

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041923\  
 Data File : PL082183.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Apr 2023 09:54  
 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: Apr 19 22:03:30 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 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... | 3.345  | 2.651  | 44819544 | 38523323 | 19.270  | 19.299  |
| 28)                         | SA Decachlor... | 8.765  | 7.764  | 34707165 | 34853155 | 19.393  | 17.574  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.794  | 3.149  | 31314775 | 24994029 | 9.134   | 8.574   |
| 3)                          | MA gamma-BHC... | 4.123  | 3.476  | 30105052 | 22448632 | 9.476   | 8.063   |
| 5)                          | MB Aldrin       | 0.000  | 4.104  | 0        | 255121   | N.D.    | 0.096 # |
| 6)                          | B beta-BHC      | 4.326  | 3.776  | 14585438 | 12177828 | 9.691   | 10.225  |
| 7)                          | B delta-BHC     | 0.000  | 4.000  | 0        | 253731   | N.D.    | 0.098 # |
| 8)                          | B Heptachlo...  | 5.463  | 4.589  | 2553996  | 464373   | 0.939   | 0.191 # |
| 9)                          | A Endosulfan I  | 5.821f | 4.993f | 515862   | 448609   | 0.209   | 0.203   |
| 10)                         | B gamma-Chl...  | 5.694f | 4.841  | 371787   | 516944   | 0.142   | 0.213 # |
| 11)                         | B alpha-Chl...  | 5.794  | 4.893f | 266879   | 203402   | 0.103   | 0.084   |
| 12)                         | B 4,4'-DDE      | 5.967  | 5.092  | 592651   | 266967   | 0.263   | 0.136 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.220  | 0        | 26452    | N.D.    | 0.012 # |
| 14)                         | MA Endrin       | 6.347  | 5.493  | 97071145 | 88954004 | 45.892  | 43.956  |
| 15)                         | B Endosulfa...  | 6.554  | 0.000  | 15573196 | 0        | 7.339   | N.D. #  |
| 16)                         | A 4,4'-DDD      | 6.493  | 5.645  | 200091   | 385872   | 0.111   | 0.254 # |
| 17)                         | MA 4,4'-DDT     | 6.802  | 5.893  | 198.7E6  | 183.1E6  | 97.890  | 106.253 |
| 18)                         | B Endrin al...  | 6.699  | 5.972  | 2249639  | 5018965  | 1.375   | 3.232 # |
| 20)                         | A Methoxychlor  | 7.283  | 6.472  | 257.7E6  | 214.4E6  | 239.339 | 215.278 |
| 21)                         | B Endrin ke...  | 7.412  | 6.697  | 3211282  | 3894890  | 1.533   | 1.823   |
| 23)                         | Chlordane-1     | 0.000  | 3.672f | 0        | 259613   | N.D.    | 3.371 # |
| 25)                         | Chlordane-3     | 5.694  | 4.841  | 371787   | 516944   | 0.939   | 2.052 # |
| 26)                         | Chlordane-4     | 5.794  | 4.893f | 266879   | 203402   | 0.558   | 0.777 # |
| -----                       |                 |        |        |          |          |         |         |

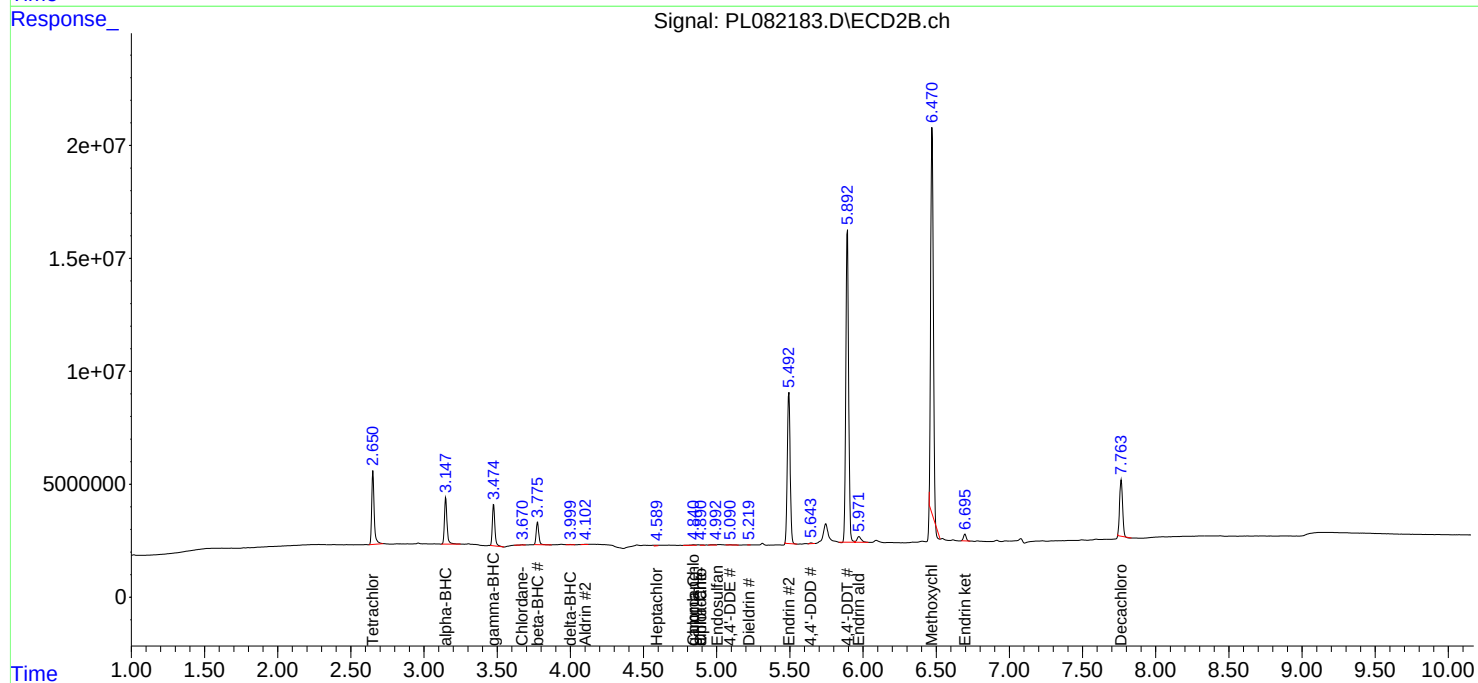
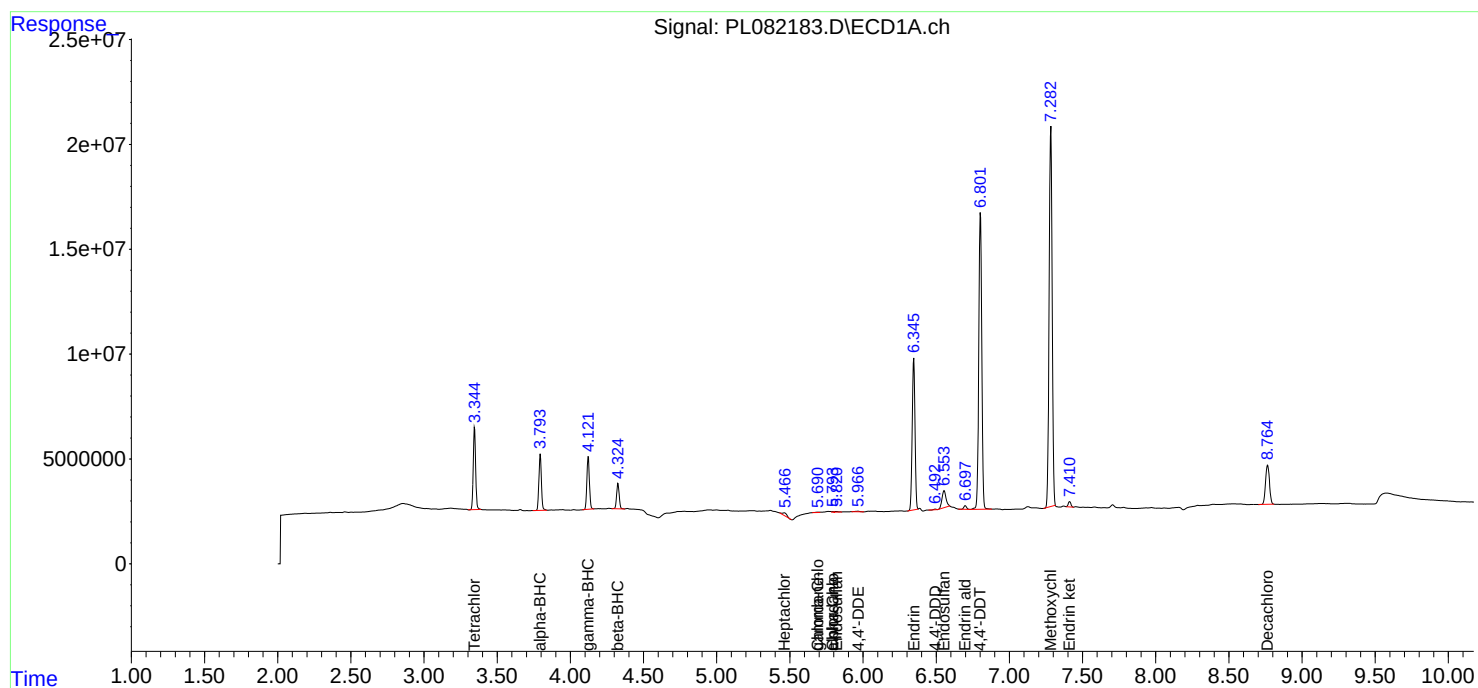
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

