

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090923\  
 Data File : PL085185.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Sep 2023 13:56  
 Operator : AR\AJ  
 Sample : PB155362BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 07 17:56:54 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 05 15:22:36 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... | 3.476  | 2.684 | 40160669 | 19125656 | 16.419   | 16.833     |
| 28)                         | SA Decachlor... | 9.027  | 7.864 | 31755784 | 24568869 | 19.747   | 18.458     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.935  | 3.189 | 184.2E6  | 90487755 | 53.444   | 55.327     |
| 3)                          | MA gamma-BHC... | 4.269  | 3.520 | 168.1E6  | 84195396 | 50.639   | 52.754     |
| 4)                          | MA Heptachlor   | 4.861  | 3.860 | 176.7E6  | 84908176 | 53.582   | 55.948     |
| 5)                          | MB Aldrin       | 5.203  | 4.140 | 157.8E6  | 81466375 | 51.326   | 53.292     |
| 6)                          | B beta-BHC      | 4.468  | 3.822 | 71129529 | 35549734 | 50.328   | 52.391     |
| 7)                          | B delta-BHC     | 4.715  | 4.050 | 161.1E6  | 83699244 | 50.981   | 53.528     |
| 8)                          | B Heptachlo...  | 5.633  | 4.646 | 140.0E6  | 74950323 | 53.647   | 54.616     |
| 9)                          | A Endosulfan I  | 6.019  | 5.016 | 127.4E6  | 72789498 | 53.058   | 53.132     |
| 10)                         | B gamma-Chl...  | 5.891  | 4.899 | 137.8E6  | 76794258 | 53.048   | 55.676     |
| 11)                         | B alpha-Chl...  | 5.970  | 4.963 | 134.9E6  | 76931264 | 52.412   | 51.480     |
| 12)                         | B 4,4'-DDE      | 6.149  | 5.162 | 114.8E6  | 70277549 | 55.224   | 56.491     |
| 13)                         | MA Dieldrin     | 6.295  | 5.283 | 126.3E6  | 75438524 | 51.841   | 53.661     |
| 14)                         | MA Endrin       | 6.526  | 5.559 | 106.9E6  | 69067443 | 51.755   | 54.034     |
| 15)                         | B Endosulfa...  | 6.746  | 5.856 | 102.1E6  | 64077276 | 50.451   | 51.749     |
| 16)                         | A 4,4'-DDD      | 6.668  | 5.719 | 87956222 | 61089743 | 57.128   | 58.147     |
| 17)                         | MA 4,4'-DDT     | 6.984  | 5.971 | 94737881 | 64365764 | 56.238   | 55.209     |
| 18)                         | B Endrin al...  | 6.878  | 6.038 | 80650860 | 54607202 | 52.468   | 53.461     |
| 19)                         | B Endosulfa...  | 7.114  | 6.263 | 100.3E6  | 66999463 | 53.566   | 55.833     |
| 20)                         | A Methoxychlor  | 7.467  | 6.556 | 47750471 | 35258065 | 52.554   | 52.411     |
| 21)                         | B Endrin ke...  | 7.598  | 6.767 | 103.5E6  | 80298945 | 52.848   | 54.441     |
| 22)                         | Mirex           | 8.073  | 6.948 | 84952042 | 61738392 | 51.008   | 52.134     |
| 23)                         | Chlordane-1     | 0.000  | 3.687 | 0        | 85180    | N.D.     | 2.192 #    |
| 24)                         | Chlordane-2     | 5.203f | 0.000 | 157.8E6  | 0        | 1506.487 | N.D. #     |
| 25)                         | Chlordane-3     | 5.891  | 4.899 | 137.8E6  | 76794258 | 381.270  | 571.904 #  |
| 26)                         | Chlordane-4     | 5.970  | 4.963 | 134.9E6  | 76931264 | 310.841  | 517.333 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.856 | 0        | 64077276 | N.D.     | 1258.762 # |
| -----                       |                 |        |       |          |          |          |            |

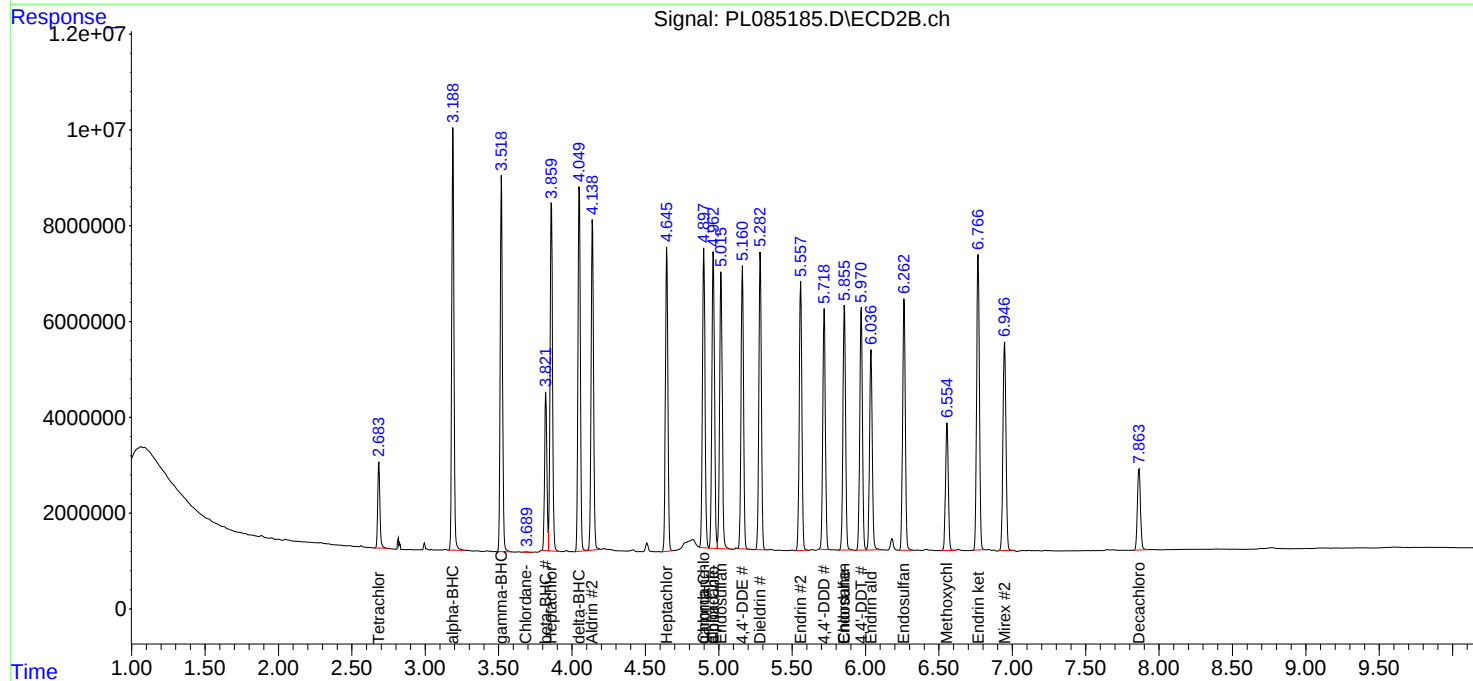
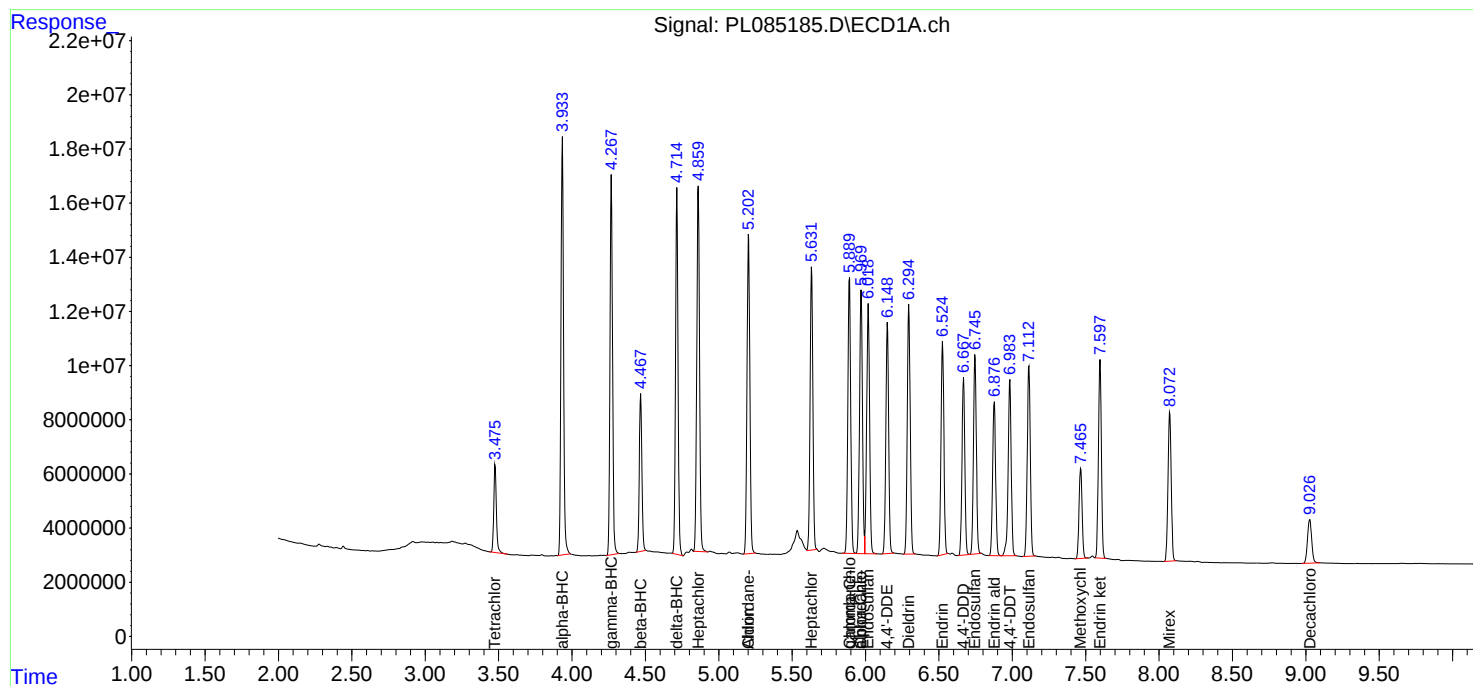
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

