

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080224\  
 Data File : PL090764.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Aug 2024 17:42  
 Operator : AR\AJ  
 Sample : P3448-11  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 03 00:38:23 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 15 14:16:48 2024  
 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... | 3.544  | 2.786  | 35303521 | 31394757 | 16.955 | 18.654   |
| 28)                         | SA Decachlor... | 9.052  | 7.926  | 17933171 | 22911395 | 13.495 | 15.713   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 0.000  | 3.285  | 0        | 1032785  | N.D.   | 0.427 #  |
| 3)                          | MA gamma-BHC... | 4.307f | 3.628  | 2222350  | 1662469  | 0.794  | 0.721    |
| 4)                          | MA Heptachlor   | 0.000  | 3.983f | 0        | 11614    | N.D.   | 0.005 #  |
| 5)                          | MB Aldrin       | 0.000  | 4.227f | 0        | 1593759  | N.D.   | 0.749 #  |
| 6)                          | B beta-BHC      | 4.544  | 3.921  | 3377702  | 922374   | 2.663  | 0.894 #  |
| 7)                          | B delta-BHC     | 0.000  | 4.139  | 0        | 1847424  | N.D.   | 0.840 #  |
| 8)                          | B Heptachlo...  | 5.708f | 0.000  | 5436264  | 0        | 2.313  | N.D. #   |
| 9)                          | A Endosulfan I  | 6.064  | 5.142f | 1635797  | 8035836  | 0.765  | 4.394 #  |
| 10)                         | B gamma-Chl...  | 5.926f | 4.998  | 4069457  | 1164479  | 1.750  | 0.574 #  |
| 11)                         | B alpha-Chl...  | 6.027  | 5.076  | 6410425  | 1505586  | 2.792  | 0.745 #  |
| 12)                         | B 4,4'-DDE      | 0.000  | 5.247  | 0        | 775223   | N.D.   | 0.434 #  |
| 13)                         | MA Dieldrin     | 0.000  | 5.386  | 0        | 3742871  | N.D.   | 1.909 #  |
| 14)                         | MA Endrin       | 0.000  | 5.652  | 0        | 550005   | N.D.   | 0.320 #  |
| 15)                         | B Endosulfa...  | 6.780f | 5.955  | 1175745  | 949341   | 0.598  | 0.556    |
| 16)                         | A 4,4'-DDD      | 6.702  | 5.807  | 2029891  | 315210   | 1.202  | 0.210 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 6.049  | 0        | 1071711  | N.D.   | 0.731 #  |
| 18)                         | B Endrin al...  | 6.929  | 6.145  | 1051001  | 244347   | 0.708  | 0.187 #  |
| 19)                         | B Endosulfa...  | 0.000  | 6.367  | 0        | 1209857  | N.D.   | 0.750 #  |
| 20)                         | A Methoxychlor  | 7.491  | 6.657f | 6386462  | 868454   | 7.233  | 1.074 #  |
| 21)                         | B Endrin ke...  | 7.669f | 0.000  | 1328871  | 0        | 0.696  | N.D. #   |
| 23)                         | Chlordane-1     | 0.000  | 3.796  | 0        | 802631   | N.D.   | 12.963 # |
| 24)                         | Chlordane-2     | 0.000  | 4.382  | 0        | 1421460  | N.D.   | 18.743 # |
| 25)                         | Chlordane-3     | 5.926f | 4.998  | 4069457  | 1164479  | 12.292 | 5.634 #  |
| 26)                         | Chlordane-4     | 6.027  | 5.076  | 6410425  | 1505586  | 16.094 | 7.693 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.744  | 0        | 3360453  | N.D.   | 55.751 # |
| -----                       |                 |        |        |          |          |        |          |

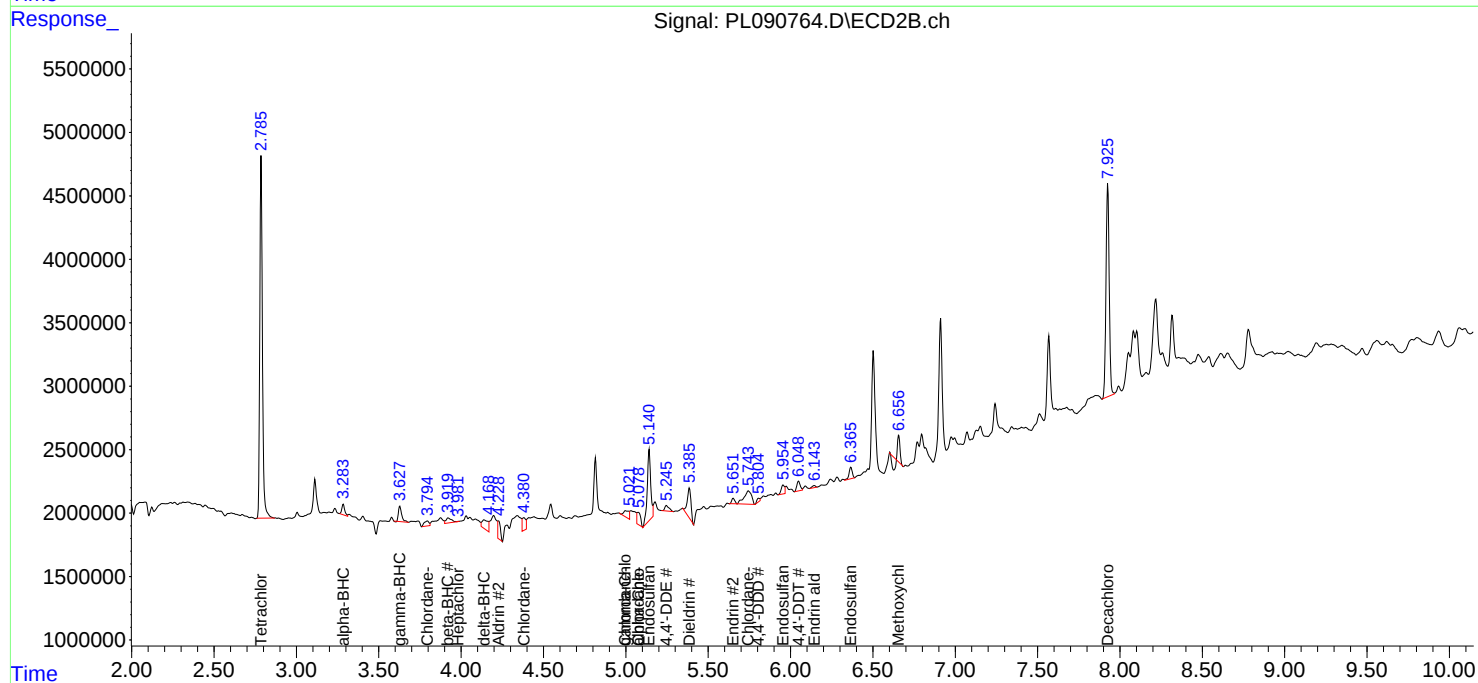
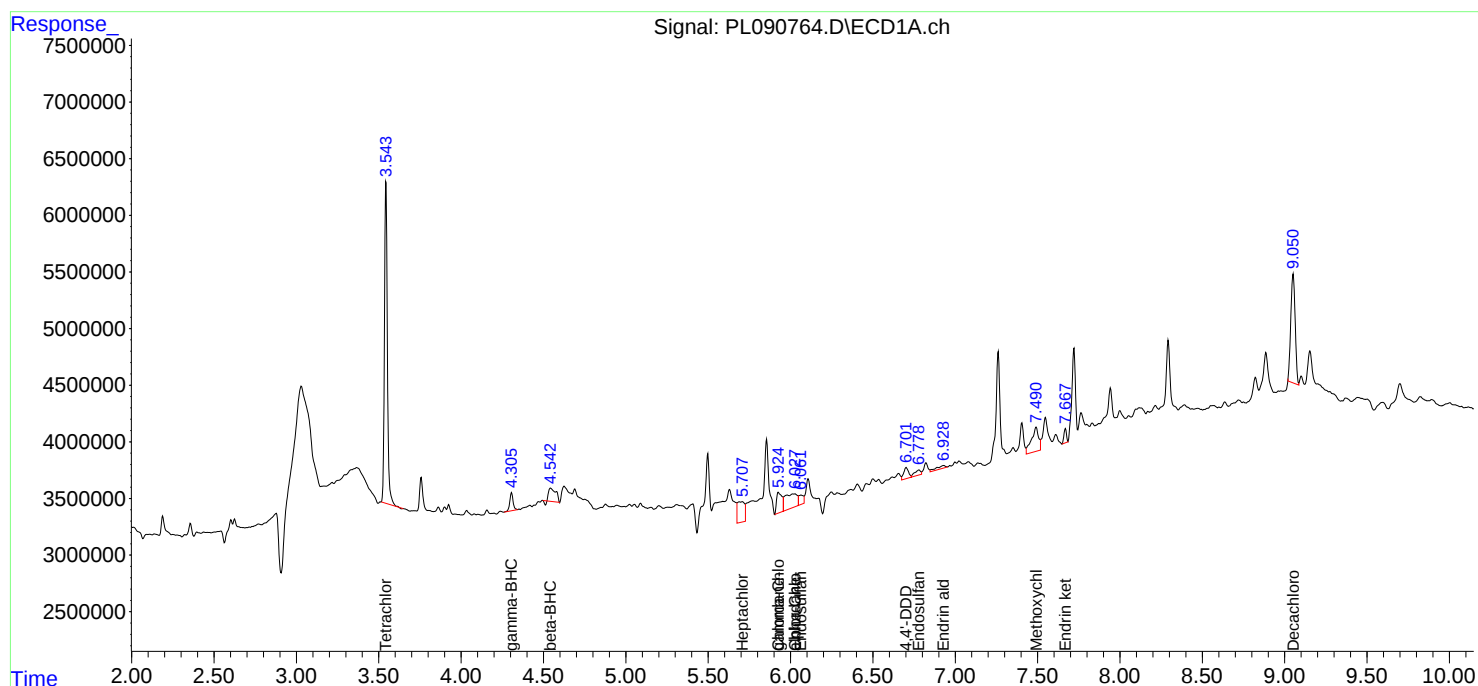
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

