

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091423\  
 Data File : PL085318.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Sep 2023 17:14  
 Operator : AR\AJ  
 Sample : PCHLORCCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 13 18:52:51 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... | 3.475  | 2.682  | 113.0E6  | 66926578 | 46.218  | 58.904 # |
| 2)                          | SA Decachlor... | 9.024  | 7.861  | 80272390 | 63499108 | 49.917  | 47.704   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.947  | 3.171f | 3178468  | 92179    | 0.922   | 0.056 #  |
| 3)                          | MA gamma-BHC... | 4.291f | 0.000  | 1005174  | 0        | 0.303   | N.D. #   |
| 4)                          | MA Heptachlor   | 4.859  | 3.858  | 68332577 | 29614150 | 20.723  | 19.513   |
| 5)                          | MB Aldrin       | 5.176f | 4.159f | 51071127 | 2566595  | 16.609  | 1.679 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.042  | 0        | 2547376  | N.D.    | 1.629 #  |
| 8)                          | B Heptachlo...  | 5.616f | 0.000  | 28283145 | 0        | 10.837  | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.008  | 0        | 5630574  | N.D.    | 1.477 #  |
| 10)                         | B gamma-Chl...  | 5.890  | 4.897  | 176.2E6  | 66428771 | 67.838  | 48.161 # |
| 11)                         | B alpha-Chl...  | 5.972  | 4.960  | 210.6E6  | 69530620 | 81.866  | 46.528 # |
| 12)                         | B 4,4'-DDE      | 6.126f | 5.182f | 1326871  | 176980   | 0.638   | 0.142 #  |
| 13)                         | MA Dieldrin     | 6.295  | 5.306f | 10119804 | 262303   | 4.153   | 0.187 #  |
| 14)                         | MA Endrin       | 6.547f | 5.571  | -17099   | 5945270  | N.D.    | 4.651    |
| 15)                         | B Endosulfa...  | 6.731f | 5.858  | 8637224  | 24895053 | 4.268   | 20.105 # |
| 16)                         | A 4,4'-DDD      | 6.679  | 5.725  | 9151222  | 132247   | 5.944   | 0.126 #  |
| 18)                         | B Endrin al...  | 6.878  | 6.044  | 2701528  | 2063526  | 1.758   | 2.020    |
| 20)                         | A Methoxychlor  | 7.488f | 6.573f | 171937   | 18630    | 0.189   | 0.028 #  |
| 21)                         | B Endrin ke...  | 7.617f | 6.752f | -1831    | 130084   | N.D.    | 0.088    |
| 23)                         | Chlordane-1     | 4.643  | 3.683  | 49040300 | 19198302 | 492.831 | 494.026  |
| 24)                         | Chlordane-2     | 5.176  | 4.265  | 51071127 | 23488627 | 487.503 | 487.350  |
| 25)                         | Chlordane-3     | 5.890  | 4.897  | 176.2E6  | 66428771 | 487.566 | 494.710  |
| 26)                         | Chlordane-4     | 5.972  | 4.960  | 210.6E6  | 69530620 | 485.526 | 467.566  |
| 27)                         | Chlordane-5     | 6.822  | 5.858  | 34451998 | 24895053 | 493.452 | 489.049  |
| -----                       |                 |        |        |          |          |         |          |

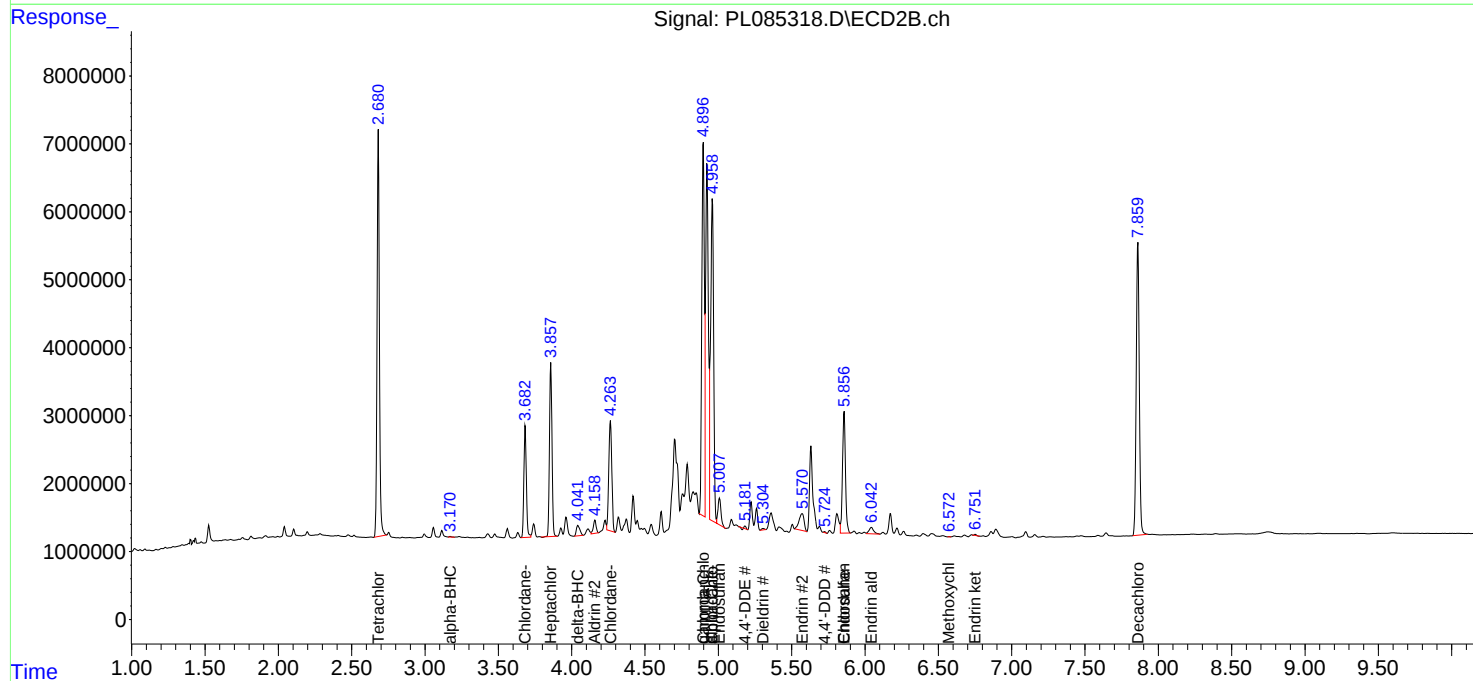
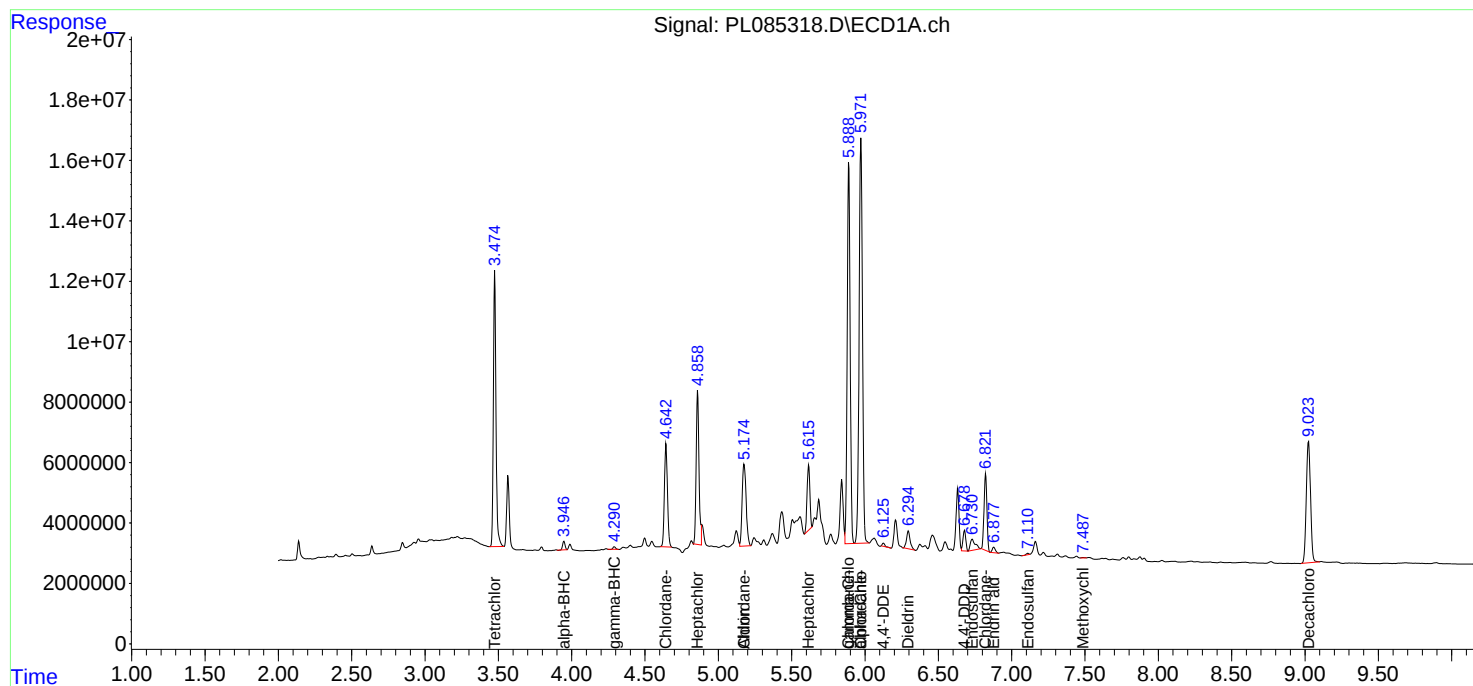
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

