

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081023\  
 Data File : PL084650.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2023 11:59  
 Operator : AR\AJ  
 Sample : 03572-08  
 Misc : CH LOD 50PPB  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 10 21:32:47 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 16:21:43 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... | 3.486  | 2.688  | 39515170 | 21474960 | 17.007 | 19.749   |
| 28)                         | SA Decachlor... | 9.037  | 7.872  | 32784759 | 26004920 | 20.149 | 20.857   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.960f | 0.000  | 60963    | 0        | 0.018  | N.D. #   |
| 4)                          | MA Heptachlor   | 4.870  | 3.865  | 9389762  | 2885885  | 2.792  | 2.026 #  |
| 5)                          | MB Aldrin       | 5.186f | 4.166f | 5392536  | 314318   | 1.631  | 0.216 #  |
| 7)                          | B delta-BHC     | 4.726  | 4.048  | 2472776  | 314023   | 0.767  | 0.207 #  |
| 8)                          | B Heptachlo...  | 5.627  | 0.000  | 3735293  | 0        | 1.240  | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.017  | 0        | 646738   | N.D.   | 0.522 #  |
| 10)                         | B gamma-Chl...  | 5.901  | 4.905  | 16516216 | 6919257  | 5.768  | 5.102    |
| 11)                         | B alpha-Chl...  | 5.983  | 4.968  | 25443577 | 7175402  | 9.012  | 5.266 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.190f | 0        | 71845    | N.D.   | 0.058 #  |
| 13)                         | MA Dieldrin     | 6.305  | 5.270f | 571647   | 194332   | 0.216  | 0.143 #  |
| 14)                         | MA Endrin       | 0.000  | 5.583f | 0        | 635355   | N.D.   | 0.519 #  |
| 15)                         | B Endosulfa...  | 6.739  | 5.866  | 323665   | 2548010  | 0.153  | 2.112 #  |
| 16)                         | A 4,4'-DDD      | 6.643f | 0.000  | 2422658  | 0        | 1.445  | N.D. #   |
| 19)                         | B Endosulfa...  | 0.000  | 6.277  | 0        | 8422     | N.D.   | 0.007 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.765  | 0        | 26299    | N.D.   | 0.018 #  |
| 23)                         | Chlordane-1     | 4.654  | 3.690  | 4405798  | 1961951  | 45.334 | 51.187   |
| 24)                         | Chlordane-2     | 5.186  | 4.271  | 5392536  | 2723145  | 47.233 | 54.366   |
| 25)                         | Chlordane-3     | 5.901  | 4.905  | 16516216 | 6919257  | 40.949 | 49.949   |
| 26)                         | Chlordane-4     | 5.983  | 4.968  | 25443577 | 7175402  | 52.528 | 49.993   |
| 27)                         | Chlordane-5     | 6.834  | 5.866  | 77619    | 2548010  | 1.043  | 50.029 # |
| -----                       |                 |        |        |          |          |        |          |

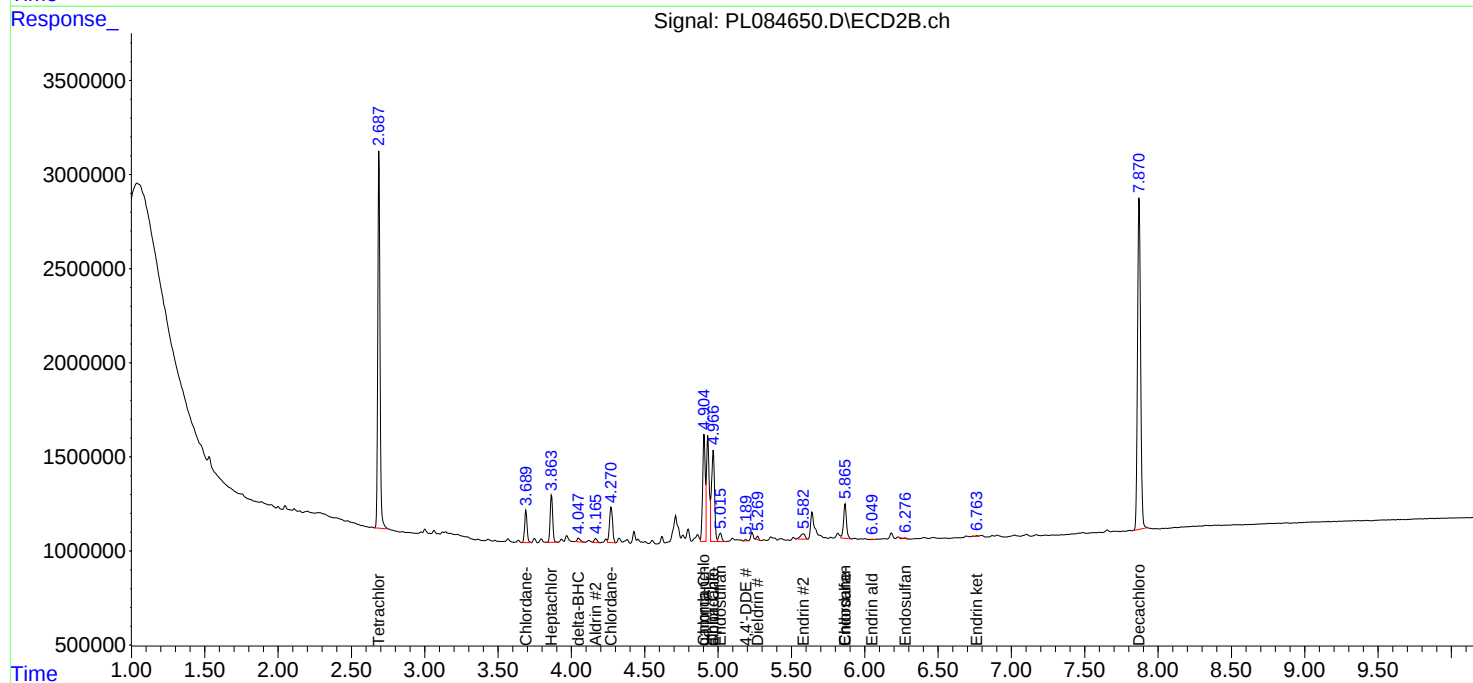
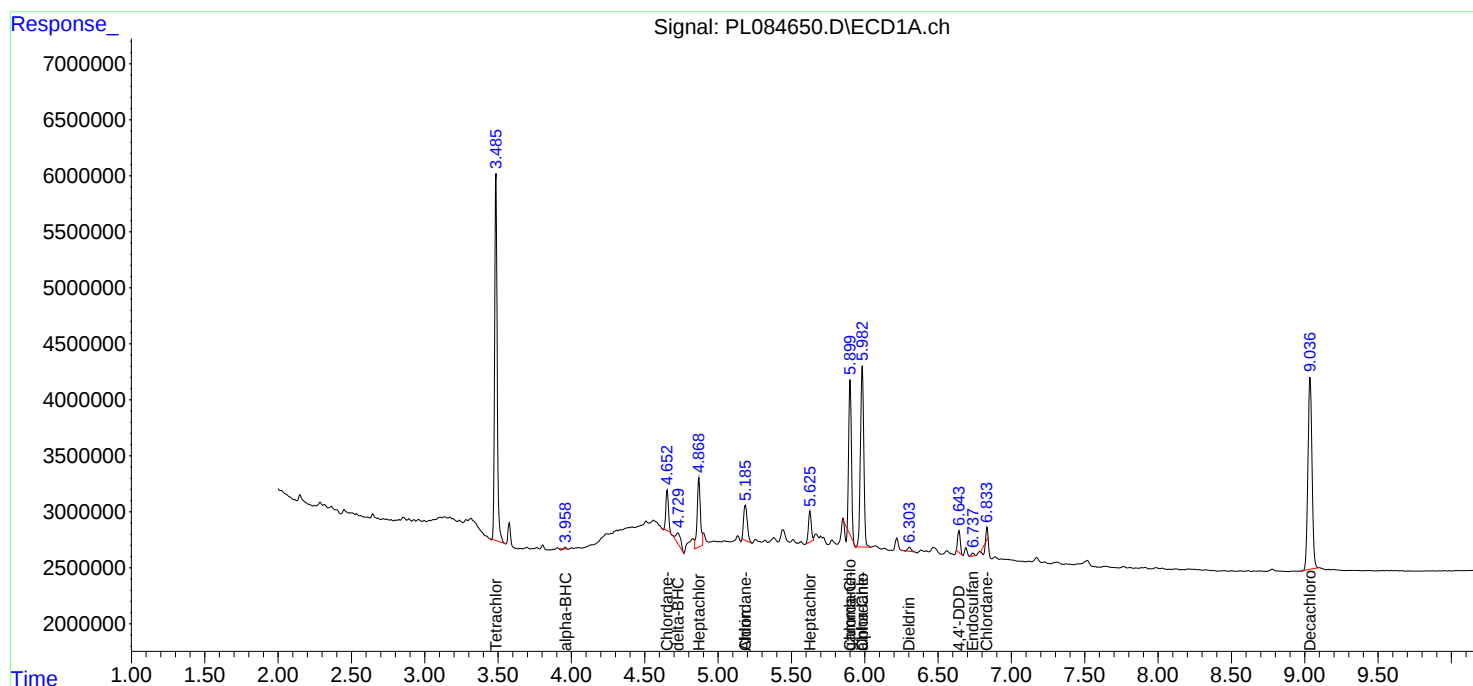
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

