

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092624\  
 Data File : PL092082.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2024 19:38  
 Operator : AR\AJ  
 Sample : P4172-04MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CHRT-20425MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 27 04:12:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 23 16:44:57 2024  
 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... | 3.541  | 2.779 | 41132052 | 34876631 | 18.489  | 13.906     |
| 28)                         | SA Decachlor... | 9.061  | 7.922 | 12357256 | 17972673 | 7.543   | 7.183      |
| Target Compounds            |                 |        |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.998  | 3.283 | 114.4E6  | 144.5E6  | 36.944  | 39.653     |
| 3)                          | MA gamma-BHC... | 4.330  | 3.613 | 132.4E6  | 133.7E6  | 42.713  | 37.859     |
| 4)                          | MA Heptachlor   | 4.920  | 3.952 | 113.4E6  | 137.5E6  | 41.021  | 39.845     |
| 5)                          | MB Aldrin       | 5.261  | 4.232 | 106.9E6  | 130.1E6  | 38.472  | 38.260     |
| 6)                          | B beta-BHC      | 4.528  | 3.913 | 48231260 | 68894638 | 36.363  | 45.835 #   |
| 7)                          | B delta-BHC     | 4.773  | 4.141 | 140.8E6  | 99770717 | 48.834  | 28.738 #   |
| 8)                          | B Heptachlo...  | 5.688  | 4.735 | 112.6E6  | 135.2E6  | 44.236  | 44.735     |
| 9)                          | A Endosulfan I  | 6.074  | 5.105 | 83369553 | 122.5E6  | 36.038  | 44.647     |
| 10)                         | B gamma-Chl...  | 5.945  | 4.986 | 205.2E6  | 215.8E6  | 83.028  | 71.723     |
| 11)                         | B alpha-Chl...  | 6.026  | 5.049 | 286.1E6  | 292.7E6  | 116.148 | 97.790     |
| 12)                         | B 4,4'-DDE      | 6.197  | 5.238 | 80922061 | 127.8E6  | 37.387  | 45.977     |
| 13)                         | MA Dieldrin     | 6.349  | 5.370 | 216.3E6  | 306.8E6  | 88.669  | 104.634    |
| 14)                         | MA Endrin       | 6.579  | 5.646 | 66892325 | 107.4E6  | 32.461  | 40.950 #   |
| 15)                         | B Endosulfa...  | 6.799  | 5.941 | 79062878 | 116.1E6  | 35.942  | 46.407 #   |
| 16)                         | A 4,4'-DDD      | 6.714  | 5.794 | 77404325 | 85013023 | 43.105  | 39.796     |
| 17)                         | MA 4,4'-DDT     | 7.028  | 6.044 | 72649999 | 101.7E6  | 39.458  | 43.978     |
| 18)                         | B Endrin al...  | 6.929  | 6.120 | 63744866 | 76902230 | 36.577  | 37.684     |
| 19)                         | B Endosulfa...  | 7.163  | 6.343 | 65396846 | 88223213 | 32.991  | 36.569     |
| 20)                         | A Methoxychlor  | 7.505  | 6.620 | 30552001 | 54408044 | 31.121  | 43.514 #   |
| 21)                         | B Endrin ke...  | 7.648  | 6.848 | 77131517 | 93875428 | 35.099  | 33.903     |
| 22)                         | Mirex           | 8.122  | 7.030 | 53985887 | 76354894 | 29.976  | 31.387     |
| 24)                         | Chlordane-2     | 5.261f | 4.359 | 106.9E6  | 5608544  | 996.379 | 49.975 #   |
| 25)                         | Chlordane-3     | 5.945  | 4.986 | 205.2E6  | 215.8E6  | 547.762 | 651.468    |
| 26)                         | Chlordane-4     | 6.026  | 5.049 | 286.1E6  | 292.7E6  | 631.805 | 922.642 #  |
| 27)                         | Chlordane-5     | 6.876  | 5.941 | 13276264 | 116.1E6  | 152.225 | 1070.818 # |
| -----                       |                 |        |       |          |          |         |            |

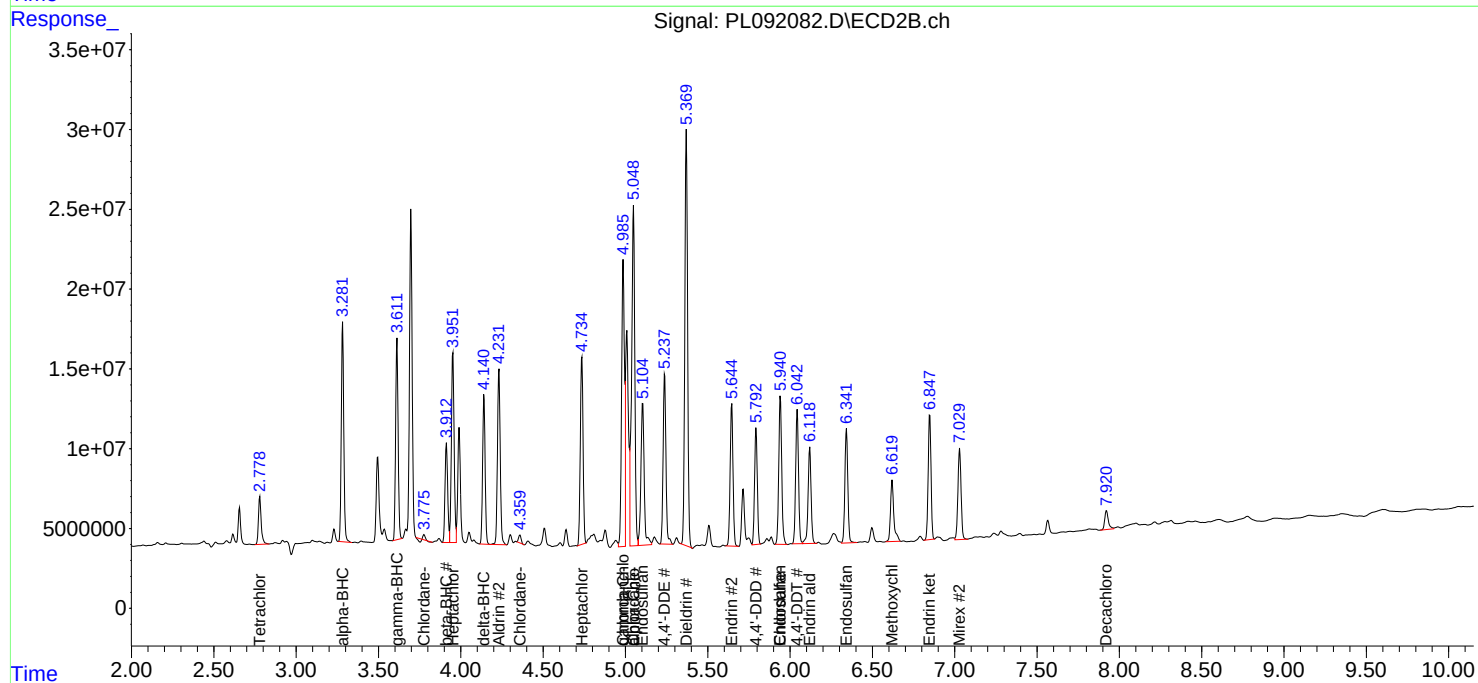
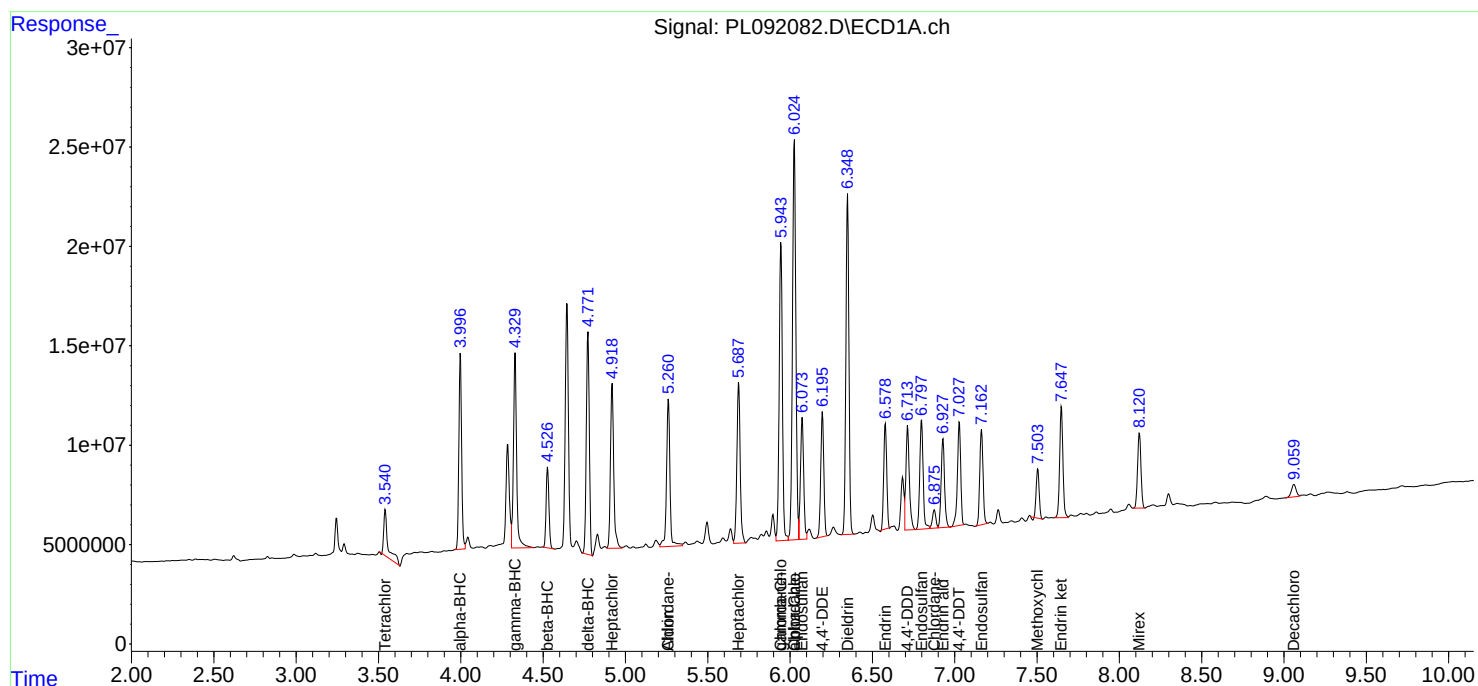
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