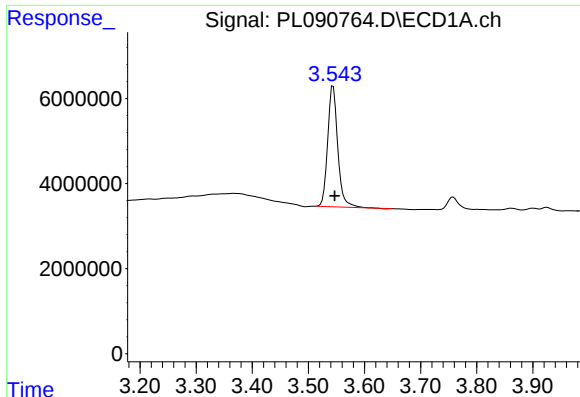
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080224\  
Data File : PL090764.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Aug 2024 17:42  
Operator : AR\AJ  
Sample : P3448-11  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 03 00:38:23 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071524.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 15 14:16:48 2024  
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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

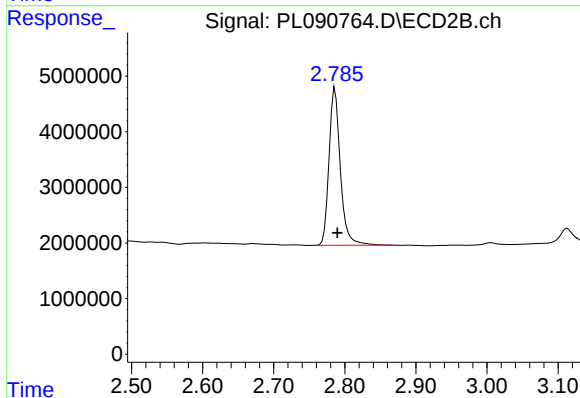




#1 Tetrachloro-m-xylene

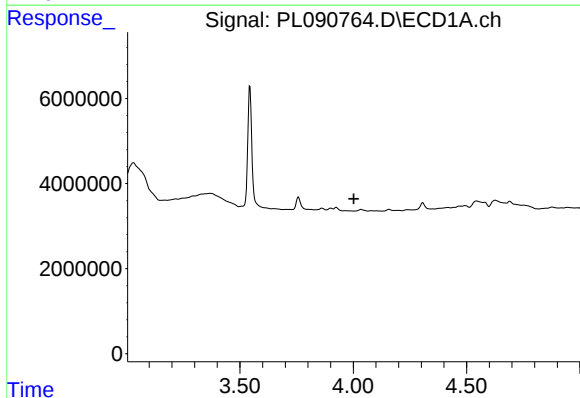
R.T.: 3.544 min  
Delta R.T.: -0.003 min  
Response: 35303521  
Conc: 16.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



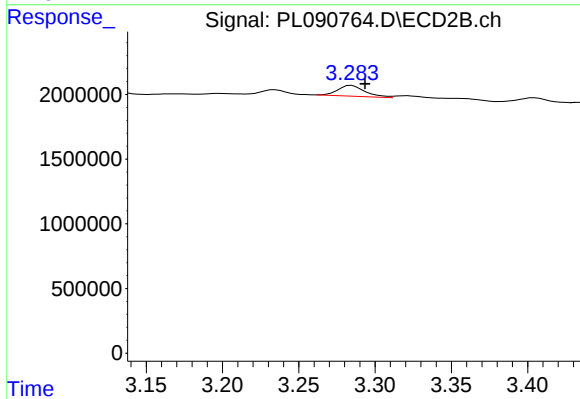
#1 Tetrachloro-m-xylene

R.T.: 2.786 min  
Delta R.T.: -0.003 min  
Response: 31394757  
Conc: 18.65 ng/ml



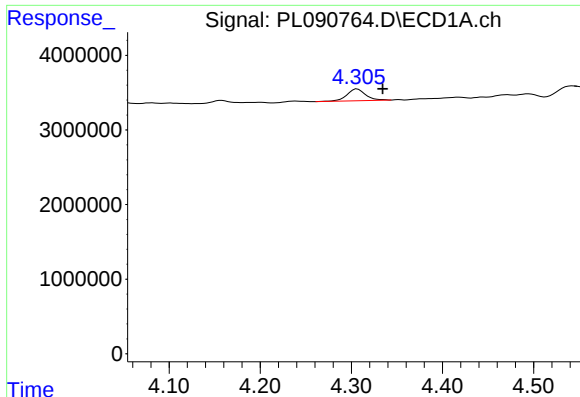
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 4.002 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

