

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081623\  
 Data File : PL084782.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2023 19:24  
 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: Aug 16 00:21:15 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  | 2.686  | 48609194 | 23916082 | 20.921  | 21.994   |
| 28)                         | SA Decachlor... | 9.028  | 7.866  | 34796334 | 25978204 | 21.386  | 20.836   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.935  | 3.190  | 33452612 | 16370949 | 10.133  | 10.602   |
| 3)                          | MA gamma-BHC... | 4.269  | 3.520  | 32331927 | 15429798 | 10.135  | 10.154   |
| 4)                          | MA Heptachlor   | 4.845  | 0.000  | 410706   | 0        | 0.122   | N.D. #   |
| 5)                          | MB Aldrin       | 0.000  | 4.132  | 0        | 7241     | N.D.    | 0.005 #  |
| 6)                          | B beta-BHC      | 4.468  | 3.823  | 16605164 | 8053016  | 11.887  | 12.019   |
| 8)                          | B Heptachlo...  | 5.632  | 0.000  | 1885341  | 0        | 0.626   | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.038f | 0        | 629122   | N.D.    | 0.508 #  |
| 10)                         | B gamma-Chl...  | 0.000  | 4.904  | 0        | 3619651  | N.D.    | 2.669 #  |
| 12)                         | B 4,4'-DDE      | 6.149  | 5.179  | 452362   | 698536   | 0.197   | 0.567 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.292  | 0        | 333044   | N.D.    | 0.245 #  |
| 14)                         | MA Endrin       | 6.527  | 5.561  | 96661139 | 62092254 | 44.320  | 50.762   |
| 15)                         | B Endosulfa...  | 0.000  | 5.837f | 0        | 30380    | N.D.    | 0.025 #  |
| 16)                         | A 4,4'-DDD      | 6.669  | 5.721  | 4518547  | 2548707  | 2.695   | 2.467    |
| 17)                         | MA 4,4'-DDT     | 6.985  | 5.974  | 179.7E6  | 129.0E6  | 95.924  | 111.112  |
| 18)                         | B Endrin al...  | 6.878  | 6.040  | 3496011  | 2361042  | 2.072   | 2.381    |
| 19)                         | B Endosulfa...  | 7.088f | 6.265  | 257434   | 113649   | 0.129   | 0.096 #  |
| 20)                         | A Methoxychlor  | 7.467  | 6.558  | 217.2E6  | 168.1E6  | 226.274 | 244.941  |
| 21)                         | B Endrin ke...  | 7.599  | 6.769  | 5704460  | 4976633  | 2.852   | 3.449    |
| 22)                         | Mirex           | 0.000  | 6.941  | 0        | 40521    | N.D.    | 0.035 #  |
| 25)                         | Chlordane-3     | 0.000  | 4.904  | 0        | 3619651  | N.D.    | 26.129 # |
| 27)                         | Chlordane-5     | 0.000  | 5.888f | 0        | 533148   | N.D.    | 10.468 # |
| -----                       |                 |        |        |          |          |         |          |

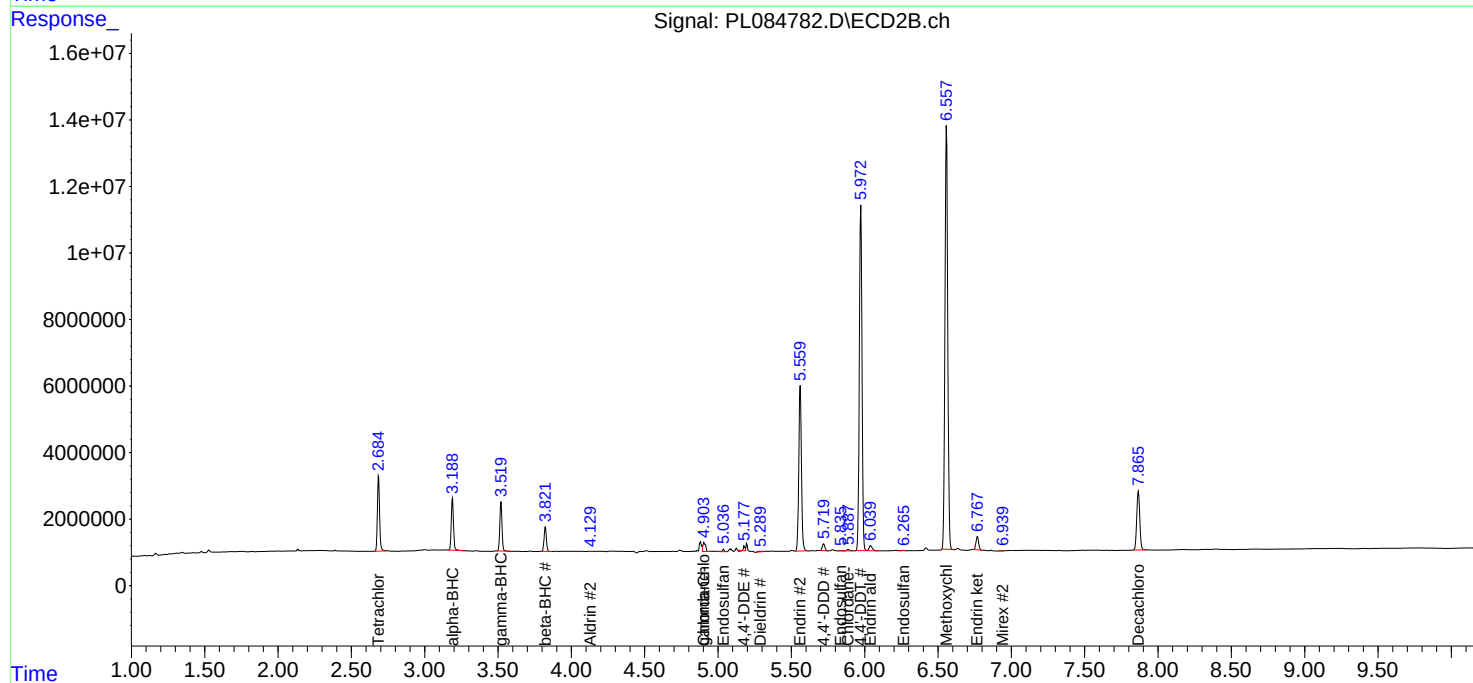
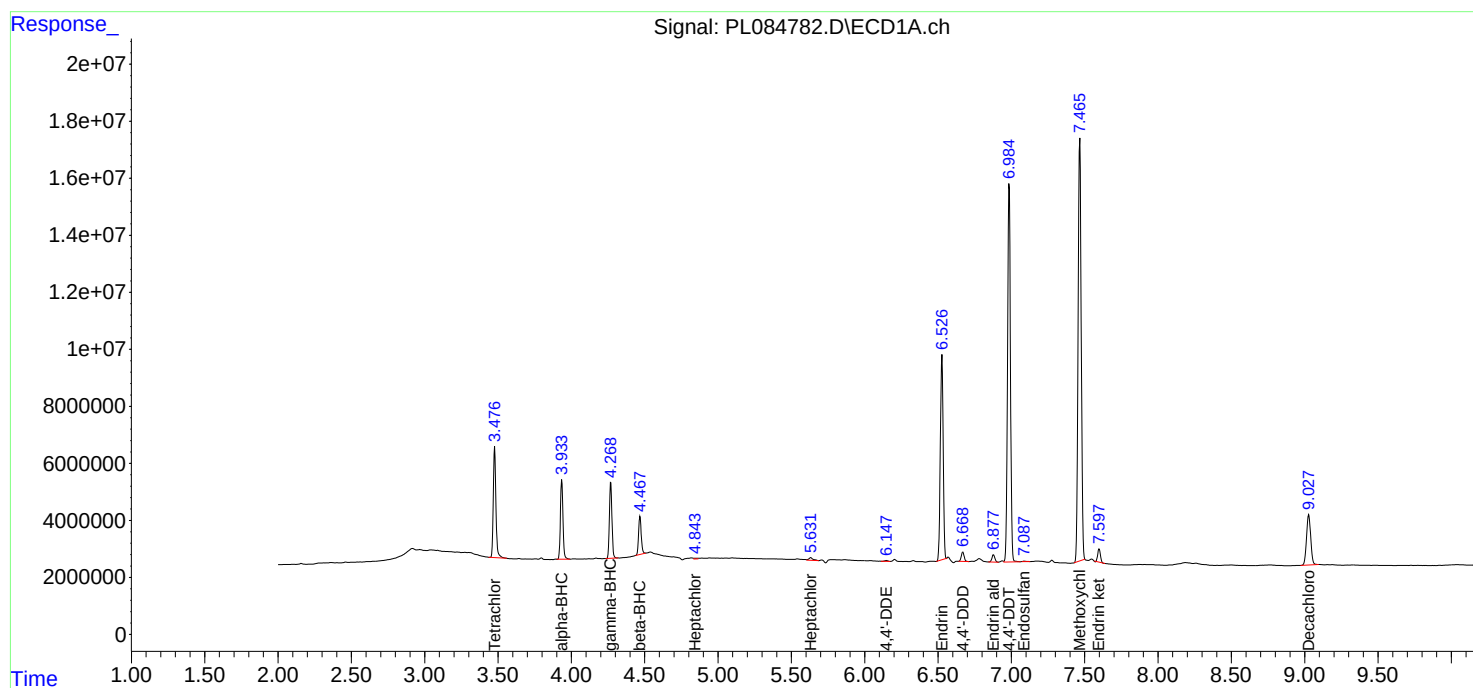
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

