

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092623\  
 Data File : PL085509.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2023 14:01  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 26 21:25:31 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092523.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 26 01:26:21 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... | 3.419 | 2.651 | 118.8E6  | 53300330 | 46.183  | 46.975    |
| 28)                         | SA Decachlor... | 8.947 | 7.826 | 98399322 | 56011713 | 47.949  | 47.177    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.876 | 3.154 | 174.3E6  | 79258147 | 47.726  | 47.928    |
| 3)                          | MA gamma-BHC... | 4.209 | 3.483 | 171.1E6  | 76978195 | 48.238  | 48.009    |
| 4)                          | MA Heptachlor   | 4.798 | 3.822 | 158.2E6  | 74317484 | 46.862  | 48.623    |
| 5)                          | MB Aldrin       | 5.139 | 4.101 | 155.0E6  | 74283505 | 46.205  | 48.679    |
| 6)                          | B beta-BHC      | 4.410 | 3.786 | 67132208 | 31293830 | 42.989  | 46.398    |
| 7)                          | B delta-BHC     | 4.654 | 4.013 | 151.6E6  | 74785147 | 44.083  | 48.300    |
| 8)                          | B Heptachlo...  | 5.568 | 4.607 | 118.9E6  | 64127675 | 41.427  | 47.576    |
| 9)                          | A Endosulfan I  | 5.953 | 4.976 | 128.5E6  | 61241535 | 47.035  | 47.937    |
| 10)                         | B gamma-Chl...  | 5.826 | 4.859 | 135.5E6  | 66322718 | 46.674  | 49.444    |
| 11)                         | B alpha-Chl...  | 5.905 | 4.924 | 134.5E6  | 67116999 | 46.586  | 48.817    |
| 12)                         | B 4,4'-DDE      | 6.086 | 5.123 | 116.4E6  | 58902441 | 46.859  | 48.928    |
| 13)                         | MA Dieldrin     | 6.230 | 5.243 | 132.4E6  | 67175897 | 46.680  | 49.158    |
| 14)                         | MA Endrin       | 6.459 | 5.518 | 114.7E6  | 60921702 | 48.148  | 50.447    |
| 15)                         | B Endosulfa...  | 6.681 | 5.817 | 131.2E6  | 58728820 | 50.221  | 48.745    |
| 16)                         | A 4,4'-DDD      | 6.606 | 5.681 | 96129729 | 48973420 | 47.931  | 48.831    |
| 17)                         | MA 4,4'-DDT     | 6.921 | 5.933 | 103.5E6  | 55990015 | 49.314  | 52.143    |
| 18)                         | B Endrin al...  | 6.812 | 5.999 | 84412005 | 50073187 | 46.814  | 50.937    |
| 19)                         | B Endosulfa...  | 7.048 | 6.224 | 108.8E6  | 55275356 | 46.999  | 48.784    |
| 20)                         | A Methoxychlor  | 7.406 | 6.519 | 66148626 | 32471273 | 49.661  | 51.214    |
| 21)                         | B Endrin ke...  | 7.532 | 6.728 | 119.4E6  | 72317689 | 47.904  | 46.201    |
| 22)                         | Mirex           | 8.006 | 6.906 | 94169720 | 53192437 | 47.646  | 47.081    |
| 24)                         | Chlordane-2     | 0.000 | 4.241 | 0        | 39096    | N.D.    | 0.843 #   |
| 25)                         | Chlordane-3     | 5.826 | 4.859 | 135.5E6  | 66322718 | 337.102 | 513.680 # |
| 26)                         | Chlordane-4     | 5.905 | 4.924 | 134.5E6  | 67116999 | 274.733 | 478.733 # |
| -----                       |                 |       |       |          |          |         |           |

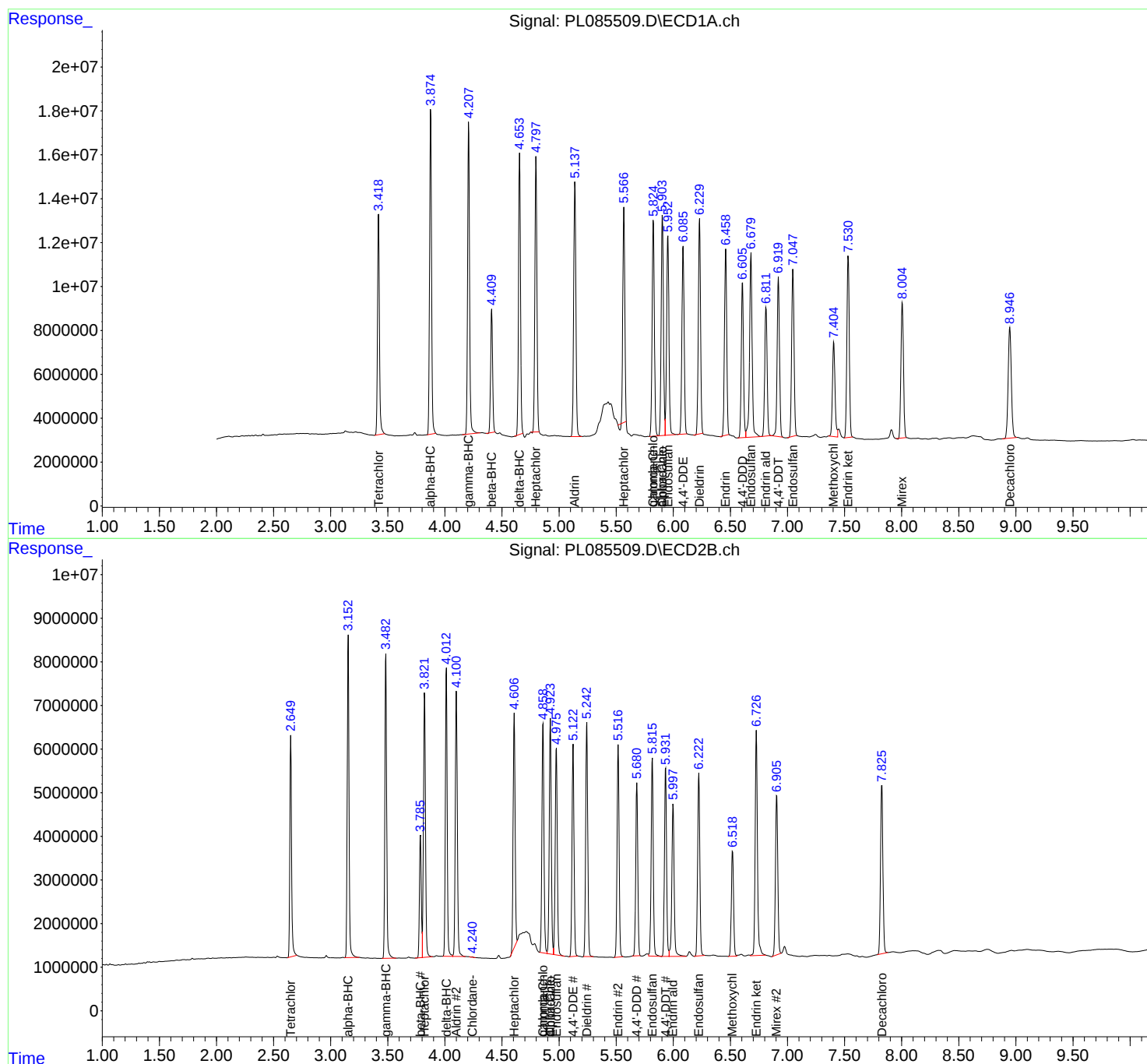
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