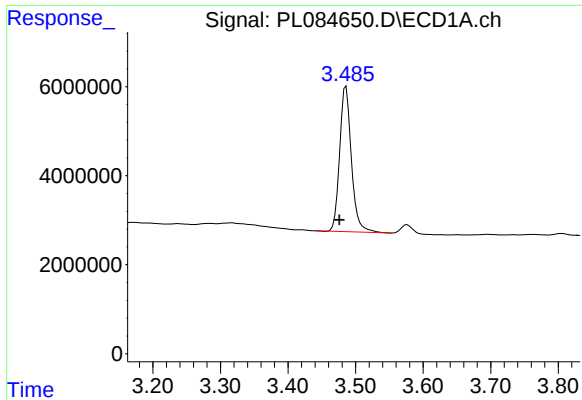
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081023\  
Data File : PL084650.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Aug 2023 11:59  
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ECD\_L  
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Quant Time: Aug 10 21:32:47 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
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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

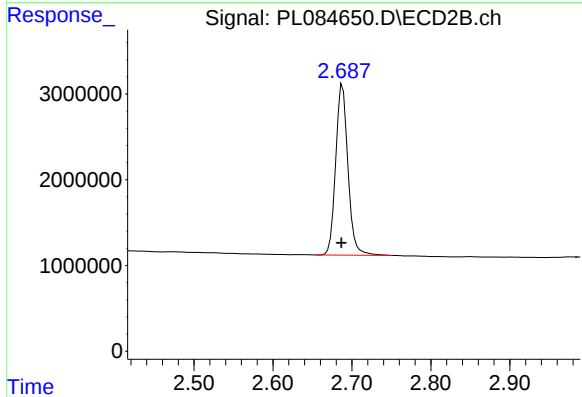




#1 Tetrachloro-m-xylene

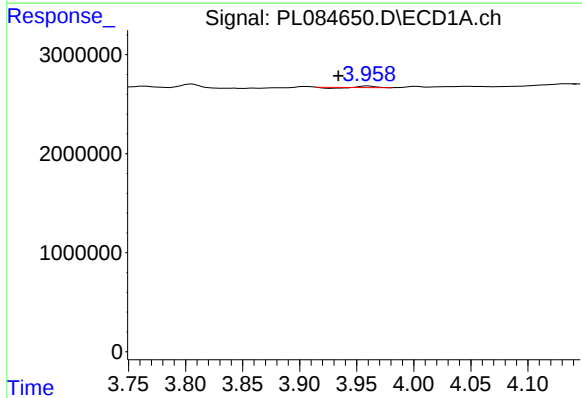
R.T.: 3.486 min  
Delta R.T.: 0.010 min  
Response: 39515170  
Conc: 17.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



