

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083019\  
 Data File : PL052030.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Aug 2019 10:35  
 Operator : SG\AJ  
 Sample : K4439-10  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 S-5-(5-7)

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 30 22:44:53 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 2019  
 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... | 3.313  | 3.923  | 181.6E6  | 45807259 | 21.216 | 20.966   |
| 28)                         | SA Decachlor... | 7.971  | 8.949  | 216.8E6  | 54463478 | 17.860 | 17.893   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 3)                          | MA gamma-BHC... | 4.025  | 4.578f | 5828731  | 3344350  | 0.443  | 1.062 #  |
| 4)                          | MA Heptachlor   | 4.289  | 0.000  | 5259832  | 0        | 0.347  | N.D. #   |
| 5)                          | MB Aldrin       | 0.000  | 5.404  | 0        | 337783   | N.D.   | 0.103 #  |
| 6)                          | B beta-BHC      | 4.289f | 4.800f | 5259832  | 1294245  | 0.921  | 0.888    |
| 8)                          | B Heptachlo...  | 0.000  | 5.799  | 0        | 1233508  | N.D.   | 0.366 #  |
| 9)                          | A Endosulfan I  | 5.332f | 0.000  | 11377412 | 0        | 0.846  | N.D. #   |
| 10)                         | B gamma-Chl...  | 0.000  | 6.010  | 0        | 730916   | N.D.   | 0.200 #  |
| 11)                         | B alpha-Chl...  | 5.261  | 6.065f | 11099162 | 472474   | 0.767  | 0.137 #  |
| 13)                         | MA Dieldrin     | 5.553  | 0.000  | 37984716 | 0        | 2.498  | N.D. #   |
| 15)                         | B Endosulfa...  | 6.079  | 6.839  | 2217279  | 7914520  | 0.159  | 2.401 #  |
| 16)                         | A 4,4'-DDD      | 5.944  | 6.738  | 7309015  | 6444211  | 0.597  | 2.380 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.054  | 0        | 2192767  | N.D.   | 0.749 #  |
| 18)                         | B Endrin al...  | 6.215f | 6.949  | 4534112  | 2928283  | 0.390  | 1.036 #  |
| 19)                         | B Endosulfa...  | 0.000  | 7.177  | 0        | 405956   | N.D.   | 0.131 #  |
| 21)                         | B Endrin ke...  | 0.000  | 7.637  | 0        | 2282199  | N.D.   | 0.713 #  |
| 22)                         | Mirex           | 7.106  | 8.103  | 4477296  | 2837504  | 0.423  | 1.166 #  |
| 23)                         | Chlordane-1     | 0.000  | 4.906  | 0        | 1653756  | N.D.   | 18.236 # |
| 24)                         | Chlordane-2     | 0.000  | 5.404f | 0        | 337783   | N.D.   | 3.365 #  |
| 25)                         | Chlordane-3     | 0.000  | 6.010  | 0        | 730916   | N.D.   | 1.641 #  |
| 26)                         | Chlordane-4     | 5.261  | 0.000  | 11099162 | 0        | 9.102  | N.D. #   |
| 27)                         | Chlordane-5     | 6.079  | 6.913  | 2217279  | 5238131  | 4.518  | 53.134 # |
| -----                       |                 |        |        |          |          |        |          |

