

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080423\  
 Data File : PL084532.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Aug 2023 15:34  
 Operator : AR\AJ  
 Sample : 03897-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 05 00:47:43 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... | 3.477  | 2.687  | 22905785 | 10407625 | 9.858  | 9.571    |
| 2)                          | SA Decachlor... | 9.026  | 7.868  | 22224456 | 16986974 | 13.659 | 13.624   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.181  | 0        | 37814    | N.D.   | 0.024 #  |
| 4)                          | MA Heptachlor   | 4.861  | 3.863  | 448655   | 97415    | 0.133  | 0.068 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.130  | 0        | 222251   | N.D.   | 0.153 #  |
| 6)                          | B beta-BHC      | 4.494f | 3.828  | 255460   | -21179   | 0.183  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.632  | 0.000  | 1260689  | 0        | 0.418  | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.028  | 0        | 111373   | N.D.   | 0.090 #  |
| 10)                         | B gamma-Chl...  | 5.895  | 4.888f | 3319079  | 1949136  | 1.159  | 1.437    |
| 11)                         | B alpha-Chl...  | 5.978  | 4.964  | 15275881 | 1508007  | 5.411  | 1.107 #  |
| 12)                         | B 4,4'-DDE      | 6.149  | 5.166  | 26279785 | 12406824 | 11.450 | 10.075   |
| 13)                         | MA Dieldrin     | 6.301  | 5.296  | 117833   | 1705642  | 0.045  | 1.256 #  |
| 14)                         | MA Endrin       | 6.531  | 5.542f | 3037349  | 1578972  | 1.393  | 1.291    |
| 15)                         | B Endosulfa...  | 0.000  | 5.859  | 0        | 2358863  | N.D.   | 1.955 #  |
| 16)                         | A 4,4'-DDD      | 6.680  | 5.722  | 7709943  | 153971   | 4.599  | 0.149 #  |
| 17)                         | MA 4,4'-DDT     | 6.985  | 5.973  | 13683042 | 13467294 | 7.303  | 11.604 # |
| 18)                         | B Endrin al...  | 6.861  | 6.019f | 160647   | 1149177  | 0.095  | 1.159 #  |
| 19)                         | B Endosulfa...  | 7.100  | 6.271  | 957173   | 351565   | 0.479  | 0.296 #  |
| 21)                         | B Endrin ke...  | 7.582  | 0.000  | 2125545  | 0        | 1.063  | N.D. #   |
| 23)                         | Chlordane-1     | 4.642  | 3.691  | 468975   | 129864   | 4.826  | 3.388 #  |
| 24)                         | Chlordane-2     | 0.000  | 4.274  | 0        | 527681   | N.D.   | 10.535 # |
| 25)                         | Chlordane-3     | 5.895  | 4.888  | 3319079  | 1949136  | 8.229  | 14.070 # |
| 26)                         | Chlordane-4     | 5.978  | 4.964  | 15275881 | 1508007  | 31.537 | 10.507 # |
| 27)                         | Chlordane-5     | 6.801f | 5.859  | 4220108  | 2358863  | 56.688 | 46.315   |
| -----                       |                 |        |        |          |          |        |          |

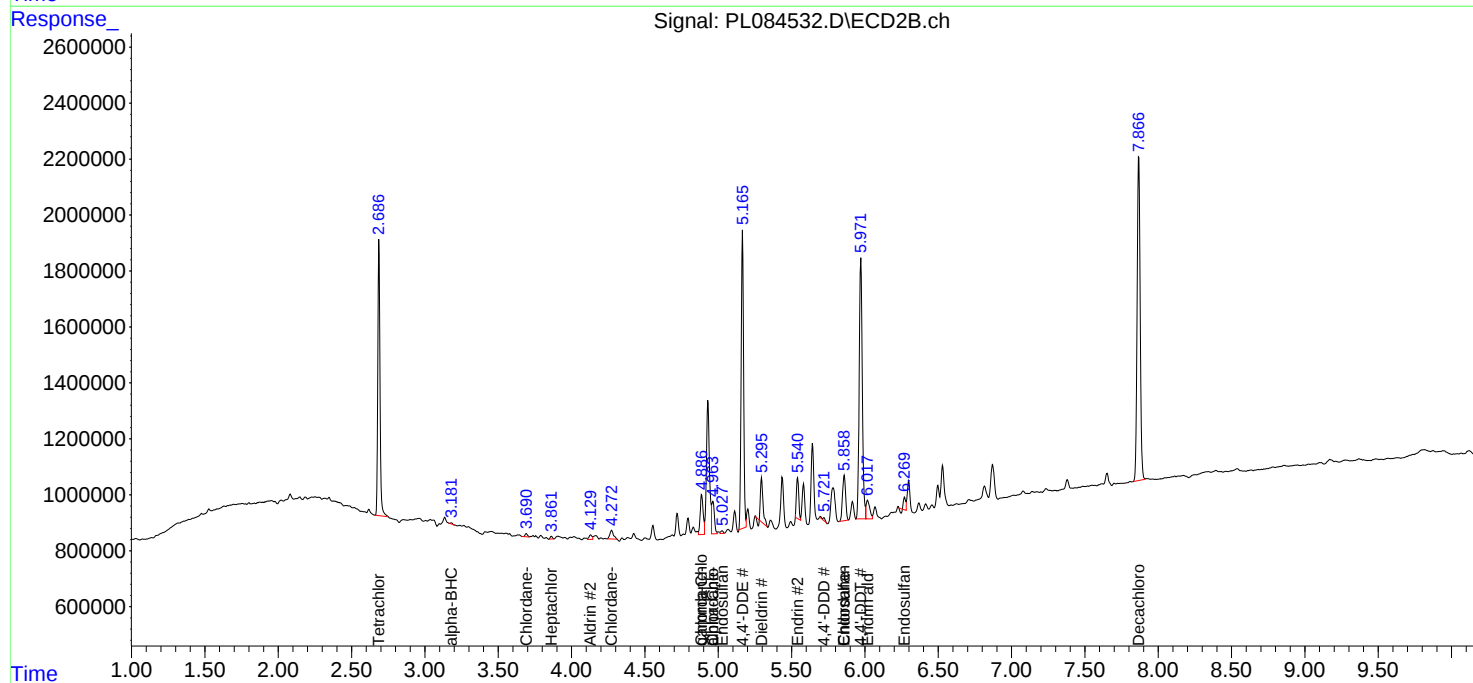
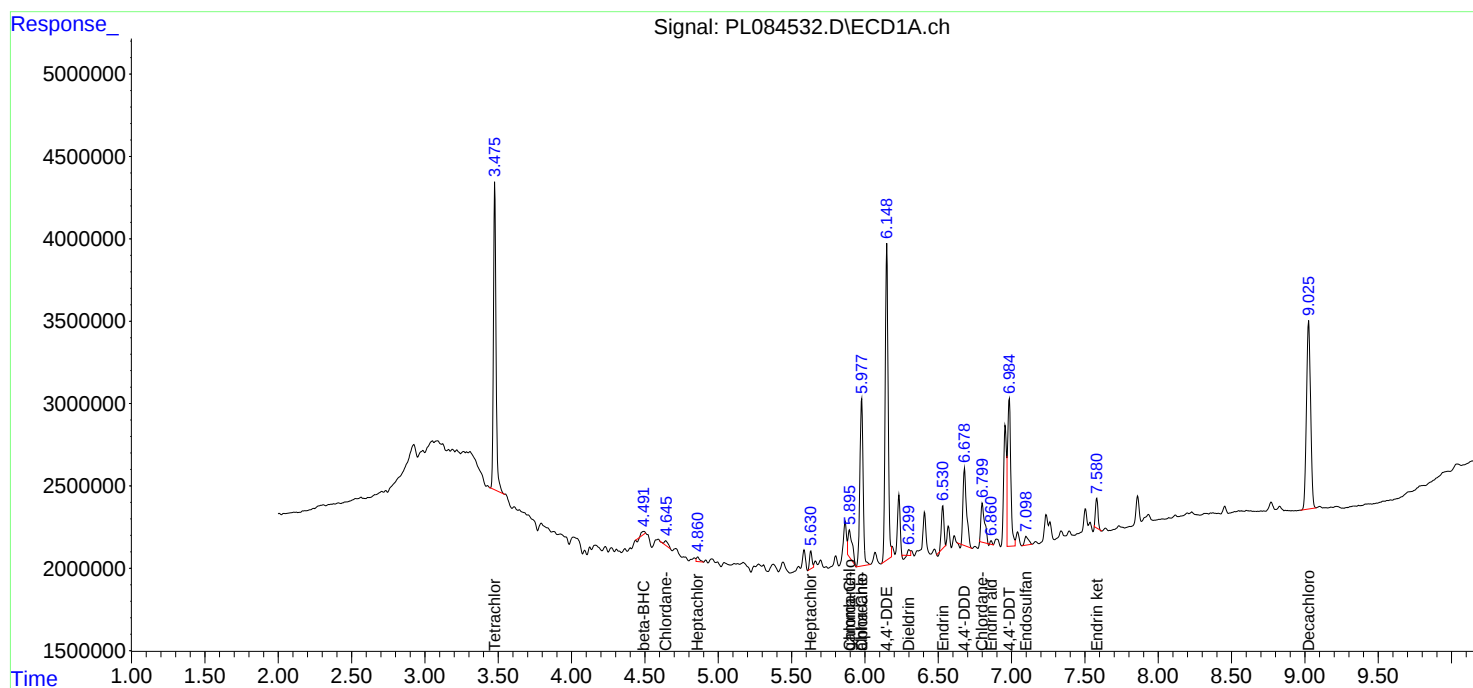
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

