

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100423\  
 Data File : PL085675.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Oct 2023 09:11  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 04 21:16:46 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Oct 04 05:29:39 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... | 3.359  | 2.623  | 57602438 | 18059468 | 19.368  | 19.333  |
| 28)                         | SA Decachlor... | 8.859  | 7.775  | 44520493 | 19146515 | 20.441  | 20.744  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.813  | 3.121  | 40437231 | 11243311 | 9.422   | 8.937   |
| 3)                          | MA gamma-BHC... | 4.145  | 3.449  | 38263397 | 10919118 | 9.257   | 8.853   |
| 5)                          | MB Aldrin       | 0.000  | 4.078f | 0        | 51291    | N.D.    | 0.046 # |
| 6)                          | B beta-BHC      | 4.347  | 3.751  | 18099345 | 5773854  | 10.945  | 11.091  |
| 8)                          | B Heptachlo...  | 0.000  | 4.556  | 0        | 11017    | N.D.    | 0.011 # |
| 9)                          | A Endosulfan I  | 5.871  | 4.950  | 1177121  | 655994   | 0.364   | 0.612 # |
| 10)                         | B gamma-Chl...  | 5.752  | 0.000  | 309111   | 0        | 0.090   | N.D. #  |
| 11)                         | B alpha-Chl...  | 5.825  | 4.900f | 683039   | 854152   | 0.200   | 0.783 # |
| 12)                         | B 4,4'-DDE      | 6.023  | 5.085  | 1159366  | 61489    | 0.415   | 0.075 # |
| 14)                         | MA Endrin       | 6.391  | 5.474  | 132.2E6  | 43811581 | 46.385  | 48.733  |
| 15)                         | B Endosulfa...  | 6.613  | 5.757  | 1343116  | 337281   | 0.487   | 0.355 # |
| 16)                         | A 4,4'-DDD      | 6.543  | 5.640  | 775494   | 277796   | 0.385   | 0.399   |
| 17)                         | MA 4,4'-DDT     | 6.855  | 5.889  | 249.8E6  | 88978025 | 105.985 | 112.523 |
| 18)                         | B Endrin al...  | 6.744  | 5.955  | 2921506  | 2175533  | 1.441   | 2.917 # |
| 20)                         | A Methoxychlor  | 7.340  | 6.472  | 317.6E6  | 125.0E6  | 227.428 | 237.575 |
| 21)                         | B Endrin ke...  | 7.461  | 6.679  | 10322177 | 2278841  | 3.584   | 1.983 # |
| 22)                         | Mirex           | 0.000  | 6.859  | 0        | 134011   | N.D.    | 0.142 # |
| 24)                         | Chlordane-2     | 5.026f | 4.179  | 530675   | 90116    | 4.081   | 2.316 # |
| 25)                         | Chlordane-3     | 5.752  | 0.000  | 309111   | 0        | 0.606   | N.D. #  |
| 26)                         | Chlordane-4     | 5.825f | 4.900f | 683039   | 854152   | 1.077   | 7.377 # |
| -----                       |                 |        |        |          |          |         |         |

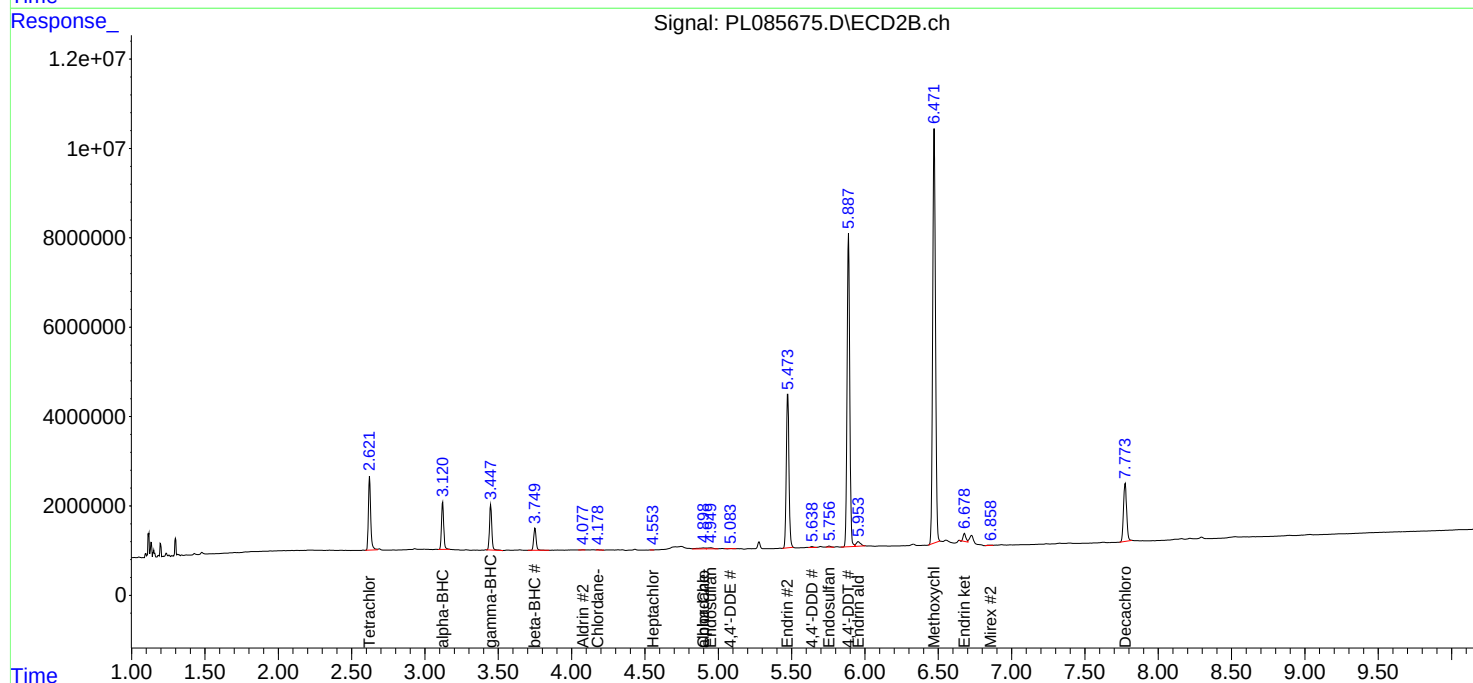
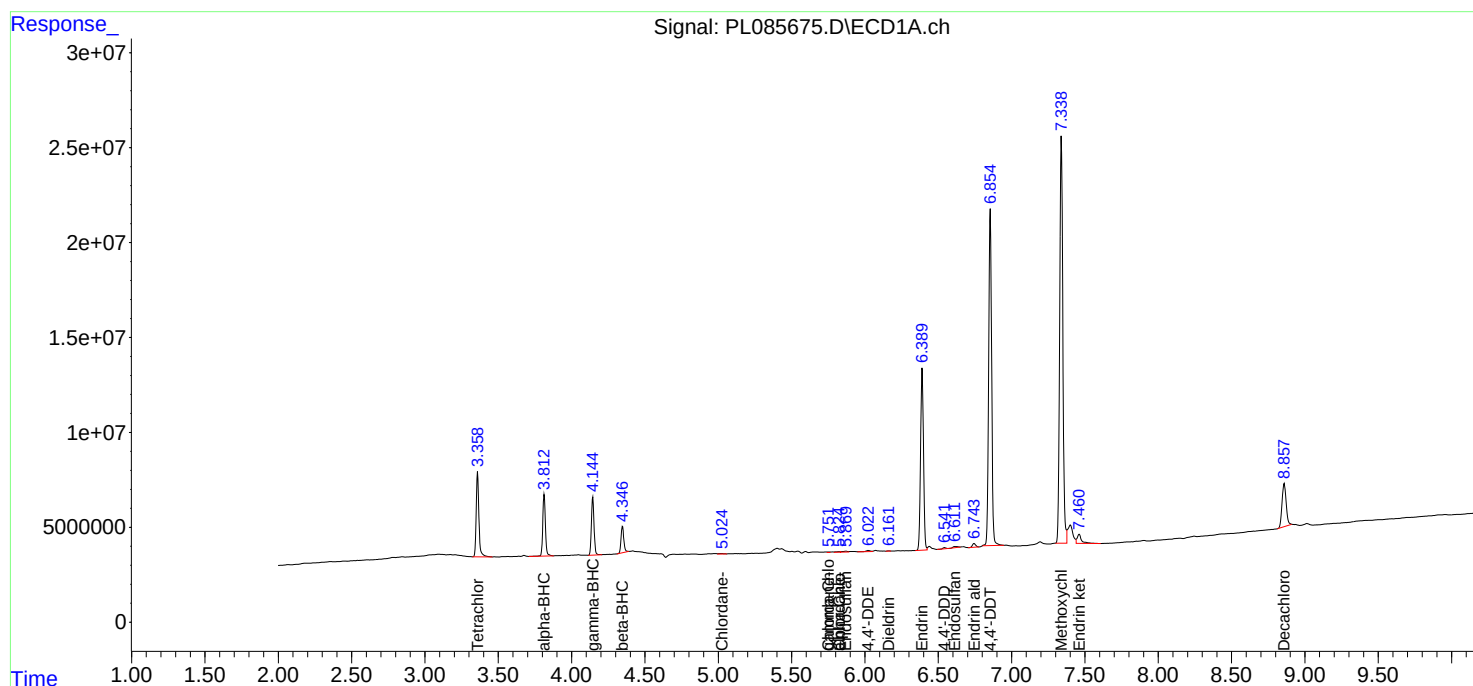
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

