

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071018\  
 Data File : PL037839.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jul 2018 15:56  
 Operator : AJ\SJ  
 Sample : J3914-07  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

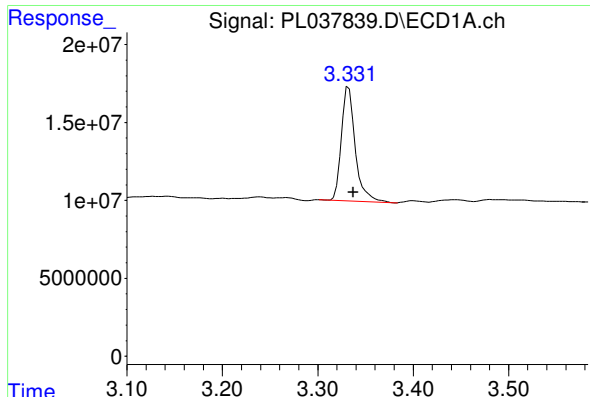
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 11 07:05:50 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|---------|------------|
| -----                       |                 |        |        |          |          |         |            |
| System Monitoring Compounds |                 |        |        |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.333  | 3.935  | 73704998 | 28220805 | 9.318   | 10.200     |
| 28)                         | SA Decachlor... | 8.011  | 8.948  | 106.2E6  | 41471138 | 17.608  | 20.903     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 3)                          | MA gamma-BHC... | 4.094f | 4.566f | 2622833  | 5195814  | 0.254   | 1.504 #    |
| 4)                          | MA Heptachlor   | 4.298  | 5.126  | 213.8E6  | 7854441  | 20.871  | 2.272 #    |
| 5)                          | MB Aldrin       | 4.575  | 5.399  | 342.0E6  | 311.5E6  | 33.599  | 99.287 #   |
| 6)                          | B beta-BHC      | 4.298  | 0.000  | 213.8E6  | 0        | 46.884  | N.D. #     |
| 7)                          | B delta-BHC     | 4.495  | 4.977  | 1357.5E6 | 73377941 | 128.320 | 26.018 #   |
| 8)                          | B Heptachlo...  | 5.006  | 5.778  | 1155.4E6 | 7347653  | 123.351 | 2.578 #    |
| 9)                          | A Endosulfan I  | 5.364  | 6.128  | 21108020 | 40482596 | 2.495   | 15.784 #   |
| 10)                         | B gamma-Chl...  | 5.244  | 6.020  | 73358792 | 17621058 | 7.832   | 6.257      |
| 11)                         | B alpha-Chl...  | 5.281  | 6.096  | 85155201 | 46395357 | 9.377   | 16.119 #   |
| 12)                         | B 4,4'-DDE      | 5.451  | 6.249  | 430.2E6  | 141.4E6  | 48.709  | 55.566     |
| 13)                         | MA Dieldrin     | 5.574  | 6.373  | 25301327 | 25865172 | 2.858   | 9.690 #    |
| 15)                         | B Endosulfa...  | 6.089  | 0.000  | 7831954  | 0        | 1.065   | N.D. #     |
| 16)                         | A 4,4'-DDD      | 5.963  | 6.739  | 21112057 | 18308399 | 3.215   | 8.919 #    |
| 17)                         | MA 4,4'-DDT     | 6.195  | 7.030  | 74342253 | 13704344 | 11.515  | 6.470 #    |
| 18)                         | B Endrin al...  | 6.286  | 7.007f | 15668315 | 6988926  | 2.806   | 3.473      |
| 19)                         | B Endosulfa...  | 6.501  | 0.000  | 83311444 | 0        | 12.453  | N.D. #     |
| 20)                         | A Methoxychlor  | 6.807f | 7.500  | 2011921  | 18456769 | 0.592   | 16.489 #   |
| 21)                         | B Endrin ke...  | 6.991  | 7.601  | 28061732 | 10732956 | 3.946   | 5.288 #    |
| 23)                         | Chlordane-1     | 4.177  | 4.918  | 20219669 | 8615468  | 65.851  | 71.699     |
| 24)                         | Chlordane-2     | 4.683  | 5.399  | 132.1E6  | 311.5E6  | 370.996 | 2461.338 # |
| 25)                         | Chlordane-3     | 5.244  | 6.020  | 73358792 | 17621058 | 69.016  | 45.057 #   |
| 26)                         | Chlordane-4     | 5.281  | 6.096  | 85155201 | 46395357 | 88.380  | 96.820     |
| -----                       |                 |        |        |          |          |         |            |

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

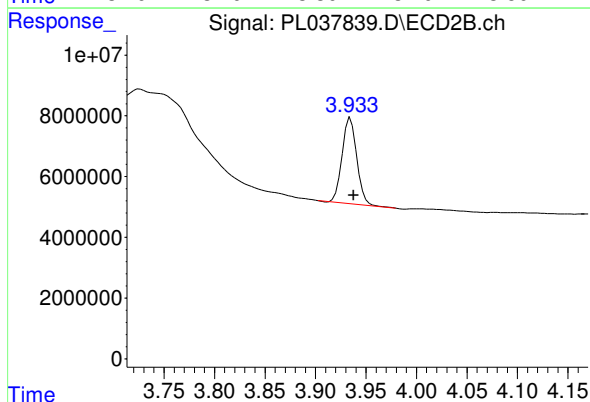




#1 Tetrachloro-m-xylene

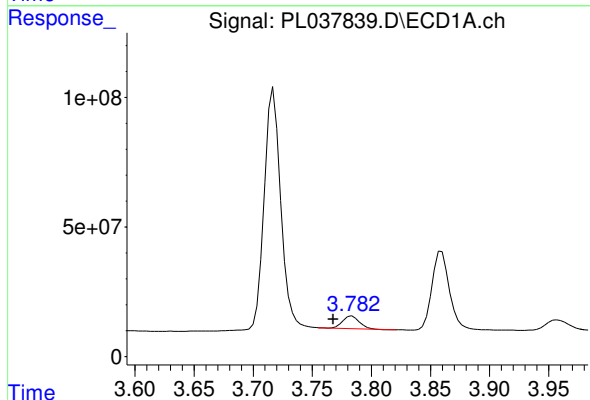
R.T.: 3.333 min  
Delta R.T.: -0.004 min  
Response: 73704998  
Conc: 9.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