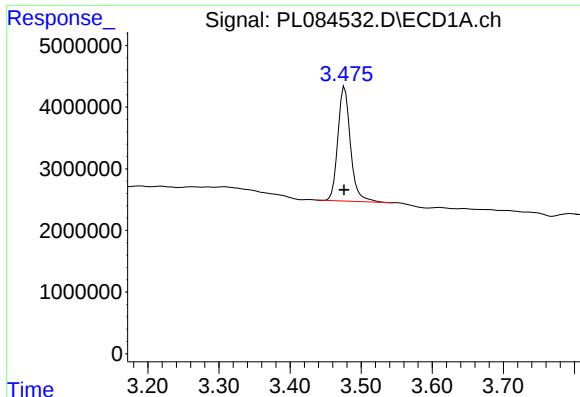
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080423\  
Data File : PL084532.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Aug 2023 15:34  
Operator : AR\AJ  
Sample : 03897-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 05 00:47:43 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

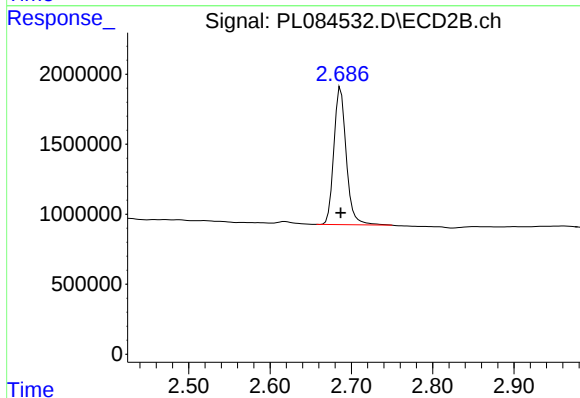




#1 Tetrachloro-m-xylene

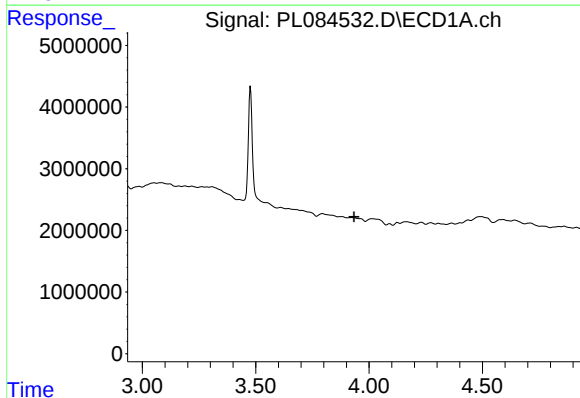
R.T.: 3.477 min  
Delta R.T.: 0.000 min  
Response: 22905785  
Conc: 9.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



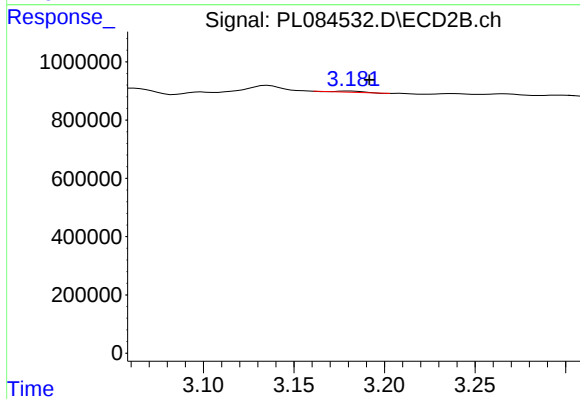
#1 Tetrachloro-m-xylene

R.T.: 2.687 min  
Delta R.T.: 0.000 min  
Response: 10407625  
Conc: 9.57 ng/ml



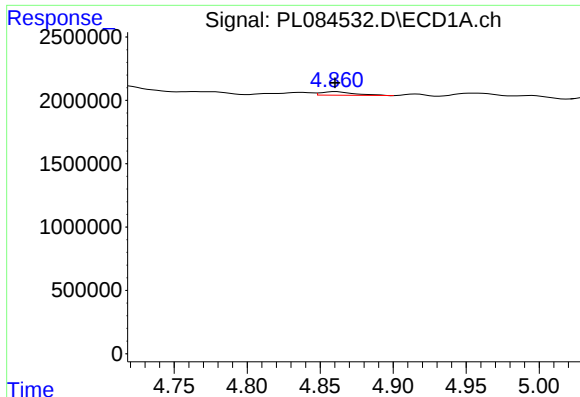
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.934 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

