

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022025\  
 Data File : PL094314.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Feb 2025 18:26  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PCHLORCCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 21 01:41:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|-----------|
| -----                       |                 |        |        |          |          |         |           |
| System Monitoring Compounds |                 |        |        |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.537  | 2.772  | 112.8E6  | 173.8E6  | 41.873  | 53.256 #  |
| 28)                         | SA Decachlor... | 9.051  | 7.906  | 92852274 | 172.4E6  | 44.386  | 49.205    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.006  | 3.263  | 4406991  | 432529   | 1.149   | 0.088 #   |
| 3)                          | MA gamma-BHC... | 4.348f | 3.607  | 250719   | 81791    | 0.068   | 0.017 #   |
| 4)                          | MA Heptachlor   | 4.913  | 3.942  | 77862823 | 93019768 | 23.758  | 19.984    |
| 5)                          | MB Aldrin       | 0.000  | 4.239  | 0        | 8113784  | N.D.    | 1.779 #   |
| 6)                          | B beta-BHC      | 4.554f | 3.904  | 3205295  | 173348   | 1.994   | 0.087 #   |
| 7)                          | B delta-BHC     | 0.000  | 4.127  | 0        | 9432072  | N.D.    | 1.985 #   |
| 8)                          | B Heptachlo...  | 5.666f | 0.000  | 33183625 | 0        | 11.159  | N.D. #    |
| 9)                          | A Endosulfan I  | 0.000  | 5.081  | 0        | 16821198 | N.D.    | 4.339 #   |
| 10)                         | B gamma-Chl...  | 5.938  | 4.974  | 187.2E6  | 217.4E6  | 67.177  | 51.294    |
| 11)                         | B alpha-Chl...  | 6.020  | 5.036  | 226.7E6  | 214.3E6  | 81.293  | 51.186 #  |
| 12)                         | B 4,4'-DDE      | 6.175f | 5.221  | 1827598  | 1008469  | 0.751   | 0.252 #   |
| 13)                         | MA Dieldrin     | 6.343  | 5.383f | 9088534  | 1103918  | 3.274   | 0.257 #   |
| 14)                         | MA Endrin       | 6.598f | 5.643  | 3557981  | 12993441 | 1.517   | 3.519 #   |
| 15)                         | B Endosulfa...  | 6.808f | 5.932  | 2056131  | 67461794 | 0.853   | 18.214 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.335  | 0        | 878885   | N.D.    | 0.246 #   |
| 20)                         | A Methoxychlor  | 0.000  | 6.598  | 0        | 623639   | N.D.    | 0.349 #   |
| 23)                         | Chlordane-1     | 4.698  | 3.768  | 55514110 | 58866081 | 477.584 | 471.695   |
| 24)                         | Chlordane-2     | 0.000  | 4.344  | 0        | 73750030 | N.D.    | 502.653 # |
| 25)                         | Chlordane-3     | 5.938  | 4.974  | 187.2E6  | 217.4E6  | 477.348 | 499.895   |
| 26)                         | Chlordane-4     | 6.020  | 5.036  | 226.7E6  | 214.3E6  | 482.181 | 505.802   |
| 27)                         | Chlordane-5     | 6.869  | 5.932  | 26667891 | 67461794 | 304.057 | 440.458 # |
| -----                       |                 |        |        |          |          |         |           |

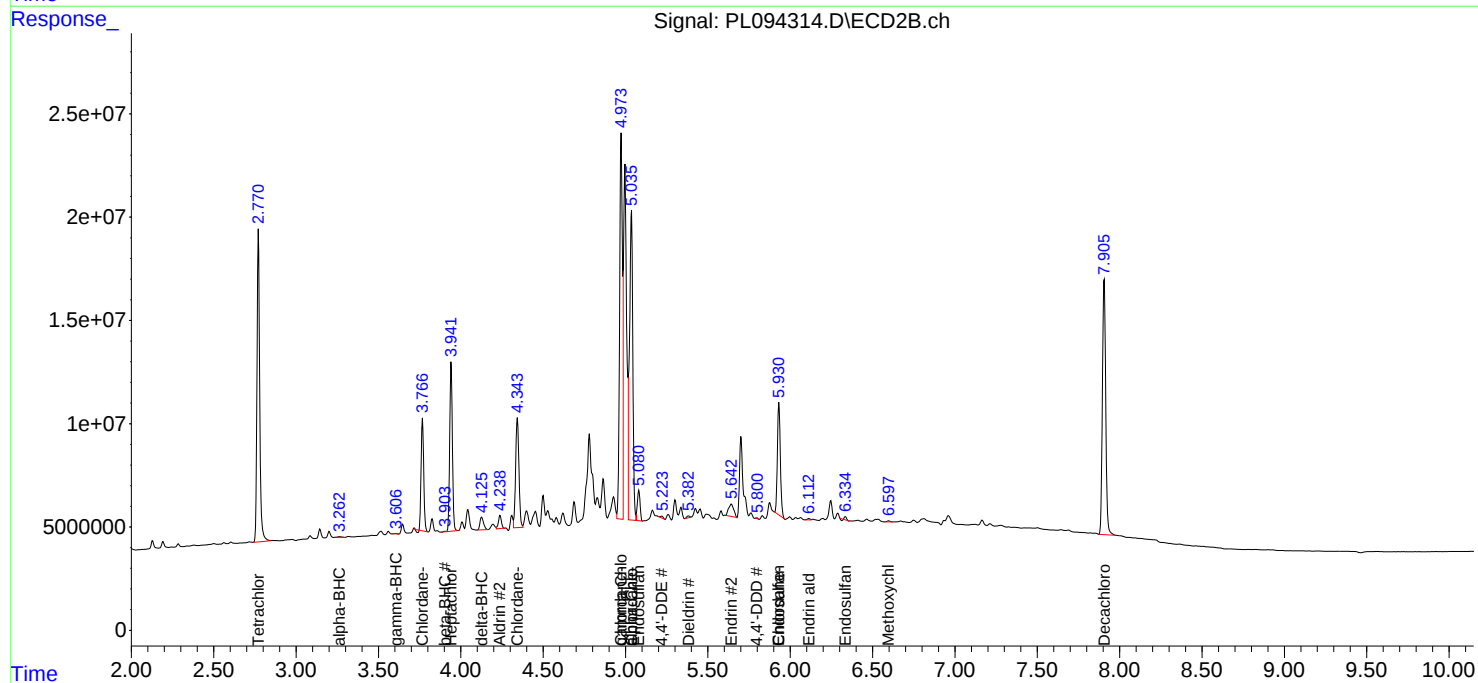
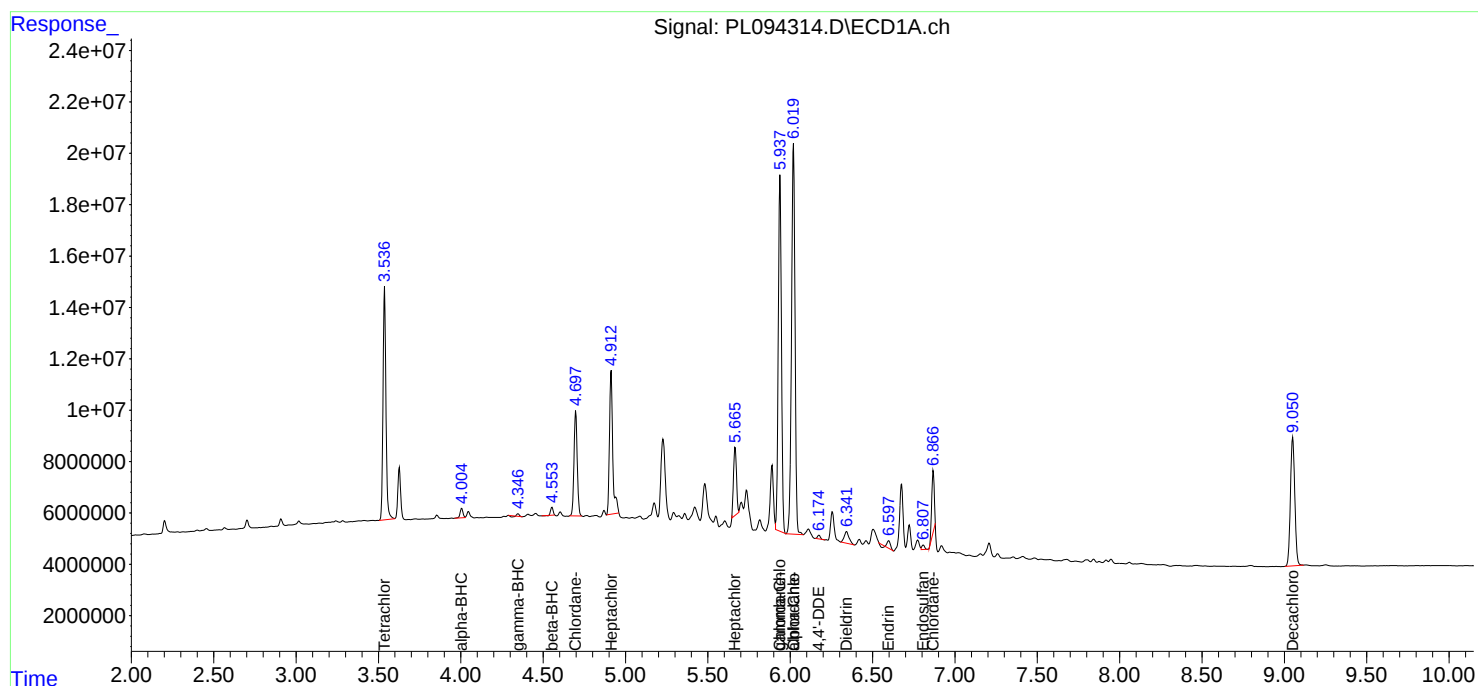
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

