

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110823\  
 Data File : PL086532.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2023 12:22  
 Operator : AR\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 12:40:44 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 08 11:38:24 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 | 169.4E6  | 51749117 | 52.163   | 52.556    |
| 28)                         | SA Decachlor... | 8.853  | 7.768 | 151.2E6  | 61786565 | 51.668   | 51.165    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.806  | 3.116 | 258.2E6  | 72459088 | 53.668   | 54.360    |
| 3)                          | MA gamma-BHC... | 4.137  | 3.443 | 249.1E6  | 71377989 | 52.942   | 53.784    |
| 4)                          | MA Heptachlor   | 4.724  | 3.779 | 240.6E6  | 70556271 | 52.731   | 52.708    |
| 5)                          | MB Aldrin       | 5.063  | 4.055 | 239.3E6  | 69196311 | 52.853   | 53.175    |
| 6)                          | B beta-BHC      | 4.341  | 3.745 | 102.5E6  | 30785178 | 50.693   | 51.649    |
| 7)                          | B delta-BHC     | 4.583  | 3.970 | 242.5E6  | 70790375 | 52.821   | 54.110    |
| 8)                          | B Heptachlo...  | 5.493  | 4.560 | 206.9E6  | 63246821 | 53.235   | 52.661    |
| 9)                          | A Endosulfan I  | 5.877  | 4.927 | 194.1E6  | 59581966 | 51.731   | 51.818    |
| 10)                         | B gamma-Chl...  | 5.751  | 4.811 | 211.3E6  | 64662710 | 51.574   | 52.410    |
| 11)                         | B alpha-Chl...  | 5.830  | 4.875 | 210.8E6  | 65044828 | 51.917   | 52.016    |
| 12)                         | B 4,4'-DDE      | 6.014  | 5.074 | 180.3E6  | 54716639 | 51.991   | 53.303    |
| 13)                         | MA Dieldrin     | 6.154  | 5.193 | 206.8E6  | 63487112 | 52.585   | 53.208    |
| 14)                         | MA Endrin       | 6.383  | 5.466 | 178.2E6  | 57436778 | 51.741   | 52.438    |
| 15)                         | B Endosulfa...  | 6.606  | 5.764 | 179.1E6  | 57480396 | 50.377   | 52.371    |
| 16)                         | A 4,4'-DDD      | 6.534  | 5.630 | 139.0E6  | 44847512 | 52.190   | 52.639    |
| 17)                         | MA 4,4'-DDT     | 6.848  | 5.881 | 155.0E6  | 51851280 | 52.289   | 53.041    |
| 18)                         | B Endrin al...  | 6.737  | 5.946 | 138.7E6  | 47101119 | 52.304   | 50.281    |
| 19)                         | B Endosulfa...  | 6.973  | 6.170 | 171.0E6  | 56482293 | 50.951   | 52.001    |
| 20)                         | A Methoxychlor  | 7.335  | 6.466 | 81949441 | 30744497 | 51.351   | 51.398    |
| 21)                         | B Endrin ke...  | 7.455  | 6.672 | 179.8E6  | 68244308 | 52.762   | 53.261    |
| 22)                         | Mirex           | 7.928  | 6.849 | 142.6E6  | 57641113 | 50.483   | 50.708    |
| 23)                         | Chlordane-1     | 0.000  | 3.599 | 0        | 13138    | N.D.     | 0.375 #   |
| 24)                         | Chlordane-2     | 5.063f | 4.196 | 239.3E6  | 106511   | 1578.717 | 2.358 #   |
| 25)                         | Chlordane-3     | 5.751  | 4.811 | 211.3E6  | 64662710 | 365.312  | 548.397 # |
| 26)                         | Chlordane-4     | 5.830  | 4.875 | 210.8E6  | 65044828 | 294.827  | 509.457 # |
| -----                       |                 |        |       |          |          |          |           |

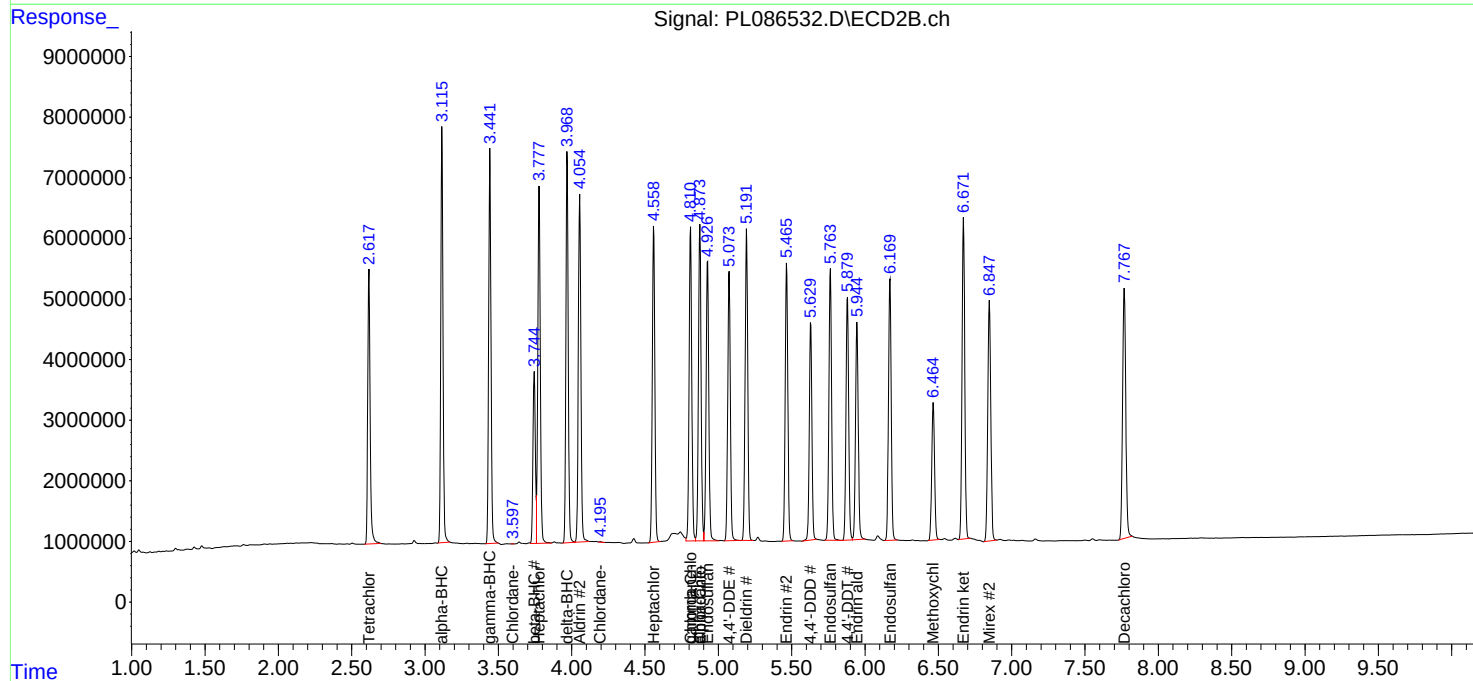
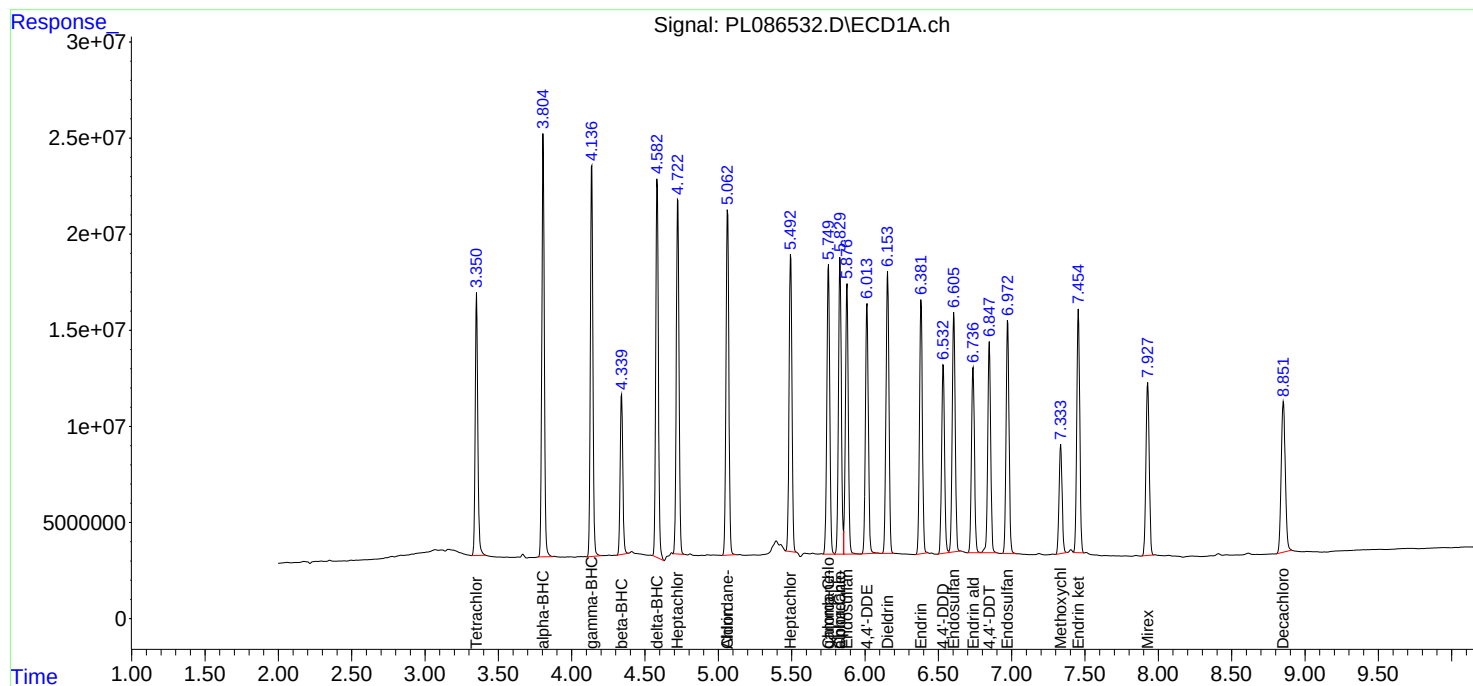
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