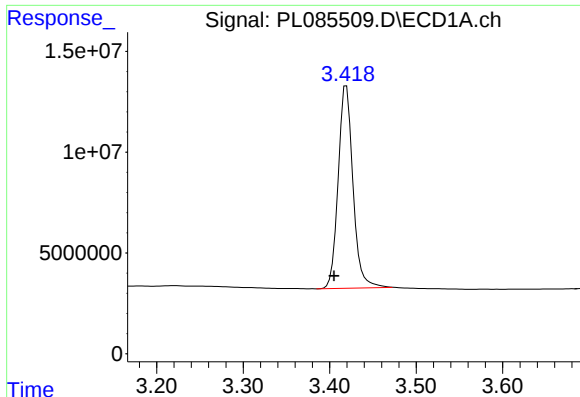
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092623\  
Data File : PL085509.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2023 14:01  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 26 21:25:31 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092523.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 26 01:26:21 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

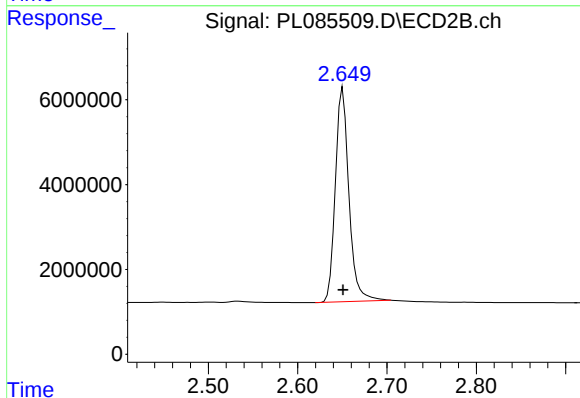




#1 Tetrachloro-m-xylene

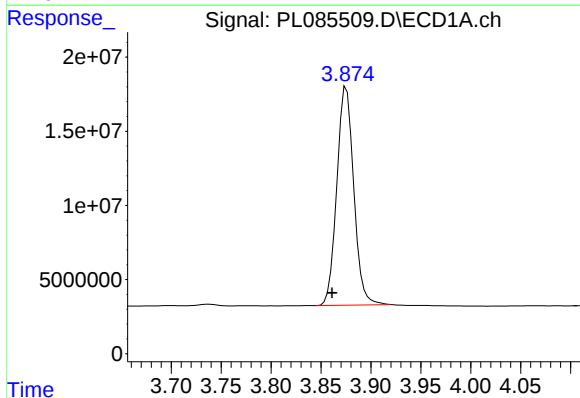
R.T.: 3.419 min  
Delta R.T.: 0.014 min  
Response: 118778113  
Conc: 46.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



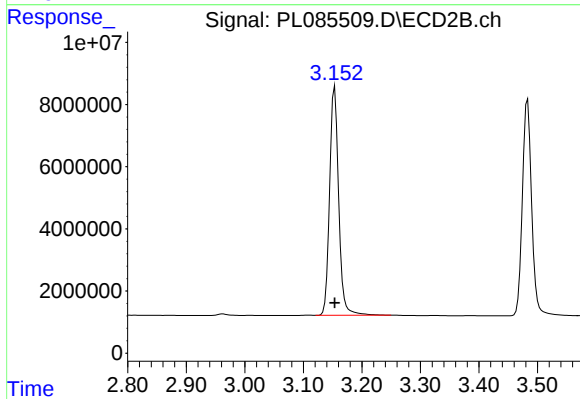
#1 Tetrachloro-m-xylene

R.T.: 2.651 min  
Delta R.T.: 0.000 min  
Response: 53300330  
Conc: 46.98 ng/ml



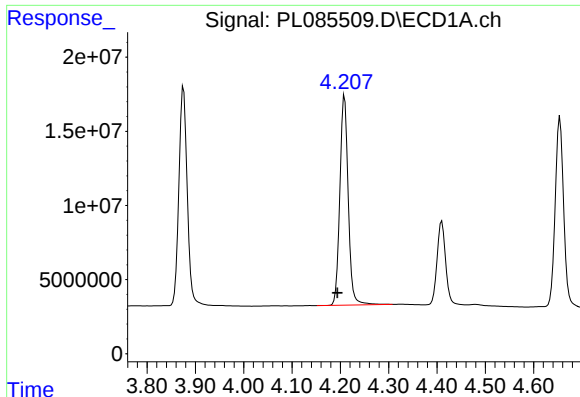
#2 alpha-BHC

R.T.: 3.876 min  
Delta R.T.: 0.015 min  
Response: 174337713  
Conc: 47.73 ng/ml



#2 alpha-BHC

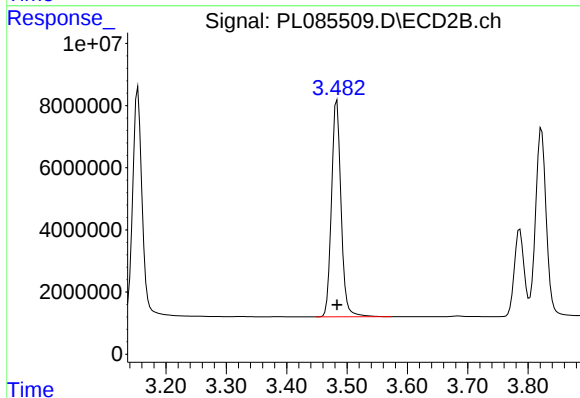
R.T.: 3.154 min  
Delta R.T.: 0.000 min  
Response: 79258147  
Conc: 47.93 ng/ml



#3 gamma-BHC (Lindane)

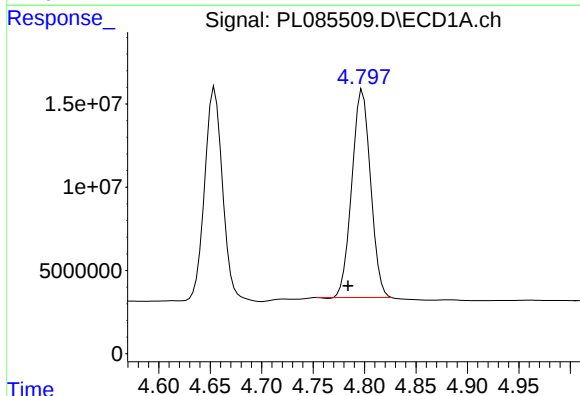
R.T.: 4.209 min  
Delta R.T.: 0.015 min  
Response: 171071519  
Conc: 48.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