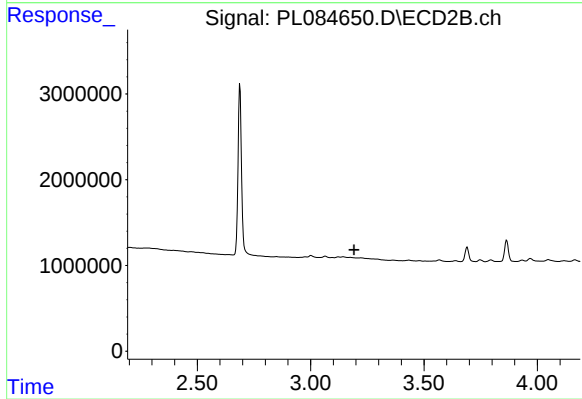
#1 Tetrachloro-m-xylene

R.T.: 2.688 min  
Delta R.T.: 0.001 min  
Response: 21474960  
Conc: 19.75 ng/ml



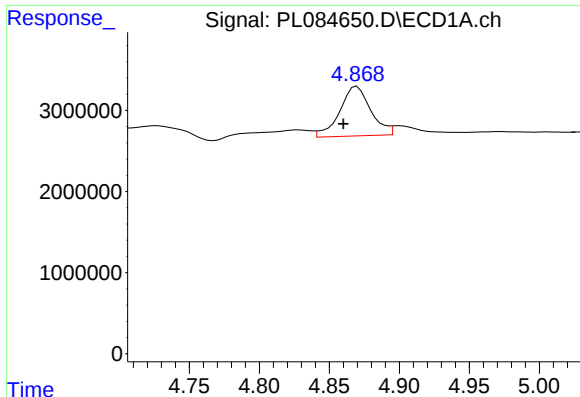
#2 alpha-BHC

R.T.: 3.960 min  
Delta R.T.: 0.026 min  
Response: 60963  
Conc: 0.02 ng/ml



#2 alpha-BHC

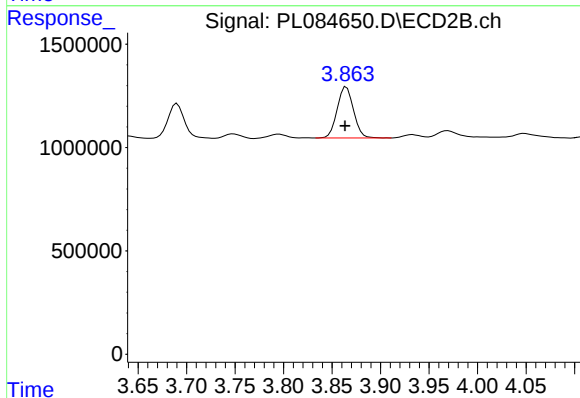
R.T.: 0.000 min  
Exp R.T. : 3.192 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

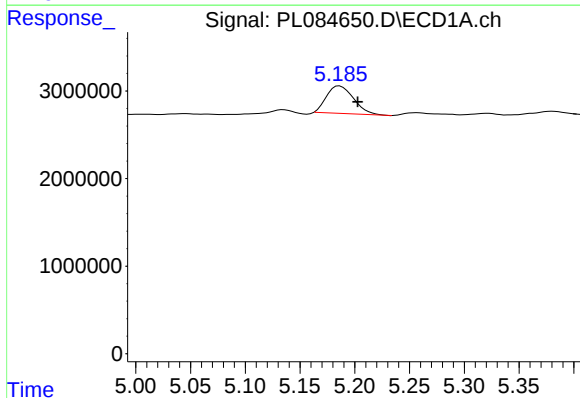
R.T.: 4.870 min  
Delta R.T.: 0.010 min  
Response: 9389762  
Conc: 2.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



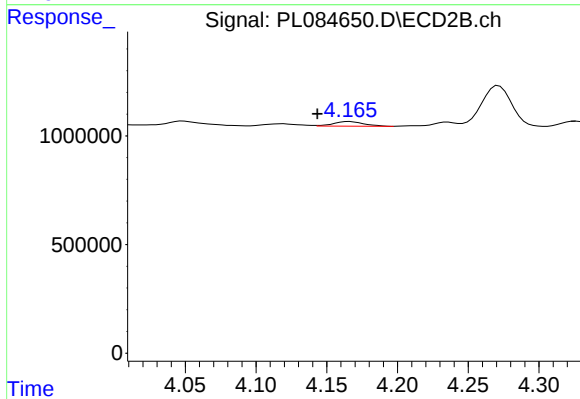
#4 Heptachlor

R.T.: 3.865 min  
Delta R.T.: 0.001 min  
Response: 2885885  
Conc: 2.03 ng/ml



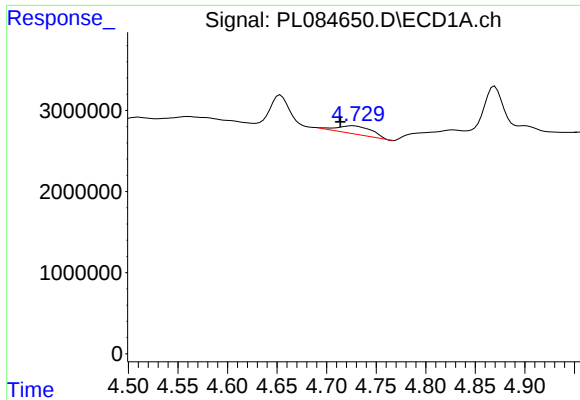
#5 Aldrin

R.T.: 5.186 min  
Delta R.T.: -0.017 min  
Response: 5392536  
Conc: 1.63 ng/ml



#5 Aldrin

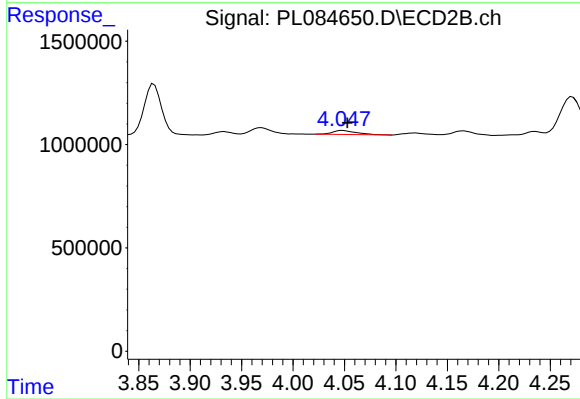
R.T.: 4.166 min  
Delta R.T.: 0.023 min  
Response: 314318  
Conc: 0.22 ng/ml



#7 delta-BHC

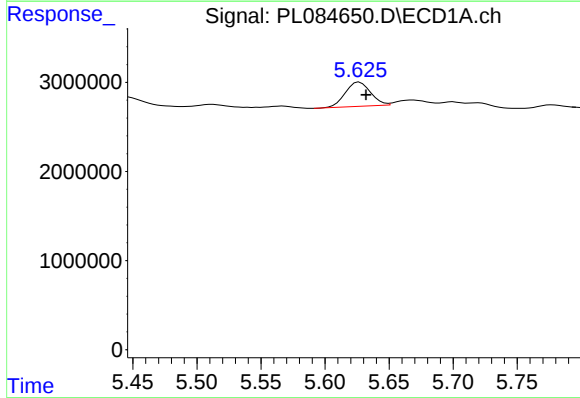
R.T.: 4.726 min  
Delta R.T.: 0.012 min  
Response: 2472776  
Conc: 0.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