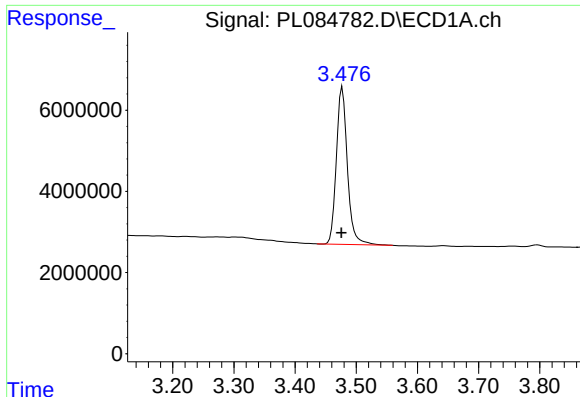
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081623\  
Data File : PL084782.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2023 19:24  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 00:21:15 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

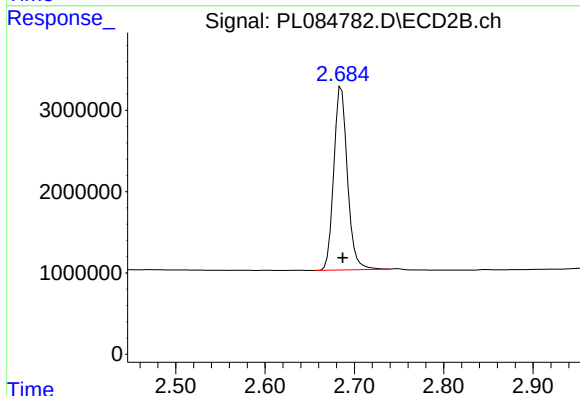




#1 Tetrachloro-m-xylene

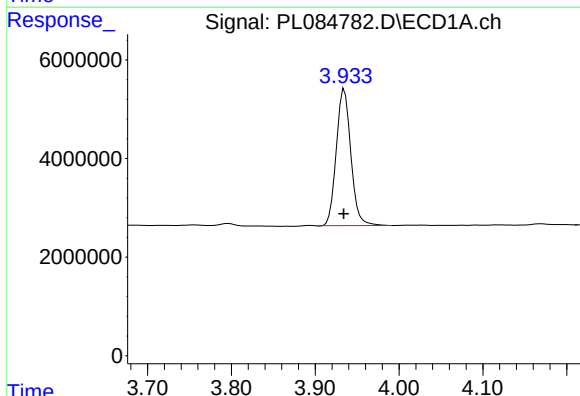
R.T.: 3.477 min  
Delta R.T.: 0.001 min  
Response: 48609194  
Conc: 20.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



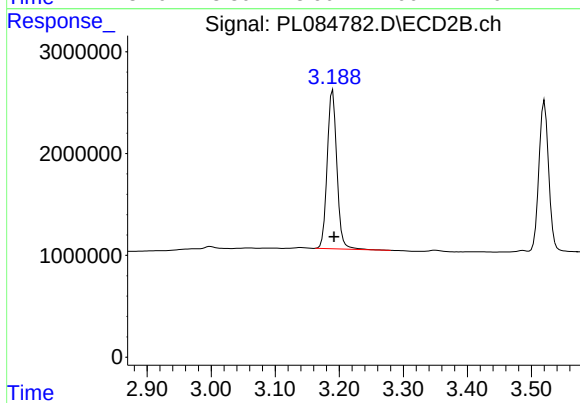
#1 Tetrachloro-m-xylene

R.T.: 2.686 min  
Delta R.T.: -0.001 min  
Response: 23916082  
Conc: 21.99 ng/ml