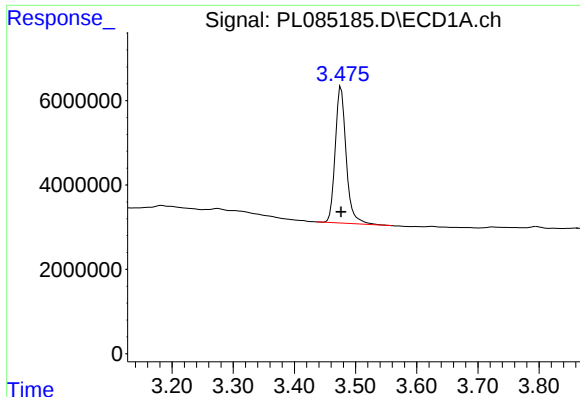
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090923\  
Data File : PL085185.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Sep 2023 13:56  
Operator : AR\AJ  
Sample : PB155362BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 07 17:56:54 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090523.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 05 15:22:36 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

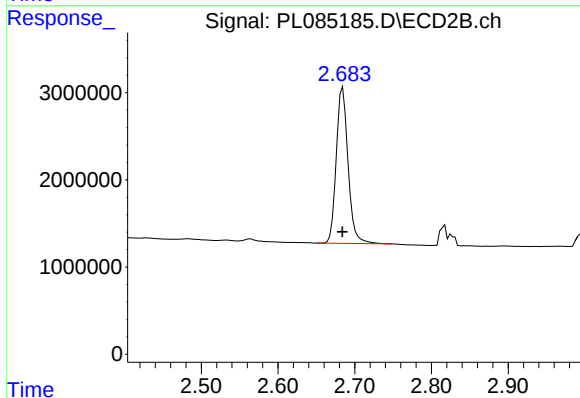




#1 Tetrachloro-m-xylene

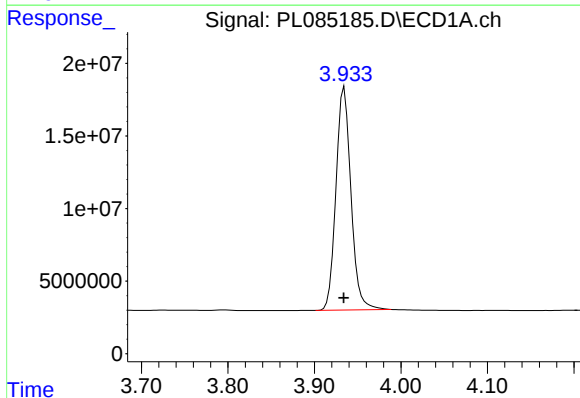
R.T.: 3.476 min  
Delta R.T.: 0.000 min  
Response: 40160669  
Conc: 16.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



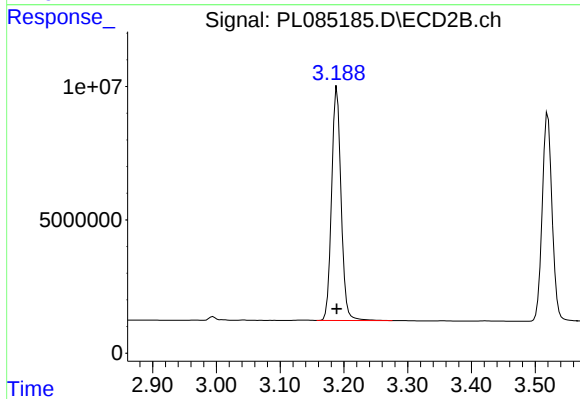
#1 Tetrachloro-m-xylene

R.T.: 2.684 min  
Delta R.T.: 0.000 min  
Response: 19125656  
Conc: 16.83 ng/ml



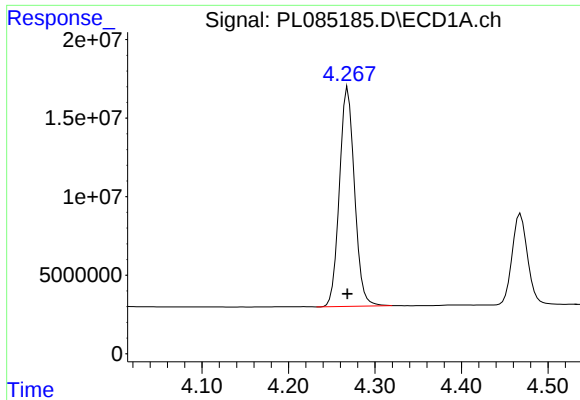
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 184159964  
Conc: 53.44 ng/ml



#2 alpha-BHC

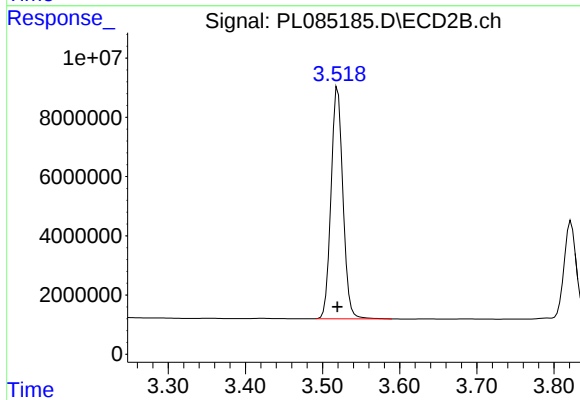
R.T.: 3.189 min  
Delta R.T.: 0.000 min  
Response: 90487755  
Conc: 55.33 ng/ml