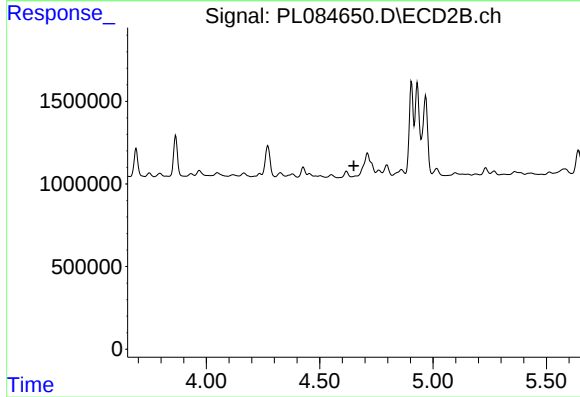
#7 delta-BHC

R.T.: 4.048 min  
Delta R.T.: -0.005 min  
Response: 314023  
Conc: 0.21 ng/ml



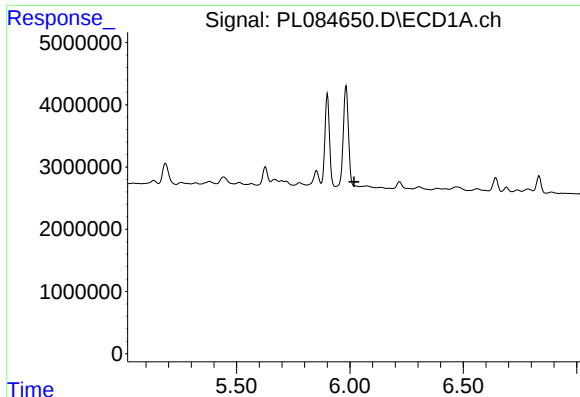
#8 Heptachlor epoxide

R.T.: 5.627 min  
Delta R.T.: -0.005 min  
Response: 3735293  
Conc: 1.24 ng/ml



#8 Heptachlor epoxide

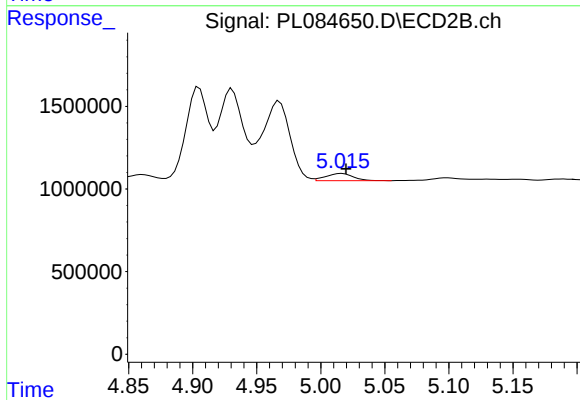
R.T.: 0.000 min  
Exp R.T. : 4.650 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

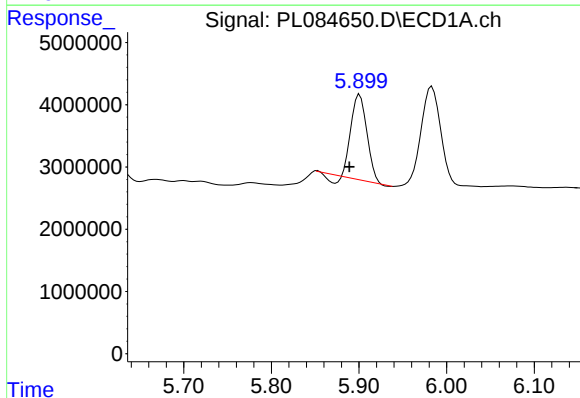
R.T.: 0.000 min  
Exp R.T.: 6.018 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



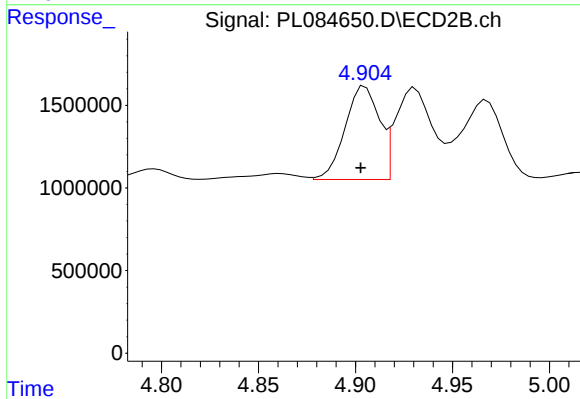
#9 Endosulfan I

R.T.: 5.017 min  
Delta R.T.: -0.003 min  
Response: 646738  
Conc: 0.52 ng/ml



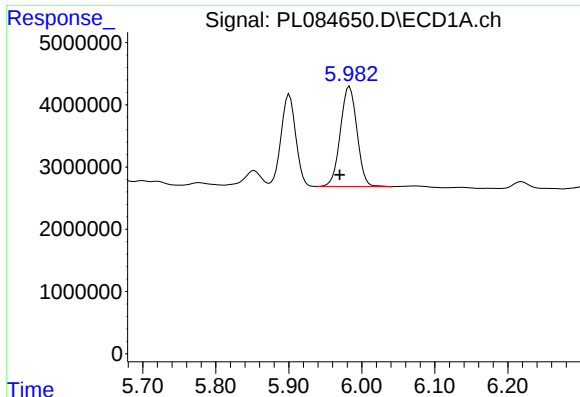
#10 gamma-Chlordane

R.T.: 5.901 min  
Delta R.T.: 0.012 min  
Response: 16516216  
Conc: 5.77 ng/ml



#10 gamma-Chlordane

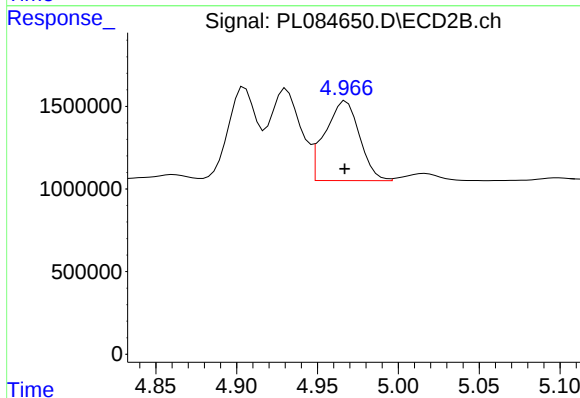
R.T.: 4.905 min  
Delta R.T.: 0.002 min  
Response: 6919257  
Conc: 5.10 ng/ml