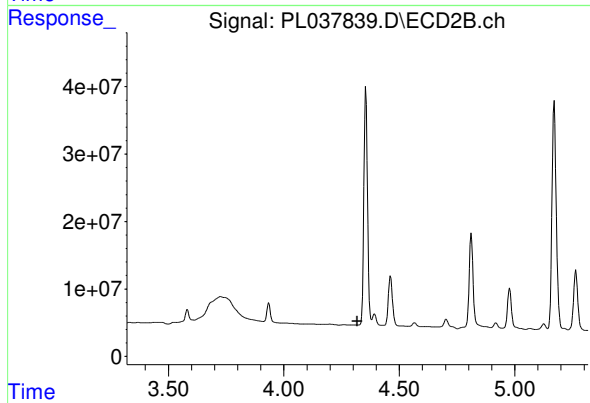
#1 Tetrachloro-m-xylene

R.T.: 3.935 min  
Delta R.T.: -0.003 min  
Response: 28220805  
Conc: 10.20 ng/ml



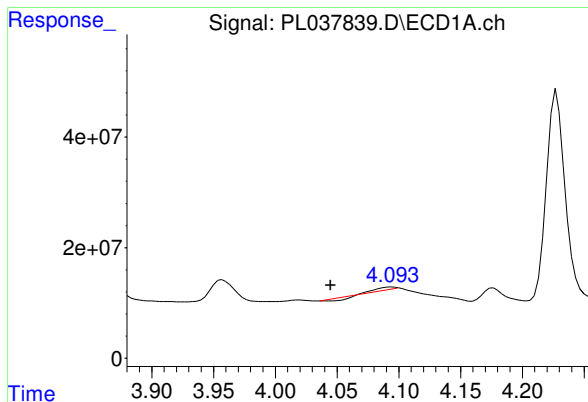
#2 alpha-BHC

R.T.: 3.784 min  
Delta R.T.: 0.016 min  
Response: 46895212  
Conc: 3.83 ng/ml



#2 alpha-BHC

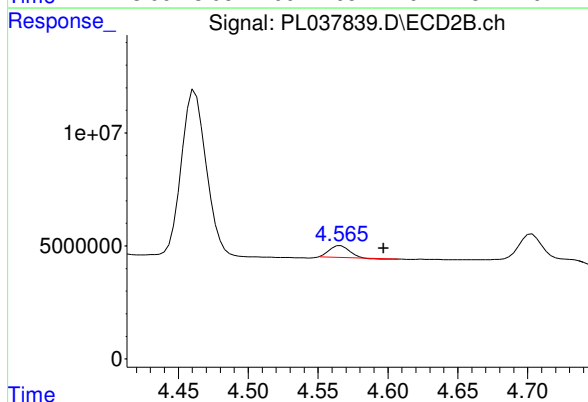
R.T.: 4.355 min  
Delta R.T.: 0.038 min  
Response: -205361577  
Conc: N.D.



#3 gamma-BHC (Lindane)

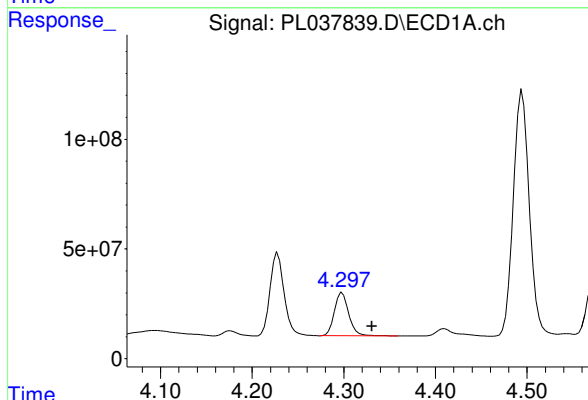
R.T.: 4.094 min  
Delta R.T.: 0.049 min  
Response: 2622833  
Conc: 0.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



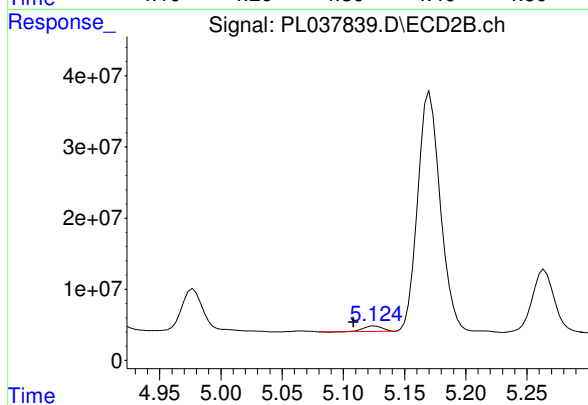
#3 gamma-BHC (Lindane)

R.T.: 4.566 min  
Delta R.T.: -0.031 min  
Response: 5195814  
Conc: 1.50 ng/ml



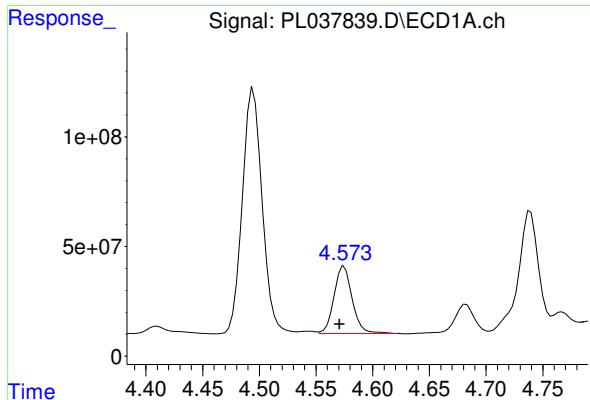
#4 Heptachlor

R.T.: 4.298 min  
Delta R.T.: -0.032 min  
Response: 213834463  
Conc: 20.87 ng/ml