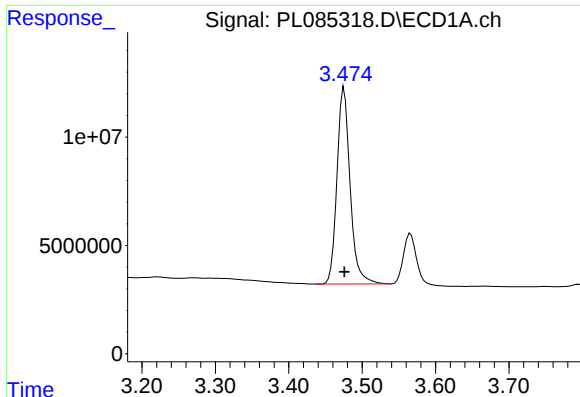
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091423\  
Data File : PL085318.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Sep 2023 17:14  
Operator : AR\AJ  
Sample : PCHLORCCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 13 18:52:51 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

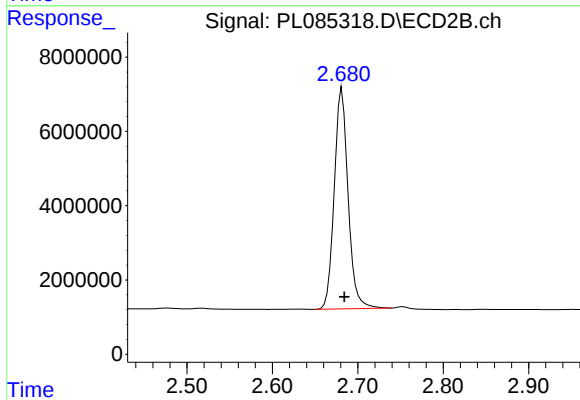




#1 Tetrachloro-m-xylene

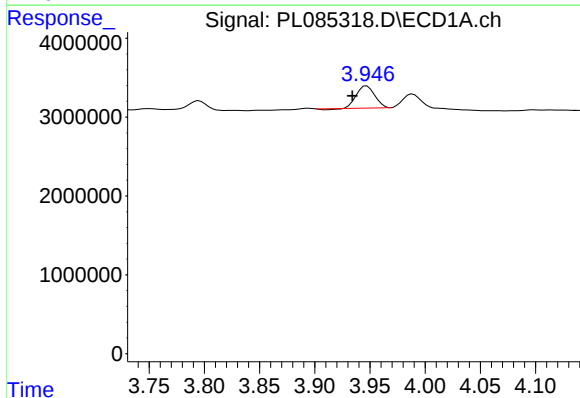
R.T.: 3.475 min  
Delta R.T.: 0.000 min  
Response: 113046502  
Conc: 46.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



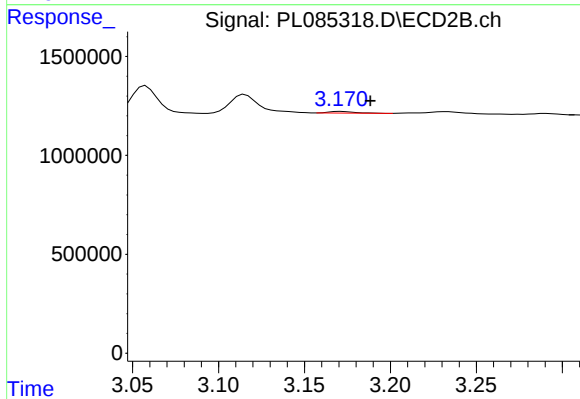
#1 Tetrachloro-m-xylene

R.T.: 2.682 min  
Delta R.T.: -0.003 min  
Response: 66926578  
Conc: 58.90 ng/ml