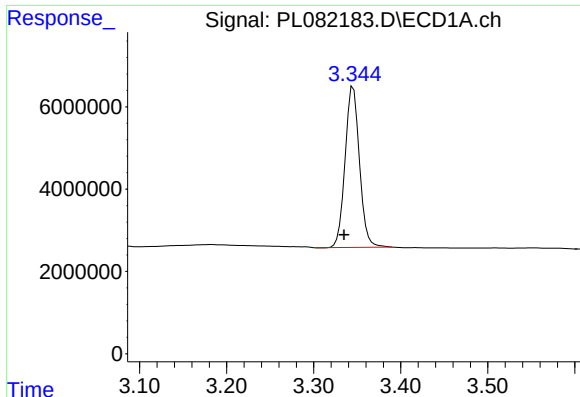
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041923\  
Data File : PL082183.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Apr 2023 09:54  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 19 22:03:30 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 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

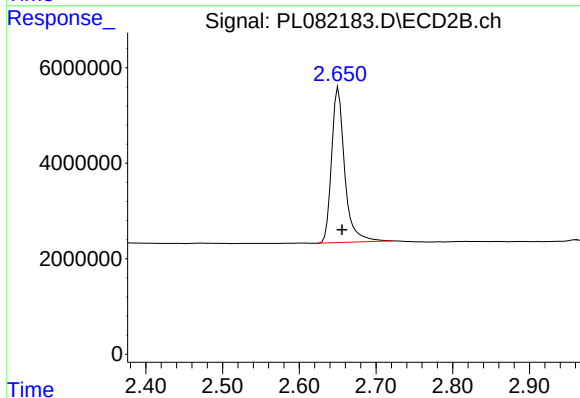




#1 Tetrachloro-m-xylene

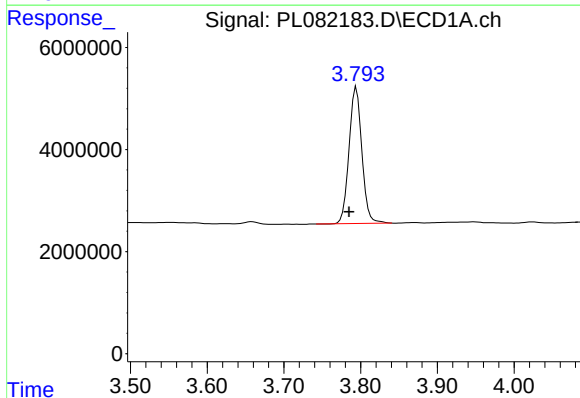
R.T.: 3.345 min  
Delta R.T.: 0.010 min  
Response: 44819544  
Conc: 19.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



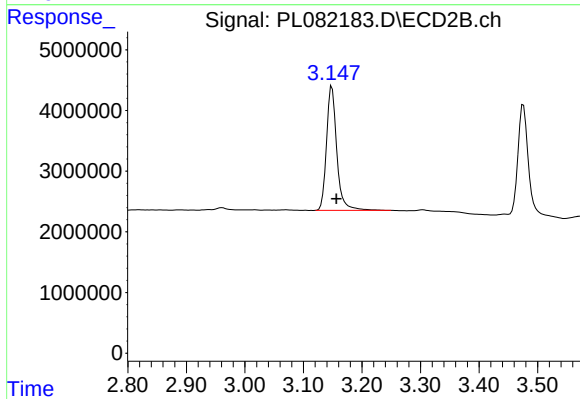
#1 Tetrachloro-m-xylene

R.T.: 2.651 min  
Delta R.T.: -0.005 min  
Response: 38523323  
Conc: 19.30 ng/ml