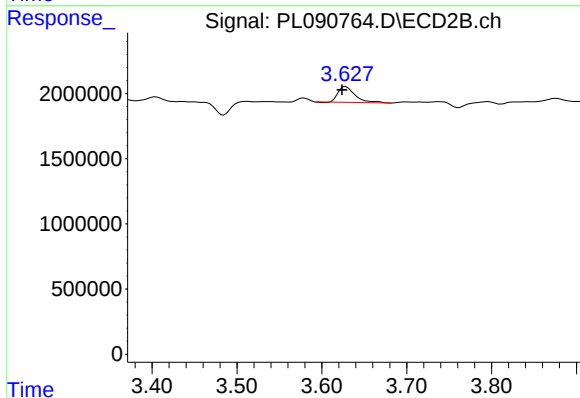
R.T.: 3.285 min  
Delta R.T.: -0.009 min  
Response: 1032785  
Conc: 0.43 ng/ml



#3 gamma-BHC (Lindane)

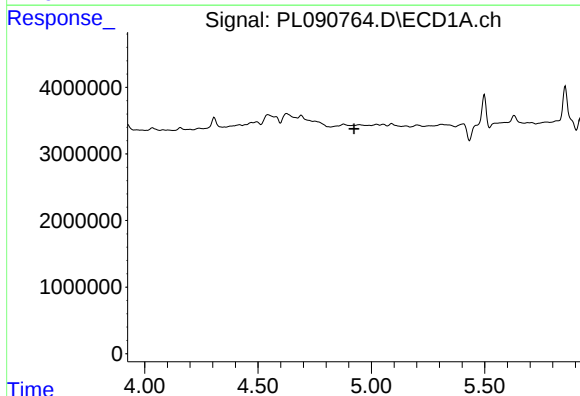
R.T.: 4.307 min  
Delta R.T.: -0.028 min  
Response: 2222350  
Conc: 0.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



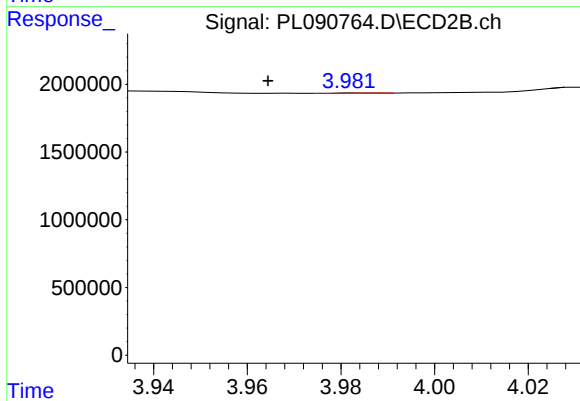
#3 gamma-BHC (Lindane)

R.T.: 3.628 min  
Delta R.T.: 0.004 min  
Response: 1662469  
Conc: 0.72 ng/ml



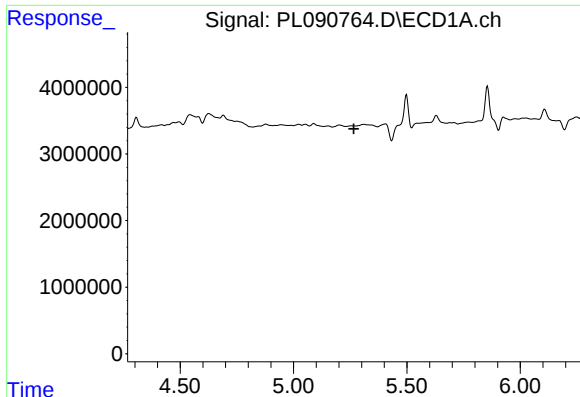
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.924 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

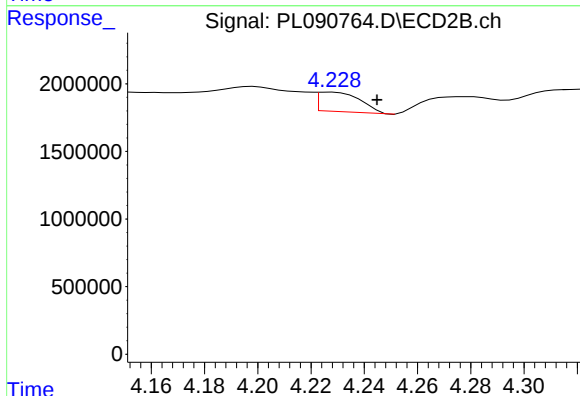
R.T.: 3.983 min  
Delta R.T.: 0.019 min  
Response: 11614  
Conc: 0.01 ng/ml



#5 Aldrin

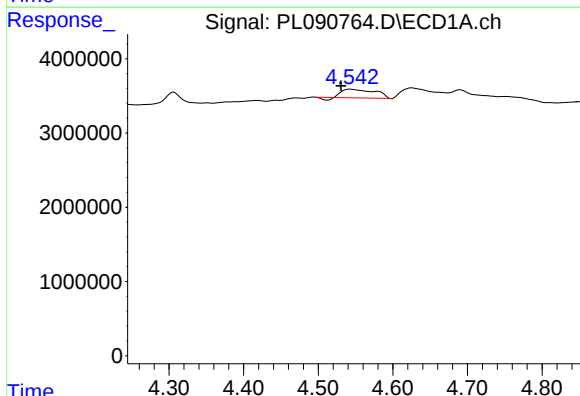
R.T.: 0.000 min  
Exp R.T.: 5.266 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



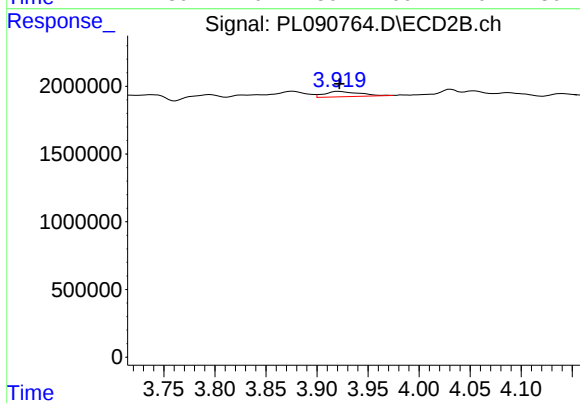
#5 Aldrin

R.T.: 4.227 min  
Delta R.T.: -0.018 min  
Response: 1593759  
Conc: 0.75 ng/ml



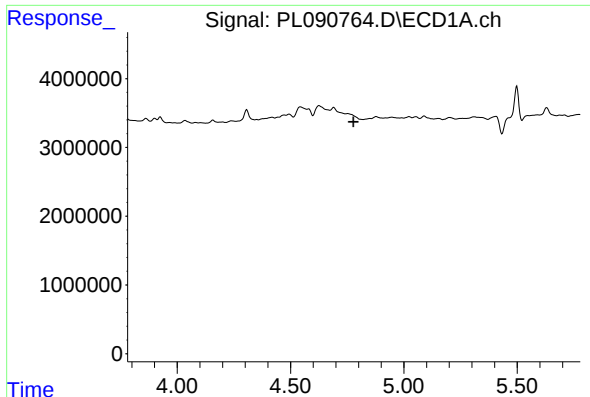
#6 beta-BHC

R.T.: 4.544 min  
Delta R.T.: 0.013 min  
Response: 3377702  
Conc: 2.66 ng/ml



#6 beta-BHC

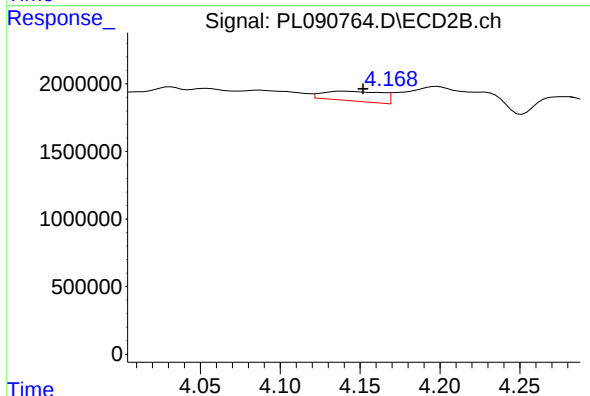
R.T.: 3.921 min  
Delta R.T.: 0.000 min  
Response: 922374  
Conc: 0.89 ng/ml