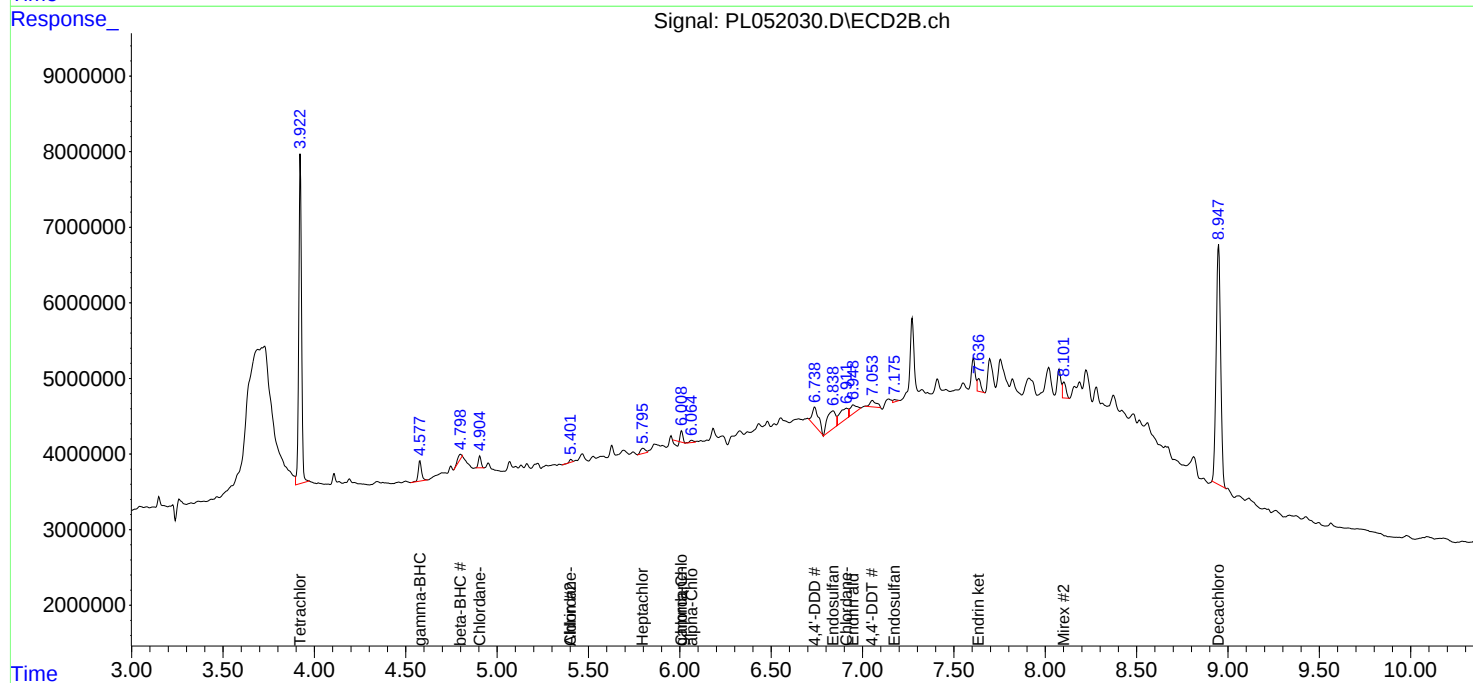
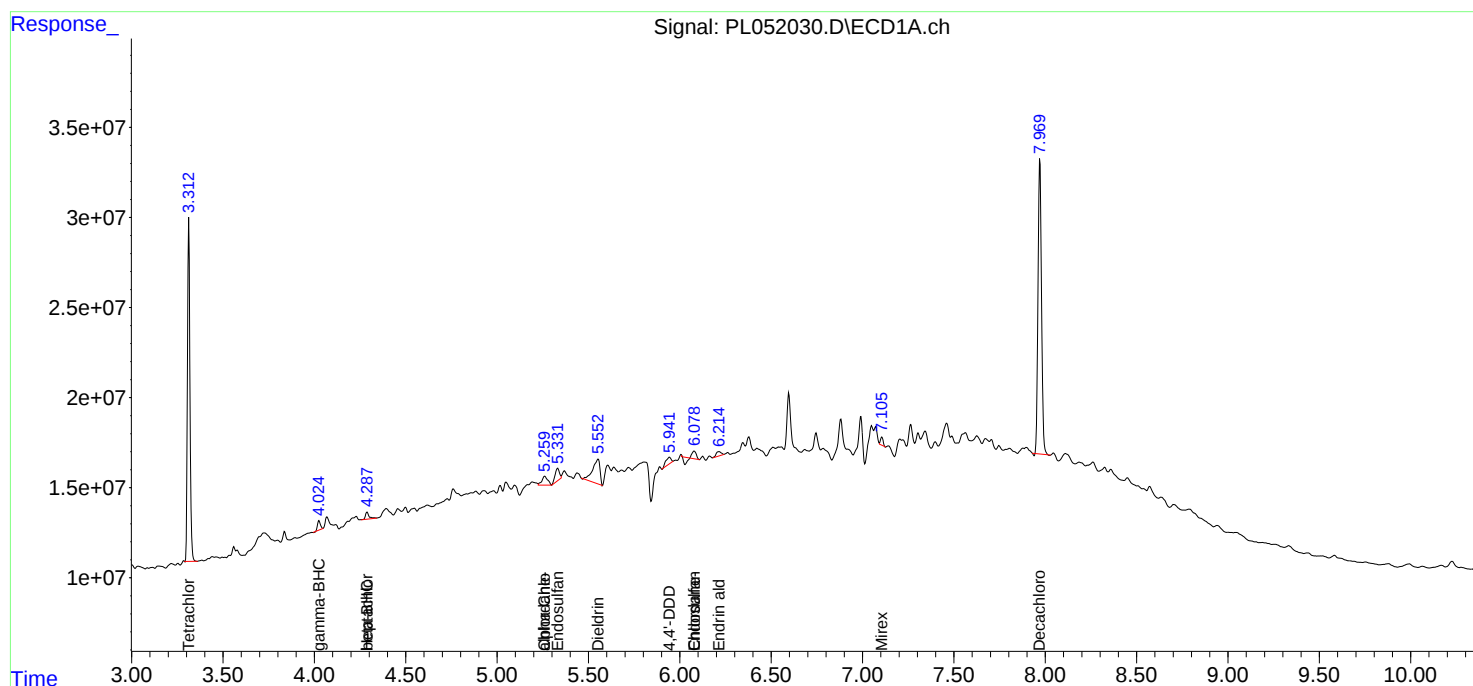
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

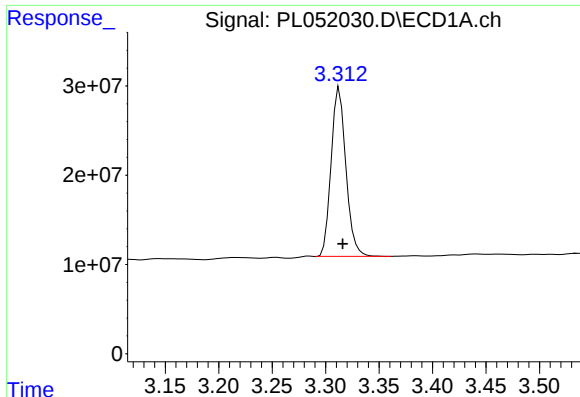
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083019\  
Data File : PL052030.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Aug 2019 10:35  
Operator : SG\AJ  
Sample : K4439-10  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
S-5-(5-7)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 30 22:44:53 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 2019  
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

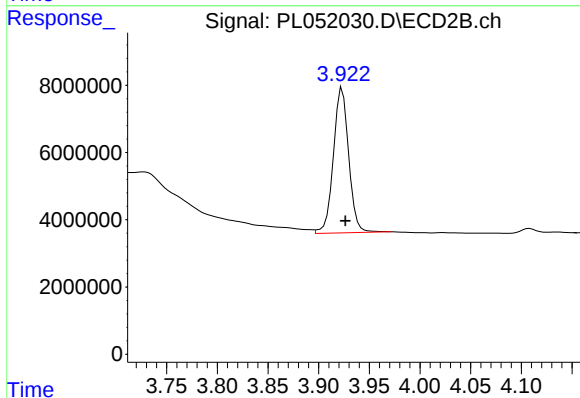




#1 Tetrachloro-m-xylene

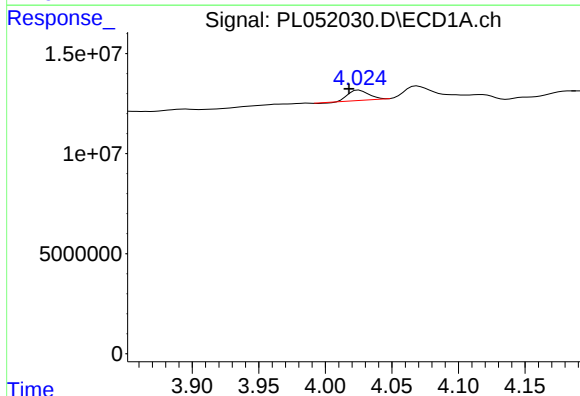
R.T.: 3.313 min  
Delta R.T.: -0.003 min  
Response: 181576199  
Conc: 21.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)



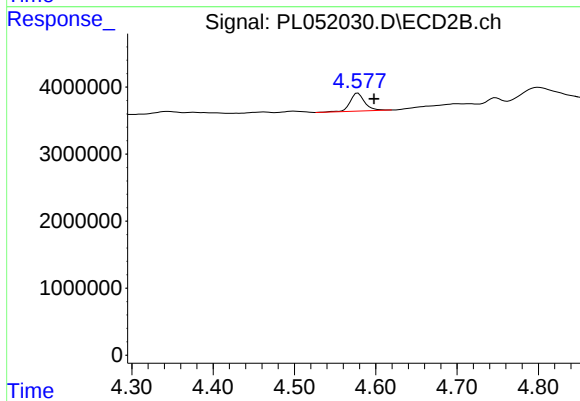
#1 Tetrachloro-m-xylene

R.T.: 3.923 min  
Delta R.T.: -0.003 min  
Response: 45807259  
Conc: 20.97 ng/ml