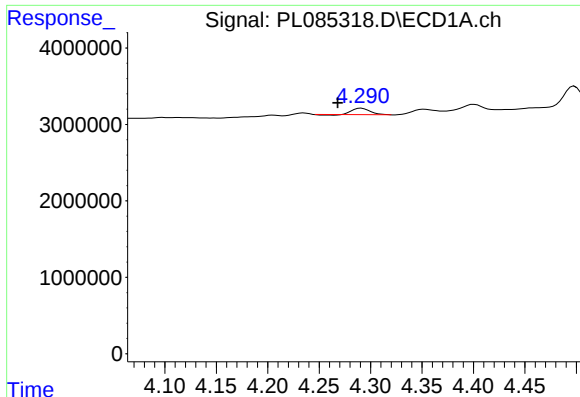
#2 alpha-BHC

R.T.: 3.947 min  
Delta R.T.: 0.013 min  
Response: 3178468  
Conc: 0.92 ng/ml



#2 alpha-BHC

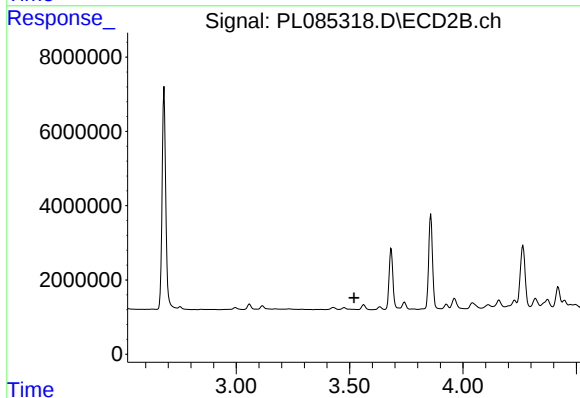
R.T.: 3.171 min  
Delta R.T.: -0.017 min  
Response: 92179  
Conc: 0.06 ng/ml



#3 gamma-BHC (Lindane)

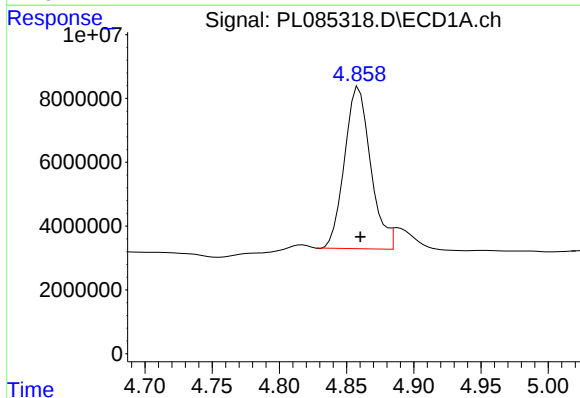
R.T.: 4.291 min  
Delta R.T.: 0.023 min  
Response: 1005174  
Conc: 0.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



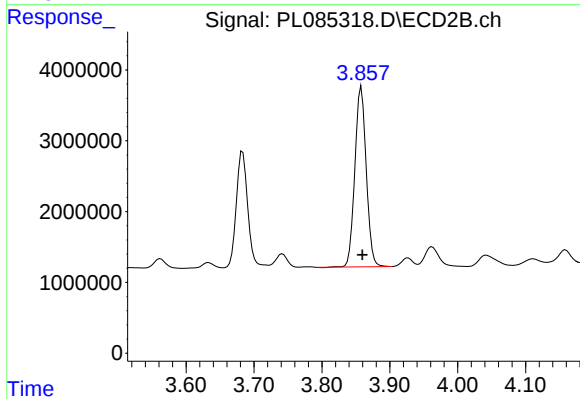
#3 gamma-BHC (Lindane)

R.T.: 0.000 min  
Exp R.T. : 3.519 min  
Response: 0  
Conc: N.D.



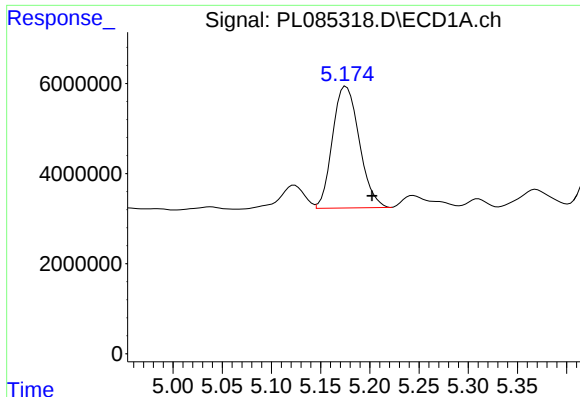
#4 Heptachlor

R.T.: 4.859 min  
Delta R.T.: -0.001 min  
Response: 68332577  
Conc: 20.72 ng/ml



#4 Heptachlor

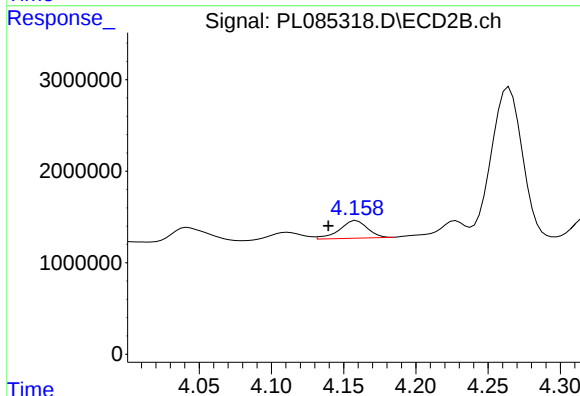
R.T.: 3.858 min  
Delta R.T.: -0.002 min  
Response: 29614150  
Conc: 19.51 ng/ml



#5 Aldrin

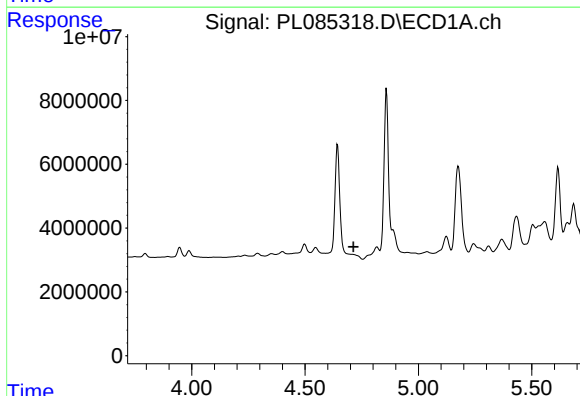
R.T.: 5.176 min  
Delta R.T.: -0.026 min  
Response: 51071127  
Conc: 16.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



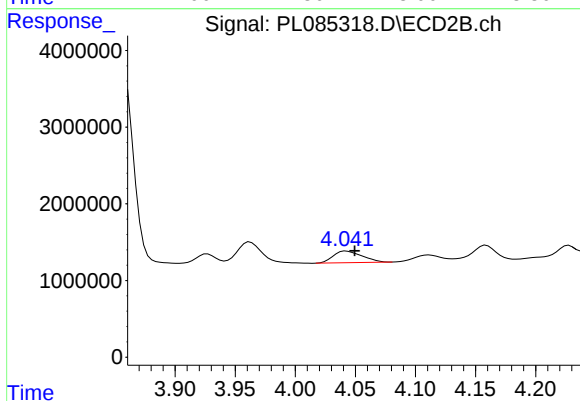
#5 Aldrin

R.T.: 4.159 min  
Delta R.T.: 0.020 min  
Response: 2566595  
Conc: 1.68 ng/ml



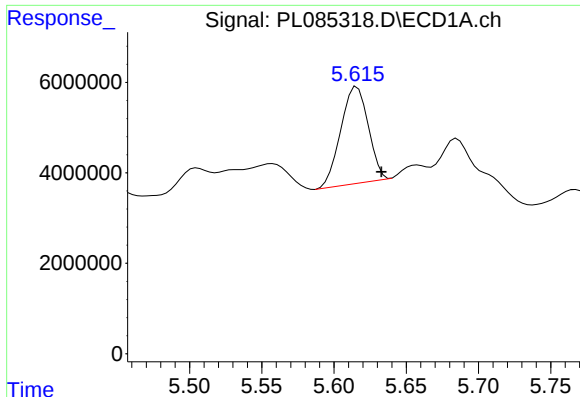
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.714 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