#7 delta-BHC

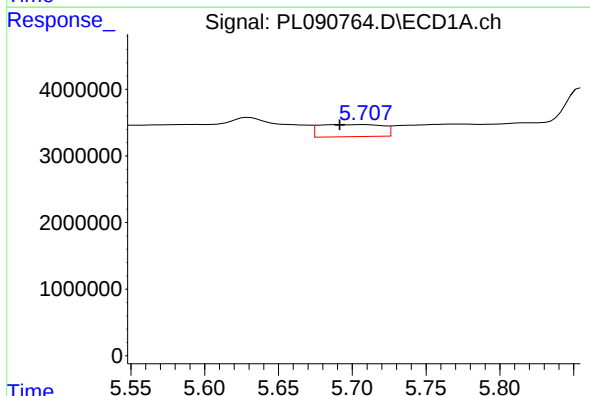
R.T.: 0.000 min  
Exp R.T.: 4.778 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



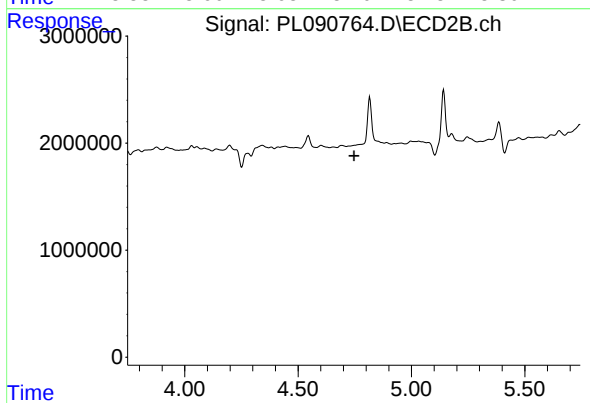
#7 delta-BHC

R.T.: 4.139 min  
Delta R.T.: -0.013 min  
Response: 1847424  
Conc: 0.84 ng/ml



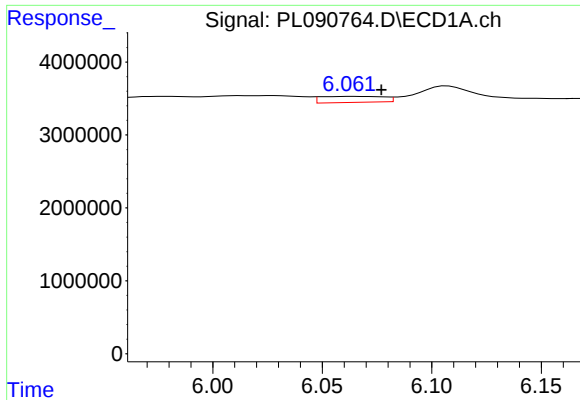
#8 Heptachlor epoxide

R.T.: 5.708 min  
Delta R.T.: 0.017 min  
Response: 5436264  
Conc: 2.31 ng/ml



#8 Heptachlor epoxide

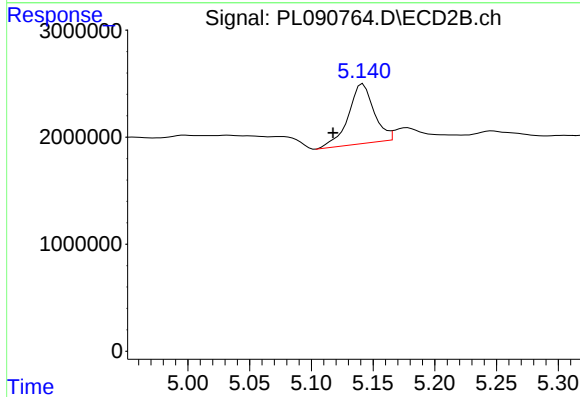
R.T.: 0.000 min  
Exp R.T.: 4.748 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

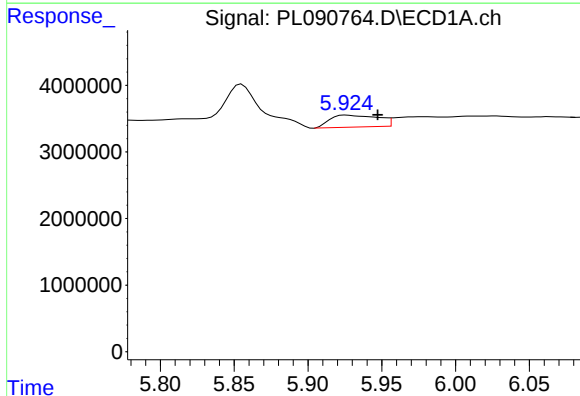
R.T.: 6.064 min  
Delta R.T.: -0.013 min  
Response: 1635797  
Conc: 0.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



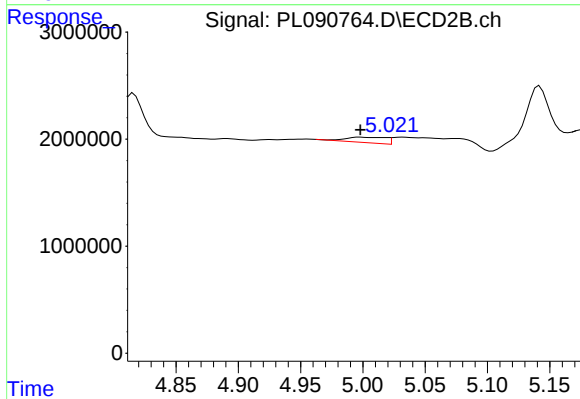
#9 Endosulfan I

R.T.: 5.142 min  
Delta R.T.: 0.024 min  
Response: 8035836  
Conc: 4.39 ng/ml



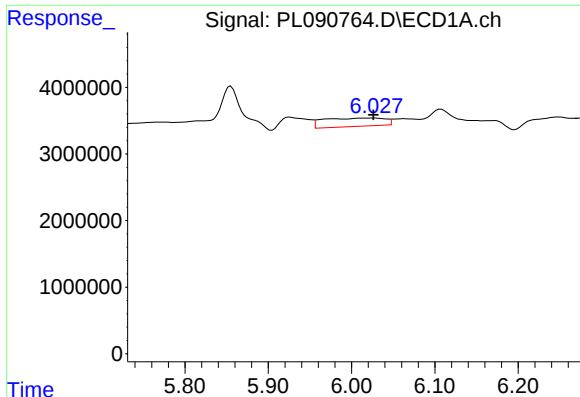
#10 gamma-Chlordane

R.T.: 5.926 min  
Delta R.T.: -0.021 min  
Response: 4069457  
Conc: 1.75 ng/ml



#10 gamma-Chlordane

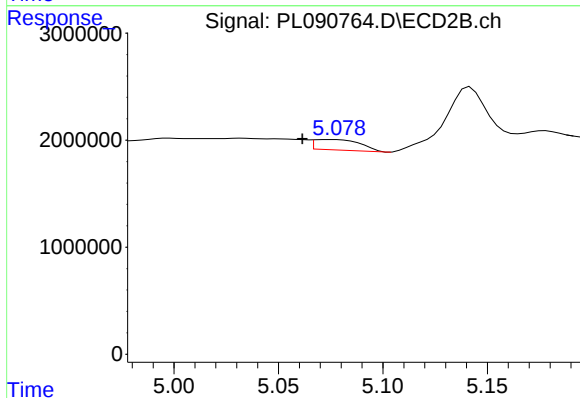
R.T.: 4.998 min  
Delta R.T.: 0.000 min  
Response: 1164479  
Conc: 0.57 ng/ml