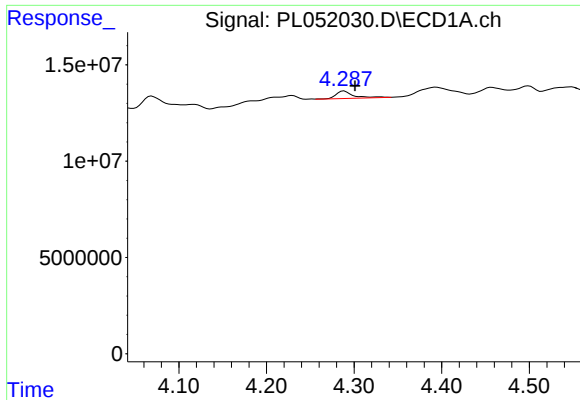
#3 gamma-BHC (Lindane)

R.T.: 4.025 min  
Delta R.T.: 0.007 min  
Response: 5828731  
Conc: 0.44 ng/ml



#3 gamma-BHC (Lindane)

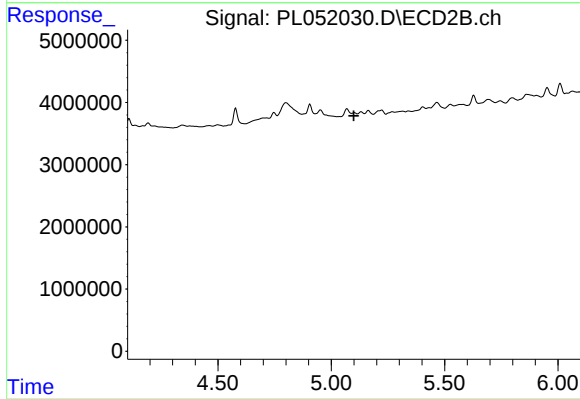
R.T.: 4.578 min  
Delta R.T.: -0.020 min  
Response: 3344350  
Conc: 1.06 ng/ml



#4 Heptachlor

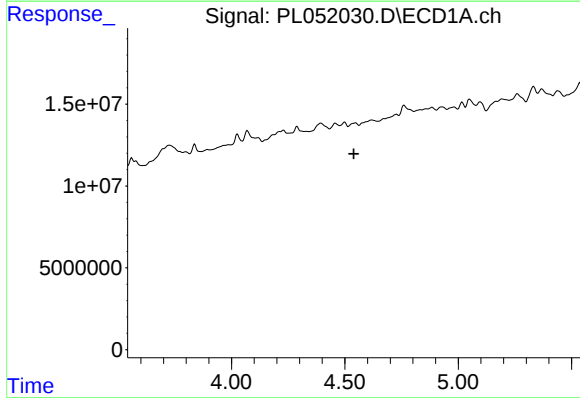
R.T.: 4.289 min  
Delta R.T.: -0.012 min  
Response: 5259832  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)



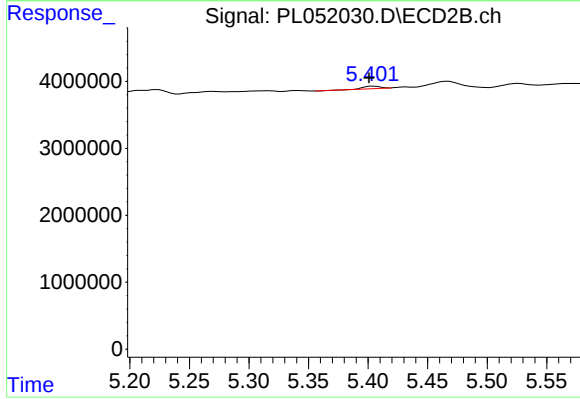
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 5.099 min  
Response: 0  
Conc: N.D.



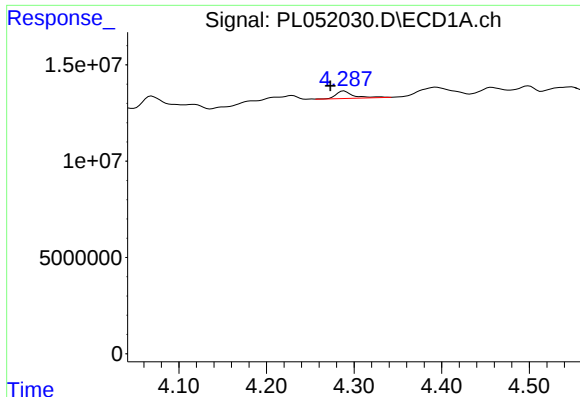
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 4.539 min  
Response: 0  
Conc: N.D.



#5 Aldrin

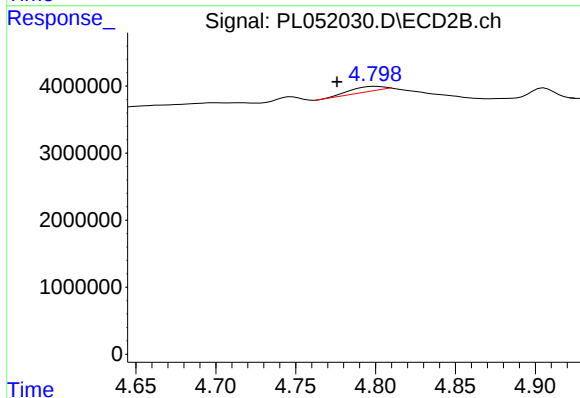
R.T.: 5.404 min  
Delta R.T.: 0.003 min  
Response: 337783  
Conc: 0.10 ng/ml



#6 beta-BHC

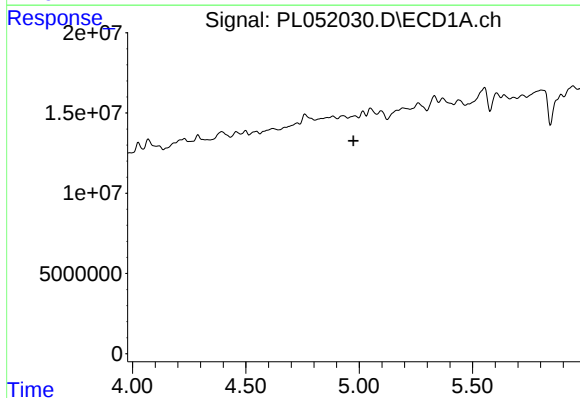
R.T.: 4.289 min  
Delta R.T.: 0.016 min  
Response: 5259832  
Conc: 0.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)