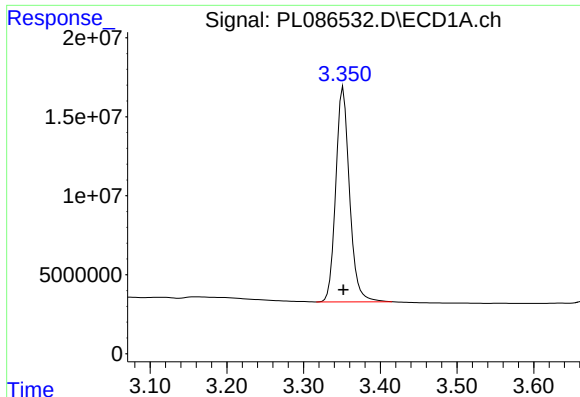
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110823\  
Data File : PL086532.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2023 12:22  
Operator : AR\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 12:40:44 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL110823.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 08 11:38:24 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

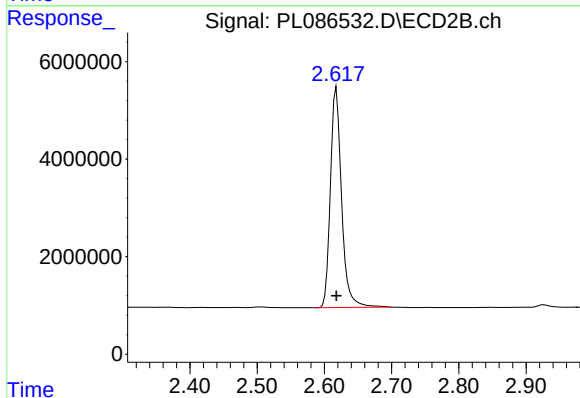




#1 Tetrachloro-m-xylene

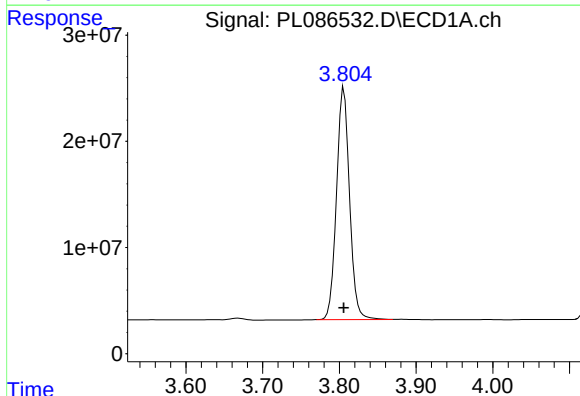
R.T.: 3.352 min  
Delta R.T.: 0.000 min  
Response: 169375409  
Conc: 52.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



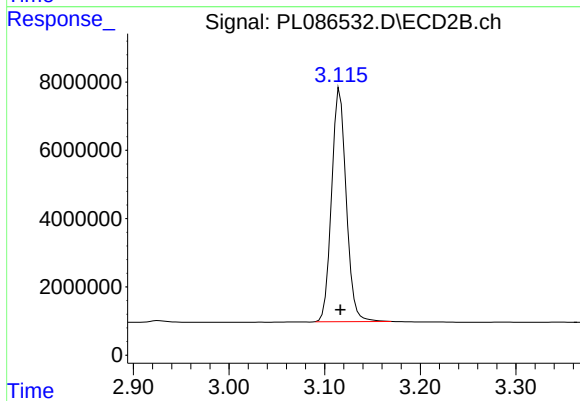
#1 Tetrachloro-m-xylene

R.T.: 2.618 min  
Delta R.T.: 0.000 min  
Response: 51749117  
Conc: 52.56 ng/ml



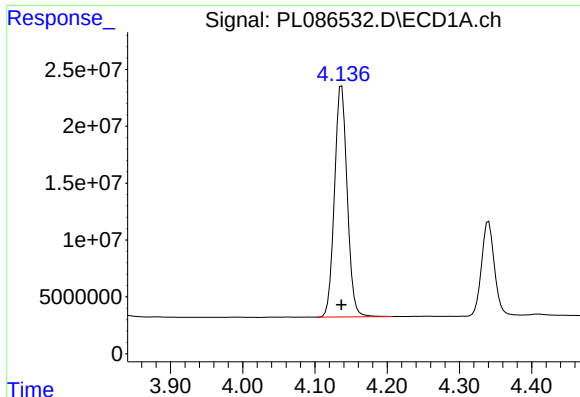
#2 alpha-BHC

R.T.: 3.806 min  
Delta R.T.: 0.000 min  
Response: 258167577  
Conc: 53.67 ng/ml