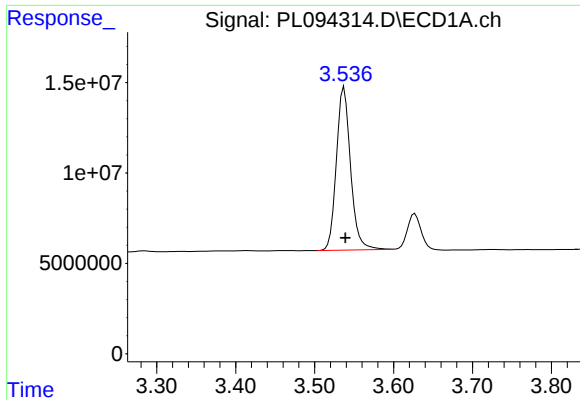
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022025\  
Data File : PL094314.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Feb 2025 18:26  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 21 01:41:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

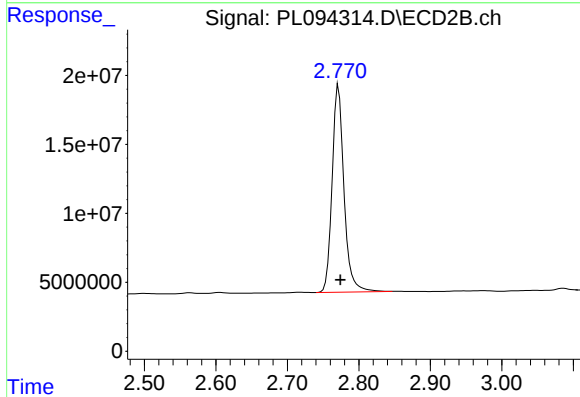




#1 Tetrachloro-m-xylene

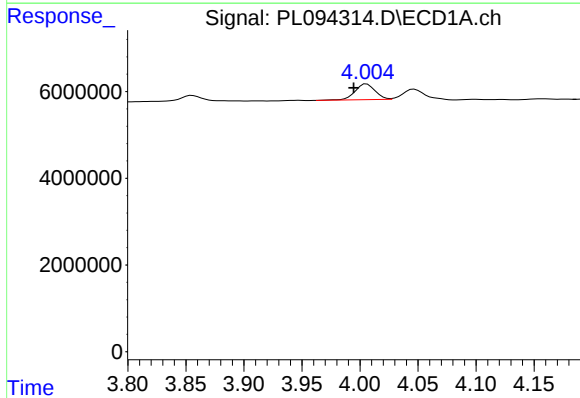
R.T.: 3.537 min  
Delta R.T.: -0.002 min  
Response: 112754403  
Conc: 41.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



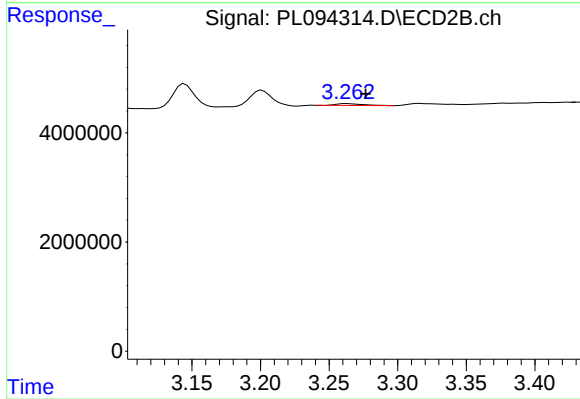
#1 Tetrachloro-m-xylene

R.T.: 2.772 min  
Delta R.T.: -0.003 min  
Response: 173834511  
Conc: 53.26 ng/ml