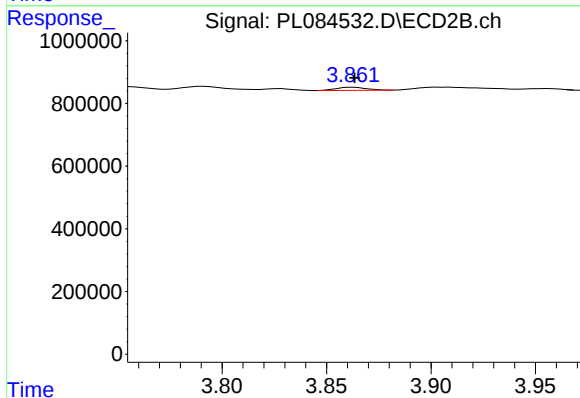
R.T.: 3.181 min  
Delta R.T.: -0.011 min  
Response: 37814  
Conc: 0.02 ng/ml



#4 Heptachlor

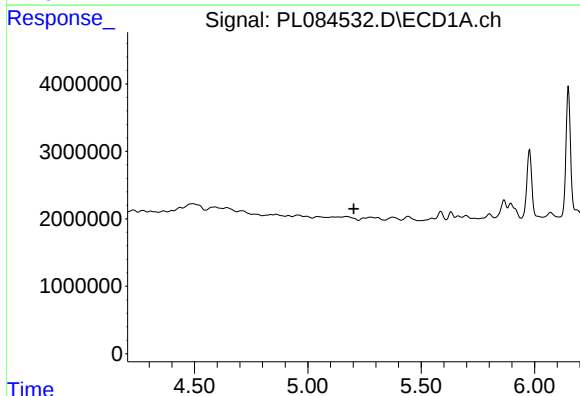
R.T.: 4.861 min  
Delta R.T.: 0.000 min  
Response: 448655  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



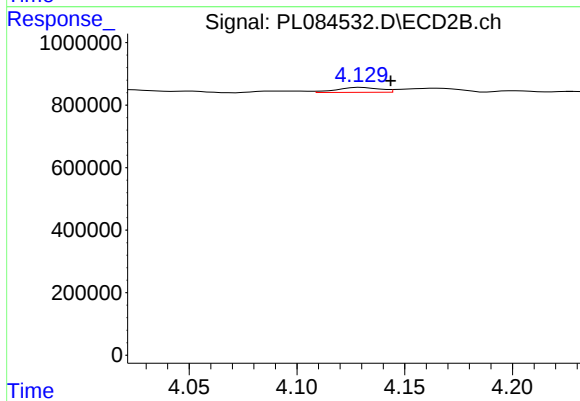
#4 Heptachlor

R.T.: 3.863 min  
Delta R.T.: 0.000 min  
Response: 97415  
Conc: 0.07 ng/ml



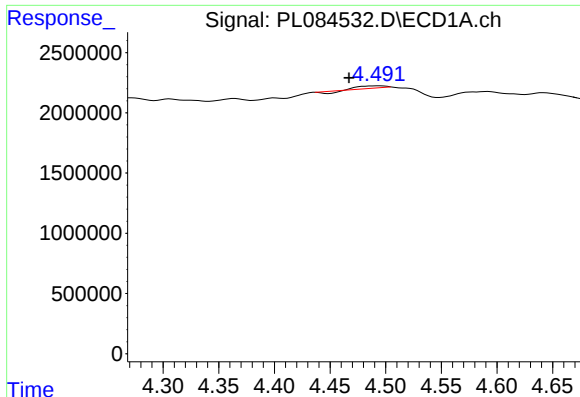
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.203 min  
Response: 0  
Conc: N.D.



#5 Aldrin

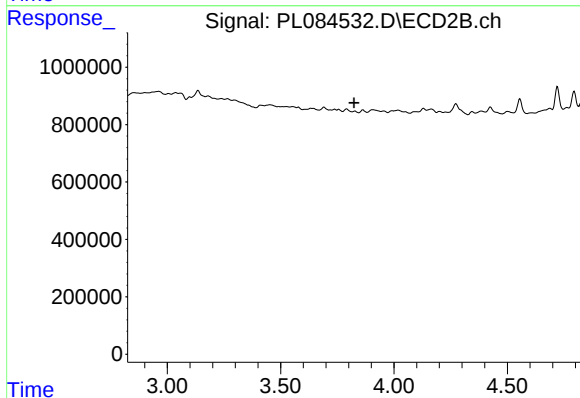
R.T.: 4.130 min  
Delta R.T.: -0.013 min  
Response: 222251  
Conc: 0.15 ng/ml



#6 beta-BHC

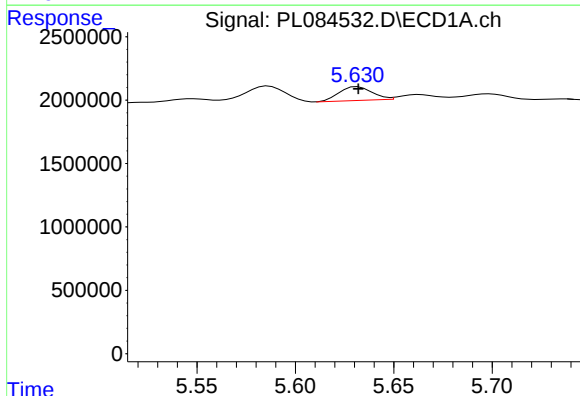
R.T.: 4.494 min  
Delta R.T.: 0.027 min  
Response: 255460  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



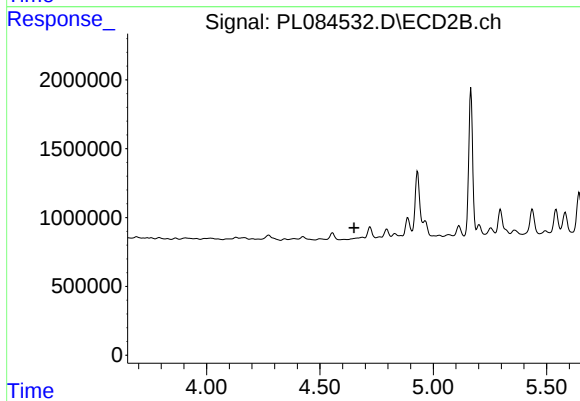
#6 beta-BHC

R.T.: 3.828 min  
Delta R.T.: 0.004 min  
Response: -21179  
Conc: N.D.