#11 alpha-Chlordane

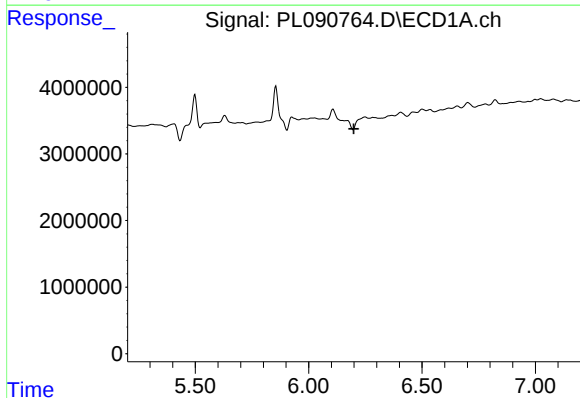
R.T.: 6.027 min  
Delta R.T.: 0.000 min  
Response: 6410425  
Conc: 2.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



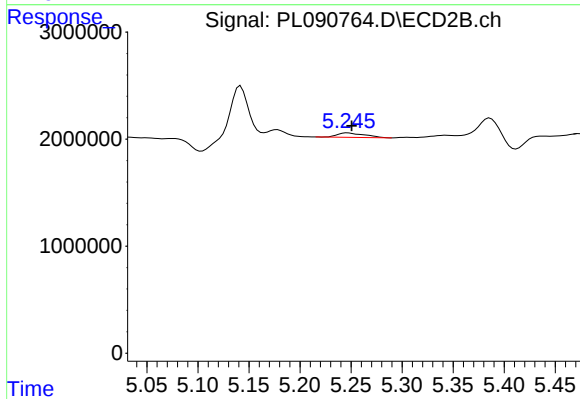
#11 alpha-Chlordane

R.T.: 5.076 min  
Delta R.T.: 0.015 min  
Response: 1505586  
Conc: 0.75 ng/ml



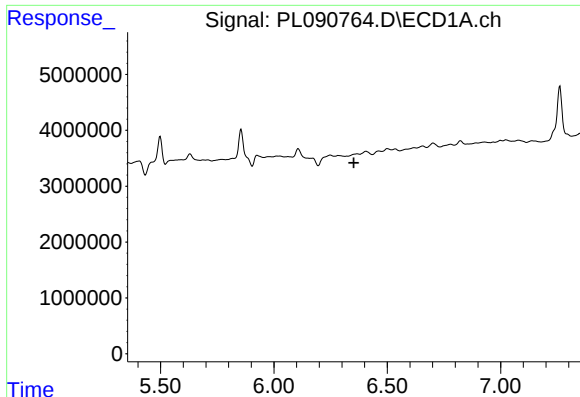
#12 4,4'-DDE

R.T.: 0.000 min  
Exp R.T. : 6.199 min  
Response: 0  
Conc: N.D.



#12 4,4'-DDE

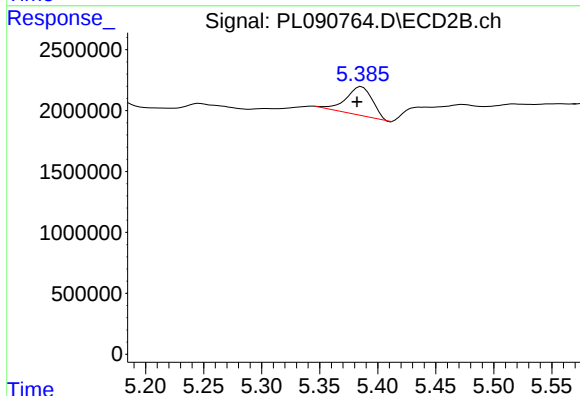
R.T.: 5.247 min  
Delta R.T.: -0.004 min  
Response: 775223  
Conc: 0.43 ng/ml



#13 Dieldrin

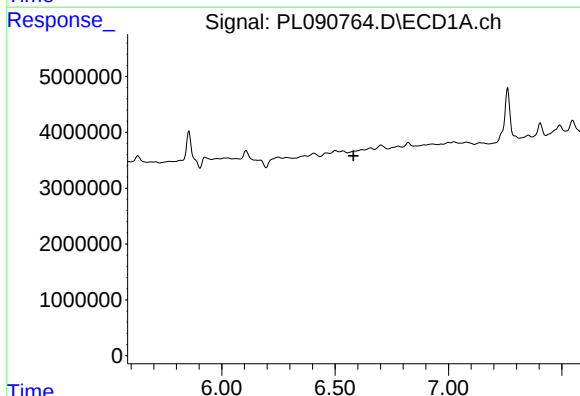
R.T.: 0.000 min  
Exp R.T.: 6.352 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



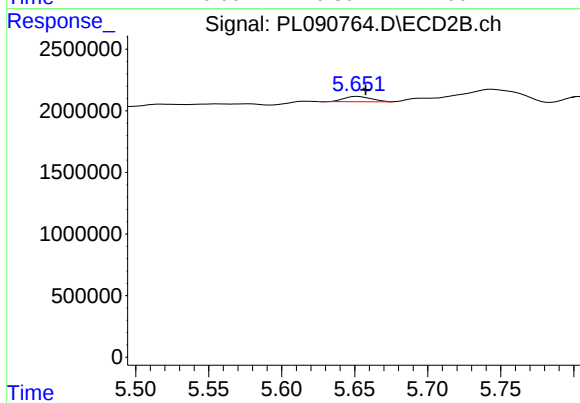
#13 Dieldrin

R.T.: 5.386 min  
Delta R.T.: 0.004 min  
Response: 3742871  
Conc: 1.91 ng/ml



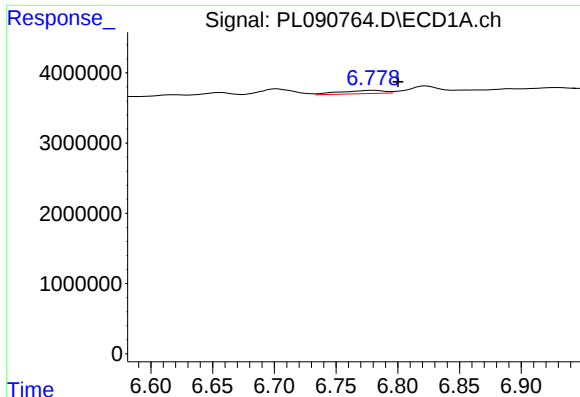
#14 Endrin

R.T.: 0.000 min  
Exp R.T.: 6.582 min  
Response: 0  
Conc: N.D.



