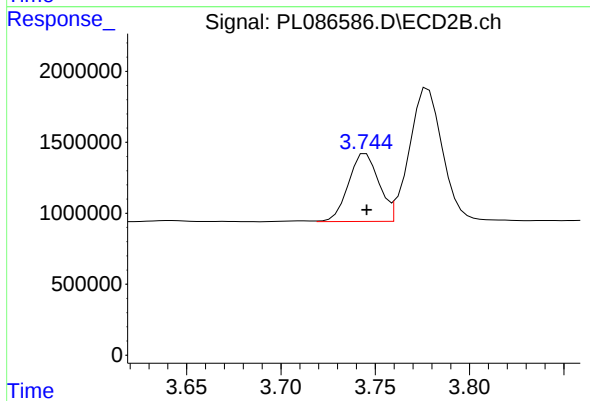
#5 Aldrin

R.T.: 4.055 min  
Delta R.T.: 0.000 min  
Response: 10172067  
Conc: 7.82 ng/ml



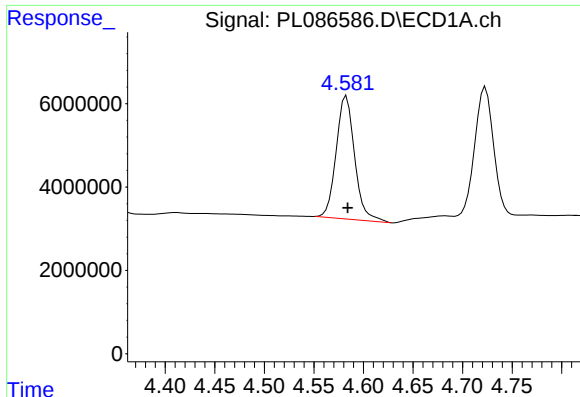
#6 beta-BHC

R.T.: 4.340 min  
Delta R.T.: 0.000 min  
Response: 18580008  
Conc: 9.19 ng/ml



#6 beta-BHC

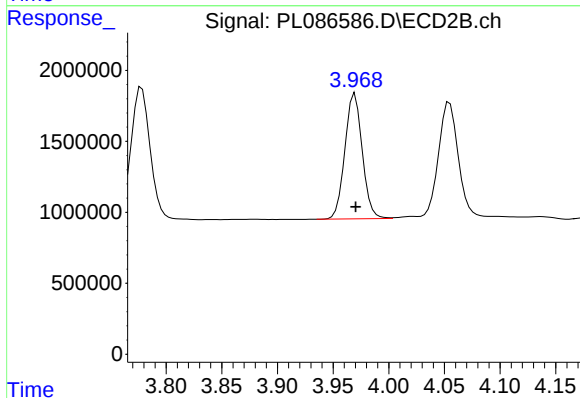
R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 5348606  
Conc: 8.97 ng/ml



#7 delta-BHC

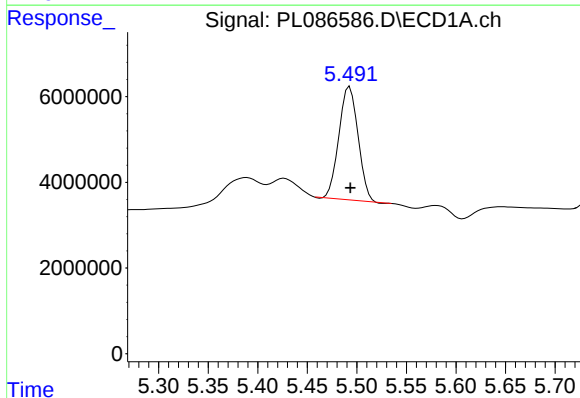
R.T.: 4.583 min  
Delta R.T.: -0.001 min  
Response: 38112152  
Conc: 8.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



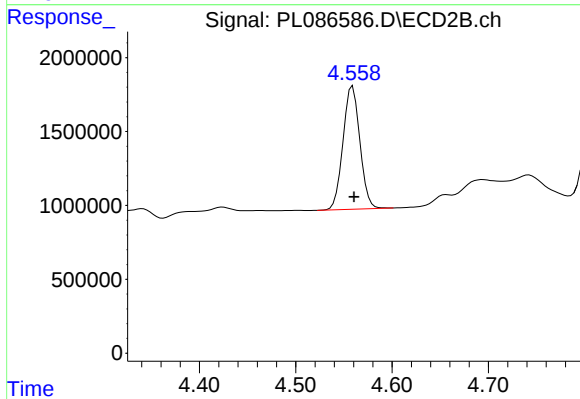
#7 delta-BHC

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 9576606  
Conc: 7.32 ng/ml



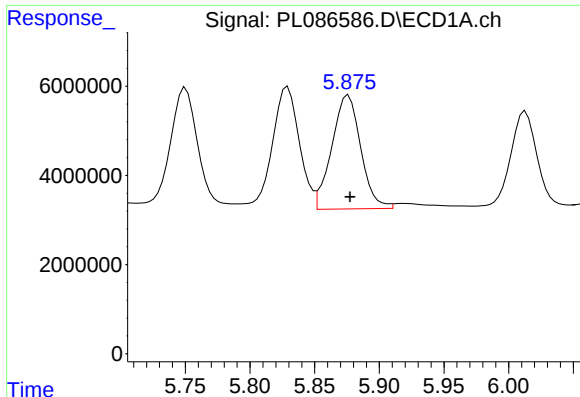
#8 Heptachlor epoxide

R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 35268821  
Conc: 9.07 ng/ml