#2 alpha-BHC

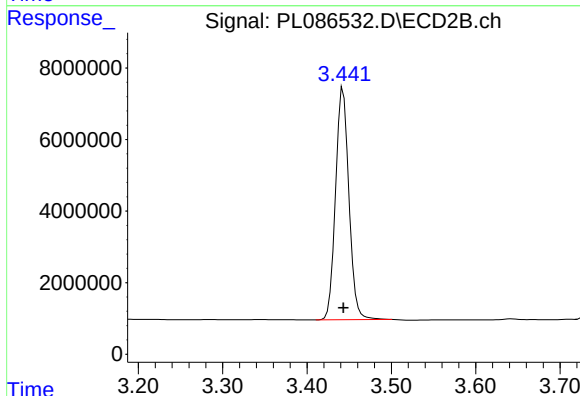
R.T.: 3.116 min  
Delta R.T.: 0.000 min  
Response: 72459088  
Conc: 54.36 ng/ml



#3 gamma-BHC (Lindane)

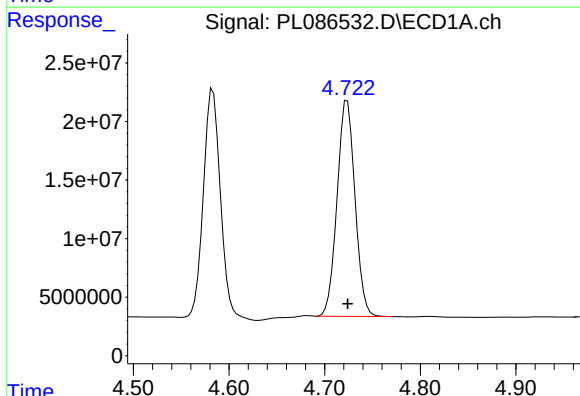
R.T.: 4.137 min  
Delta R.T.: 0.000 min  
Response: 249072639  
Conc: 52.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



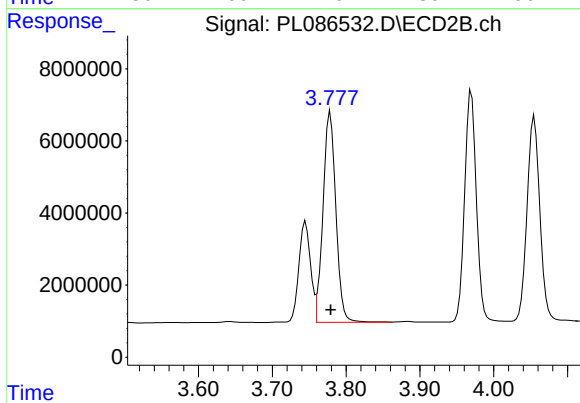
#3 gamma-BHC (Lindane)

R.T.: 3.443 min  
Delta R.T.: 0.000 min  
Response: 71377989  
Conc: 53.78 ng/ml



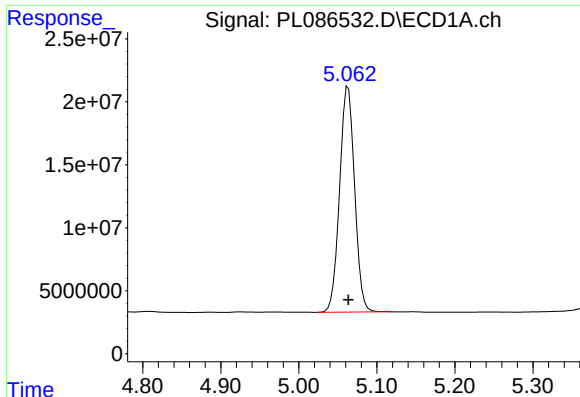
#4 Heptachlor

R.T.: 4.724 min  
Delta R.T.: 0.000 min  
Response: 240554830  
Conc: 52.73 ng/ml



#4 Heptachlor

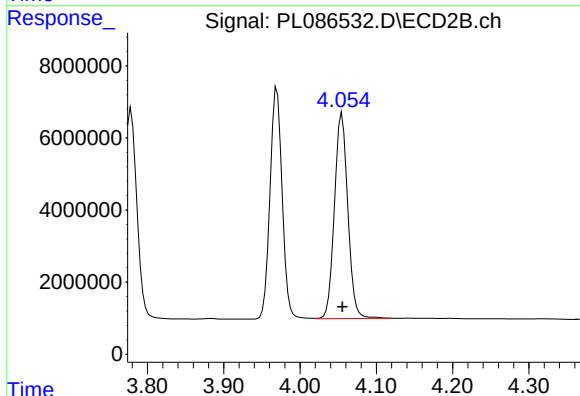
R.T.: 3.779 min  
Delta R.T.: 0.000 min  
Response: 70556271  
Conc: 52.71 ng/ml



#5 Aldrin

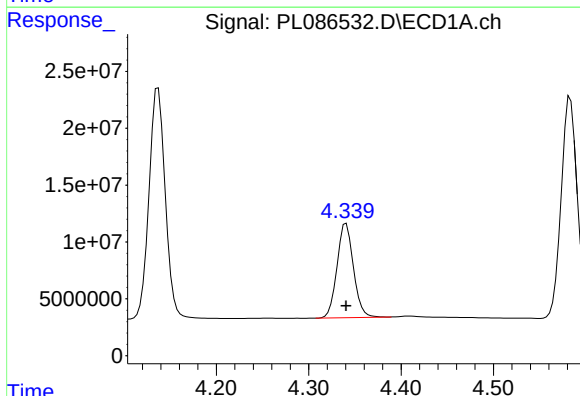
R.T.: 5.063 min  
Delta R.T.: 0.000 min  
Response: 239287450  
Conc: 52.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



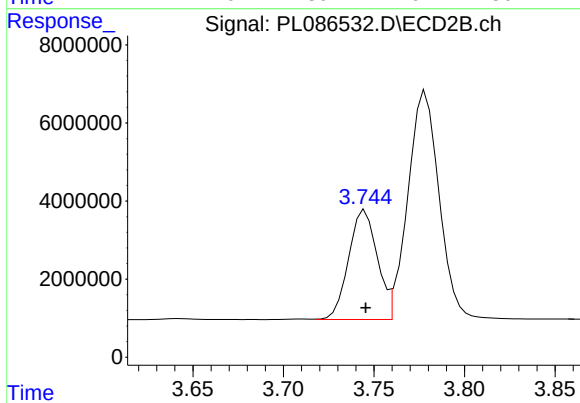
#5 Aldrin

R.T.: 4.055 min  
Delta R.T.: 0.000 min  
Response: 69196311  
Conc: 53.17 ng/ml



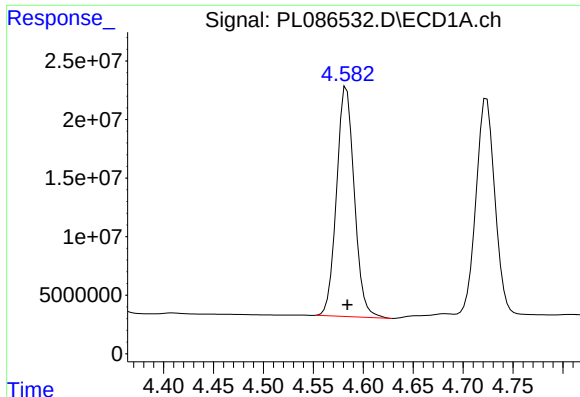
#6 beta-BHC

R.T.: 4.341 min  
Delta R.T.: 0.000 min  
Response: 102529572  
Conc: 50.69 ng/ml



#6 beta-BHC

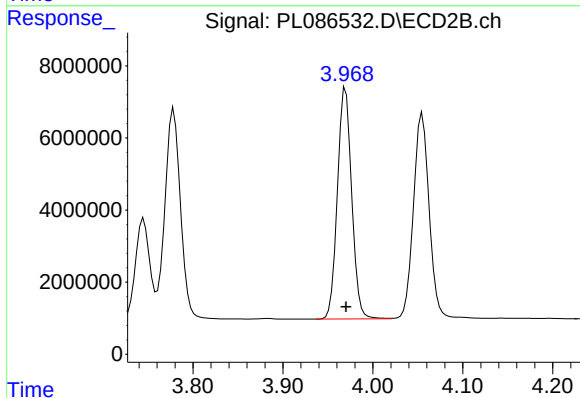
R.T.: 3.745 min  
Delta R.T.: 0.000 min  
Response: 30785178  
Conc: 51.65 ng/ml