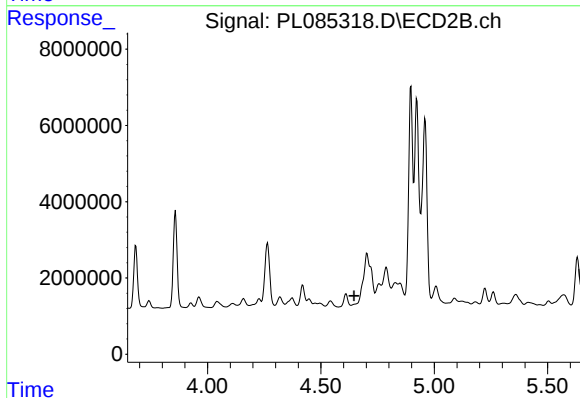
R.T.: 4.042 min  
Delta R.T.: -0.007 min  
Response: 2547376  
Conc: 1.63 ng/ml



#8 Heptachlor epoxide

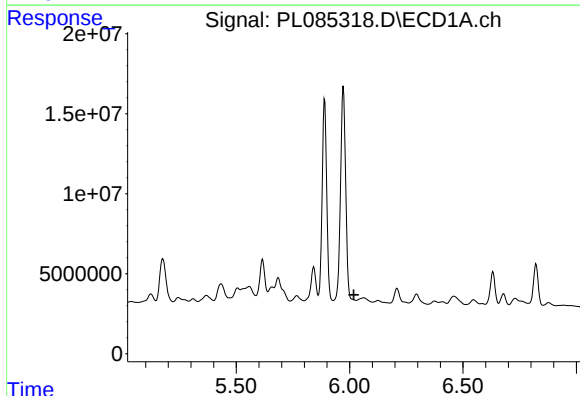
R.T.: 5.616 min  
Delta R.T.: -0.017 min  
Response: 28283145  
Conc: 10.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



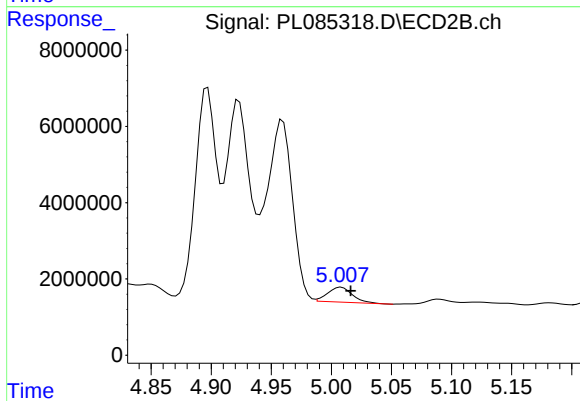
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.646 min  
Response: 0  
Conc: N.D.



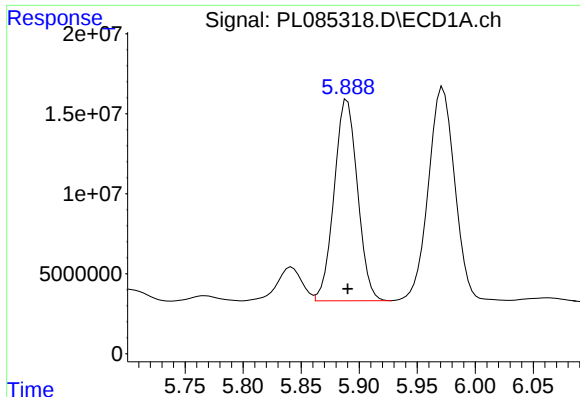
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.019 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

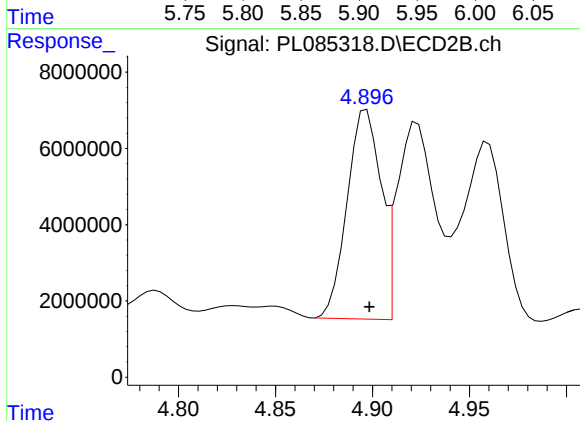
R.T.: 5.008 min  
Delta R.T.: -0.008 min  
Response: 5630574  
Conc: 1.48 ng/ml



#10 gamma-Chlordane

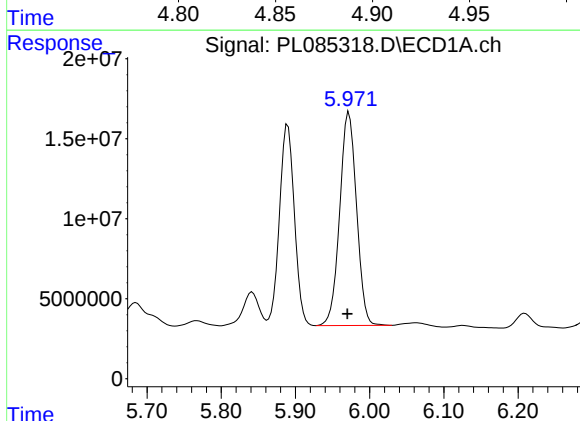
R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 176227380  
Conc: 67.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



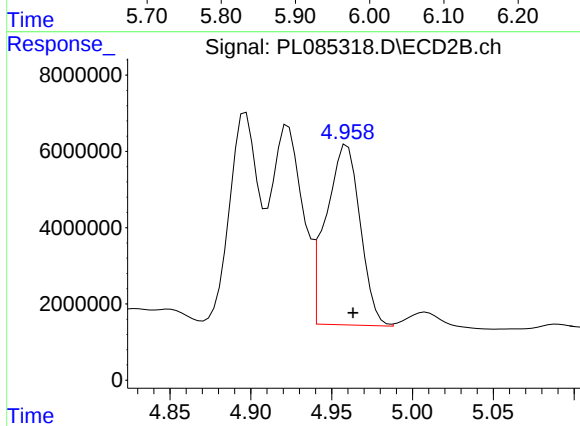
#10 gamma-Chlordane

R.T.: 4.897 min  
Delta R.T.: -0.001 min  
Response: 66428771  
Conc: 48.16 ng/ml