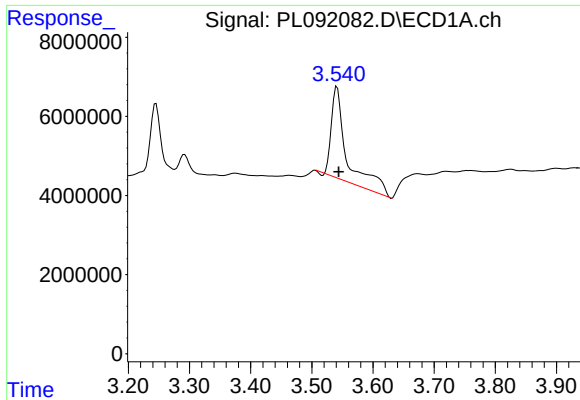
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092624\  
Data File : PL092082.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2024 19:38  
Operator : AR\AJ  
Sample : P4172-04MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 27 04:12:56 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 23 16:44:57 2024  
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

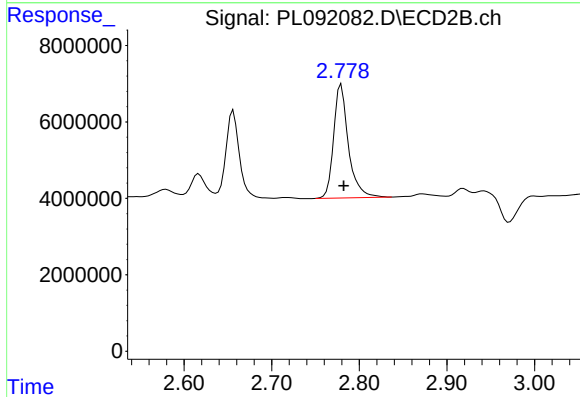




#1 Tetrachloro-m-xylene

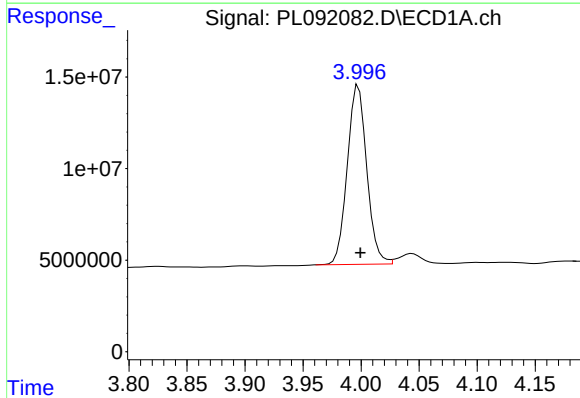
R.T.: 3.541 min  
Delta R.T.: -0.003 min  
Response: 41132052  
Conc: 18.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS



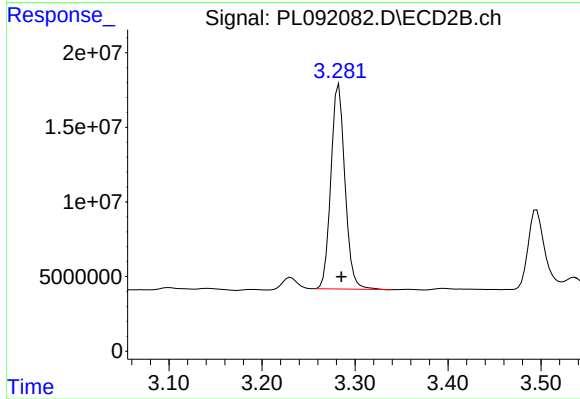
#1 Tetrachloro-m-xylene

R.T.: 2.779 min  
Delta R.T.: -0.003 min  
Response: 34876631  
Conc: 13.91 ng/ml



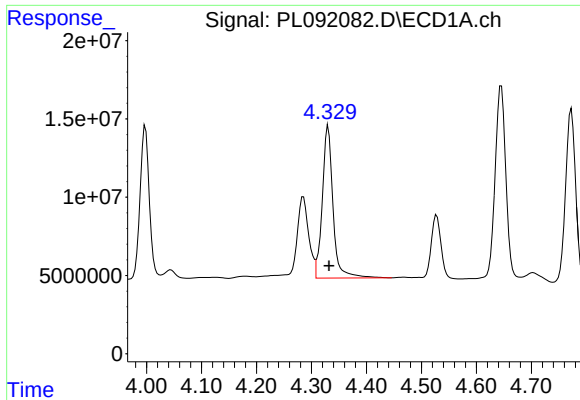
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: -0.002 min  
Response: 114397074  
Conc: 36.94 ng/ml



#2 alpha-BHC

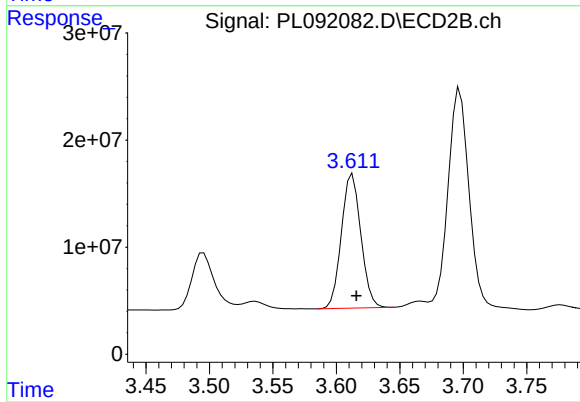
R.T.: 3.283 min  
Delta R.T.: -0.003 min  
Response: 144467031  
Conc: 39.65 ng/ml