#11 alpha-Chlordane

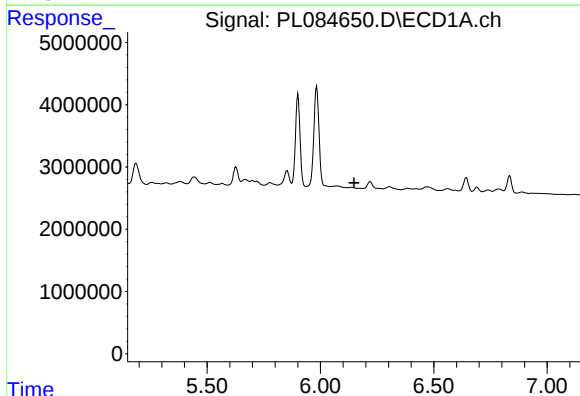
R.T.: 5.983 min  
Delta R.T.: 0.014 min  
Response: 25443577  
Conc: 9.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



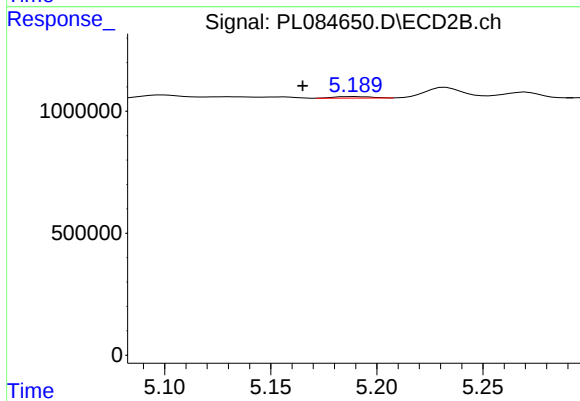
#11 alpha-Chlordane

R.T.: 4.968 min  
Delta R.T.: 0.000 min  
Response: 7175402  
Conc: 5.27 ng/ml



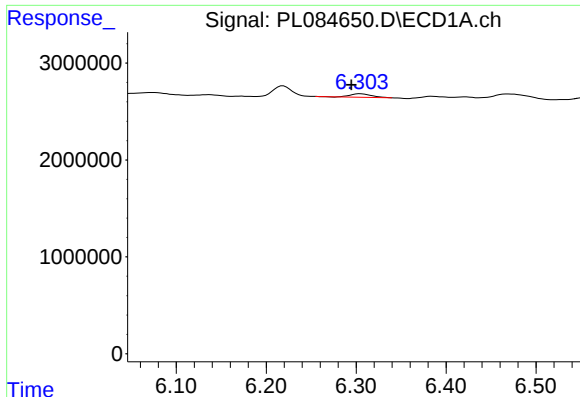
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.148 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

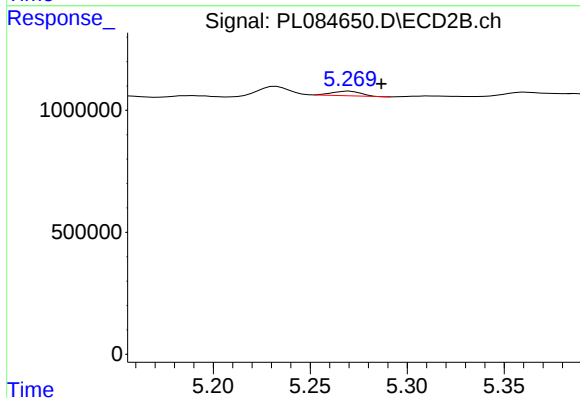
R.T.: 5.190 min  
Delta R.T.: 0.025 min  
Response: 71845  
Conc: 0.06 ng/ml



#13 Dieldrin

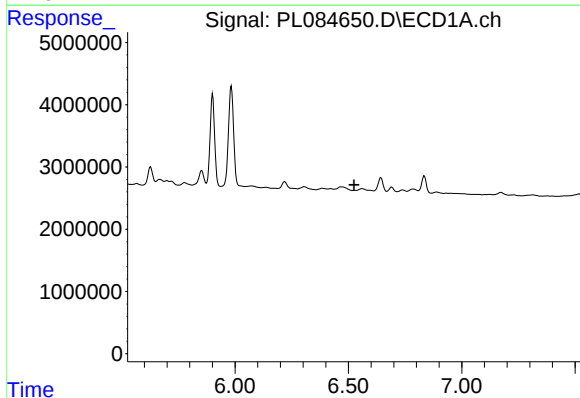
R.T.: 6.305 min  
Delta R.T.: 0.010 min  
Response: 571647  
Conc: 0.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



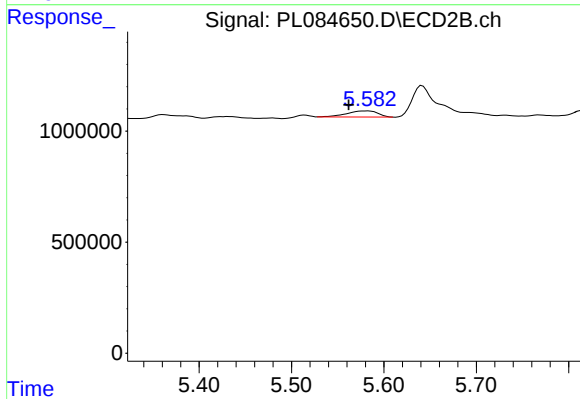
#13 Dieldrin

R.T.: 5.270 min  
Delta R.T.: -0.016 min  
Response: 194332  
Conc: 0.14 ng/ml



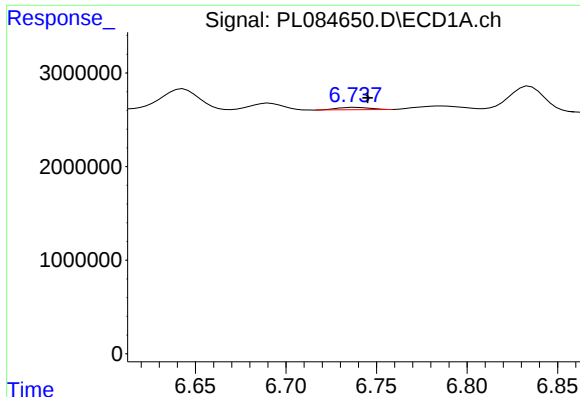
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.525 min  
Response: 0  
Conc: N.D.