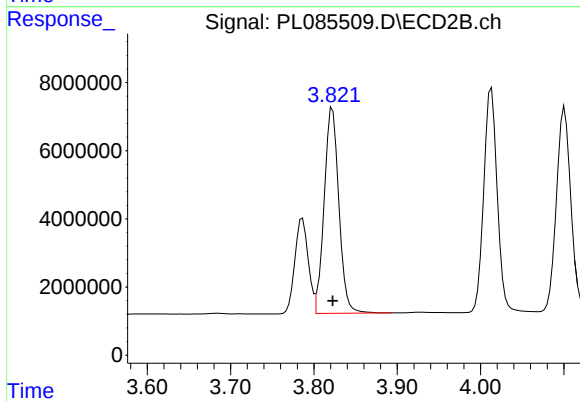
#3 gamma-BHC (Lindane)

R.T.: 3.483 min  
Delta R.T.: 0.000 min  
Response: 76978195  
Conc: 48.01 ng/ml



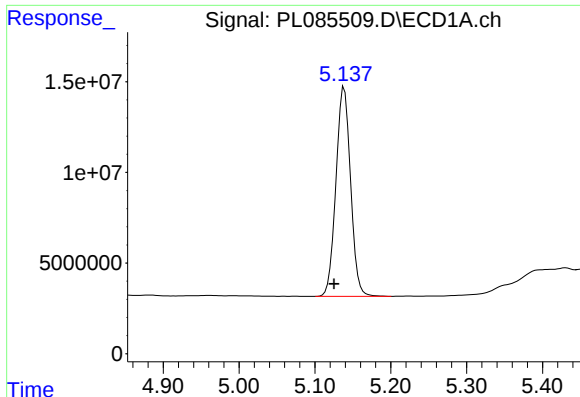
#4 Heptachlor

R.T.: 4.798 min  
Delta R.T.: 0.014 min  
Response: 158174016  
Conc: 46.86 ng/ml



#4 Heptachlor

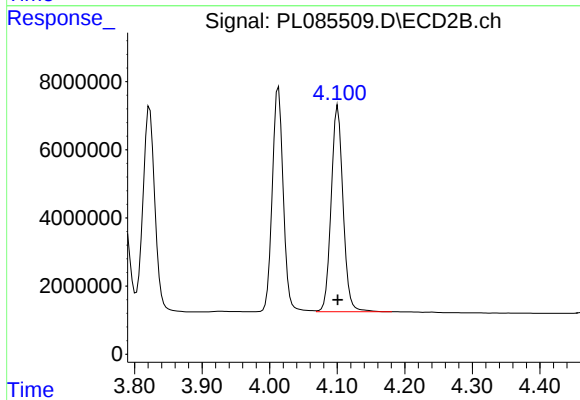
R.T.: 3.822 min  
Delta R.T.: 0.000 min  
Response: 74317484  
Conc: 48.62 ng/ml



#5 Aldrin

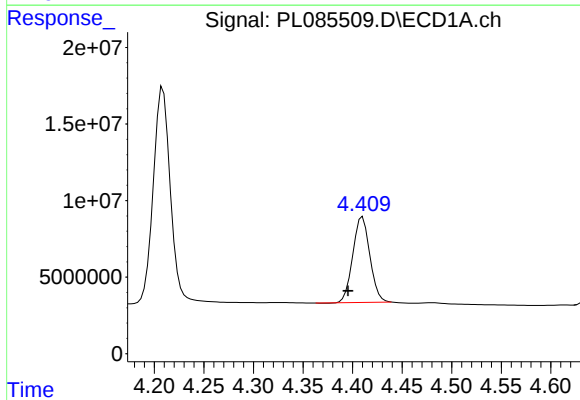
R.T.: 5.139 min  
Delta R.T.: 0.013 min  
Response: 154985744  
Conc: 46.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



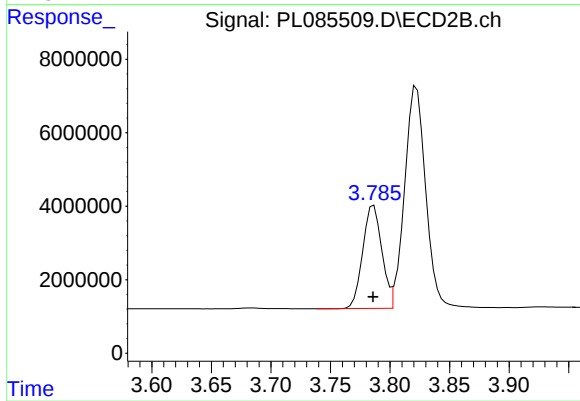
#5 Aldrin

R.T.: 4.101 min  
Delta R.T.: 0.000 min  
Response: 74283505  
Conc: 48.68 ng/ml



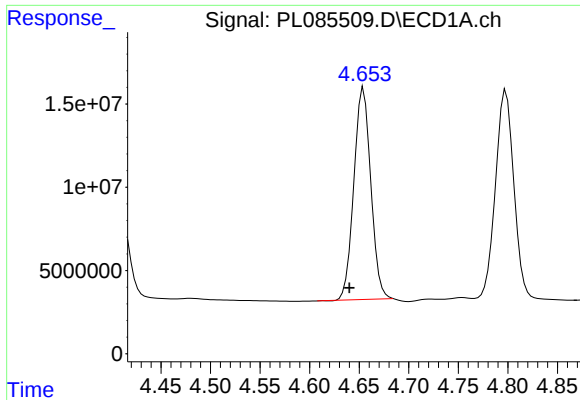
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: 0.014 min  
Response: 67132208  
Conc: 42.99 ng/ml



#6 beta-BHC

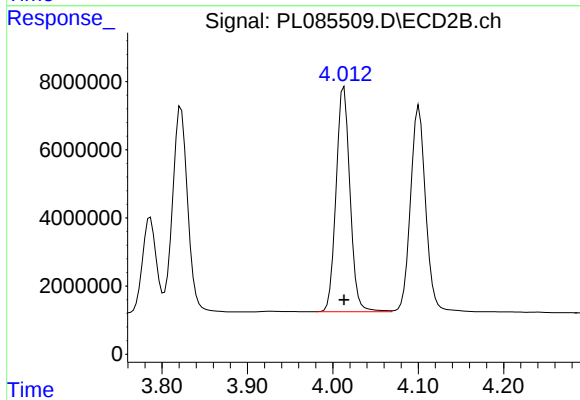
R.T.: 3.786 min  
Delta R.T.: 0.000 min  
Response: 31293830  
Conc: 46.40 ng/ml



#7 delta-BHC

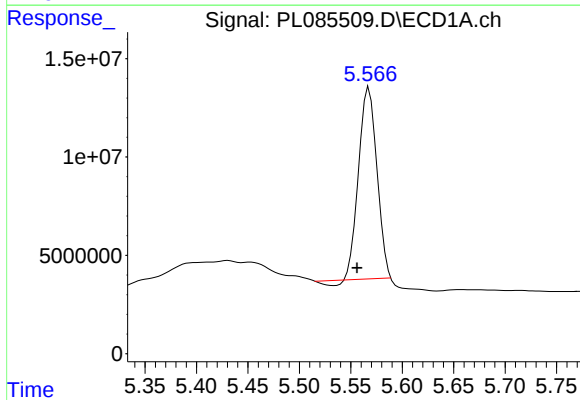
R.T.: 4.654 min  
Delta R.T.: 0.014 min  
Response: 151558003  
Conc: 44.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



