

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022521\  
 Data File : PL064950.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Feb 2021 13:23  
 Operator : AR\AJ  
 Sample : M1472-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 COMPOSITE-01(TP2-TP1)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 24 15:47:29 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 09 04:41:29 2021  
 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... | 3.425  | 4.100  | 23181363 | 22037729 | 8.239   | 10.202    |
| 28)                         | SA Decachlor... | 8.143  | 9.256  | 37814629 | 31071154 | 16.815  | 16.359    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.861  | 0.000  | 3929938  | 0        | 0.847   | N.D. #    |
| 3)                          | MA gamma-BHC... | 4.144  | 4.800  | 2004732  | 11967250 | 0.464   | 4.213 #   |
| 4)                          | MA Heptachlor   | 0.000  | 5.313  | 0        | 24547197 | N.D.    | 8.286 #   |
| 5)                          | MB Aldrin       | 4.698f | 5.613  | 8090118  | 12604798 | 2.173   | 5.140 #   |
| 7)                          | B delta-BHC     | 4.586  | 5.227f | 3932056  | 6935296  | 0.973   | 2.567 #   |
| 8)                          | B Heptachlo...  | 5.116  | 6.020  | 8056454  | 3570475  | 2.320   | 1.618 #   |
| 9)                          | A Endosulfan I  | 5.457  | 0.000  | 17401458 | 0        | 5.426   | N.D. #    |
| 10)                         | B gamma-Chl...  | 5.336  | 0.000  | 16223536 | 0        | 4.627   | N.D. #    |
| 11)                         | B alpha-Chl...  | 5.405  | 6.316  | 15808861 | 6858450  | 4.564   | 2.979 #   |
| 12)                         | B 4,4'-DDE      | 5.597f | 6.481  | 3454166  | 3520330  | 1.104   | 1.736 #   |
| 13)                         | MA Dieldrin     | 5.712  | 6.615f | 2826769  | 8098791  | 0.862   | 3.789 #   |
| 14)                         | MA Endrin       | 5.952  | 0.000  | 1620128  | 0        | 0.539   | N.D. #    |
| 15)                         | B Endosulfa...  | 6.227  | 0.000  | 1903776  | 0        | 0.661   | N.D. #    |
| 16)                         | A 4,4'-DDD      | 6.076  | 6.974  | 1275991  | 7487096  | 0.504   | 4.319 #   |
| 17)                         | MA 4,4'-DDT     | 6.314  | 7.272  | 12336812 | 4175770  | 5.471   | 2.739 #   |
| 18)                         | B Endrin al...  | 6.411  | 0.000  | 3884049  | 0        | 1.593   | N.D. #    |
| 19)                         | B Endosulfa...  | 6.601  | 0.000  | 3993704  | 0        | 1.408   | N.D. #    |
| 21)                         | B Endrin ke...  | 7.121f | 0.000  | 3035639  | 0        | 1.058   | N.D. #    |
| 23)                         | Chlordane-1     | 4.296  | 5.098f | 16082342 | 4241064  | 141.474 | 48.288 #  |
| 24)                         | Chlordane-2     | 4.767  | 5.579  | 15148334 | 21274529 | 122.430 | 243.990 # |
| 25)                         | Chlordane-3     | 5.336  | 0.000  | 16223536 | 0        | 49.369  | N.D. #    |
| 26)                         | Chlordane-4     | 5.405  | 6.316  | 15808861 | 6858450  | 57.456  | 18.512 #  |
| 27)                         | Chlordane-5     | 6.227  | 0.000  | 1903776  | 0        | 18.816  | N.D. #    |
| -----                       |                 |        |        |          |          |         |           |

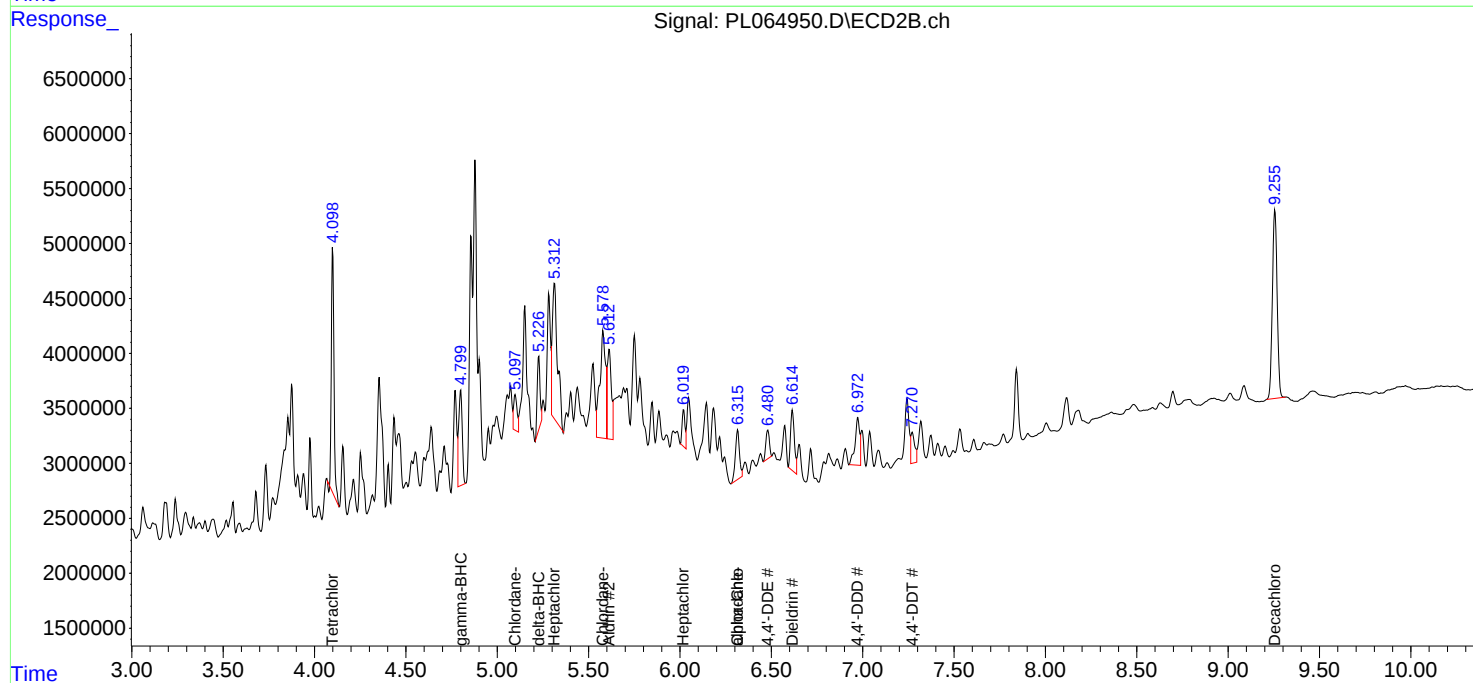
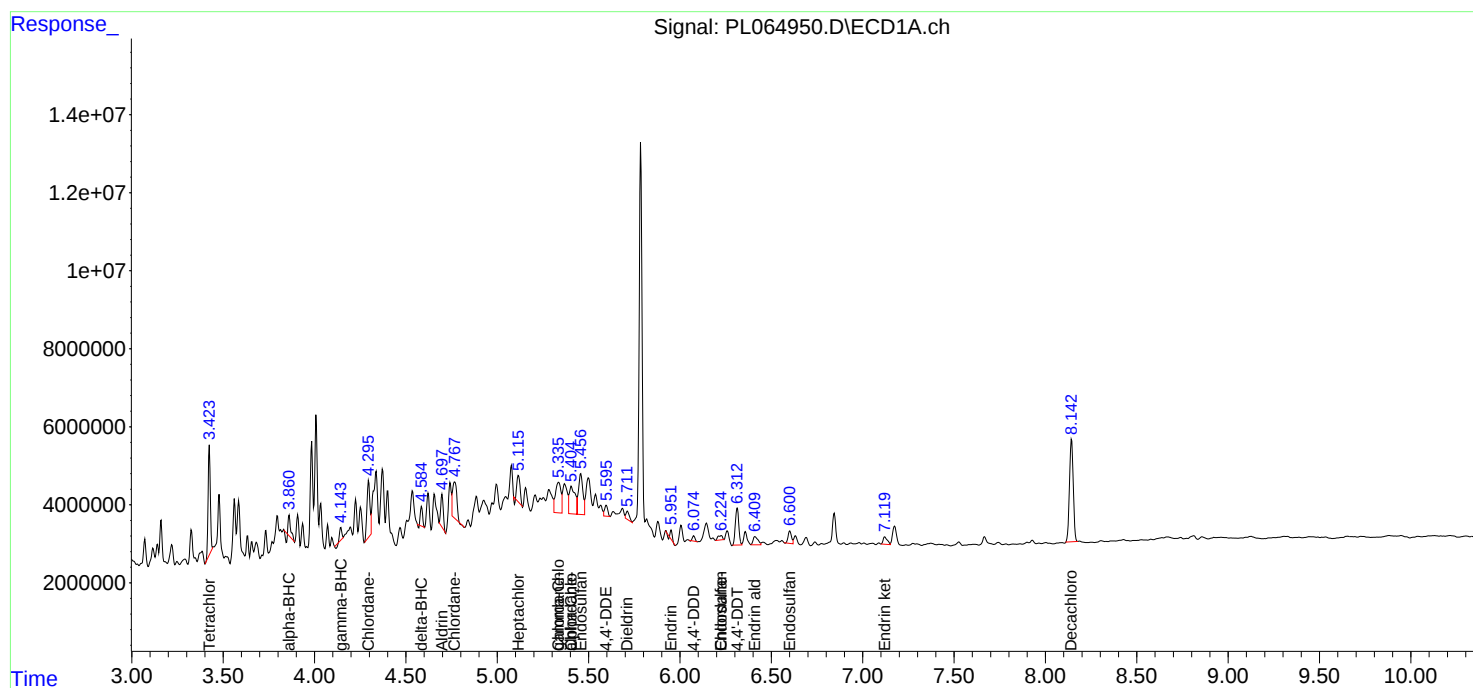
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