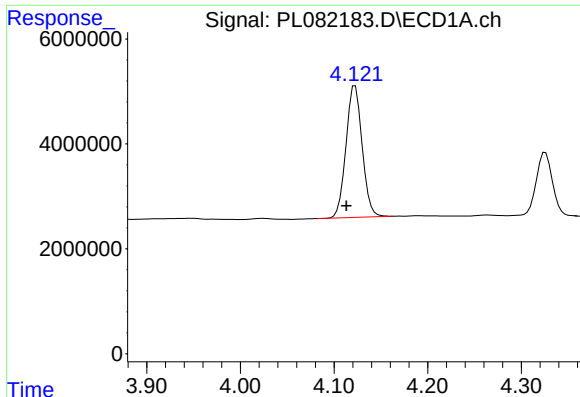
#2 alpha-BHC

R.T.: 3.794 min  
Delta R.T.: 0.010 min  
Response: 31314775  
Conc: 9.13 ng/ml



#2 alpha-BHC

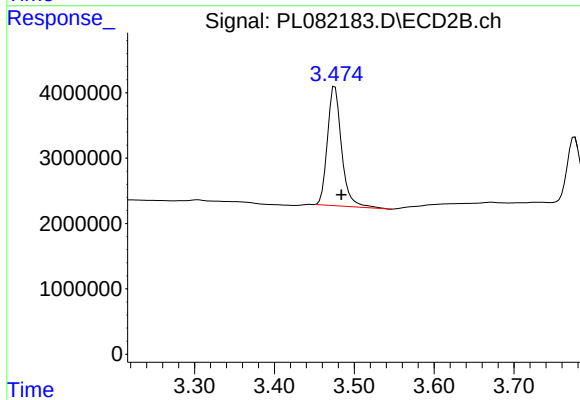
R.T.: 3.149 min  
Delta R.T.: -0.007 min  
Response: 24994029  
Conc: 8.57 ng/ml



#3 gamma-BHC (Lindane)

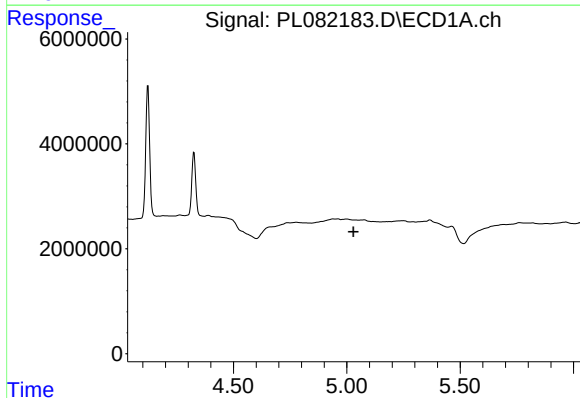
R.T.: 4.123 min  
Delta R.T.: 0.009 min  
Response: 30105052  
Conc: 9.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



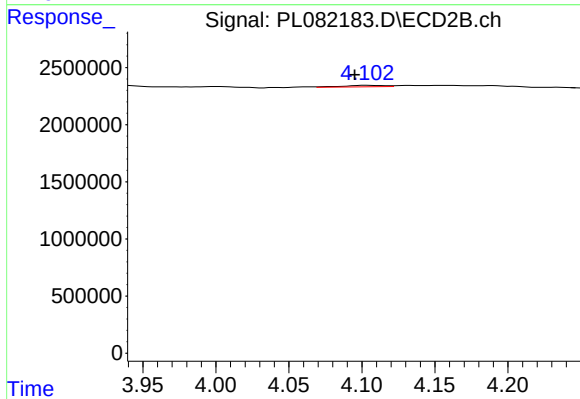
#3 gamma-BHC (Lindane)

R.T.: 3.476 min  
Delta R.T.: -0.008 min  
Response: 22448632  
Conc: 8.06 ng/ml



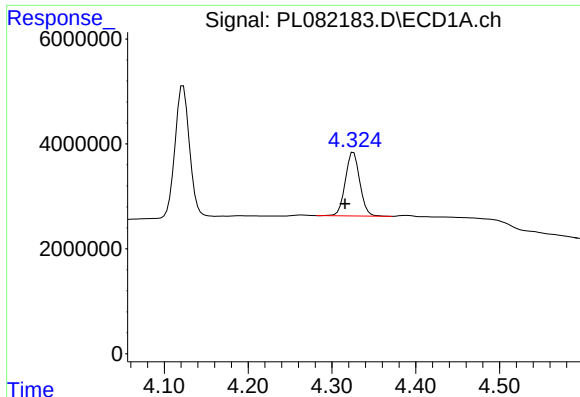
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.030 min  
Response: 0  
Conc: N.D.



#5 Aldrin

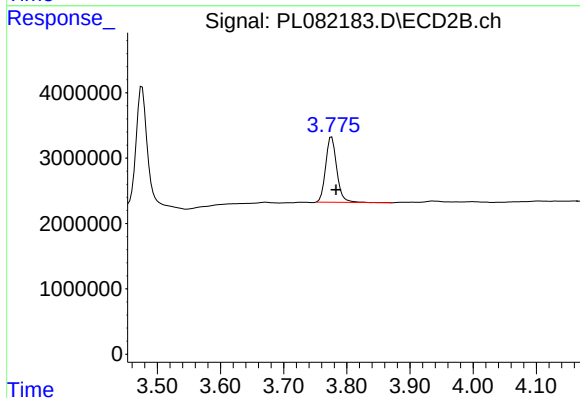
R.T.: 4.104 min  
Delta R.T.: 0.009 min  
Response: 255121  
Conc: 0.10 ng/ml



#6 beta-BHC

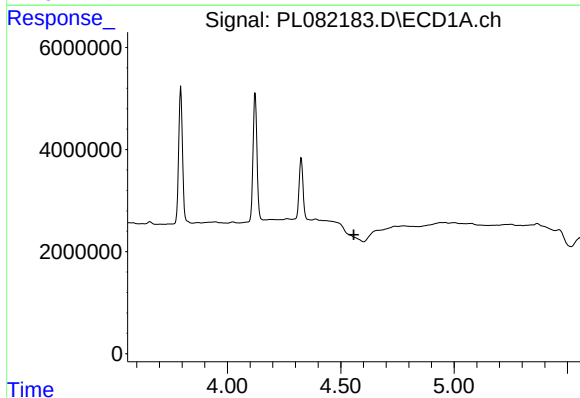
R.T.: 4.326 min  
Delta R.T.: 0.010 min  
Response: 14585438  
Conc: 9.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