#3 gamma-BHC (Lindane)

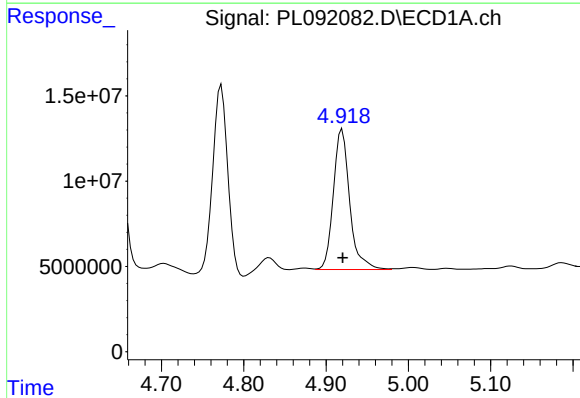
R.T.: 4.330 min  
Delta R.T.: -0.002 min  
Response: 132358281  
Conc: 42.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS



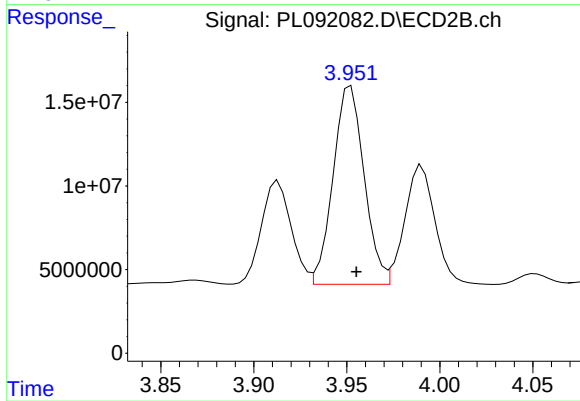
#3 gamma-BHC (Lindane)

R.T.: 3.613 min  
Delta R.T.: -0.003 min  
Response: 133680280  
Conc: 37.86 ng/ml



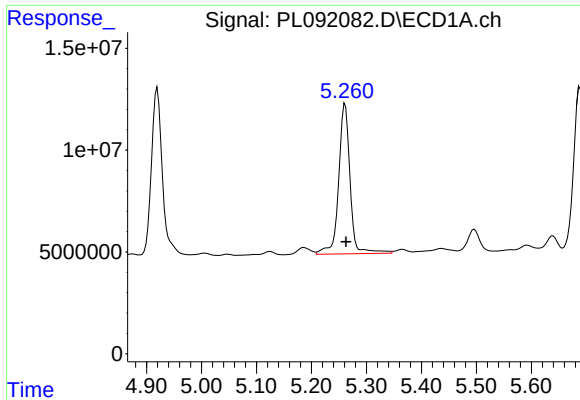
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: 0.000 min  
Response: 113442320  
Conc: 41.02 ng/ml



#4 Heptachlor

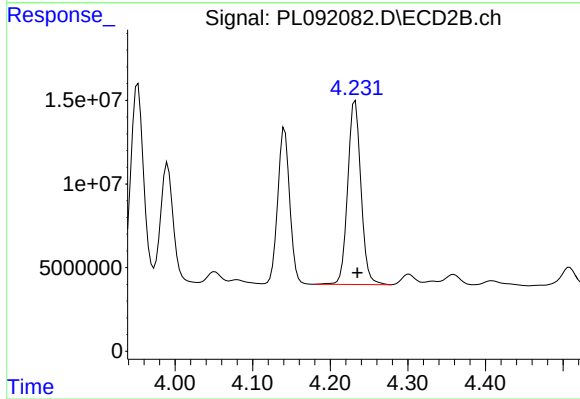
R.T.: 3.952 min  
Delta R.T.: -0.003 min  
Response: 137488592  
Conc: 39.84 ng/ml



#5 Aldrin

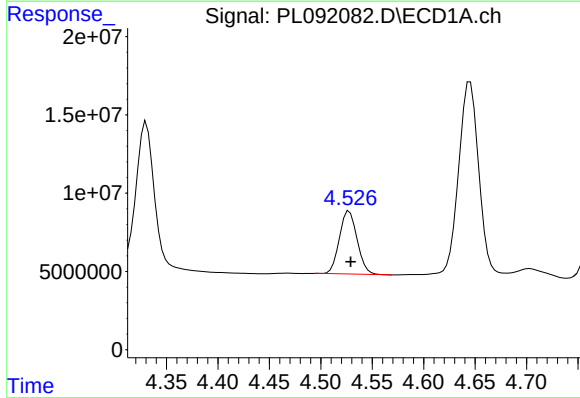
R.T.: 5.261 min  
Delta R.T.: -0.002 min  
Response: 106858297  
Conc: 38.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS



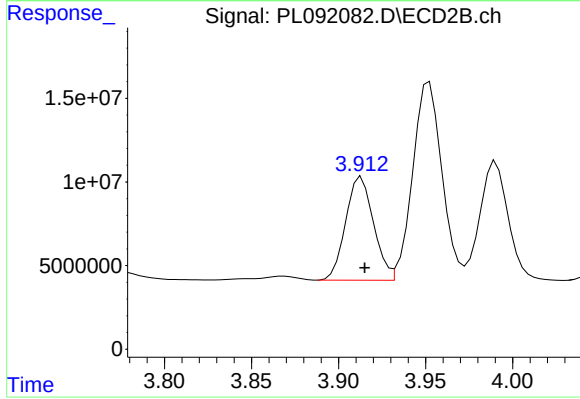
#5 Aldrin

R.T.: 4.232 min  
Delta R.T.: -0.003 min  
Response: 130126947  
Conc: 38.26 ng/ml



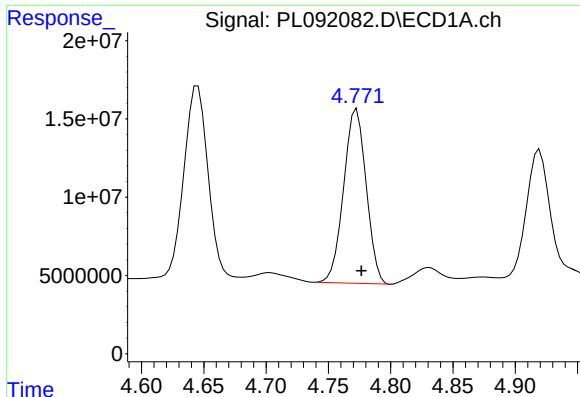
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: -0.002 min  
Response: 48231260  
Conc: 36.36 ng/ml



#6 beta-BHC

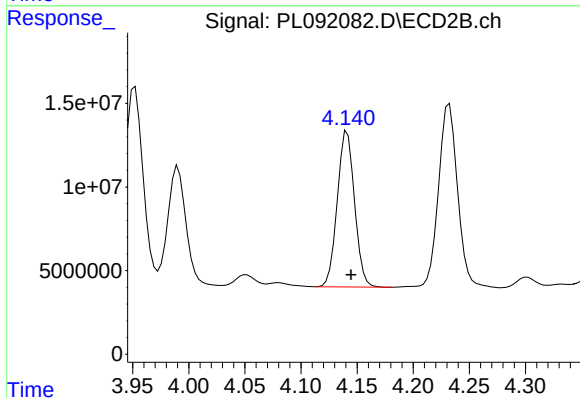
R.T.: 3.913 min  
Delta R.T.: -0.002 min  
Response: 68894638  
Conc: 45.84 ng/ml