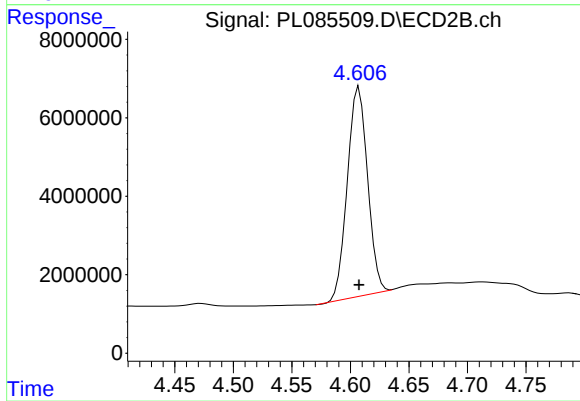
#7 delta-BHC

R.T.: 4.013 min  
Delta R.T.: 0.000 min  
Response: 74785147  
Conc: 48.30 ng/ml



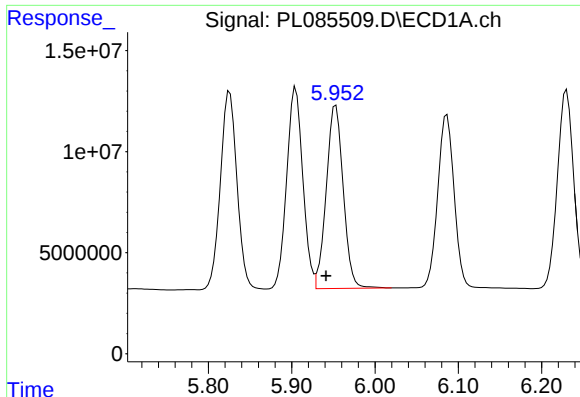
#8 Heptachlor epoxide

R.T.: 5.568 min  
Delta R.T.: 0.012 min  
Response: 118930496  
Conc: 41.43 ng/ml



#8 Heptachlor epoxide

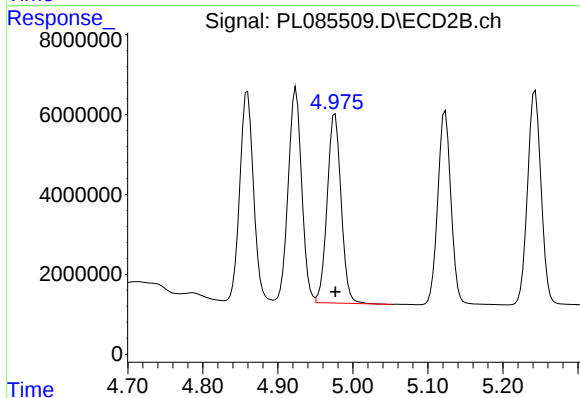
R.T.: 4.607 min  
Delta R.T.: 0.000 min  
Response: 64127675  
Conc: 47.58 ng/ml



#9 Endosulfan I

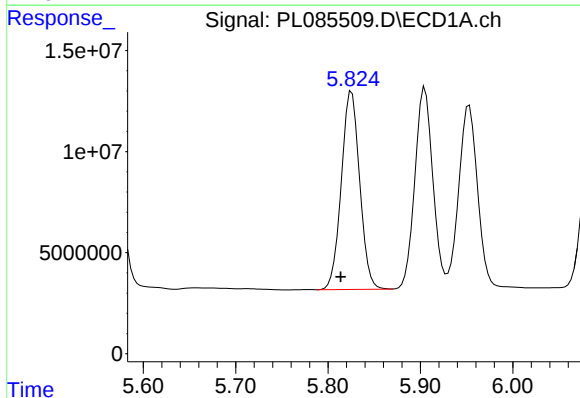
R.T.: 5.953 min  
Delta R.T.: 0.012 min  
Response: 128482066  
Conc: 47.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



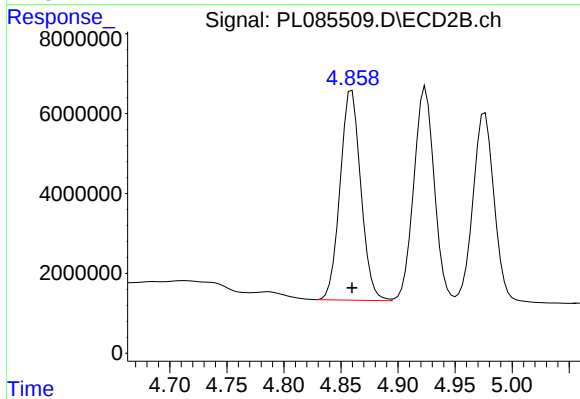
#9 Endosulfan I

R.T.: 4.976 min  
Delta R.T.: 0.000 min  
Response: 61241535  
Conc: 47.94 ng/ml



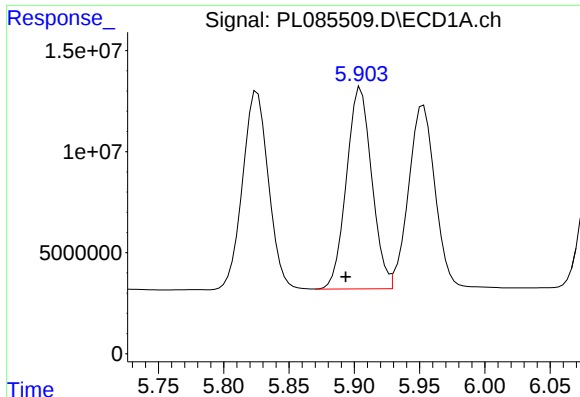
#10 gamma-Chlordane

R.T.: 5.826 min  
Delta R.T.: 0.012 min  
Response: 135452530  
Conc: 46.67 ng/ml



#10 gamma-Chlordane

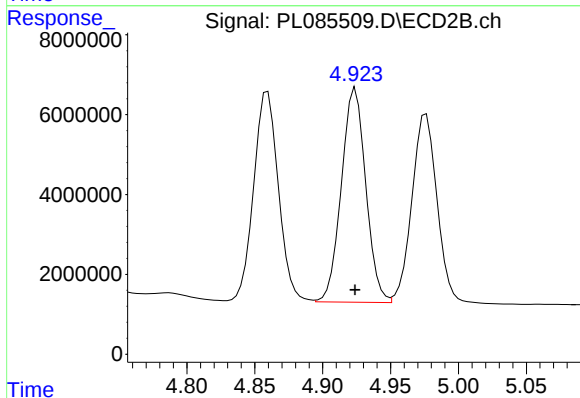
R.T.: 4.859 min  
Delta R.T.: 0.000 min  
Response: 66322718  
Conc: 49.44 ng/ml