#4 Heptachlor

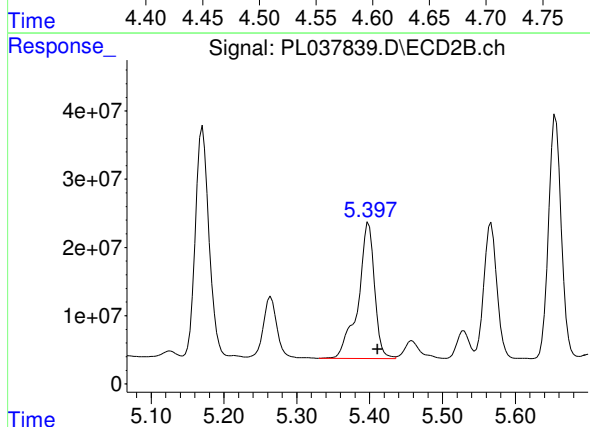
R.T.: 5.126 min  
Delta R.T.: 0.018 min  
Response: 7854441  
Conc: 2.27 ng/ml



#5 Aldrin

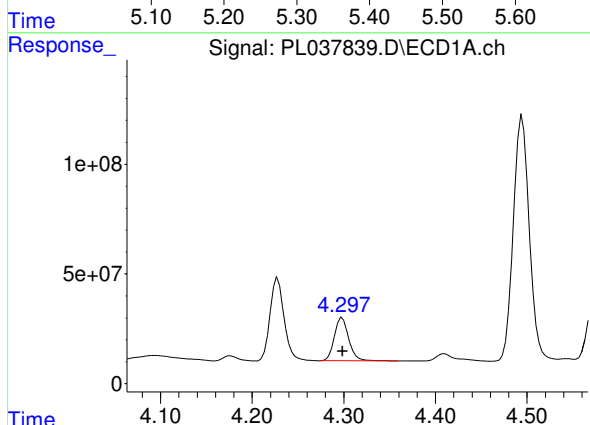
R.T.: 4.575 min  
Delta R.T.: 0.004 min  
Response: 341992833  
Conc: 33.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



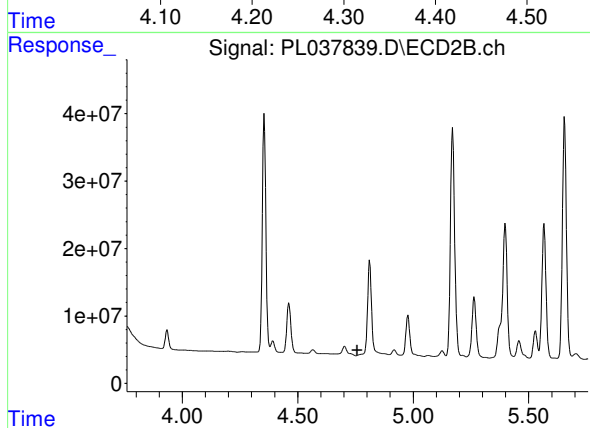
#5 Aldrin

R.T.: 5.399 min  
Delta R.T.: -0.012 min  
Response: 311484086  
Conc: 99.29 ng/ml



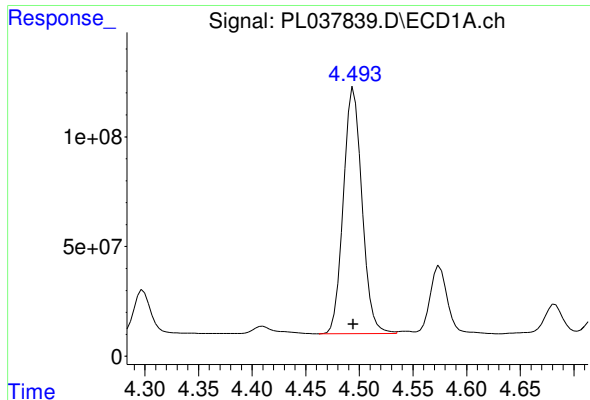
#6 beta-BHC

R.T.: 4.298 min  
Delta R.T.: 0.000 min  
Response: 213834463  
Conc: 46.88 ng/ml



#6 beta-BHC

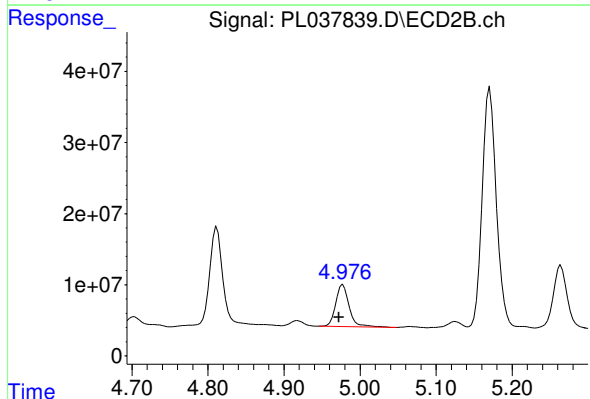
R.T.: 0.000 min  
Exp R.T.: 4.758 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

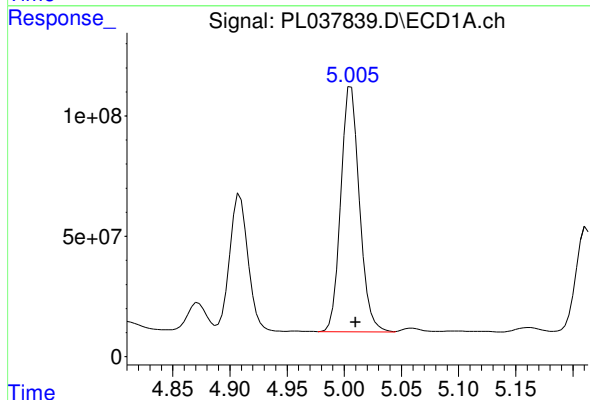
R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 1357495713  
Conc: 128.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