#8 Heptachlor epoxide

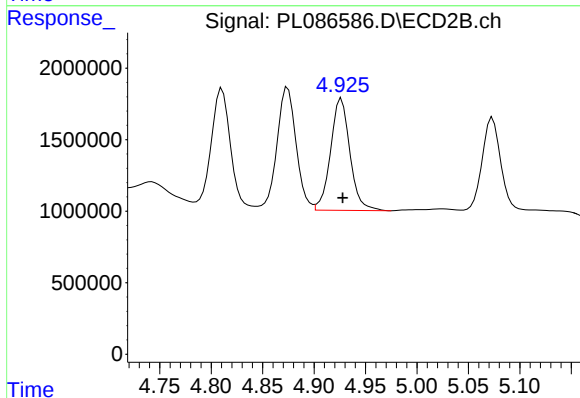
R.T.: 4.559 min  
Delta R.T.: -0.001 min  
Response: 10105895  
Conc: 8.41 ng/ml



#9 Endosulfan I

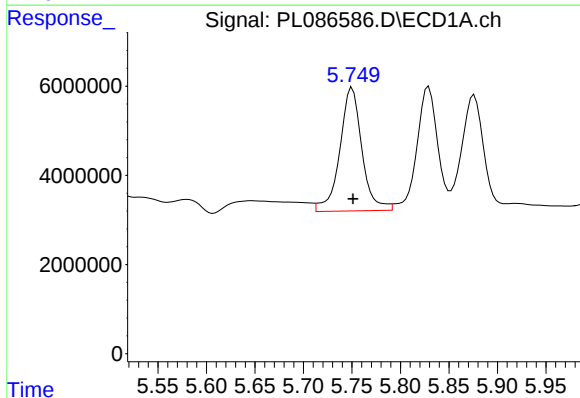
R.T.: 5.876 min  
Delta R.T.: -0.001 min  
Response: 39713109  
Conc: 10.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



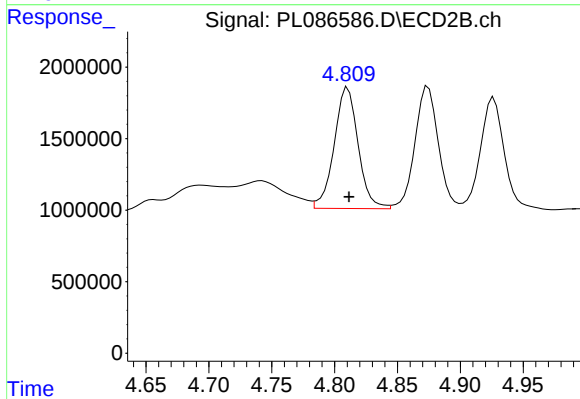
#9 Endosulfan I

R.T.: 4.927 min  
Delta R.T.: -0.001 min  
Response: 10267815  
Conc: 8.93 ng/ml



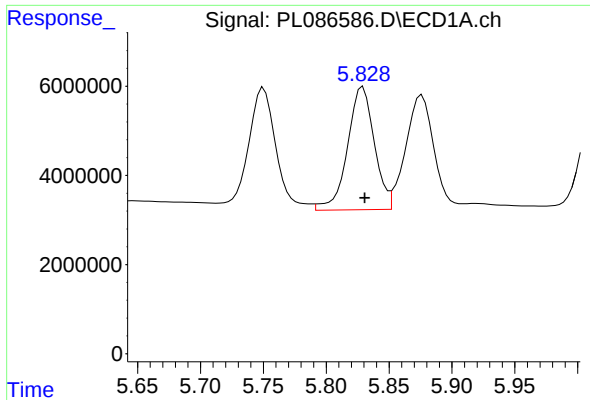
#10 gamma-Chlordane

R.T.: 5.750 min  
Delta R.T.: -0.001 min  
Response: 43930095  
Conc: 10.72 ng/ml



