

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101723\  
 Data File : PL085964.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Oct 2023 11:06  
 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 17 21:59:46 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... | 3.366  | 2.621  | 58440621 | 17967836 | 19.649  | 19.235  |
| 28)                         | SA Decachlor... | 8.870  | 7.778  | 53320147 | 23747131 | 24.481  | 25.729  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.820  | 3.120  | 39600375 | 11142345 | 9.227   | 8.856   |
| 3)                          | MA gamma-BHC... | 4.152  | 3.448  | 39251805 | 10915653 | 9.496   | 8.850   |
| 4)                          | MA Heptachlor   | 4.702f | 0.000  | 827625   | 0        | 0.214   | N.D. #  |
| 5)                          | MB Aldrin       | 0.000  | 4.057  | 0        | 92162    | N.D.    | 0.082 # |
| 6)                          | B beta-BHC      | 4.355  | 3.751  | 17875745 | 5775915  | 10.810  | 11.095  |
| 7)                          | B delta-BHC     | 0.000  | 3.968  | 0        | 69960    | N.D.    | 0.061 # |
| 8)                          | B Heptachlo...  | 0.000  | 4.564  | 0        | 74976    | N.D.    | 0.075 # |
| 9)                          | A Endosulfan I  | 0.000  | 4.951f | 0        | 99304    | N.D.    | 0.093 # |
| 11)                         | B alpha-Chl...  | 0.000  | 4.883  | 0        | 54053    | N.D.    | 0.050 # |
| 12)                         | B 4,4'-DDE      | 6.029  | 5.085  | 1343129  | 142301   | 0.480   | 0.173 # |
| 14)                         | MA Endrin       | 6.398  | 5.475  | 140.7E6  | 48279623 | 49.355  | 53.703  |
| 15)                         | B Endosulfa...  | 6.612  | 5.741f | 4986626  | 197711   | 1.810   | 0.208 # |
| 16)                         | A 4,4'-DDD      | 6.550  | 5.641  | 2807494  | 143074   | 1.394   | 0.206 # |
| 17)                         | MA 4,4'-DDT     | 6.864  | 5.890  | 292.8E6  | 105.7E6  | 124.229 | 133.647 |
| 18)                         | B Endrin al...  | 6.752  | 5.954  | 2768396  | 2129309  | 1.366   | 2.855 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.200f | 0        | 4984     | N.D.    | 0.006 # |
| 20)                         | A Methoxychlor  | 7.349  | 6.475  | 387.0E6  | 144.1E6  | 277.111 | 274.001 |
| 21)                         | B Endrin ke...  | 7.469  | 6.680  | 11761822 | 540869   | 4.084   | 0.471 # |
| 24)                         | Chlordane-2     | 0.000  | 4.199  | 0        | 18630    | N.D.    | 0.479 # |
| 25)                         | Chlordane-3     | 5.724f | 0.000  | 583583   | 0        | 1.144   | N.D. #  |
| 26)                         | Chlordane-4     | 0.000  | 4.883  | 0        | 54053    | N.D.    | 0.467 # |
| 27)                         | Chlordane-5     | 0.000  | 5.559  | 0        | 24422    | N.D.    | 0.876 # |
| -----                       |                 |        |        |          |          |         |         |

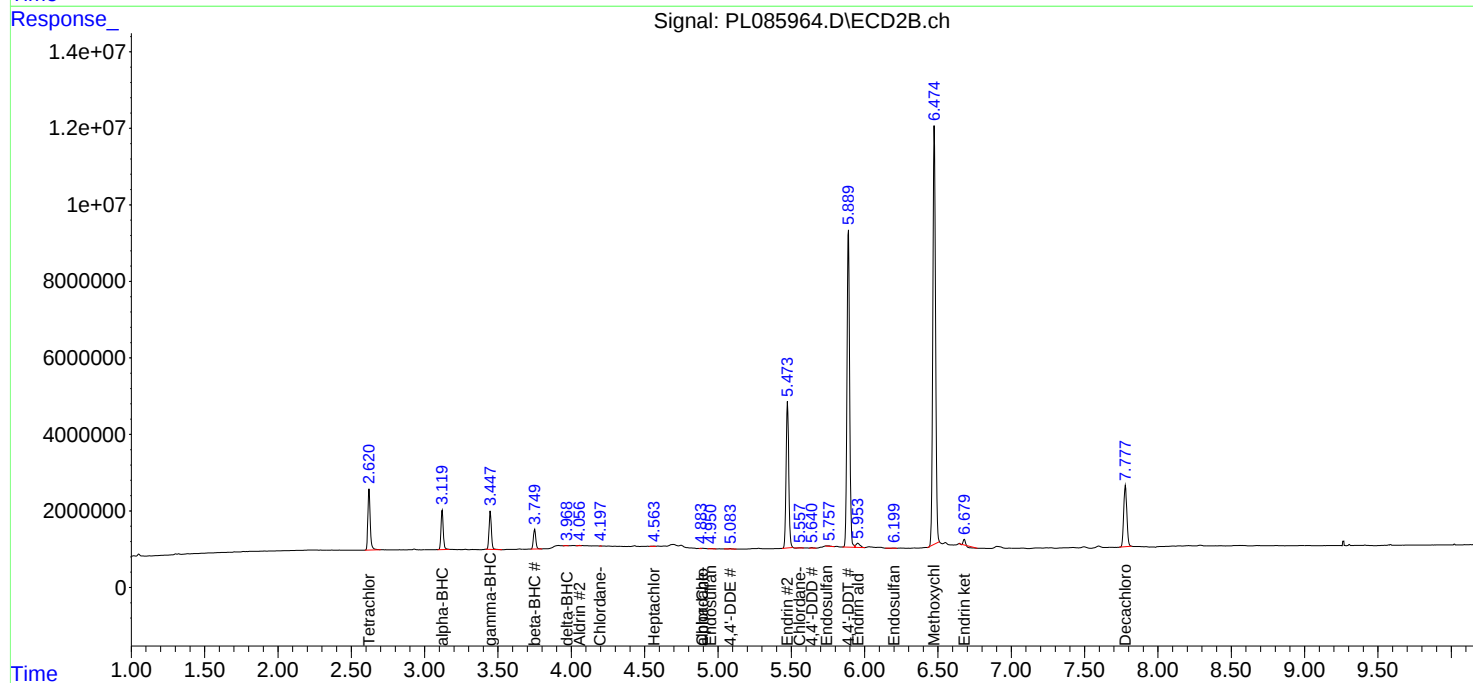
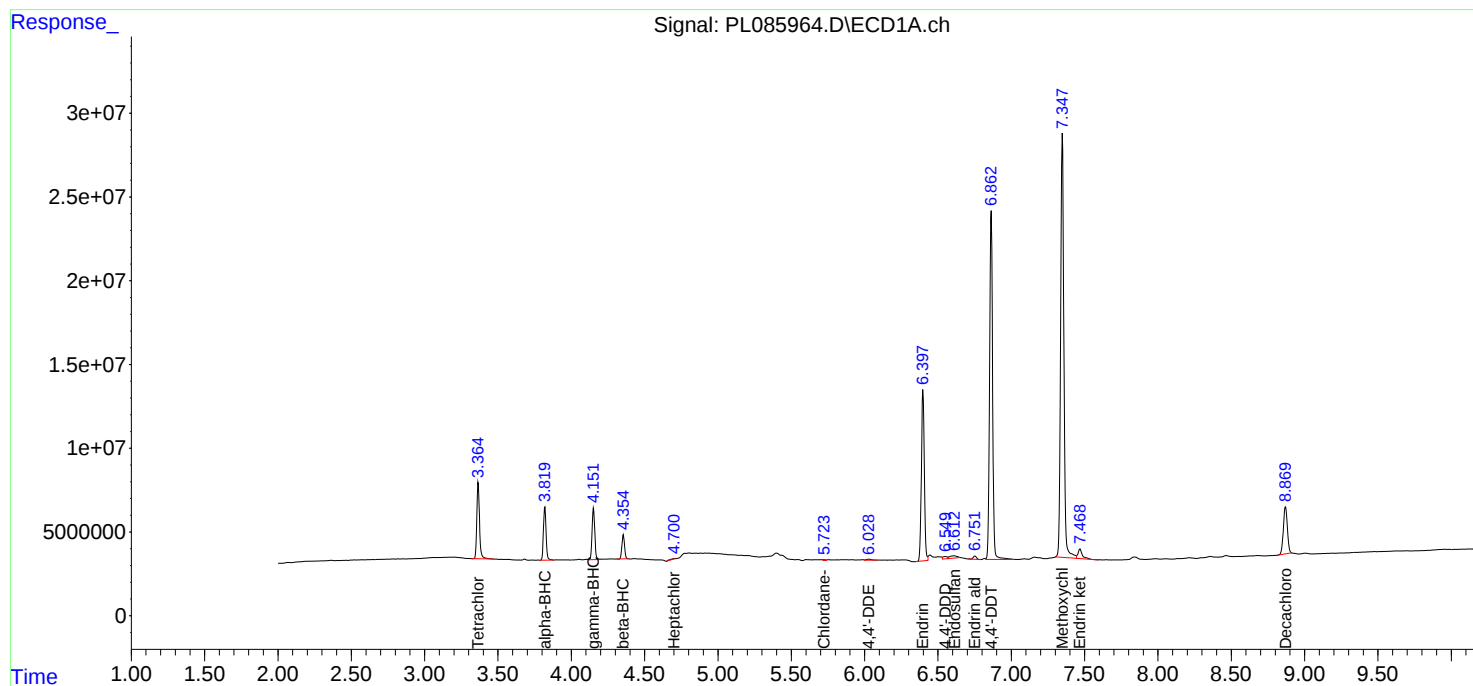
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