#14 Endrin

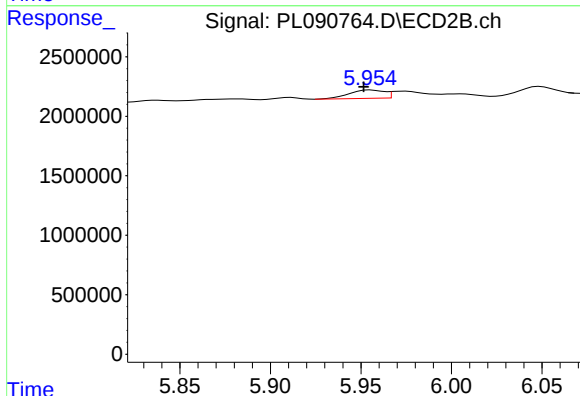
R.T.: 5.652 min  
Delta R.T.: -0.005 min  
Response: 550005  
Conc: 0.32 ng/ml



#15 Endosulfan II

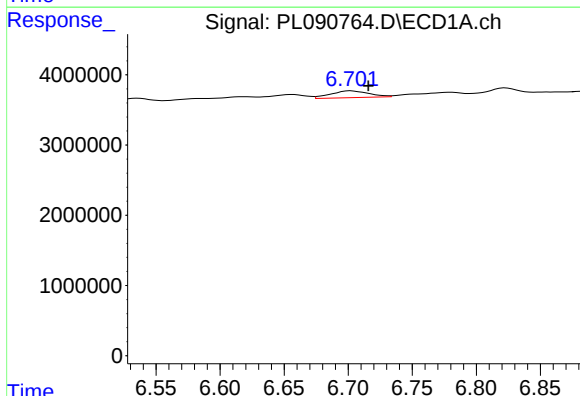
R.T.: 6.780 min  
Delta R.T.: -0.020 min  
Response: 1175745  
Conc: 0.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



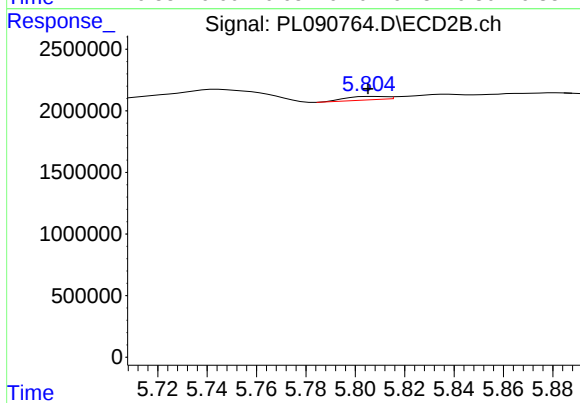
#15 Endosulfan II

R.T.: 5.955 min  
Delta R.T.: 0.003 min  
Response: 949341  
Conc: 0.56 ng/ml



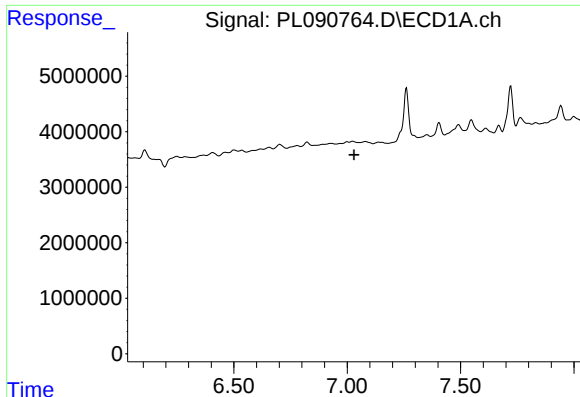
#16 4,4'-DDD

R.T.: 6.702 min  
Delta R.T.: -0.013 min  
Response: 2029891  
Conc: 1.20 ng/ml



#16 4,4'-DDD

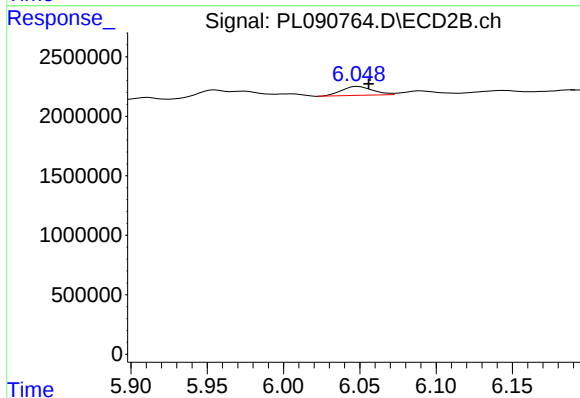
R.T.: 5.807 min  
Delta R.T.: 0.001 min  
Response: 315210  
Conc: 0.21 ng/ml



#17 4,4'-DDT

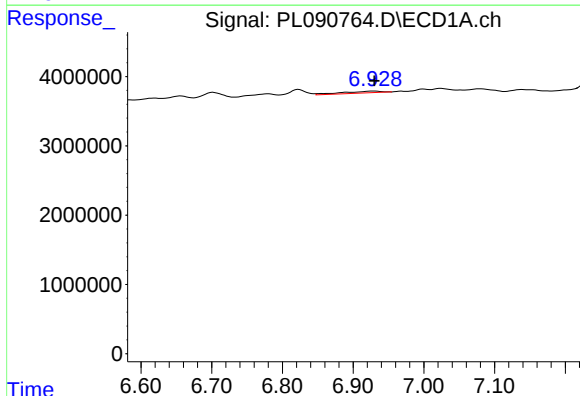
R.T.: 0.000 min  
Exp R.T.: 7.030 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



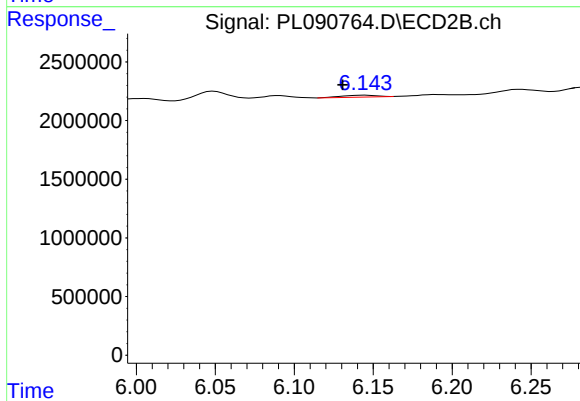
#17 4,4'-DDT

R.T.: 6.049 min  
Delta R.T.: -0.007 min  
Response: 1071711  
Conc: 0.73 ng/ml



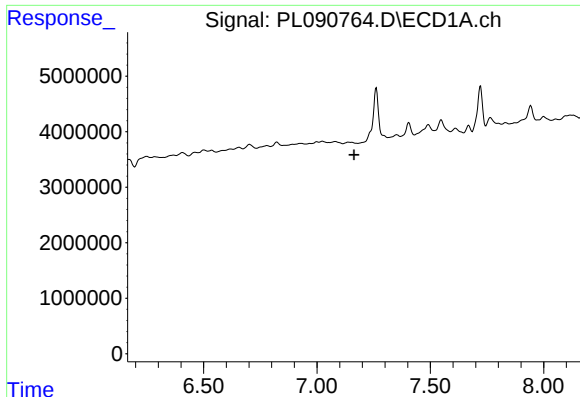
#18 Endrin aldehyde

R.T.: 6.929 min  
Delta R.T.: 0.000 min  
Response: 1051001  
Conc: 0.71 ng/ml



#18 Endrin aldehyde

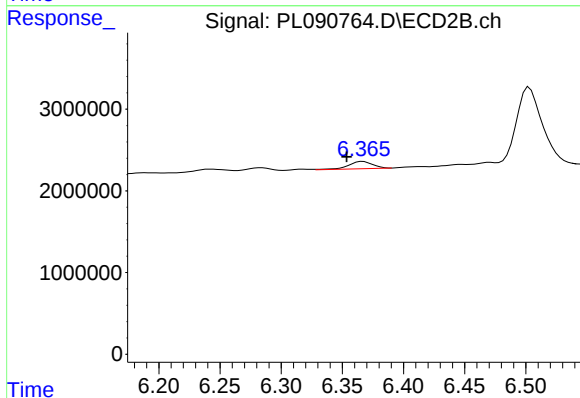
R.T.: 6.145 min  
Delta R.T.: 0.014 min  
Response: 244347  
Conc: 0.19 ng/ml