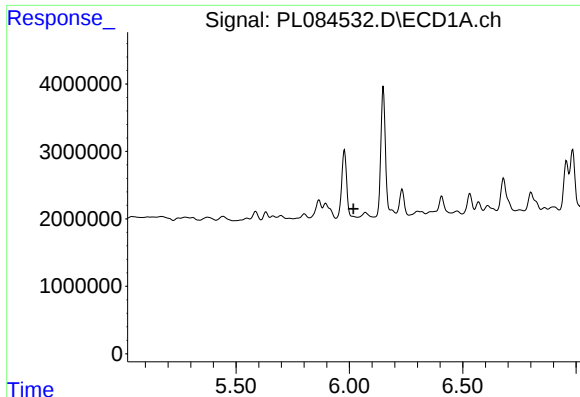
#8 Heptachlor epoxide

R.T.: 5.632 min  
Delta R.T.: 0.000 min  
Response: 1260689  
Conc: 0.42 ng/ml



#8 Heptachlor epoxide

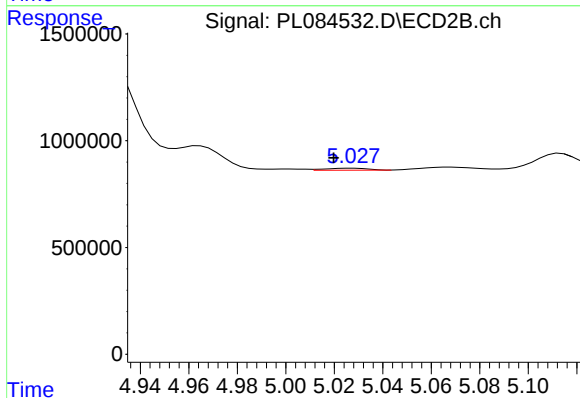
R.T.: 0.000 min  
Exp R.T. : 4.650 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

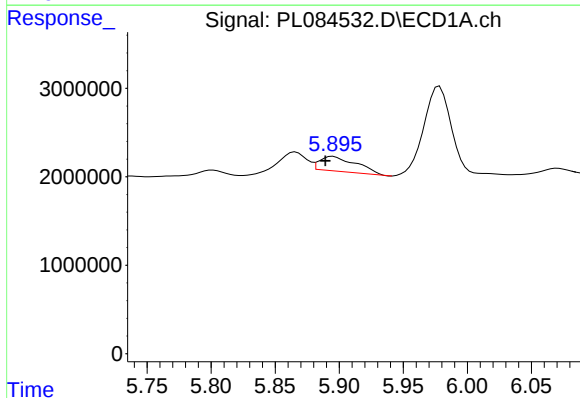
R.T.: 0.000 min  
Exp R.T.: 6.018 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



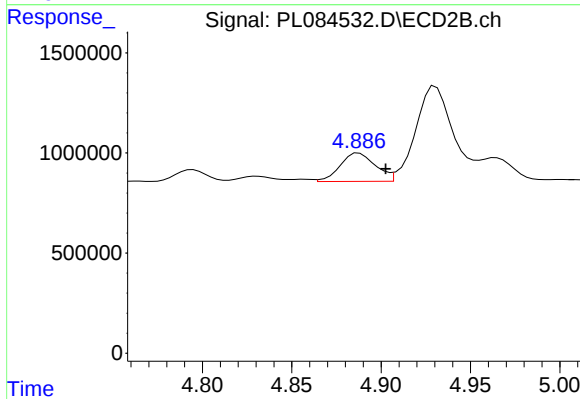
#9 Endosulfan I

R.T.: 5.028 min  
Delta R.T.: 0.008 min  
Response: 111373  
Conc: 0.09 ng/ml



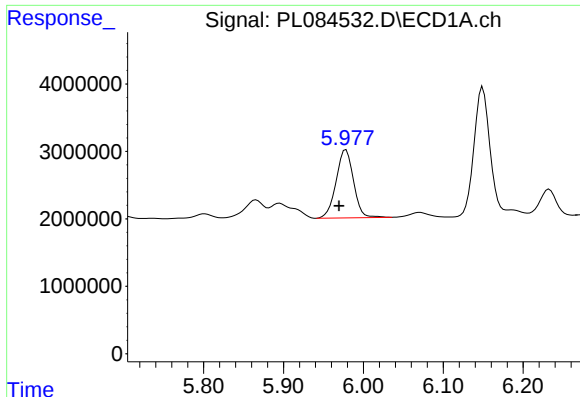
#10 gamma-Chlordane

R.T.: 5.895 min  
Delta R.T.: 0.006 min  
Response: 3319079  
Conc: 1.16 ng/ml



#10 gamma-Chlordane

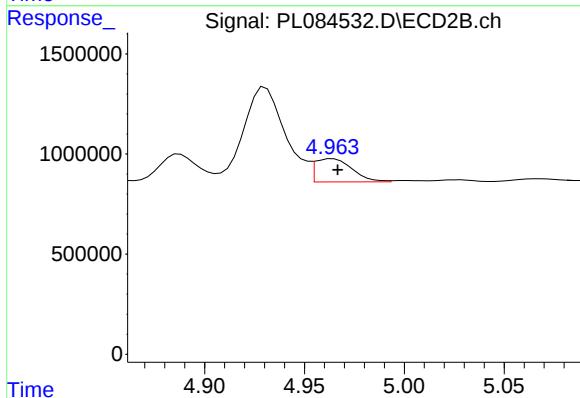
R.T.: 4.888 min  
Delta R.T.: -0.015 min  
Response: 1949136  
Conc: 1.44 ng/ml



#11 alpha-Chlordane

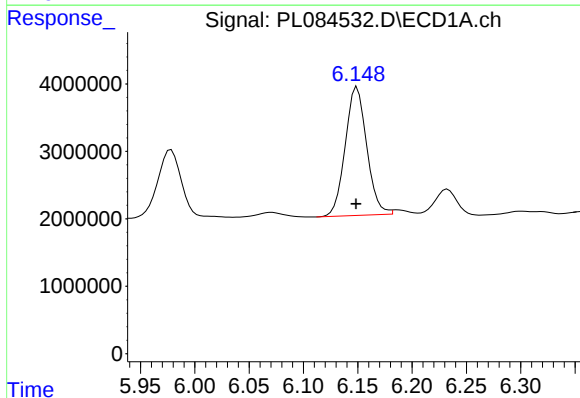
R.T.: 5.978 min  
Delta R.T.: 0.008 min  
Response: 15275881  
Conc: 5.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