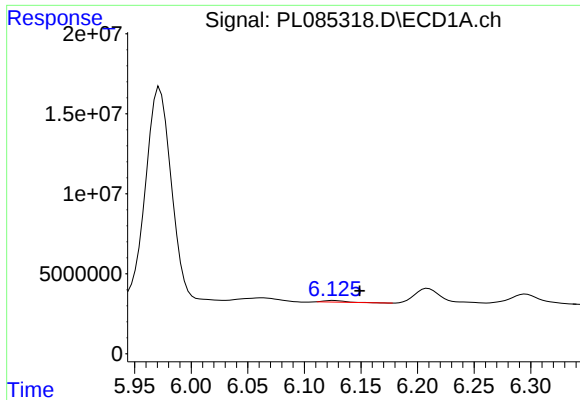
#11 alpha-Chlordane

R.T.: 5.972 min  
Delta R.T.: 0.002 min  
Response: 210644131  
Conc: 81.87 ng/ml



#11 alpha-Chlordane

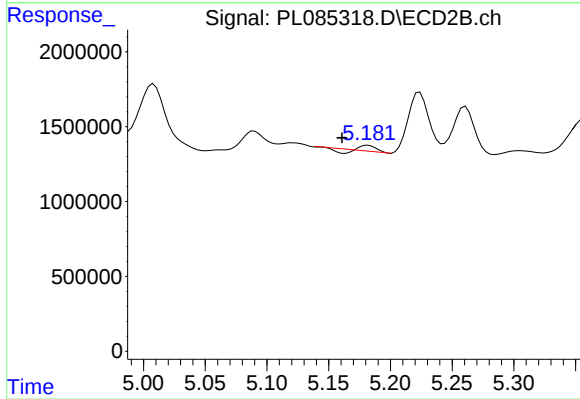
R.T.: 4.960 min  
Delta R.T.: -0.004 min  
Response: 69530620  
Conc: 46.53 ng/ml



#12 4,4'-DDE

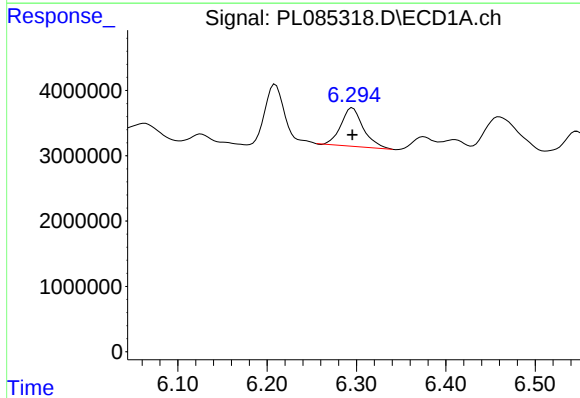
R.T.: 6.126 min  
Delta R.T.: -0.023 min  
Response: 1326871  
Conc: 0.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



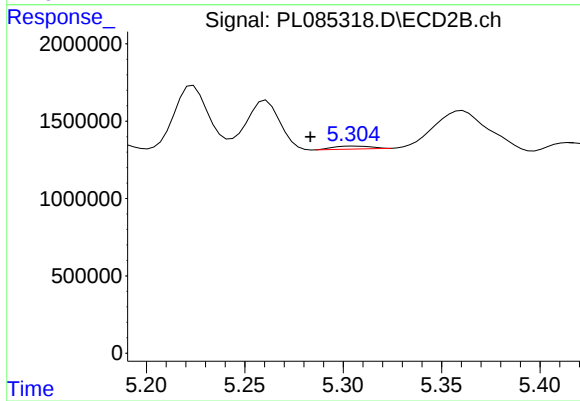
#12 4,4'-DDE

R.T.: 5.182 min  
Delta R.T.: 0.021 min  
Response: 176980  
Conc: 0.14 ng/ml



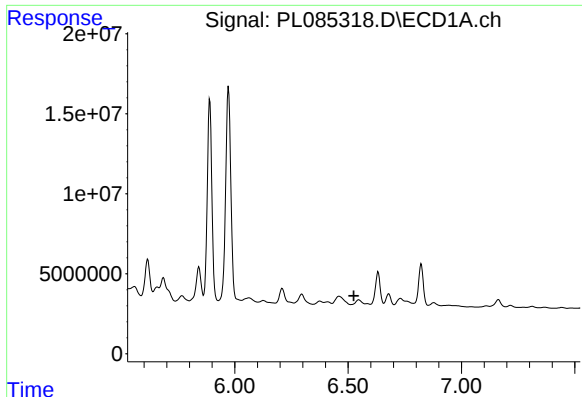
#13 Dieldrin

R.T.: 6.295 min  
Delta R.T.: 0.000 min  
Response: 10119804  
Conc: 4.15 ng/ml



#13 Dieldrin

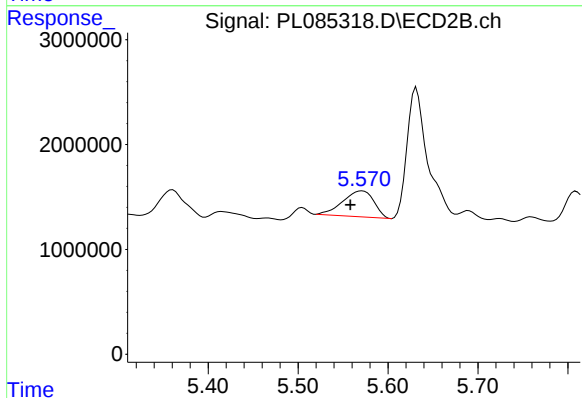
R.T.: 5.306 min  
Delta R.T.: 0.022 min  
Response: 262303  
Conc: 0.19 ng/ml



#14 Endrin

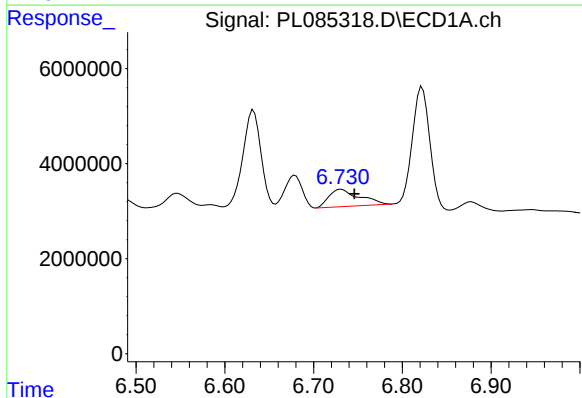
R.T.: 6.547 min  
Delta R.T.: 0.022 min  
Response: -17099  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