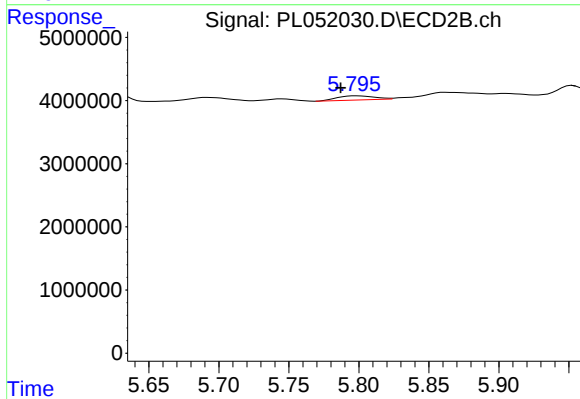
#6 beta-BHC

R.T.: 4.800 min  
Delta R.T.: 0.024 min  
Response: 1294245  
Conc: 0.89 ng/ml



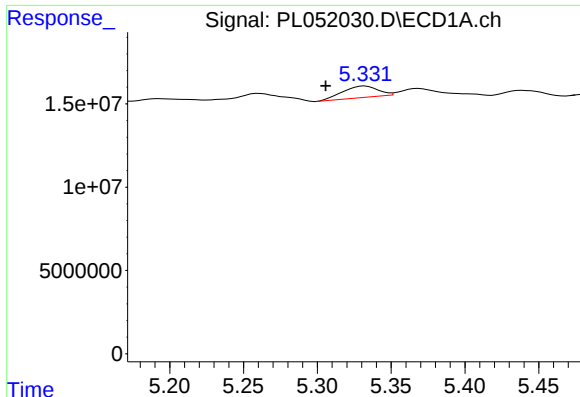
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.975 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

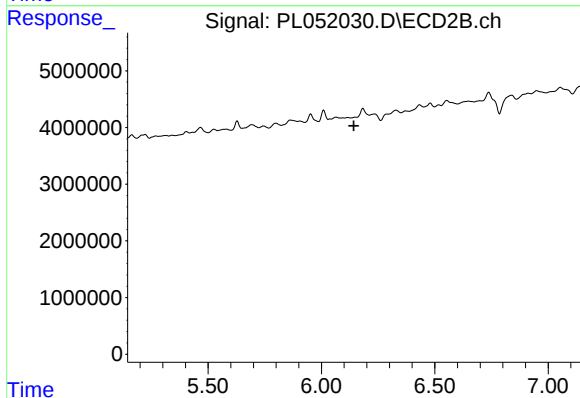
R.T.: 5.799 min  
Delta R.T.: 0.012 min  
Response: 1233508  
Conc: 0.37 ng/ml



#9 Endosulfan I

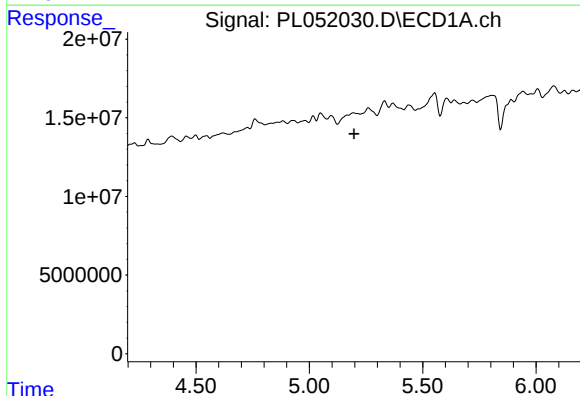
R.T.: 5.332 min  
Delta R.T.: 0.026 min  
Response: 11377412  
Conc: 0.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)



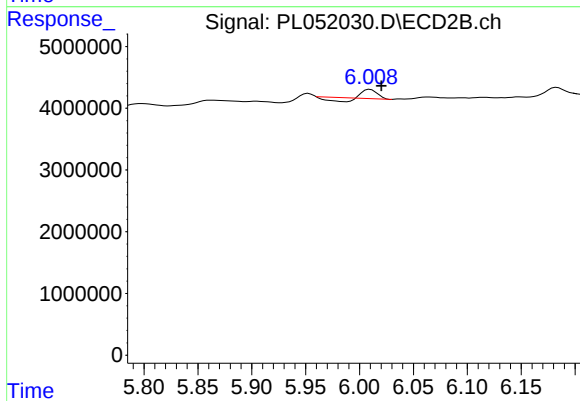
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.143 min  
Response: 0  
Conc: N.D.



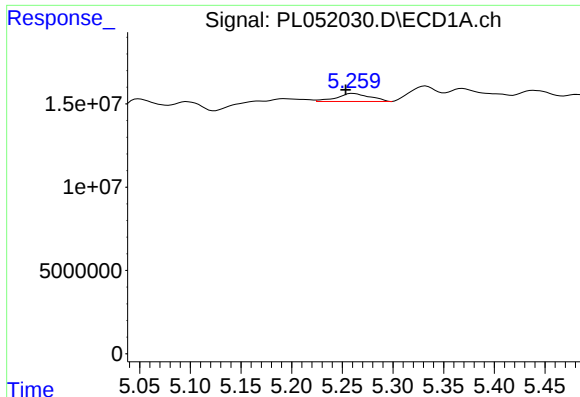
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.197 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

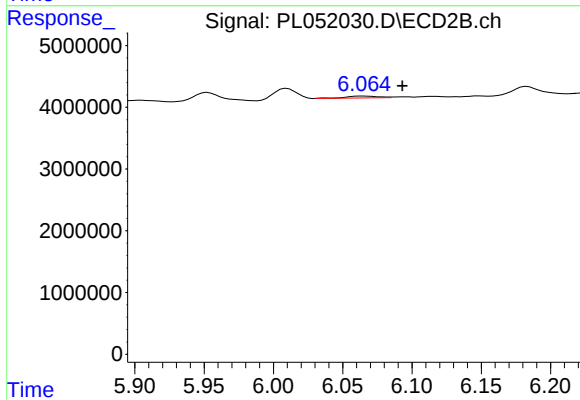
R.T.: 6.010 min  
Delta R.T.: -0.010 min  
Response: 730916  
Conc: 0.20 ng/ml