#3 gamma-BHC (Lindane)

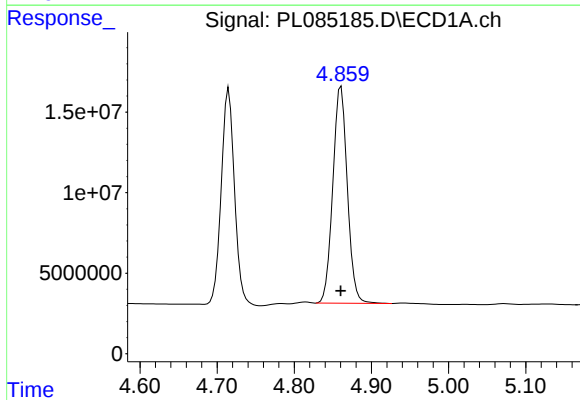
R.T.: 4.269 min  
Delta R.T.: 0.000 min  
Response: 168105536  
Conc: 50.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



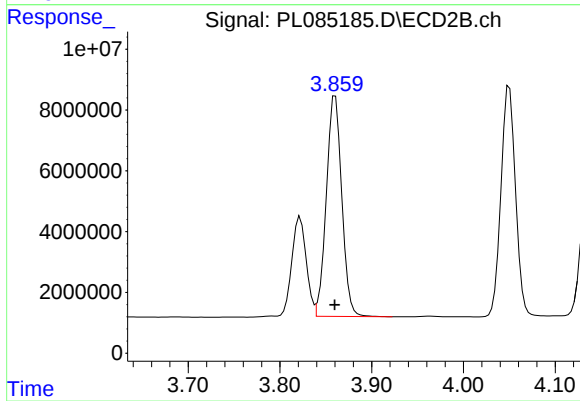
#3 gamma-BHC (Lindane)

R.T.: 3.520 min  
Delta R.T.: 0.000 min  
Response: 84195396  
Conc: 52.75 ng/ml



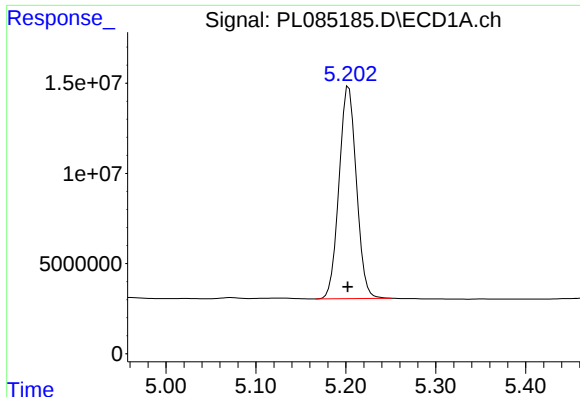
#4 Heptachlor

R.T.: 4.861 min  
Delta R.T.: 0.000 min  
Response: 176679940  
Conc: 53.58 ng/ml



#4 Heptachlor

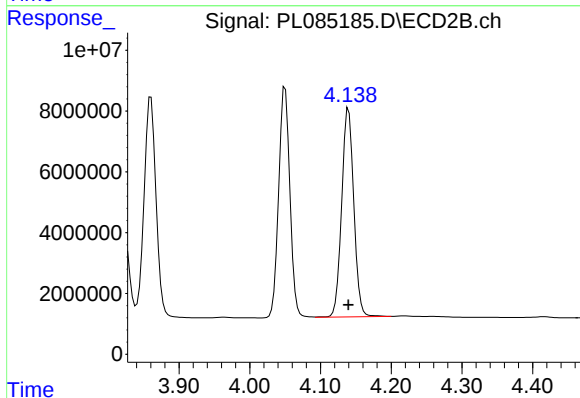
R.T.: 3.860 min  
Delta R.T.: 0.000 min  
Response: 84908176  
Conc: 55.95 ng/ml



#5 Aldrin

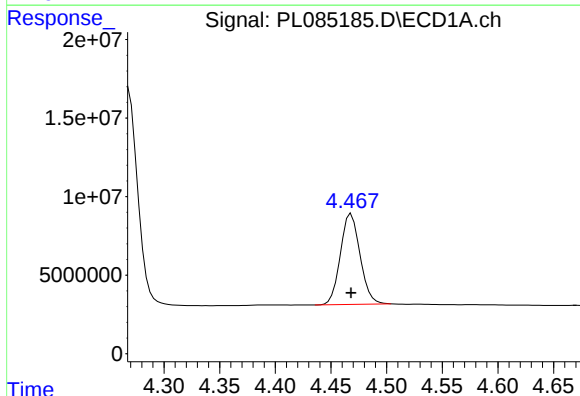
R.T.: 5.203 min  
Delta R.T.: 0.001 min  
Response: 157820433  
Conc: 51.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



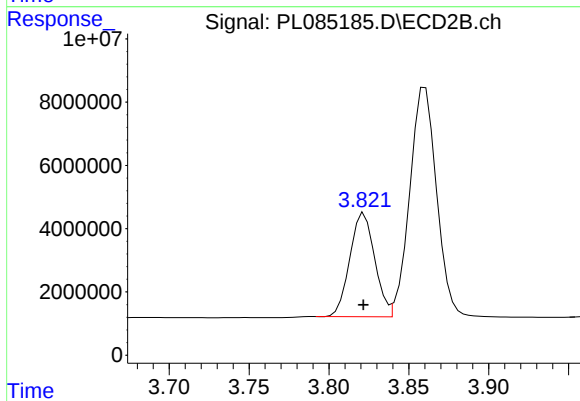
#5 Aldrin

R.T.: 4.140 min  
Delta R.T.: 0.000 min  
Response: 81466375  
Conc: 53.29 ng/ml



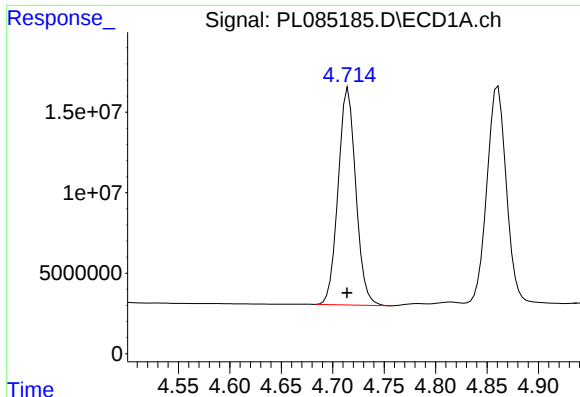
#6 beta-BHC

R.T.: 4.468 min  
Delta R.T.: 0.000 min  
Response: 71129529  
Conc: 50.33 ng/ml



#6 beta-BHC

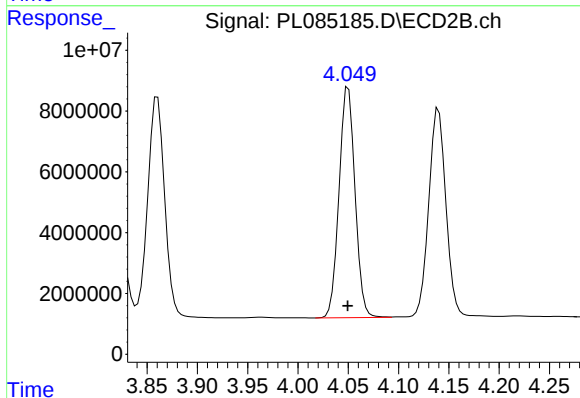
R.T.: 3.822 min  
Delta R.T.: 0.000 min  
Response: 35549734  
Conc: 52.39 ng/ml