#7 delta-BHC

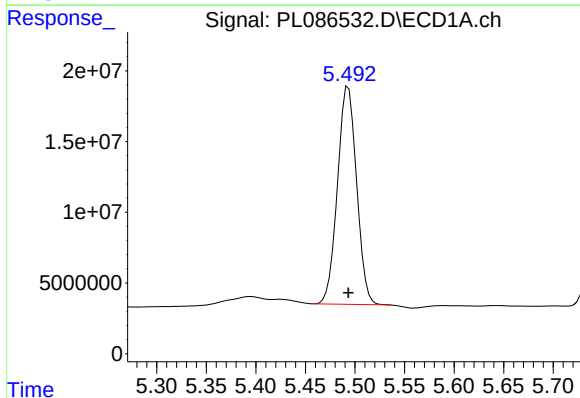
R.T.: 4.583 min  
Delta R.T.: 0.000 min  
Response: 242519556  
Conc: 52.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



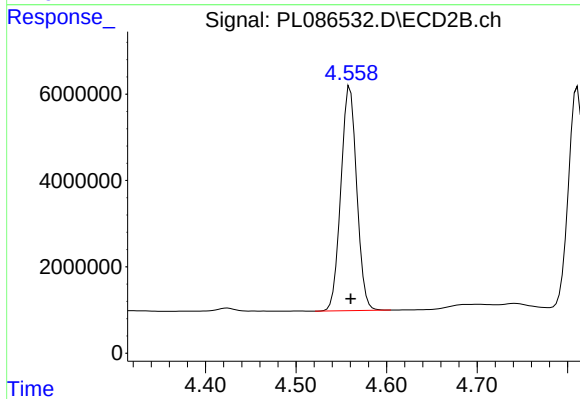
#7 delta-BHC

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 70790375  
Conc: 54.11 ng/ml



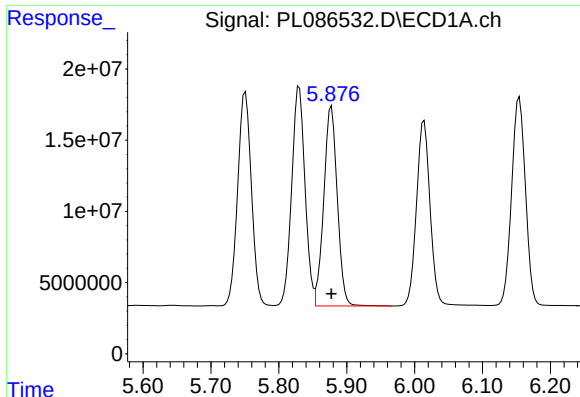
#8 Heptachlor epoxide

R.T.: 5.493 min  
Delta R.T.: 0.000 min  
Response: 206942345  
Conc: 53.23 ng/ml



#8 Heptachlor epoxide

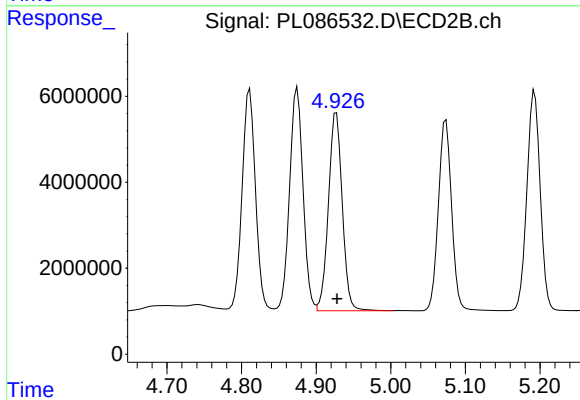
R.T.: 4.560 min  
Delta R.T.: 0.000 min  
Response: 63246821  
Conc: 52.66 ng/ml



#9 Endosulfan I

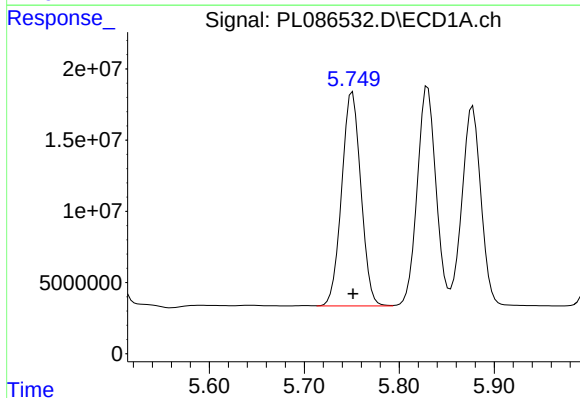
R.T.: 5.877 min  
Delta R.T.: 0.000 min  
Response: 194072598  
Conc: 51.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



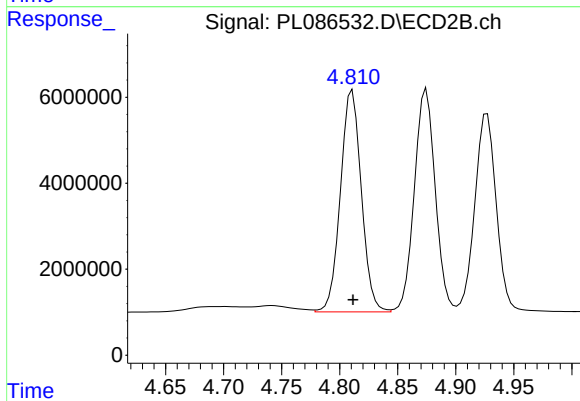
#9 Endosulfan I

R.T.: 4.927 min  
Delta R.T.: 0.000 min  
Response: 59581966  
Conc: 51.82 ng/ml



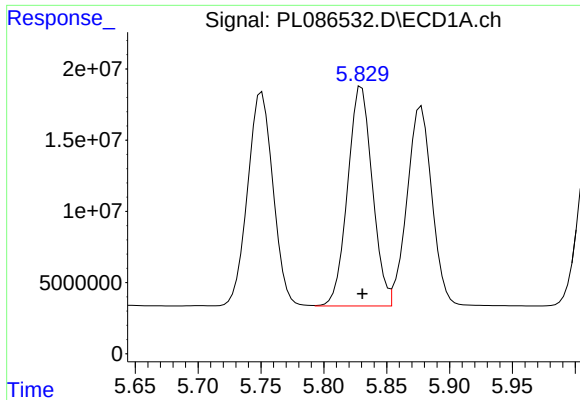
#10 gamma-Chlordane

R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 211310377  
Conc: 51.57 ng/ml



#10 gamma-Chlordane

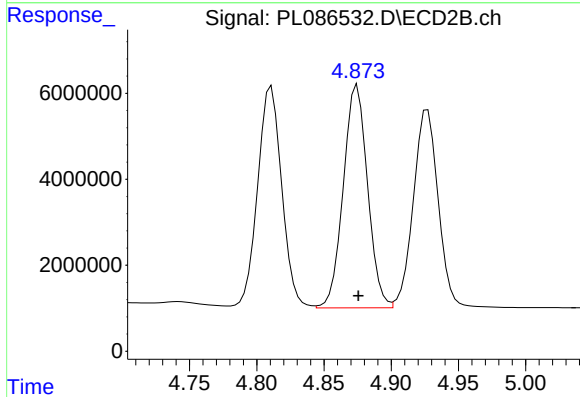
R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 64662710  
Conc: 52.41 ng/ml