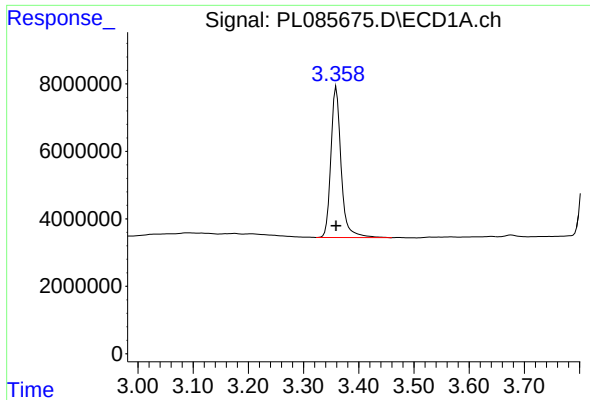
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL100423\  
Data File : PL085675.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Oct 2023 09:11  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 04 21:16:46 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100323.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

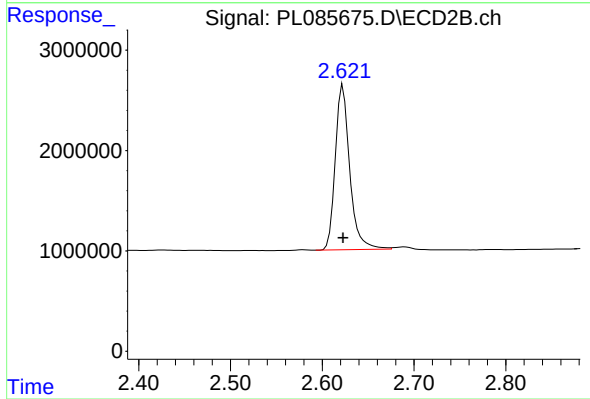




#1 Tetrachloro-m-xylene

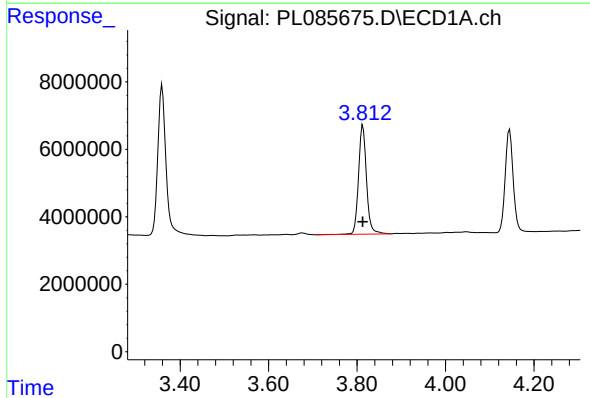
R.T.: 3.359 min  
Delta R.T.: 0.000 min  
Response: 57602438  
Conc: 19.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