#14 Endrin

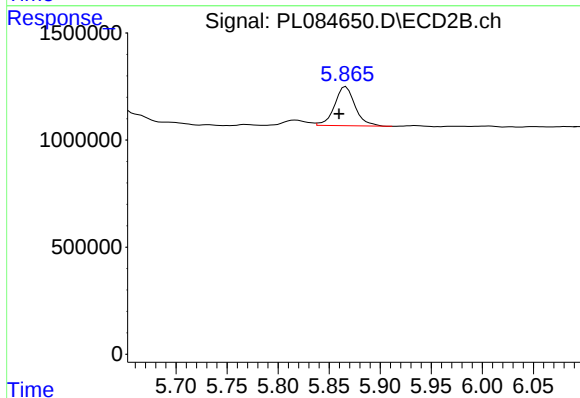
R.T.: 5.583 min  
Delta R.T.: 0.021 min  
Response: 635355  
Conc: 0.52 ng/ml



#15 Endosulfan II

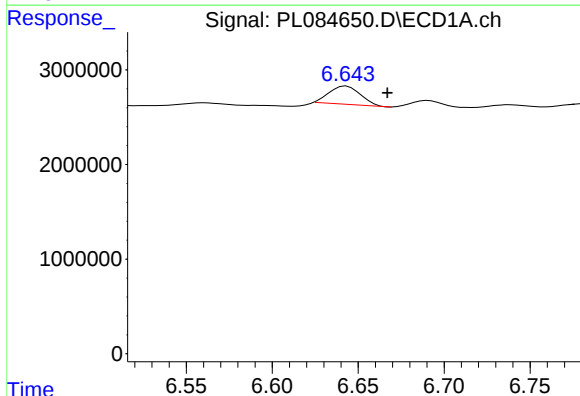
R.T.: 6.739 min  
Delta R.T.: -0.007 min  
Response: 323665  
Conc: 0.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



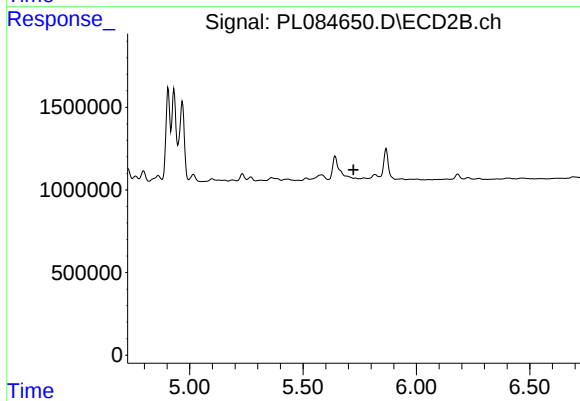
#15 Endosulfan II

R.T.: 5.866 min  
Delta R.T.: 0.007 min  
Response: 2548010  
Conc: 2.11 ng/ml



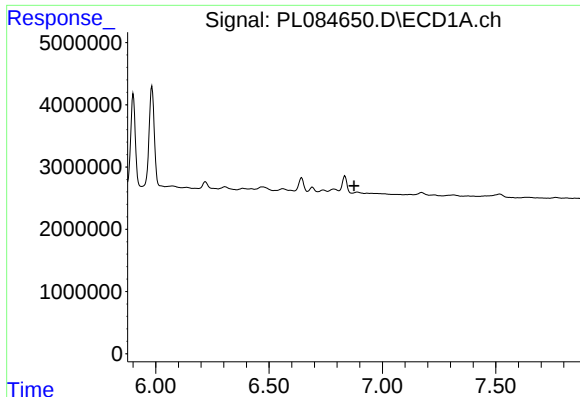
#16 4,4'-DDD

R.T.: 6.643 min  
Delta R.T.: -0.024 min  
Response: 2422658  
Conc: 1.44 ng/ml



#16 4,4'-DDD

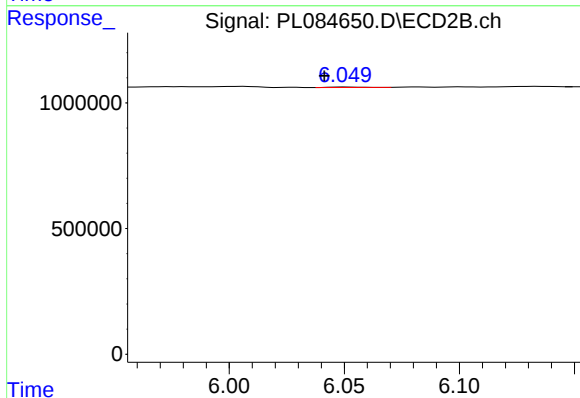
R.T.: 0.000 min  
Exp R.T. : 5.723 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

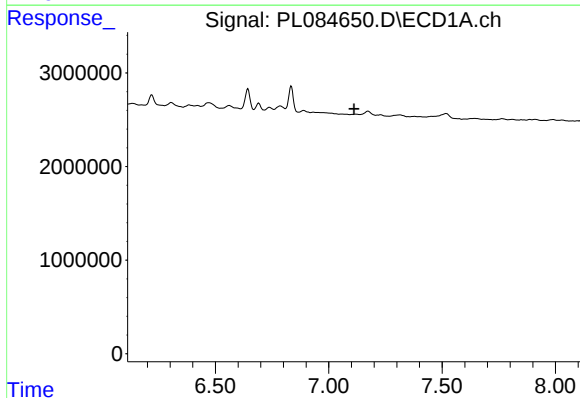
R.T.: 6.890 min  
Delta R.T.: 0.014 min  
Response: -2365939  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



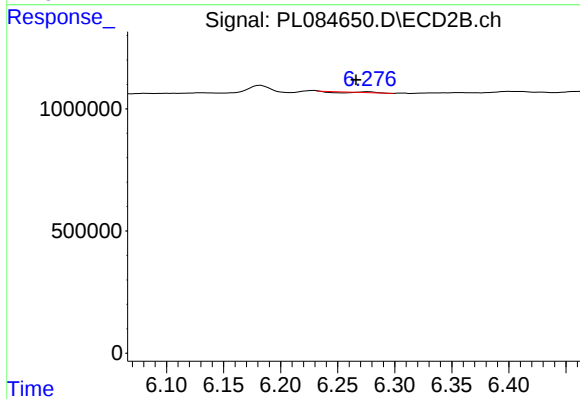
#18 Endrin aldehyde

R.T.: 6.051 min  
Delta R.T.: 0.010 min  
Response: 19232  
Conc: 0.02 ng/ml



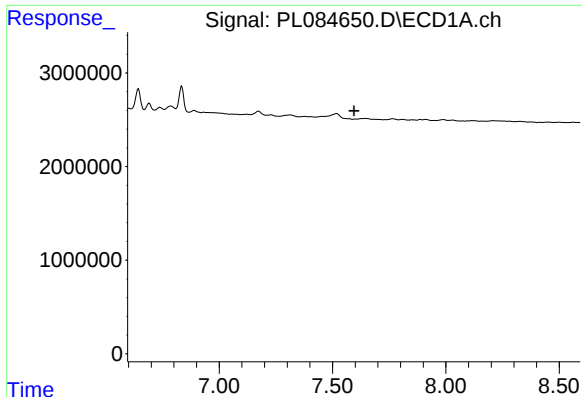
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.112 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