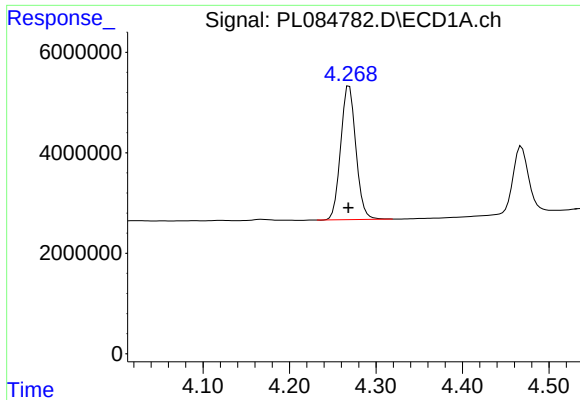
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 33452612  
Conc: 10.13 ng/ml



#2 alpha-BHC

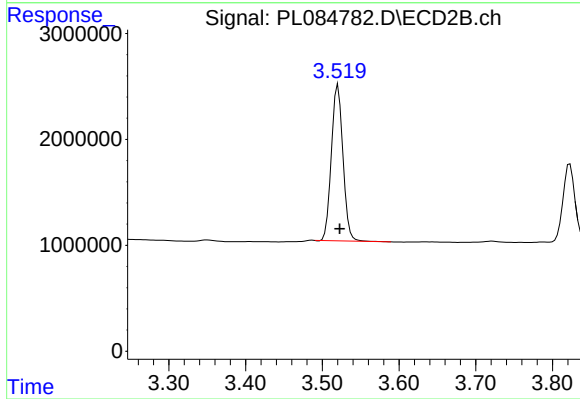
R.T.: 3.190 min  
Delta R.T.: -0.002 min  
Response: 16370949  
Conc: 10.60 ng/ml



#3 gamma-BHC (Lindane)

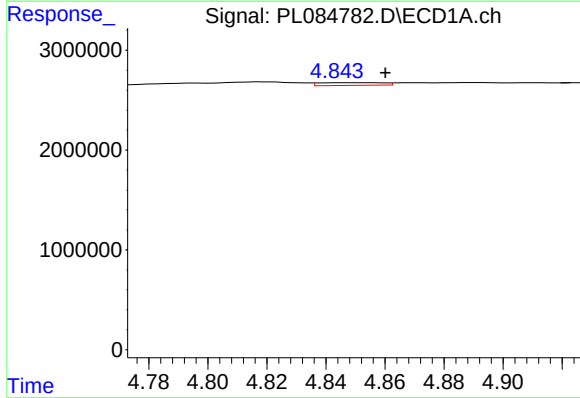
R.T.: 4.269 min  
Delta R.T.: 0.000 min  
Response: 32331927  
Conc: 10.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



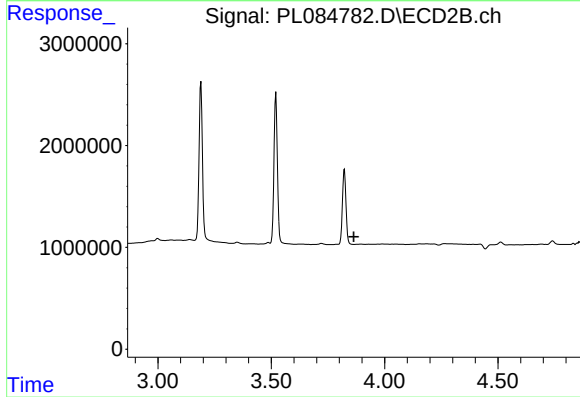
#3 gamma-BHC (Lindane)

R.T.: 3.520 min  
Delta R.T.: -0.002 min  
Response: 15429798  
Conc: 10.15 ng/ml



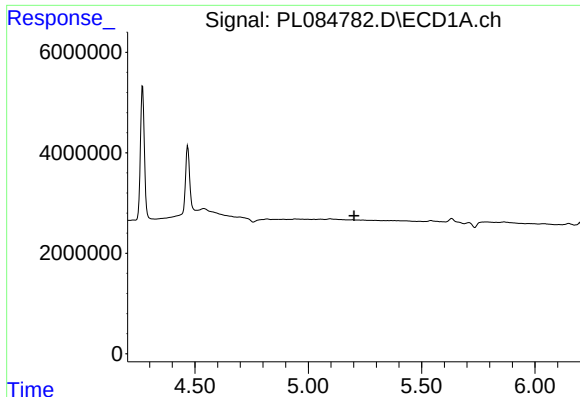
#4 Heptachlor

R.T.: 4.845 min  
Delta R.T.: -0.015 min  
Response: 410706  
Conc: 0.12 ng/ml



#4 Heptachlor

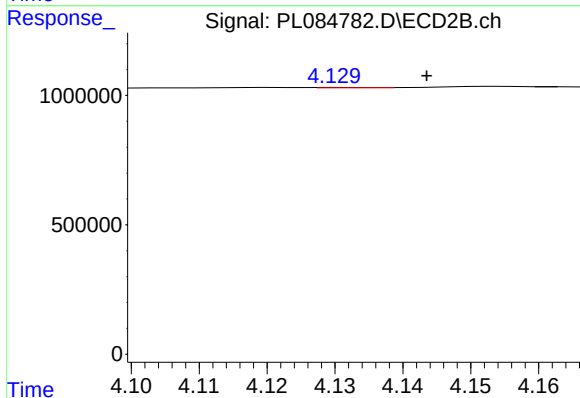
R.T.: 0.000 min  
Exp R.T. : 3.863 min  
Response: 0  
Conc: N.D.