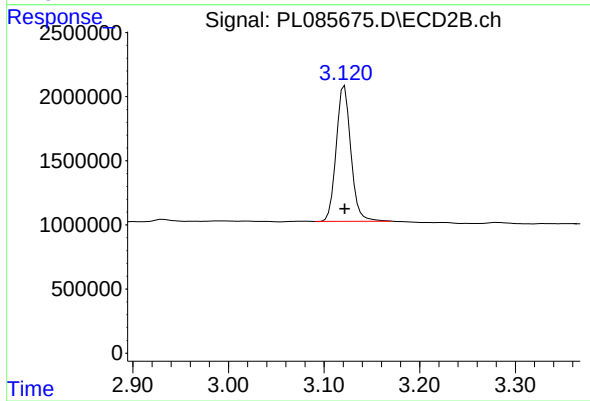
#1 Tetrachloro-m-xylene

R.T.: 2.623 min  
Delta R.T.: 0.000 min  
Response: 18059468  
Conc: 19.33 ng/ml



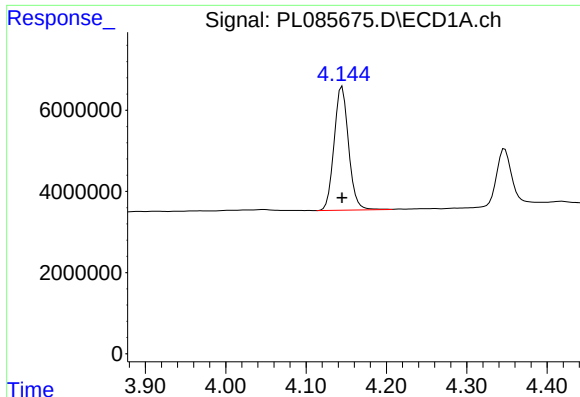
#2 alpha-BHC

R.T.: 3.813 min  
Delta R.T.: 0.000 min  
Response: 40437231  
Conc: 9.42 ng/ml



#2 alpha-BHC

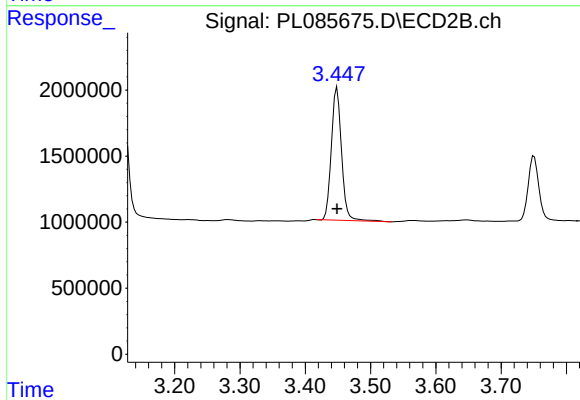
R.T.: 3.121 min  
Delta R.T.: 0.000 min  
Response: 11243311  
Conc: 8.94 ng/ml



#3 gamma-BHC (Lindane)

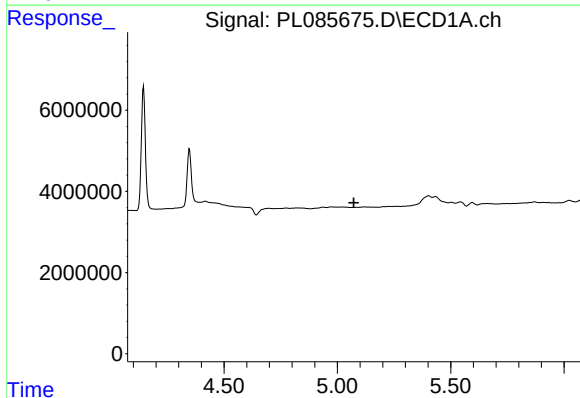
R.T.: 4.145 min  
Delta R.T.: 0.000 min  
Response: 38263397  
Conc: 9.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



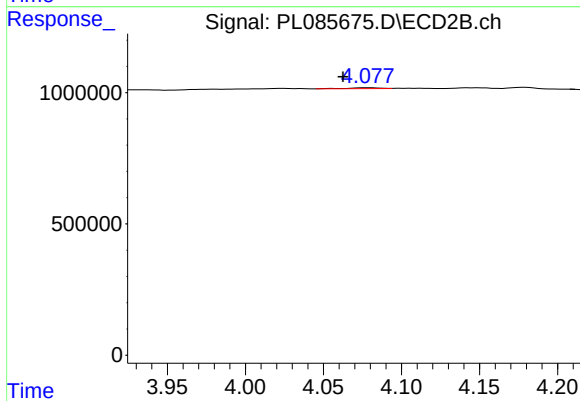
#3 gamma-BHC (Lindane)

R.T.: 3.449 min  
Delta R.T.: 0.000 min  
Response: 10919118  
Conc: 8.85 ng/ml



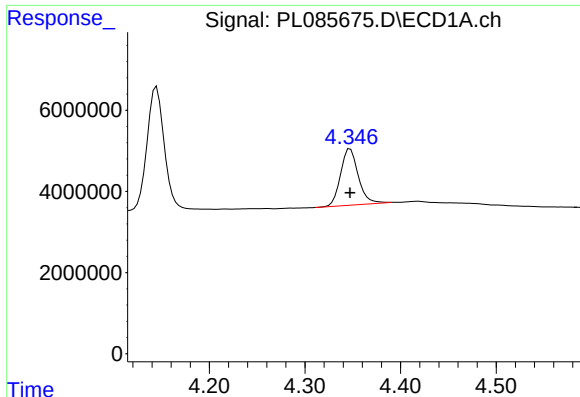
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.072 min  
Response: 0  
Conc: N.D.



#5 Aldrin

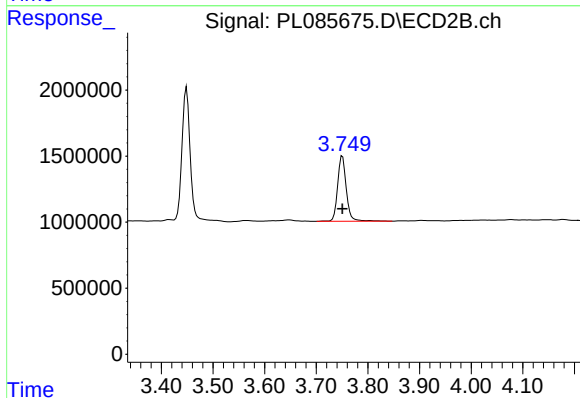
R.T.: 4.078 min  
Delta R.T.: 0.016 min  
Response: 51291  
Conc: 0.05 ng/ml



#6 beta-BHC

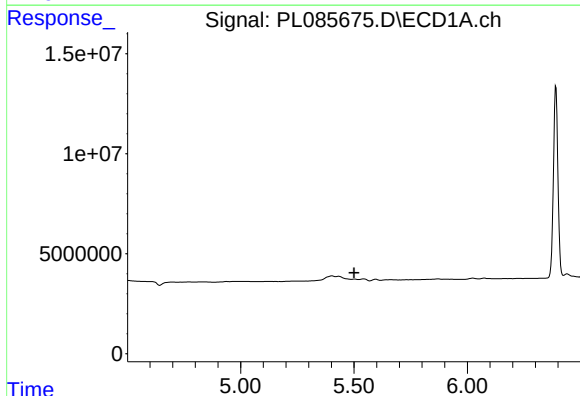
R.T.: 4.347 min  
Delta R.T.: 0.000 min  
Response: 18099345  
Conc: 10.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