#19 Endosulfan Sulfate

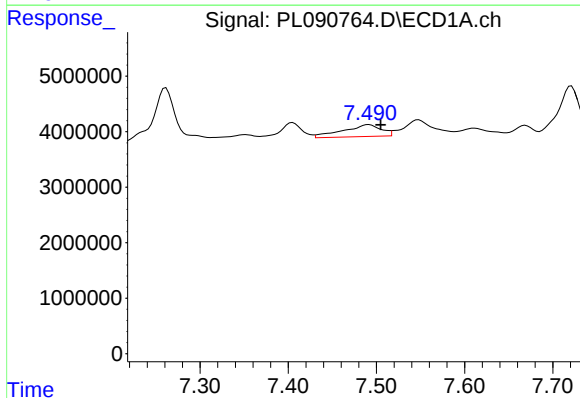
R.T.: 0.000 min  
Exp R.T.: 7.164 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



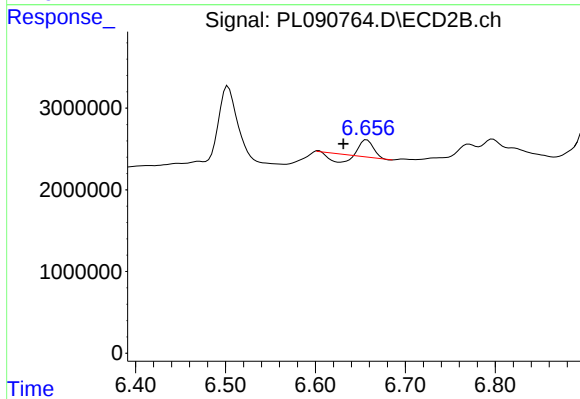
#19 Endosulfan Sulfate

R.T.: 6.367 min  
Delta R.T.: 0.013 min  
Response: 1209857  
Conc: 0.75 ng/ml



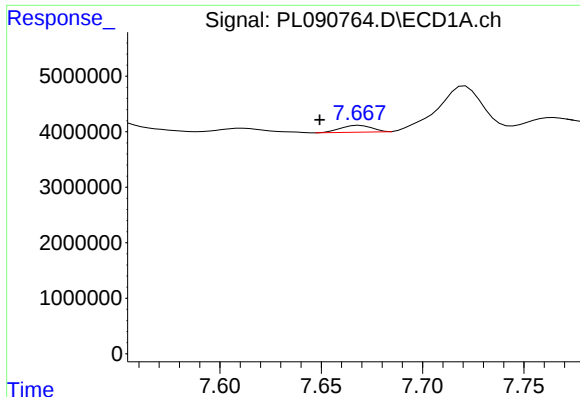
#20 Methoxychlor

R.T.: 7.491 min  
Delta R.T.: -0.013 min  
Response: 6386462  
Conc: 7.23 ng/ml



#20 Methoxychlor

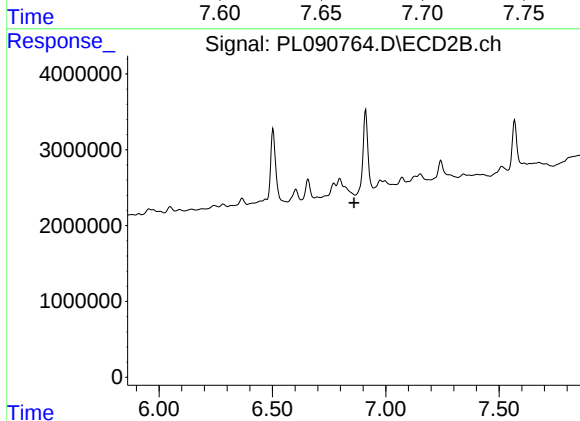
R.T.: 6.657 min  
Delta R.T.: 0.026 min  
Response: 868454  
Conc: 1.07 ng/ml



#21 Endrin ketone

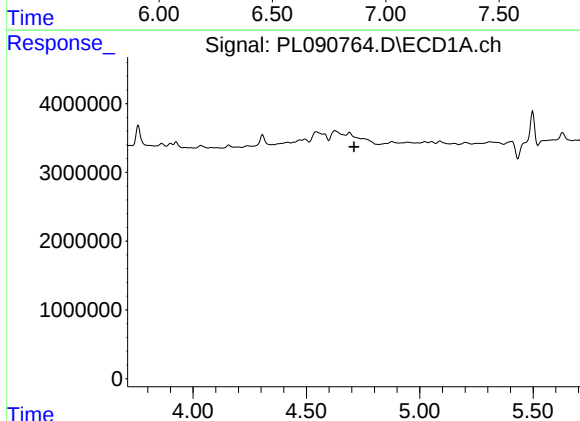
R.T.: 7.669 min  
Delta R.T.: 0.020 min  
Response: 1328871  
Conc: 0.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



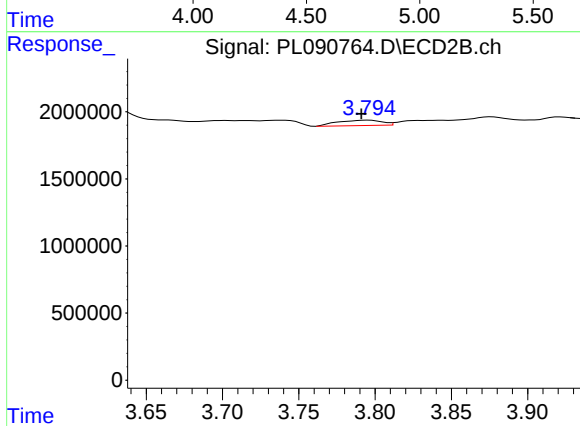
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 6.860 min  
Response: 0  
Conc: N.D.



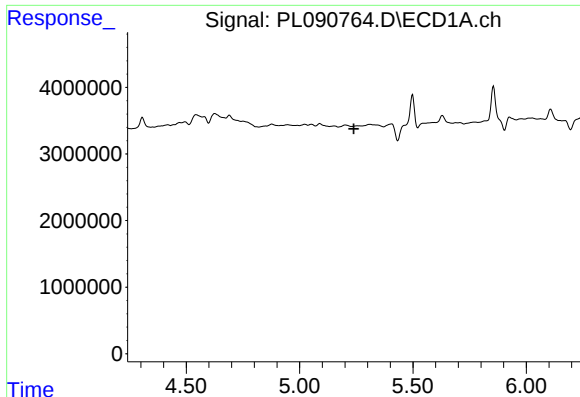
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.710 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

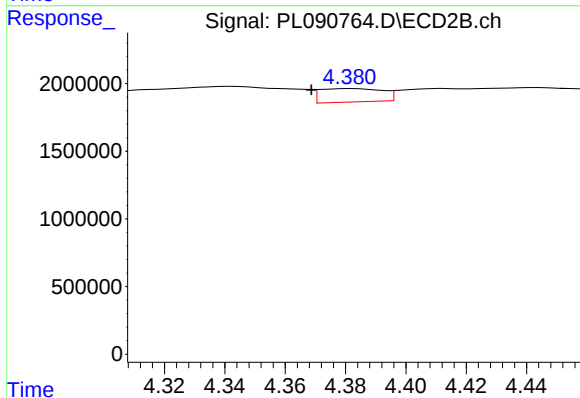
R.T.: 3.796 min  
Delta R.T.: 0.005 min  
Response: 802631  
Conc: 12.96 ng/ml