#5 Aldrin

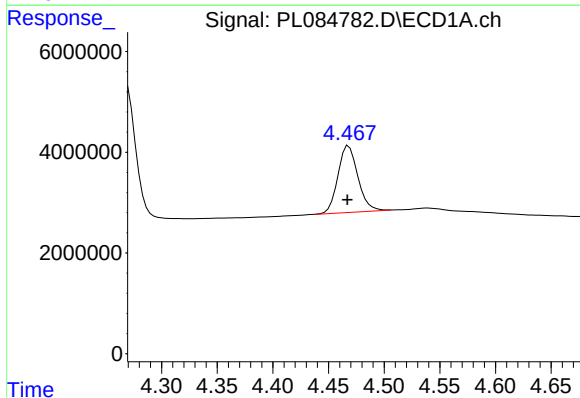
R.T.: 0.000 min  
Exp R.T.: 5.203 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



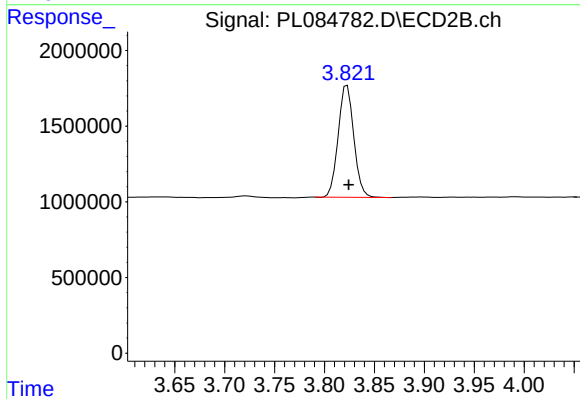
#5 Aldrin

R.T.: 4.132 min  
Delta R.T.: -0.011 min  
Response: 7241  
Conc: 0.00 ng/ml



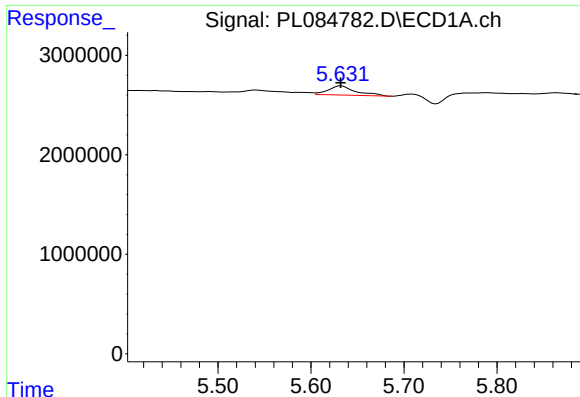
#6 beta-BHC

R.T.: 4.468 min  
Delta R.T.: 0.001 min  
Response: 16605164  
Conc: 11.89 ng/ml



#6 beta-BHC

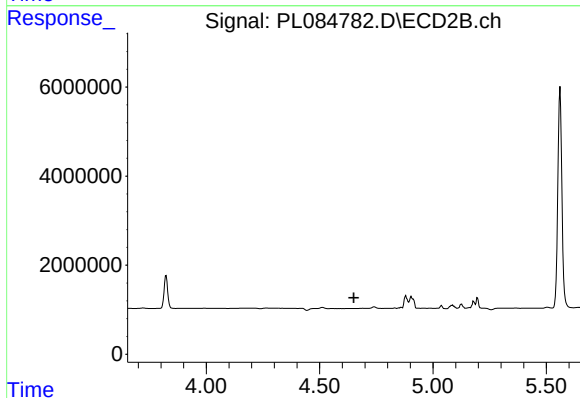
R.T.: 3.823 min  
Delta R.T.: -0.002 min  
Response: 8053016  
Conc: 12.02 ng/ml



#8 Heptachlor epoxide

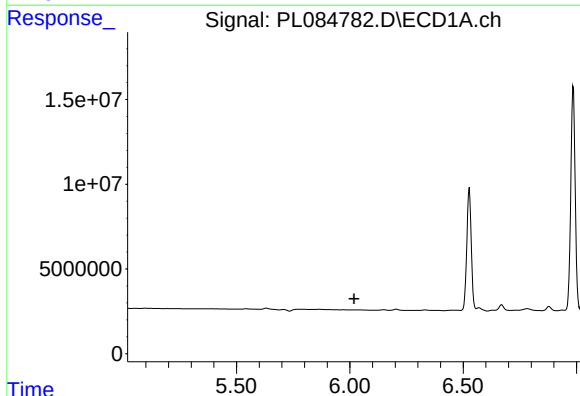
R.T.: 5.632 min  
Delta R.T.: 0.000 min  
Response: 1885341  
Conc: 0.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



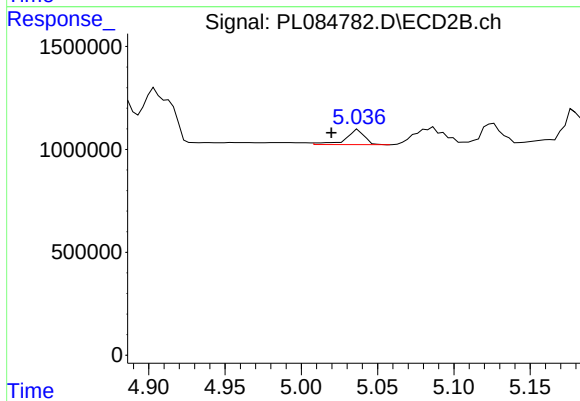
#8 Heptachlor epoxide

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



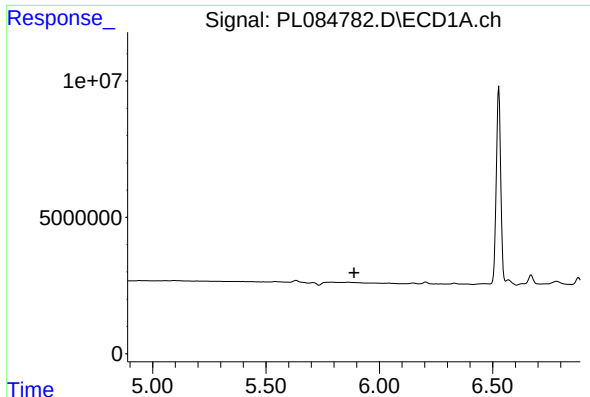
#9 Endosulfan I

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



#9 Endosulfan I

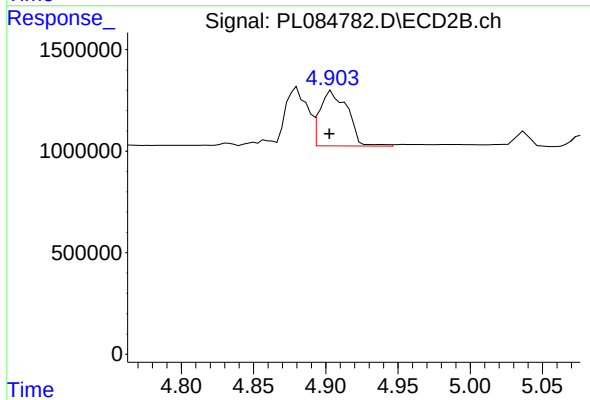
R.T.: 5.038 min  
Delta R.T.: 0.018 min  
Response: 629122  
Conc: 0.51 ng/ml