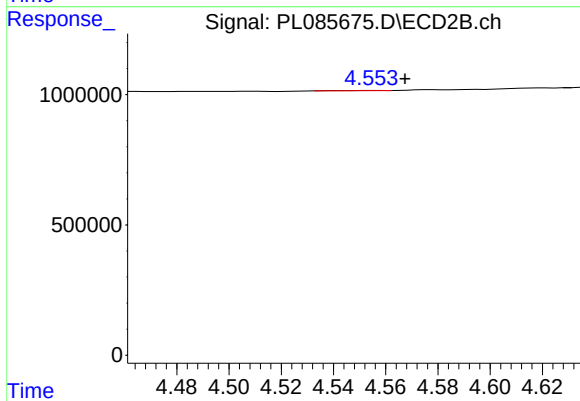
#6 beta-BHC

R.T.: 3.751 min  
Delta R.T.: 0.000 min  
Response: 5773854  
Conc: 11.09 ng/ml



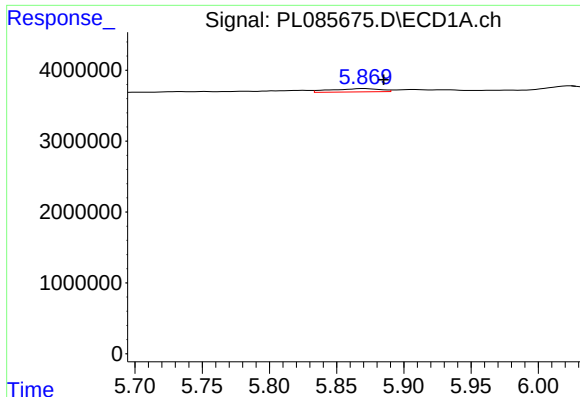
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.501 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

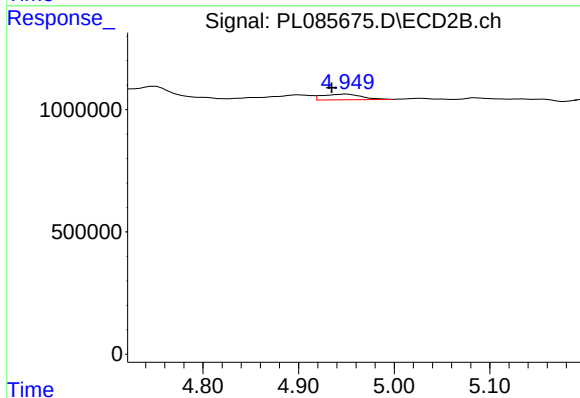
R.T.: 4.556 min  
Delta R.T.: -0.012 min  
Response: 11017  
Conc: 0.01 ng/ml



#9 Endosulfan I

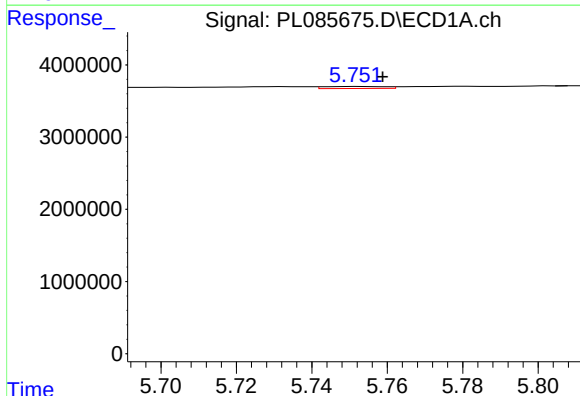
R.T.: 5.871 min  
Delta R.T.: -0.014 min  
Response: 1177121  
Conc: 0.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



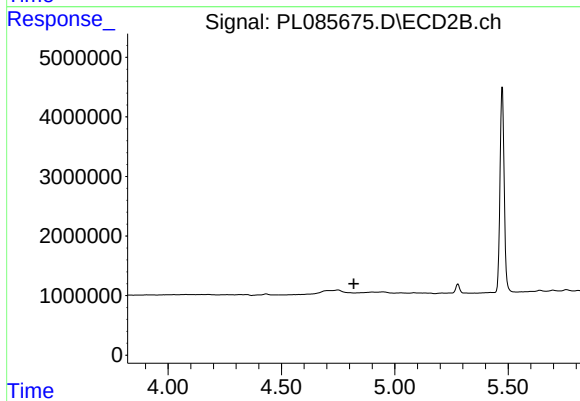
#9 Endosulfan I

R.T.: 4.950 min  
Delta R.T.: 0.015 min  
Response: 655994  
Conc: 0.61 ng/ml



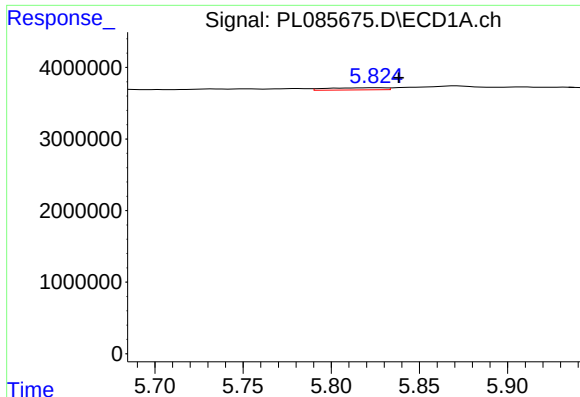
#10 gamma-Chlordane

R.T.: 5.752 min  
Delta R.T.: -0.006 min  
Response: 309111  
Conc: 0.09 ng/ml



#10 gamma-Chlordane

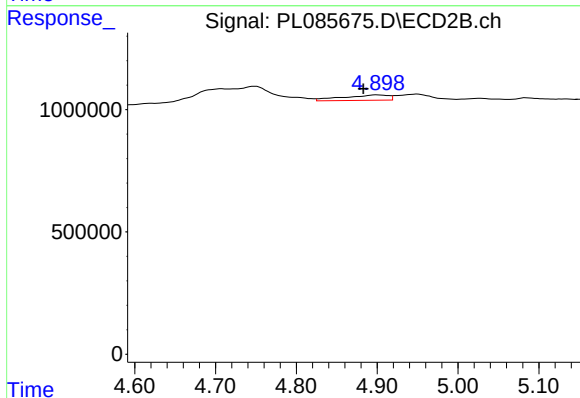
R.T.: 0.000 min  
Exp R.T. : 4.819 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