#11 alpha-Chlordane

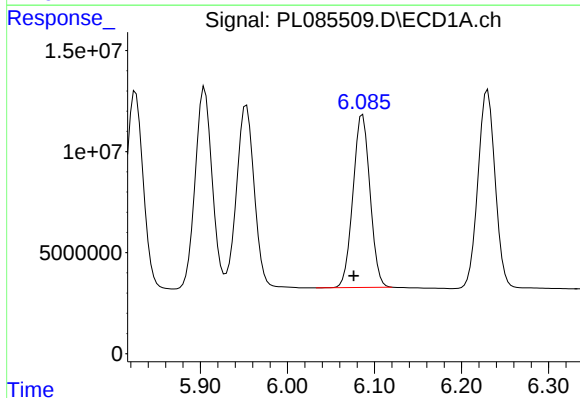
R.T.: 5.905 min  
Delta R.T.: 0.011 min  
Response: 134478528  
Conc: 46.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



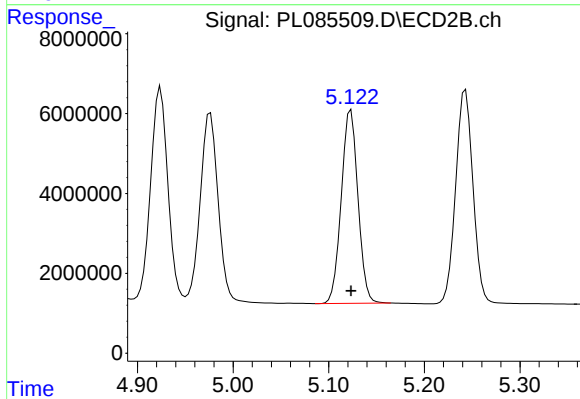
#11 alpha-Chlordane

R.T.: 4.924 min  
Delta R.T.: 0.000 min  
Response: 67116999  
Conc: 48.82 ng/ml



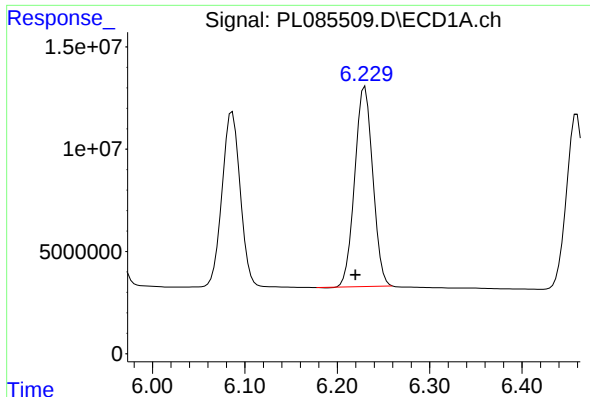
#12 4,4'-DDE

R.T.: 6.086 min  
Delta R.T.: 0.010 min  
Response: 116391154  
Conc: 46.86 ng/ml



#12 4,4'-DDE

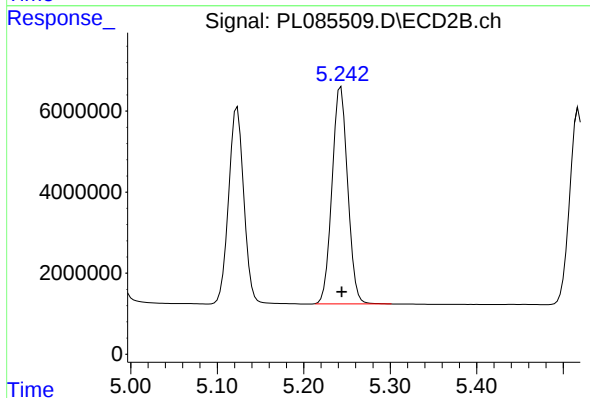
R.T.: 5.123 min  
Delta R.T.: 0.000 min  
Response: 58902441  
Conc: 48.93 ng/ml



#13 Dieldrin

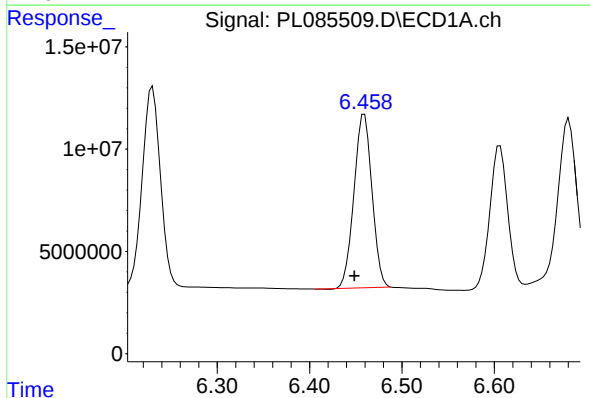
R.T.: 6.230 min  
Delta R.T.: 0.010 min  
Response: 132402034  
Conc: 46.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



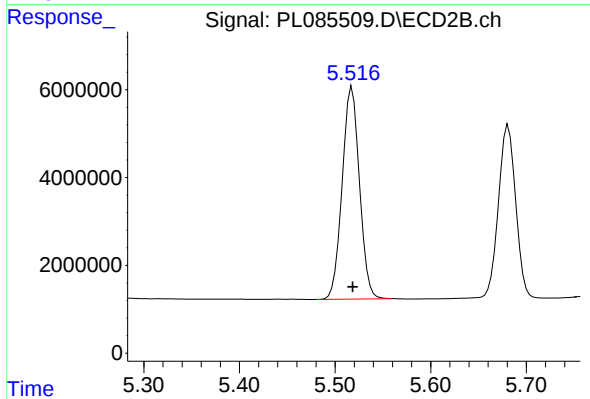
#13 Dieldrin

R.T.: 5.243 min  
Delta R.T.: -0.001 min  
Response: 67175897  
Conc: 49.16 ng/ml



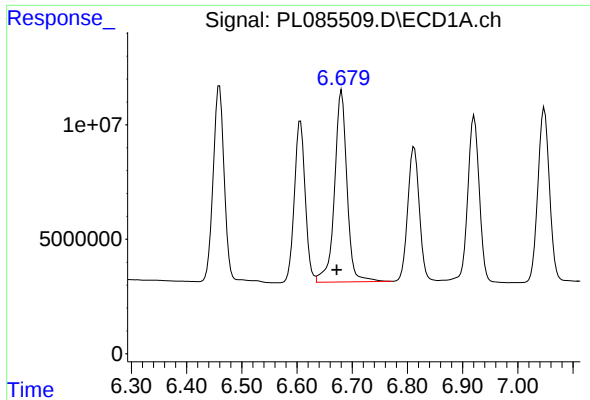
#14 Endrin

R.T.: 6.459 min  
Delta R.T.: 0.011 min  
Response: 114725467  
Conc: 48.15 ng/ml



#14 Endrin

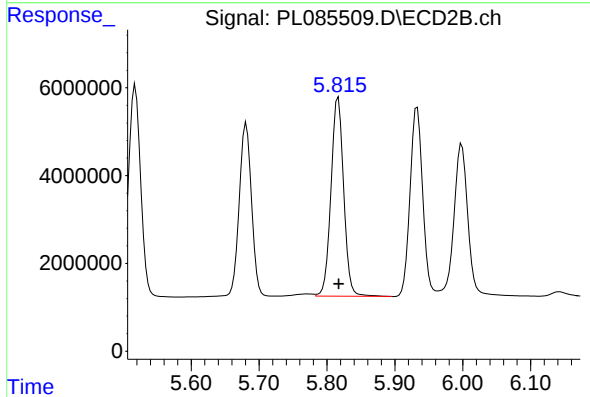
R.T.: 5.518 min  
Delta R.T.: 0.000 min  
Response: 60921702  
Conc: 50.45 ng/ml