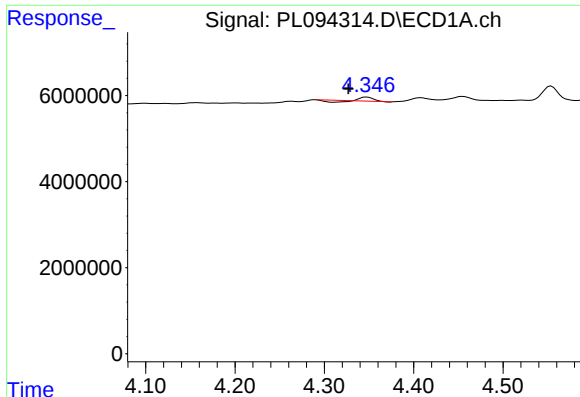
#2 alpha-BHC

R.T.: 4.006 min  
Delta R.T.: 0.011 min  
Response: 4406991  
Conc: 1.15 ng/ml



#2 alpha-BHC

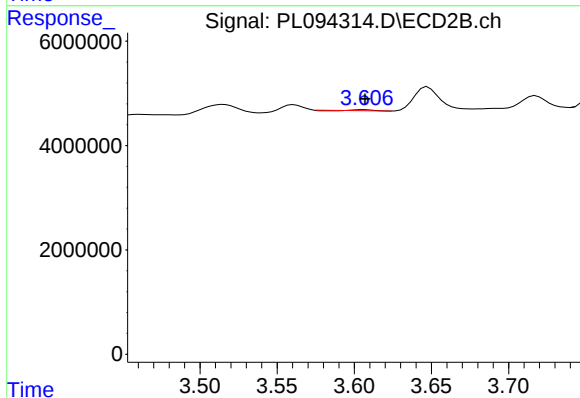
R.T.: 3.263 min  
Delta R.T.: -0.014 min  
Response: 432529  
Conc: 0.09 ng/ml



#3 gamma-BHC (Lindane)

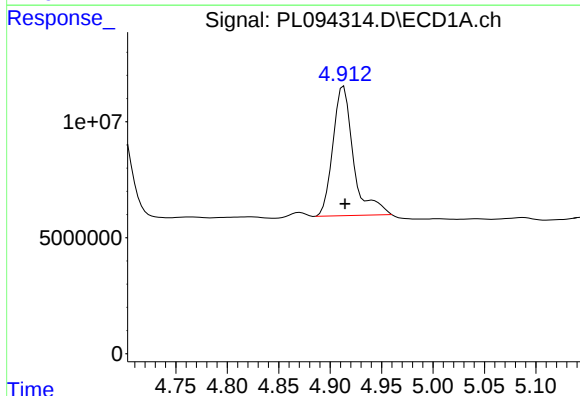
R.T.: 4.348 min  
Delta R.T.: 0.021 min  
Response: 250719  
Conc: 0.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



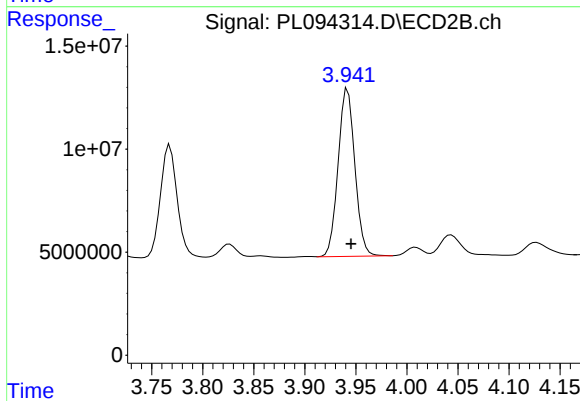
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: 0.000 min  
Response: 81791  
Conc: 0.02 ng/ml



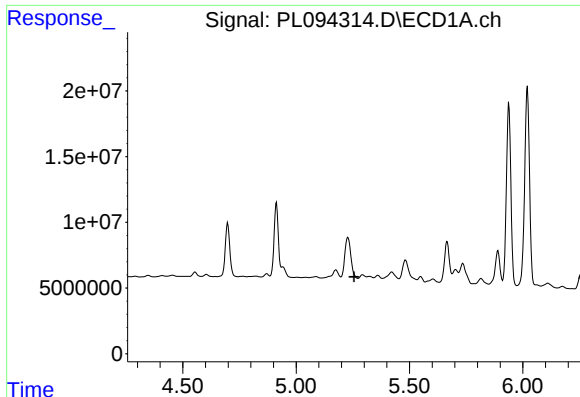
#4 Heptachlor

R.T.: 4.913 min  
Delta R.T.: -0.001 min  
Response: 77862823  
Conc: 23.76 ng/ml



#4 Heptachlor

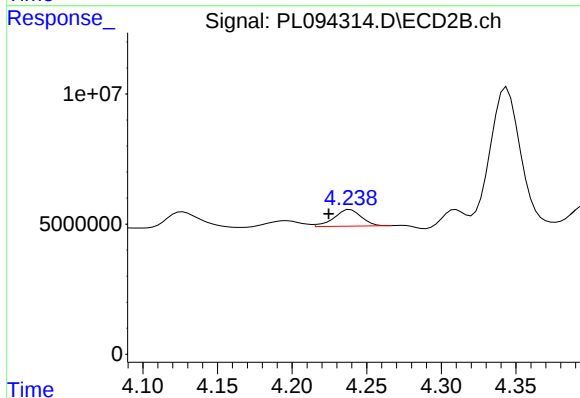
R.T.: 3.942 min  
Delta R.T.: -0.003 min  
Response: 93019768  
Conc: 19.98 ng/ml



#5 Aldrin

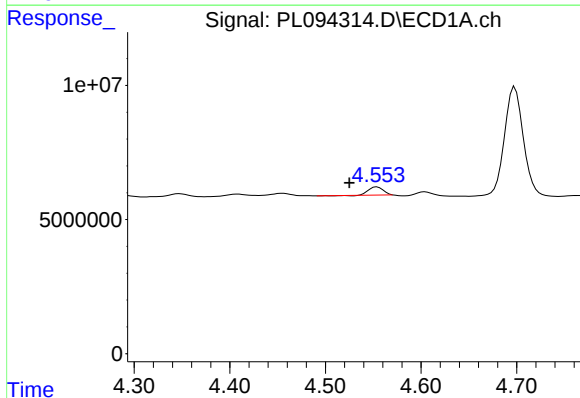
R.T.: 0.000 min  
Exp R.T.: 5.256 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