#7 delta-BHC

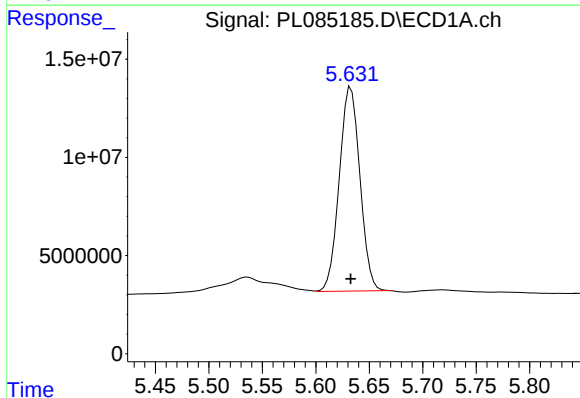
R.T.: 4.715 min  
Delta R.T.: 0.001 min  
Response: 161129001  
Conc: 50.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



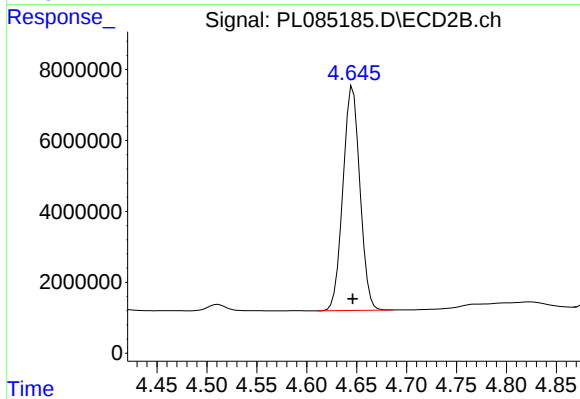
#7 delta-BHC

R.T.: 4.050 min  
Delta R.T.: 0.000 min  
Response: 83699244  
Conc: 53.53 ng/ml



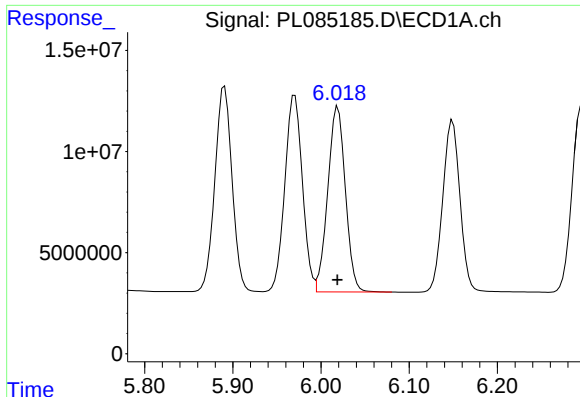
#8 Heptachlor epoxide

R.T.: 5.633 min  
Delta R.T.: 0.000 min  
Response: 140015588  
Conc: 53.65 ng/ml



#8 Heptachlor epoxide

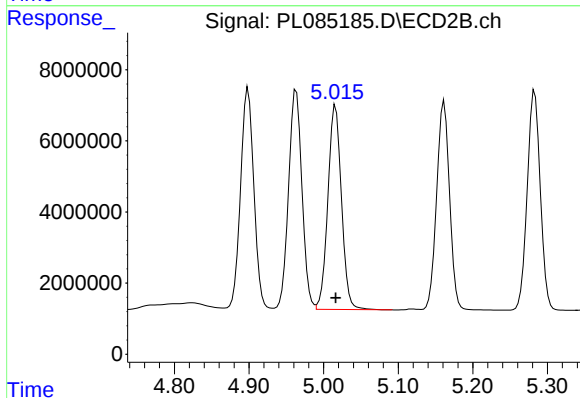
R.T.: 4.646 min  
Delta R.T.: 0.000 min  
Response: 74950323  
Conc: 54.62 ng/ml



#9 Endosulfan I

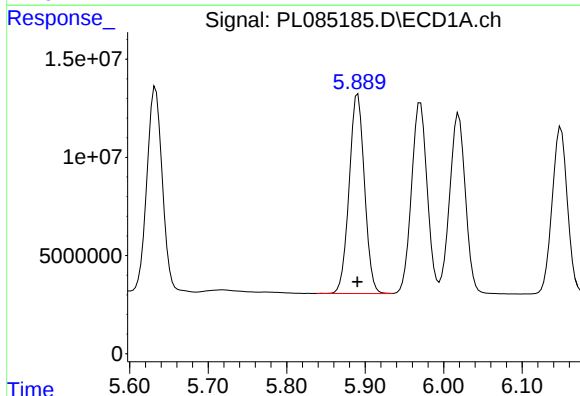
R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 127427626  
Conc: 53.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



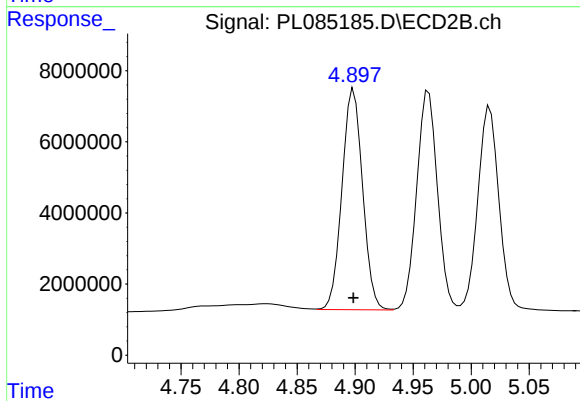
#9 Endosulfan I

R.T.: 5.016 min  
Delta R.T.: 0.000 min  
Response: 72789498  
Conc: 53.13 ng/ml



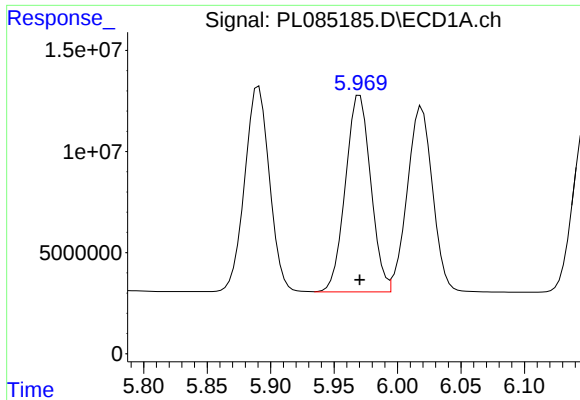
#10 gamma-Chlordane

R.T.: 5.891 min  
Delta R.T.: 0.000 min  
Response: 137807466  
Conc: 53.05 ng/ml



#10 gamma-Chlordane

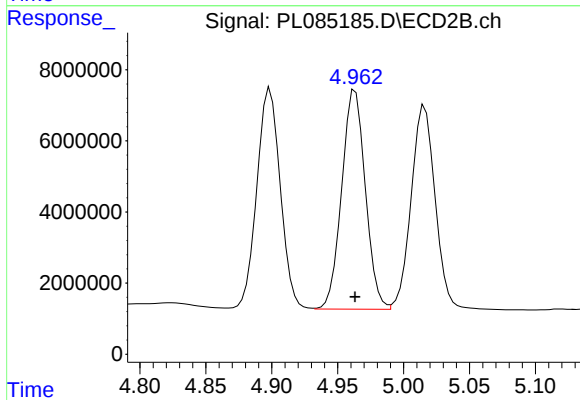
R.T.: 4.899 min  
Delta R.T.: 0.000 min  
Response: 76794258  
Conc: 55.68 ng/ml



#11 alpha-Chlordane

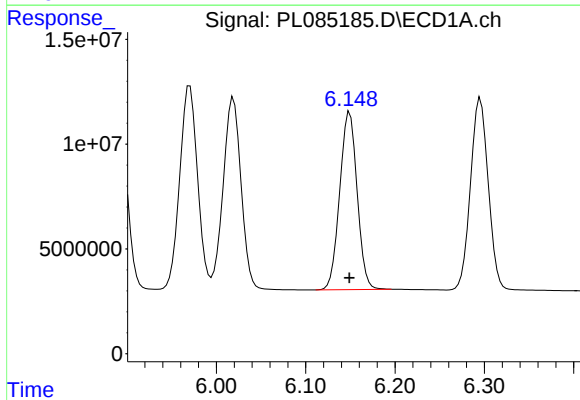
R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 134857583  
Conc: 52.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