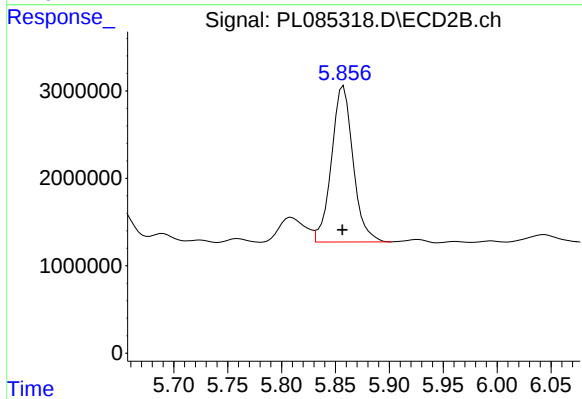
#14 Endrin

R.T.: 5.571 min  
Delta R.T.: 0.013 min  
Response: 5945270  
Conc: 4.65 ng/ml



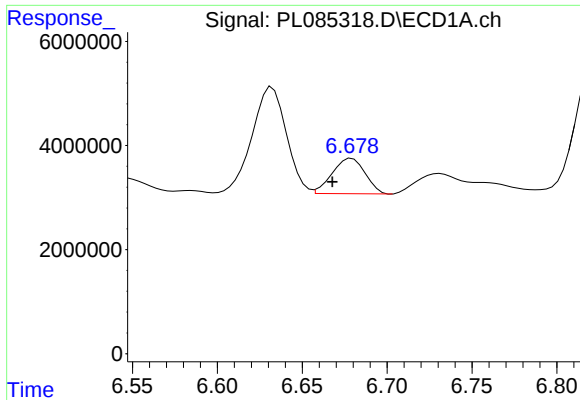
#15 Endosulfan II

R.T.: 6.731 min  
Delta R.T.: -0.015 min  
Response: 8637224  
Conc: 4.27 ng/ml



#15 Endosulfan II

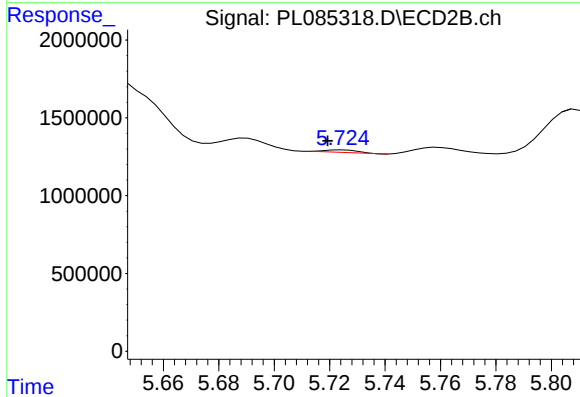
R.T.: 5.858 min  
Delta R.T.: 0.000 min  
Response: 24895053  
Conc: 20.11 ng/ml



#16 4,4'-DDD

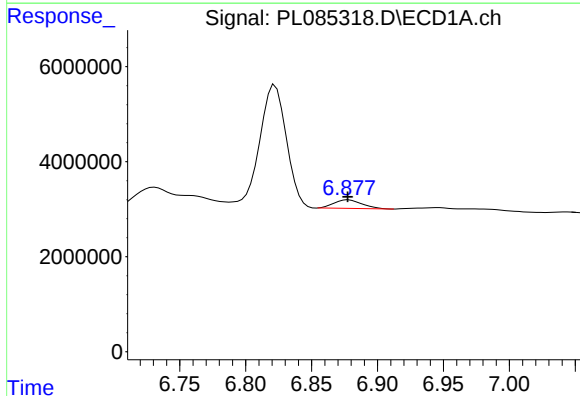
R.T.: 6.679 min  
Delta R.T.: 0.011 min  
Response: 9151222  
Conc: 5.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



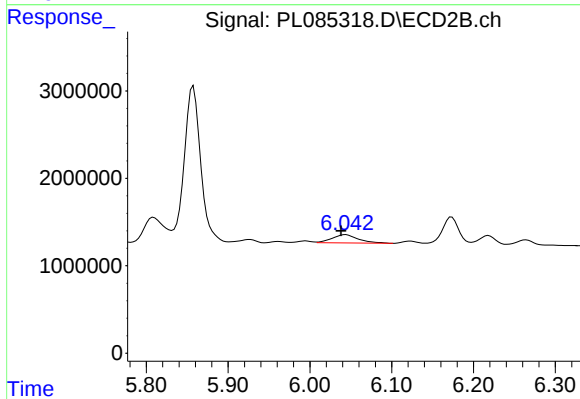
#16 4,4'-DDD

R.T.: 5.725 min  
Delta R.T.: 0.005 min  
Response: 132247  
Conc: 0.13 ng/ml



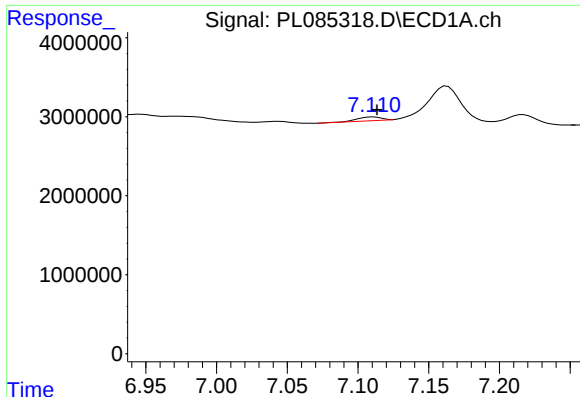
#18 Endrin aldehyde

R.T.: 6.878 min  
Delta R.T.: 0.000 min  
Response: 2701528  
Conc: 1.76 ng/ml



#18 Endrin aldehyde

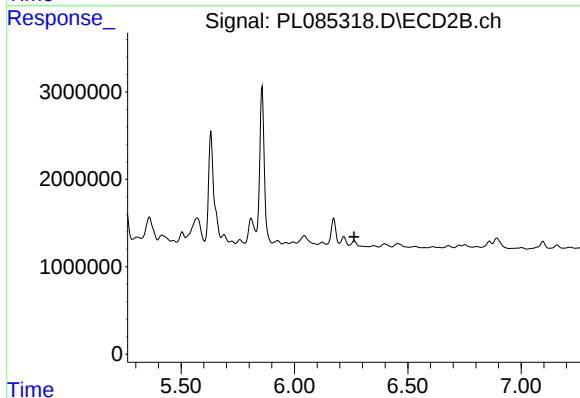
R.T.: 6.044 min  
Delta R.T.: 0.005 min  
Response: 2063526  
Conc: 2.02 ng/ml



#19 Endosulfan Sulfate

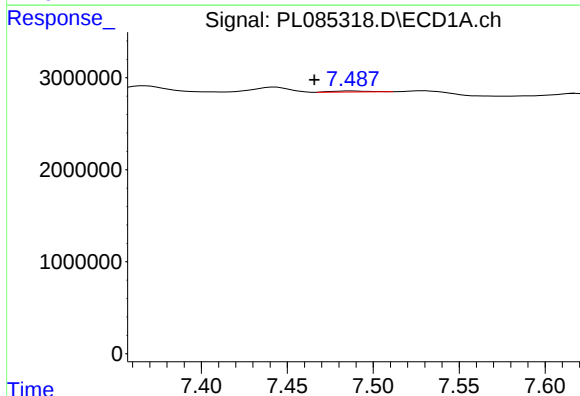
R.T.: 7.111 min  
Delta R.T.: -0.003 min  
Response: 532900  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



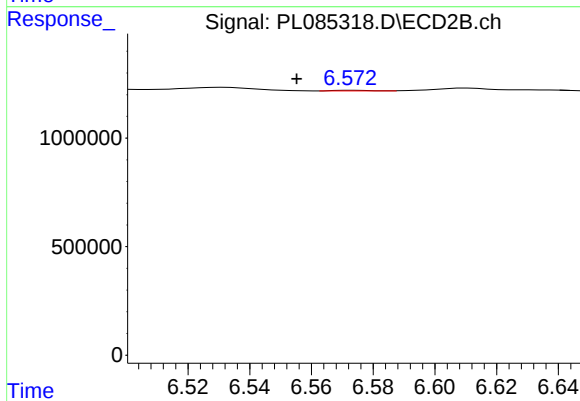
#19 Endosulfan Sulfate

R.T.: 6.264 min  
Delta R.T.: 0.001 min  
Response: -963000  
Conc: N.D.