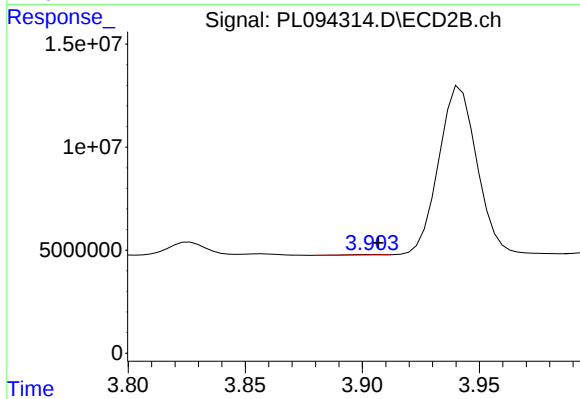
#5 Aldrin

R.T.: 4.239 min  
Delta R.T.: 0.014 min  
Response: 8113784  
Conc: 1.78 ng/ml



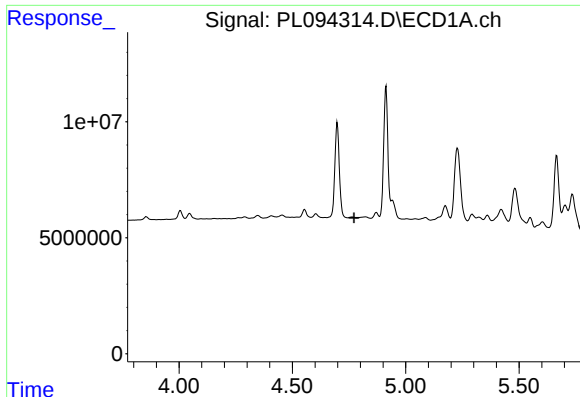
#6 beta-BHC

R.T.: 4.554 min  
Delta R.T.: 0.029 min  
Response: 3205295  
Conc: 1.99 ng/ml



#6 beta-BHC

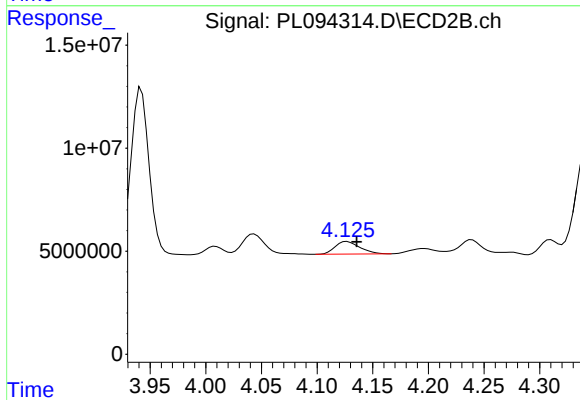
R.T.: 3.904 min  
Delta R.T.: -0.003 min  
Response: 173348  
Conc: 0.09 ng/ml



#7 delta-BHC

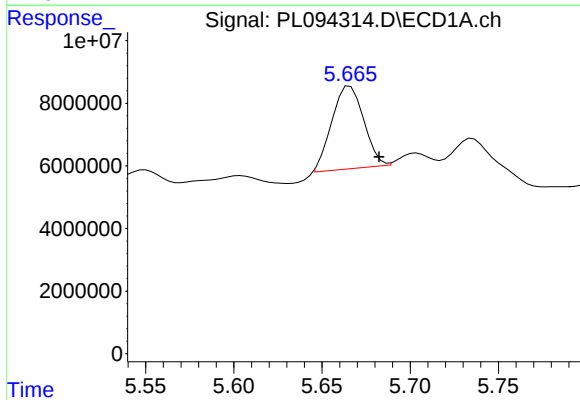
R.T.: 0.000 min  
Exp R.T.: 4.772 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



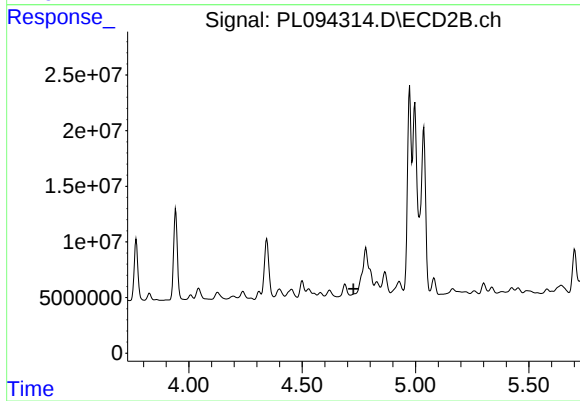
#7 delta-BHC

R.T.: 4.127 min  
Delta R.T.: -0.009 min  
Response: 9432072  
Conc: 1.99 ng/ml



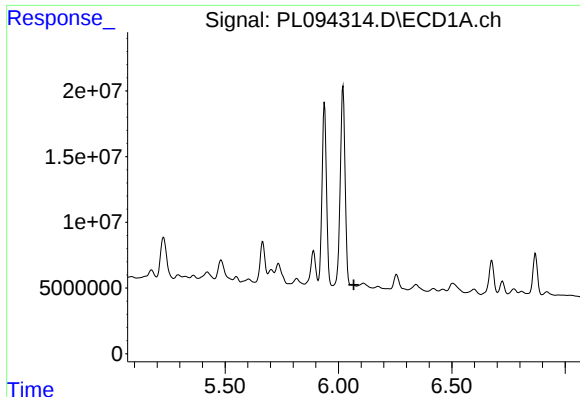
#8 Heptachlor epoxide

R.T.: 5.666 min  
Delta R.T.: -0.016 min  
Response: 33183625  
Conc: 11.16 ng/ml



#8 Heptachlor epoxide

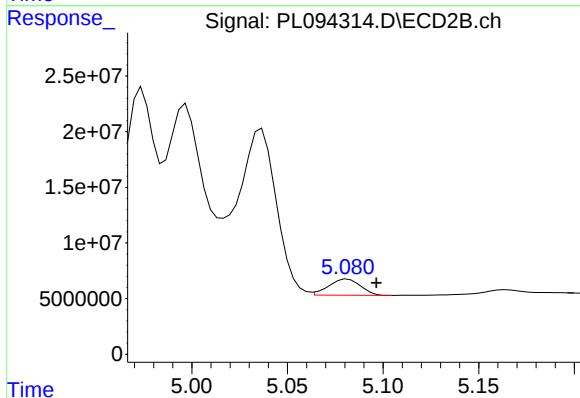
R.T.: 0.000 min  
Exp R.T.: 4.727 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

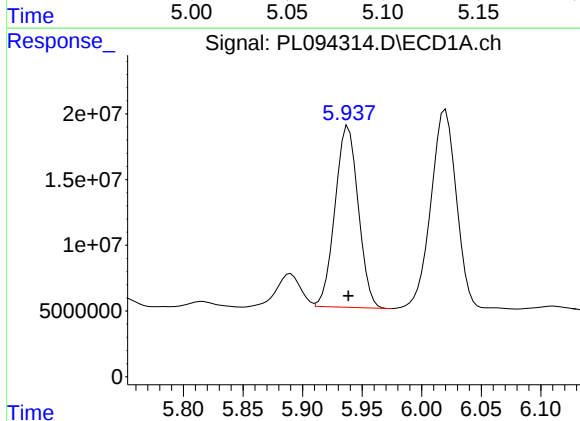
R.T.: 0.000 min  
Exp R.T.: 6.067 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