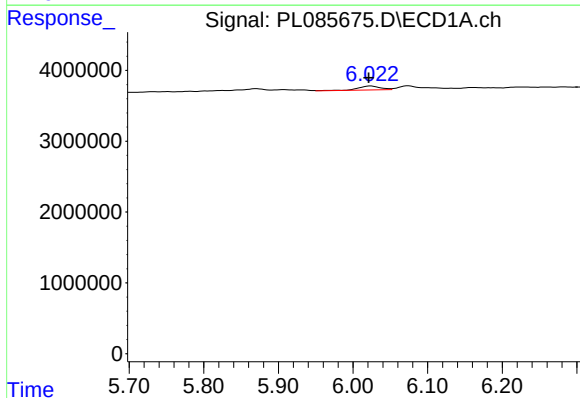
R.T.: 5.825 min  
Delta R.T.: -0.013 min  
Response: 683039  
Conc: 0.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



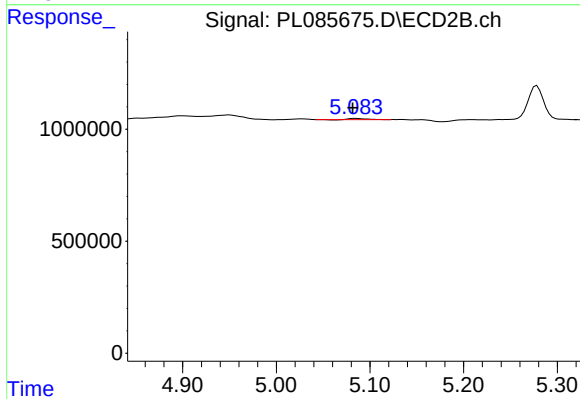
#11 alpha-Chlordane

R.T.: 4.900 min  
Delta R.T.: 0.017 min  
Response: 854152  
Conc: 0.78 ng/ml



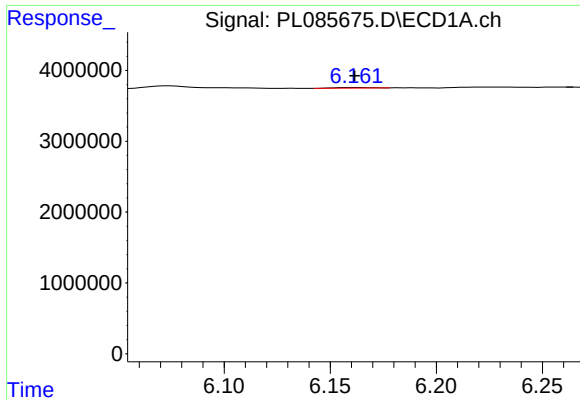
#12 4,4'-DDE

R.T.: 6.023 min  
Delta R.T.: 0.002 min  
Response: 1159366  
Conc: 0.41 ng/ml



#12 4,4'-DDE

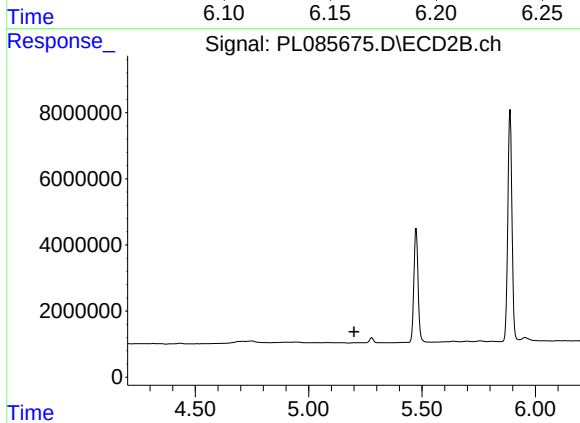
R.T.: 5.085 min  
Delta R.T.: 0.003 min  
Response: 61489  
Conc: 0.07 ng/ml



#13 Dieldrin

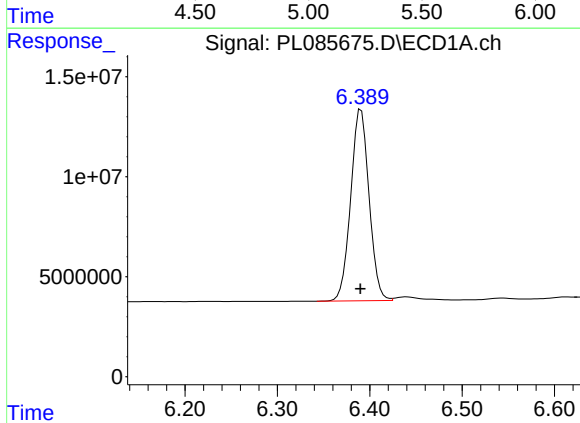
R.T.: 6.162 min  
Delta R.T.: 0.000 min  
Response: 90210  
Conc: 0.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



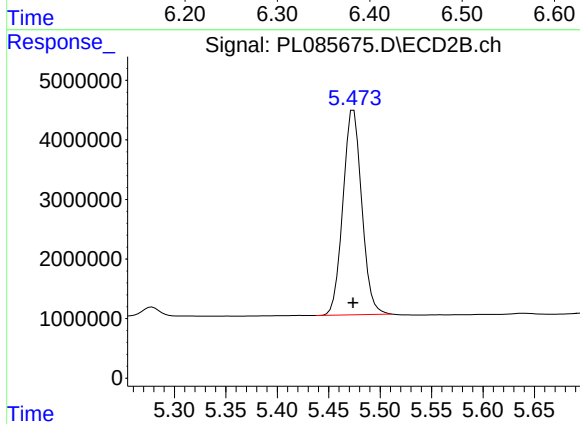
#13 Dieldrin

R.T.: 5.210 min  
Delta R.T.: 0.009 min  
Response: -80531  
Conc: N.D.



#14 Endrin

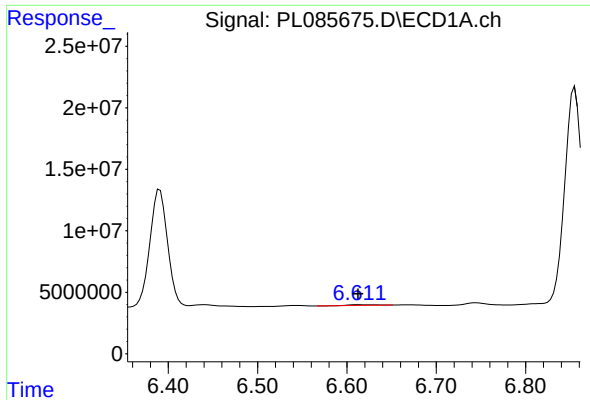
R.T.: 6.391 min  
Delta R.T.: 0.000 min  
Response: 132185883  
Conc: 46.38 ng/ml