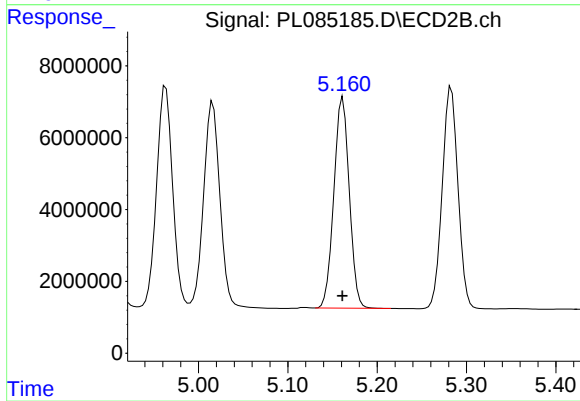
#11 alpha-Chlordane

R.T.: 4.963 min  
Delta R.T.: 0.000 min  
Response: 76931264  
Conc: 51.48 ng/ml



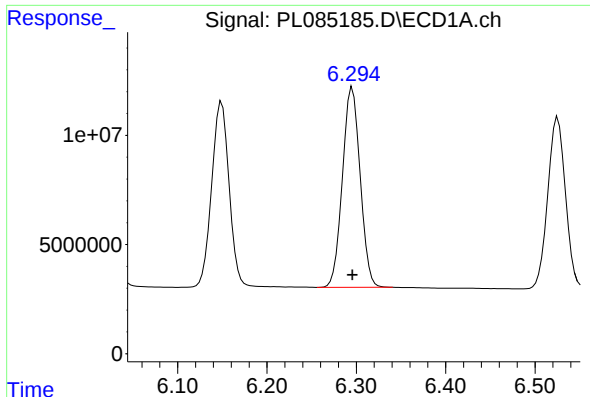
#12 4,4'-DDE

R.T.: 6.149 min  
Delta R.T.: 0.000 min  
Response: 114794726  
Conc: 55.22 ng/ml



#12 4,4'-DDE

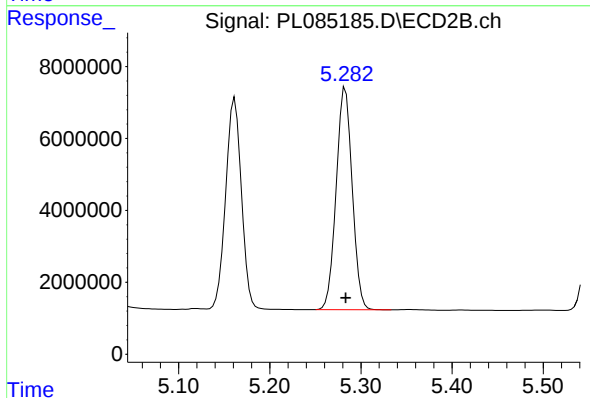
R.T.: 5.162 min  
Delta R.T.: 0.000 min  
Response: 70277549  
Conc: 56.49 ng/ml



#13 Dieldrin

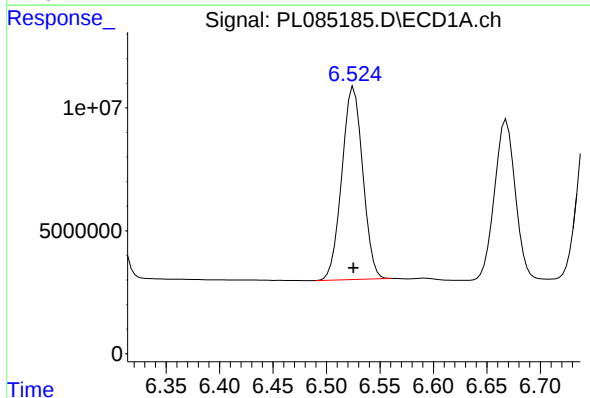
R.T.: 6.295 min  
Delta R.T.: 0.000 min  
Response: 126310627  
Conc: 51.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



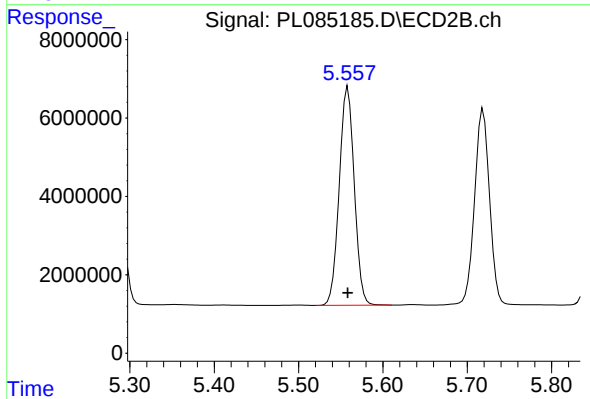
#13 Dieldrin

R.T.: 5.283 min  
Delta R.T.: 0.000 min  
Response: 75438524  
Conc: 53.66 ng/ml



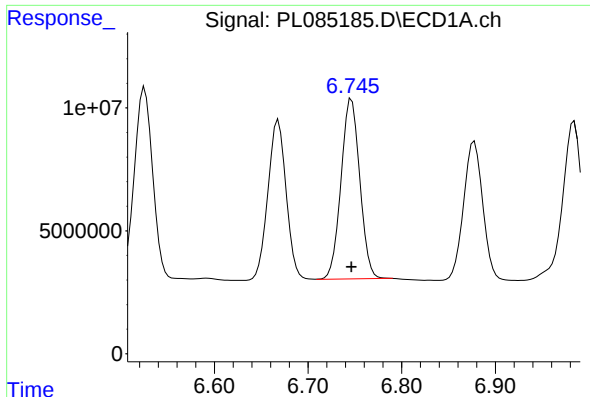
#14 Endrin

R.T.: 6.526 min  
Delta R.T.: 0.000 min  
Response: 106907765  
Conc: 51.75 ng/ml



#14 Endrin

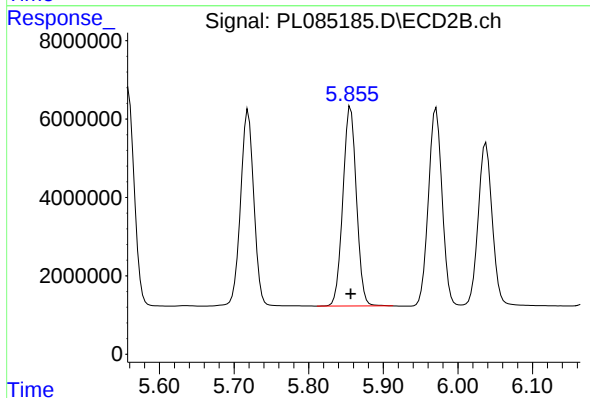
R.T.: 5.559 min  
Delta R.T.: 0.000 min  
Response: 69067443  
Conc: 54.03 ng/ml



#15 Endosulfan II

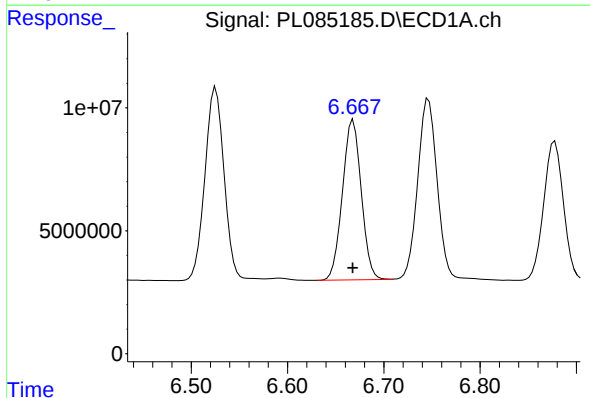
R.T.: 6.746 min  
Delta R.T.: 0.000 min  
Response: 102090700  
Conc: 50.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