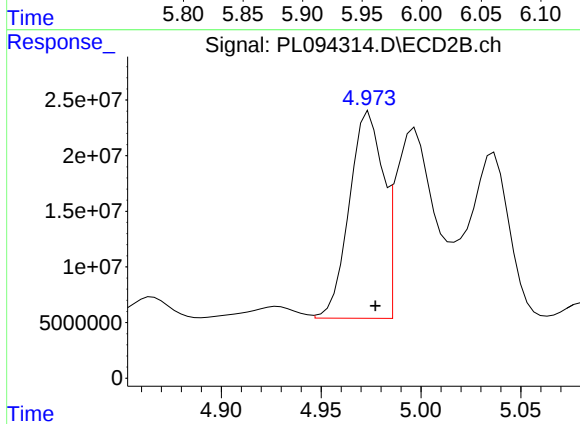
#9 Endosulfan I

R.T.: 5.081 min  
Delta R.T.: -0.015 min  
Response: 16821198  
Conc: 4.34 ng/ml



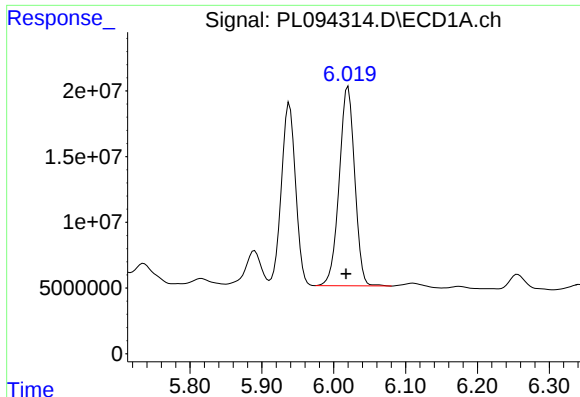
#10 gamma-Chlordane

R.T.: 5.938 min  
Delta R.T.: 0.000 min  
Response: 187247063  
Conc: 67.18 ng/ml



#10 gamma-Chlordane

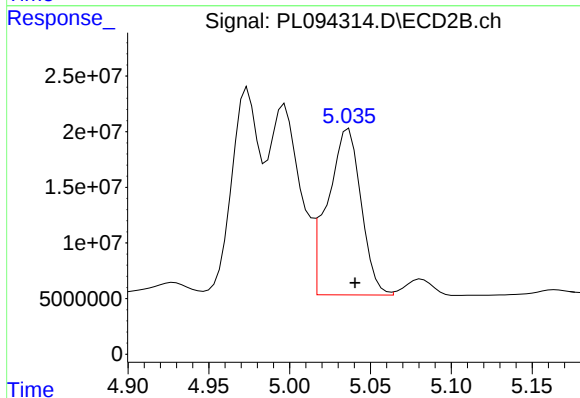
R.T.: 4.974 min  
Delta R.T.: -0.003 min  
Response: 217365215  
Conc: 51.29 ng/ml



#11 alpha-Chlordane

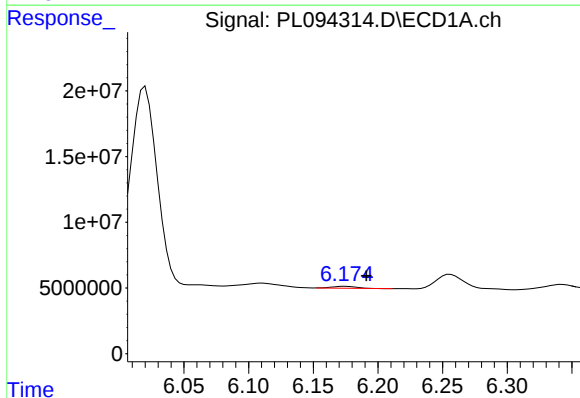
R.T.: 6.020 min  
Delta R.T.: 0.003 min  
Response: 226676629  
Conc: 81.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



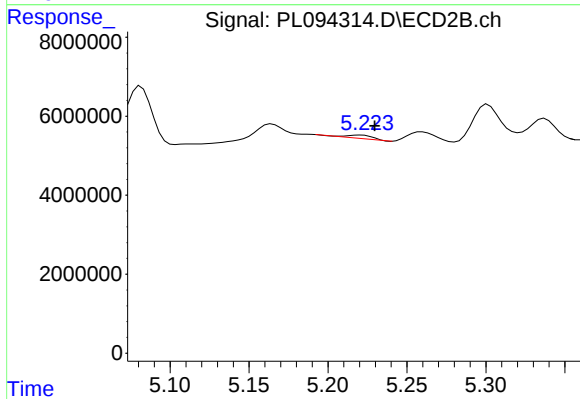
#11 alpha-Chlordane

R.T.: 5.036 min  
Delta R.T.: -0.004 min  
Response: 214292509  
Conc: 51.19 ng/ml



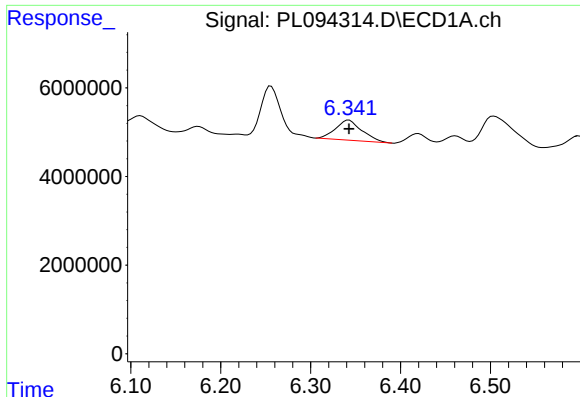
#12 4,4'-DDE

R.T.: 6.175 min  
Delta R.T.: -0.016 min  
Response: 1827598  
Conc: 0.75 ng/ml



#12 4,4'-DDE

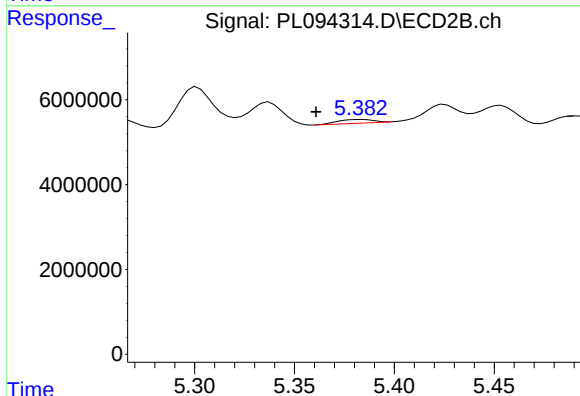
R.T.: 5.221 min  
Delta R.T.: -0.009 min  
Response: 1008469  
Conc: 0.25 ng/ml



#13 Dieldrin

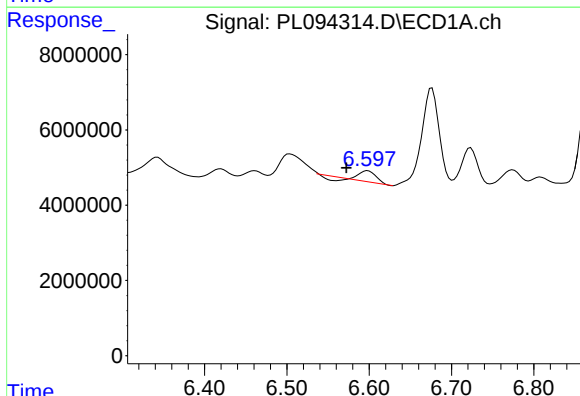
R.T.: 6.343 min  
Delta R.T.: 0.000 min  
Response: 9088534  
Conc: 3.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