#11 alpha-Chlordane

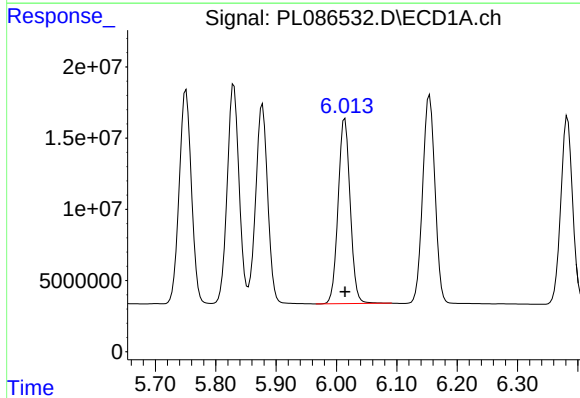
R.T.: 5.830 min  
Delta R.T.: 0.000 min  
Response: 210780272  
Conc: 51.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



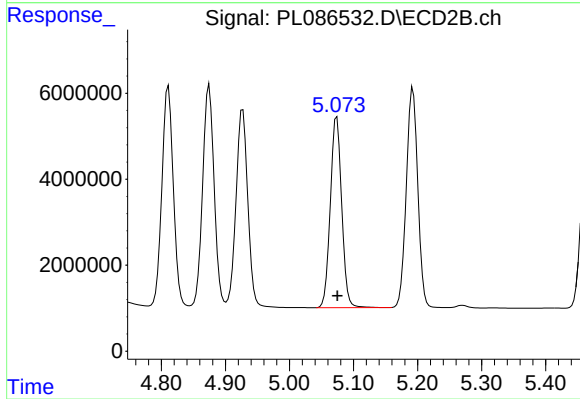
#11 alpha-Chlordane

R.T.: 4.875 min  
Delta R.T.: 0.000 min  
Response: 65044828  
Conc: 52.02 ng/ml



#12 4,4'-DDE

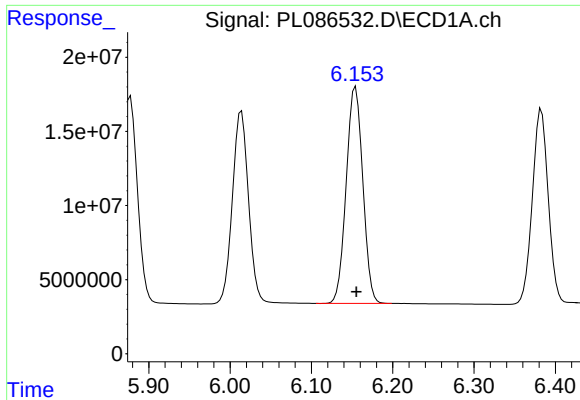
R.T.: 6.014 min  
Delta R.T.: 0.000 min  
Response: 180321103  
Conc: 51.99 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min  
Delta R.T.: -0.001 min  
Response: 54716639  
Conc: 53.30 ng/ml

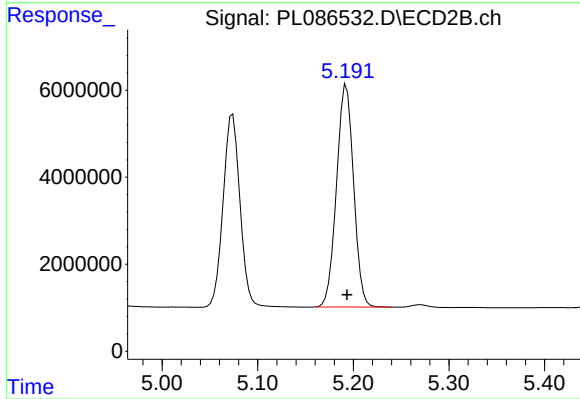




#13 Dieldrin

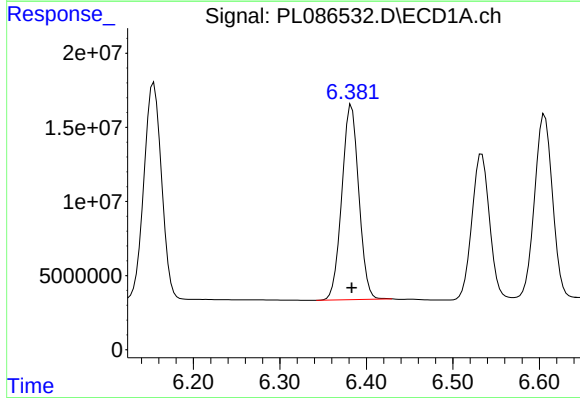
R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 206763405  
Conc: 52.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



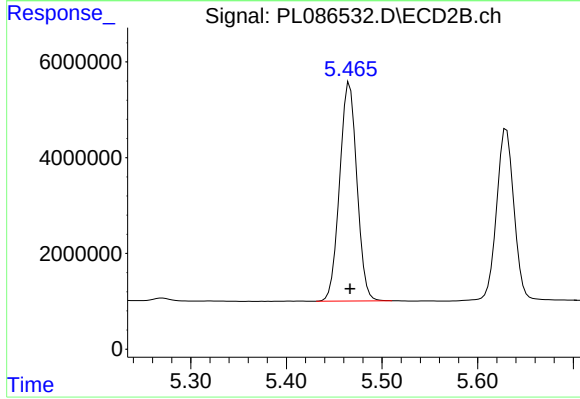
#13 Dieldrin

R.T.: 5.193 min  
Delta R.T.: 0.000 min  
Response: 63487112  
Conc: 53.21 ng/ml



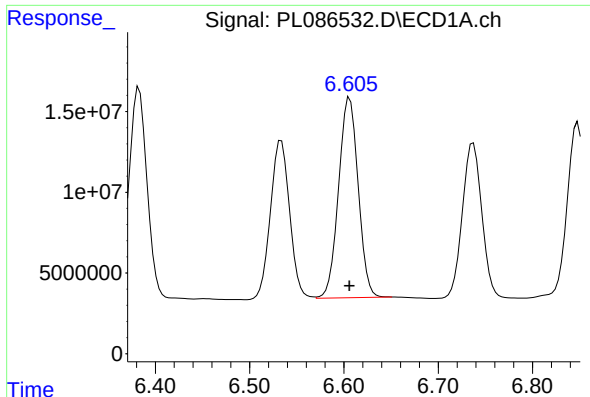
#14 Endrin

R.T.: 6.383 min  
Delta R.T.: 0.000 min  
Response: 178214425  
Conc: 51.74 ng/ml



#14 Endrin

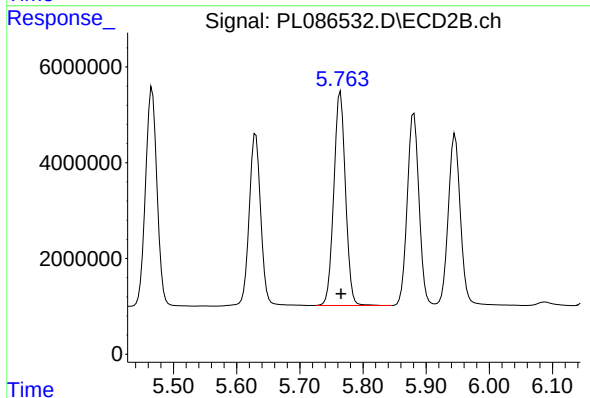
R.T.: 5.466 min  
Delta R.T.: 0.000 min  
Response: 57436778  
Conc: 52.44 ng/ml