#10 gamma-Chlordane

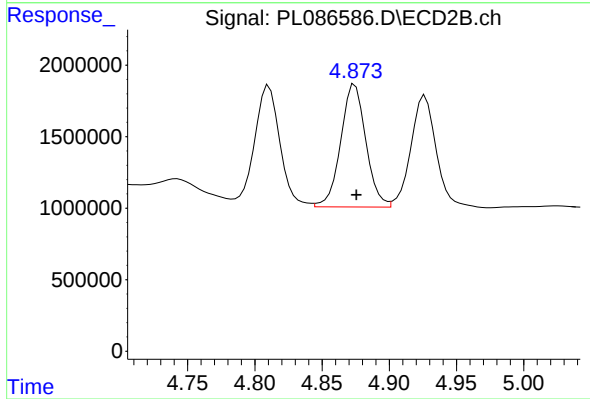
R.T.: 4.810 min  
Delta R.T.: 0.000 min  
Response: 11232776  
Conc: 9.10 ng/ml



#11 alpha-Chlordane

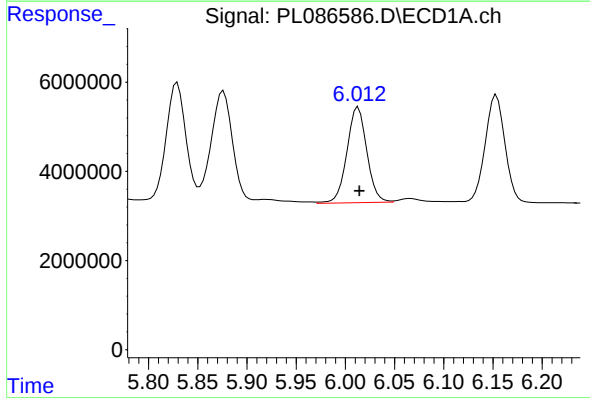
R.T.: 5.829 min  
Delta R.T.: -0.001 min  
Response: 40896156  
Conc: 10.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



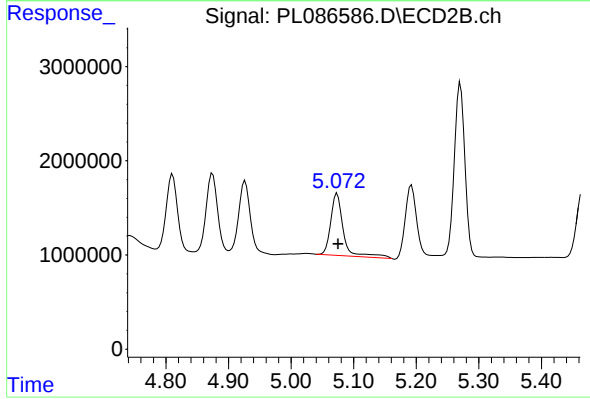
#11 alpha-Chlordane

R.T.: 4.874 min  
Delta R.T.: -0.001 min  
Response: 11143263  
Conc: 8.91 ng/ml



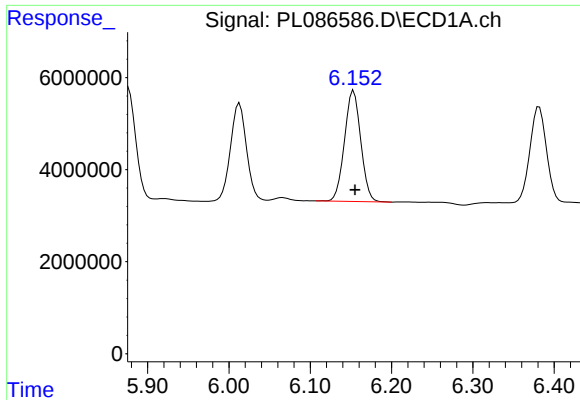
#12 4,4'-DDE

R.T.: 6.013 min  
Delta R.T.: -0.001 min  
Response: 30249257  
Conc: 8.72 ng/ml



#12 4,4'-DDE

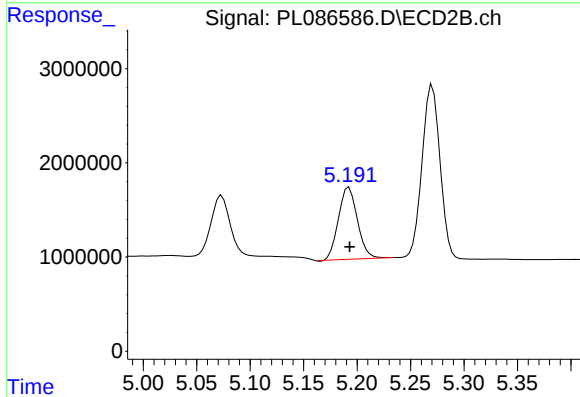
R.T.: 5.073 min  
Delta R.T.: -0.002 min  
Response: 9246946  
Conc: 9.01 ng/ml



#13 Dieldrin

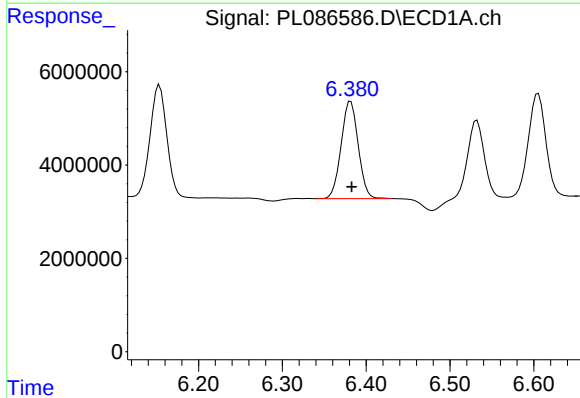
R.T.: 6.154 min  
Delta R.T.: -0.002 min  
Response: 33382206  
Conc: 8.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