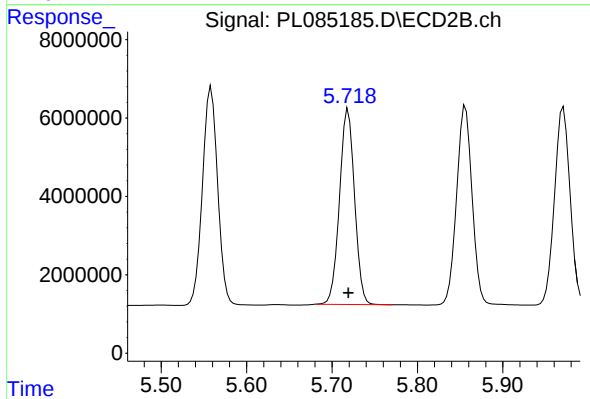
#15 Endosulfan II

R.T.: 5.856 min  
Delta R.T.: 0.000 min  
Response: 64077276  
Conc: 51.75 ng/ml



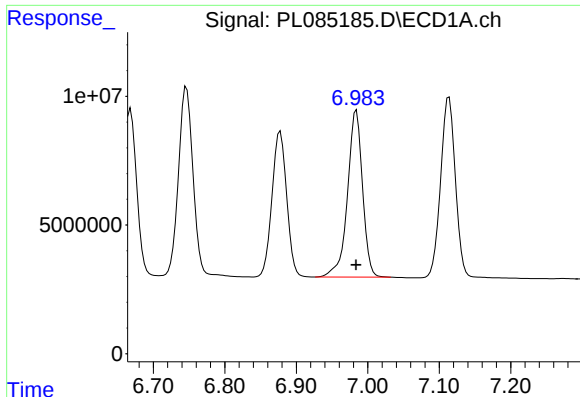
#16 4,4'-DDD

R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 87956222  
Conc: 57.13 ng/ml



#16 4,4'-DDD

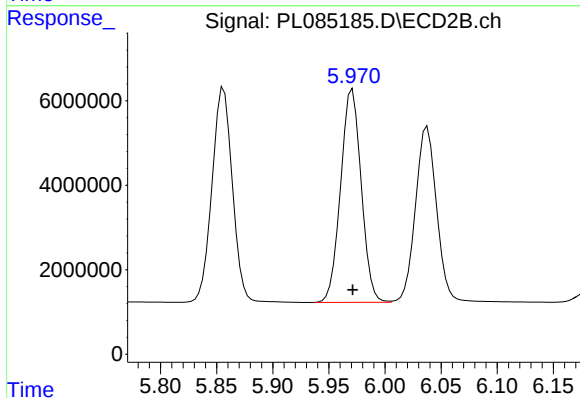
R.T.: 5.719 min  
Delta R.T.: 0.000 min  
Response: 61089743  
Conc: 58.15 ng/ml



#17 4,4'-DDT

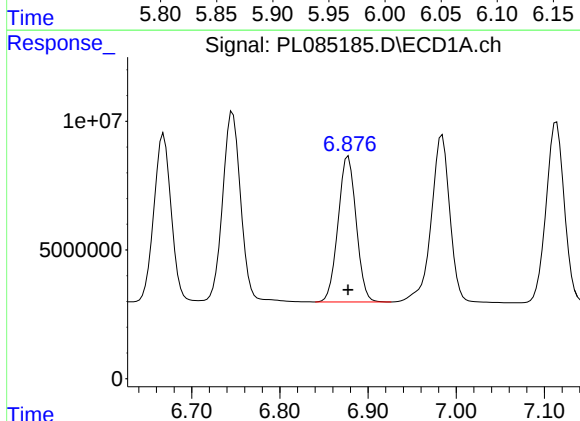
R.T.: 6.984 min  
Delta R.T.: 0.000 min  
Response: 94737881  
Conc: 56.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



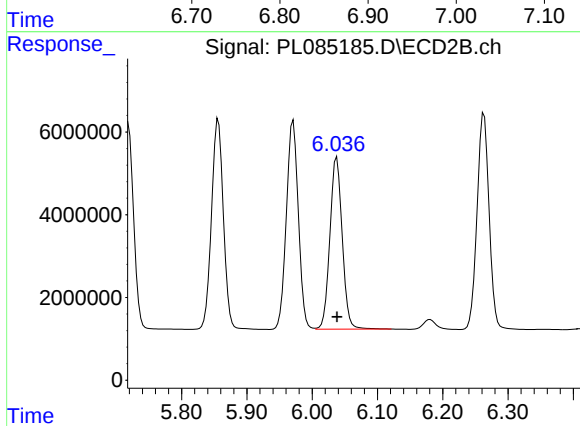
#17 4,4'-DDT

R.T.: 5.971 min  
Delta R.T.: 0.000 min  
Response: 64365764  
Conc: 55.21 ng/ml



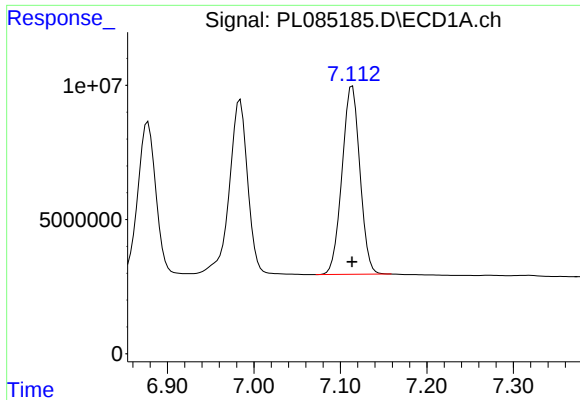
#18 Endrin aldehyde

R.T.: 6.878 min  
Delta R.T.: 0.000 min  
Response: 80650860  
Conc: 52.47 ng/ml



#18 Endrin aldehyde

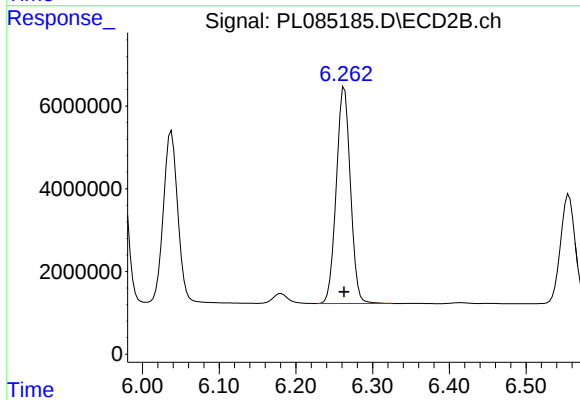
R.T.: 6.038 min  
Delta R.T.: 0.000 min  
Response: 54607202  
Conc: 53.46 ng/ml



#19 Endosulfan Sulfate

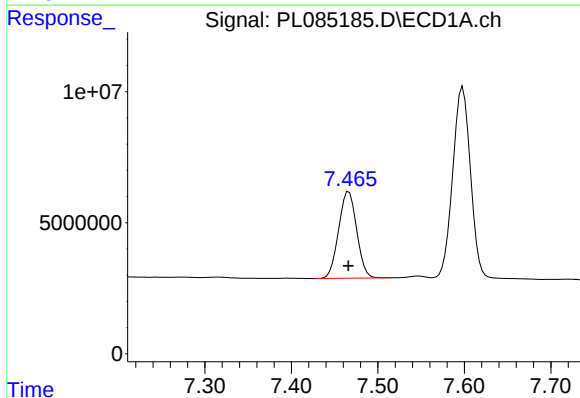
R.T.: 7.114 min  
Delta R.T.: 0.000 min  
Response: 100266310  
Conc: 53.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