#10 gamma-Chlordane

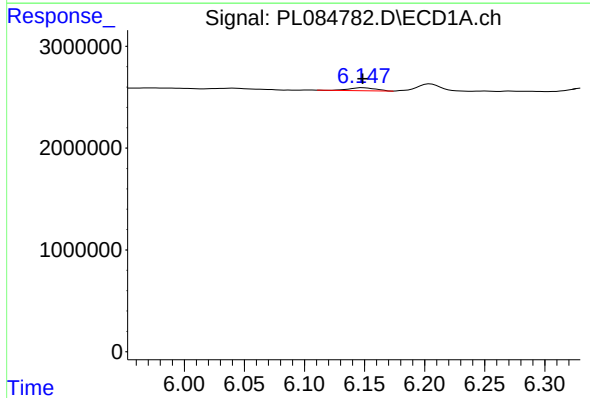
R.T.: 0.000 min  
Exp R.T.: 5.889 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



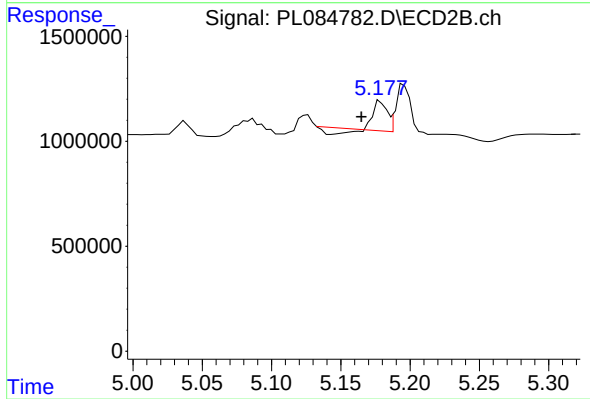
#10 gamma-Chlordane

R.T.: 4.904 min  
Delta R.T.: 0.002 min  
Response: 3619651  
Conc: 2.67 ng/ml



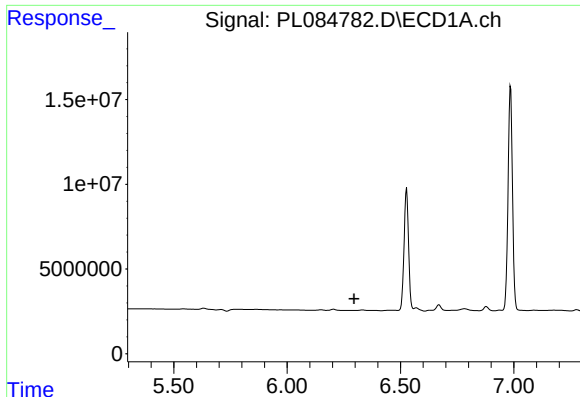
#12 4,4'-DDE

R.T.: 6.149 min  
Delta R.T.: 0.000 min  
Response: 452362  
Conc: 0.20 ng/ml



#12 4,4'-DDE

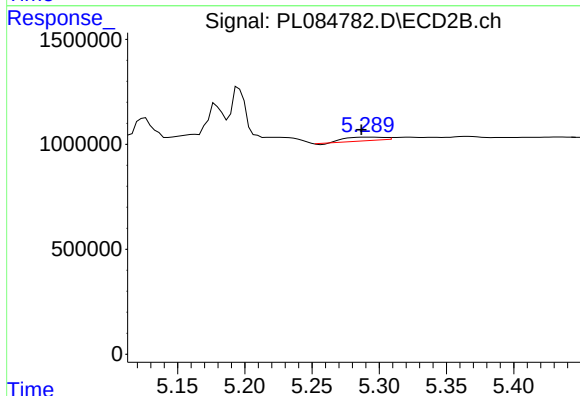
R.T.: 5.179 min  
Delta R.T.: 0.014 min  
Response: 698536  
Conc: 0.57 ng/ml



#13 Dieldrin

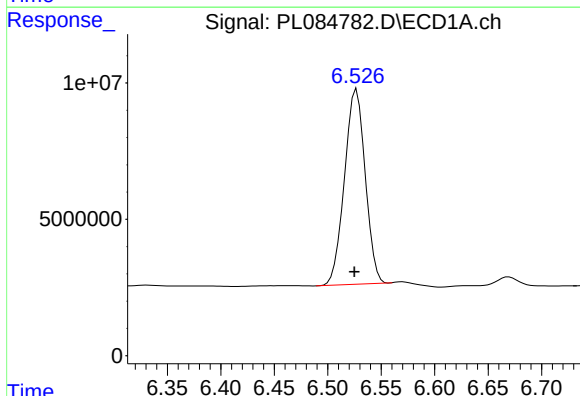
R.T.: 0.000 min  
Exp R.T.: 6.295 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



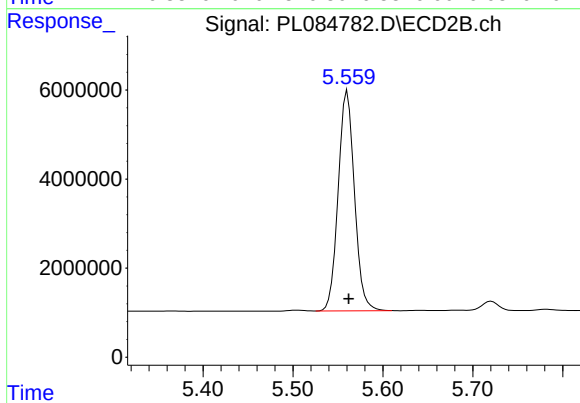
#13 Dieldrin

R.T.: 5.292 min  
Delta R.T.: 0.005 min  
Response: 333044  
Conc: 0.25 ng/ml



#14 Endrin

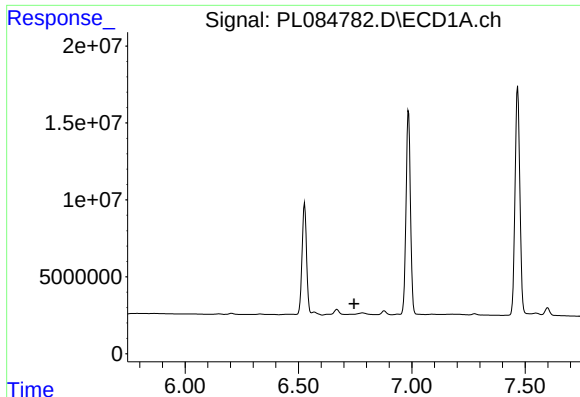
R.T.: 6.527 min  
Delta R.T.: 0.002 min  
Response: 96661139  
Conc: 44.32 ng/ml



#14 Endrin

R.T.: 5.561 min  
Delta R.T.: -0.001 min  
Response: 62092254  
Conc: 50.76 ng/ml