#15 Endosulfan II

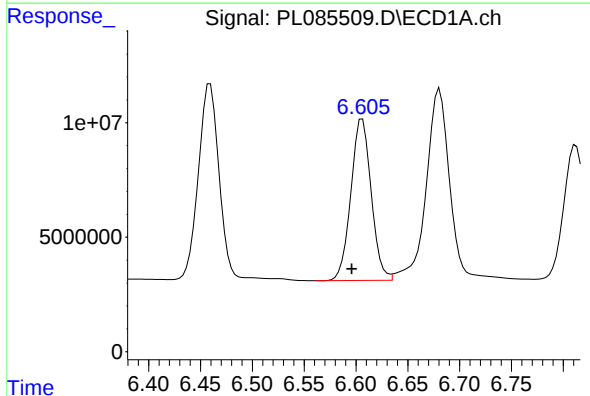
R.T.: 6.681 min  
Delta R.T.: 0.009 min  
Response: 131202754  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



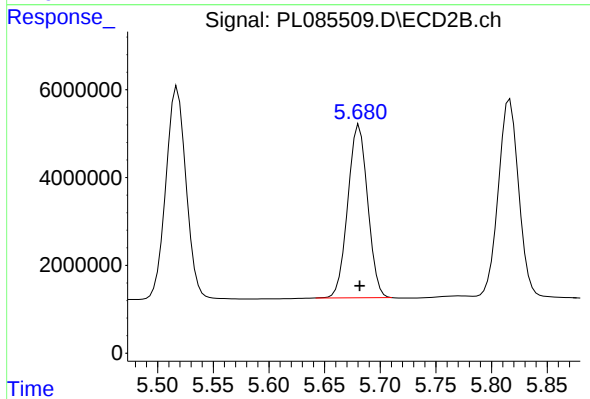
#15 Endosulfan II

R.T.: 5.817 min  
Delta R.T.: 0.000 min  
Response: 58728820  
Conc: 48.74 ng/ml



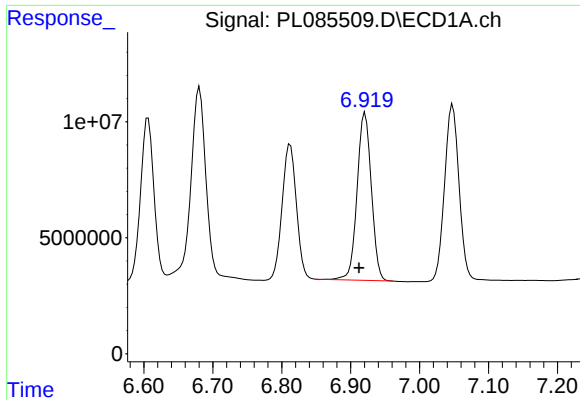
#16 4,4'-DDD

R.T.: 6.606 min  
Delta R.T.: 0.010 min  
Response: 96129729  
Conc: 47.93 ng/ml



#16 4,4'-DDD

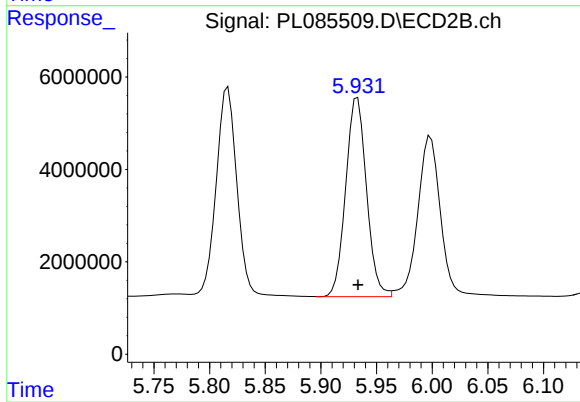
R.T.: 5.681 min  
Delta R.T.: 0.000 min  
Response: 48973420  
Conc: 48.83 ng/ml



#17 4,4'-DDT

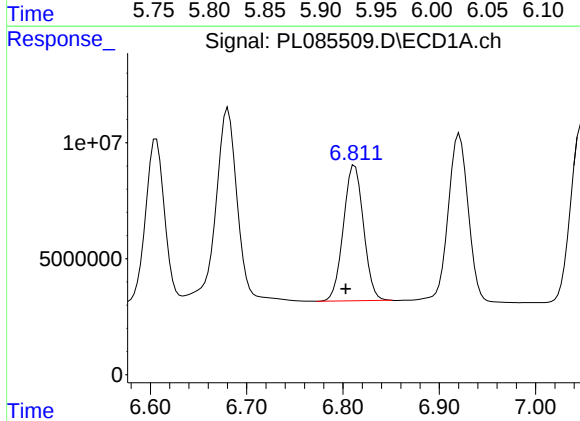
R.T.: 6.921 min  
Delta R.T.: 0.009 min  
Response: 103531617  
Conc: 49.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



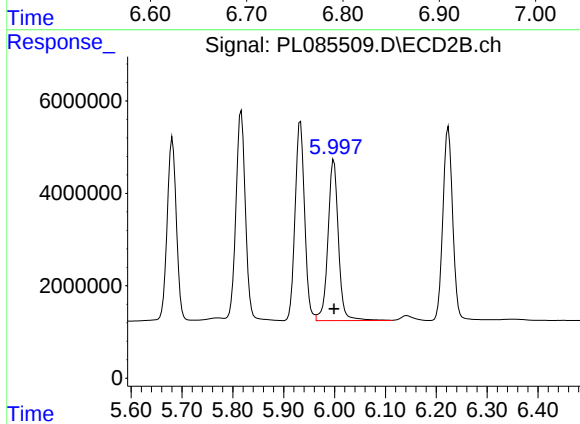
#17 4,4'-DDT

R.T.: 5.933 min  
Delta R.T.: 0.000 min  
Response: 55990015  
Conc: 52.14 ng/ml



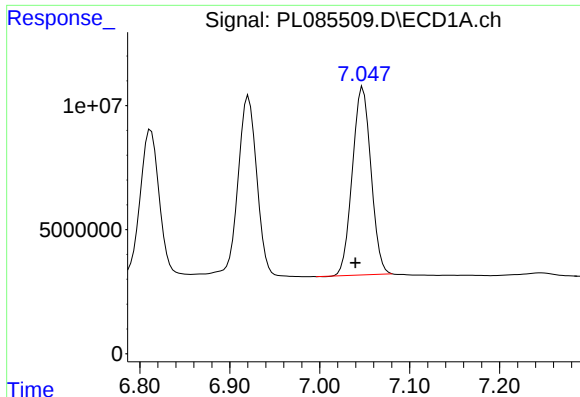
#18 Endrin aldehyde

R.T.: 6.812 min  
Delta R.T.: 0.009 min  
Response: 84412005  
Conc: 46.81 ng/ml



#18 Endrin aldehyde

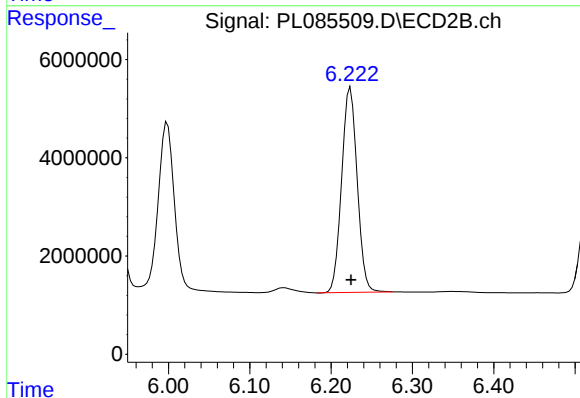
R.T.: 5.999 min  
Delta R.T.: 0.000 min  
Response: 50073187  
Conc: 50.94 ng/ml