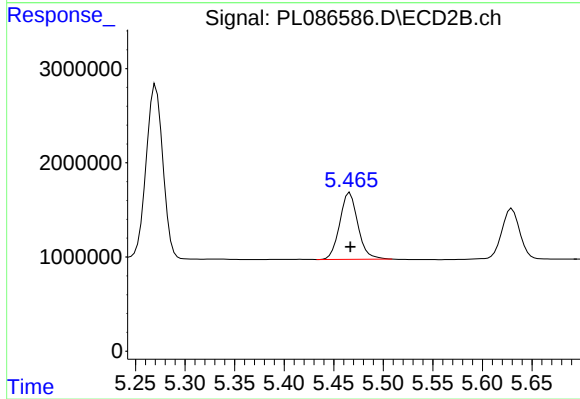
#13 Dieldrin

R.T.: 5.192 min  
Delta R.T.: 0.000 min  
Response: 9429967  
Conc: 7.90 ng/ml



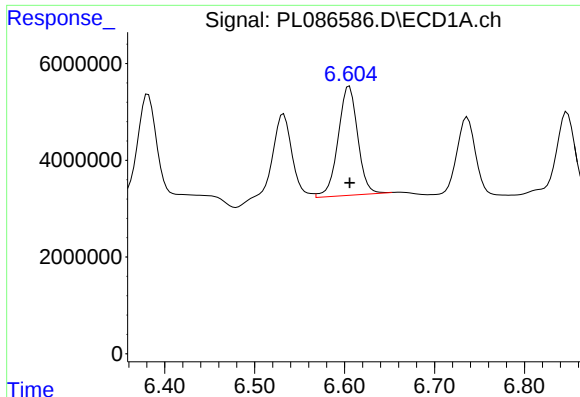
#14 Endrin

R.T.: 6.382 min  
Delta R.T.: -0.001 min  
Response: 29598376  
Conc: 8.59 ng/ml



#14 Endrin

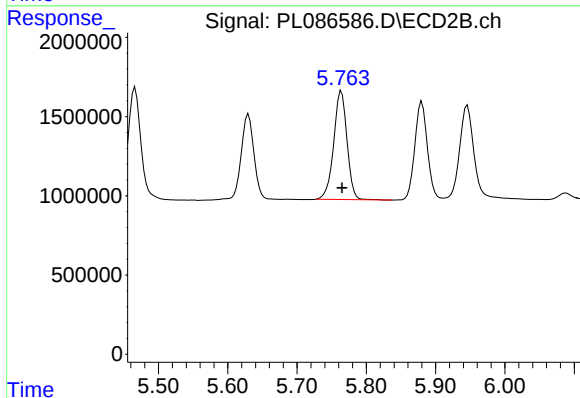
R.T.: 5.466 min  
Delta R.T.: 0.000 min  
Response: 9033199  
Conc: 8.25 ng/ml



#15 Endosulfan II

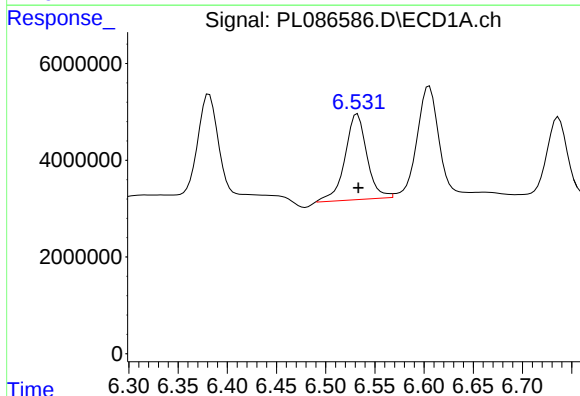
R.T.: 6.605 min  
Delta R.T.: 0.000 min  
Response: 34304212  
Conc: 9.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