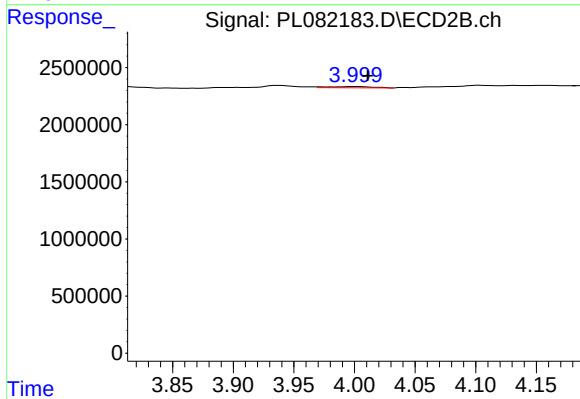
#6 beta-BHC

R.T.: 3.776 min  
Delta R.T.: -0.007 min  
Response: 12177828  
Conc: 10.23 ng/ml



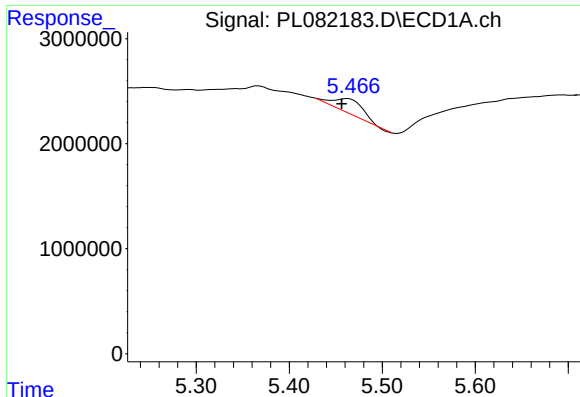
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.558 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

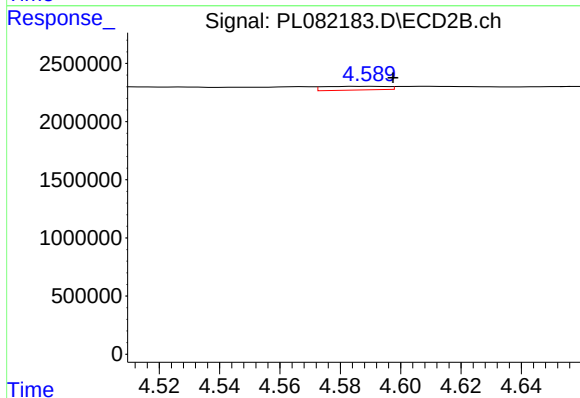
R.T.: 4.000 min  
Delta R.T.: -0.011 min  
Response: 253731  
Conc: 0.10 ng/ml



#8 Heptachlor epoxide

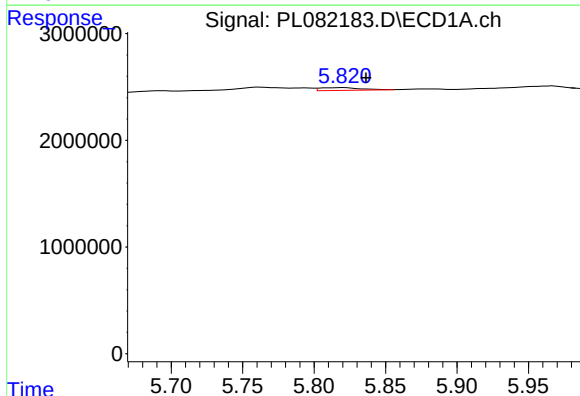
R.T.: 5.463 min  
Delta R.T.: 0.007 min  
Response: 2553996  
Conc: 0.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



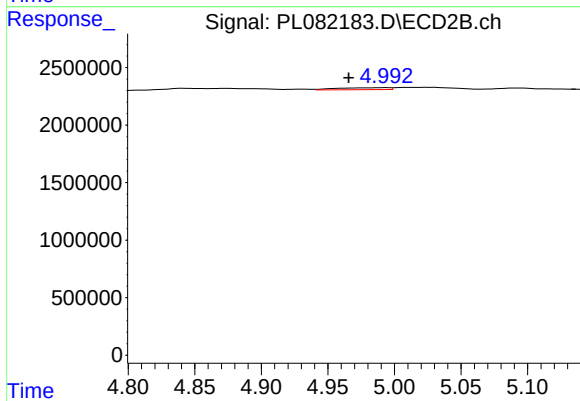
#8 Heptachlor epoxide

R.T.: 4.589 min  
Delta R.T.: -0.008 min  
Response: 464373  
Conc: 0.19 ng/ml



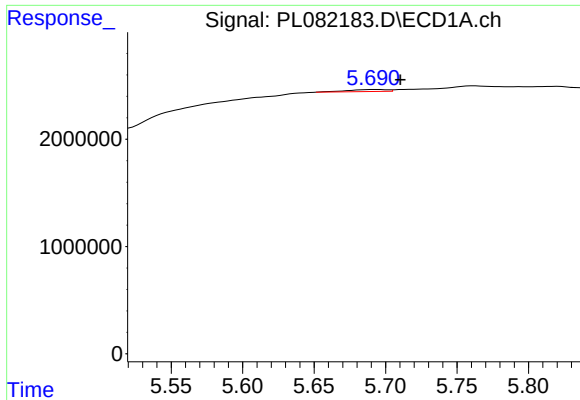
#9 Endosulfan I

R.T.: 5.821 min  
Delta R.T.: -0.016 min  
Response: 515862  
Conc: 0.21 ng/ml



#9 Endosulfan I

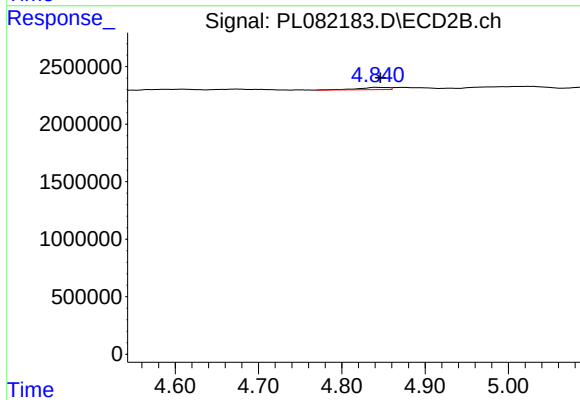
R.T.: 4.993 min  
Delta R.T.: 0.027 min  
Response: 448609  
Conc: 0.20 ng/ml