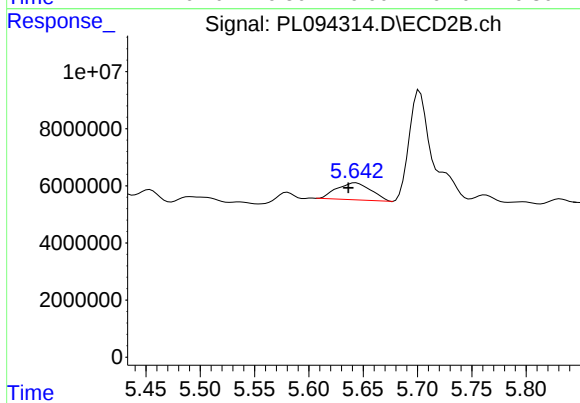
#13 Dieldrin

R.T.: 5.383 min  
Delta R.T.: 0.022 min  
Response: 1103918  
Conc: 0.26 ng/ml



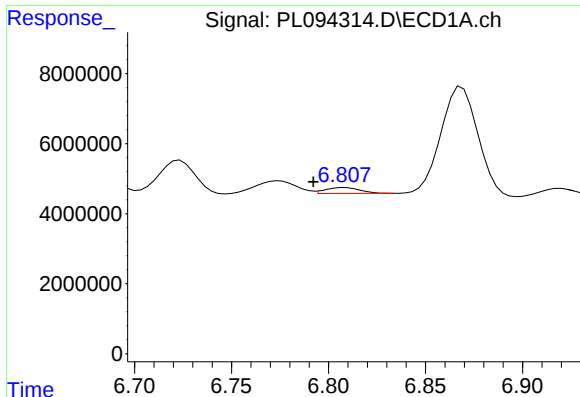
#14 Endrin

R.T.: 6.598 min  
Delta R.T.: 0.026 min  
Response: 3557981  
Conc: 1.52 ng/ml



#14 Endrin

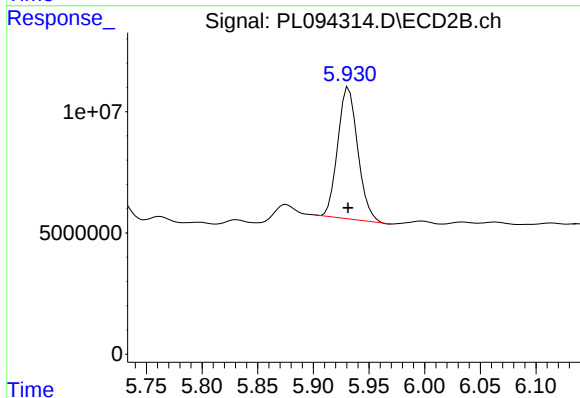
R.T.: 5.643 min  
Delta R.T.: 0.007 min  
Response: 12993441  
Conc: 3.52 ng/ml



#15 Endosulfan II

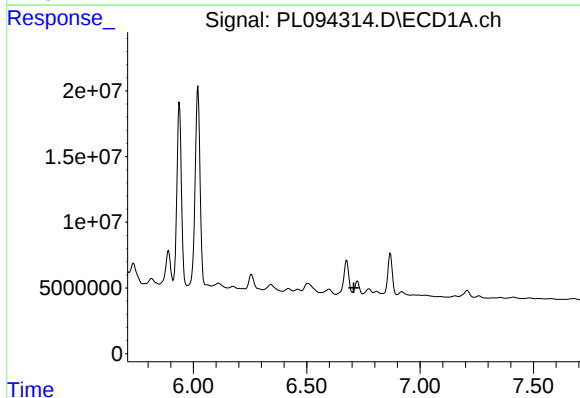
R.T.: 6.808 min  
Delta R.T.: 0.016 min  
Response: 2056131  
Conc: 0.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



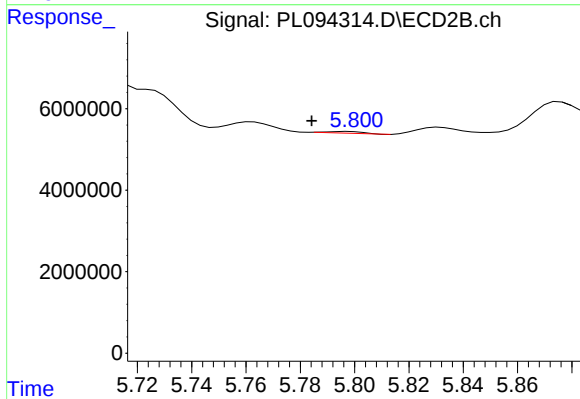
#15 Endosulfan II

R.T.: 5.932 min  
Delta R.T.: 0.000 min  
Response: 67461794  
Conc: 18.21 ng/ml



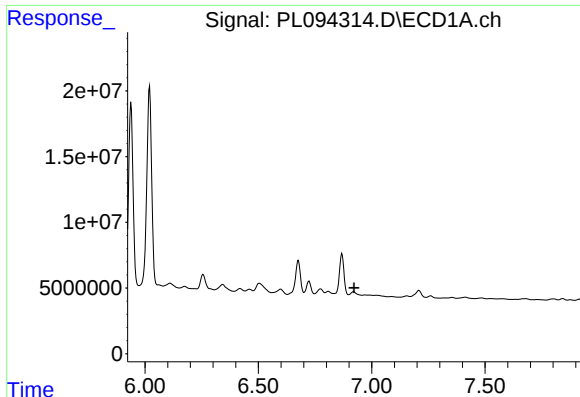
#16 4,4'-DDD

R.T.: 6.723 min  
Delta R.T.: 0.015 min  
Response: -12795789  
Conc: N.D.



#16 4,4'-DDD

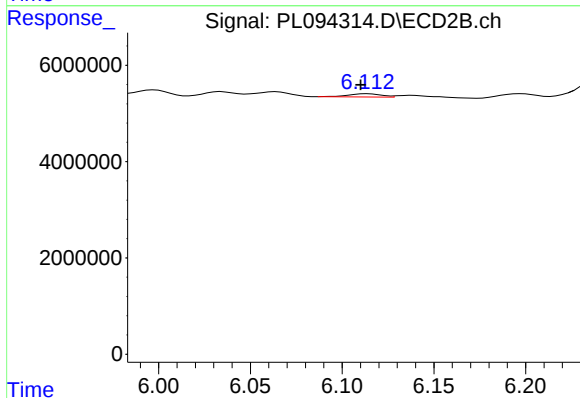
R.T.: 5.798 min  
Delta R.T.: 0.013 min  
Response: 385893  
Conc: 0.12 ng/ml



#18 Endrin aldehyde

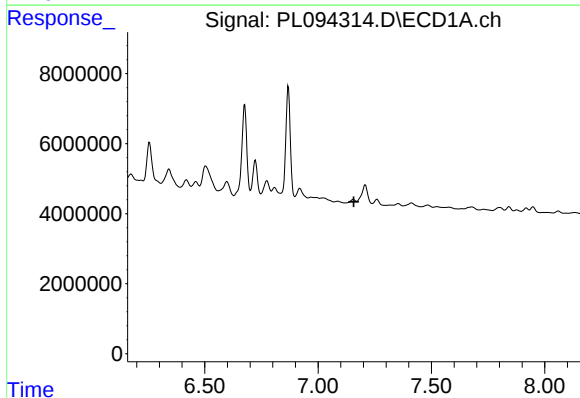
R.T.: 6.920 min  
Delta R.T.: -0.003 min  
Response: -18325413  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