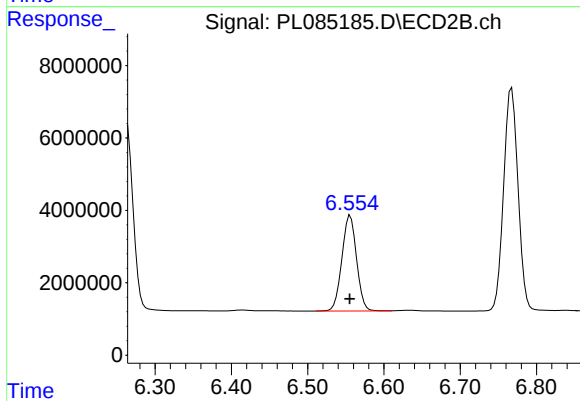
#19 Endosulfan Sulfate

R.T.: 6.263 min  
Delta R.T.: 0.000 min  
Response: 66999463  
Conc: 55.83 ng/ml



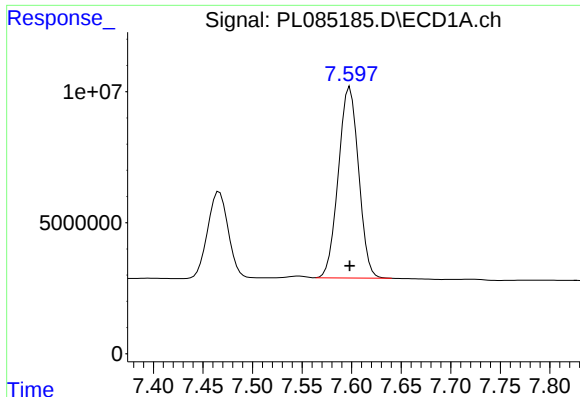
#20 Methoxychlor

R.T.: 7.467 min  
Delta R.T.: 0.000 min  
Response: 47750471  
Conc: 52.55 ng/ml



#20 Methoxychlor

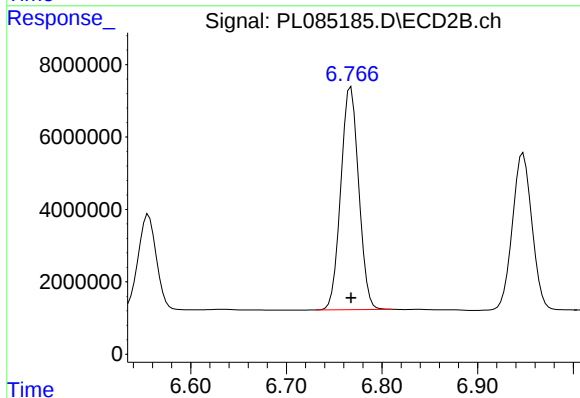
R.T.: 6.556 min  
Delta R.T.: 0.000 min  
Response: 35258065  
Conc: 52.41 ng/ml



#21 Endrin ketone

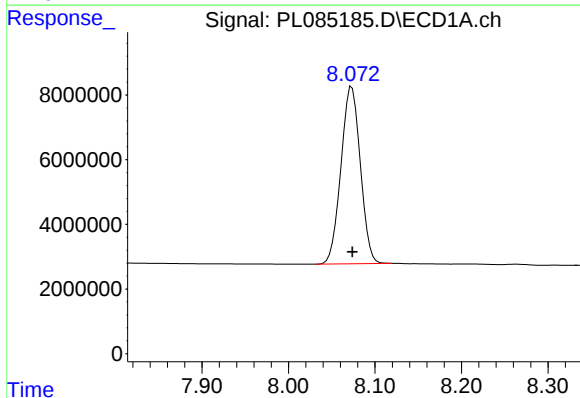
R.T.: 7.598 min  
Delta R.T.: 0.000 min  
Response: 103522789  
Conc: 52.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



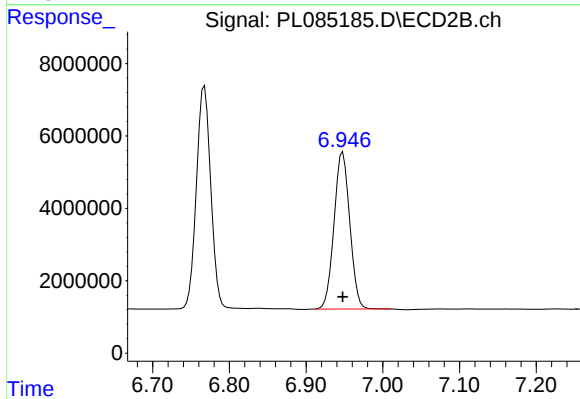
#21 Endrin ketone

R.T.: 6.767 min  
Delta R.T.: 0.000 min  
Response: 80298945  
Conc: 54.44 ng/ml



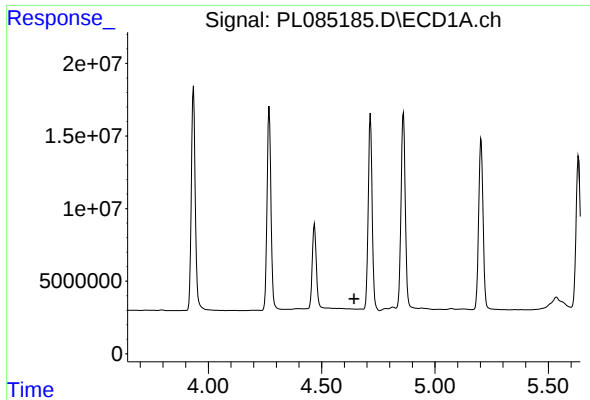
#22 Mirex

R.T.: 8.073 min  
Delta R.T.: 0.000 min  
Response: 84952042  
Conc: 51.01 ng/ml



#22 Mirex

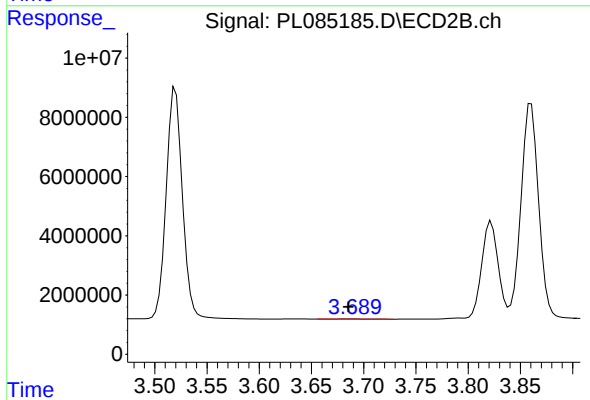
R.T.: 6.948 min  
Delta R.T.: 0.000 min  
Response: 61738392  
Conc: 52.13 ng/ml



#23 Chlordane-1

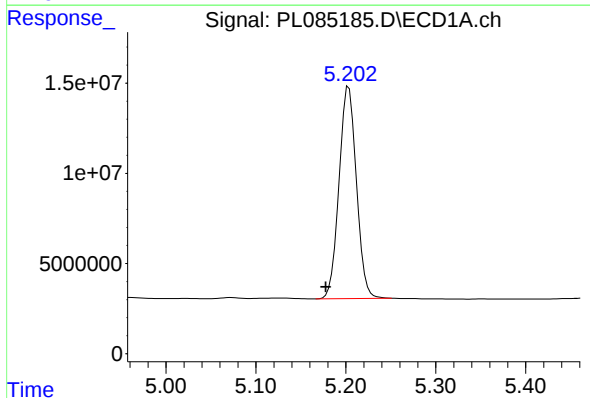
R.T.: 0.000 min  
Exp R.T.: 4.644 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