#11 alpha-Chlordane

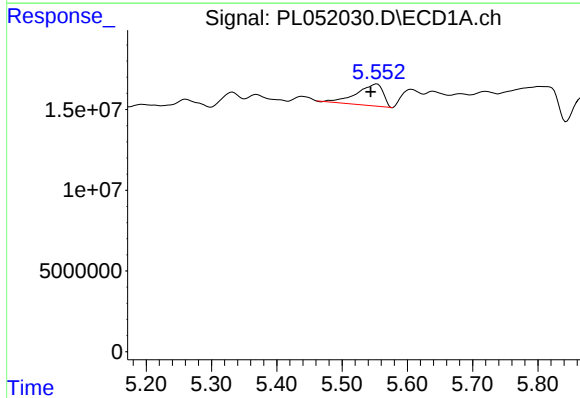
R.T.: 5.261 min  
Delta R.T.: 0.007 min  
Response: 11099162  
Conc: 0.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)



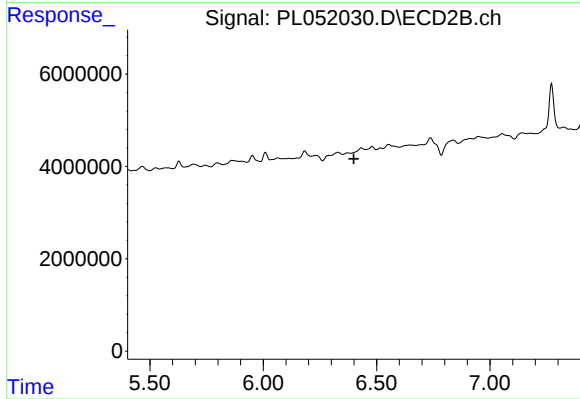
#11 alpha-Chlordane

R.T.: 6.065 min  
Delta R.T.: -0.028 min  
Response: 472474  
Conc: 0.14 ng/ml



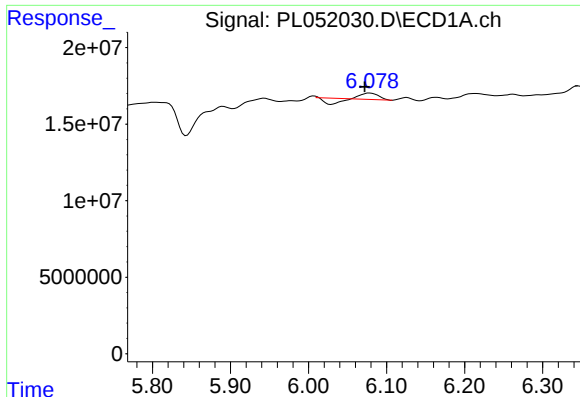
#13 Dieldrin

R.T.: 5.553 min  
Delta R.T.: 0.009 min  
Response: 37984716  
Conc: 2.50 ng/ml



#13 Dieldrin

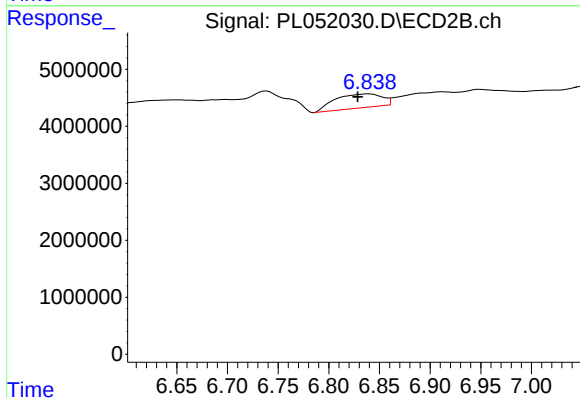
R.T.: 0.000 min  
Exp R.T.: 6.399 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

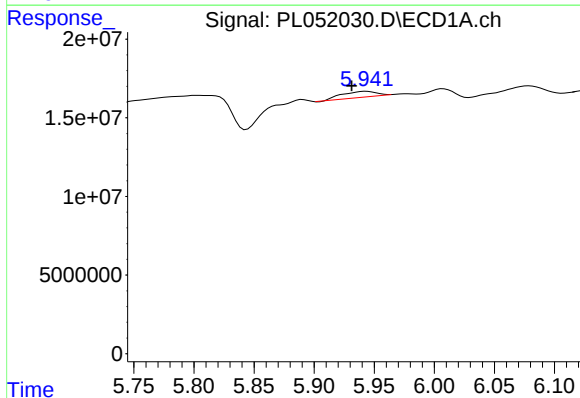
R.T.: 6.079 min  
Delta R.T.: 0.007 min  
Response: 2217279  
Conc: 0.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)



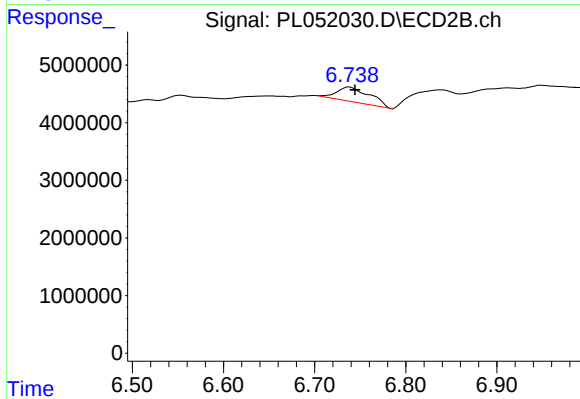
#15 Endosulfan II

R.T.: 6.839 min  
Delta R.T.: 0.010 min  
Response: 7914520  
Conc: 2.40 ng/ml



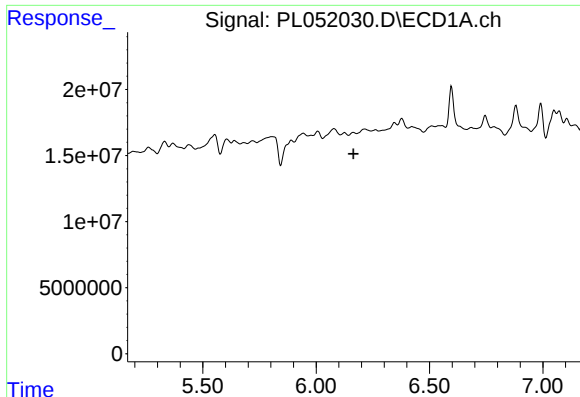
#16 4,4'-DDD

R.T.: 5.944 min  
Delta R.T.: 0.012 min  
Response: 7309015  
Conc: 0.60 ng/ml



#16 4,4'-DDD

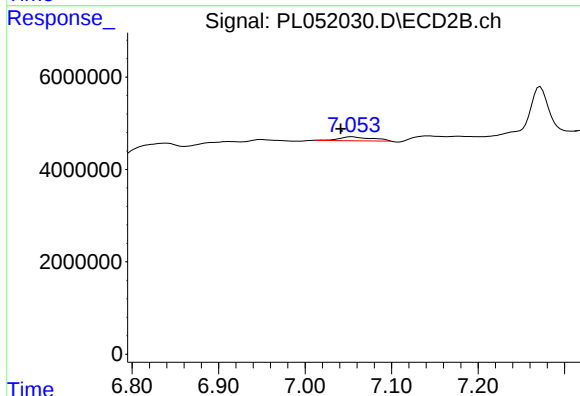
R.T.: 6.738 min  
Delta R.T.: -0.006 min  
Response: 6444211  
Conc: 2.38 ng/ml