#15 Endosulfan II

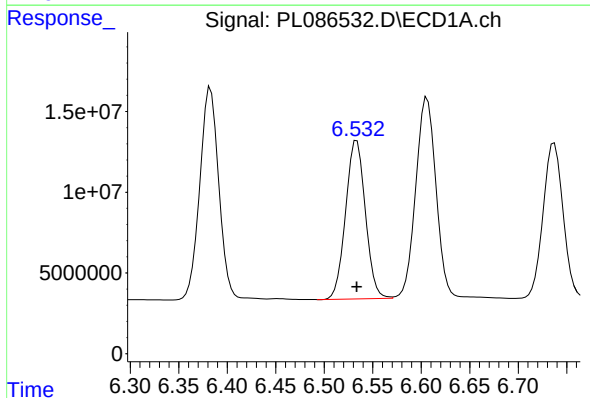
R.T.: 6.606 min  
Delta R.T.: 0.000 min  
Response: 179060960  
Conc: 50.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



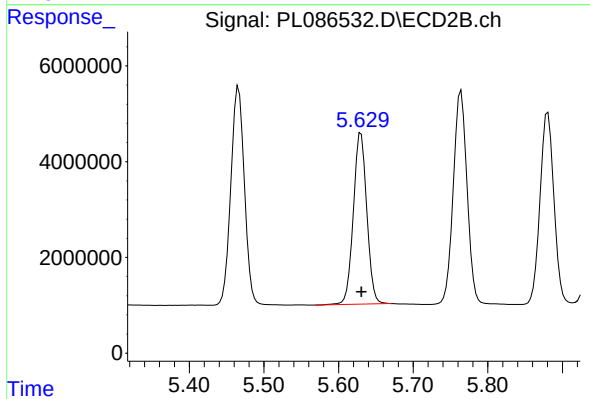
#15 Endosulfan II

R.T.: 5.764 min  
Delta R.T.: 0.000 min  
Response: 57480396  
Conc: 52.37 ng/ml



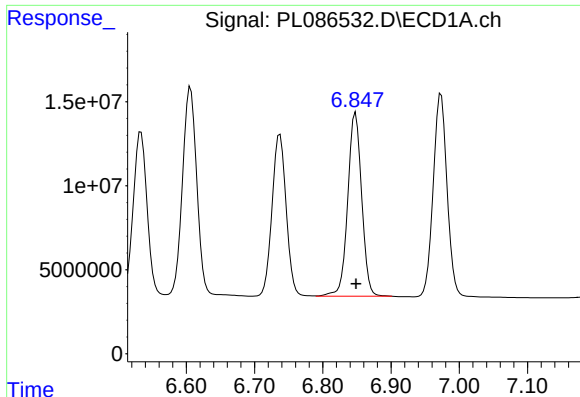
#16 4,4'-DDD

R.T.: 6.534 min  
Delta R.T.: 0.000 min  
Response: 138970559  
Conc: 52.19 ng/ml



#16 4,4'-DDD

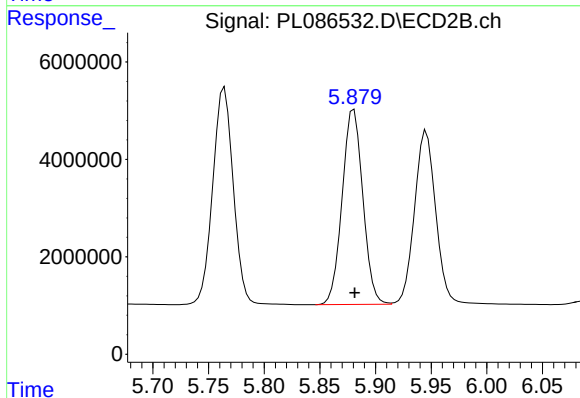
R.T.: 5.630 min  
Delta R.T.: 0.000 min  
Response: 44847512  
Conc: 52.64 ng/ml



#17 4,4'-DDT

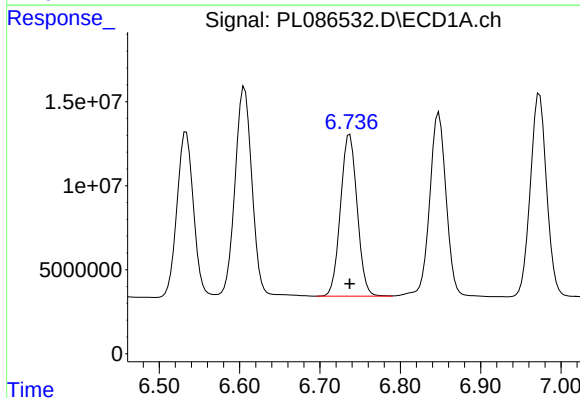
R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 155001163  
Conc: 52.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



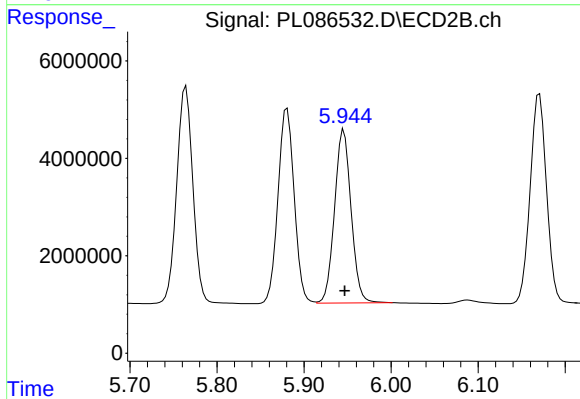
#17 4,4'-DDT

R.T.: 5.881 min  
Delta R.T.: 0.000 min  
Response: 51851280  
Conc: 53.04 ng/ml



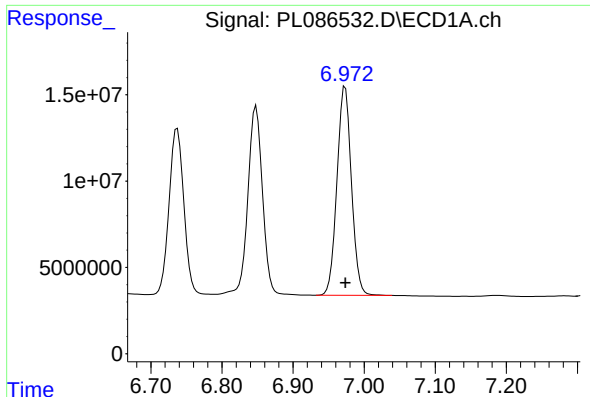
#18 Endrin aldehyde

R.T.: 6.737 min  
Delta R.T.: 0.000 min  
Response: 138664911  
Conc: 52.30 ng/ml



#18 Endrin aldehyde

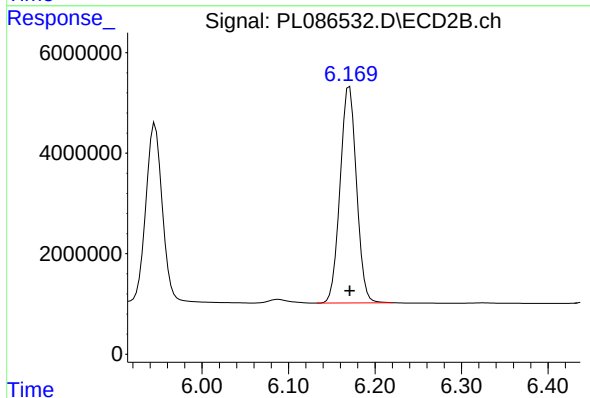
R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 47101119  
Conc: 50.28 ng/ml