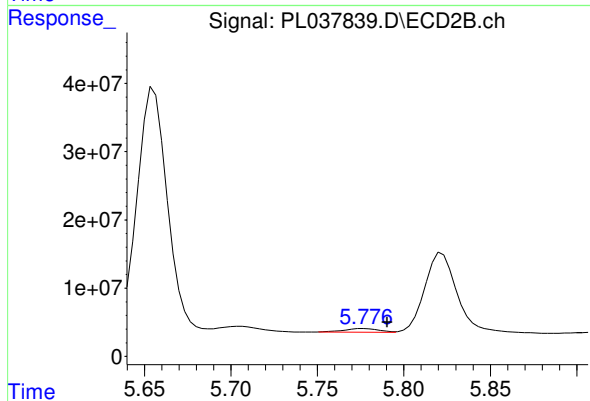
#7 delta-BHC

R.T.: 4.977 min  
Delta R.T.: 0.005 min  
Response: 73377941  
Conc: 26.02 ng/ml



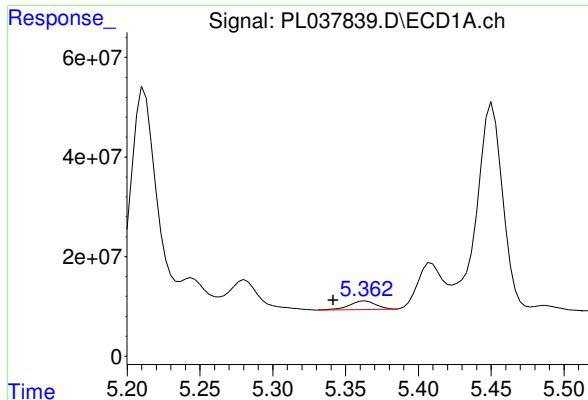
#8 Heptachlor epoxide

R.T.: 5.006 min  
Delta R.T.: -0.004 min  
Response: 1155422233  
Conc: 123.35 ng/ml



#8 Heptachlor epoxide

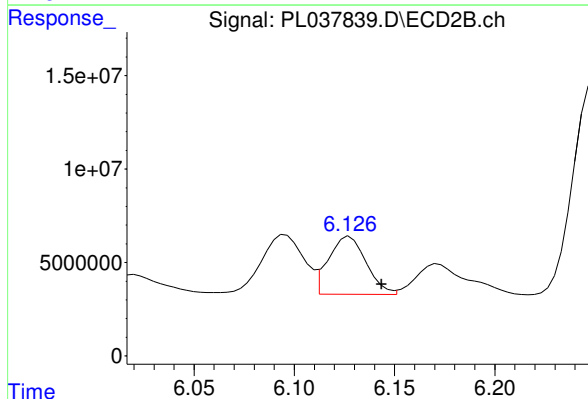
R.T.: 5.778 min  
Delta R.T.: -0.013 min  
Response: 7347653  
Conc: 2.58 ng/ml



#9 Endosulfan I

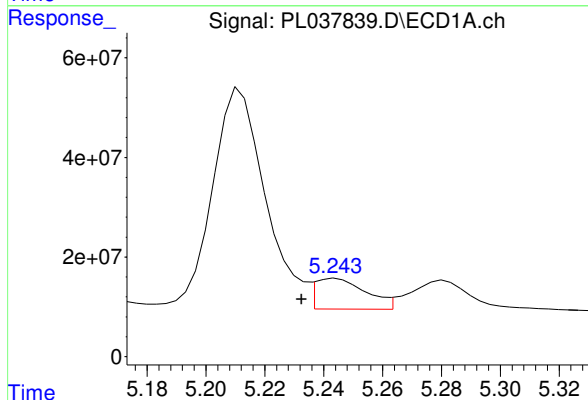
R.T.: 5.364 min  
Delta R.T.: 0.022 min  
Response: 21108020  
Conc: 2.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



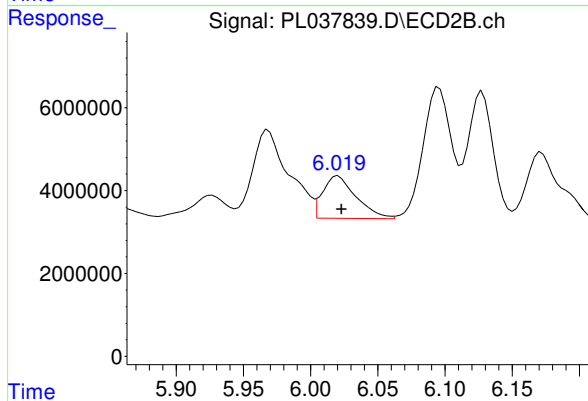
#9 Endosulfan I

R.T.: 6.128 min  
Delta R.T.: -0.016 min  
Response: 40482596  
Conc: 15.78 ng/ml



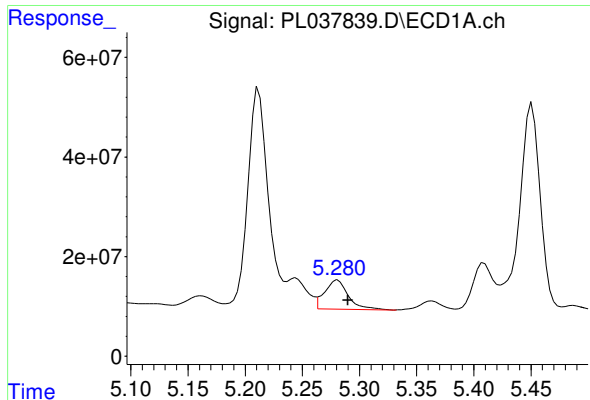
#10 gamma-Chlordane

R.T.: 5.244 min  
Delta R.T.: 0.012 min  
Response: 73358792  
Conc: 7.83 ng/ml



#10 gamma-Chlordane

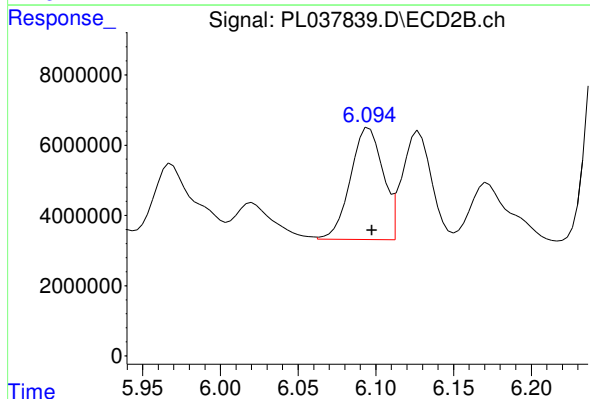
R.T.: 6.020 min  
Delta R.T.: -0.003 min  
Response: 17621058  
Conc: 6.26 ng/ml