#17 4,4'-DDT

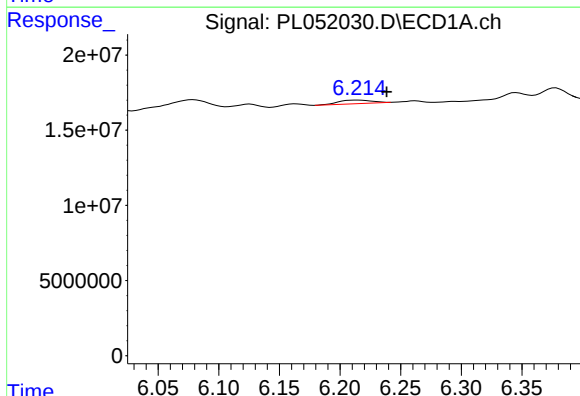
R.T.: 0.000 min  
Exp R.T.: 6.165 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)



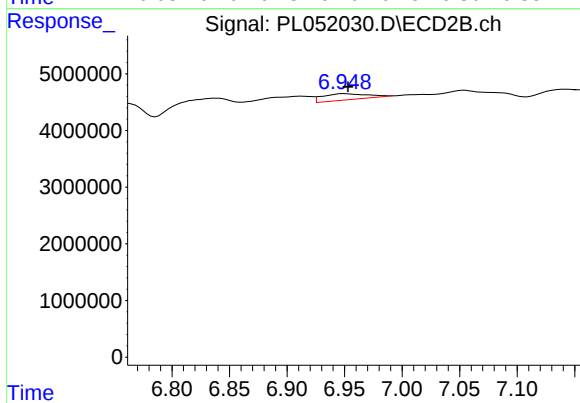
#17 4,4'-DDT

R.T.: 7.054 min  
Delta R.T.: 0.013 min  
Response: 2192767  
Conc: 0.75 ng/ml



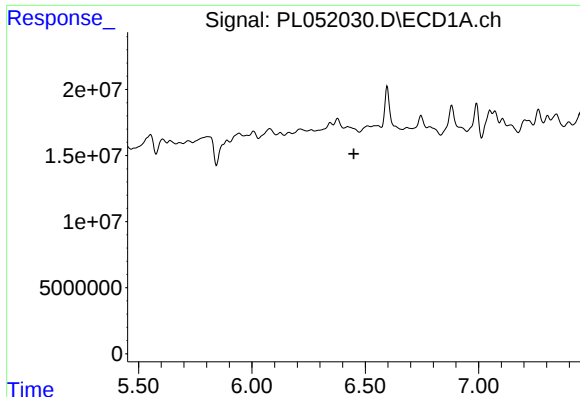
#18 Endrin aldehyde

R.T.: 6.215 min  
Delta R.T.: -0.024 min  
Response: 4534112  
Conc: 0.39 ng/ml



#18 Endrin aldehyde

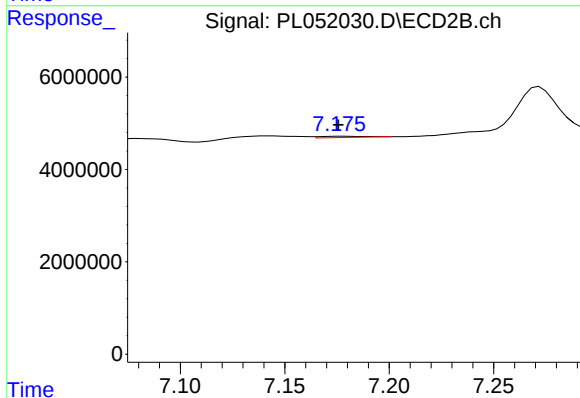
R.T.: 6.949 min  
Delta R.T.: -0.004 min  
Response: 2928283  
Conc: 1.04 ng/ml



#19 Endosulfan Sulfate

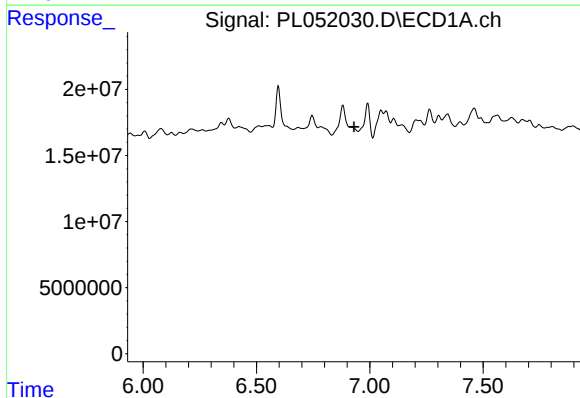
R.T.: 0.000 min  
Exp R.T.: 6.449 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)



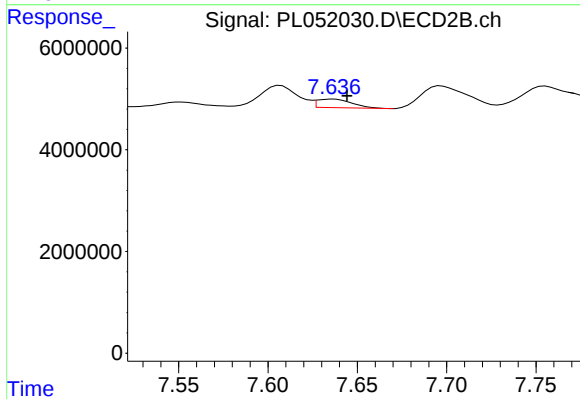
#19 Endosulfan Sulfate

R.T.: 7.177 min  
Delta R.T.: 0.002 min  
Response: 405956  
Conc: 0.13 ng/ml



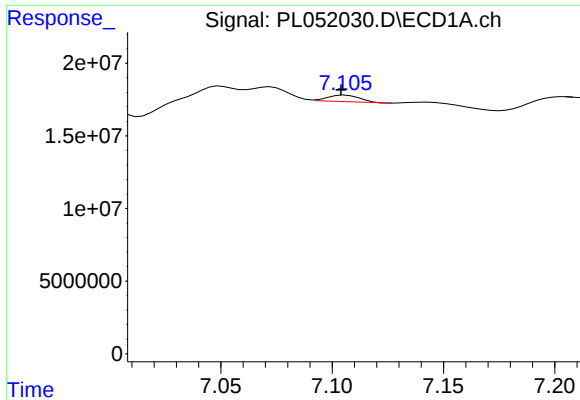
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T.: 6.931 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