#14 Endrin

R.T.: 5.474 min  
Delta R.T.: 0.000 min  
Response: 43811581  
Conc: 48.73 ng/ml

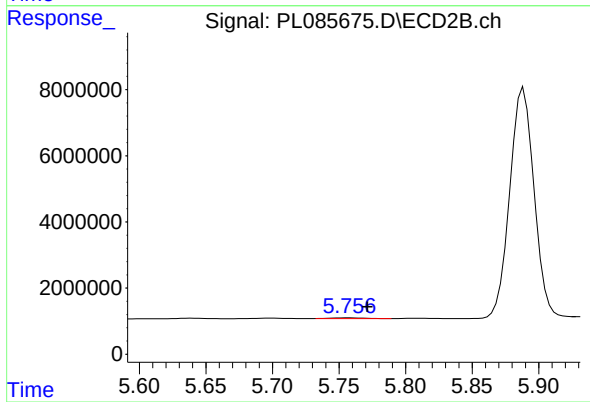




#15 Endosulfan II

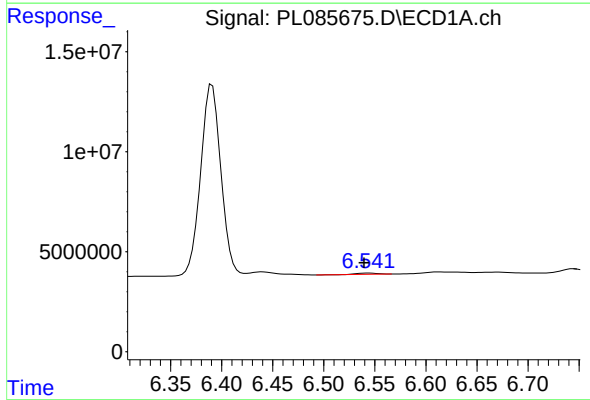
R.T.: 6.613 min  
Delta R.T.: 0.000 min  
Response: 1343116  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



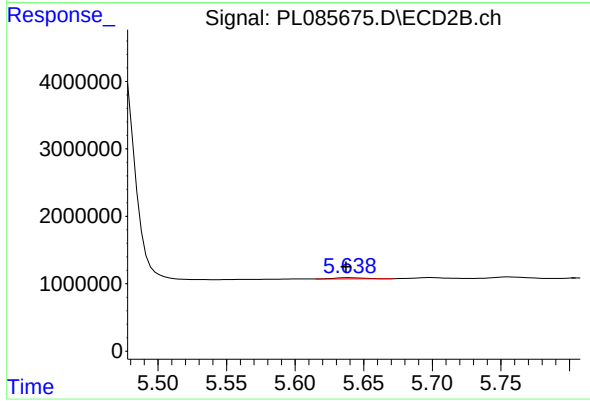
#15 Endosulfan II

R.T.: 5.757 min  
Delta R.T.: -0.014 min  
Response: 337281  
Conc: 0.35 ng/ml



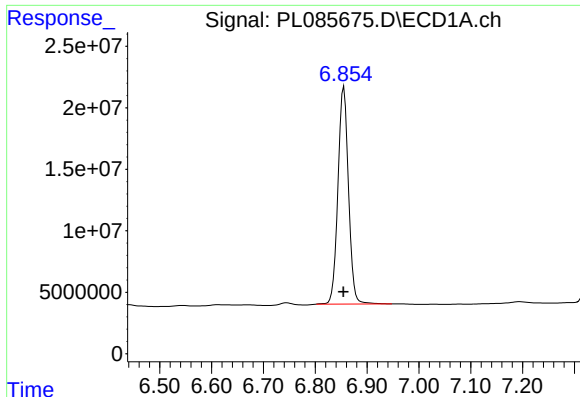
#16 4,4'-DDD

R.T.: 6.543 min  
Delta R.T.: 0.004 min  
Response: 775494  
Conc: 0.38 ng/ml



#16 4,4'-DDD

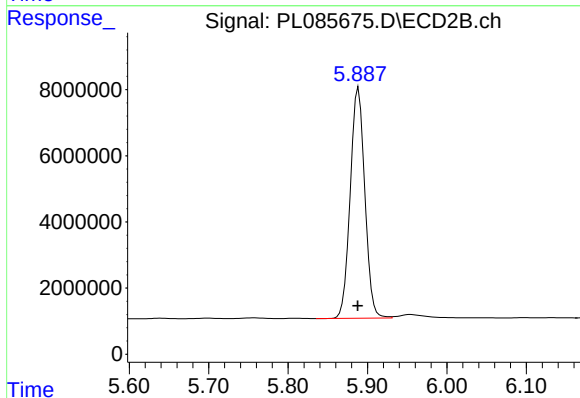
R.T.: 5.640 min  
Delta R.T.: 0.003 min  
Response: 277796  
Conc: 0.40 ng/ml



#17 4,4'-DDT

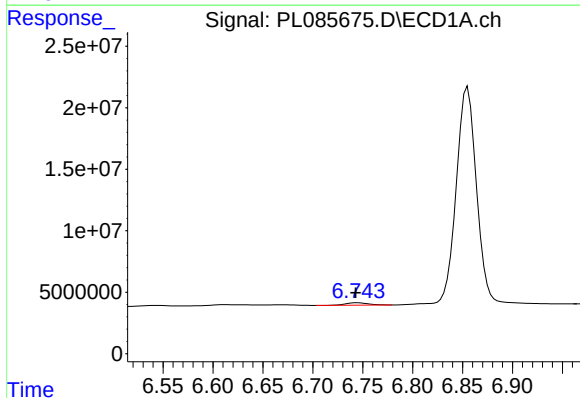
R.T.: 6.855 min  
Delta R.T.: 0.000 min  
Response: 249816326  
Conc: 105.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



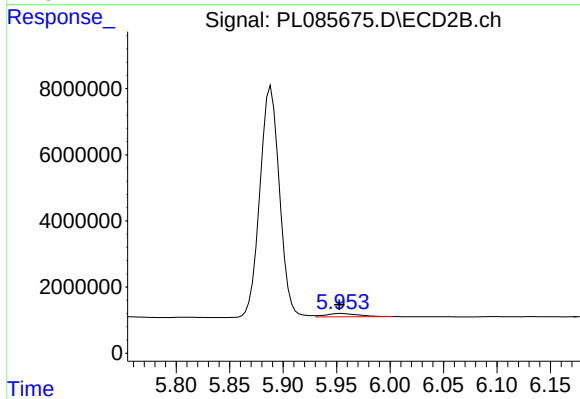
#17 4,4'-DDT

R.T.: 5.889 min  
Delta R.T.: 0.000 min  
Response: 88978025  
Conc: 112.52 ng/ml