#19 Endosulfan Sulfate

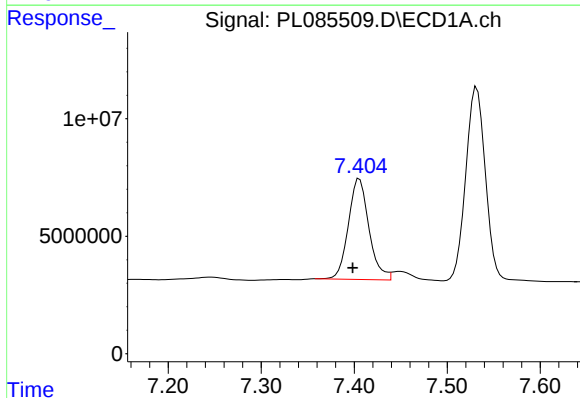
R.T.: 7.048 min  
Delta R.T.: 0.009 min  
Response: 108834539  
Conc: 47.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



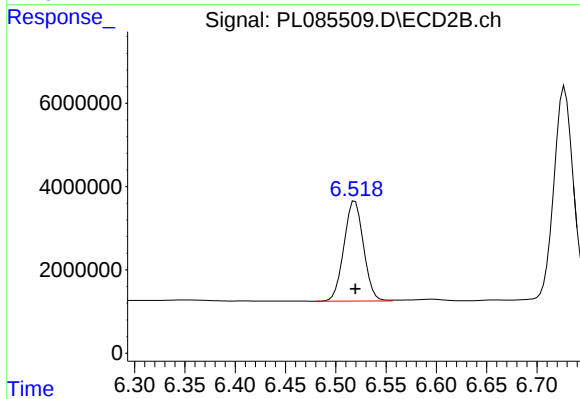
#19 Endosulfan Sulfate

R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 55275356  
Conc: 48.78 ng/ml



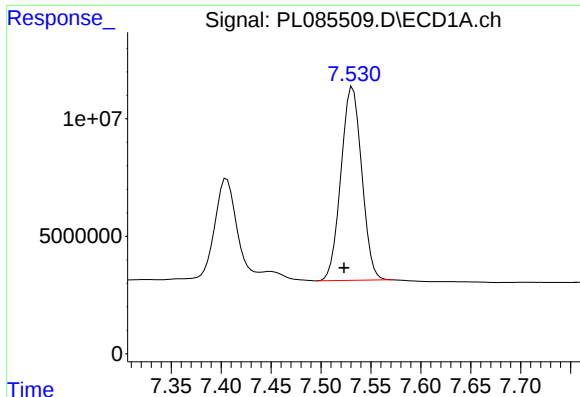
#20 Methoxychlor

R.T.: 7.406 min  
Delta R.T.: 0.007 min  
Response: 66148626  
Conc: 49.66 ng/ml



#20 Methoxychlor

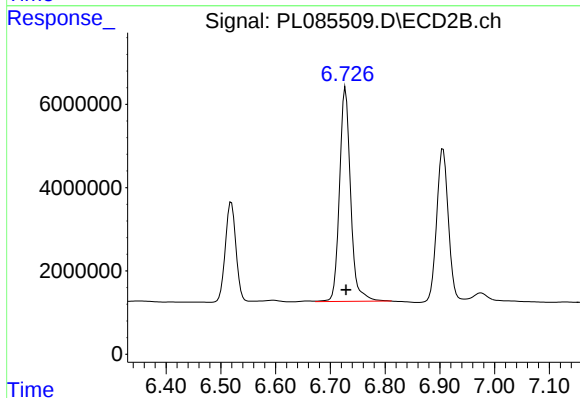
R.T.: 6.519 min  
Delta R.T.: 0.000 min  
Response: 32471273  
Conc: 51.21 ng/ml



#21 Endrin ketone

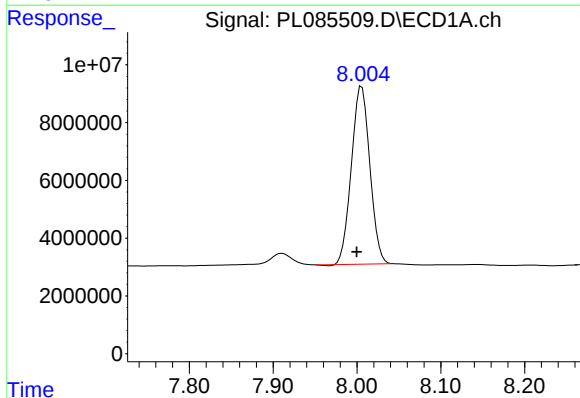
R.T.: 7.532 min  
Delta R.T.: 0.008 min  
Response: 119364738  
Conc: 47.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