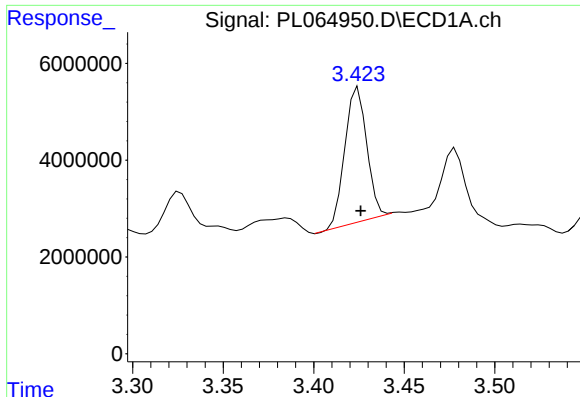
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022521\  
Data File : PL064950.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Feb 2021 13:23  
Operator : AR\AJ  
Sample : M1472-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
COMPOSITE-01(TP2-TP1)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 24 15:47:29 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 09 04:41:29 2021  
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

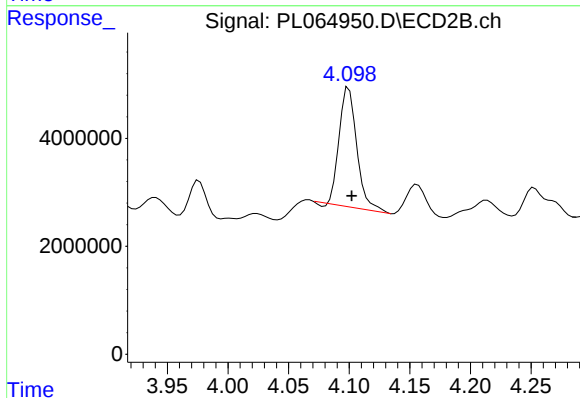




#1 Tetrachloro-m-xylene

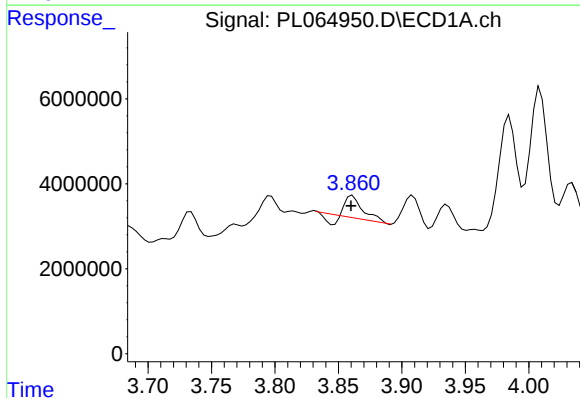
R.T.: 3.425 min  
Delta R.T.: -0.001 min  
Response: 23181363  
Conc: 8.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMPOSITE-01(TP2-TP1)



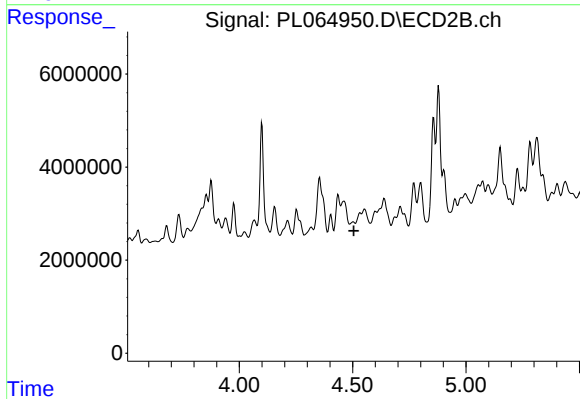
#1 Tetrachloro-m-xylene

R.T.: 4.100 min  
Delta R.T.: -0.002 min  
Response: 22037729  
Conc: 10.20 ng/ml