#7 delta-BHC

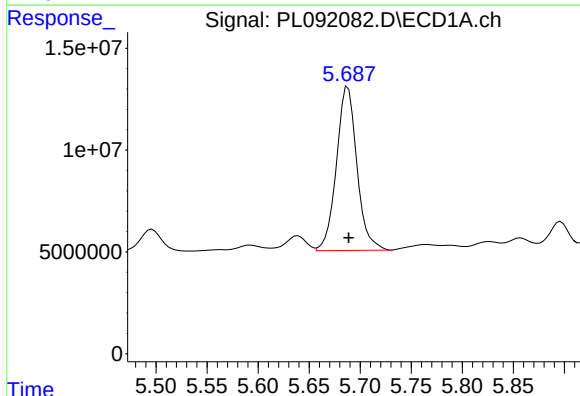
R.T.: 4.773 min  
Delta R.T.: -0.004 min  
Response: 140848149  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS



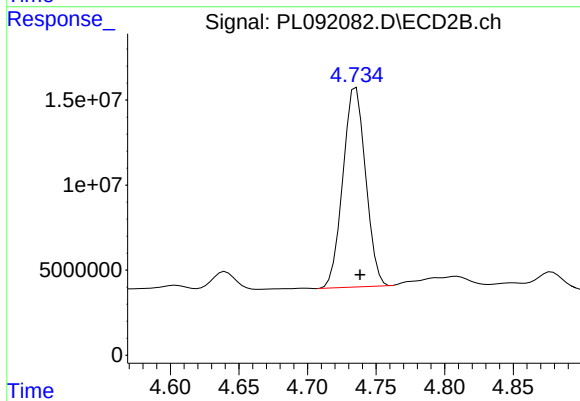
#7 delta-BHC

R.T.: 4.141 min  
Delta R.T.: -0.003 min  
Response: 99770717  
Conc: 28.74 ng/ml



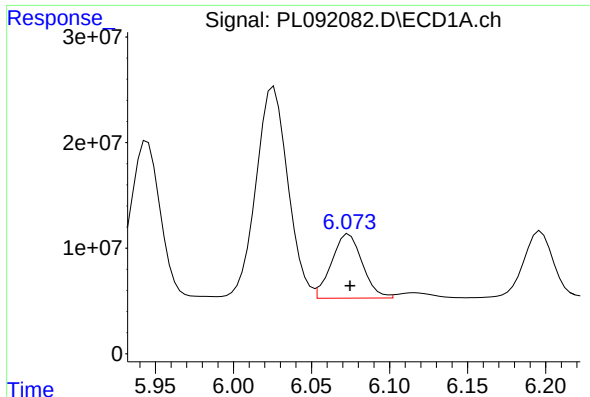
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: 0.000 min  
Response: 112579858  
Conc: 44.24 ng/ml



#8 Heptachlor epoxide

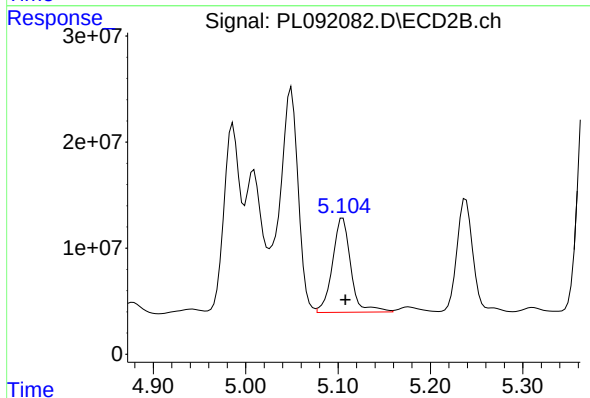
R.T.: 4.735 min  
Delta R.T.: -0.003 min  
Response: 135230142  
Conc: 44.74 ng/ml



#9 Endosulfan I

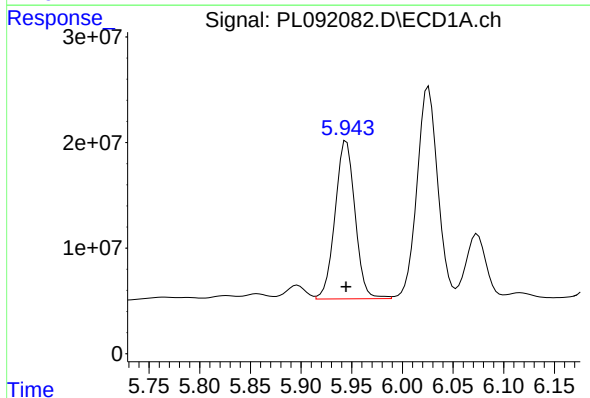
R.T.: 6.074 min  
Delta R.T.: 0.000 min  
Response: 83369553  
Conc: 36.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS



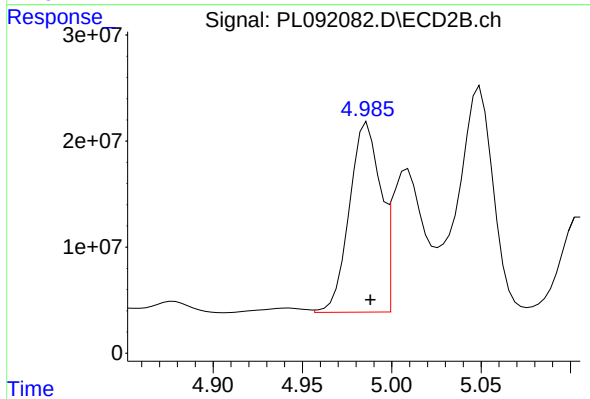
#9 Endosulfan I

R.T.: 5.105 min  
Delta R.T.: -0.003 min  
Response: 122539448  
Conc: 44.65 ng/ml



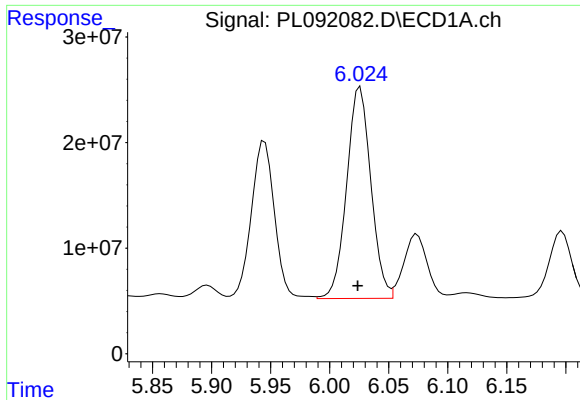
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 205179129  
Conc: 83.03 ng/ml



#10 gamma-Chlordane

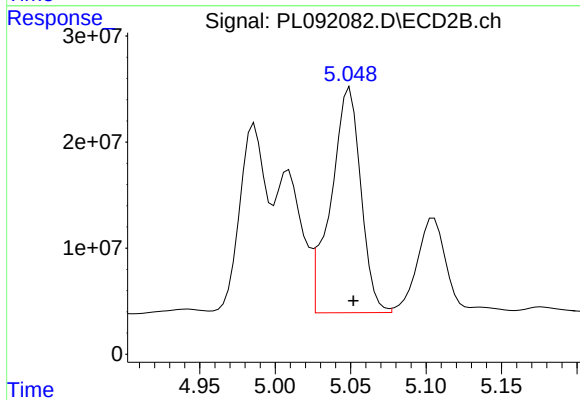
R.T.: 4.986 min  
Delta R.T.: -0.002 min  
Response: 215784783  
Conc: 71.72 ng/ml



#11 alpha-Chlordane

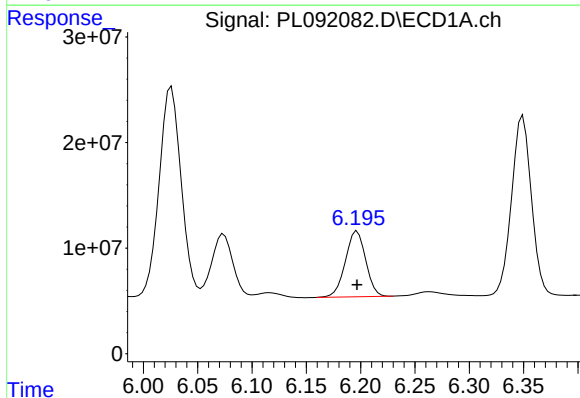
R.T.: 6.026 min  
Delta R.T.: 0.002 min  
Response: 286110580  
Conc: 116.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS



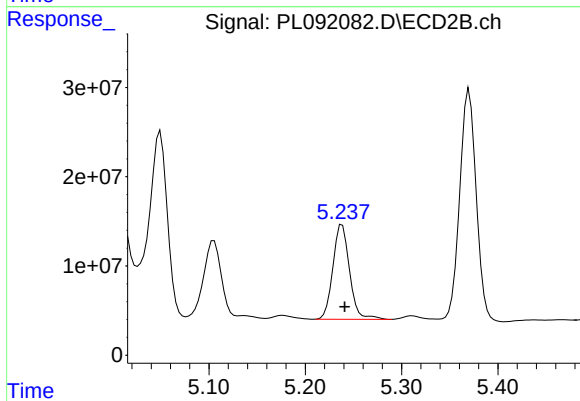
#11 alpha-Chlordane

R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 292737668  
Conc: 97.79 ng/ml



#12 4,4'-DDE

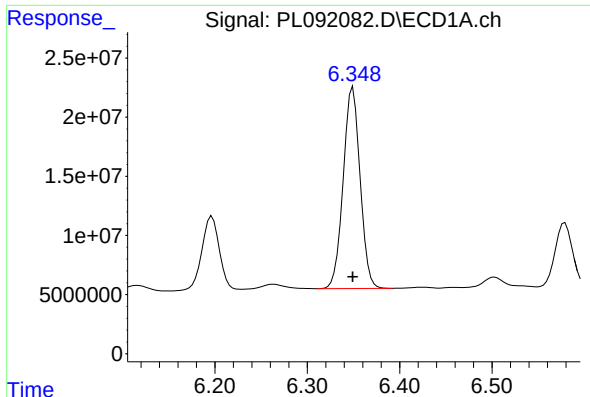
R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 80922061  
Conc: 37.39 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min  
Delta R.T.: -0.003 min  
Response: 127762165  
Conc: 45.98 ng/ml

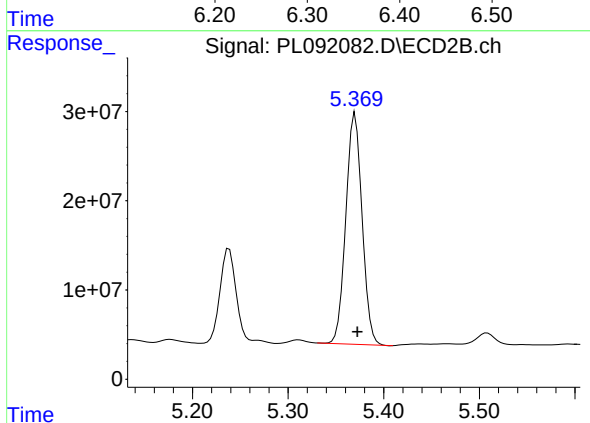




#13 Dieldrin

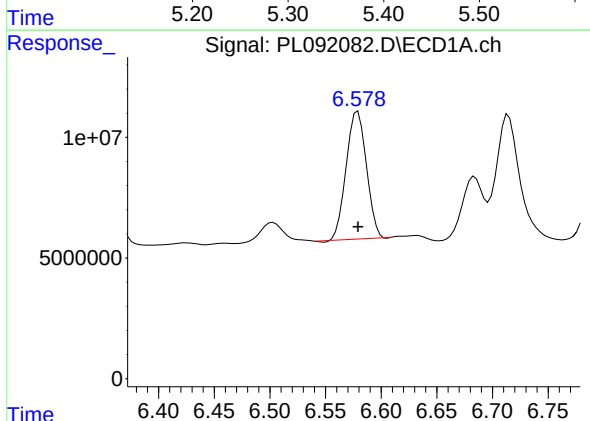
R.T.: 6.349 min  
Delta R.T.: 0.000 min  
Response: 216251753  
Conc: 88.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS



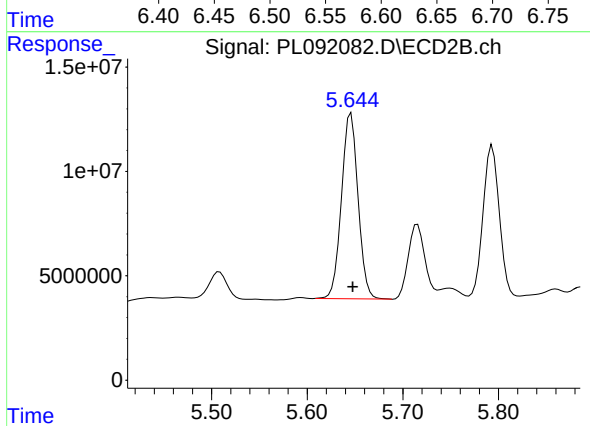
#13 Dieldrin

R.T.: 5.370 min  
Delta R.T.: -0.002 min  
Response: 306770765  
Conc: 104.63 ng/ml



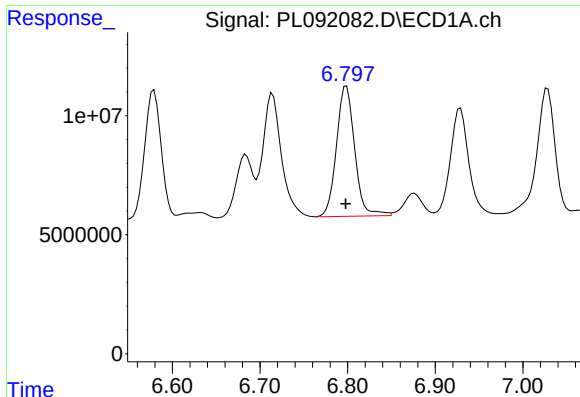
#14 Endrin

R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 66892325  
Conc: 32.46 ng/ml



#14 Endrin

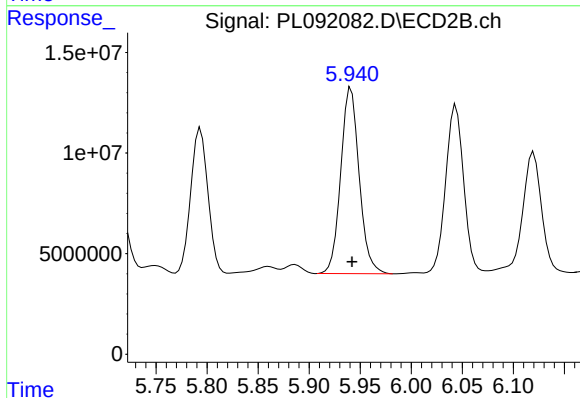
R.T.: 5.646 min  
Delta R.T.: -0.002 min  
Response: 107377138  
Conc: 40.95 ng/ml



#15 Endosulfan II

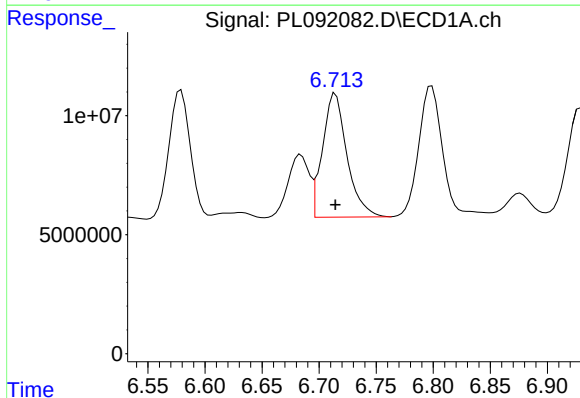
R.T.: 6.799 min  
Delta R.T.: 0.000 min  
Response: 79062878  
Conc: 35.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS



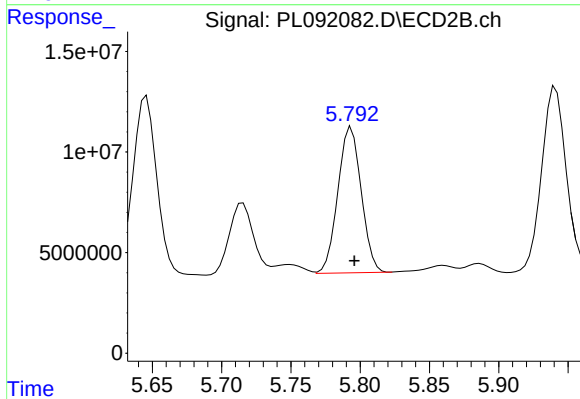
#15 Endosulfan II

R.T.: 5.941 min  
Delta R.T.: 0.000 min  
Response: 116129613  
Conc: 46.41 ng/ml



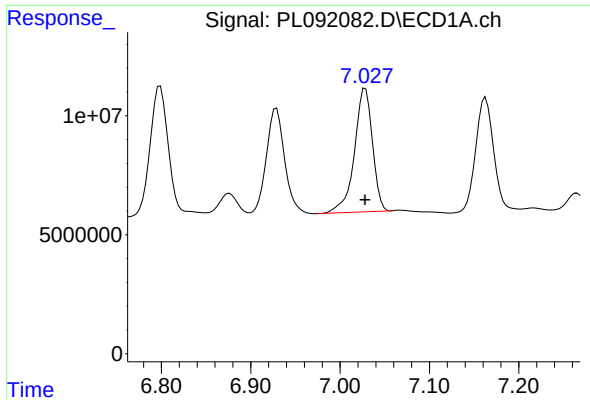
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 77404325  
Conc: 43.10 ng/ml



#16 4,4'-DDD

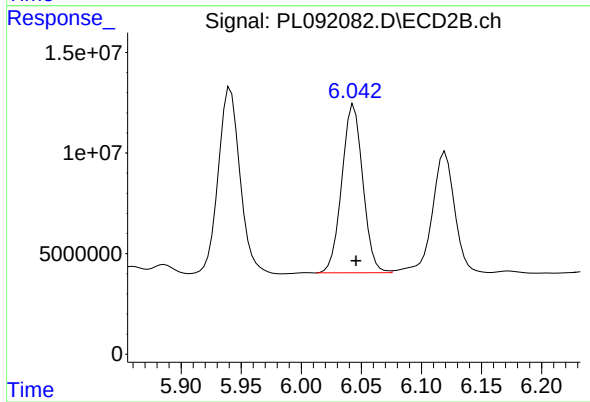
R.T.: 5.794 min  
Delta R.T.: -0.002 min  
Response: 85013023  
Conc: 39.80 ng/ml



#17 4,4'-DDT

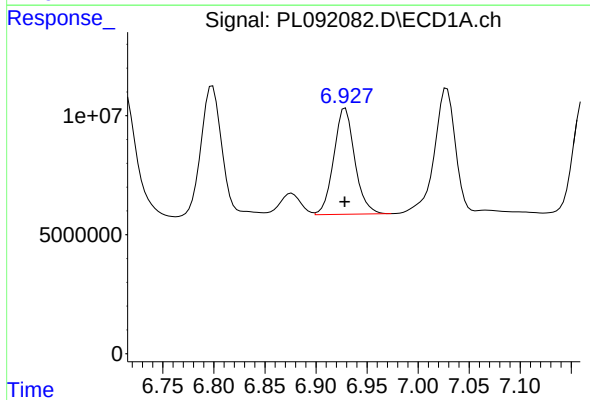
R.T.: 7.028 min  
Delta R.T.: 0.000 min  
Response: 72649999  
Conc: 39.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS



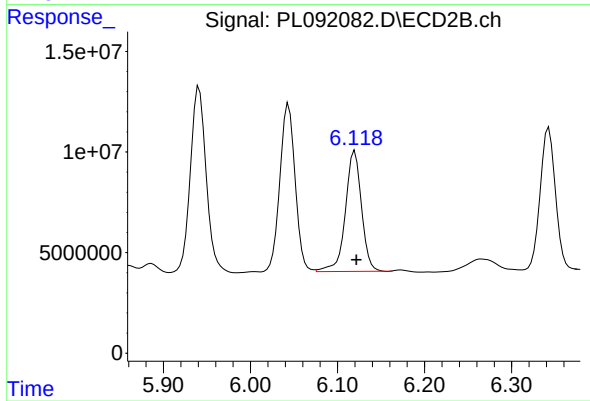
#17 4,4'-DDT

R.T.: 6.044 min  
Delta R.T.: -0.002 min  
Response: 101728169  
Conc: 43.98 ng/ml



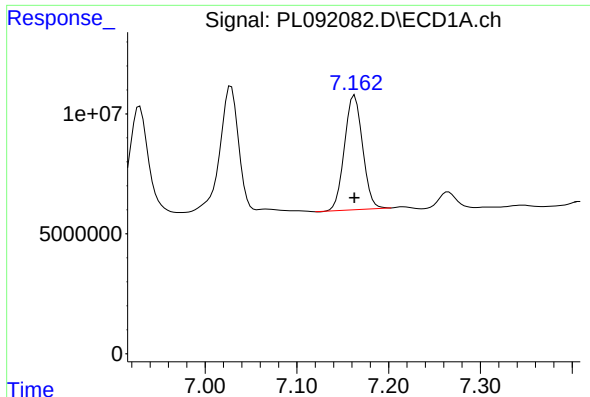
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: 0.000 min  
Response: 63744866  
Conc: 36.58 ng/ml



#18 Endrin aldehyde

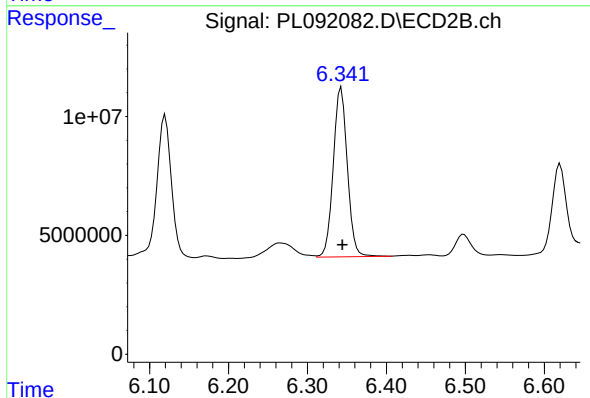
R.T.: 6.120 min  
Delta R.T.: -0.002 min  
Response: 76902230  
Conc: 37.68 ng/ml



#19 Endosulfan Sulfate

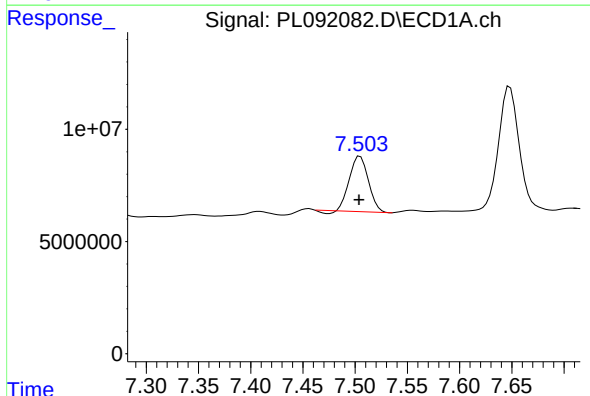
R.T.: 7.163 min  
Delta R.T.: 0.000 min  
Response: 65396846  
Conc: 32.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS



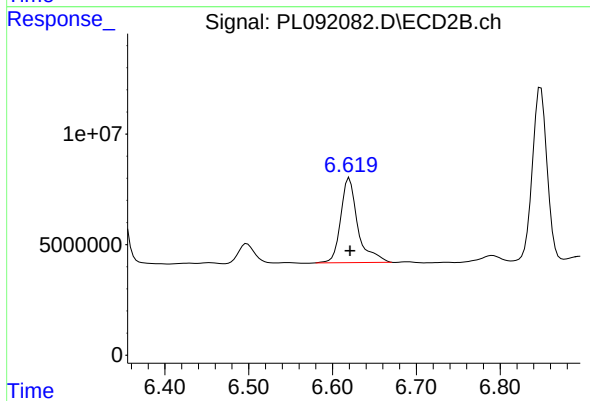
#19 Endosulfan Sulfate

R.T.: 6.343 min  
Delta R.T.: -0.001 min  
Response: 88223213  
Conc: 36.57 ng/ml



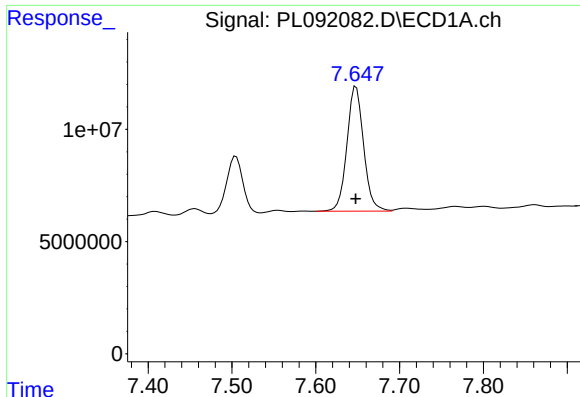
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: 0.001 min  
Response: 30552001  
Conc: 31.12 ng/ml



#20 Methoxychlor

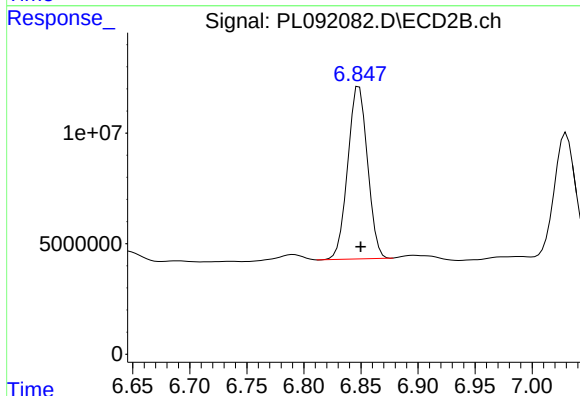
R.T.: 6.620 min  
Delta R.T.: 0.000 min  
Response: 54408044  
Conc: 43.51 ng/ml



#21 Endrin ketone

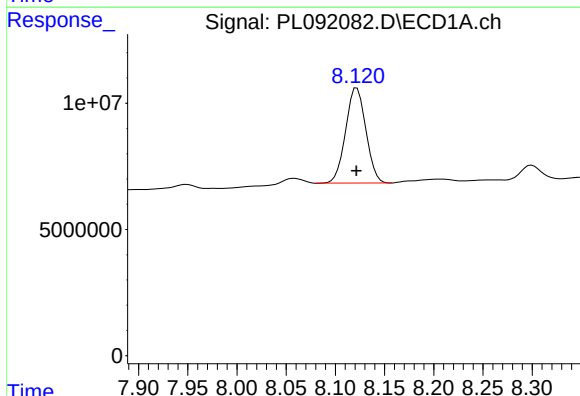
R.T.: 7.648 min  
Delta R.T.: 0.000 min  
Response: 77131517  
Conc: 35.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS



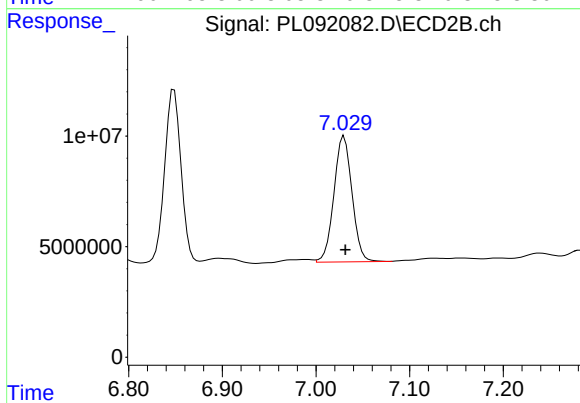
#21 Endrin ketone

R.T.: 6.848 min  
Delta R.T.: -0.001 min  
Response: 93875428  
Conc: 33.90 ng/ml



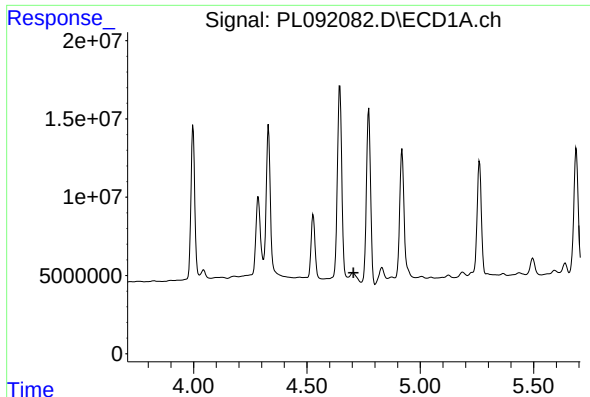
#22 Mirex

R.T.: 8.122 min  
Delta R.T.: 0.000 min  
Response: 53985887  
Conc: 29.98 ng/ml



#22 Mirex

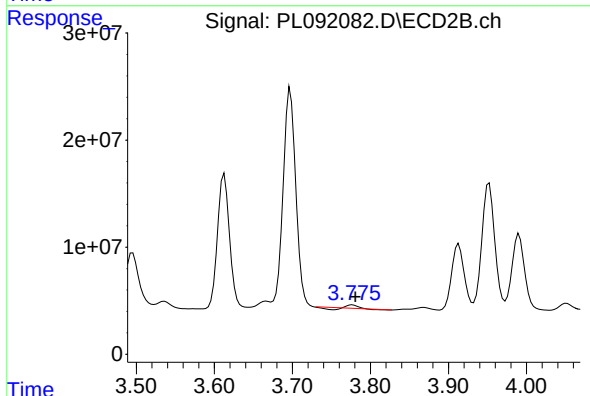
R.T.: 7.030 min  
Delta R.T.: -0.001 min  
Response: 76354894  
Conc: 31.39 ng/ml



#23 Chlordane-1

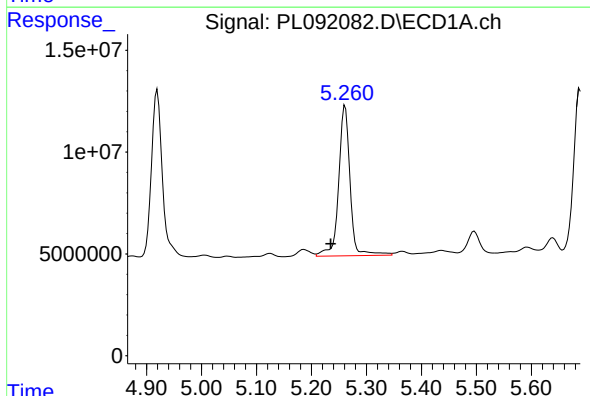
R.T.: 4.703 min  
Delta R.T.: -0.003 min  
Response: -29733813  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS