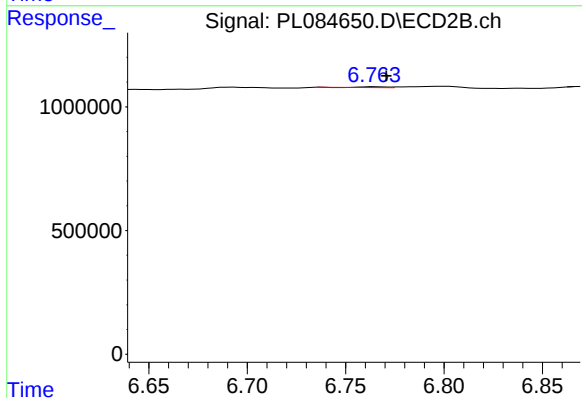
R.T.: 6.277 min  
Delta R.T.: 0.011 min  
Response: 8422  
Conc: 0.01 ng/ml



#21 Endrin ketone

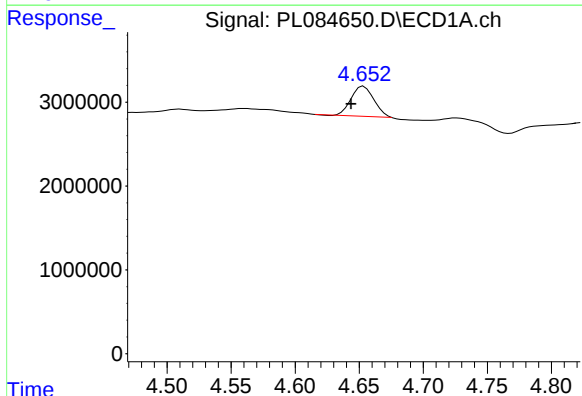
R.T.: 0.000 min  
Exp R.T.: 7.595 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



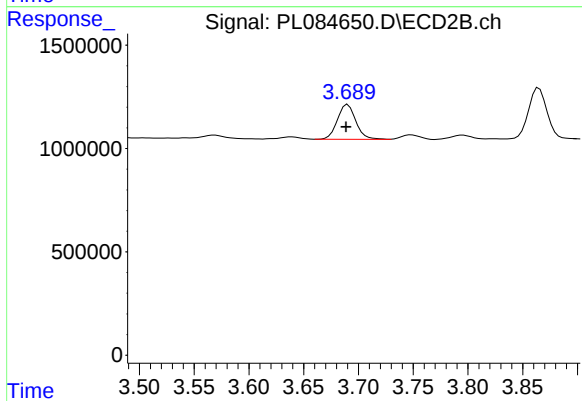
#21 Endrin ketone

R.T.: 6.765 min  
Delta R.T.: -0.006 min  
Response: 26299  
Conc: 0.02 ng/ml



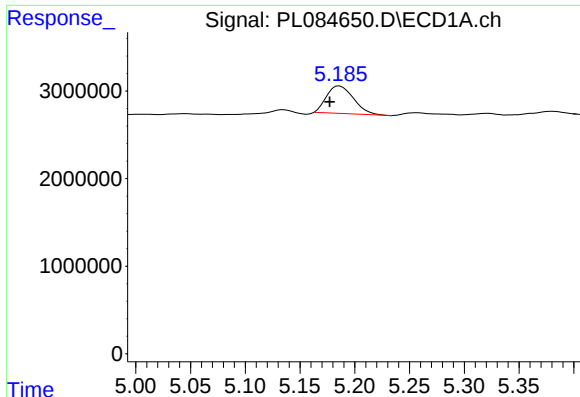
#23 Chlordane-1

R.T.: 4.654 min  
Delta R.T.: 0.010 min  
Response: 4405798  
Conc: 45.33 ng/ml



#23 Chlordane-1

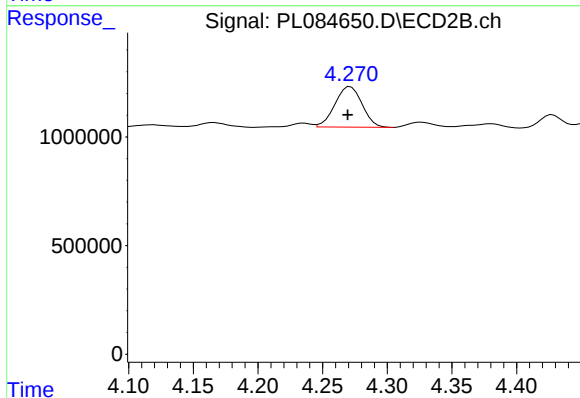
R.T.: 3.690 min  
Delta R.T.: 0.002 min  
Response: 1961951  
Conc: 51.19 ng/ml



#24 Chlordane-2

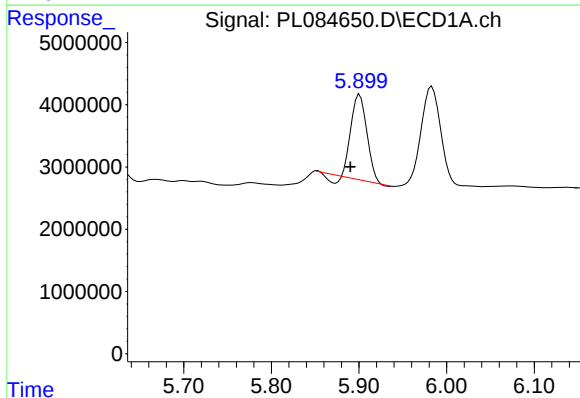
R.T.: 5.186 min  
Delta R.T.: 0.009 min  
Response: 5392536  
Conc: 47.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