#10 gamma-Chlordane

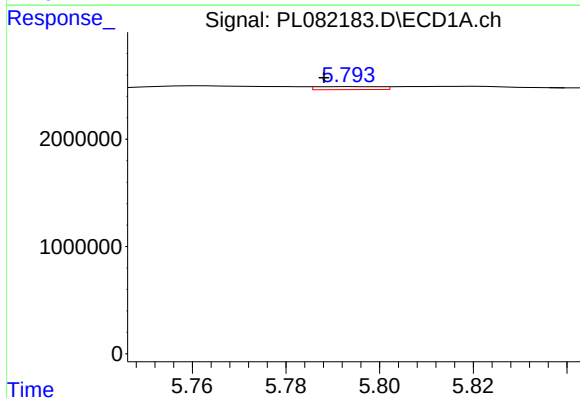
R.T.: 5.694 min  
Delta R.T.: -0.017 min  
Response: 371787  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



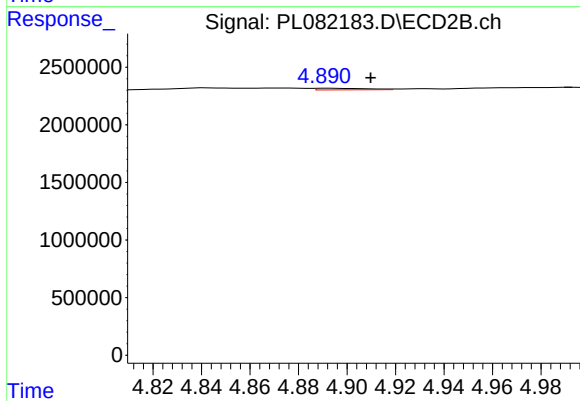
#10 gamma-Chlordane

R.T.: 4.841 min  
Delta R.T.: -0.005 min  
Response: 516944  
Conc: 0.21 ng/ml



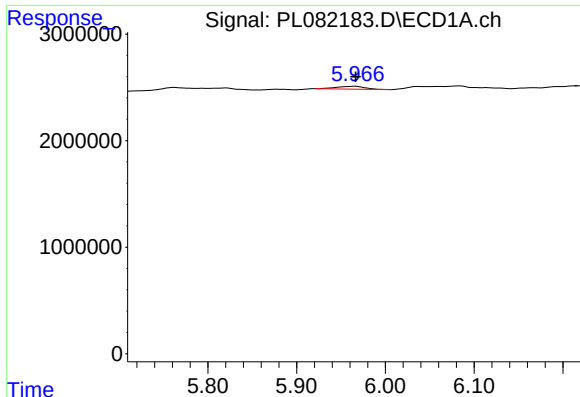
#11 alpha-Chlordane

R.T.: 5.794 min  
Delta R.T.: 0.006 min  
Response: 266879  
Conc: 0.10 ng/ml



#11 alpha-Chlordane

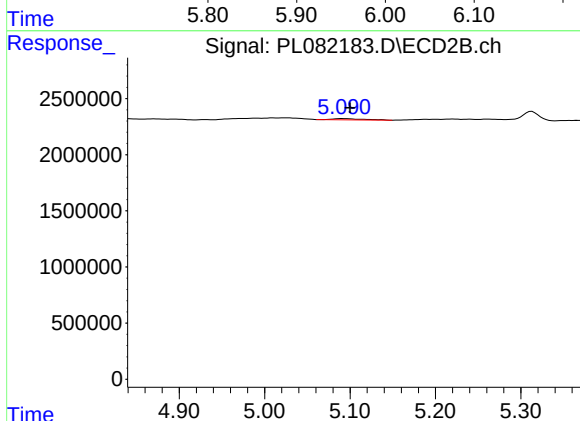
R.T.: 4.893 min  
Delta R.T.: -0.017 min  
Response: 203402  
Conc: 0.08 ng/ml



#12 4,4'-DDE

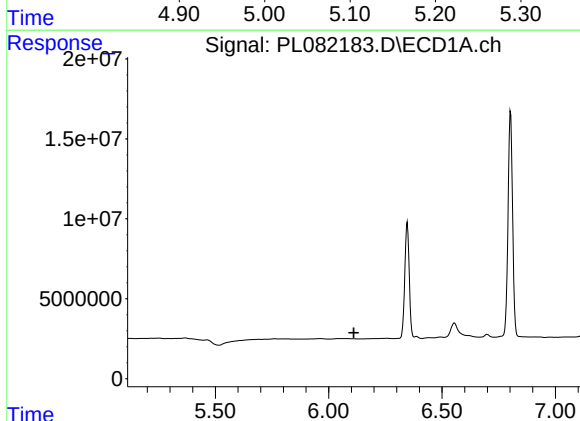
R.T.: 5.967 min  
Delta R.T.: 0.000 min  
Response: 592651  
Conc: 0.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



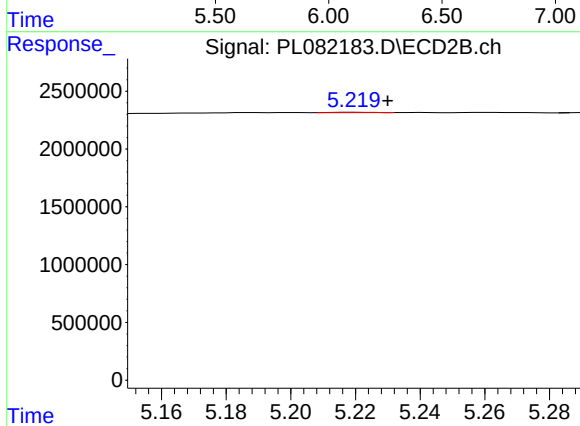
#12 4,4'-DDE

R.T.: 5.092 min  
Delta R.T.: -0.008 min  
Response: 266967  
Conc: 0.14 ng/ml



#13 Dieldrin

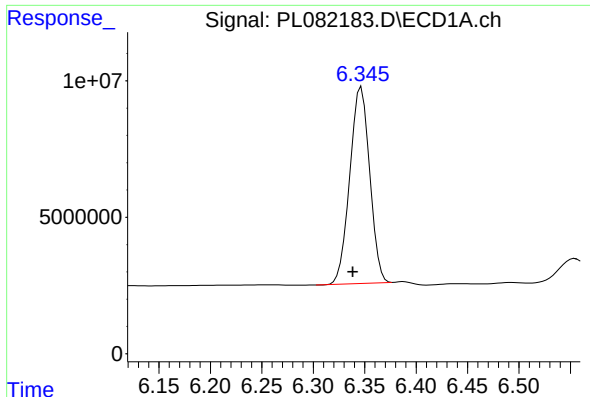
R.T.: 0.000 min  
Exp R.T. : 6.111 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