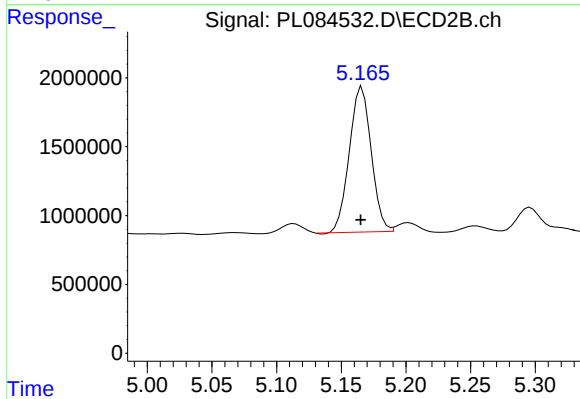
#11 alpha-Chlordane

R.T.: 4.964 min  
Delta R.T.: -0.003 min  
Response: 1508007  
Conc: 1.11 ng/ml



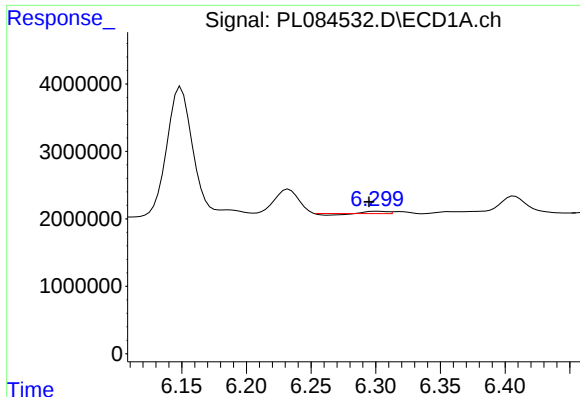
#12 4,4'-DDE

R.T.: 6.149 min  
Delta R.T.: 0.001 min  
Response: 26279785  
Conc: 11.45 ng/ml



#12 4,4'-DDE

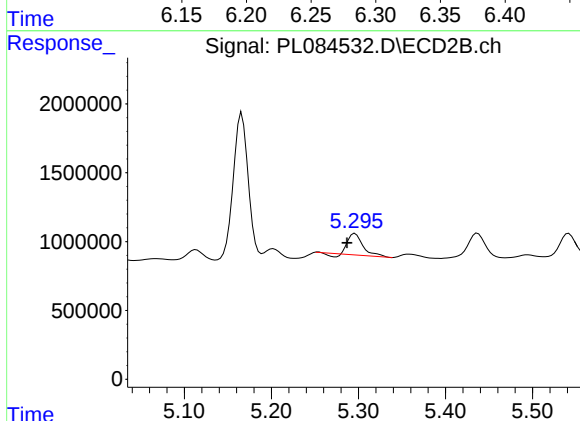
R.T.: 5.166 min  
Delta R.T.: 0.001 min  
Response: 12406824  
Conc: 10.07 ng/ml



#13 Dieldrin

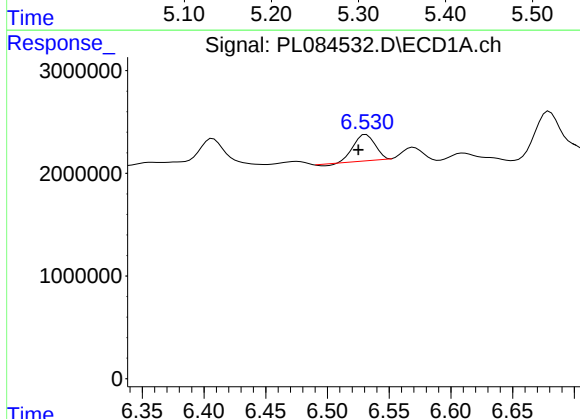
R.T.: 6.301 min  
Delta R.T.: 0.006 min  
Response: 117833  
Conc: 0.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



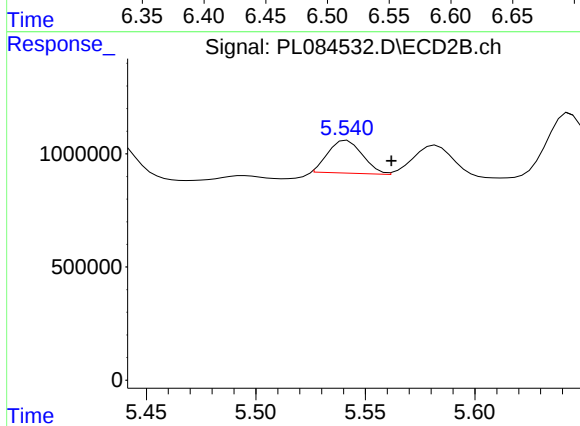
#13 Dieldrin

R.T.: 5.296 min  
Delta R.T.: 0.009 min  
Response: 1705642  
Conc: 1.26 ng/ml



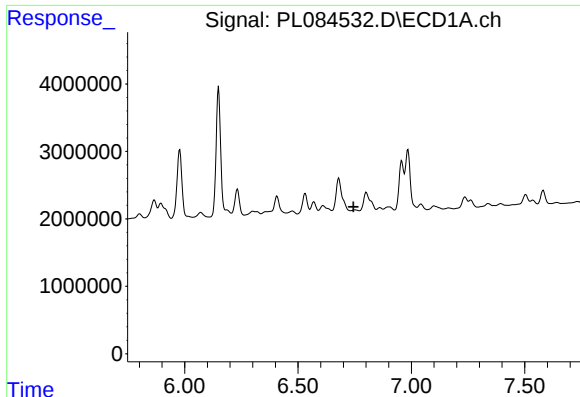
#14 Endrin

R.T.: 6.531 min  
Delta R.T.: 0.006 min  
Response: 3037349  
Conc: 1.39 ng/ml



#14 Endrin

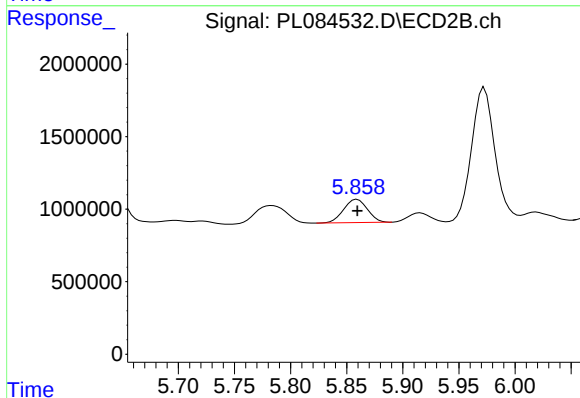
R.T.: 5.542 min  
Delta R.T.: -0.020 min  
Response: 1578972  
Conc: 1.29 ng/ml