#19 Endosulfan Sulfate

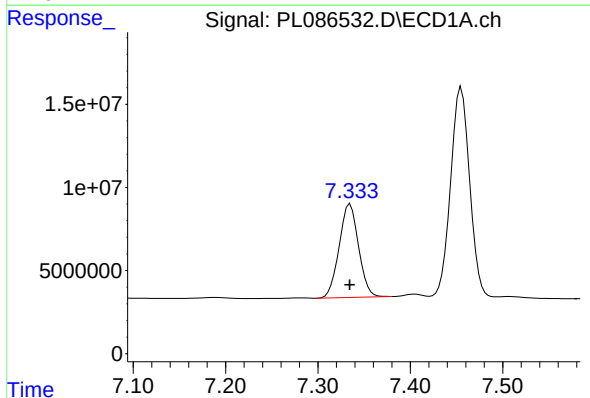
R.T.: 6.973 min  
Delta R.T.: 0.000 min  
Response: 171007940  
Conc: 50.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



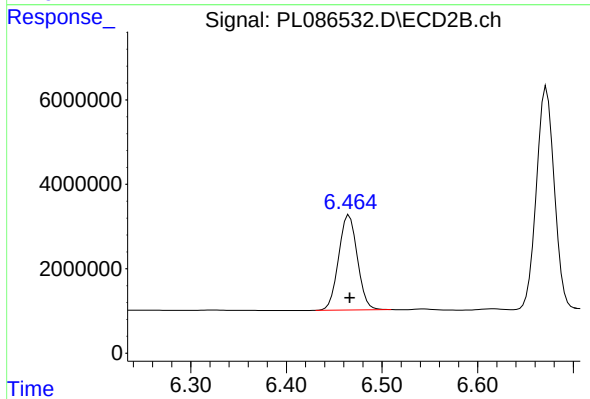
#19 Endosulfan Sulfate

R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 56482293  
Conc: 52.00 ng/ml



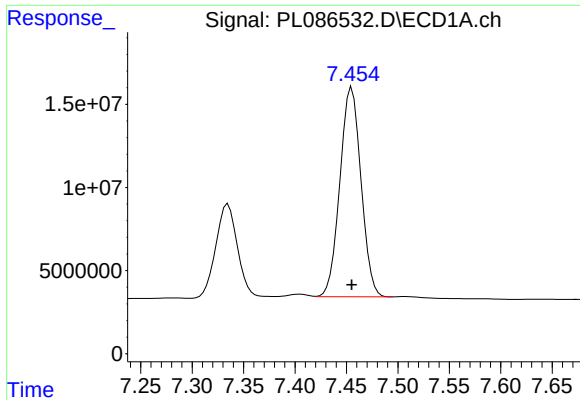
#20 Methoxychlor

R.T.: 7.335 min  
Delta R.T.: 0.000 min  
Response: 81949441  
Conc: 51.35 ng/ml



#20 Methoxychlor

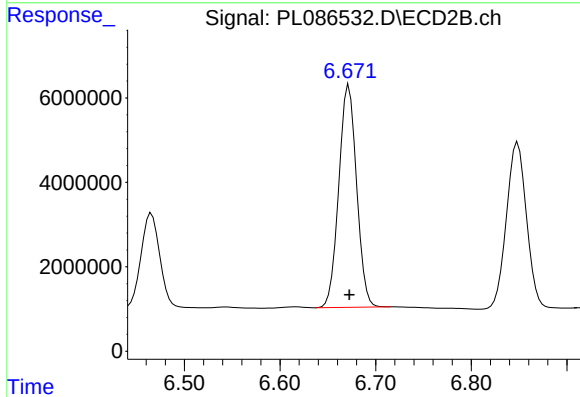
R.T.: 6.466 min  
Delta R.T.: 0.000 min  
Response: 30744497  
Conc: 51.40 ng/ml



#21 Endrin ketone

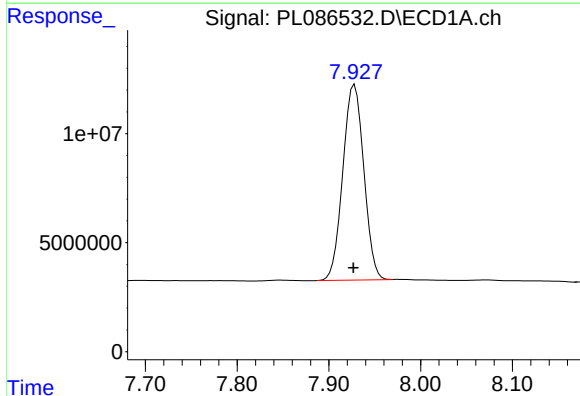
R.T.: 7.455 min  
Delta R.T.: 0.000 min  
Response: 179816515  
Conc: 52.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



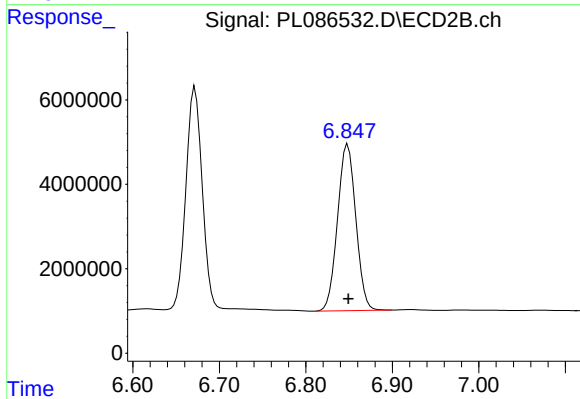
#21 Endrin ketone

R.T.: 6.672 min  
Delta R.T.: 0.000 min  
Response: 68244308  
Conc: 53.26 ng/ml



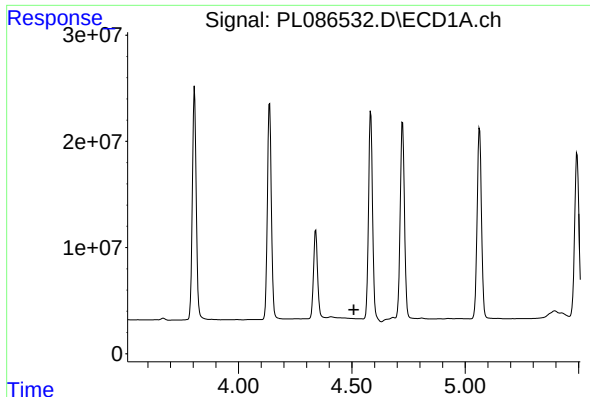
#22 Mirex

R.T.: 7.928 min  
Delta R.T.: 0.002 min  
Response: 142570012  
Conc: 50.48 ng/ml



#22 Mirex

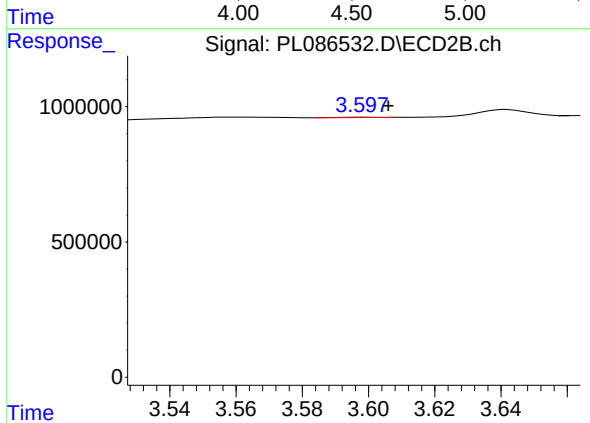
R.T.: 6.849 min  
Delta R.T.: 0.000 min  
Response: 57641113  
Conc: 50.71 ng/ml