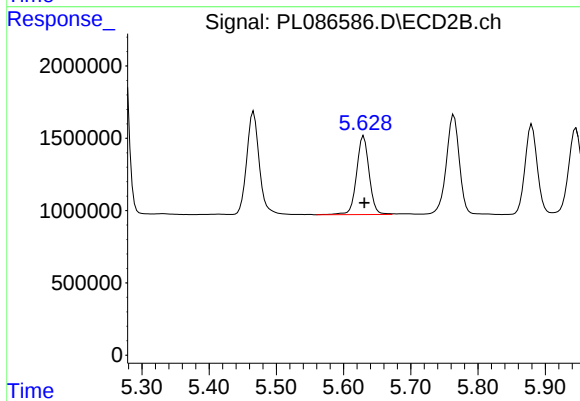
#15 Endosulfan II

R.T.: 5.764 min  
Delta R.T.: 0.000 min  
Response: 9158939  
Conc: 8.34 ng/ml



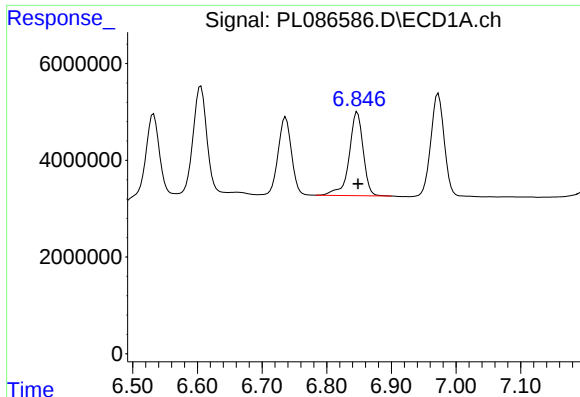
#16 4,4'-DDD

R.T.: 6.532 min  
Delta R.T.: -0.001 min  
Response: 27392228  
Conc: 10.29 ng/ml



#16 4,4'-DDD

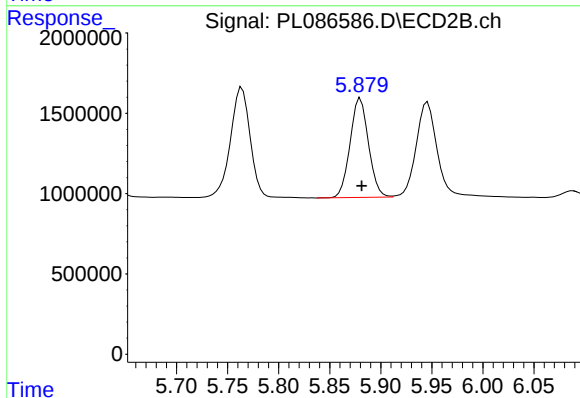
R.T.: 5.630 min  
Delta R.T.: -0.001 min  
Response: 7051972  
Conc: 8.28 ng/ml



#17 4,4'-DDT

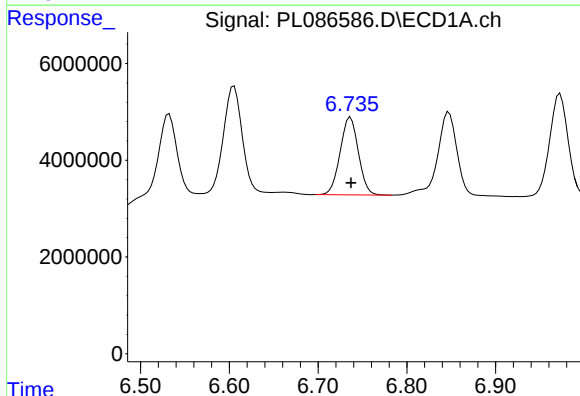
R.T.: 6.847 min  
Delta R.T.: -0.001 min  
Response: 26157257  
Conc: 8.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