#11 alpha-Chlordane

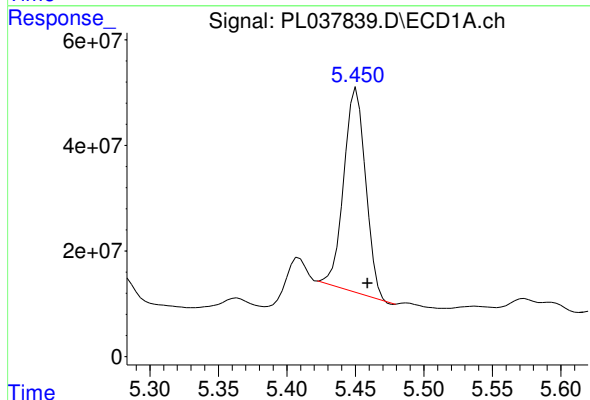
R.T.: 5.281 min  
Delta R.T.: -0.009 min  
Response: 85155201  
Conc: 9.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



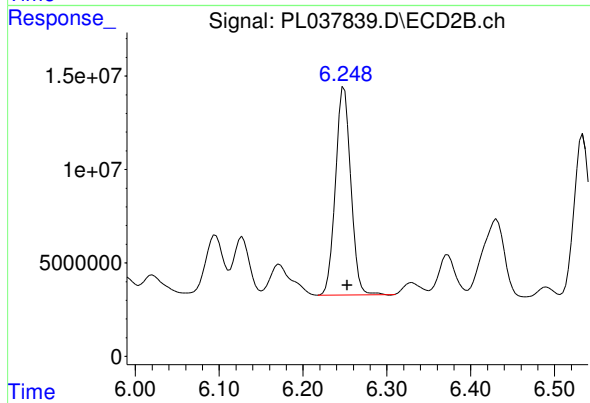
#11 alpha-Chlordane

R.T.: 6.096 min  
Delta R.T.: -0.002 min  
Response: 46395357  
Conc: 16.12 ng/ml



#12 4,4'-DDE

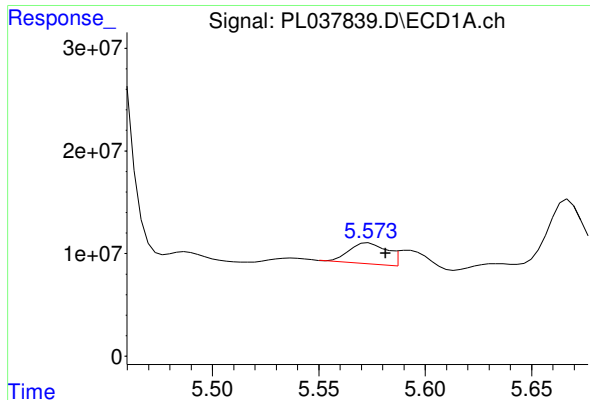
R.T.: 5.451 min  
Delta R.T.: -0.008 min  
Response: 430227577  
Conc: 48.71 ng/ml



#12 4,4'-DDE

R.T.: 6.249 min  
Delta R.T.: -0.003 min  
Response: 141397499  
Conc: 55.57 ng/ml

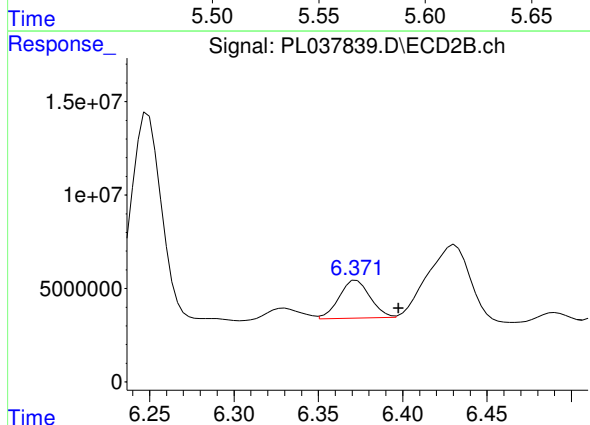




#13 Dieldrin

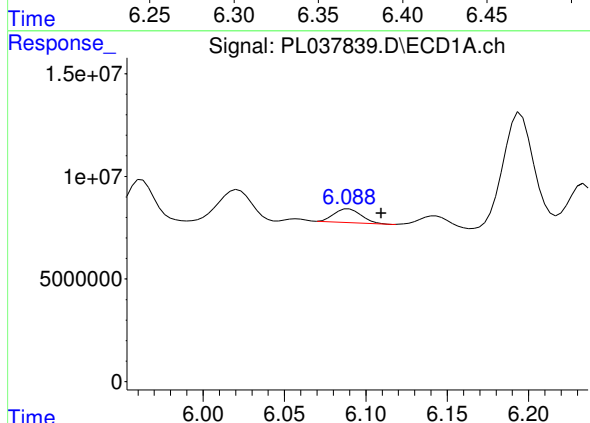
R.T.: 5.574 min  
Delta R.T.: -0.008 min  
Response: 25301327  
Conc: 2.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