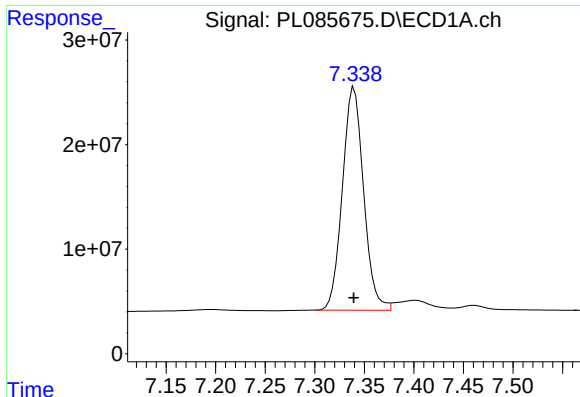
#18 Endrin aldehyde

R.T.: 6.744 min  
Delta R.T.: 0.002 min  
Response: 2921506  
Conc: 1.44 ng/ml



#18 Endrin aldehyde

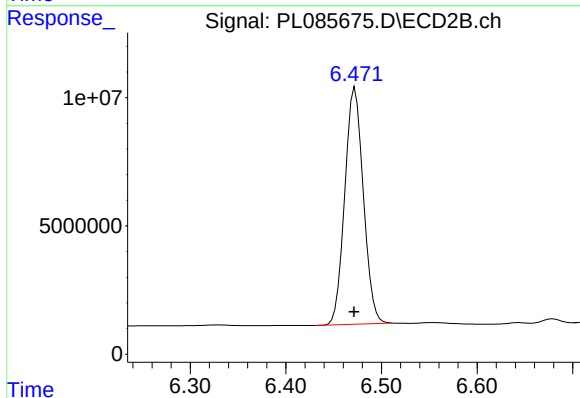
R.T.: 5.955 min  
Delta R.T.: 0.002 min  
Response: 2175533  
Conc: 2.92 ng/ml



#20 Methoxychlor

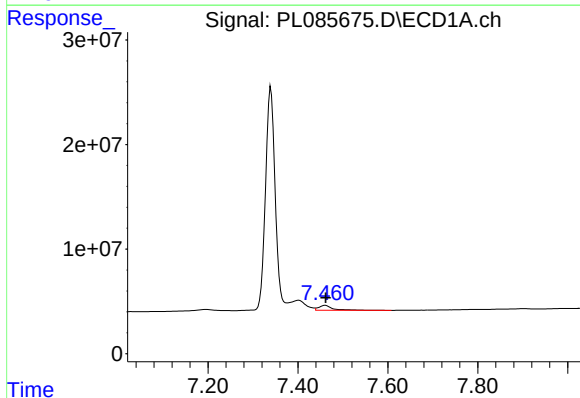
R.T.: 7.340 min  
Delta R.T.: 0.000 min  
Response: 317630739  
Conc: 227.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



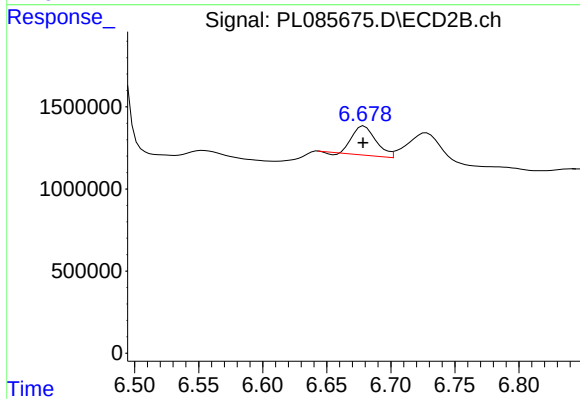
#20 Methoxychlor

R.T.: 6.472 min  
Delta R.T.: 0.000 min  
Response: 124982775  
Conc: 237.58 ng/ml



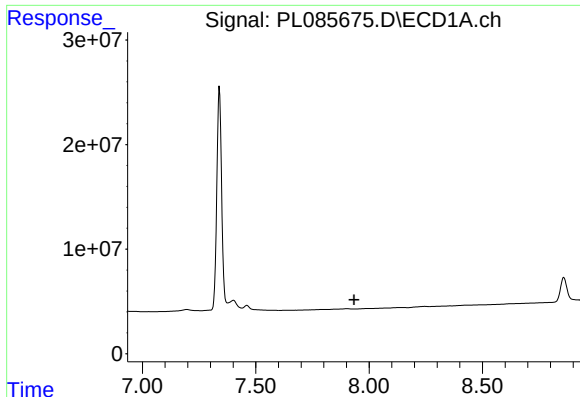
#21 Endrin ketone

R.T.: 7.461 min  
Delta R.T.: 0.000 min  
Response: 10322177  
Conc: 3.58 ng/ml



#21 Endrin ketone

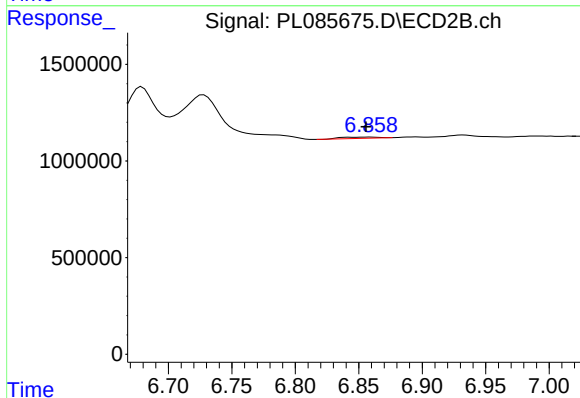
R.T.: 6.679 min  
Delta R.T.: 0.000 min  
Response: 2278841  
Conc: 1.98 ng/ml



#22 Mirex

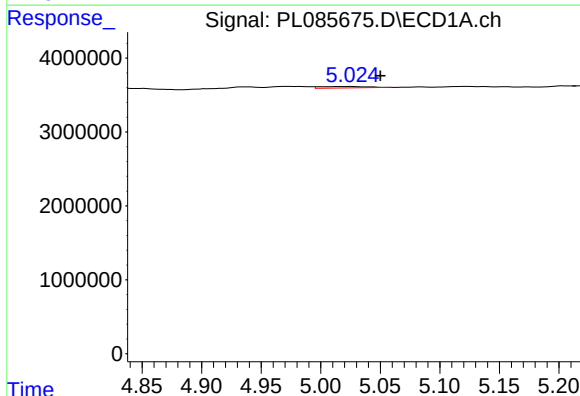
R.T.: 0.000 min  
Exp R.T.: 7.933 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