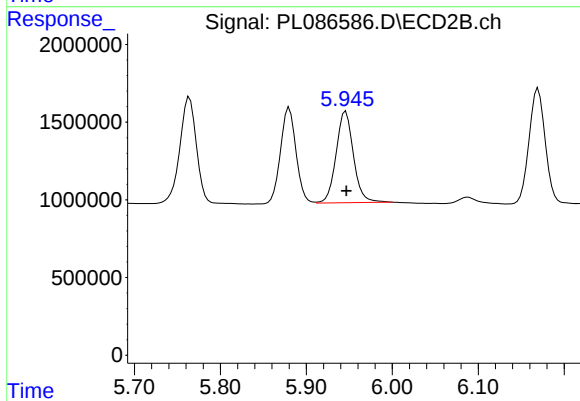
#17 4,4'-DDT

R.T.: 5.880 min  
Delta R.T.: -0.001 min  
Response: 7764589  
Conc: 7.94 ng/ml



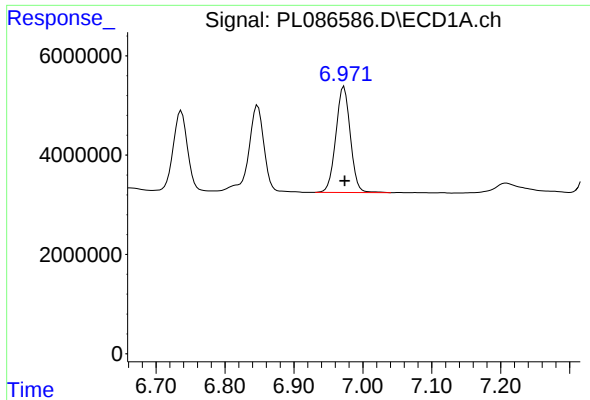
#18 Endrin aldehyde

R.T.: 6.737 min  
Delta R.T.: 0.000 min  
Response: 22936029  
Conc: 8.65 ng/ml



#18 Endrin aldehyde

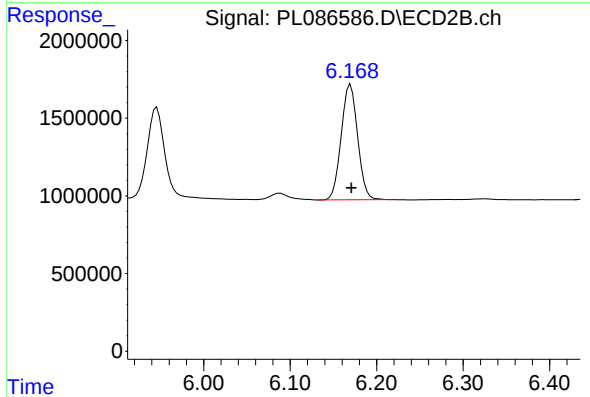
R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 8246441  
Conc: 8.80 ng/ml



#19 Endosulfan Sulfate

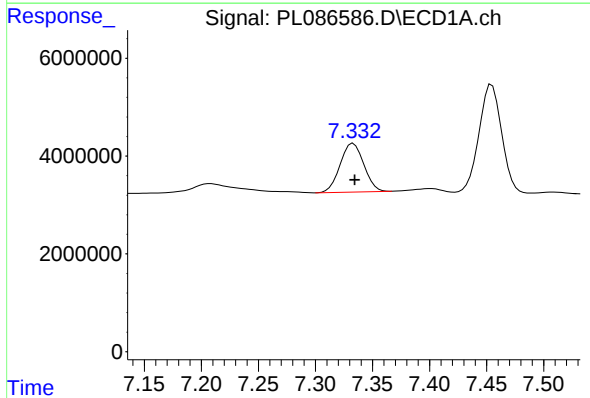
R.T.: 6.973 min  
Delta R.T.: -0.001 min  
Response: 31082649  
Conc: 9.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



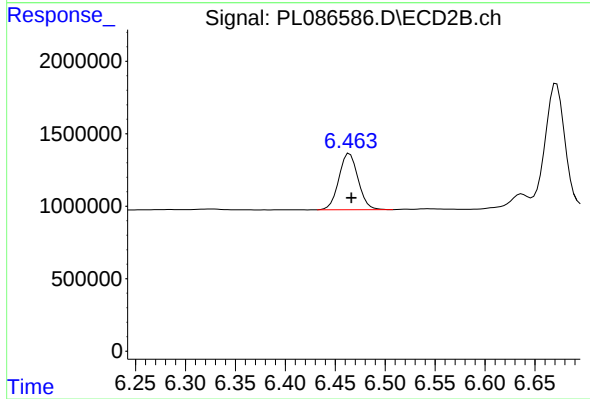
#19 Endosulfan Sulfate

R.T.: 6.170 min  
Delta R.T.: -0.001 min  
Response: 9738467  
Conc: 8.97 ng/ml



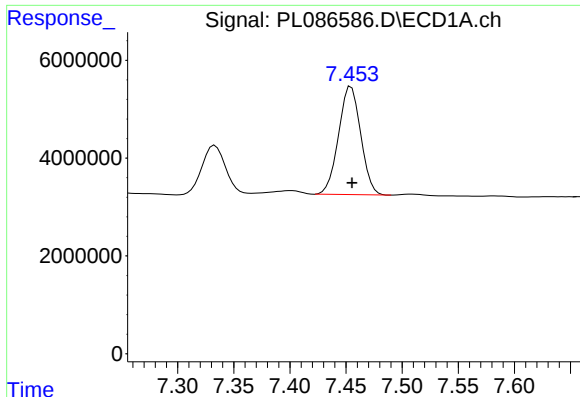
#20 Methoxychlor

R.T.: 7.333 min  
Delta R.T.: -0.001 min  
Response: 14420096  
Conc: 9.04 ng/ml



#20 Methoxychlor

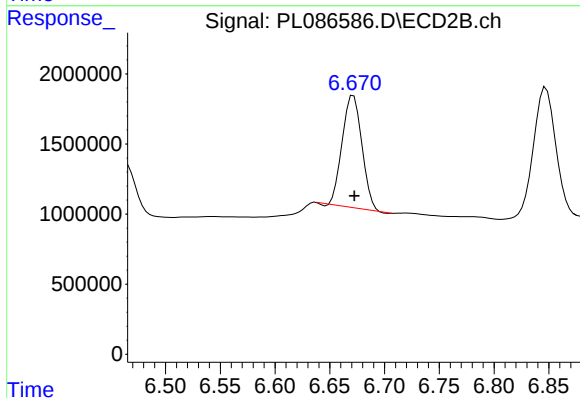
R.T.: 6.464 min  
Delta R.T.: -0.002 min  
Response: 5214412  
Conc: 8.72 ng/ml