#15 Endosulfan II

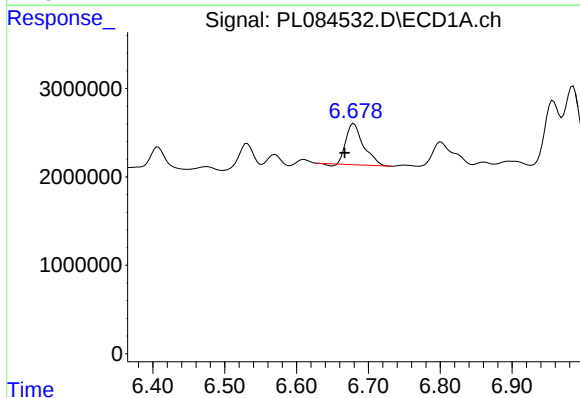
R.T.: 0.000 min  
Exp R.T.: 6.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



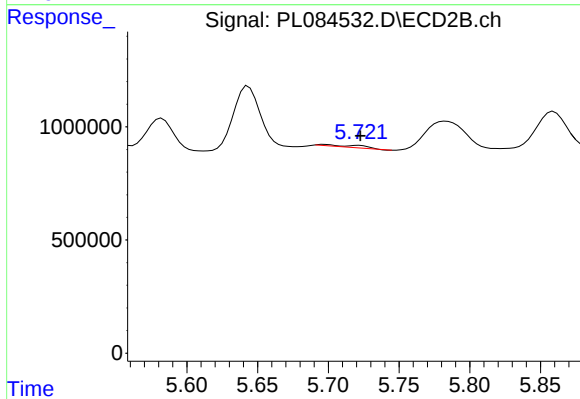
#15 Endosulfan II

R.T.: 5.859 min  
Delta R.T.: 0.000 min  
Response: 2358863  
Conc: 1.95 ng/ml



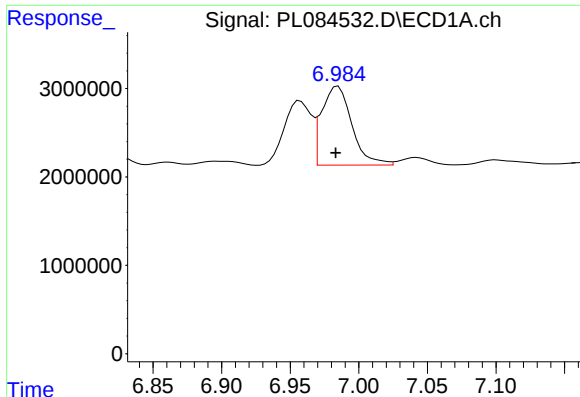
#16 4,4'-DDD

R.T.: 6.680 min  
Delta R.T.: 0.013 min  
Response: 7709943  
Conc: 4.60 ng/ml



#16 4,4'-DDD

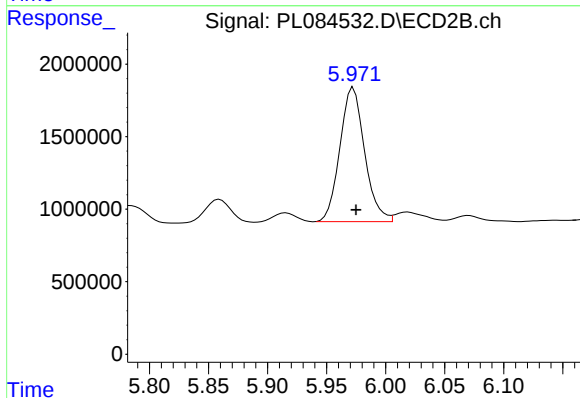
R.T.: 5.722 min  
Delta R.T.: -0.001 min  
Response: 153971  
Conc: 0.15 ng/ml



#17 4,4'-DDT

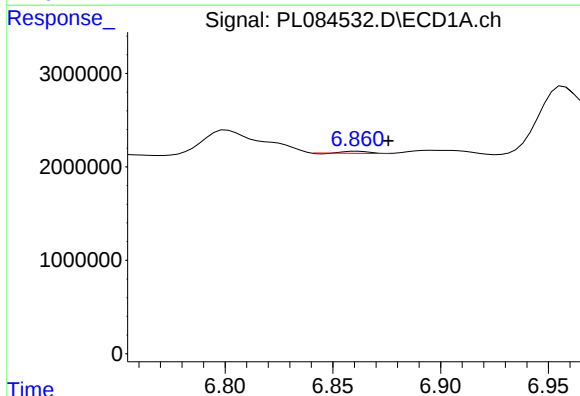
R.T.: 6.985 min  
Delta R.T.: 0.002 min  
Response: 13683042  
Conc: 7.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



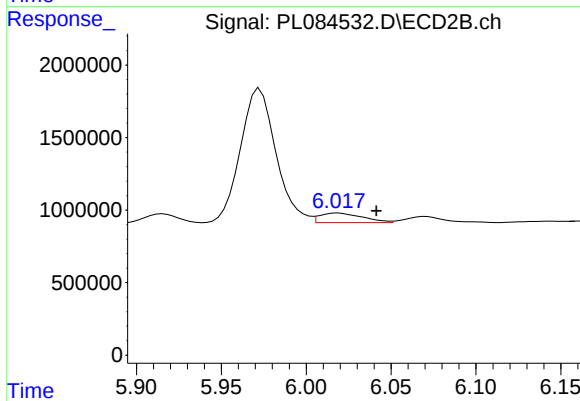
#17 4,4'-DDT

R.T.: 5.973 min  
Delta R.T.: -0.002 min  
Response: 13467294  
Conc: 11.60 ng/ml



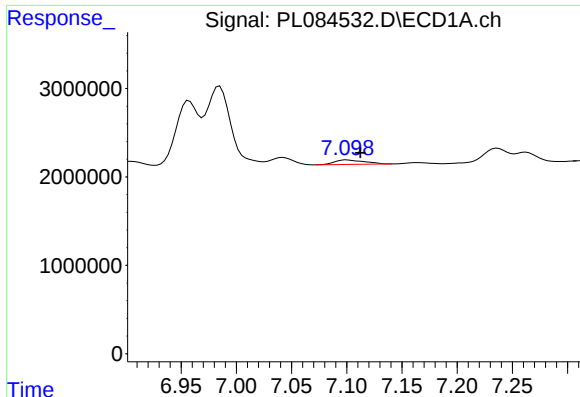
#18 Endrin aldehyde

R.T.: 6.861 min  
Delta R.T.: -0.014 min  
Response: 160647  
Conc: 0.10 ng/ml



#18 Endrin aldehyde

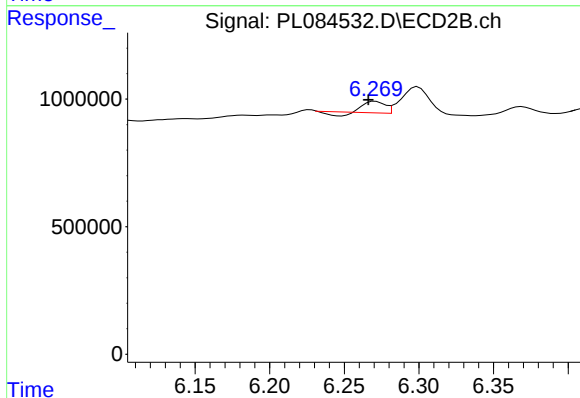
R.T.: 6.019 min  
Delta R.T.: -0.022 min  
Response: 1149177  
Conc: 1.16 ng/ml