R.T.: 5.220 min  
Delta R.T.: -0.010 min  
Response: 26452  
Conc: 0.01 ng/ml

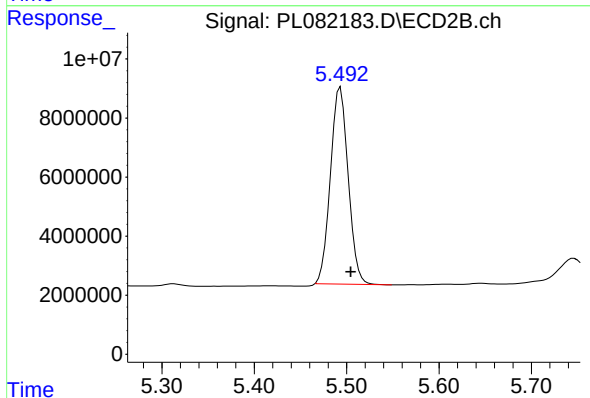




#14 Endrin

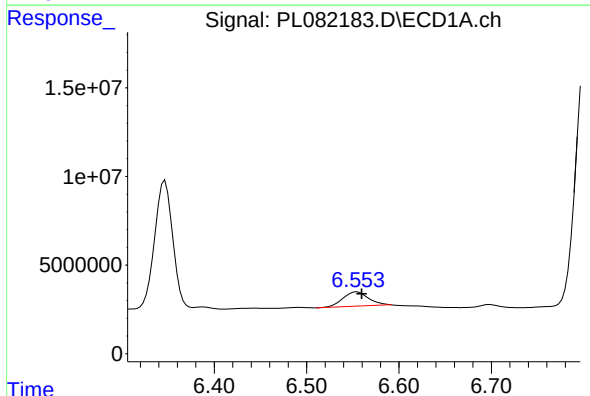
R.T.: 6.347 min  
Delta R.T.: 0.008 min  
Response: 97071145  
Conc: 45.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



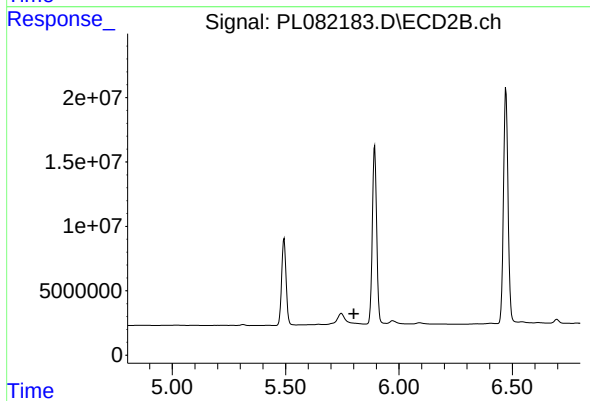
#14 Endrin

R.T.: 5.493 min  
Delta R.T.: -0.011 min  
Response: 88954004  
Conc: 43.96 ng/ml



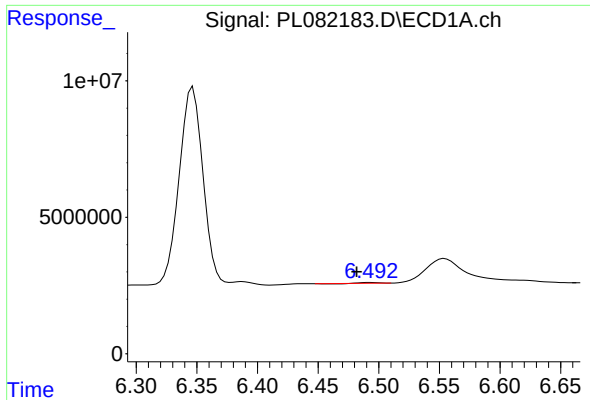
#15 Endosulfan II

R.T.: 6.554 min  
Delta R.T.: -0.005 min  
Response: 15573196  
Conc: 7.34 ng/ml



#15 Endosulfan II

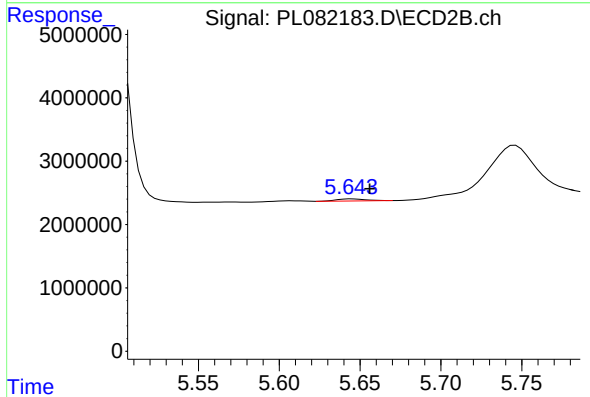
R.T.: 0.000 min  
Exp R.T. : 5.801 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

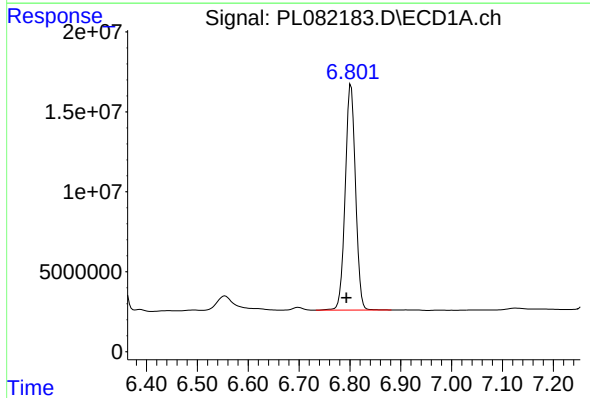
R.T.: 6.493 min  
Delta R.T.: 0.011 min  
Response: 200091  
Conc: 0.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



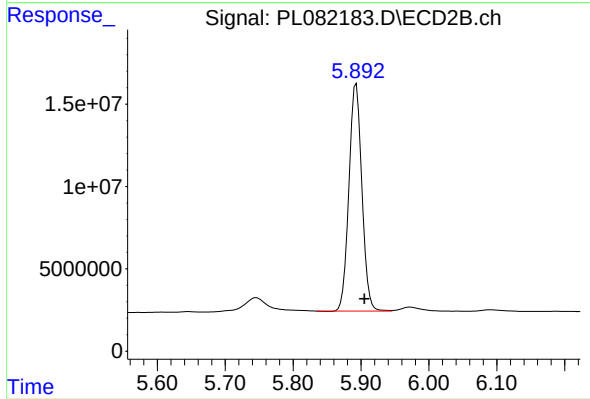
#16 4,4'-DDD

R.T.: 5.645 min  
Delta R.T.: -0.011 min  
Response: 385872  
Conc: 0.25 ng/ml



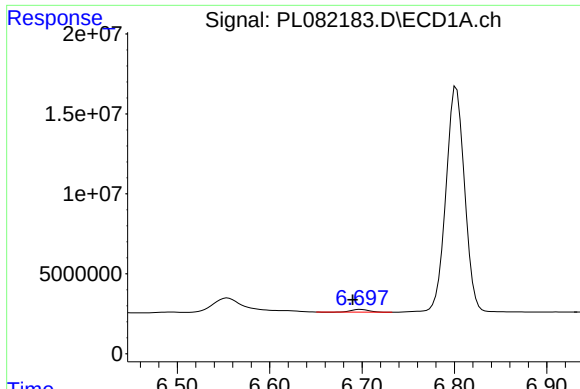
#17 4,4'-DDT

R.T.: 6.802 min  
Delta R.T.: 0.009 min  
Response: 198680409  
Conc: 97.89 ng/ml