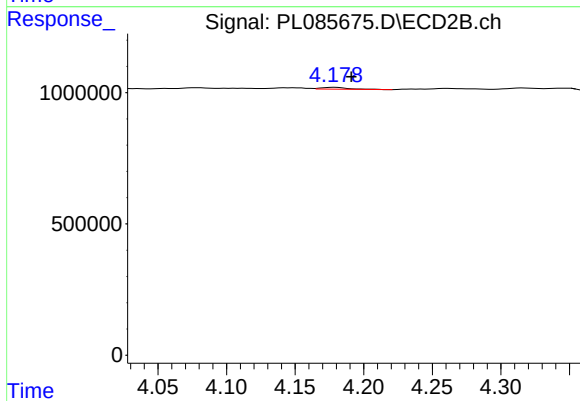
#22 Mirex

R.T.: 6.859 min  
Delta R.T.: 0.003 min  
Response: 134011  
Conc: 0.14 ng/ml



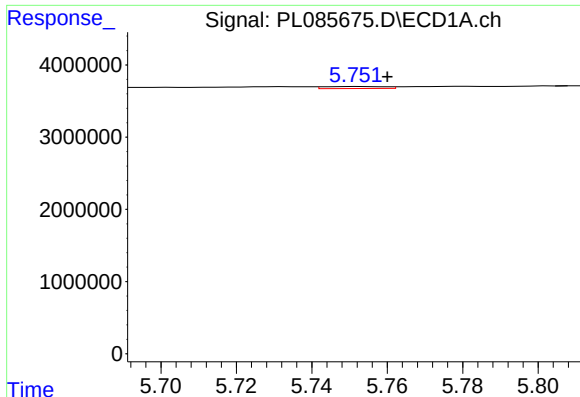
#24 Chlordane-2

R.T.: 5.026 min  
Delta R.T.: -0.024 min  
Response: 530675  
Conc: 4.08 ng/ml



#24 Chlordane-2

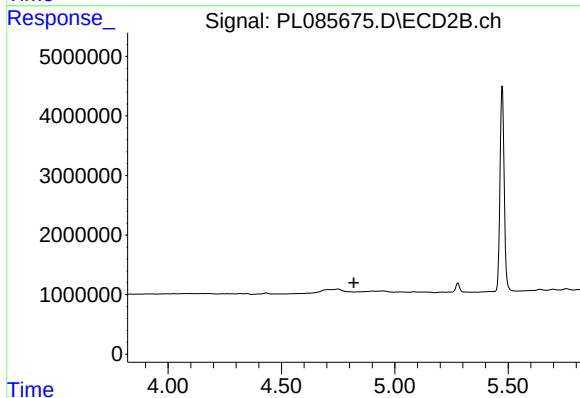
R.T.: 4.179 min  
Delta R.T.: -0.012 min  
Response: 90116  
Conc: 2.32 ng/ml



#25 Chlordane-3

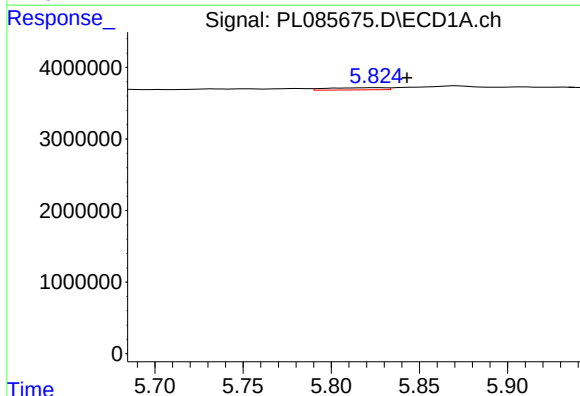
R.T.: 5.752 min  
Delta R.T.: -0.008 min  
Response: 309111  
Conc: 0.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



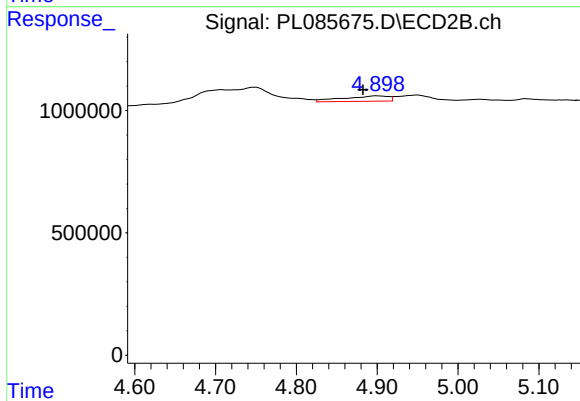
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T. : 4.820 min  
Response: 0  
Conc: N.D.



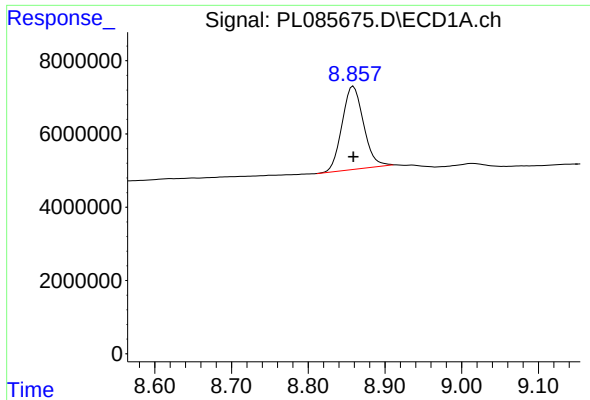
#26 Chlordane-4

R.T.: 5.825 min  
Delta R.T.: -0.018 min  
Response: 683039  
Conc: 1.08 ng/ml



#26 Chlordane-4

R.T.: 4.900 min  
Delta R.T.: 0.017 min  
Response: 854152  
Conc: 7.38 ng/ml



#28 Decachlorobiphenyl

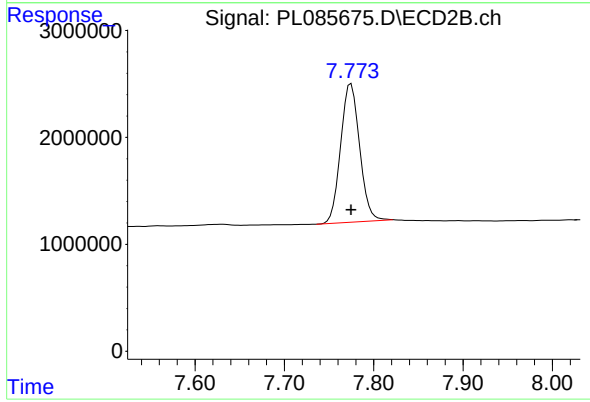
R.T.: 8.859 min

Delta R.T.: 0.000 min

Response: 44520493

Conc: 20.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.775 min

Delta R.T.: 0.000 min

Response: 19146515

Conc: 20.74 ng/ml