#23 Chlordane-1

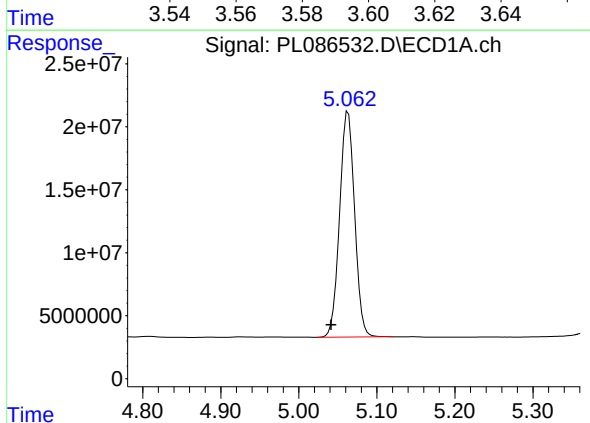
R.T.: 0.000 min  
Exp R.T.: 4.509 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



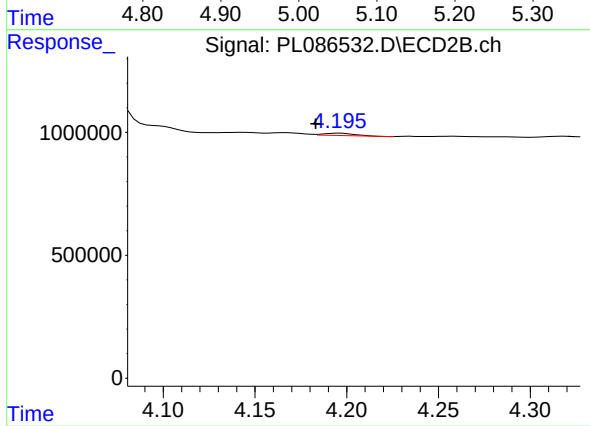
#23 Chlordane-1

R.T.: 3.599 min  
Delta R.T.: -0.007 min  
Response: 13138  
Conc: 0.37 ng/ml



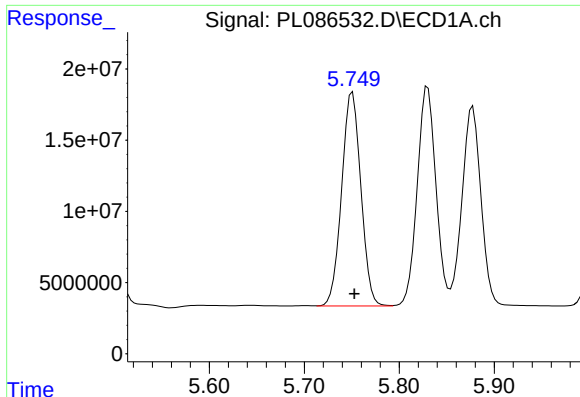
#24 Chlordane-2

R.T.: 5.063 min  
Delta R.T.: 0.022 min  
Response: 239287450  
Conc: 1578.72 ng/ml



#24 Chlordane-2

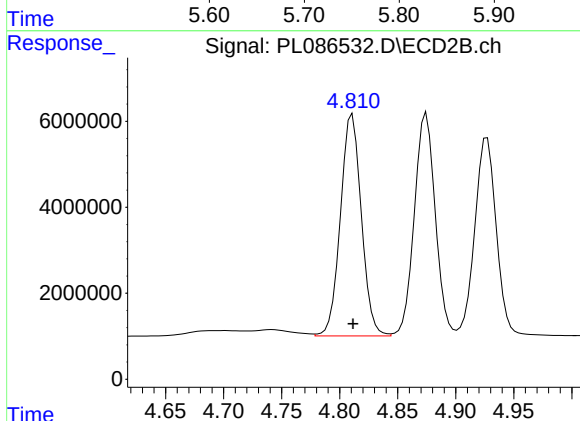
R.T.: 4.196 min  
Delta R.T.: 0.013 min  
Response: 106511  
Conc: 2.36 ng/ml



#25 Chlordane-3

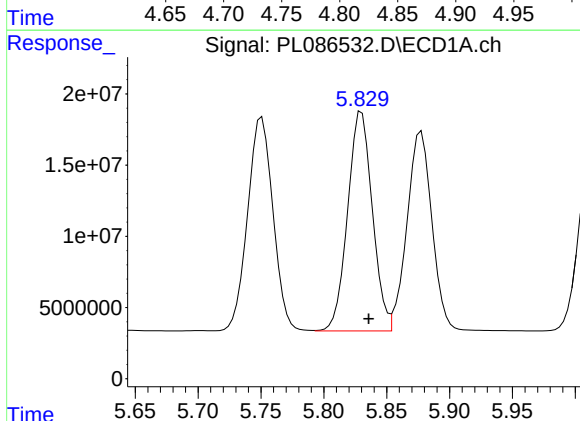
R.T.: 5.751 min  
Delta R.T.: -0.002 min  
Response: 211310377  
Conc: 365.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



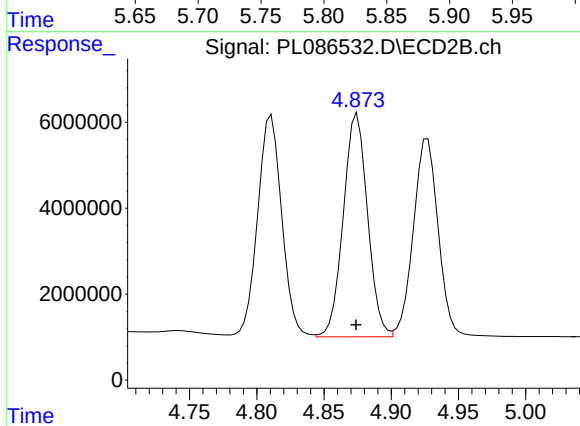
#25 Chlordane-3

R.T.: 4.811 min  
Delta R.T.: 0.000 min  
Response: 64662710  
Conc: 548.40 ng/ml



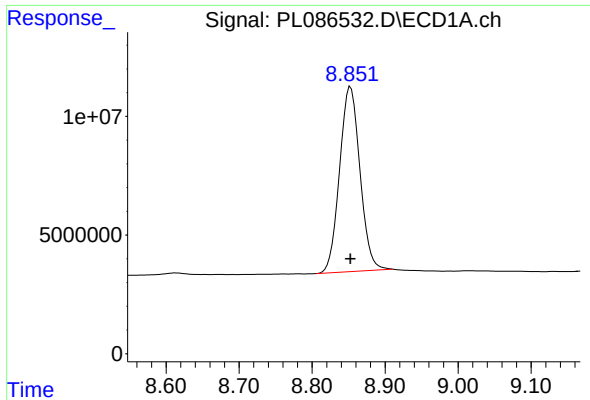
#26 Chlordane-4

R.T.: 5.830 min  
Delta R.T.: -0.005 min  
Response: 210780272  
Conc: 294.83 ng/ml



#26 Chlordane-4

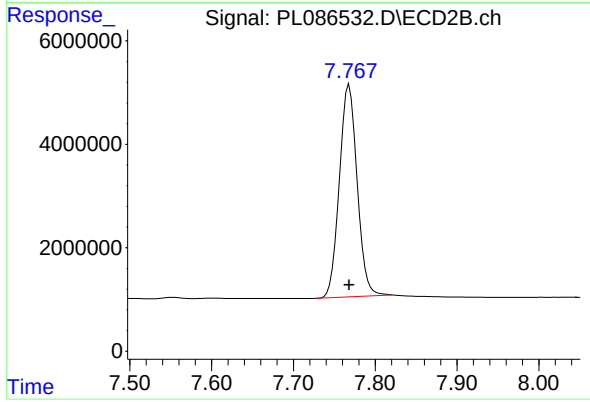
R.T.: 4.875 min  
Delta R.T.: 0.000 min  
Response: 65044828  
Conc: 509.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.853 min  
Delta R.T.: 0.000 min  
Response: 151239881  
Conc: 51.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.768 min  
Delta R.T.: 0.000 min  
Response: 61786565  
Conc: 51.16 ng/ml