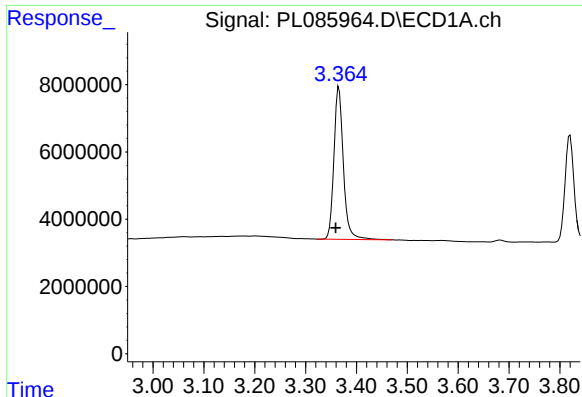
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101723\  
Data File : PL085964.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Oct 2023 11:06  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 17 21:59:46 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

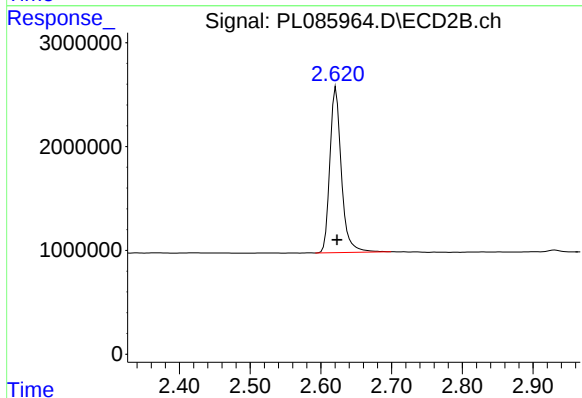




#1 Tetrachloro-m-xylene

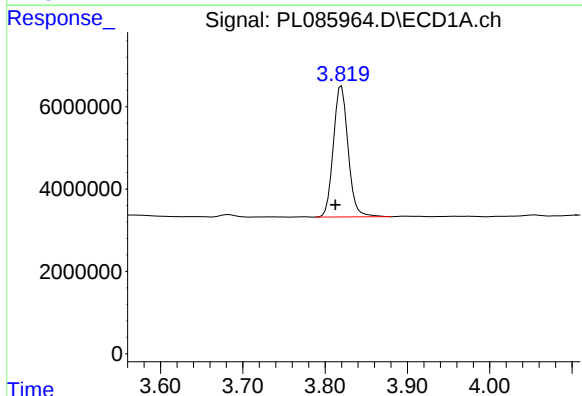
R.T.: 3.366 min  
Delta R.T.: 0.007 min  
Response: 58440621  
Conc: 19.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



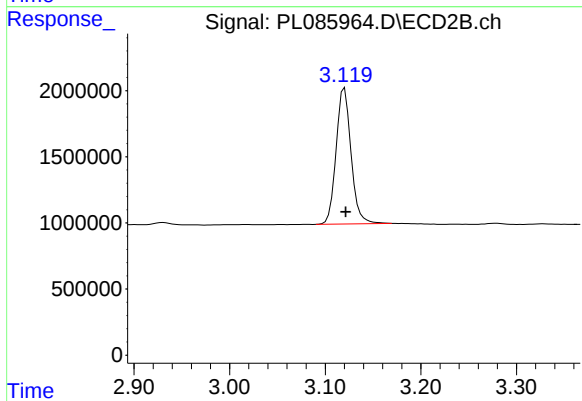
#1 Tetrachloro-m-xylene

R.T.: 2.621 min  
Delta R.T.: -0.001 min  
Response: 17967836  
Conc: 19.24 ng/ml