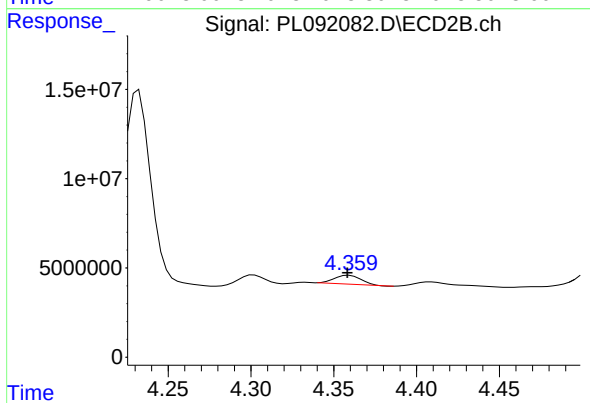
#23 Chlordane-1

R.T.: 3.777 min  
Delta R.T.: -0.004 min  
Response: 964491  
Conc: 9.65 ng/ml



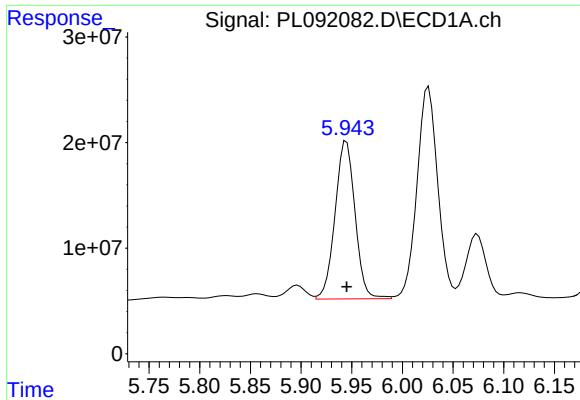
#24 Chlordane-2

R.T.: 5.261 min  
Delta R.T.: 0.026 min  
Response: 106858297  
Conc: 996.38 ng/ml



#24 Chlordane-2

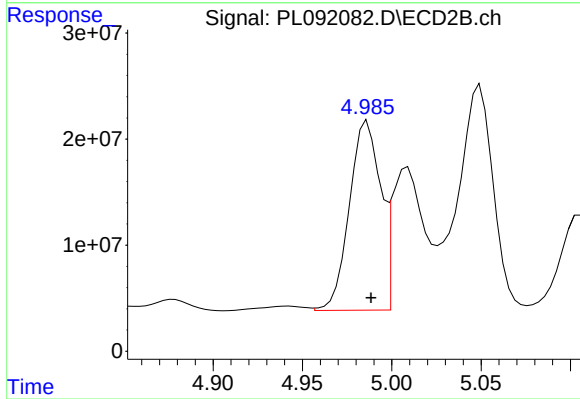
R.T.: 4.359 min  
Delta R.T.: 0.000 min  
Response: 5608544  
Conc: 49.98 ng/ml



#25 Chlordane-3

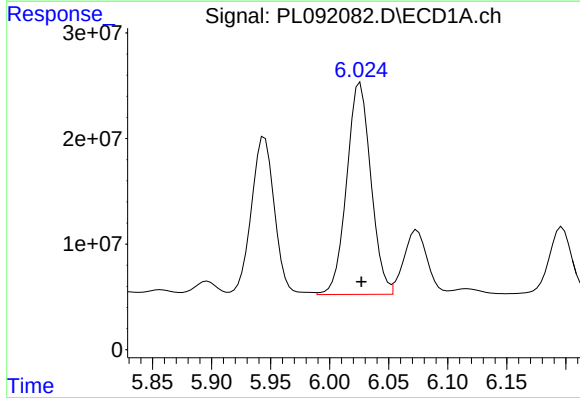
R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 205179129  
Conc: 547.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS



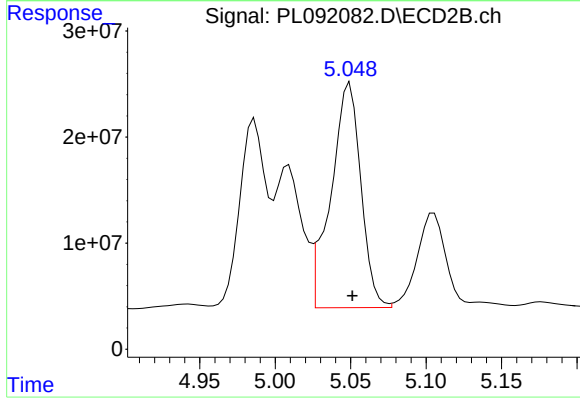
#25 Chlordane-3

R.T.: 4.986 min  
Delta R.T.: -0.002 min  
Response: 215784783  
Conc: 651.47 ng/ml



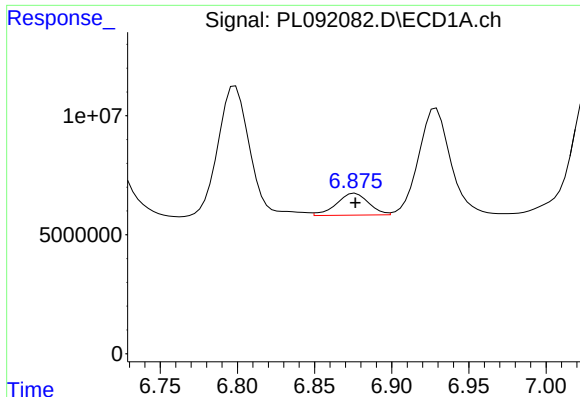
#26 Chlordane-4

R.T.: 6.026 min  
Delta R.T.: -0.001 min  
Response: 286110580  
Conc: 631.81 ng/ml



#26 Chlordane-4

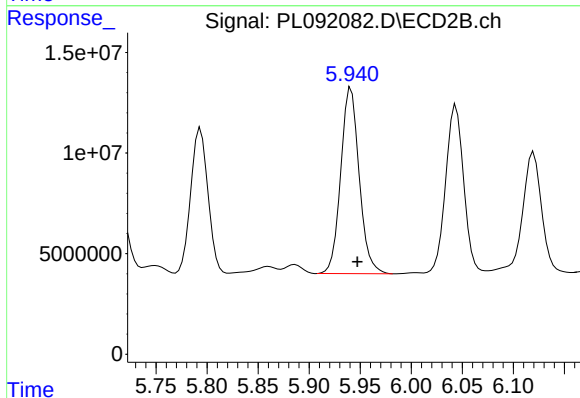
R.T.: 5.049 min  
Delta R.T.: -0.002 min  
Response: 292737668  
Conc: 922.64 ng/ml



#27 Chlordane-5

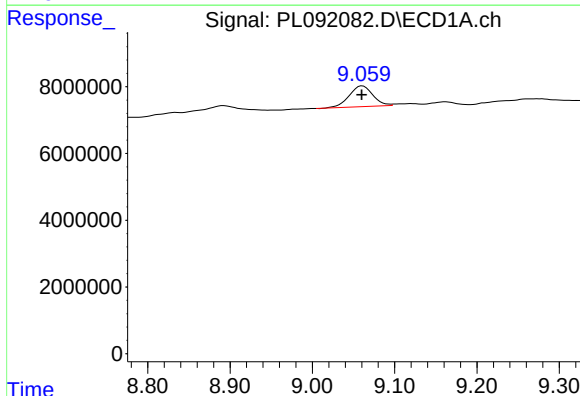
R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 13276264  
Conc: 152.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHRT-20425MS



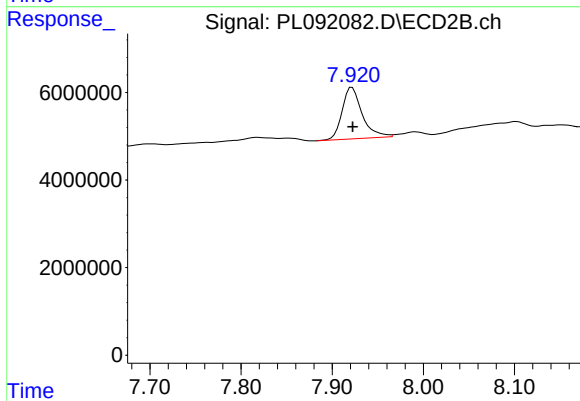
#27 Chlordane-5

R.T.: 5.941 min  
Delta R.T.: -0.006 min  
Response: 116129613  
Conc: 1070.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.000 min  
Response: 12357256  
Conc: 7.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.922 min  
Delta R.T.: 0.000 min  
Response: 17972673  
Conc: 7.18 ng/ml