#17 4,4'-DDT

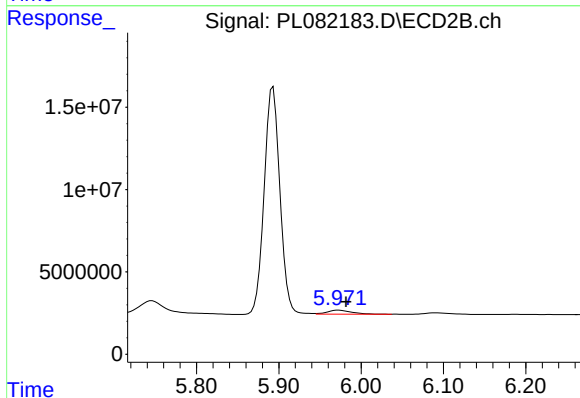
R.T.: 5.893 min  
Delta R.T.: -0.012 min  
Response: 183103314  
Conc: 106.25 ng/ml



#18 Endrin aldehyde

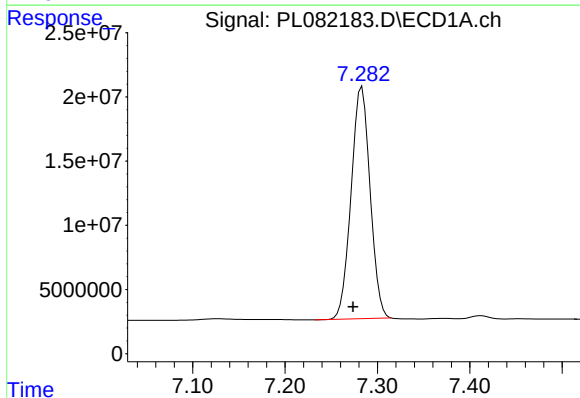
R.T.: 6.699 min  
Delta R.T.: 0.009 min  
Response: 2249639  
Conc: 1.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



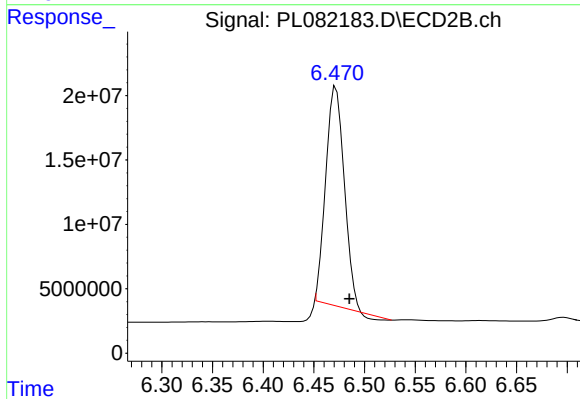
#18 Endrin aldehyde

R.T.: 5.972 min  
Delta R.T.: -0.009 min  
Response: 5018965  
Conc: 3.23 ng/ml



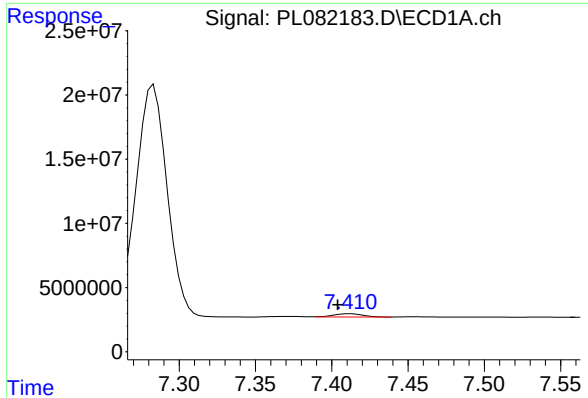
#20 Methoxychlor

R.T.: 7.283 min  
Delta R.T.: 0.010 min  
Response: 257742698  
Conc: 239.34 ng/ml



#20 Methoxychlor

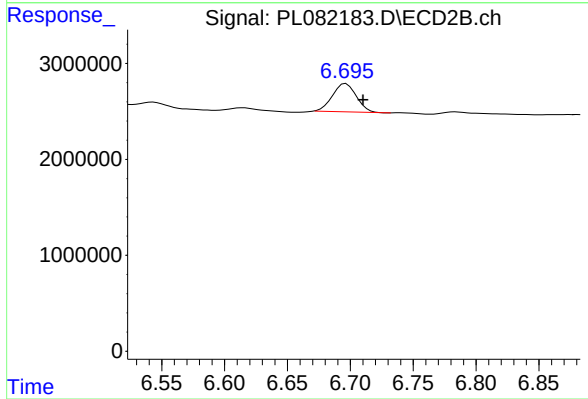
R.T.: 6.472 min  
Delta R.T.: -0.013 min  
Response: 214425149  
Conc: 215.28 ng/ml



#21 Endrin ketone

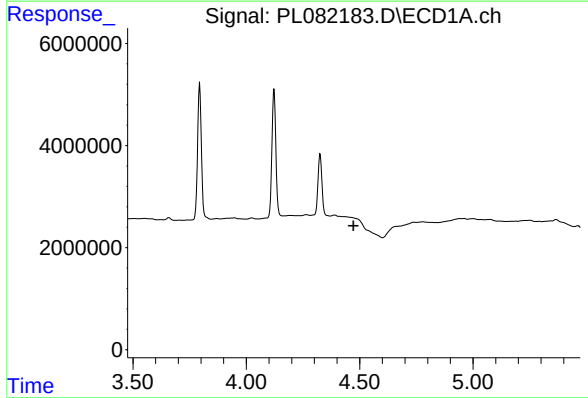
R.T.: 7.412 min  
Delta R.T.: 0.008 min  
Response: 3211282  
Conc: 1.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