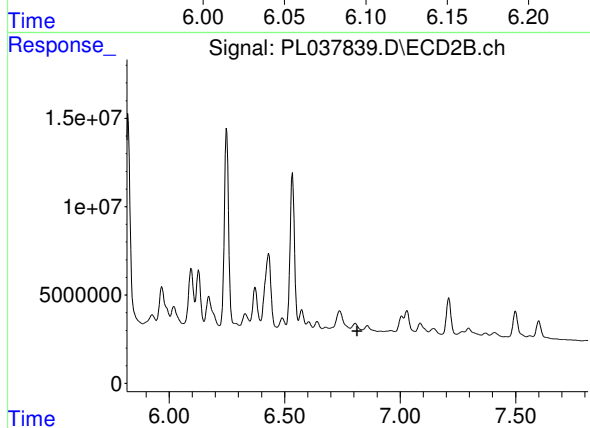
#13 Dieldrin

R.T.: 6.373 min  
Delta R.T.: -0.025 min  
Response: 25865172  
Conc: 9.69 ng/ml



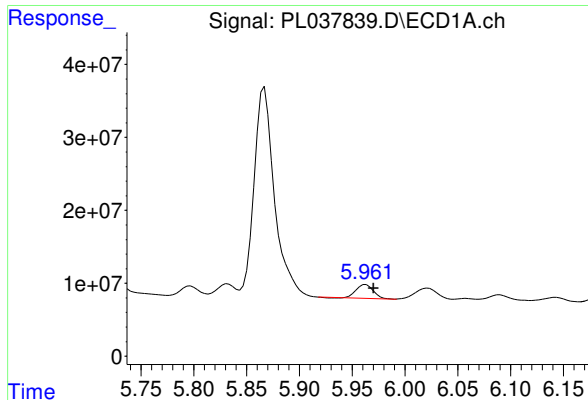
#15 Endosulfan II

R.T.: 6.089 min  
Delta R.T.: -0.020 min  
Response: 7831954  
Conc: 1.07 ng/ml



#15 Endosulfan II

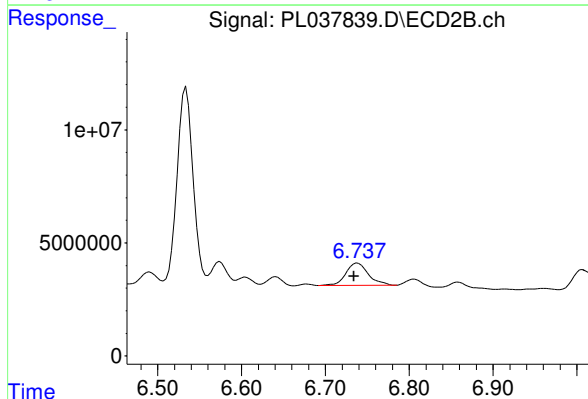
R.T.: 0.000 min  
Exp R.T.: 6.814 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

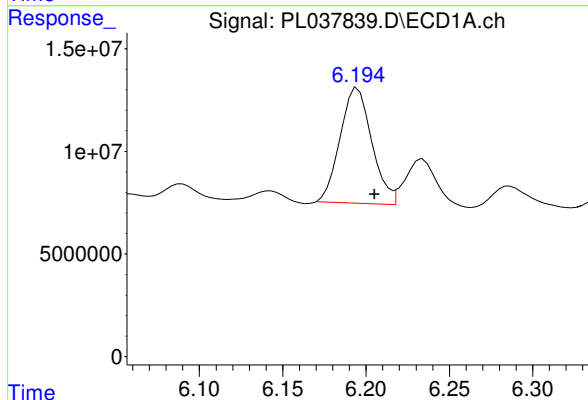
R.T.: 5.963 min  
Delta R.T.: -0.008 min  
Response: 21112057  
Conc: 3.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



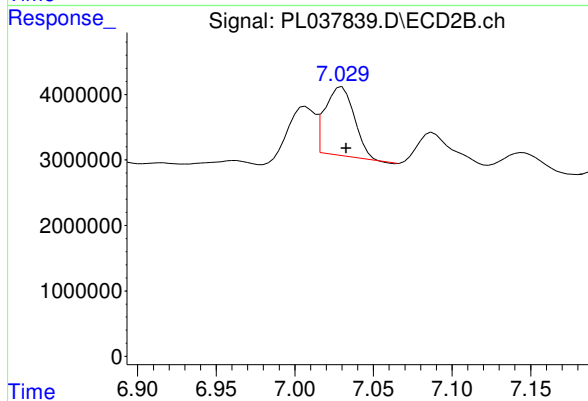
#16 4,4'-DDD

R.T.: 6.739 min  
Delta R.T.: 0.005 min  
Response: 18308399  
Conc: 8.92 ng/ml



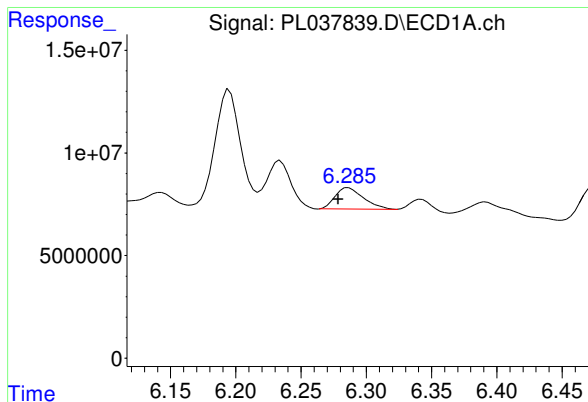
#17 4,4'-DDT

R.T.: 6.195 min  
Delta R.T.: -0.010 min  
Response: 74342253  
Conc: 11.51 ng/ml



#17 4,4'-DDT

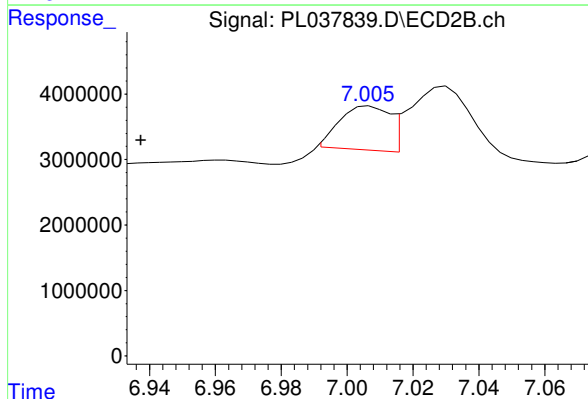
R.T.: 7.030 min  
Delta R.T.: -0.003 min  
Response: 13704344  
Conc: 6.47 ng/ml