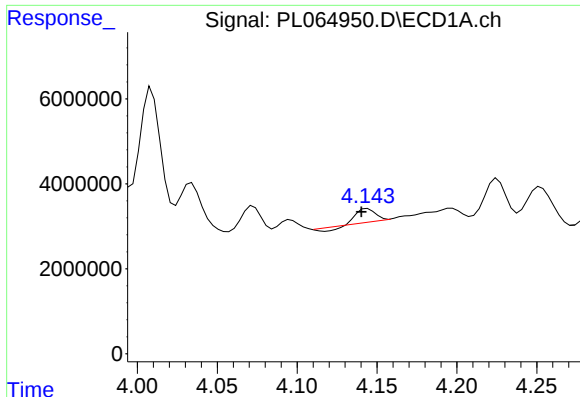
#2 alpha-BHC

R.T.: 3.861 min  
Delta R.T.: 0.001 min  
Response: 3929938  
Conc: 0.85 ng/ml



#2 alpha-BHC

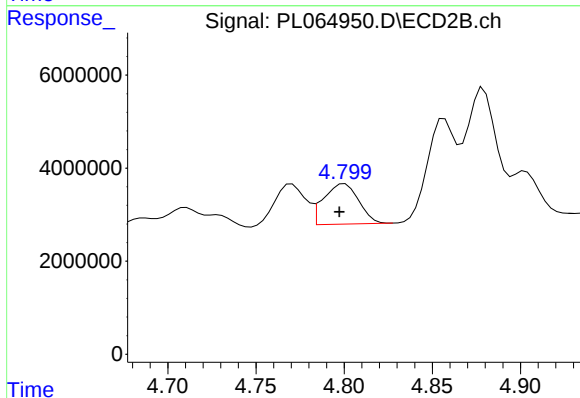
R.T.: 0.000 min  
Exp R.T.: 4.505 min  
Response: 0  
Conc: N.D.



#3 gamma-BHC (Lindane)

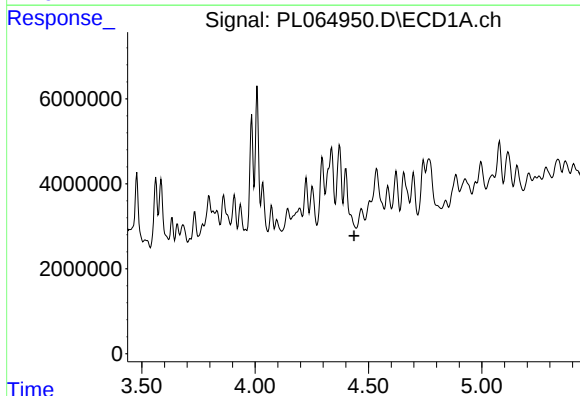
R.T.: 4.144 min  
Delta R.T.: 0.004 min  
Response: 2004732  
Conc: 0.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMPOSITE-01(TP2-TP1)



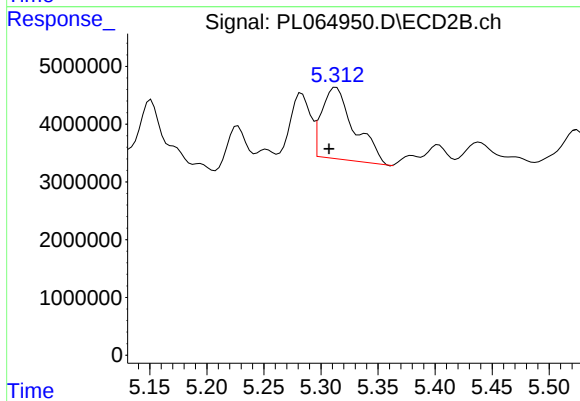
#3 gamma-BHC (Lindane)

R.T.: 4.800 min  
Delta R.T.: 0.003 min  
Response: 11967250  
Conc: 4.21 ng/ml



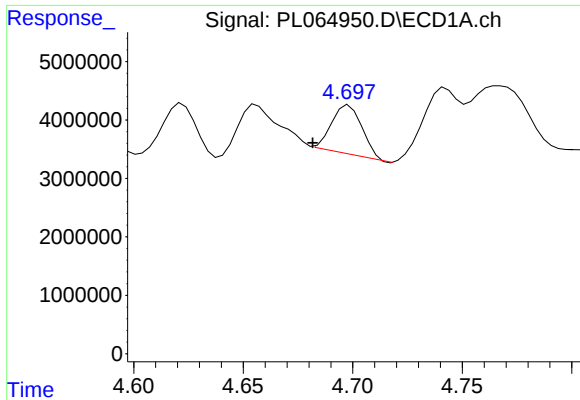
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 4.437 min  
Response: 0  
Conc: N.D.



#4 Heptachlor

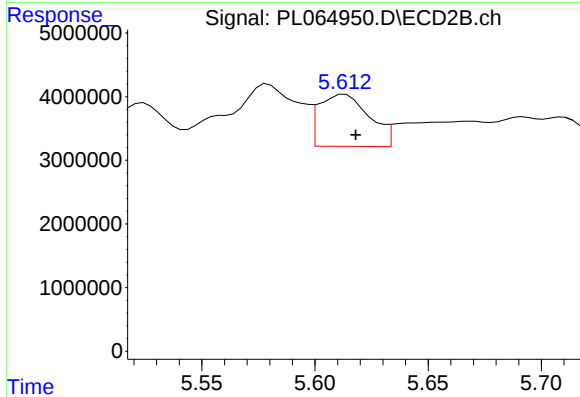
R.T.: 5.313 min  
Delta R.T.: 0.006 min  
Response: 24547197  
Conc: 8.29 ng/ml



#5 Aldrin

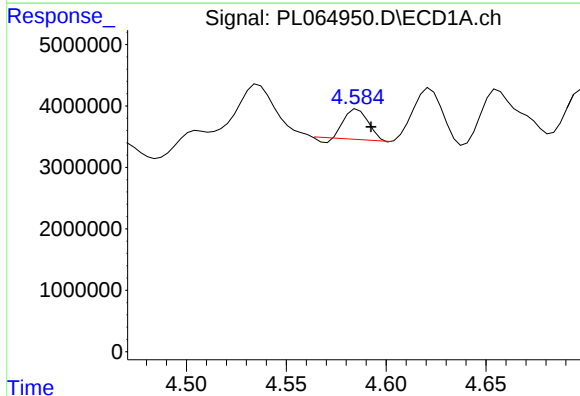
R.T.: 4.698 min  
Delta R.T.: 0.017 min  
Response: 8090118  
Conc: 2.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMPOSITE-01(TP2-TP1)