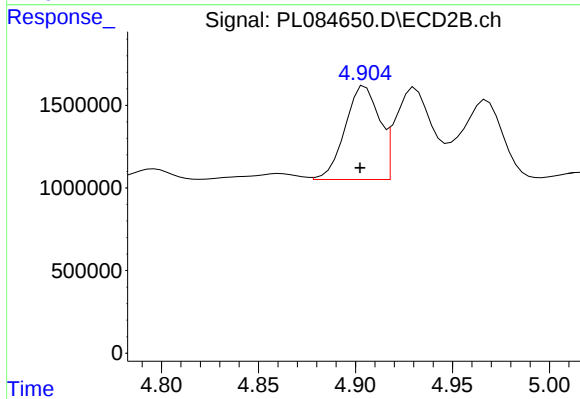
#24 Chlordane-2

R.T.: 4.271 min  
Delta R.T.: 0.002 min  
Response: 2723145  
Conc: 54.37 ng/ml



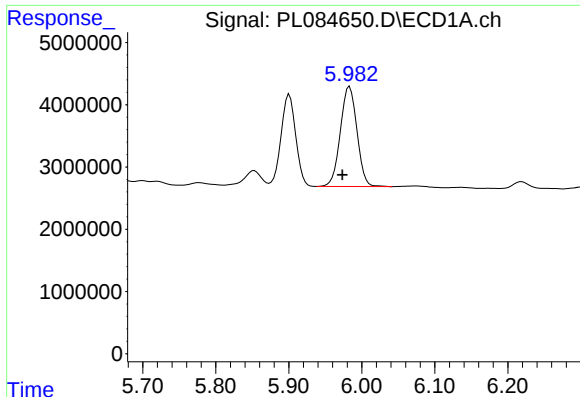
#25 Chlordane-3

R.T.: 5.901 min  
Delta R.T.: 0.011 min  
Response: 16516216  
Conc: 40.95 ng/ml



#25 Chlordane-3

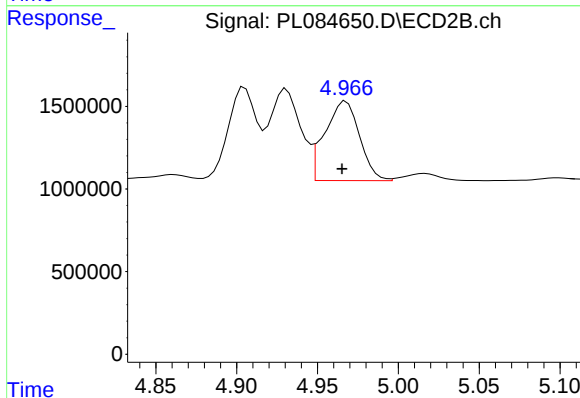
R.T.: 4.905 min  
Delta R.T.: 0.003 min  
Response: 6919257  
Conc: 49.95 ng/ml



#26 Chlordane-4

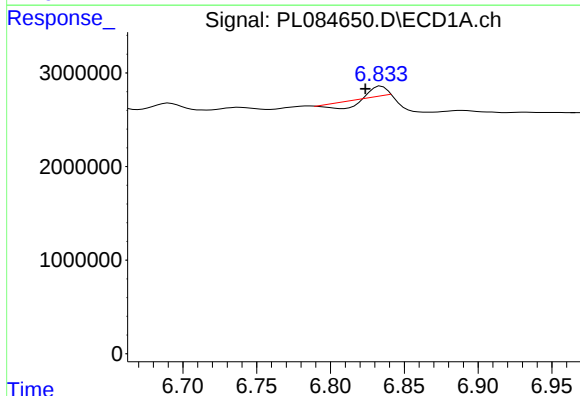
R.T.: 5.983 min  
Delta R.T.: 0.010 min  
Response: 25443577  
Conc: 52.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



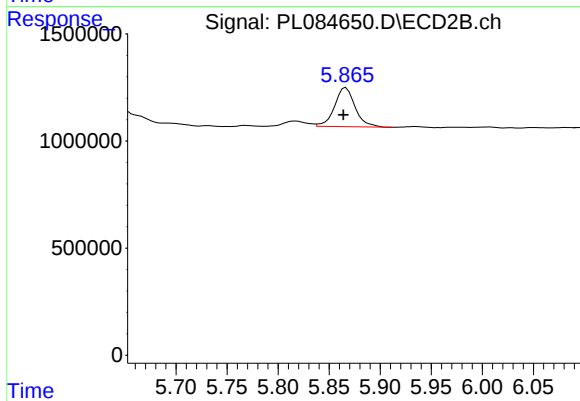
#26 Chlordane-4

R.T.: 4.968 min  
Delta R.T.: 0.003 min  
Response: 7175402  
Conc: 49.99 ng/ml



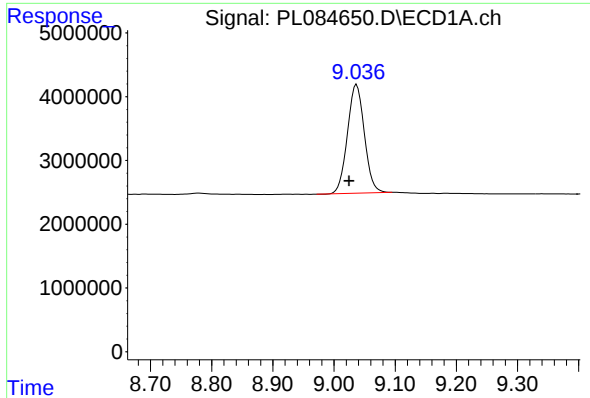
#27 Chlordane-5

R.T.: 6.834 min  
Delta R.T.: 0.011 min  
Response: 77619  
Conc: 1.04 ng/ml



#27 Chlordane-5

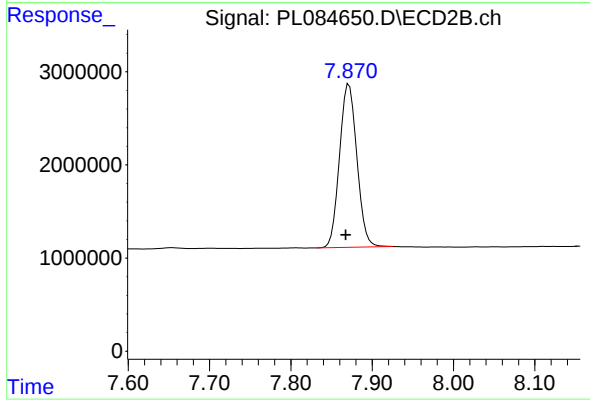
R.T.: 5.866 min  
Delta R.T.: 0.003 min  
Response: 2548010  
Conc: 50.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.037 min  
Delta R.T.: 0.012 min  
Response: 32784759  
Conc: 20.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.872 min  
Delta R.T.: 0.004 min  
Response: 26004920  
Conc: 20.86 ng/ml