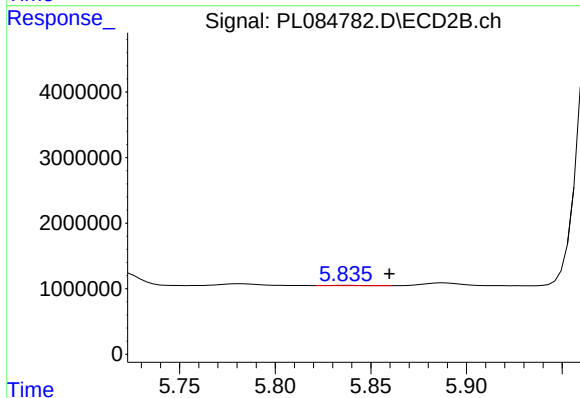




#15 Endosulfan II

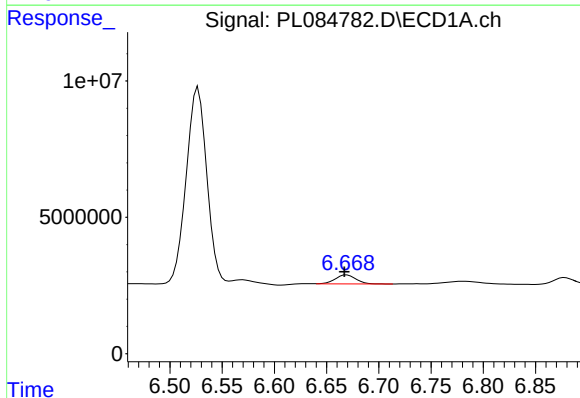
R.T.: 0.000 min  
Exp R.T.: 6.745 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



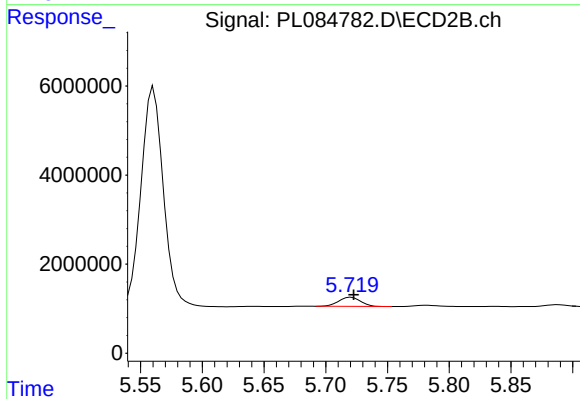
#15 Endosulfan II

R.T.: 5.837 min  
Delta R.T.: -0.023 min  
Response: 30380  
Conc: 0.03 ng/ml



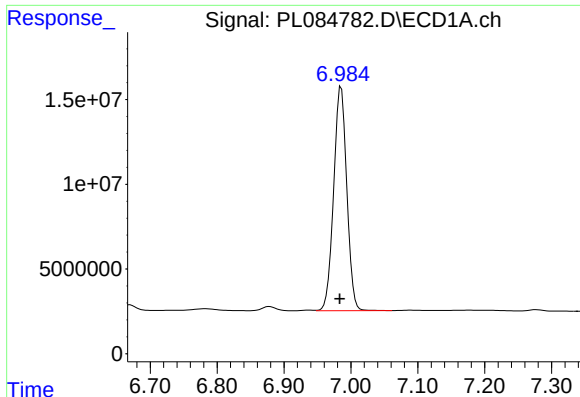
#16 4,4'-DDD

R.T.: 6.669 min  
Delta R.T.: 0.002 min  
Response: 4518547  
Conc: 2.70 ng/ml



#16 4,4'-DDD

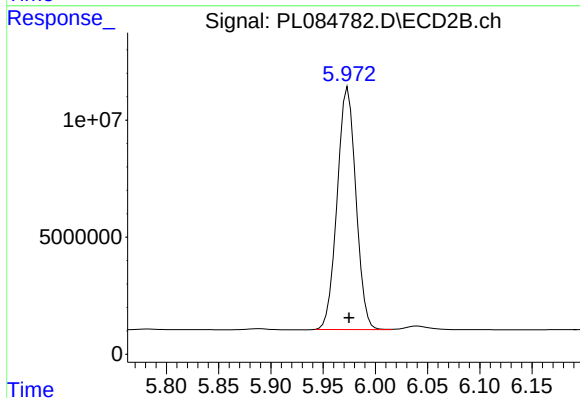
R.T.: 5.721 min  
Delta R.T.: -0.002 min  
Response: 2548707  
Conc: 2.47 ng/ml



#17 4,4'-DDT

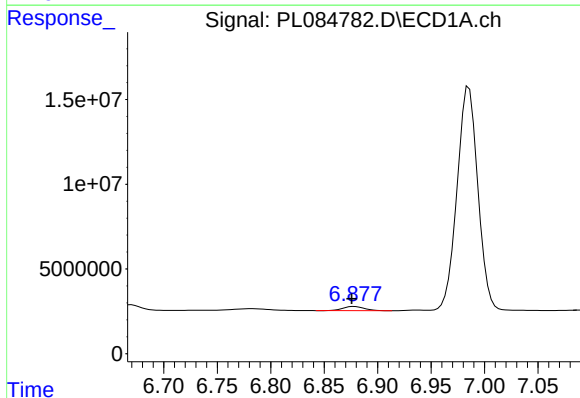
R.T.: 6.985 min  
Delta R.T.: 0.002 min  
Response: 179733623  
Conc: 95.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



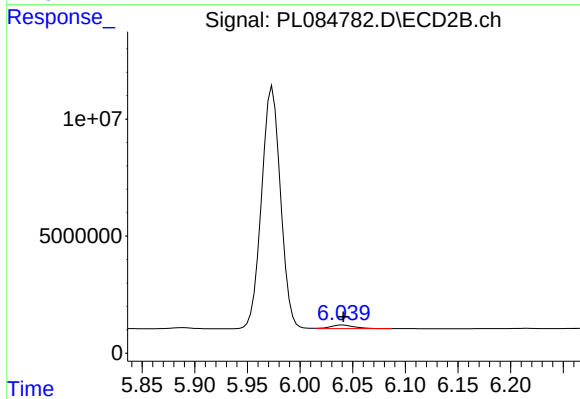
#17 4,4'-DDT

R.T.: 5.974 min  
Delta R.T.: -0.001 min  
Response: 128952159  
Conc: 111.11 ng/ml