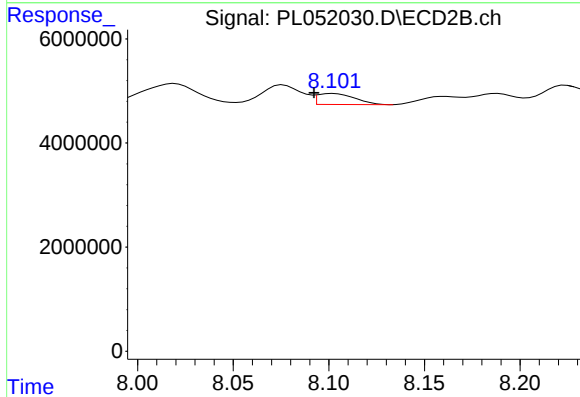
R.T.: 7.637 min  
Delta R.T.: -0.007 min  
Response: 2282199  
Conc: 0.71 ng/ml



#22 Mirex

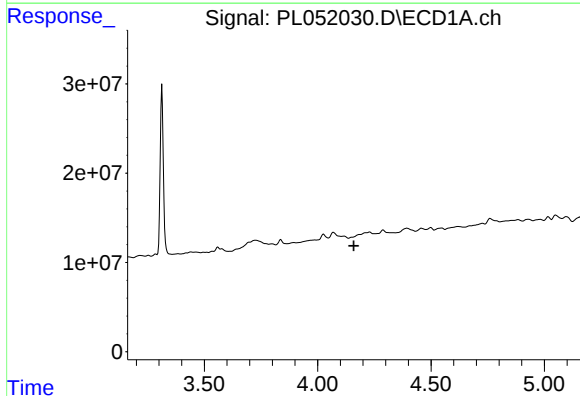
R.T.: 7.106 min  
Delta R.T.: 0.002 min  
Response: 4477296  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)



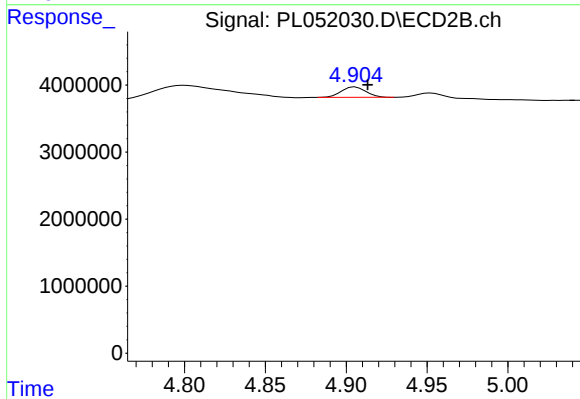
#22 Mirex

R.T.: 8.103 min  
Delta R.T.: 0.010 min  
Response: 2837504  
Conc: 1.17 ng/ml



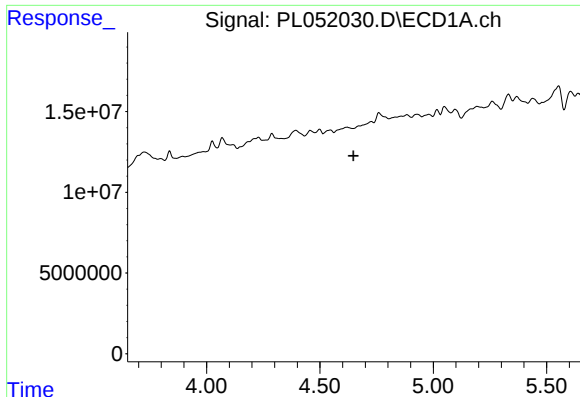
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.159 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

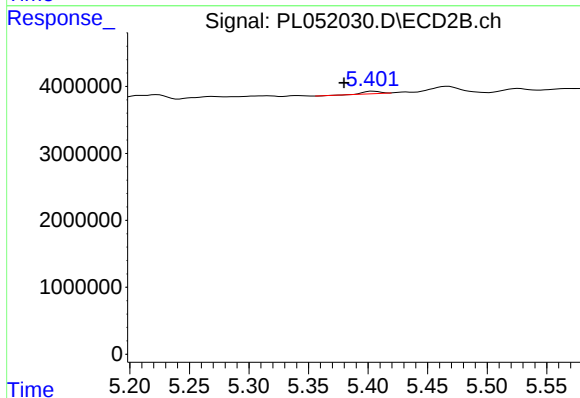
R.T.: 4.906 min  
Delta R.T.: -0.008 min  
Response: 1653756  
Conc: 18.24 ng/ml



#24 Chlordane-2

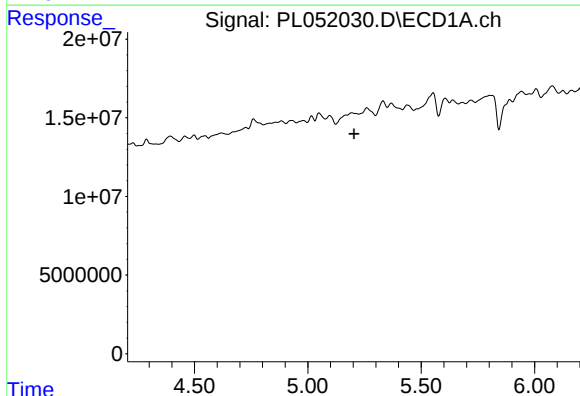
R.T.: 0.000 min  
Exp R.T.: 4.649 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)