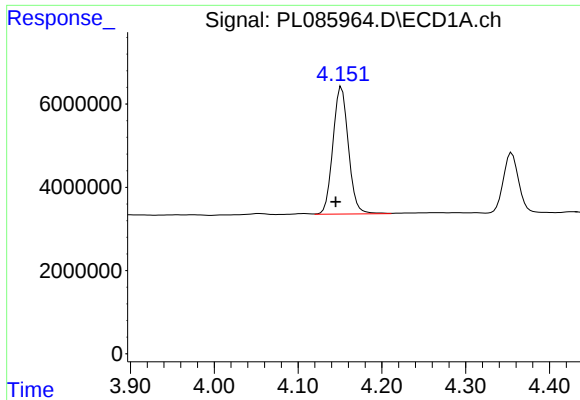
#2 alpha-BHC

R.T.: 3.820 min  
Delta R.T.: 0.007 min  
Response: 39600375  
Conc: 9.23 ng/ml



#2 alpha-BHC

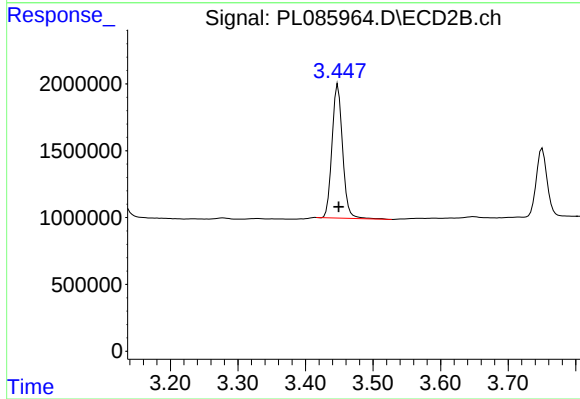
R.T.: 3.120 min  
Delta R.T.: -0.001 min  
Response: 11142345  
Conc: 8.86 ng/ml



#3 gamma-BHC (Lindane)

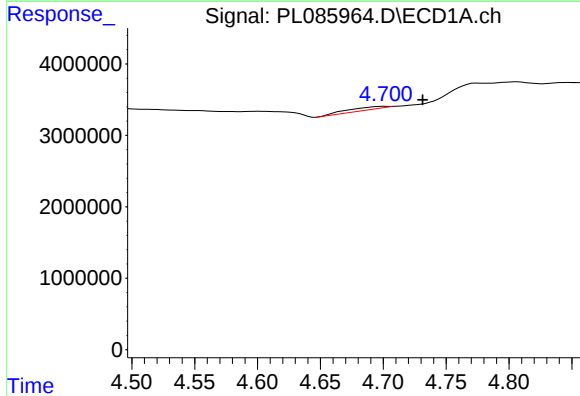
R.T.: 4.152 min  
Delta R.T.: 0.007 min  
Response: 39251805  
Conc: 9.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



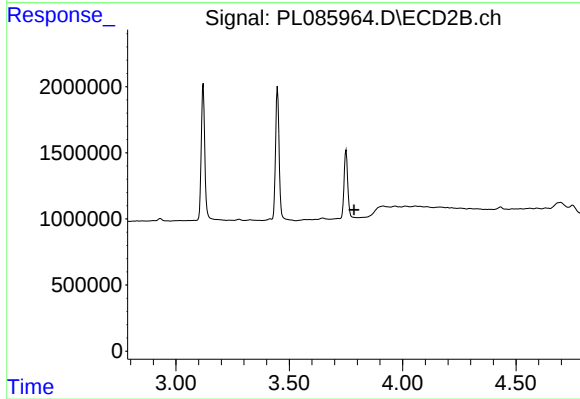
#3 gamma-BHC (Lindane)

R.T.: 3.448 min  
Delta R.T.: -0.001 min  
Response: 10915653  
Conc: 8.85 ng/ml



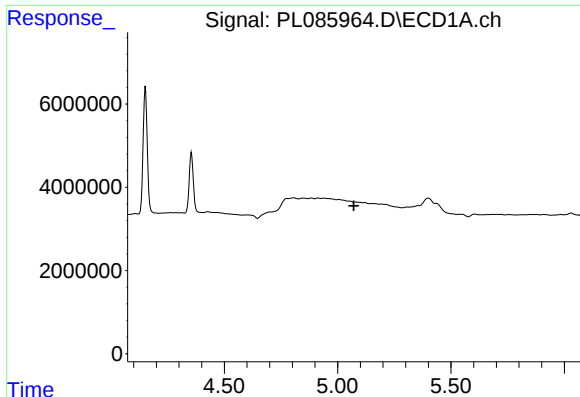
#4 Heptachlor

R.T.: 4.702 min  
Delta R.T.: -0.030 min  
Response: 827625  
Conc: 0.21 ng/ml



#4 Heptachlor

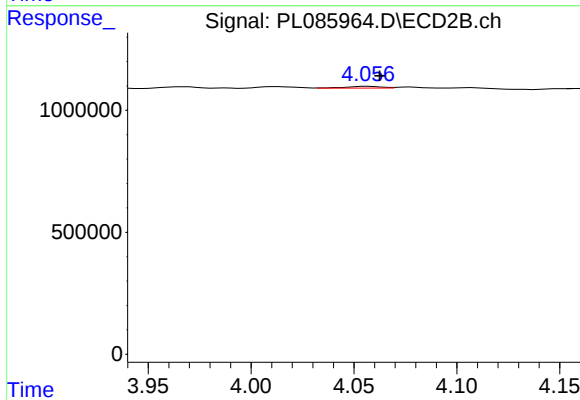
R.T.: 0.000 min  
Exp R.T. : 3.786 min  
Response: 0  
Conc: N.D.



#5 Aldrin

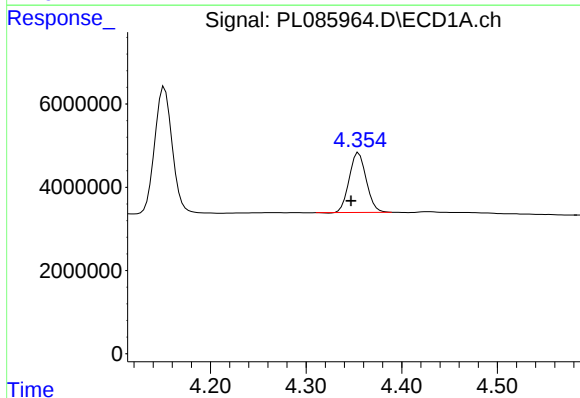
R.T.: 0.000 min  
Exp R.T.: 5.072 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