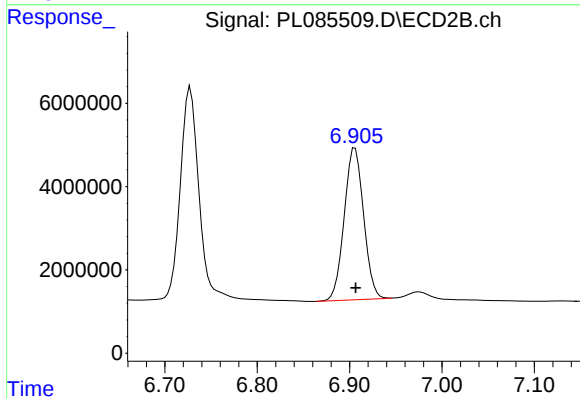
#21 Endrin ketone

R.T.: 6.728 min  
Delta R.T.: 0.000 min  
Response: 72317689  
Conc: 46.20 ng/ml



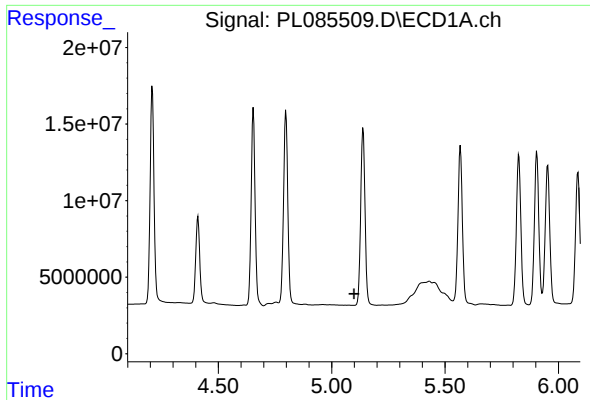
#22 Mirex

R.T.: 8.006 min  
Delta R.T.: 0.006 min  
Response: 94169720  
Conc: 47.65 ng/ml



#22 Mirex

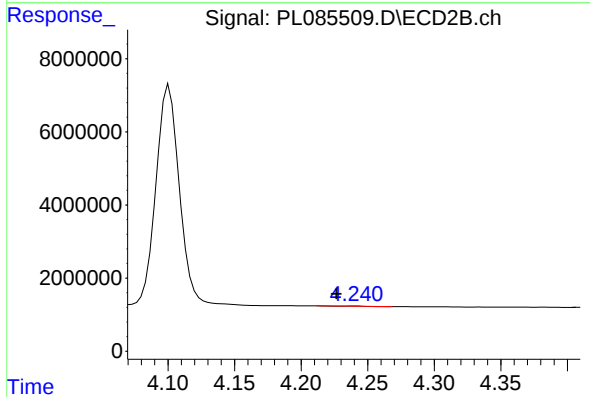
R.T.: 6.906 min  
Delta R.T.: 0.000 min  
Response: 53192437  
Conc: 47.08 ng/ml



#24 Chlordane-2

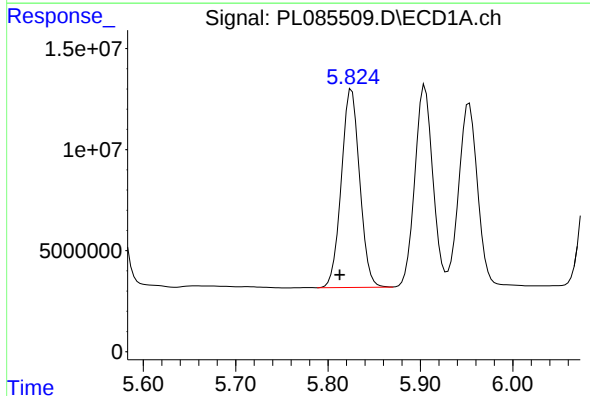
R.T.: 0.000 min  
Exp R.T.: 5.099 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



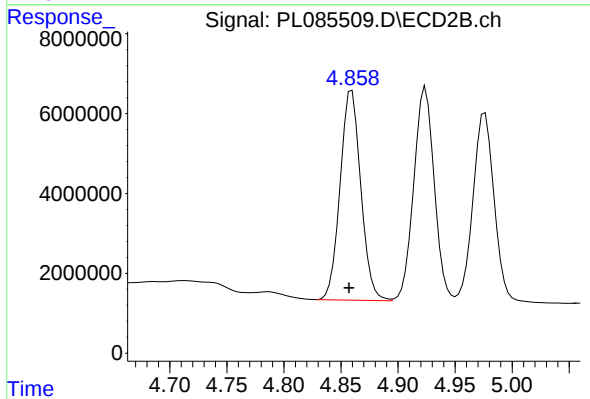
#24 Chlordane-2

R.T.: 4.241 min  
Delta R.T.: 0.014 min  
Response: 39096  
Conc: 0.84 ng/ml



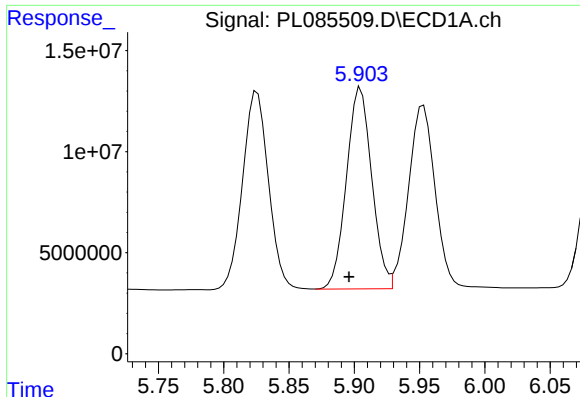
#25 Chlordane-3

R.T.: 5.826 min  
Delta R.T.: 0.013 min  
Response: 135452530  
Conc: 337.10 ng/ml



#25 Chlordane-3

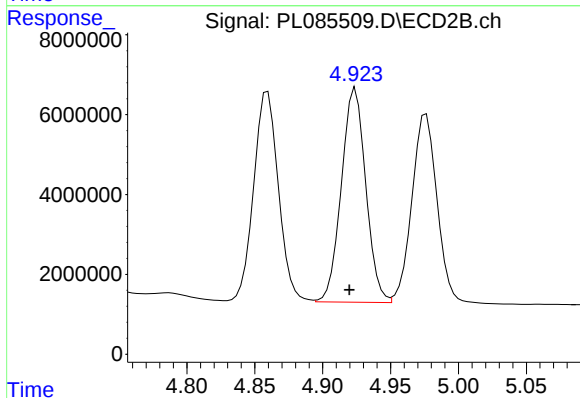
R.T.: 4.859 min  
Delta R.T.: 0.002 min  
Response: 66322718  
Conc: 513.68 ng/ml



#26 Chlordane-4

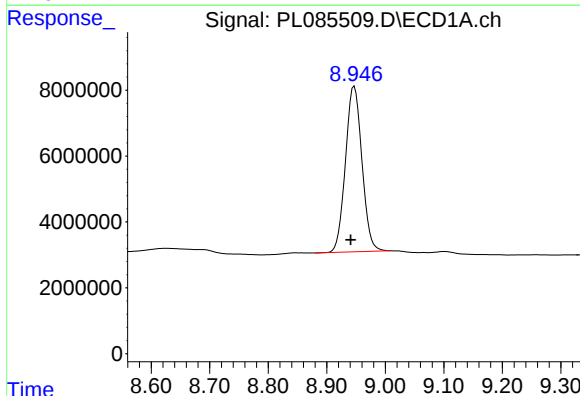
R.T.: 5.905 min  
Delta R.T.: 0.009 min  
Response: 134478528  
Conc: 274.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



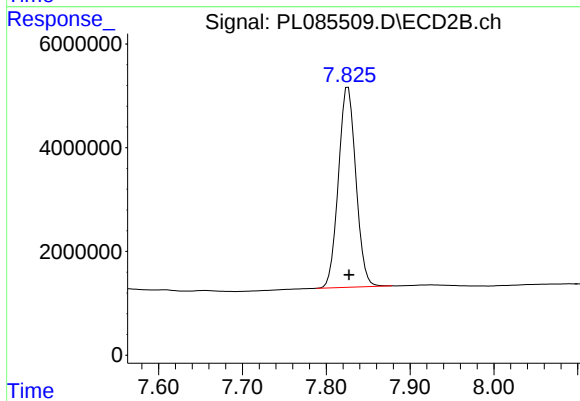
#26 Chlordane-4

R.T.: 4.924 min  
Delta R.T.: 0.005 min  
Response: 67116999  
Conc: 478.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.947 min  
Delta R.T.: 0.006 min  
Response: 98399322  
Conc: 47.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.826 min  
Delta R.T.: -0.001 min  
Response: 56011713  
Conc: 47.18 ng/ml