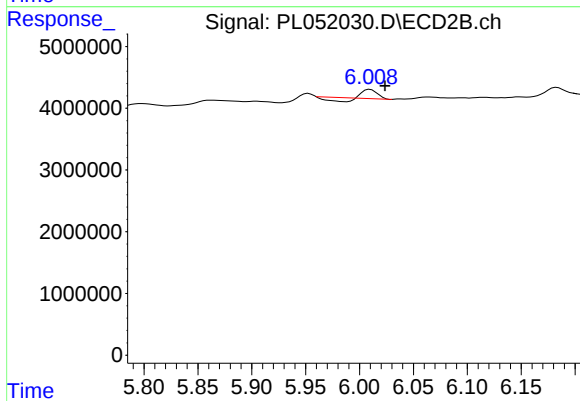
#24 Chlordane-2

R.T.: 5.404 min  
Delta R.T.: 0.024 min  
Response: 337783  
Conc: 3.37 ng/ml



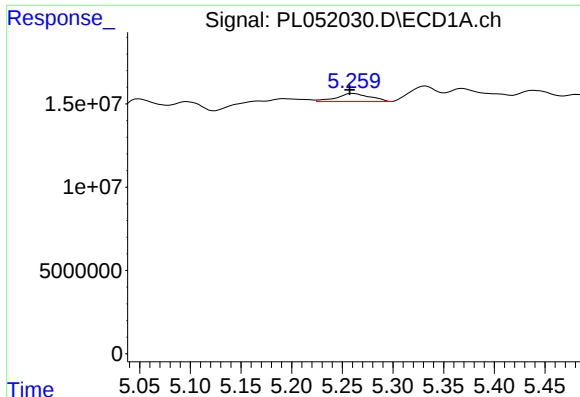
#25 Chlordane-3

R.T.: 0.000 min  
Exp R.T.: 5.204 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

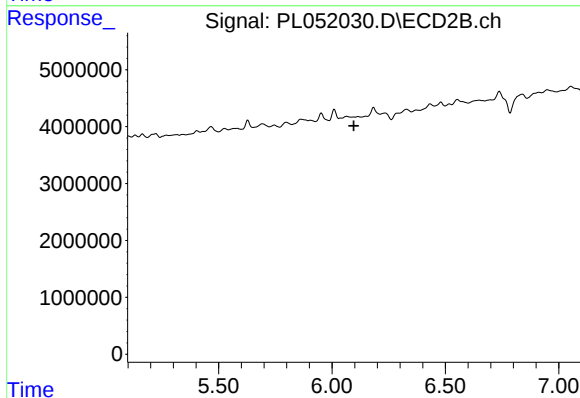
R.T.: 6.010 min  
Delta R.T.: -0.014 min  
Response: 730916  
Conc: 1.64 ng/ml



#26 Chlordane-4

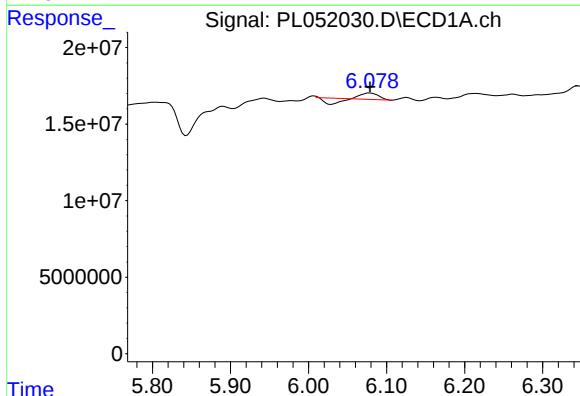
R.T.: 5.261 min  
Delta R.T.: 0.003 min  
Response: 11099162  
Conc: 9.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)



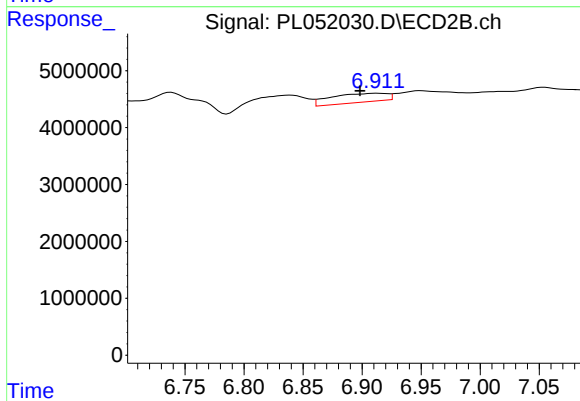
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T. : 6.096 min  
Response: 0  
Conc: N.D.



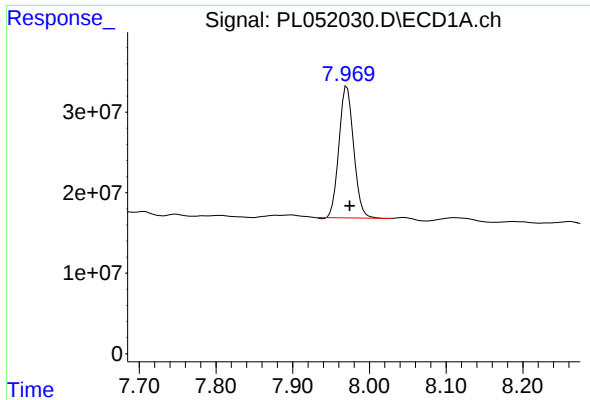
#27 Chlordane-5

R.T.: 6.079 min  
Delta R.T.: 0.000 min  
Response: 2217279  
Conc: 4.52 ng/ml



#27 Chlordane-5

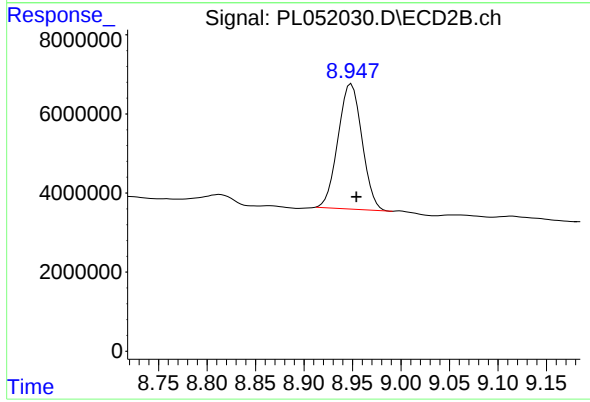
R.T.: 6.913 min  
Delta R.T.: 0.014 min  
Response: 5238131  
Conc: 53.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.971 min  
Delta R.T.: -0.004 min  
Response: 216786484  
Conc: 17.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
S-5-(5-7)



#28 Decachlorobiphenyl

R.T.: 8.949 min  
Delta R.T.: -0.005 min  
Response: 54463478  
Conc: 17.89 ng/ml