#21 Endrin ketone

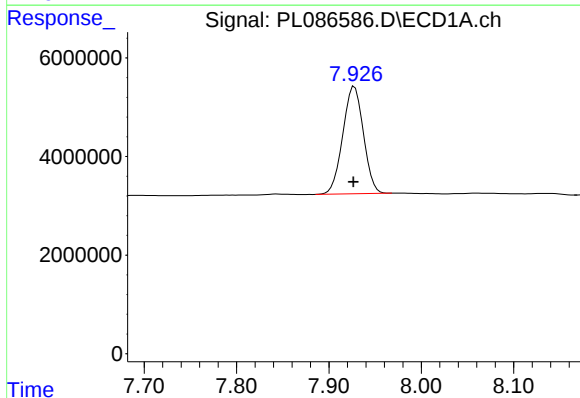
R.T.: 7.455 min  
Delta R.T.: 0.000 min  
Response: 30379914  
Conc: 8.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



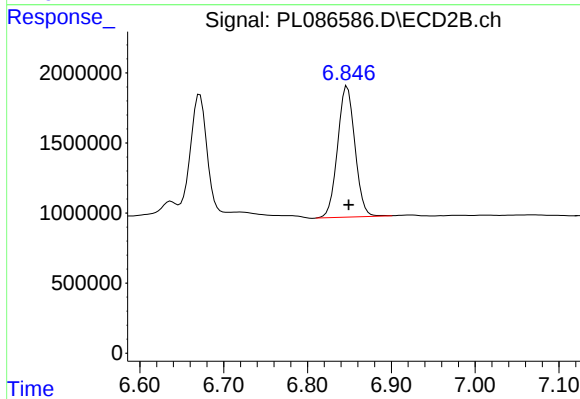
#21 Endrin ketone

R.T.: 6.672 min  
Delta R.T.: -0.001 min  
Response: 9991594  
Conc: 7.80 ng/ml



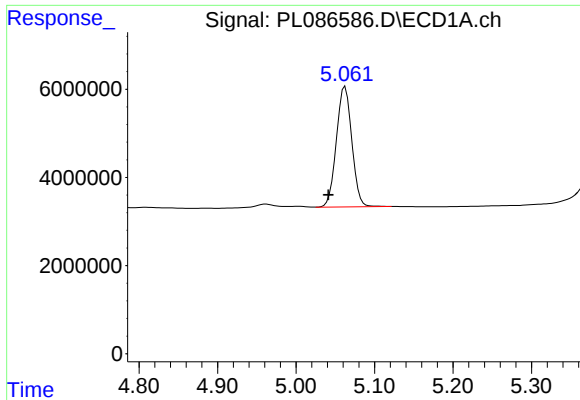
#22 Mirex

R.T.: 7.928 min  
Delta R.T.: 0.001 min  
Response: 33787063  
Conc: 11.96 ng/ml



#22 Mirex

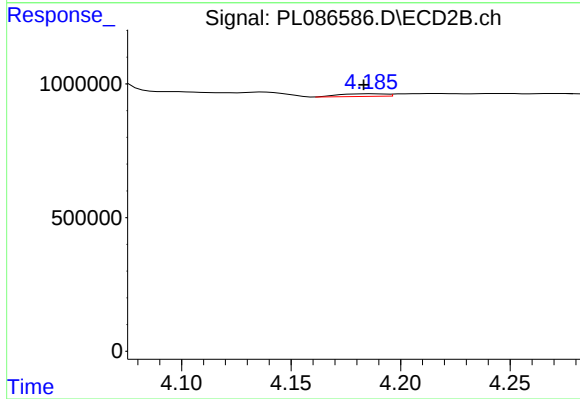
R.T.: 6.847 min  
Delta R.T.: -0.002 min  
Response: 13422011  
Conc: 11.81 ng/ml



#24 Chlordane-2

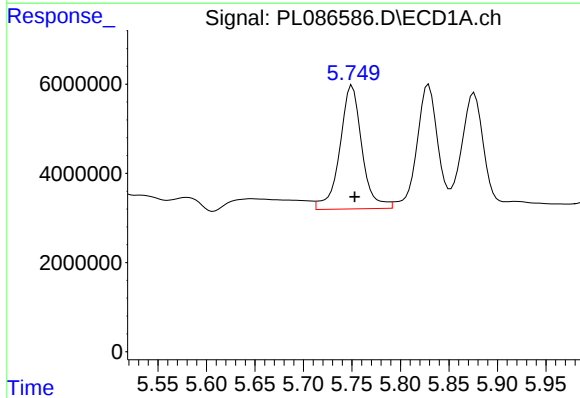
R.T.: 5.063 min  
Delta R.T.: 0.021 min  
Response: 37476738  
Conc: 247.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