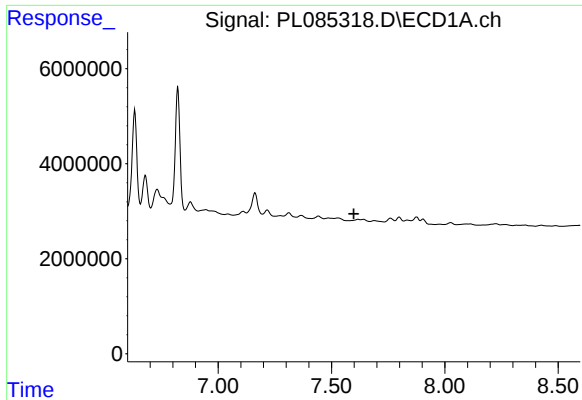
#20 Methoxychlor

R.T.: 7.488 min  
Delta R.T.: 0.022 min  
Response: 171937  
Conc: 0.19 ng/ml



#20 Methoxychlor

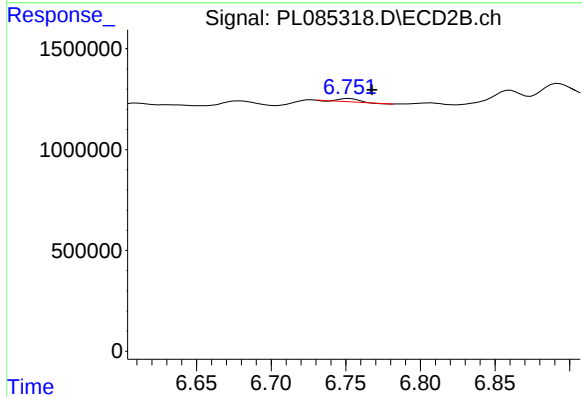
R.T.: 6.573 min  
Delta R.T.: 0.018 min  
Response: 18630  
Conc: 0.03 ng/ml



#21 Endrin ketone

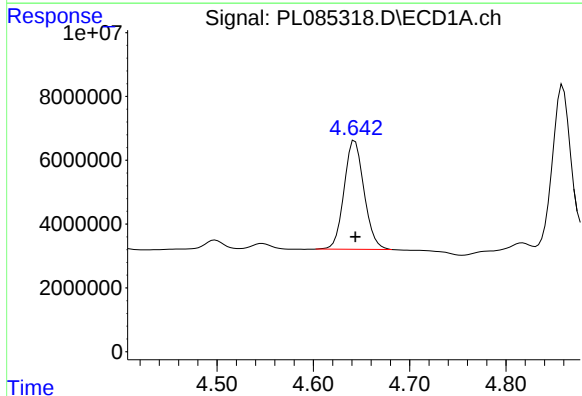
R.T.: 7.617 min  
Delta R.T.: 0.019 min  
Response: -1831  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



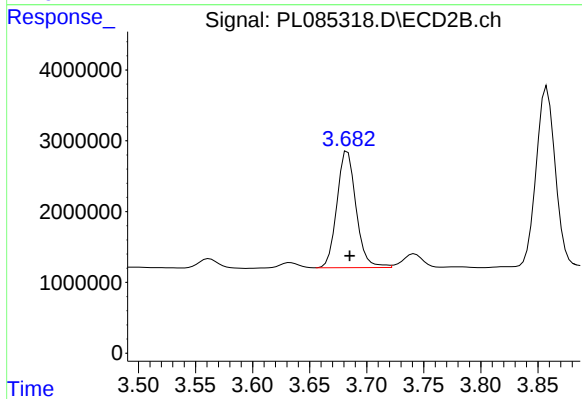
#21 Endrin ketone

R.T.: 6.752 min  
Delta R.T.: -0.015 min  
Response: 130084  
Conc: 0.09 ng/ml



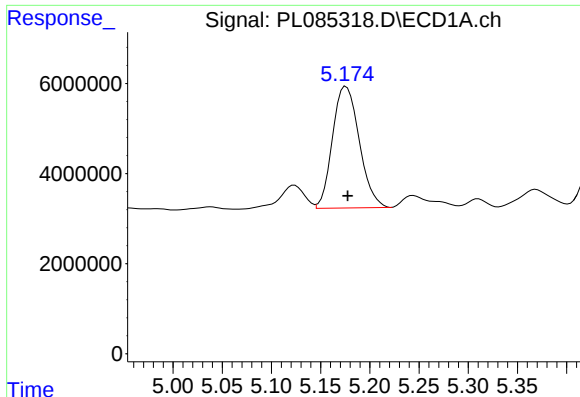
#23 Chlordane-1

R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 49040300  
Conc: 492.83 ng/ml



#23 Chlordane-1

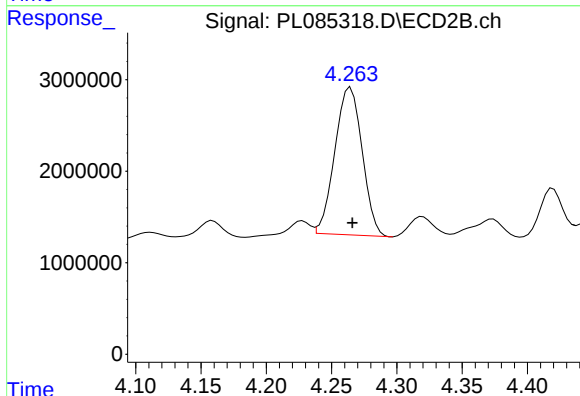
R.T.: 3.683 min  
Delta R.T.: -0.002 min  
Response: 19198302  
Conc: 494.03 ng/ml



#24 Chlordane-2

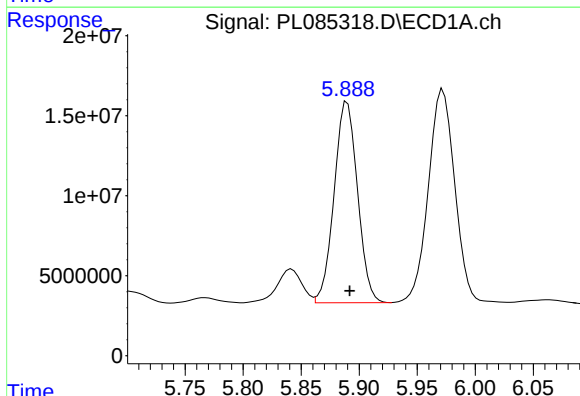
R.T.: 5.176 min  
Delta R.T.: -0.002 min  
Response: 51071127  
Conc: 487.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