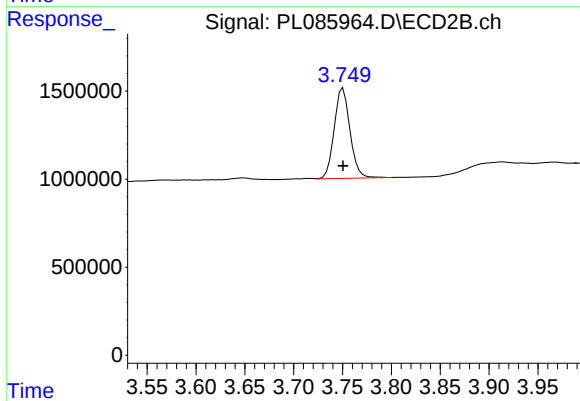
#5 Aldrin

R.T.: 4.057 min  
Delta R.T.: -0.005 min  
Response: 92162  
Conc: 0.08 ng/ml



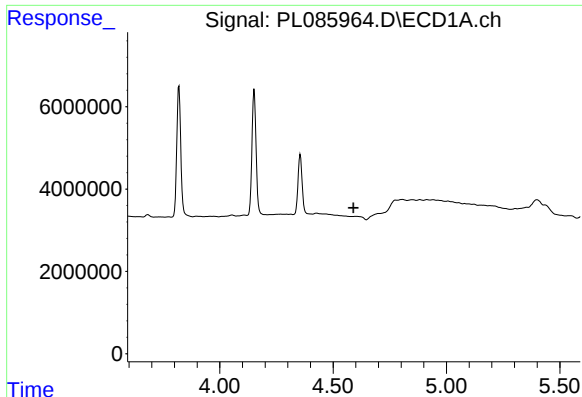
#6 beta-BHC

R.T.: 4.355 min  
Delta R.T.: 0.008 min  
Response: 17875745  
Conc: 10.81 ng/ml



#6 beta-BHC

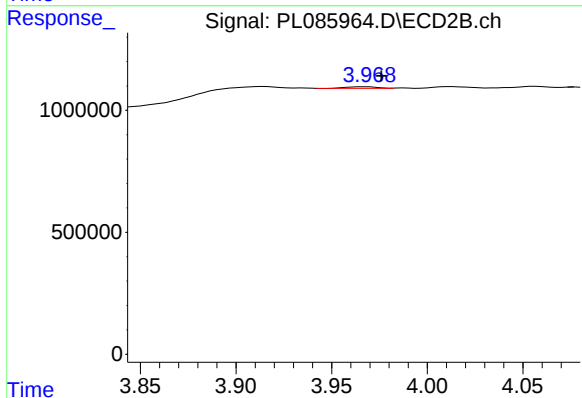
R.T.: 3.751 min  
Delta R.T.: 0.000 min  
Response: 5775915  
Conc: 11.09 ng/ml



#7 delta-BHC

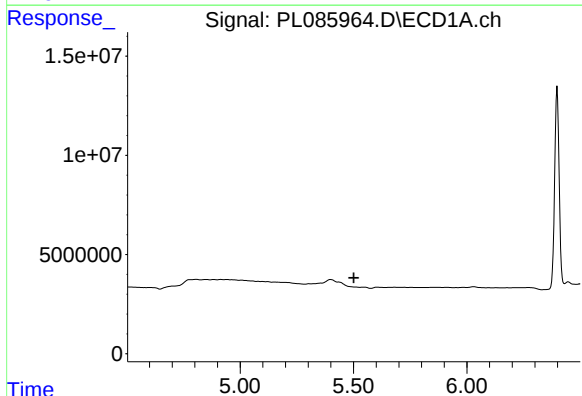
R.T.: 0.000 min  
Exp R.T.: 4.590 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



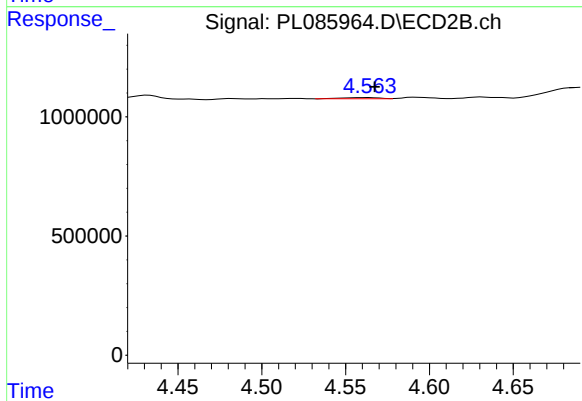
#7 delta-BHC

R.T.: 3.968 min  
Delta R.T.: -0.008 min  
Response: 69960  
Conc: 0.06 ng/ml



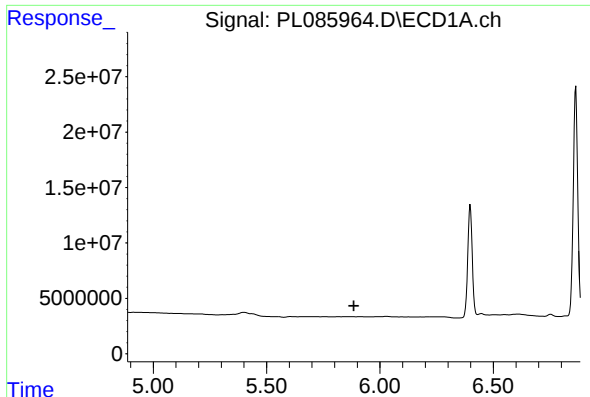
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

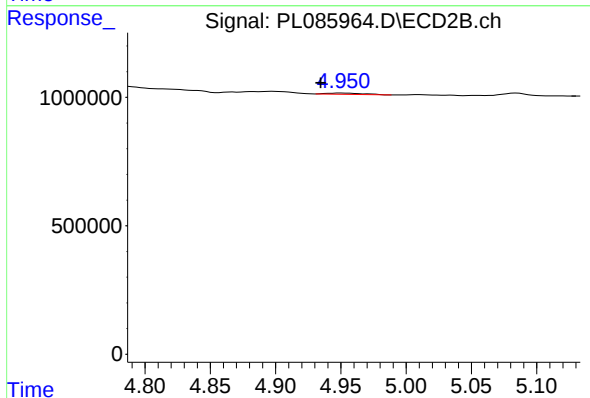
R.T.: 4.564 min  
Delta R.T.: -0.003 min  
Response: 74976  
Conc: 0.07 ng/ml



#9 Endosulfan I

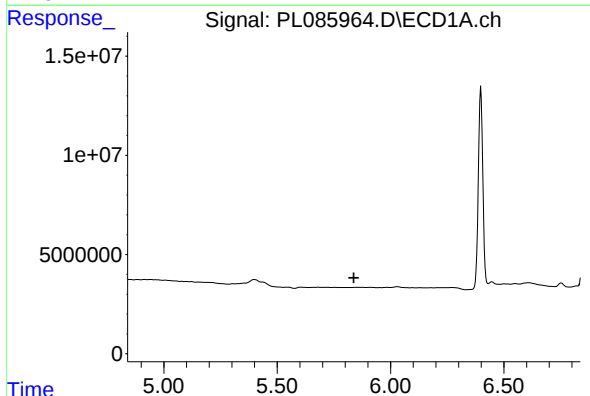
R.T.: 0.000 min  
Exp R.T.: 5.885 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