#18 Endrin aldehyde

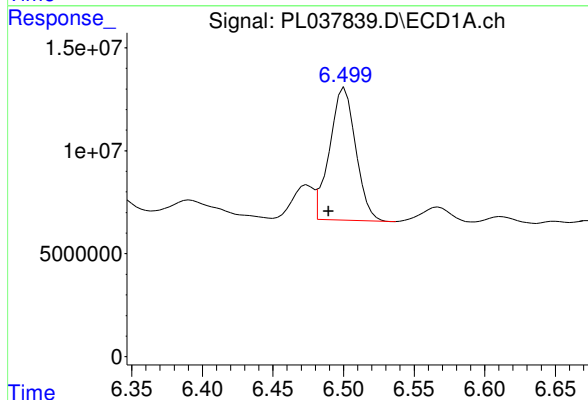
R.T.: 6.286 min  
Delta R.T.: 0.008 min  
Response: 15668315  
Conc: 2.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



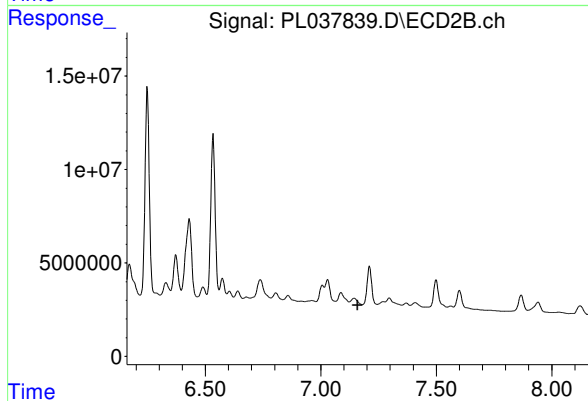
#18 Endrin aldehyde

R.T.: 7.007 min  
Delta R.T.: 0.070 min  
Response: 6988926  
Conc: 3.47 ng/ml



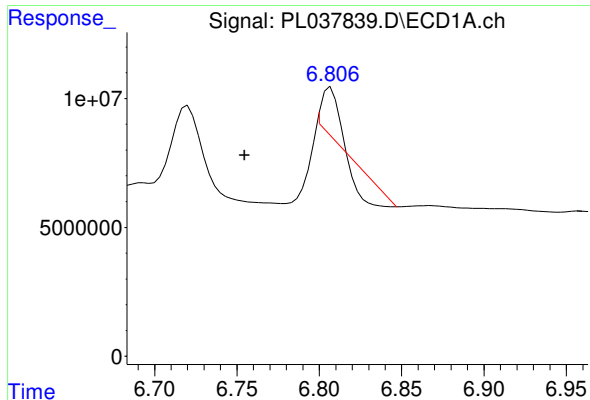
#19 Endosulfan Sulfate

R.T.: 6.501 min  
Delta R.T.: 0.011 min  
Response: 83311444  
Conc: 12.45 ng/ml



#19 Endosulfan Sulfate

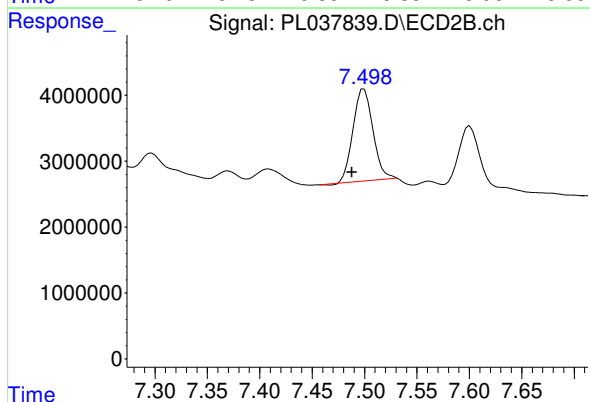
R.T.: 0.000 min  
Exp R.T.: 7.159 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

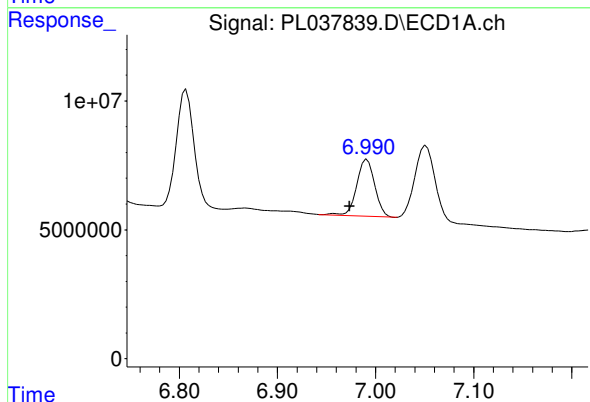
R.T.: 6.807 min  
Delta R.T.: 0.053 min  
Response: 2011921  
Conc: 0.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



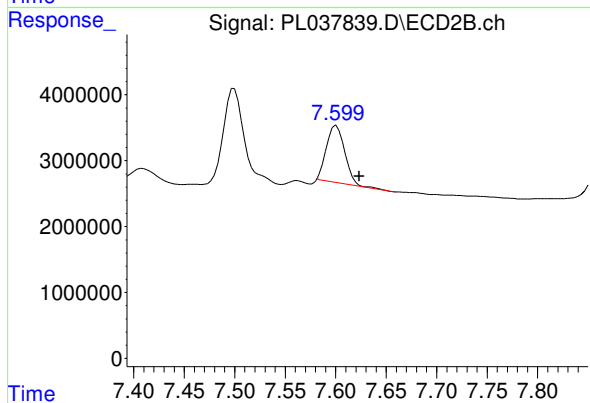
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.012 min  
Response: 18456769  
Conc: 16.49 ng/ml