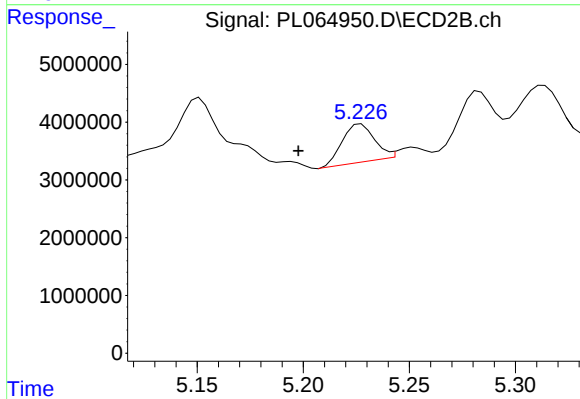
#5 Aldrin

R.T.: 5.613 min  
Delta R.T.: -0.005 min  
Response: 12604798  
Conc: 5.14 ng/ml



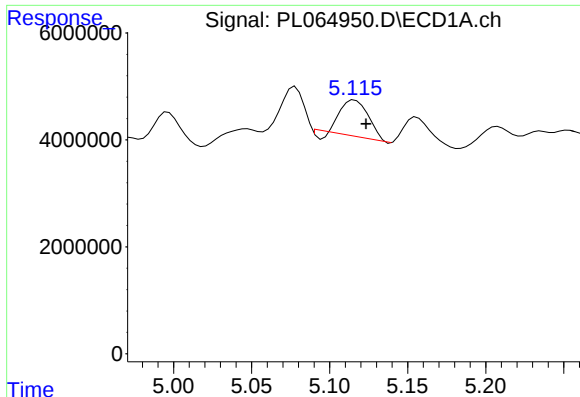
#7 delta-BHC

R.T.: 4.586 min  
Delta R.T.: -0.007 min  
Response: 3932056  
Conc: 0.97 ng/ml



#7 delta-BHC

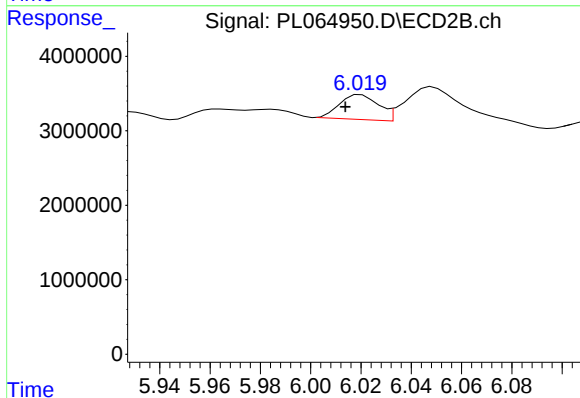
R.T.: 5.227 min  
Delta R.T.: 0.030 min  
Response: 6935296  
Conc: 2.57 ng/ml



#8 Heptachlor epoxide

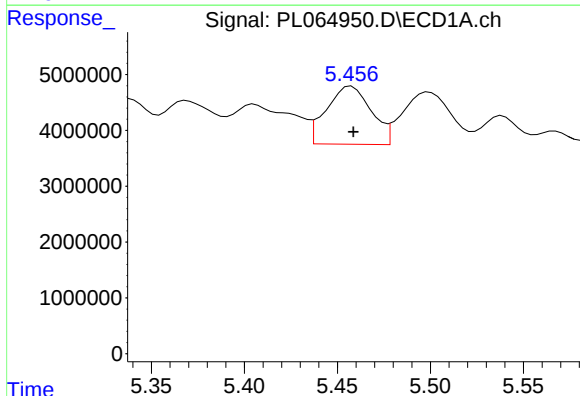
R.T.: 5.116 min  
Delta R.T.: -0.007 min  
Response: 8056454  
Conc: 2.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMPOSITE-01(TP2-TP1)



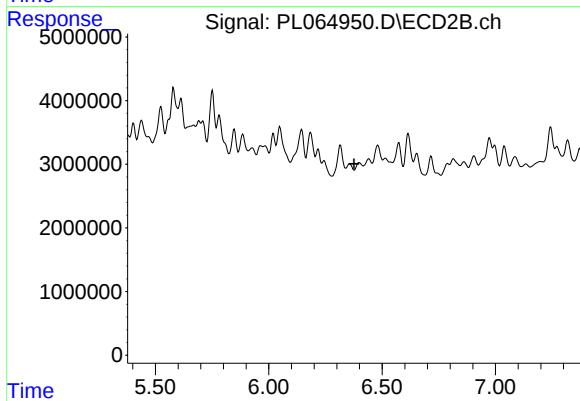
#8 Heptachlor epoxide

R.T.: 6.020 min  
Delta R.T.: 0.006 min  
Response: 3570475  
Conc: 1.62 ng/ml



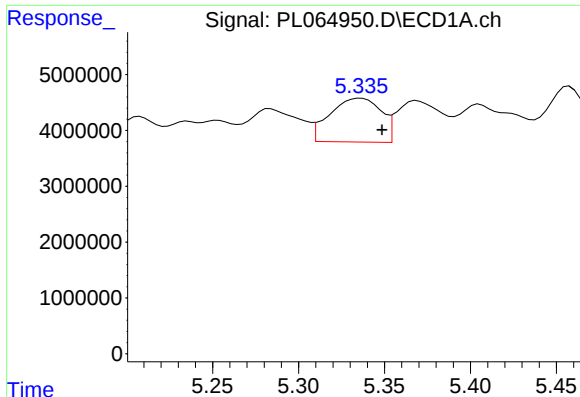
#9 Endosulfan I

R.T.: 5.457 min  
Delta R.T.: -0.001 min  
Response: 17401458  
Conc: 5.43 ng/ml



#9 Endosulfan I

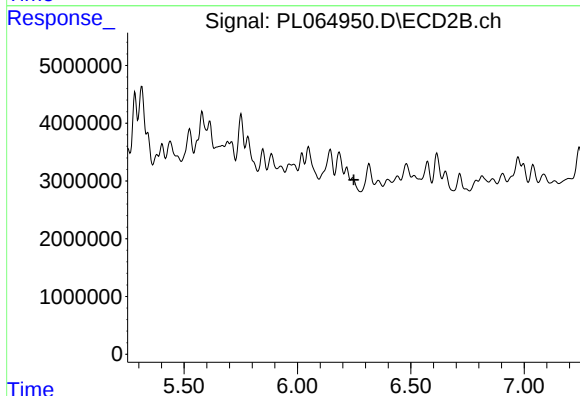
R.T.: 0.000 min  
Exp R.T.: 6.376 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

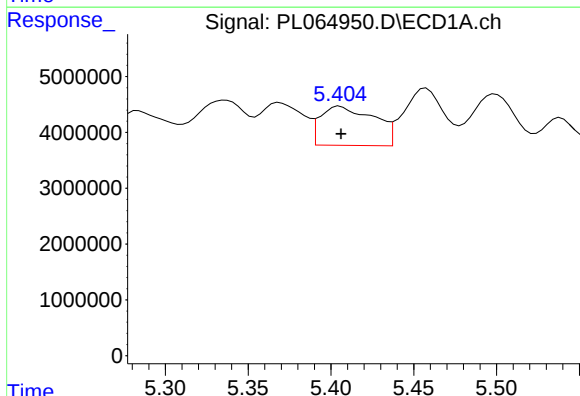
R.T.: 5.336 min  
Delta R.T.: -0.012 min  
Response: 16223536  
Conc: 4.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMPOSITE-01(TP2-TP1)



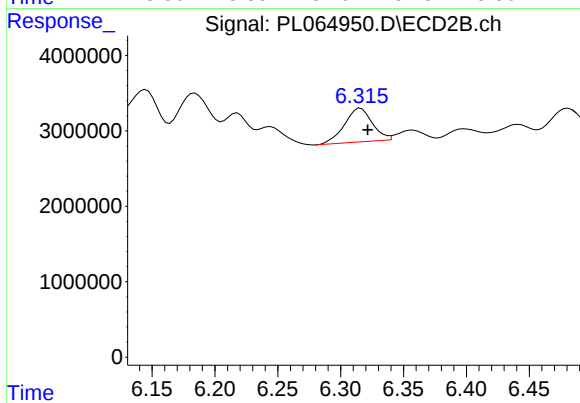
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.249 min  
Response: 0  
Conc: N.D.