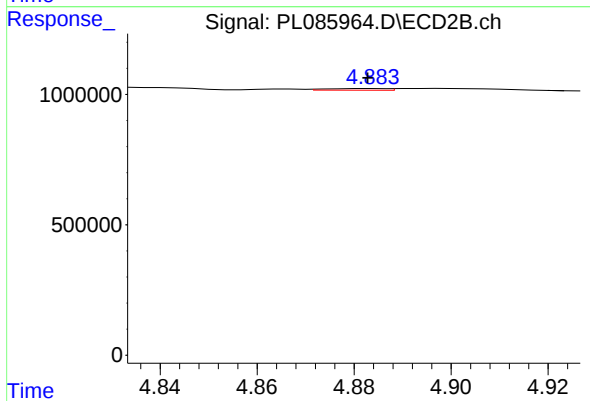
#9 Endosulfan I

R.T.: 4.951 min  
Delta R.T.: 0.016 min  
Response: 99304  
Conc: 0.09 ng/ml



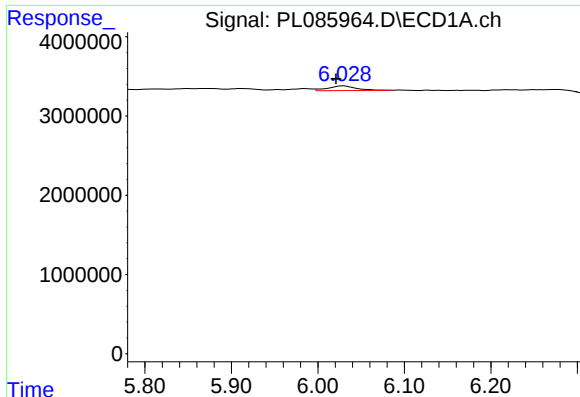
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T.: 5.838 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

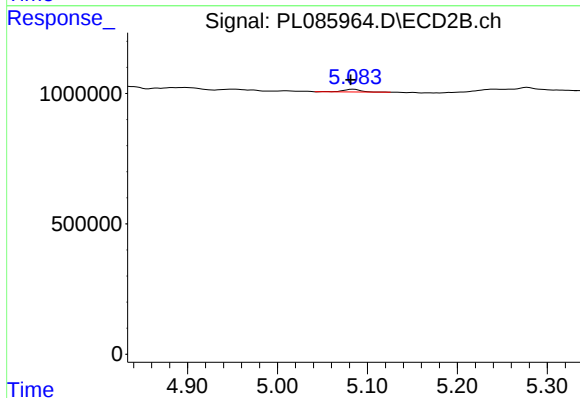
R.T.: 4.883 min  
Delta R.T.: 0.000 min  
Response: 54053  
Conc: 0.05 ng/ml



#12 4,4'-DDE

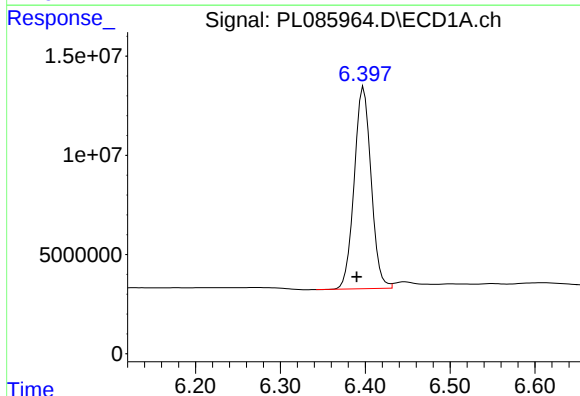
R.T.: 6.029 min  
Delta R.T.: 0.008 min  
Response: 1343129  
Conc: 0.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



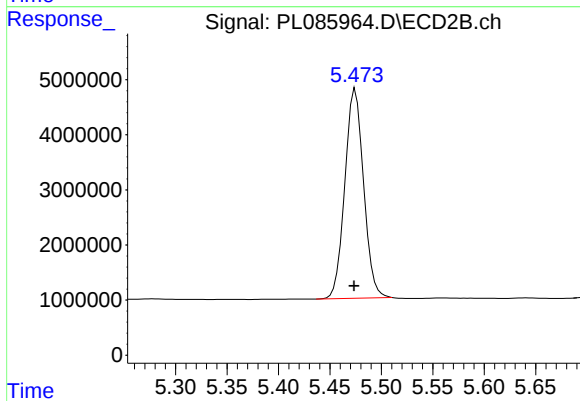
#12 4,4'-DDE

R.T.: 5.085 min  
Delta R.T.: 0.003 min  
Response: 142301  
Conc: 0.17 ng/ml



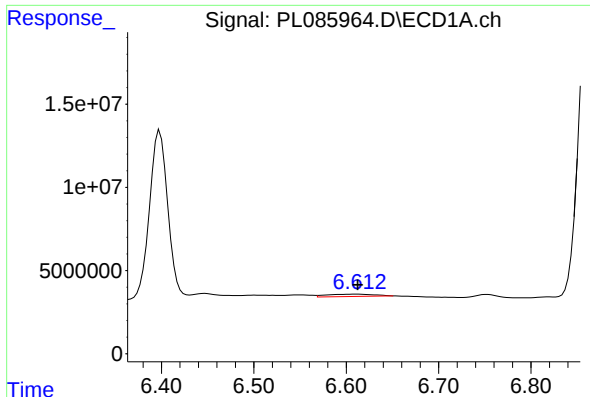
#14 Endrin

R.T.: 6.398 min  
Delta R.T.: 0.008 min  
Response: 140650806  
Conc: 49.36 ng/ml



#14 Endrin

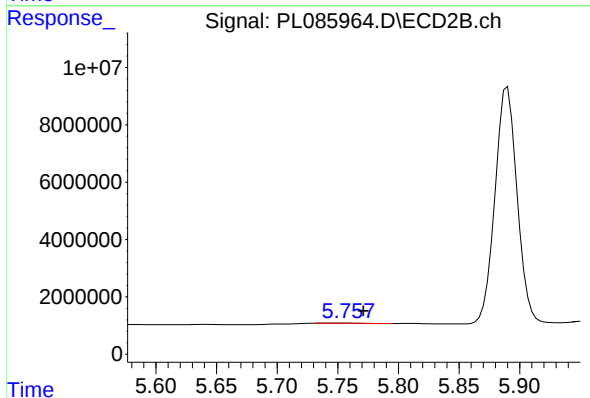
R.T.: 5.475 min  
Delta R.T.: 0.001 min  
Response: 48279623  
Conc: 53.70 ng/ml