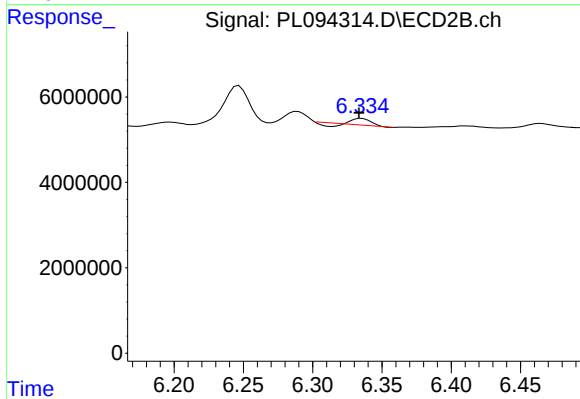
#18 Endrin aldehyde

R.T.: 6.114 min  
Delta R.T.: 0.004 min  
Response: 835412  
Conc: 0.27 ng/ml



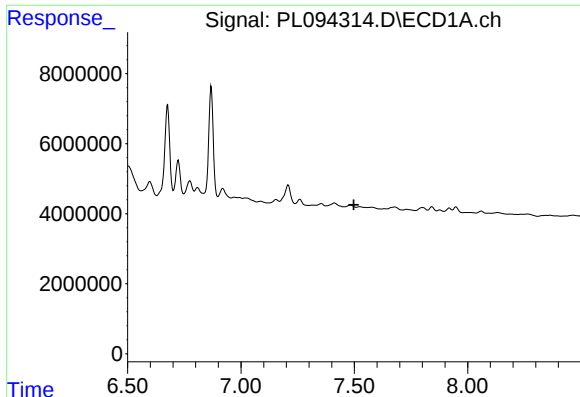
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.157 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

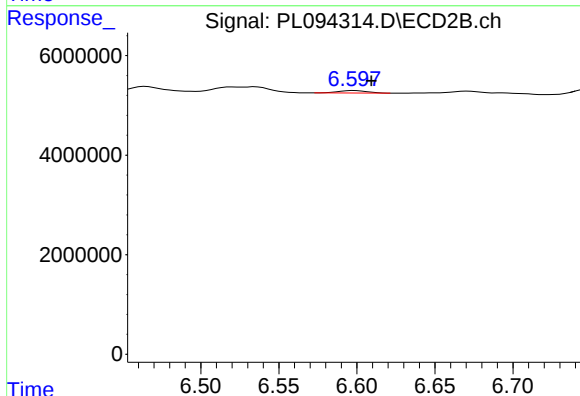
R.T.: 6.335 min  
Delta R.T.: 0.002 min  
Response: 878885  
Conc: 0.25 ng/ml



#20 Methoxychlor

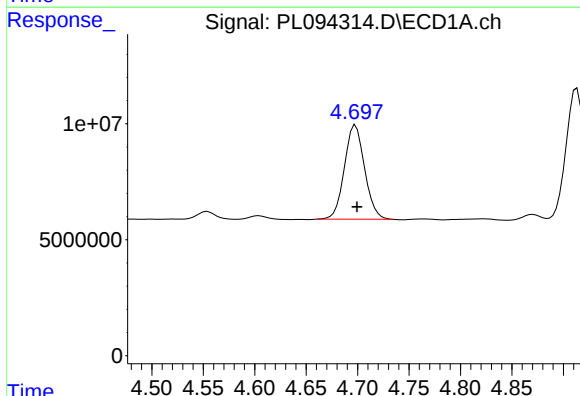
R.T.: 0.000 min  
Exp R.T.: 7.498 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



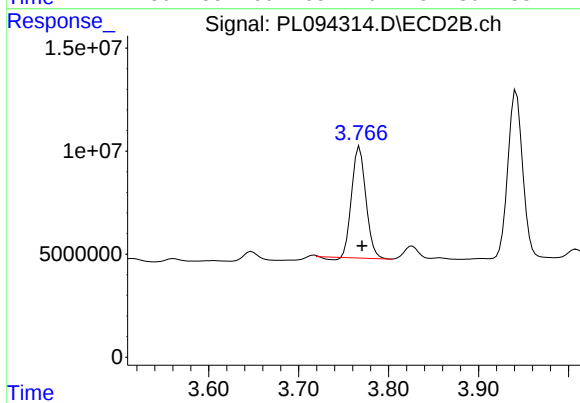
#20 Methoxychlor

R.T.: 6.598 min  
Delta R.T.: -0.011 min  
Response: 623639  
Conc: 0.35 ng/ml



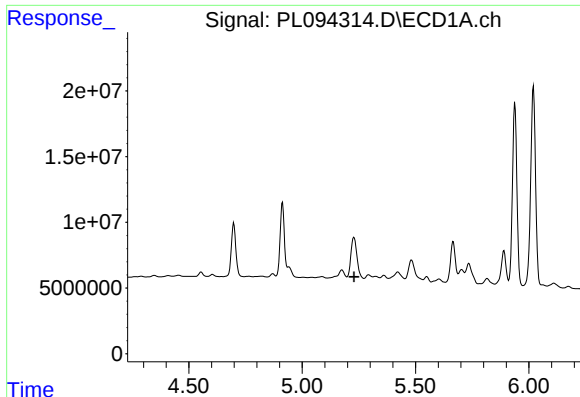
#23 Chlordane-1

R.T.: 4.698 min  
Delta R.T.: -0.002 min  
Response: 55514110  
Conc: 477.58 ng/ml



#23 Chlordane-1

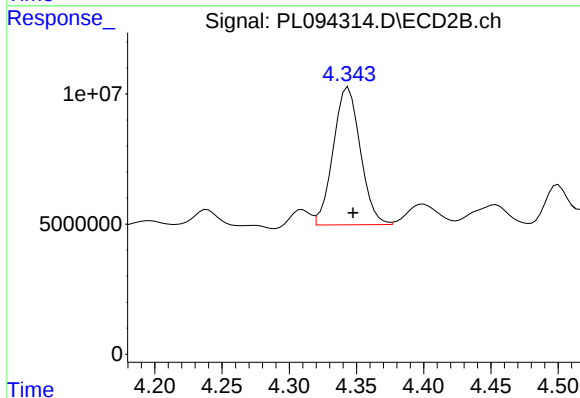
R.T.: 3.768 min  
Delta R.T.: -0.003 min  
Response: 58866081  
Conc: 471.70 ng/ml



#24 Chlordane-2

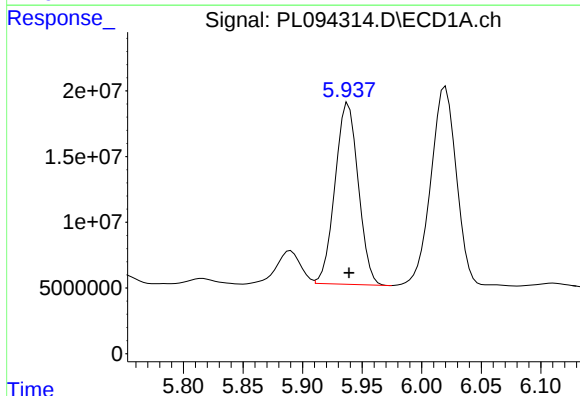
R.T.: 0.000 min  
Exp R.T.: 5.229 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