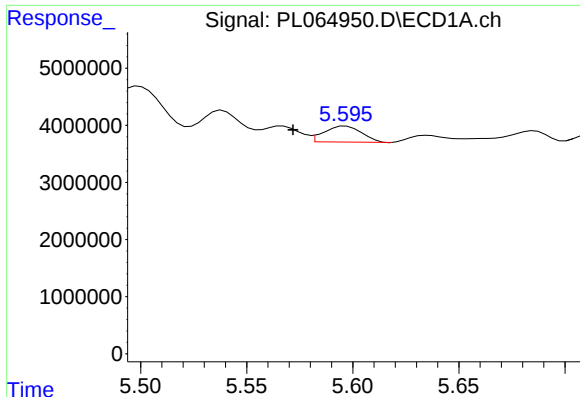
#11 alpha-Chlordane

R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 15808861  
Conc: 4.56 ng/ml



#11 alpha-Chlordane

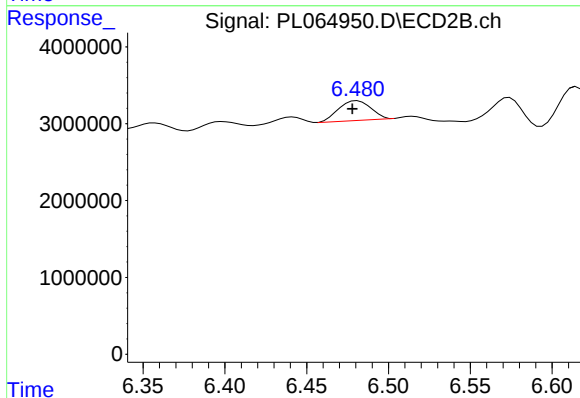
R.T.: 6.316 min  
Delta R.T.: -0.006 min  
Response: 6858450  
Conc: 2.98 ng/ml



#12 4,4'-DDE

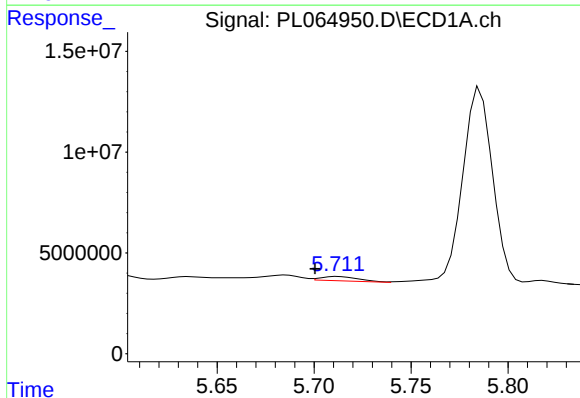
R.T.: 5.597 min  
Delta R.T.: 0.025 min  
Response: 3454166  
Conc: 1.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMPOSITE-01(TP2-TP1)



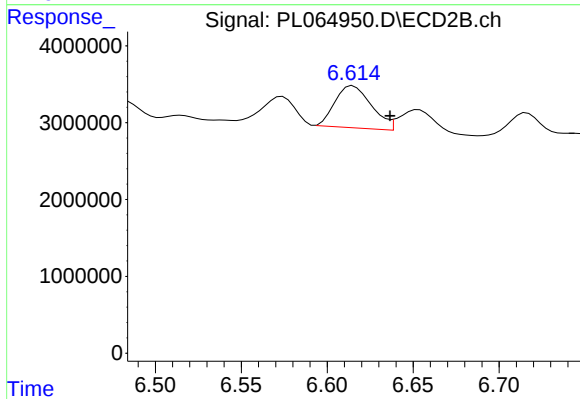
#12 4,4'-DDE

R.T.: 6.481 min  
Delta R.T.: 0.003 min  
Response: 3520330  
Conc: 1.74 ng/ml



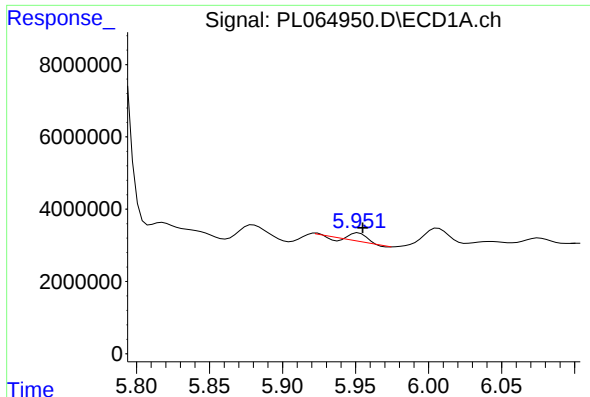
#13 Dieldrin

R.T.: 5.712 min  
Delta R.T.: 0.012 min  
Response: 2826769  
Conc: 0.86 ng/ml



#13 Dieldrin

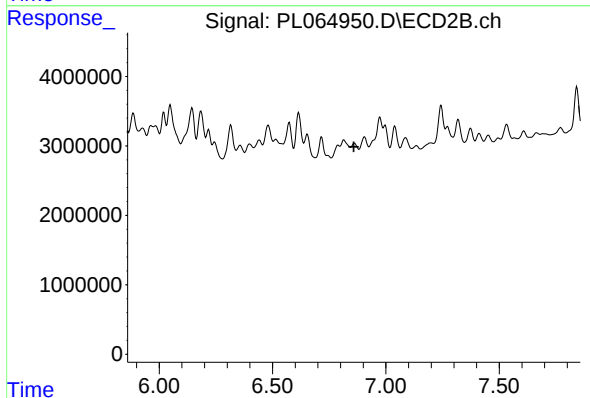
R.T.: 6.615 min  
Delta R.T.: -0.021 min  
Response: 8098791  
Conc: 3.79 ng/ml



#14 Endrin

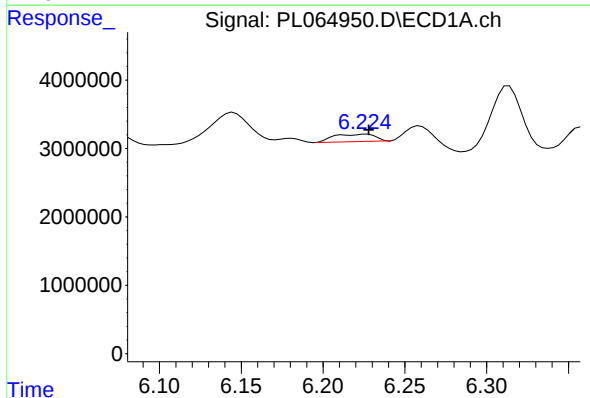
R.T.: 5.952 min  
Delta R.T.: -0.003 min  
Response: 1620128  
Conc: 0.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMPOSITE-01(TP2-TP1)



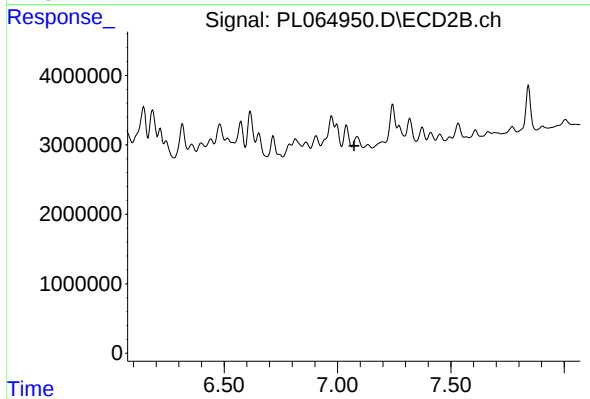
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.858 min  
Response: 0  
Conc: N.D.