#15 Endosulfan II

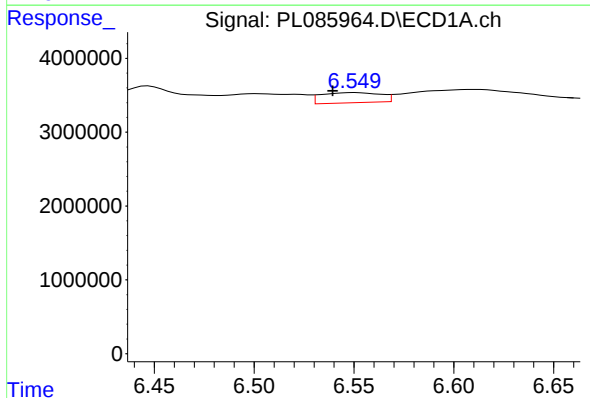
R.T.: 6.612 min  
Delta R.T.: 0.000 min  
Response: 4986626  
Conc: 1.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



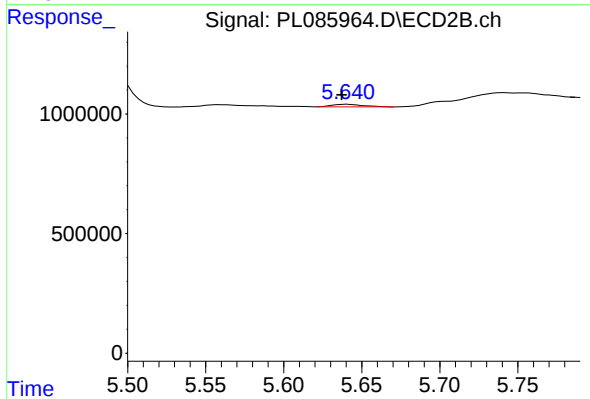
#15 Endosulfan II

R.T.: 5.741 min  
Delta R.T.: -0.030 min  
Response: 197711  
Conc: 0.21 ng/ml



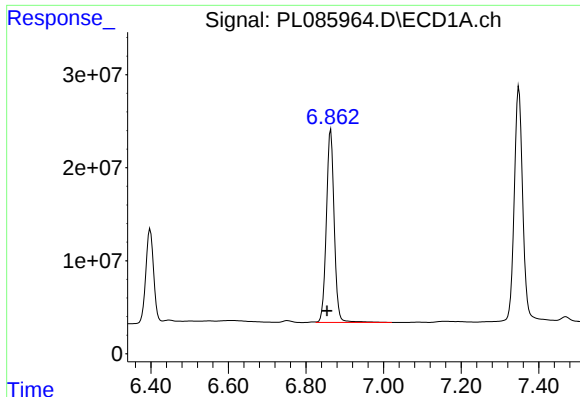
#16 4,4'-DDD

R.T.: 6.550 min  
Delta R.T.: 0.011 min  
Response: 2807494  
Conc: 1.39 ng/ml



#16 4,4'-DDD

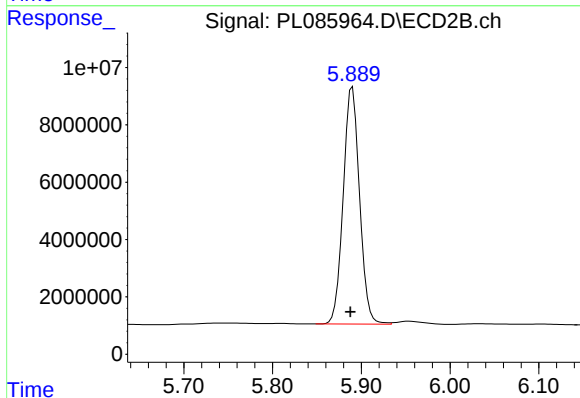
R.T.: 5.641 min  
Delta R.T.: 0.004 min  
Response: 143074  
Conc: 0.21 ng/ml



#17 4,4'-DDT

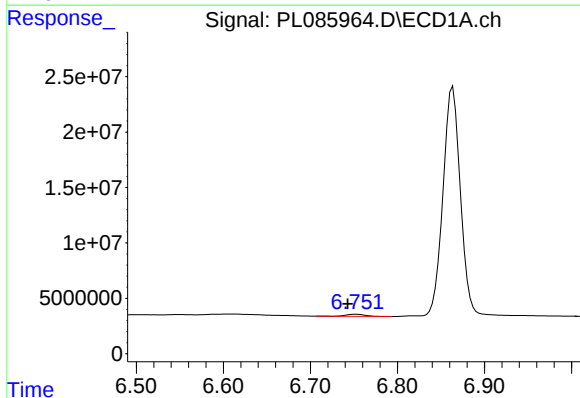
R.T.: 6.864 min  
Delta R.T.: 0.010 min  
Response: 292819606  
Conc: 124.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



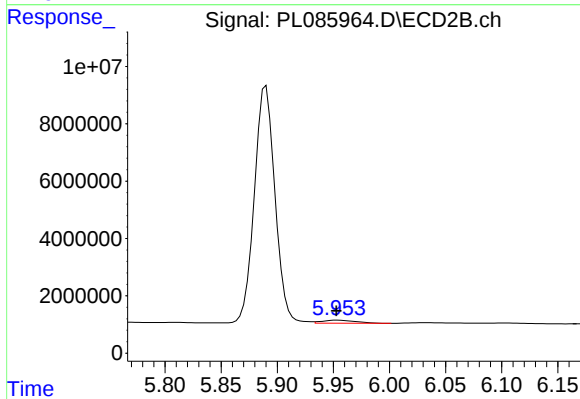
#17 4,4'-DDT

R.T.: 5.890 min  
Delta R.T.: 0.002 min  
Response: 105681688  
Conc: 133.65 ng/ml



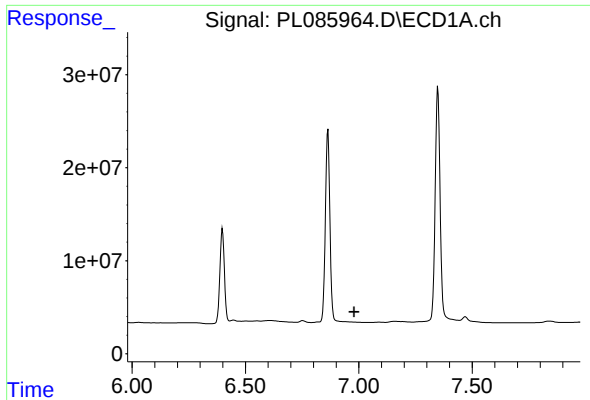
#18 Endrin aldehyde

R.T.: 6.752 min  
Delta R.T.: 0.009 min  
Response: 2768396  
Conc: 1.37 ng/ml



#18 Endrin aldehyde

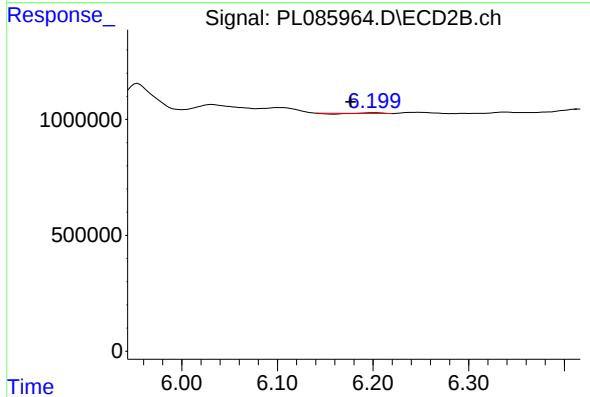
R.T.: 5.954 min  
Delta R.T.: 0.001 min  
Response: 2129309  
Conc: 2.86 ng/ml