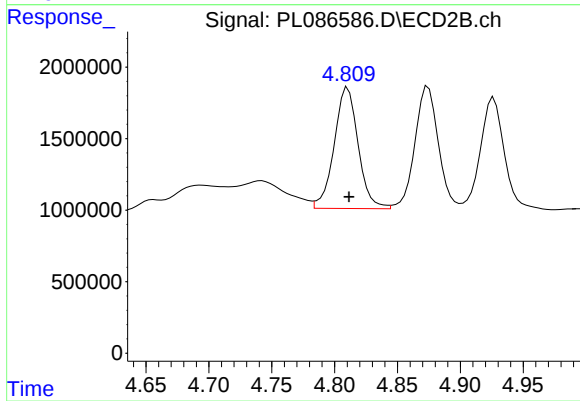
#24 Chlordane-2

R.T.: 4.187 min  
Delta R.T.: 0.003 min  
Response: 148504  
Conc: 3.29 ng/ml



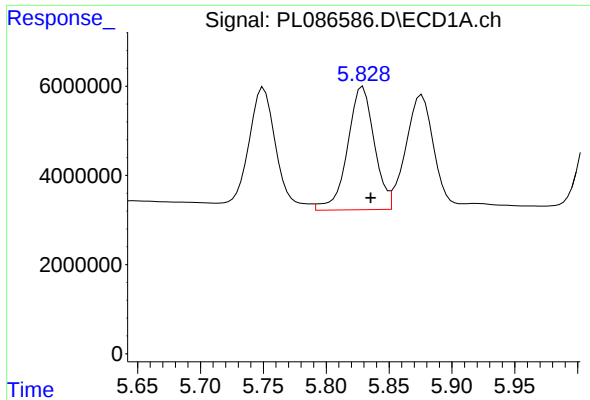
#25 Chlordane-3

R.T.: 5.750 min  
Delta R.T.: -0.002 min  
Response: 43930095  
Conc: 75.95 ng/ml



#25 Chlordane-3

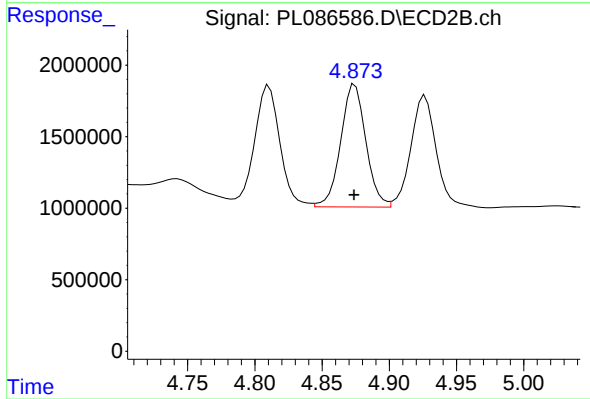
R.T.: 4.810 min  
Delta R.T.: -0.001 min  
Response: 11232776  
Conc: 95.26 ng/ml



#26 Chlordane-4

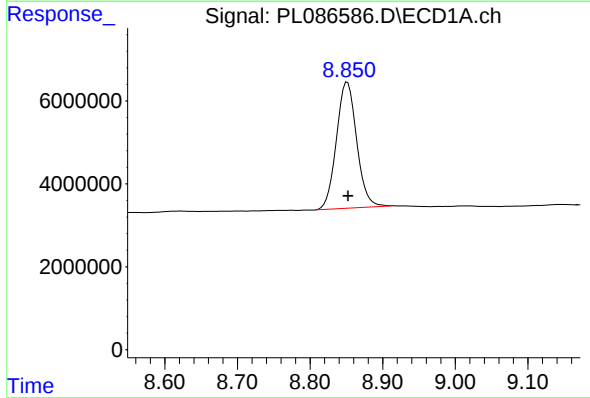
R.T.: 5.829 min  
Delta R.T.: -0.006 min  
Response: 40896156  
Conc: 57.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



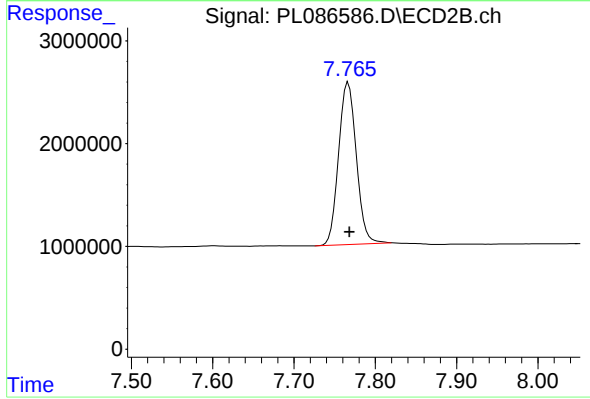
#26 Chlordane-4

R.T.: 4.874 min  
Delta R.T.: 0.000 min  
Response: 11143263  
Conc: 87.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.851 min  
Delta R.T.: -0.001 min  
Response: 59075965  
Conc: 20.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.767 min  
Delta R.T.: -0.001 min  
Response: 23911497  
Conc: 19.80 ng/ml