#24 Chlordane-2

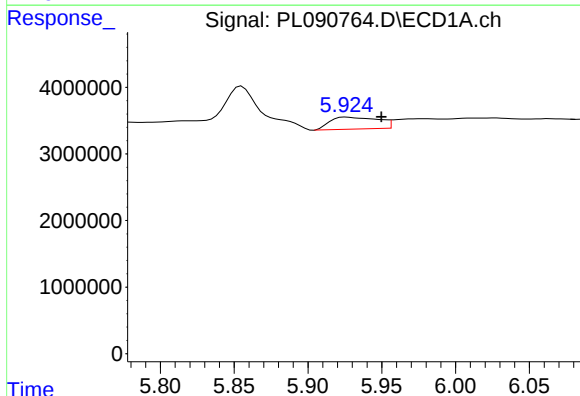
R.T.: 0.000 min  
Exp R.T.: 5.240 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



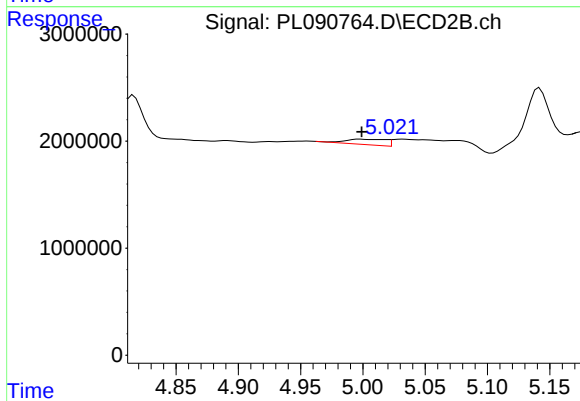
#24 Chlordane-2

R.T.: 4.382 min  
Delta R.T.: 0.013 min  
Response: 1421460  
Conc: 18.74 ng/ml



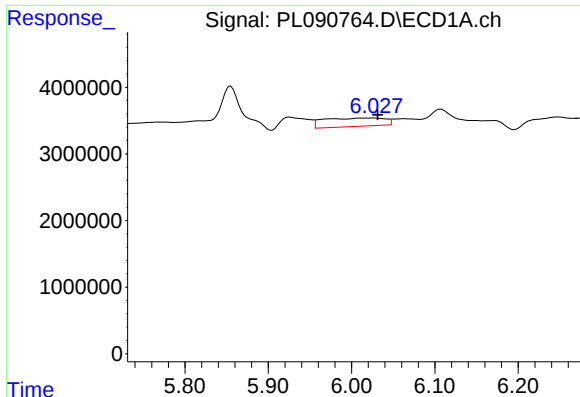
#25 Chlordane-3

R.T.: 5.926 min  
Delta R.T.: -0.024 min  
Response: 4069457  
Conc: 12.29 ng/ml



#25 Chlordane-3

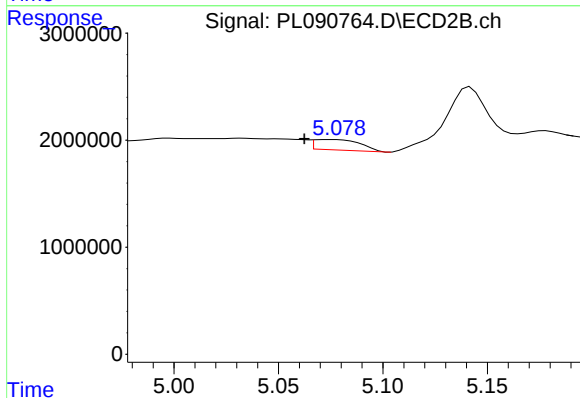
R.T.: 4.998 min  
Delta R.T.: -0.001 min  
Response: 1164479  
Conc: 5.63 ng/ml



#26 Chlordane-4

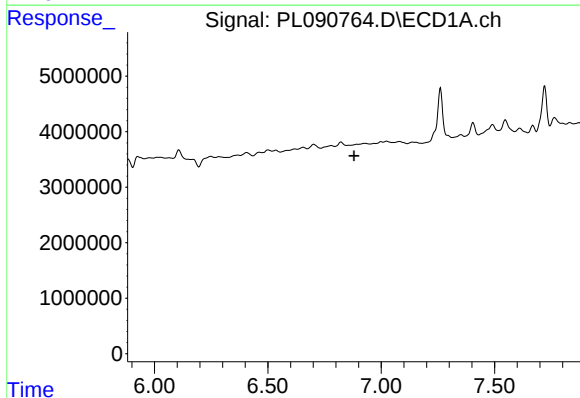
R.T.: 6.027 min  
Delta R.T.: -0.005 min  
Response: 6410425  
Conc: 16.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



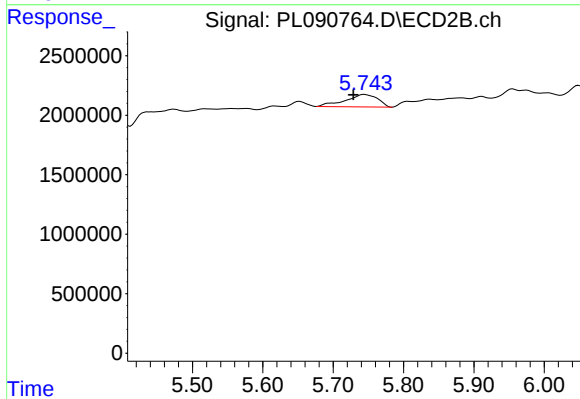
#26 Chlordane-4

R.T.: 5.076 min  
Delta R.T.: 0.014 min  
Response: 1505586  
Conc: 7.69 ng/ml



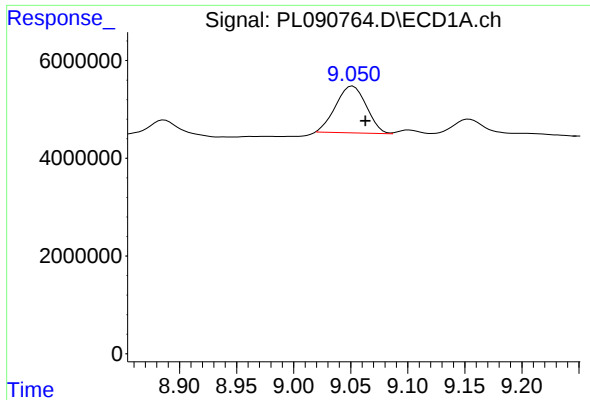
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.880 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

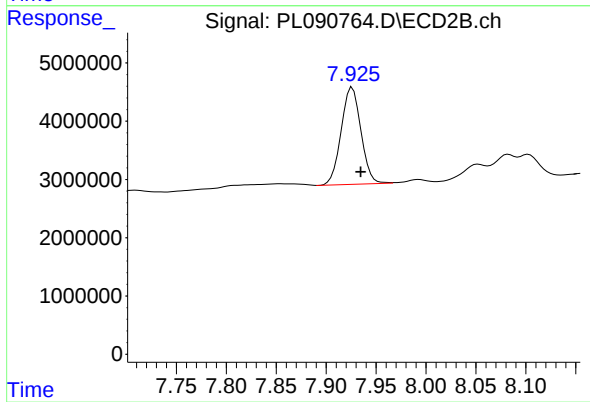
R.T.: 5.744 min  
Delta R.T.: 0.016 min  
Response: 3360453  
Conc: 55.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.011 min  
Response: 17933171  
Conc: 13.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.926 min  
Delta R.T.: -0.008 min  
Response: 22911395  
Conc: 15.71 ng/ml