#19 Endosulfan Sulfate

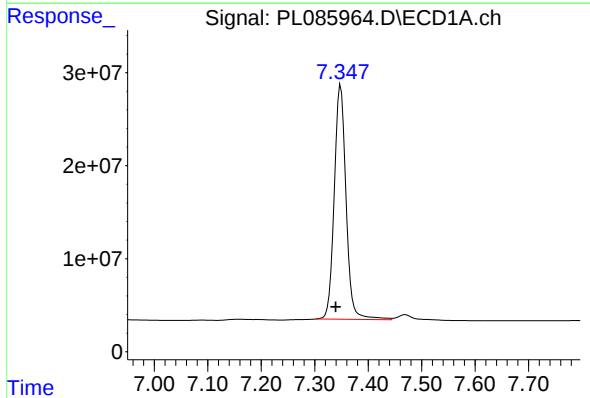
R.T.: 0.000 min  
Exp R.T.: 6.979 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



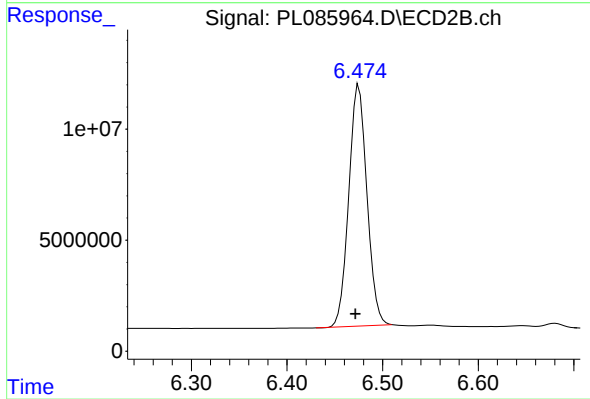
#19 Endosulfan Sulfate

R.T.: 6.200 min  
Delta R.T.: 0.023 min  
Response: 4984  
Conc: 0.01 ng/ml



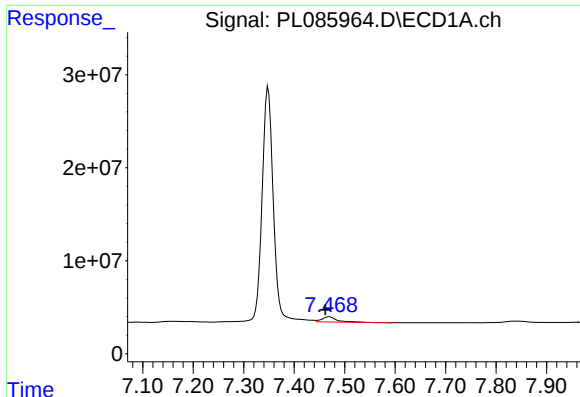
#20 Methoxychlor

R.T.: 7.349 min  
Delta R.T.: 0.009 min  
Response: 387018091  
Conc: 277.11 ng/ml



#20 Methoxychlor

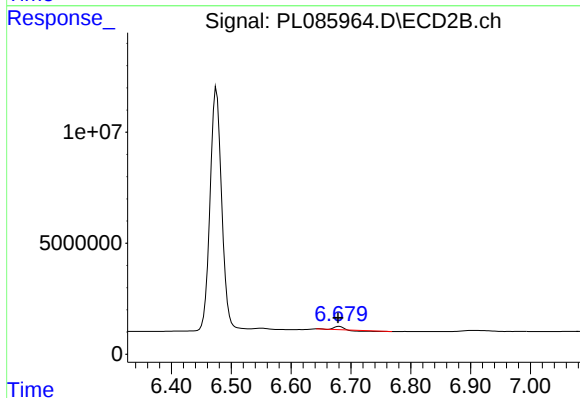
R.T.: 6.475 min  
Delta R.T.: 0.004 min  
Response: 144145755  
Conc: 274.00 ng/ml



#21 Endrin ketone

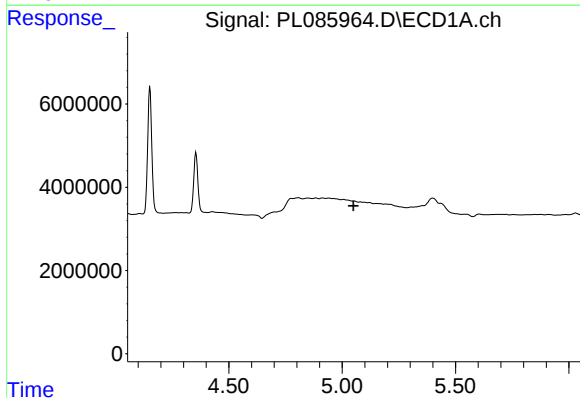
R.T.: 7.469 min  
Delta R.T.: 0.007 min  
Response: 11761822  
Conc: 4.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



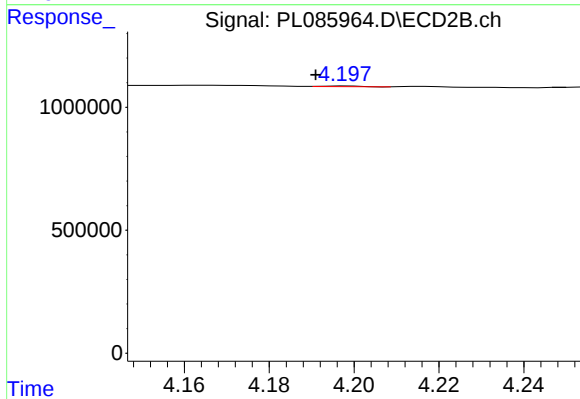
#21 Endrin ketone

R.T.: 6.680 min  
Delta R.T.: 0.002 min  
Response: 540869  
Conc: 0.47 ng/ml



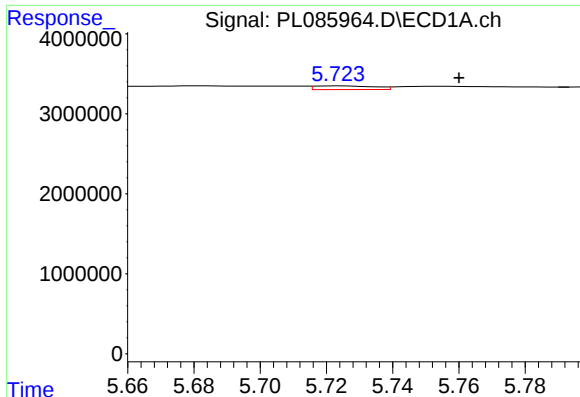
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.050 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