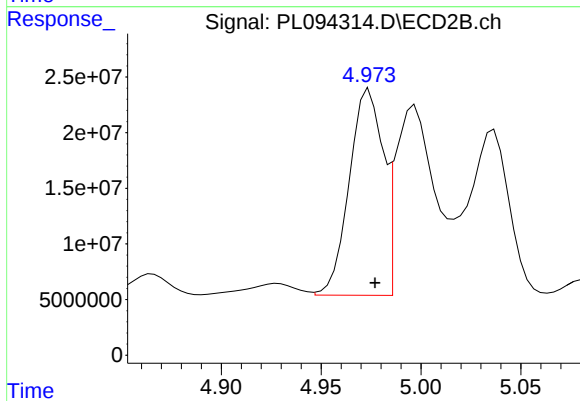
#24 Chlordane-2

R.T.: 4.344 min  
Delta R.T.: -0.004 min  
Response: 73750030  
Conc: 502.65 ng/ml



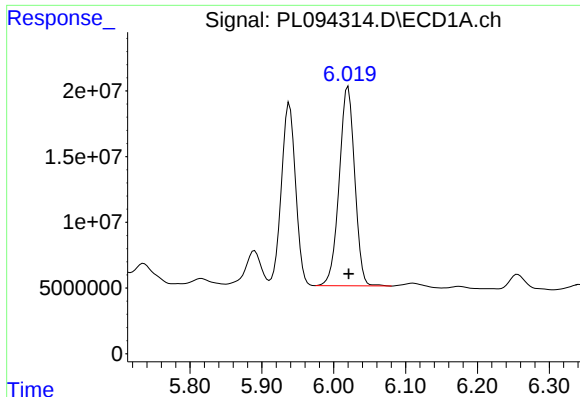
#25 Chlordane-3

R.T.: 5.938 min  
Delta R.T.: 0.000 min  
Response: 187247063  
Conc: 477.35 ng/ml



#25 Chlordane-3

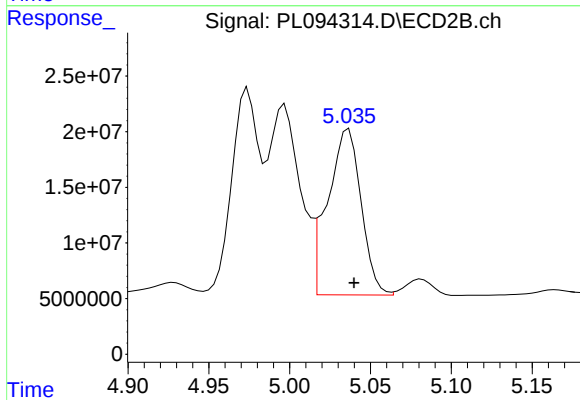
R.T.: 4.974 min  
Delta R.T.: -0.003 min  
Response: 217365215  
Conc: 499.90 ng/ml



#26 Chlordane-4

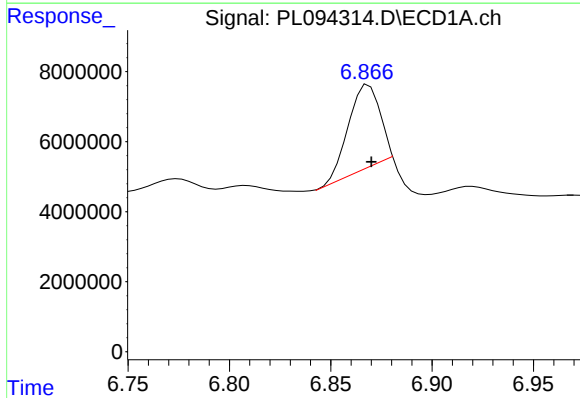
R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 226676629  
Conc: 482.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



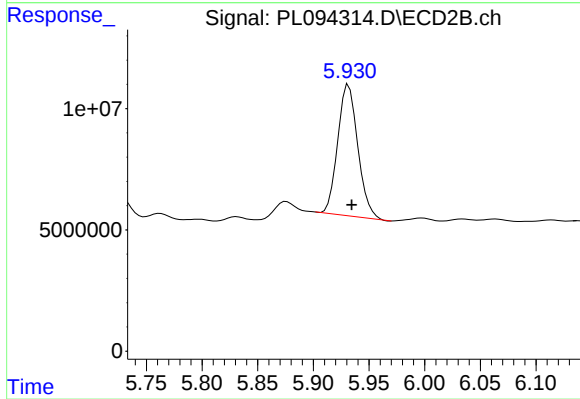
#26 Chlordane-4

R.T.: 5.036 min  
Delta R.T.: -0.003 min  
Response: 214292509  
Conc: 505.80 ng/ml



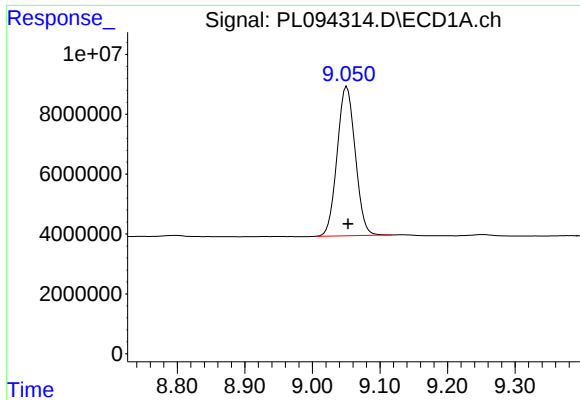
#27 Chlordane-5

R.T.: 6.869 min  
Delta R.T.: -0.001 min  
Response: 26667891  
Conc: 304.06 ng/ml



#27 Chlordane-5

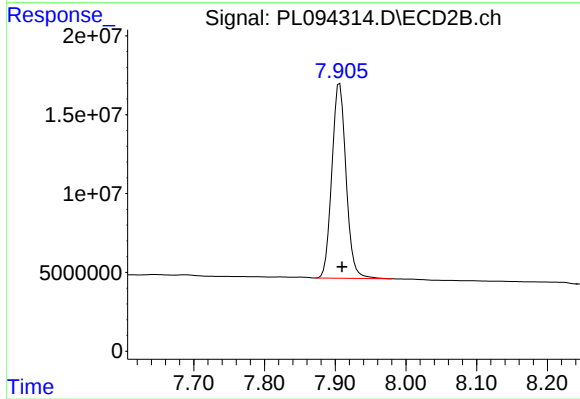
R.T.: 5.932 min  
Delta R.T.: -0.003 min  
Response: 67461794  
Conc: 440.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.051 min  
Delta R.T.: -0.002 min  
Response: 92852274  
Conc: 44.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORCCC500



#28 Decachlorobiphenyl

R.T.: 7.906 min  
Delta R.T.: -0.003 min  
Response: 172416805  
Conc: 49.20 ng/ml