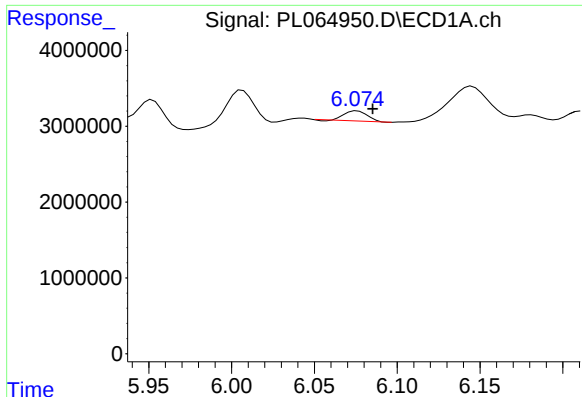
#15 Endosulfan II

R.T.: 6.227 min  
Delta R.T.: -0.001 min  
Response: 1903776  
Conc: 0.66 ng/ml



#15 Endosulfan II

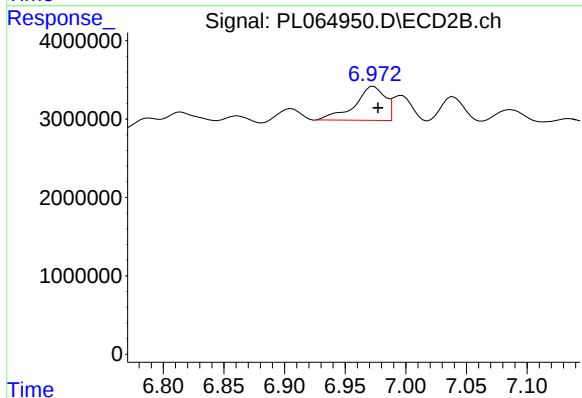
R.T.: 0.000 min  
Exp R.T. : 7.073 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

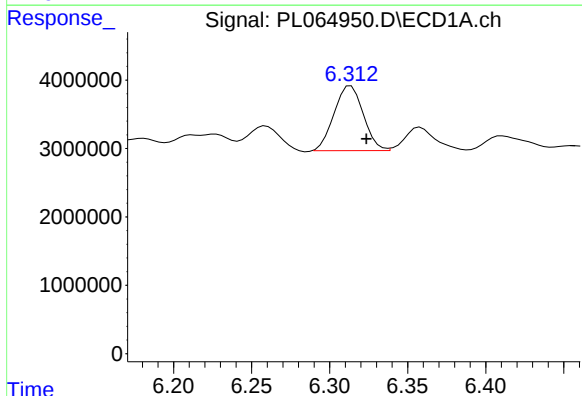
R.T.: 6.076 min  
Delta R.T.: -0.009 min  
Response: 1275991  
Conc: 0.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMPOSITE-01(TP2-TP1)



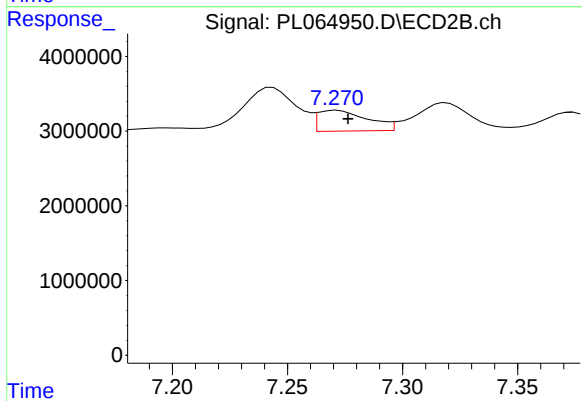
#16 4,4'-DDD

R.T.: 6.974 min  
Delta R.T.: -0.004 min  
Response: 7487096  
Conc: 4.32 ng/ml



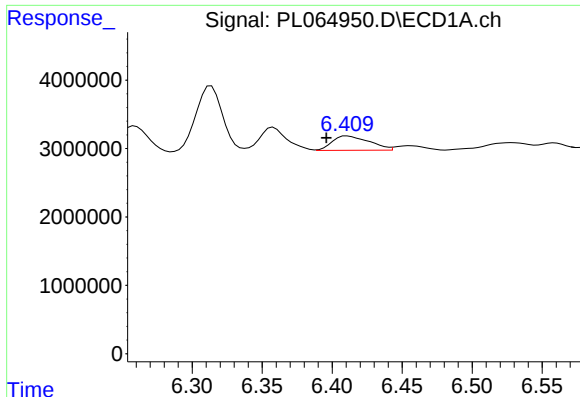
#17 4,4'-DDT

R.T.: 6.314 min  
Delta R.T.: -0.010 min  
Response: 12336812  
Conc: 5.47 ng/ml



#17 4,4'-DDT

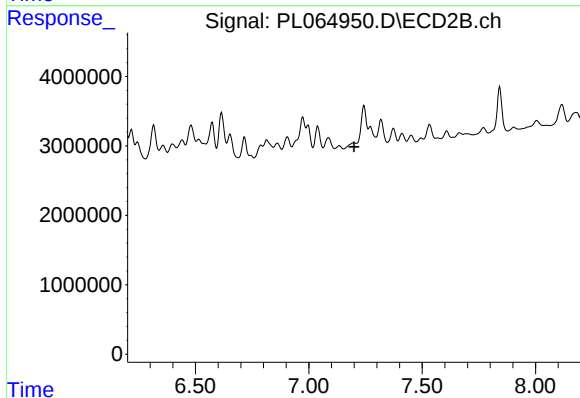
R.T.: 7.272 min  
Delta R.T.: -0.005 min  
Response: 4175770  
Conc: 2.74 ng/ml



#18 Endrin aldehyde

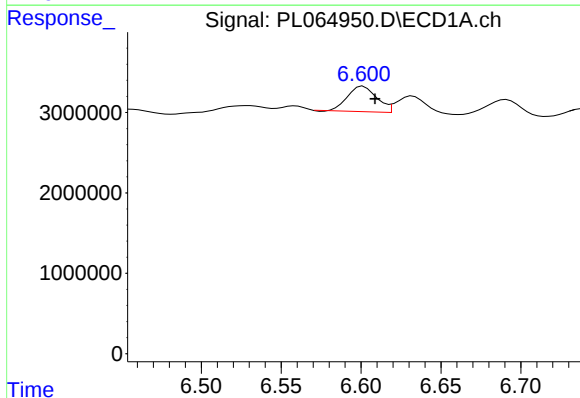
R.T.: 6.411 min  
Delta R.T.: 0.015 min  
Response: 3884049  
Conc: 1.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMPOSITE-01(TP2-TP1)



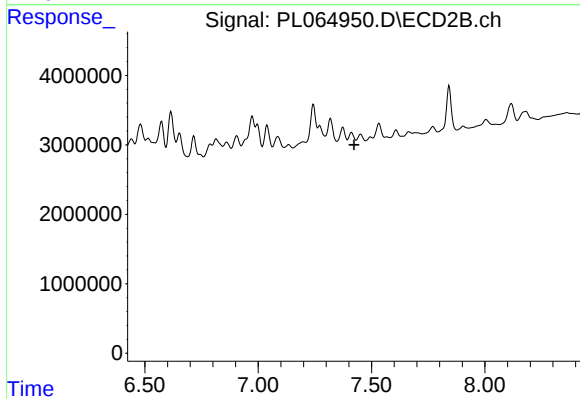
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 7.200 min  
Response: 0  
Conc: N.D.