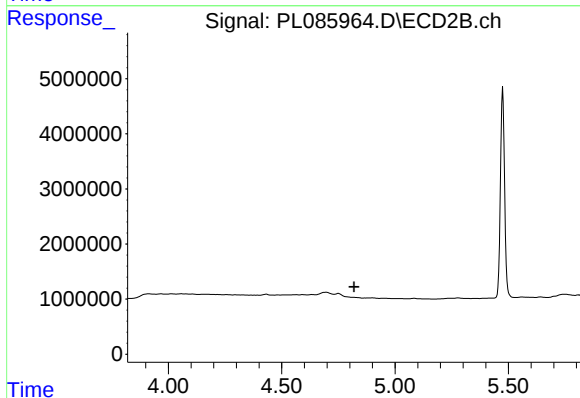
R.T.: 4.199 min  
Delta R.T.: 0.008 min  
Response: 18630  
Conc: 0.48 ng/ml



#25 Chlordane-3

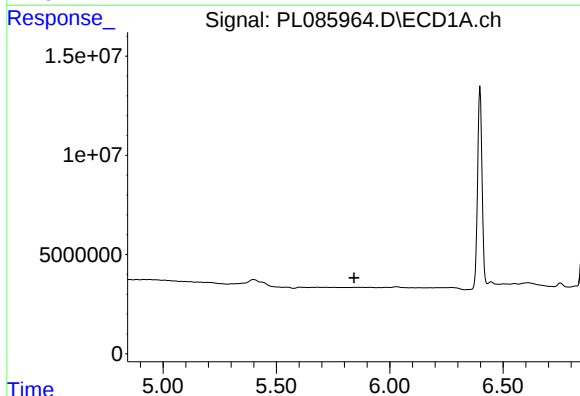
R.T.: 5.724 min  
Delta R.T.: -0.036 min  
Response: 583583  
Conc: 1.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



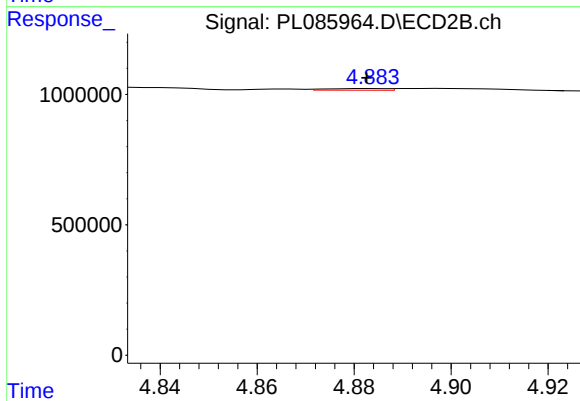
#25 Chlordane-3

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



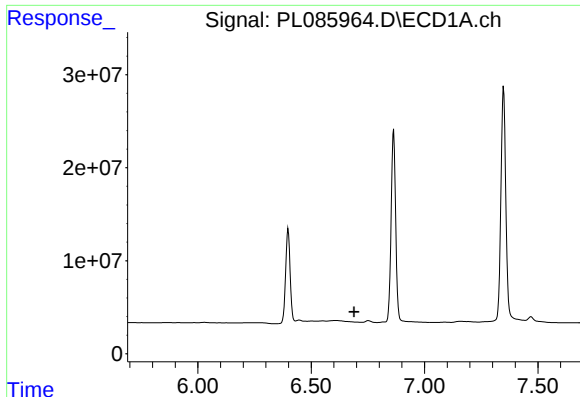
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 5.843 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

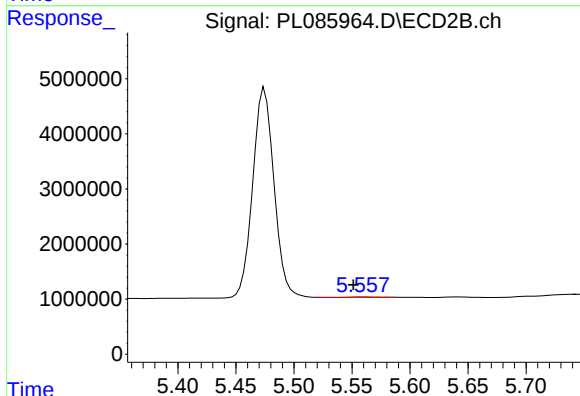
R.T.: 4.883 min  
Delta R.T.: 0.000 min  
Response: 54053  
Conc: 0.47 ng/ml



#27 Chlordane-5

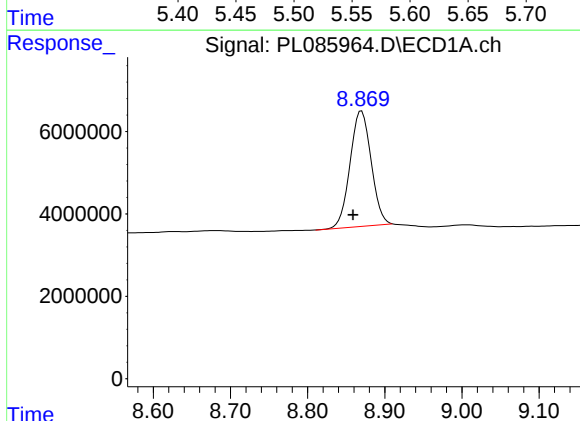
R.T.: 0.000 min  
Exp R.T.: 6.689 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



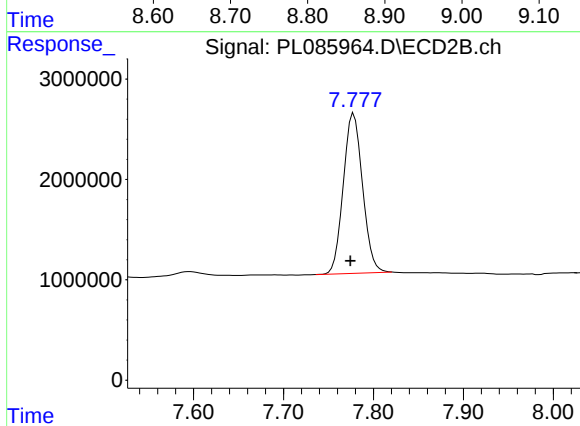
#27 Chlordane-5

R.T.: 5.559 min  
Delta R.T.: 0.008 min  
Response: 24422  
Conc: 0.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.870 min  
Delta R.T.: 0.011 min  
Response: 53320147  
Conc: 24.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.778 min  
Delta R.T.: 0.004 min  
Response: 23747131  
Conc: 25.73 ng/ml