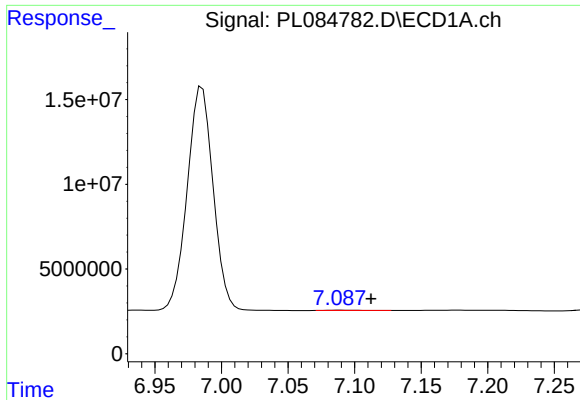
#18 Endrin aldehyde

R.T.: 6.878 min  
Delta R.T.: 0.002 min  
Response: 3496011  
Conc: 2.07 ng/ml



#18 Endrin aldehyde

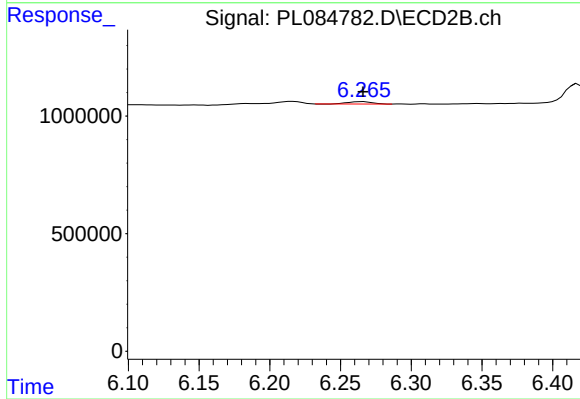
R.T.: 6.040 min  
Delta R.T.: -0.001 min  
Response: 2361042  
Conc: 2.38 ng/ml



#19 Endosulfan Sulfate

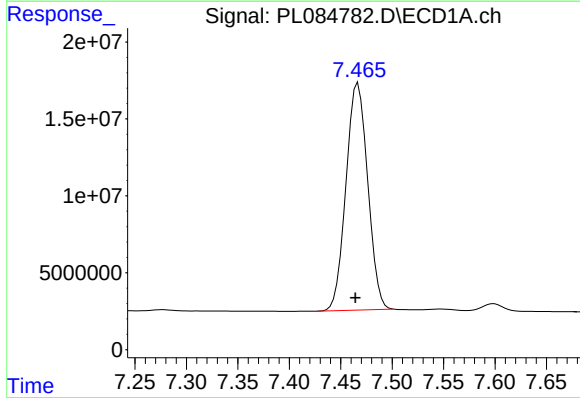
R.T.: 7.088 min  
Delta R.T.: -0.024 min  
Response: 257434  
Conc: 0.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



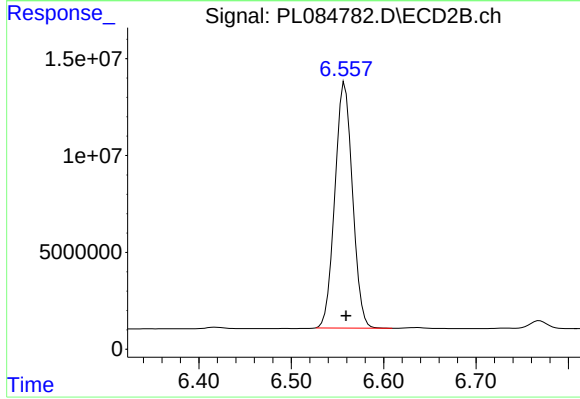
#19 Endosulfan Sulfate

R.T.: 6.265 min  
Delta R.T.: 0.000 min  
Response: 113649  
Conc: 0.10 ng/ml



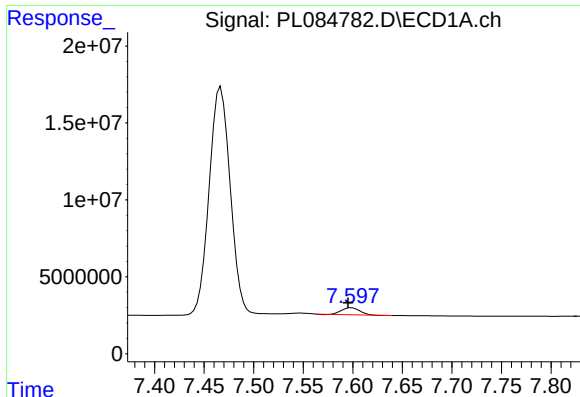
#20 Methoxychlor

R.T.: 7.467 min  
Delta R.T.: 0.003 min  
Response: 217152525  
Conc: 226.27 ng/ml



#20 Methoxychlor

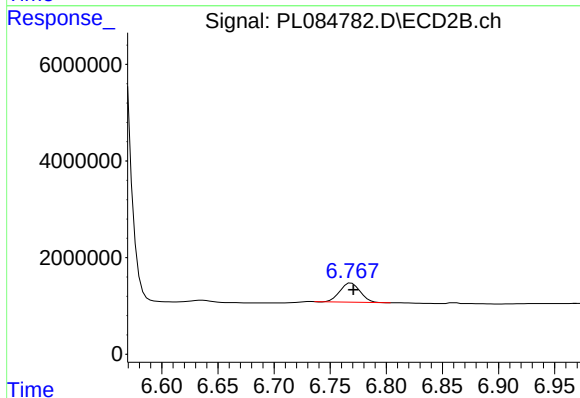
R.T.: 6.558 min  
Delta R.T.: -0.001 min  
Response: 168053804  
Conc: 244.94 ng/ml



#21 Endrin ketone

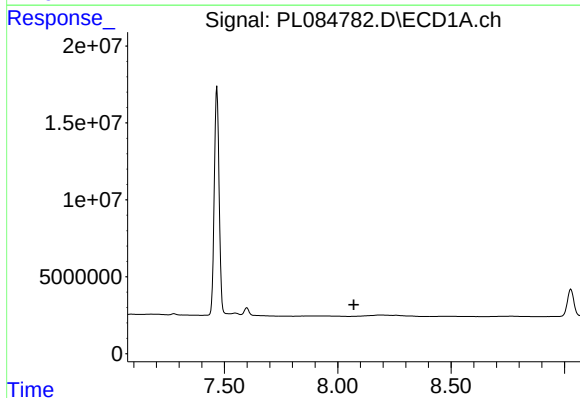
R.T.: 7.599 min  
Delta R.T.: 0.003 min  
Response: 5704460  
Conc: 2.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