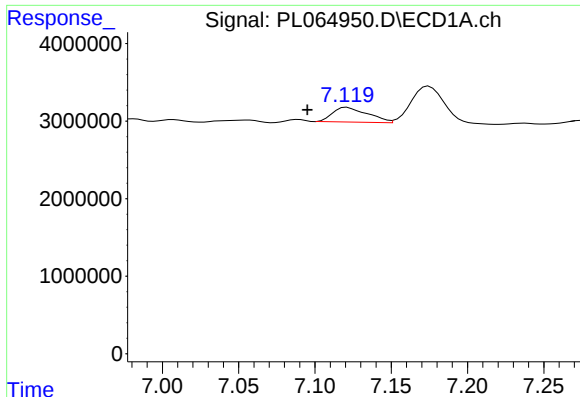
#19 Endosulfan Sulfate

R.T.: 6.601 min  
Delta R.T.: -0.007 min  
Response: 3993704  
Conc: 1.41 ng/ml



#19 Endosulfan Sulfate

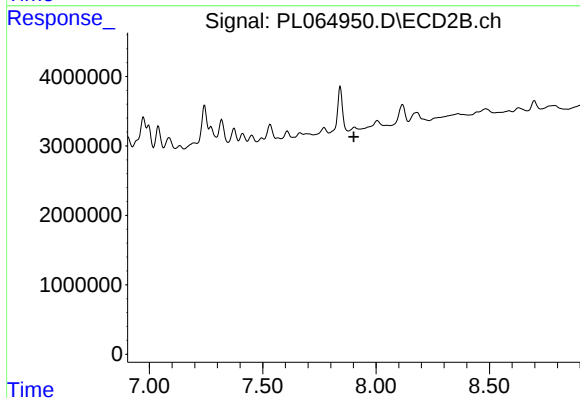
R.T.: 0.000 min  
Exp R.T. : 7.424 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

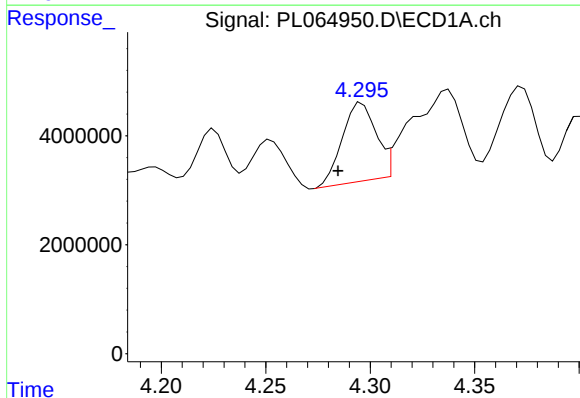
R.T.: 7.121 min  
Delta R.T.: 0.026 min  
Response: 3035639  
Conc: 1.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMPOSITE-01(TP2-TP1)



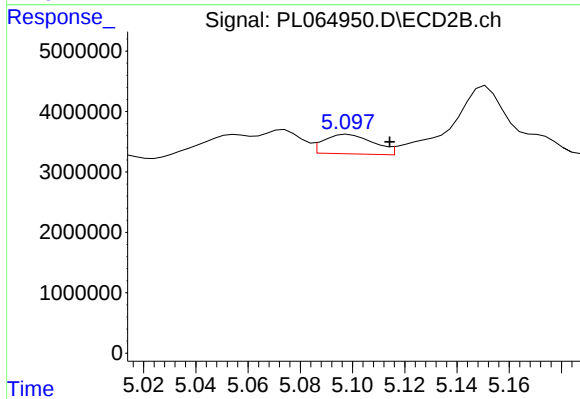
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.902 min  
Response: 0  
Conc: N.D.



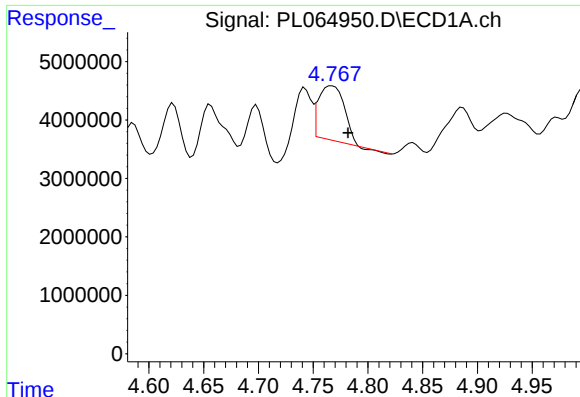
#23 Chlordane-1

R.T.: 4.296 min  
Delta R.T.: 0.011 min  
Response: 16082342  
Conc: 141.47 ng/ml



#23 Chlordane-1

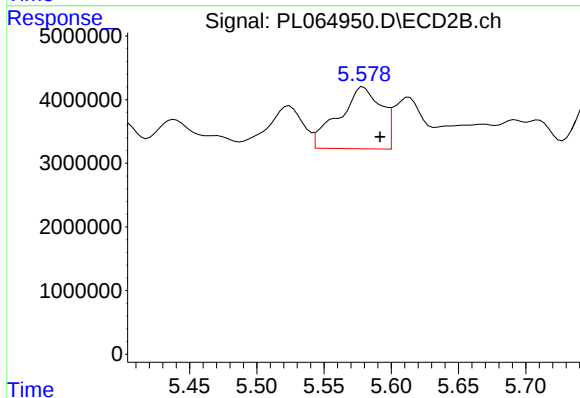
R.T.: 5.098 min  
Delta R.T.: -0.016 min  
Response: 4241064  
Conc: 48.29 ng/ml



#24 Chlordane-2

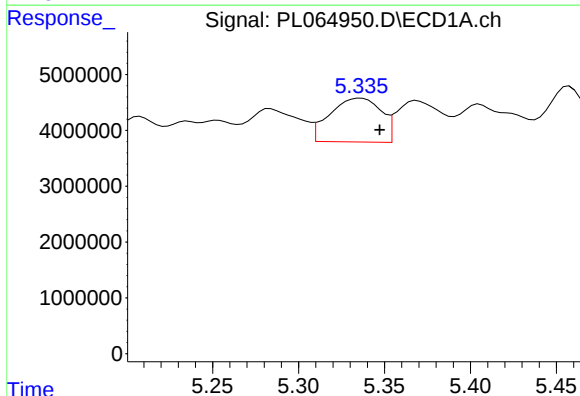
R.T.: 4.767 min  
Delta R.T.: -0.015 min  
Response: 15148334  
Conc: 122.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMPOSITE-01(TP2-TP1)