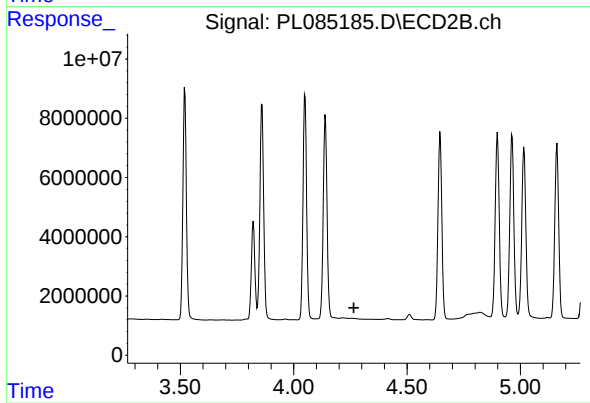
#23 Chlordane-1

R.T.: 3.687 min  
Delta R.T.: 0.002 min  
Response: 85180  
Conc: 2.19 ng/ml



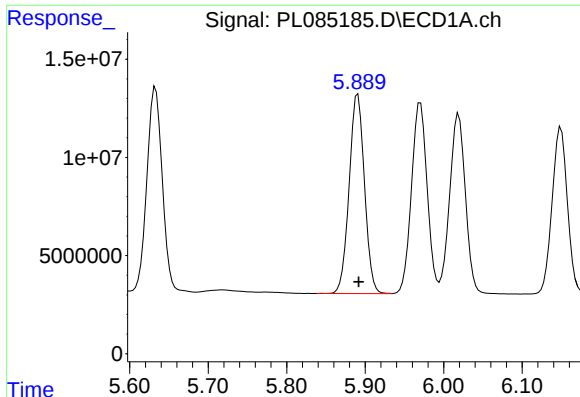
#24 Chlordane-2

R.T.: 5.203 min  
Delta R.T.: 0.026 min  
Response: 157820433  
Conc: 1506.49 ng/ml



#24 Chlordane-2

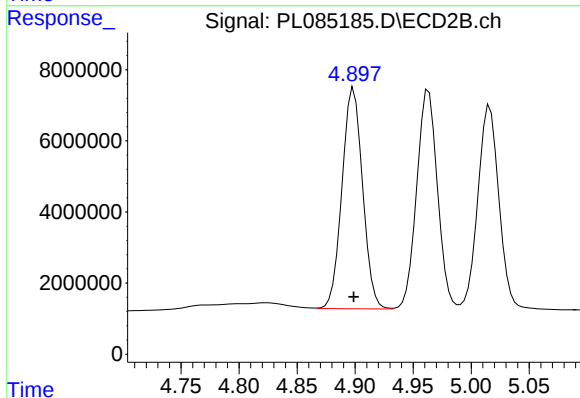
R.T.: 0.000 min  
Exp R.T.: 4.266 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

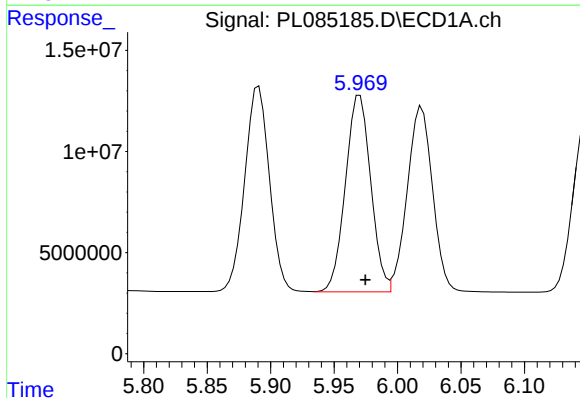
R.T.: 5.891 min  
Delta R.T.: -0.001 min  
Response: 137807466  
Conc: 381.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



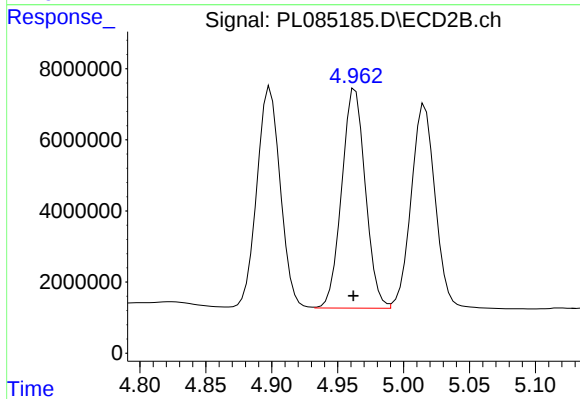
#25 Chlordane-3

R.T.: 4.899 min  
Delta R.T.: 0.000 min  
Response: 76794258  
Conc: 571.90 ng/ml



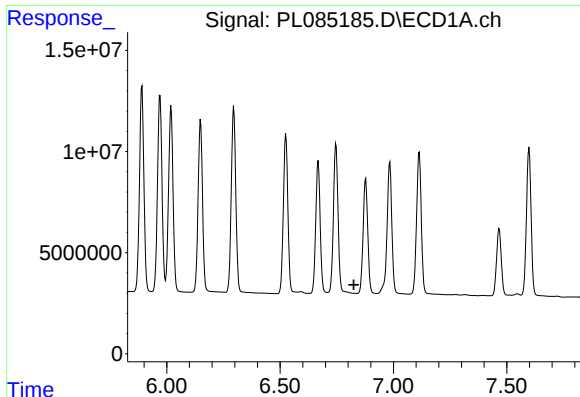
#26 Chlordane-4

R.T.: 5.970 min  
Delta R.T.: -0.004 min  
Response: 134857583  
Conc: 310.84 ng/ml



#26 Chlordane-4

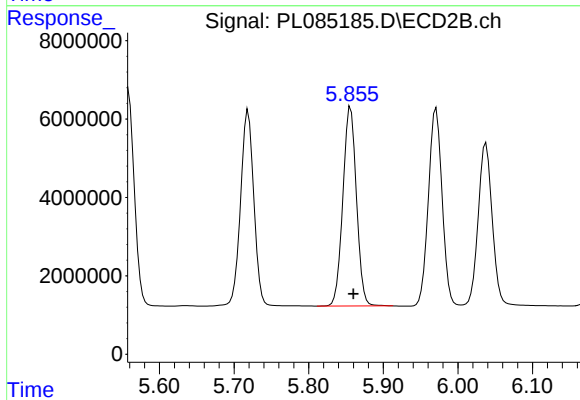
R.T.: 4.963 min  
Delta R.T.: 0.001 min  
Response: 76931264  
Conc: 517.33 ng/ml



#27 Chlordane-5

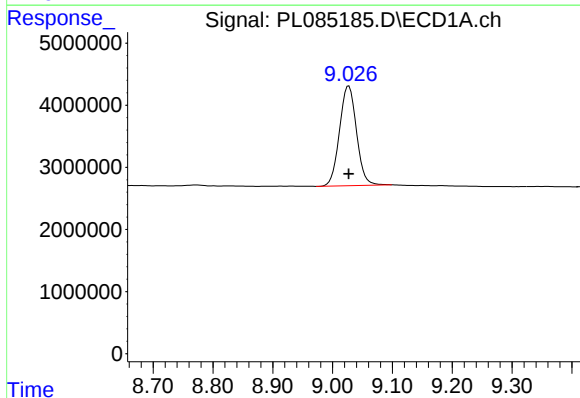
R.T.: 0.000 min  
Exp R.T.: 6.825 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



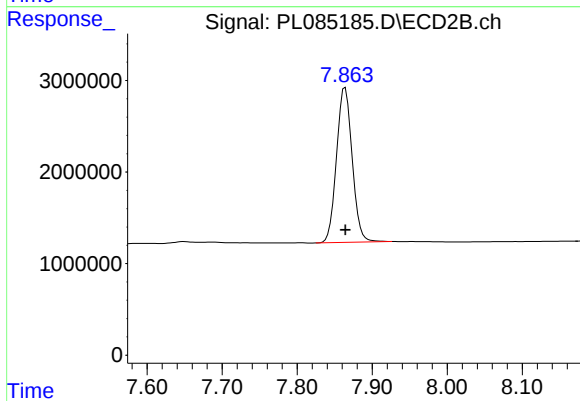
#27 Chlordane-5

R.T.: 5.856 min  
Delta R.T.: -0.004 min  
Response: 64077276  
Conc: 1258.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: 0.000 min  
Response: 31755784  
Conc: 19.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.864 min  
Delta R.T.: 0.000 min  
Response: 24568869  
Conc: 18.46 ng/ml