#19 Endosulfan Sulfate

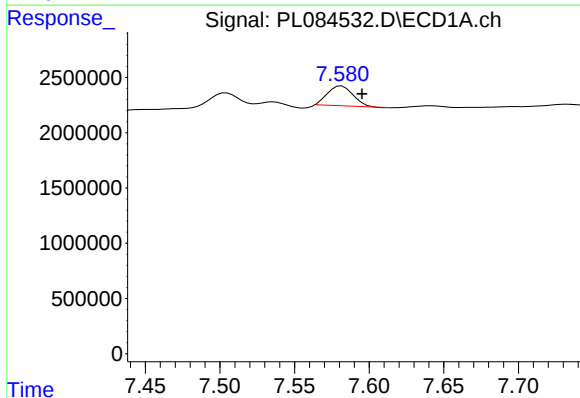
R.T.: 7.100 min  
Delta R.T.: -0.012 min  
Response: 957173  
Conc: 0.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



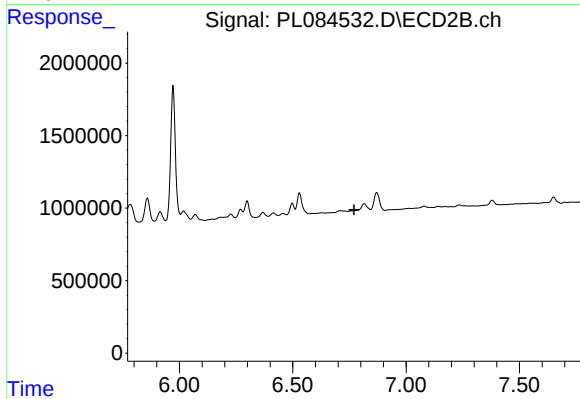
#19 Endosulfan Sulfate

R.T.: 6.271 min  
Delta R.T.: 0.005 min  
Response: 351565  
Conc: 0.30 ng/ml



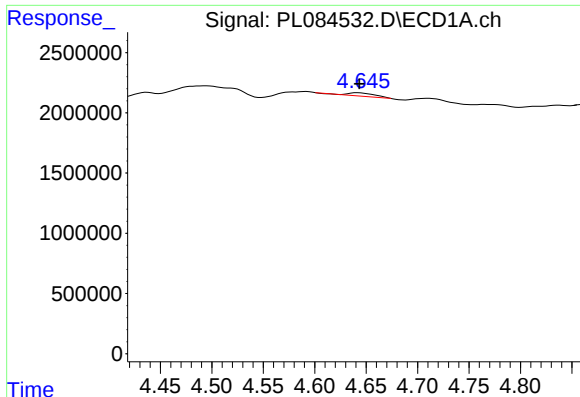
#21 Endrin ketone

R.T.: 7.582 min  
Delta R.T.: -0.014 min  
Response: 212545  
Conc: 1.06 ng/ml



#21 Endrin ketone

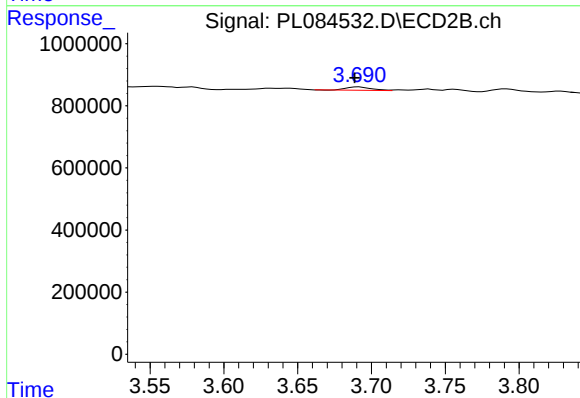
R.T.: 0.000 min  
Exp R.T. : 6.771 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

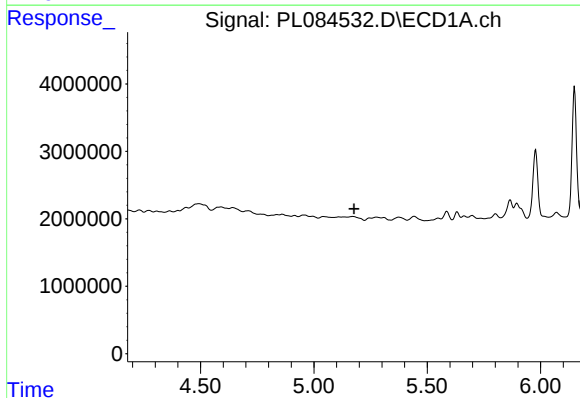
R.T.: 4.642 min  
Delta R.T.: -0.001 min  
Response: 468975  
Conc: 4.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



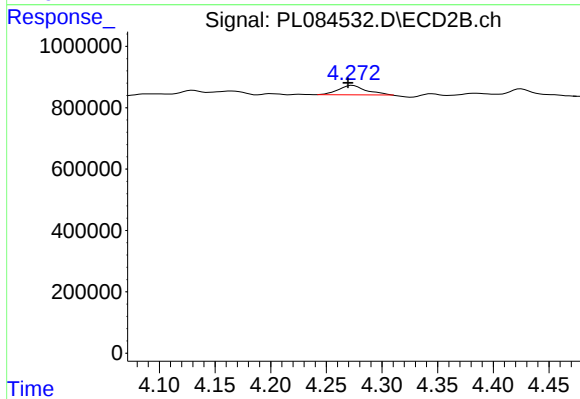
#23 Chlordane-1

R.T.: 3.691 min  
Delta R.T.: 0.003 min  
Response: 129864  
Conc: 3.39 ng/ml



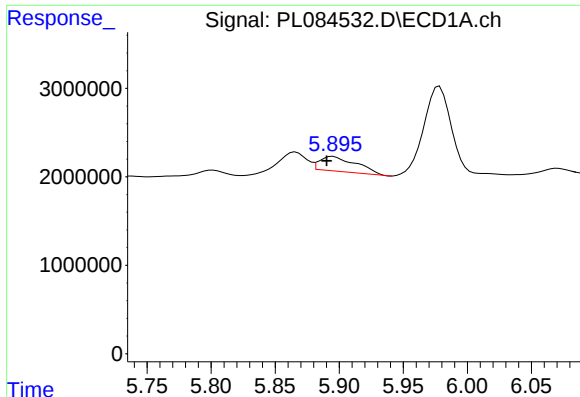
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.177 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