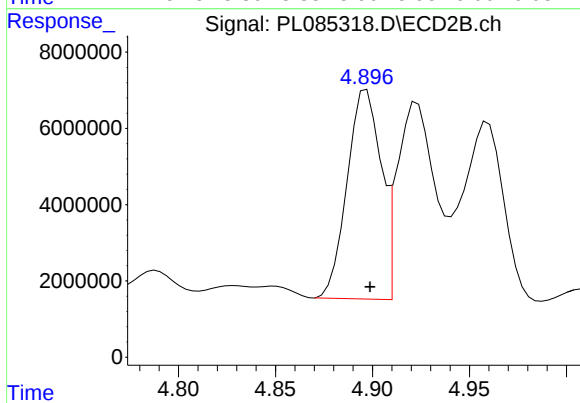
#24 Chlordane-2

R.T.: 4.265 min  
Delta R.T.: -0.001 min  
Response: 23488627  
Conc: 487.35 ng/ml



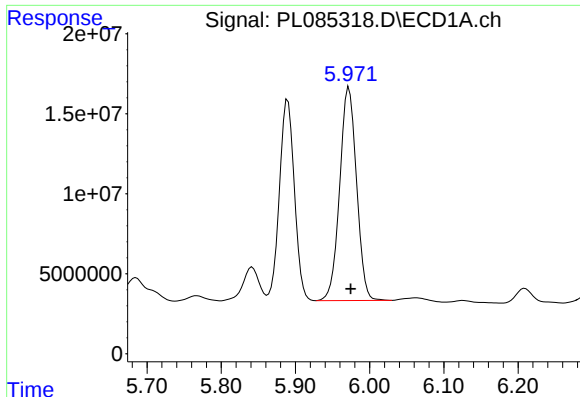
#25 Chlordane-3

R.T.: 5.890 min  
Delta R.T.: -0.002 min  
Response: 176227380  
Conc: 487.57 ng/ml



#25 Chlordane-3

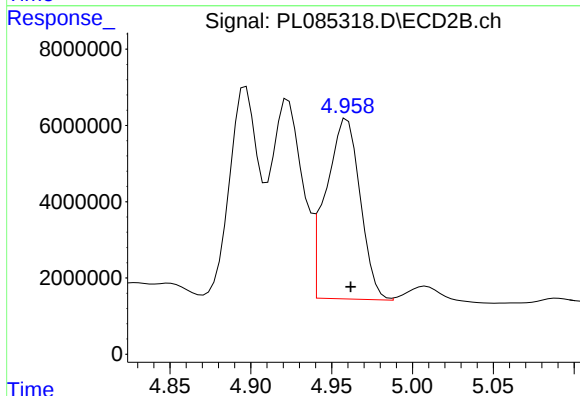
R.T.: 4.897 min  
Delta R.T.: -0.002 min  
Response: 66428771  
Conc: 494.71 ng/ml



#26 Chlordane-4

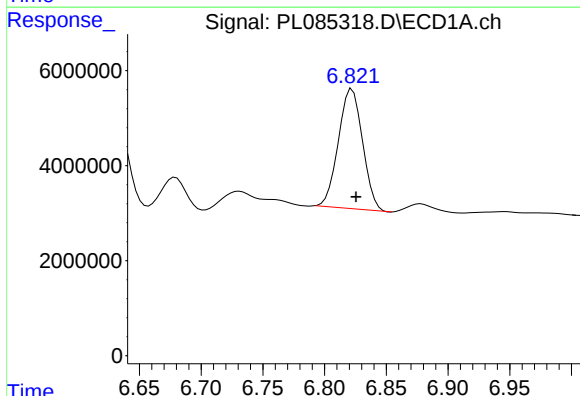
R.T.: 5.972 min  
Delta R.T.: -0.002 min  
Response: 210644131  
Conc: 485.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



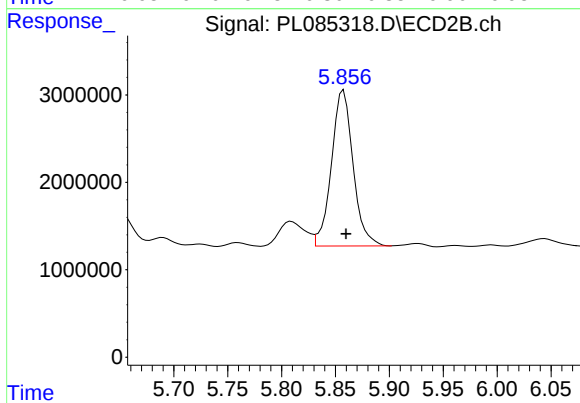
#26 Chlordane-4

R.T.: 4.960 min  
Delta R.T.: -0.002 min  
Response: 69530620  
Conc: 467.57 ng/ml



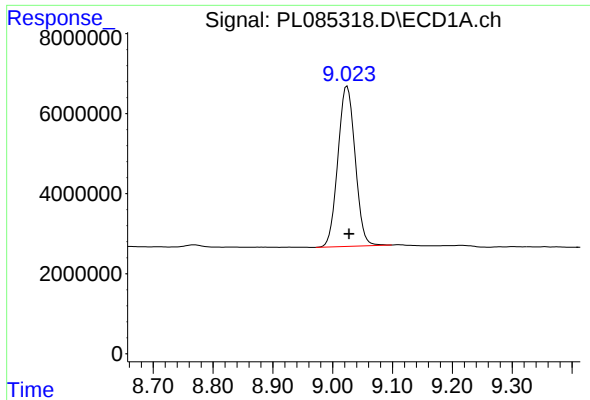
#27 Chlordane-5

R.T.: 6.822 min  
Delta R.T.: -0.003 min  
Response: 34451998  
Conc: 493.45 ng/ml



#27 Chlordane-5

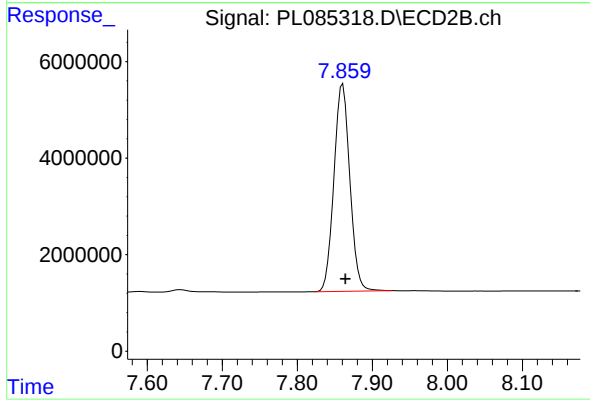
R.T.: 5.858 min  
Delta R.T.: -0.003 min  
Response: 24895053  
Conc: 489.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min  
Delta R.T.: -0.003 min  
Response: 80272390  
Conc: 49.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.861 min  
Delta R.T.: -0.004 min  
Response: 63499108  
Conc: 47.70 ng/ml