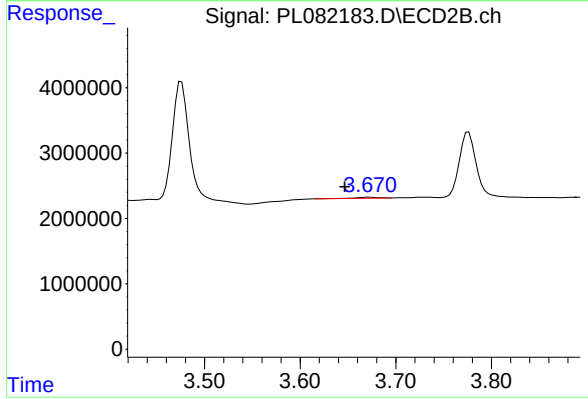
#21 Endrin ketone

R.T.: 6.697 min  
Delta R.T.: -0.014 min  
Response: 3894890  
Conc: 1.82 ng/ml



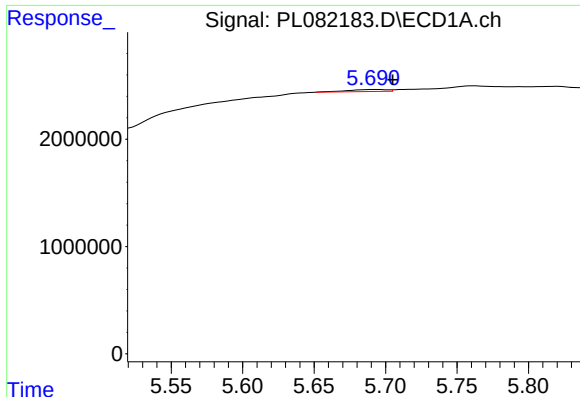
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.473 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

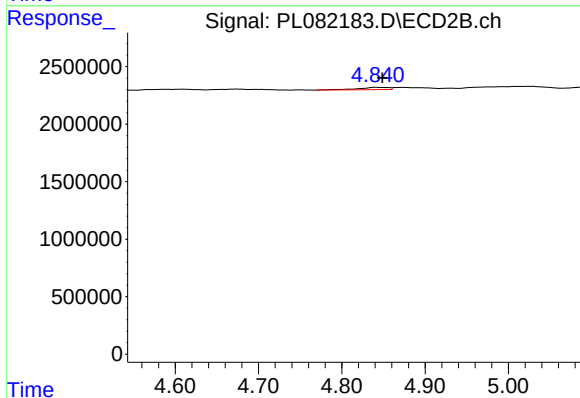
R.T.: 3.672 min  
Delta R.T.: 0.026 min  
Response: 259613  
Conc: 3.37 ng/ml



#25 Chlordane-3

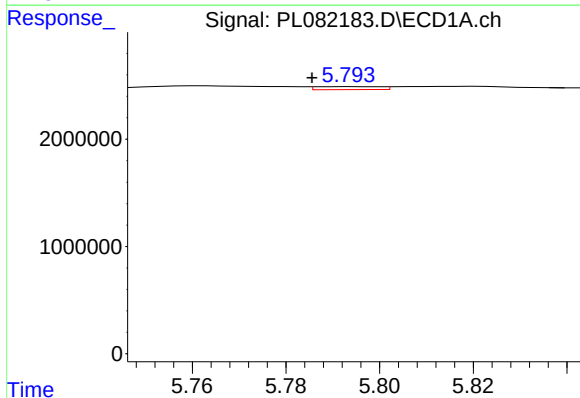
R.T.: 5.694 min  
Delta R.T.: -0.012 min  
Response: 371787  
Conc: 0.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



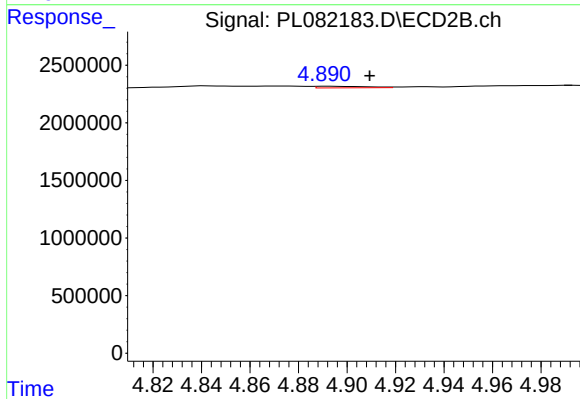
#25 Chlordane-3

R.T.: 4.841 min  
Delta R.T.: -0.007 min  
Response: 516944  
Conc: 2.05 ng/ml



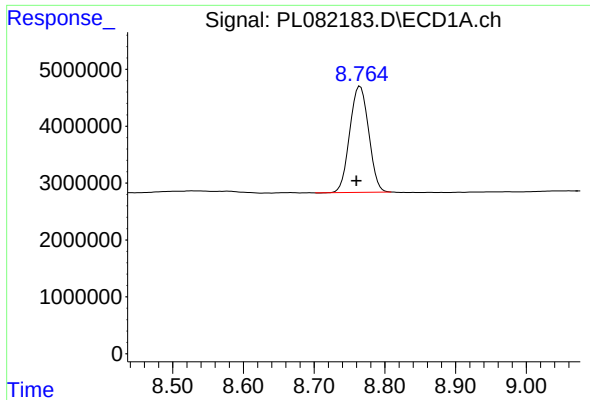
#26 Chlordane-4

R.T.: 5.794 min  
Delta R.T.: 0.008 min  
Response: 266879  
Conc: 0.56 ng/ml



#26 Chlordane-4

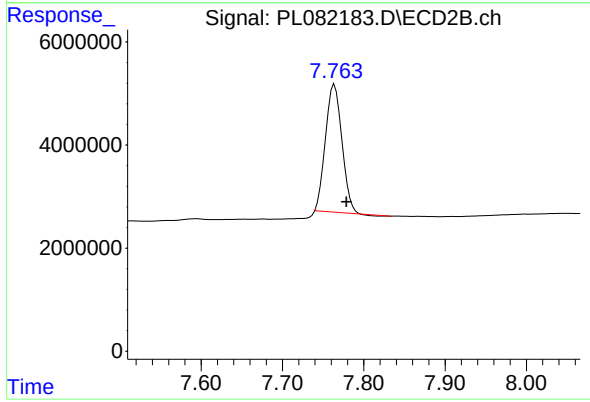
R.T.: 4.893 min  
Delta R.T.: -0.017 min  
Response: 203402  
Conc: 0.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.765 min  
Delta R.T.: 0.005 min  
Response: 34707165  
Conc: 19.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.764 min  
Delta R.T.: -0.015 min  
Response: 34853155  
Conc: 17.57 ng/ml