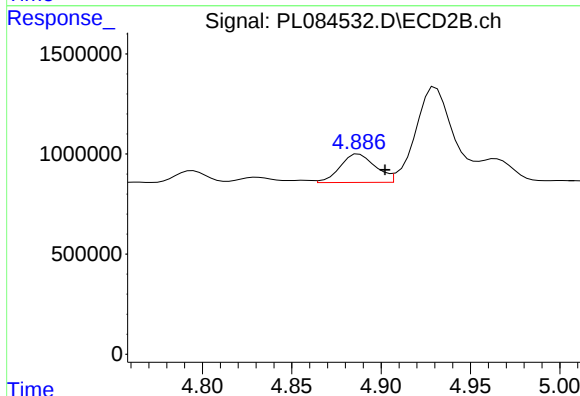
R.T.: 4.274 min  
Delta R.T.: 0.004 min  
Response: 527681  
Conc: 10.53 ng/ml



#25 Chlordane-3

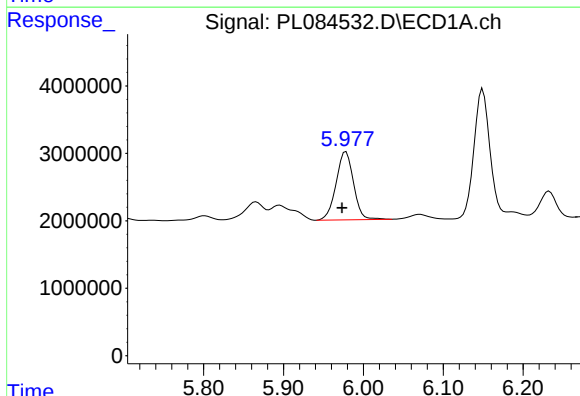
R.T.: 5.895 min  
Delta R.T.: 0.005 min  
Response: 3319079  
Conc: 8.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



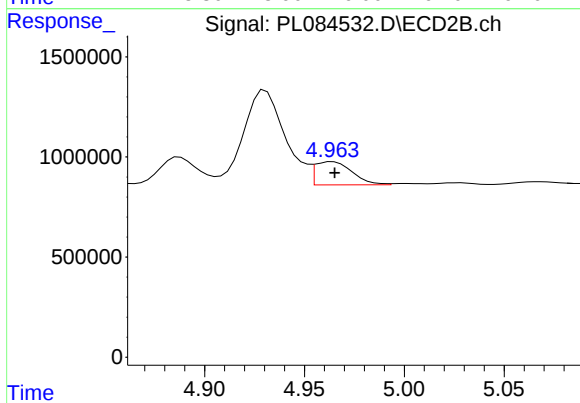
#25 Chlordane-3

R.T.: 4.888 min  
Delta R.T.: -0.015 min  
Response: 1949136  
Conc: 14.07 ng/ml



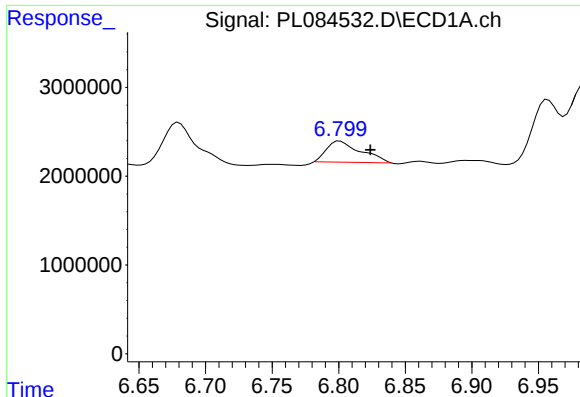
#26 Chlordane-4

R.T.: 5.978 min  
Delta R.T.: 0.005 min  
Response: 15275881  
Conc: 31.54 ng/ml



#26 Chlordane-4

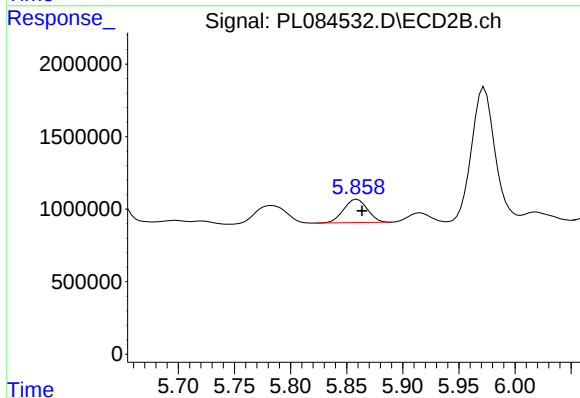
R.T.: 4.964 min  
Delta R.T.: -0.001 min  
Response: 1508007  
Conc: 10.51 ng/ml



#27 Chlordane-5

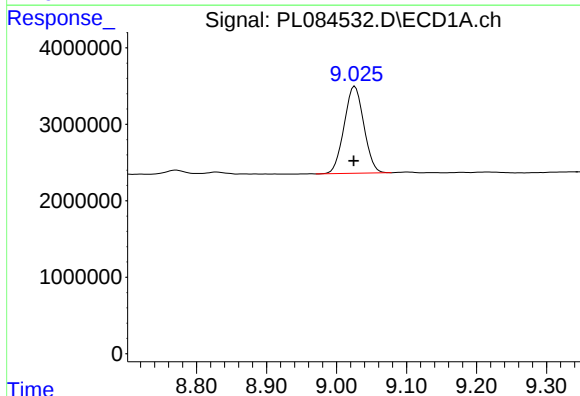
R.T.: 6.801 min  
Delta R.T.: -0.023 min  
Response: 4220108  
Conc: 56.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



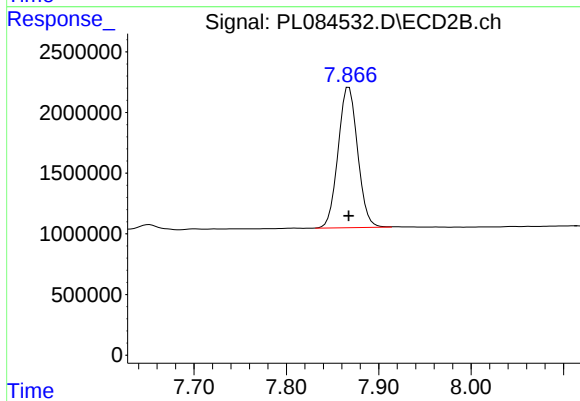
#27 Chlordane-5

R.T.: 5.859 min  
Delta R.T.: -0.004 min  
Response: 2358863  
Conc: 46.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min  
Delta R.T.: 0.001 min  
Response: 22224456  
Conc: 13.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: 0.000 min  
Response: 16986974  
Conc: 13.62 ng/ml