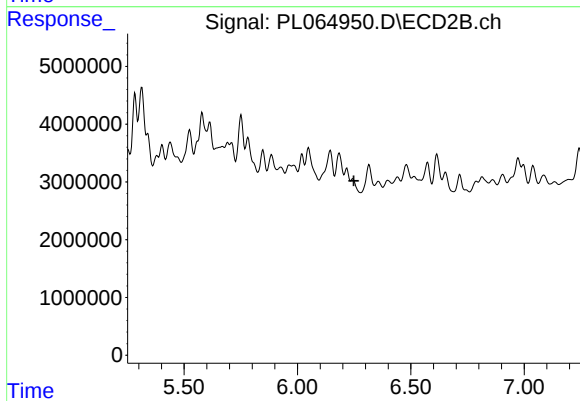
#24 Chlordane-2

R.T.: 5.579 min  
Delta R.T.: -0.012 min  
Response: 21274529  
Conc: 243.99 ng/ml



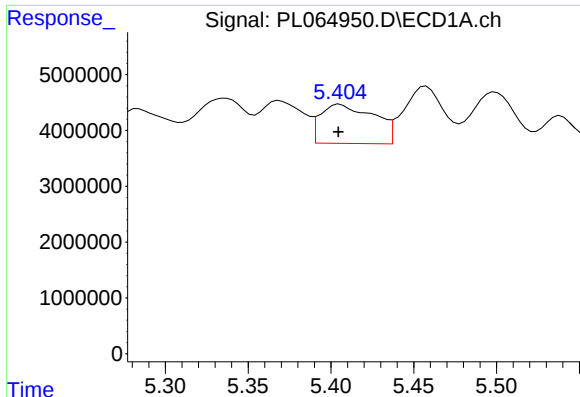
#25 Chlordane-3

R.T.: 5.336 min  
Delta R.T.: -0.011 min  
Response: 16223536  
Conc: 49.37 ng/ml



#25 Chlordane-3

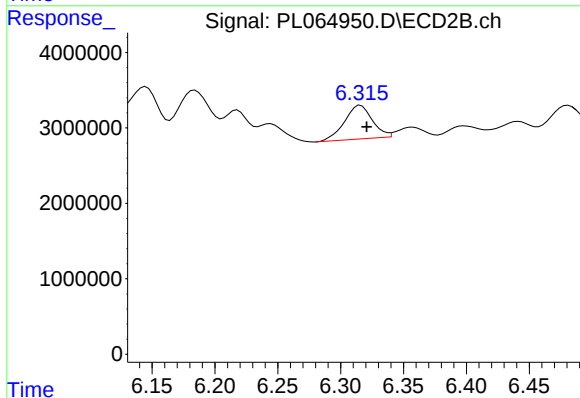
R.T.: 0.000 min  
Exp R.T.: 6.248 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

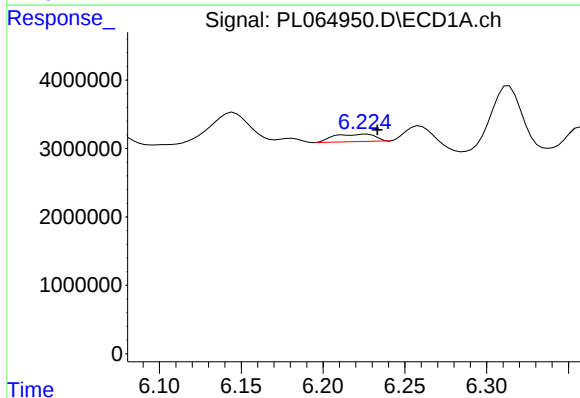
R.T.: 5.405 min  
Delta R.T.: 0.000 min  
Response: 15808861  
Conc: 57.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMPOSITE-01(TP2-TP1)



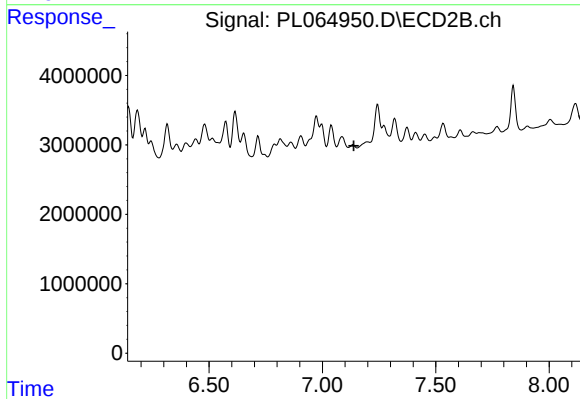
#26 Chlordane-4

R.T.: 6.316 min  
Delta R.T.: -0.005 min  
Response: 6858450  
Conc: 18.51 ng/ml



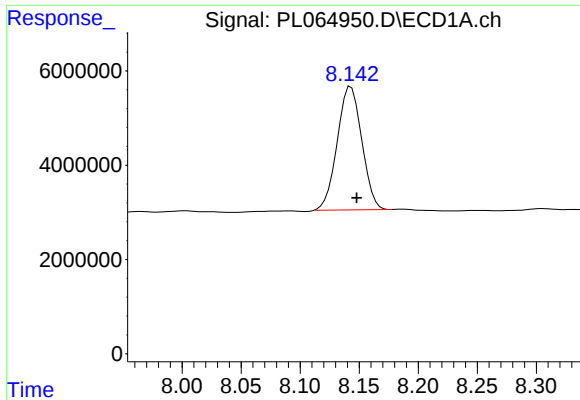
#27 Chlordane-5

R.T.: 6.227 min  
Delta R.T.: -0.007 min  
Response: 1903776  
Conc: 18.82 ng/ml



#27 Chlordane-5

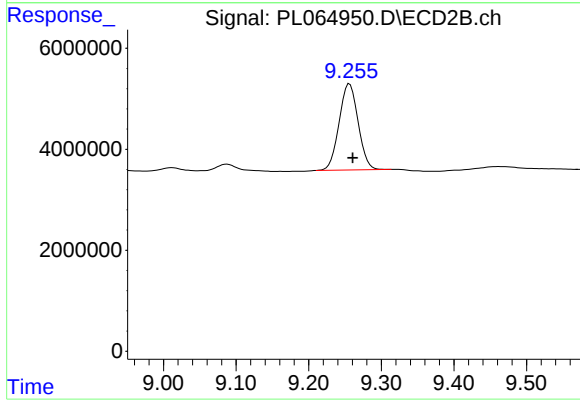
R.T.: 0.000 min  
Exp R.T.: 7.139 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.143 min  
Delta R.T.: -0.005 min  
Response: 37814629  
Conc: 16.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMPOSITE-01(TP2-TP1)



#28 Decachlorobiphenyl

R.T.: 9.256 min  
Delta R.T.: -0.004 min  
Response: 31071154  
Conc: 16.36 ng/ml