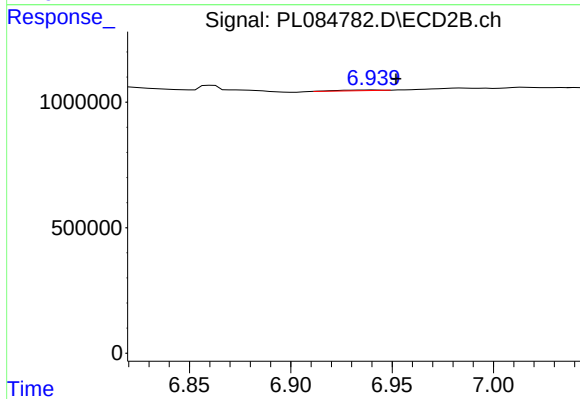
#21 Endrin ketone

R.T.: 6.769 min  
Delta R.T.: -0.002 min  
Response: 4976633  
Conc: 3.45 ng/ml



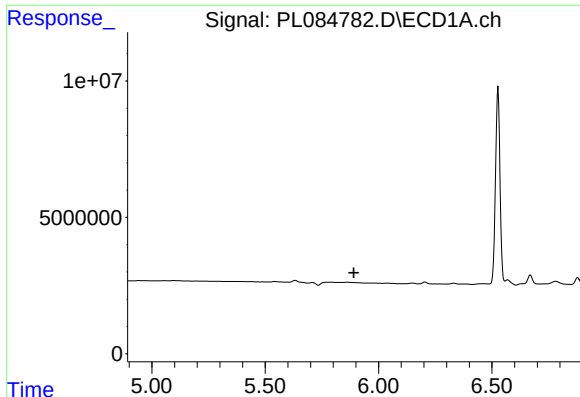
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 8.071 min  
Response: 0  
Conc: N.D.



#22 Mirex

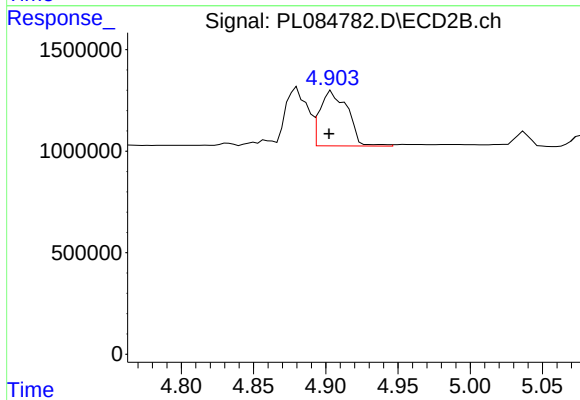
R.T.: 6.941 min  
Delta R.T.: -0.011 min  
Response: 40521  
Conc: 0.04 ng/ml



#25 Chlordane-3

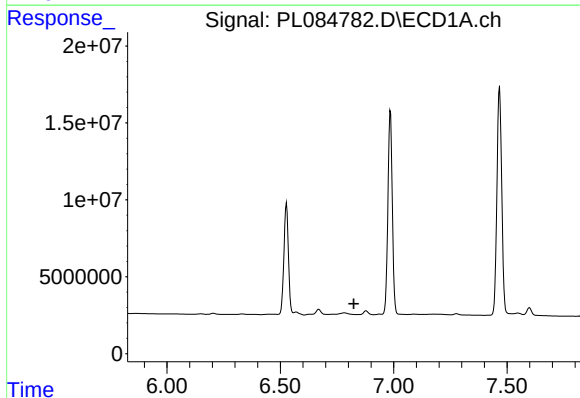
R.T.: 0.000 min  
Exp R.T.: 5.890 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



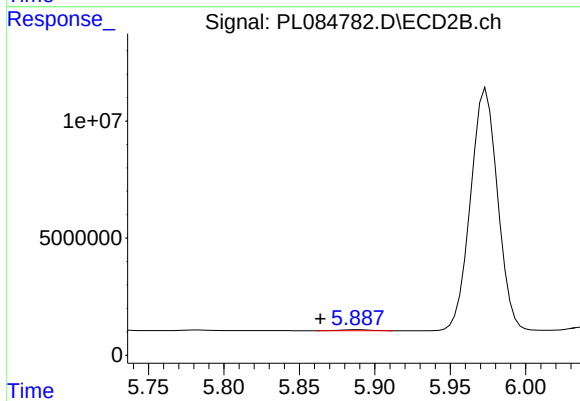
#25 Chlordane-3

R.T.: 4.904 min  
Delta R.T.: 0.002 min  
Response: 3619651  
Conc: 26.13 ng/ml



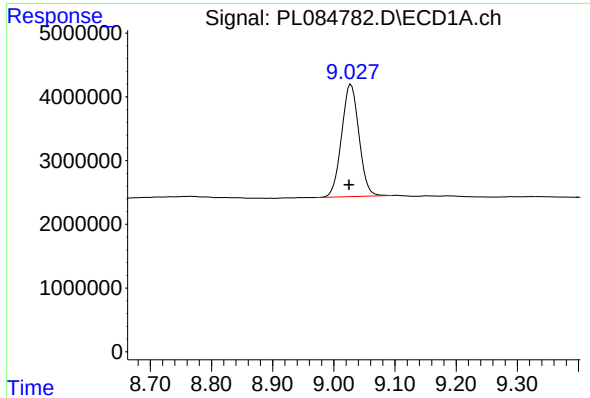
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.824 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

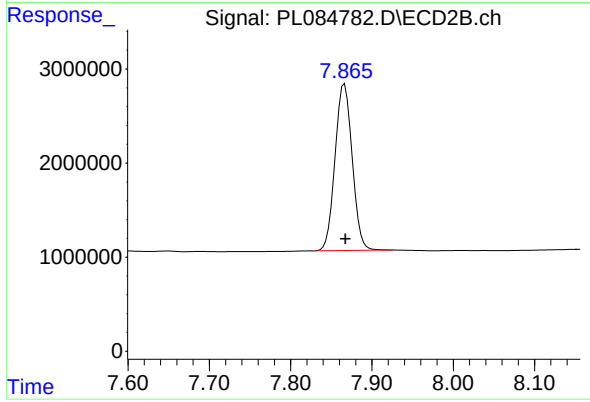
R.T.: 5.888 min  
Delta R.T.: 0.024 min  
Response: 533148  
Conc: 10.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: 0.003 min  
Response: 34796334  
Conc: 21.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.866 min  
Delta R.T.: -0.001 min  
Response: 25978204  
Conc: 20.84 ng/ml