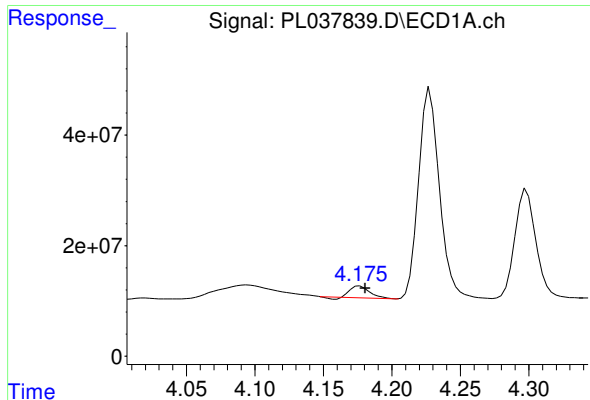
#21 Endrin ketone

R.T.: 6.991 min  
Delta R.T.: 0.018 min  
Response: 28061732  
Conc: 3.95 ng/ml



#21 Endrin ketone

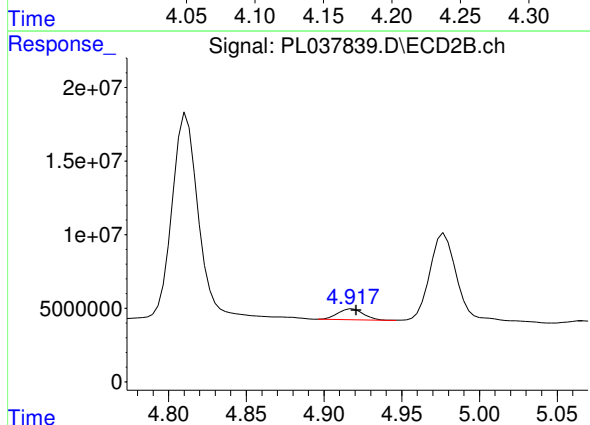
R.T.: 7.601 min  
Delta R.T.: -0.023 min  
Response: 10732956  
Conc: 5.29 ng/ml



#23 Chlordane-1

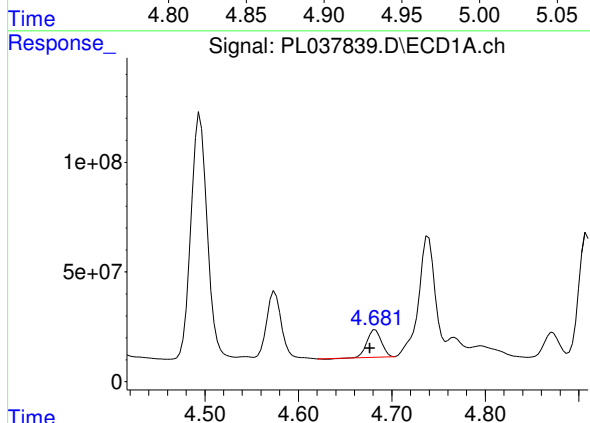
R.T.: 4.177 min  
Delta R.T.: -0.004 min  
Response: 20219669  
Conc: 65.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



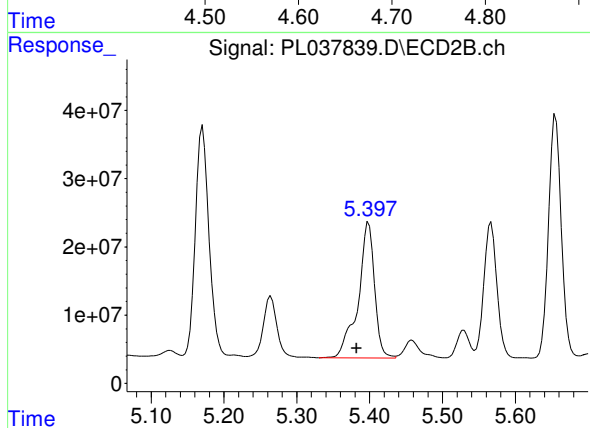
#23 Chlordane-1

R.T.: 4.918 min  
Delta R.T.: -0.002 min  
Response: 8615468  
Conc: 71.70 ng/ml



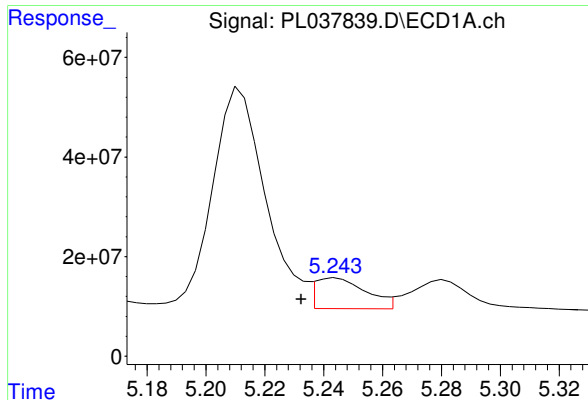
#24 Chlordane-2

R.T.: 4.683 min  
Delta R.T.: 0.006 min  
Response: 132075411  
Conc: 371.00 ng/ml



#24 Chlordane-2

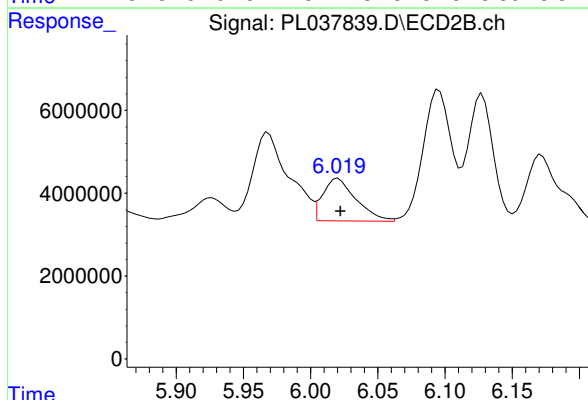
R.T.: 5.399 min  
Delta R.T.: 0.017 min  
Response: 311484086  
Conc: 2461.34 ng/ml



#25 Chlordane-3

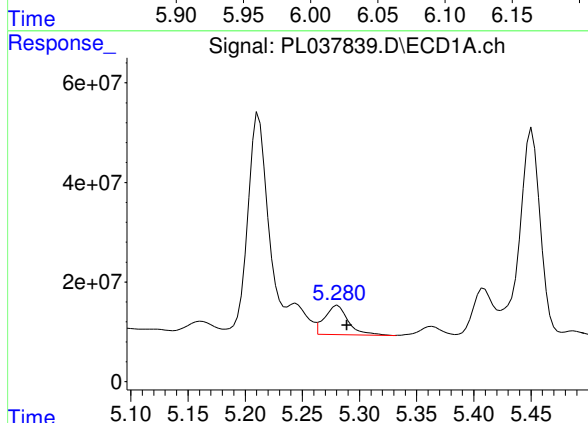
R.T.: 5.244 min  
Delta R.T.: 0.012 min  
Response: 73358792  
Conc: 69.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



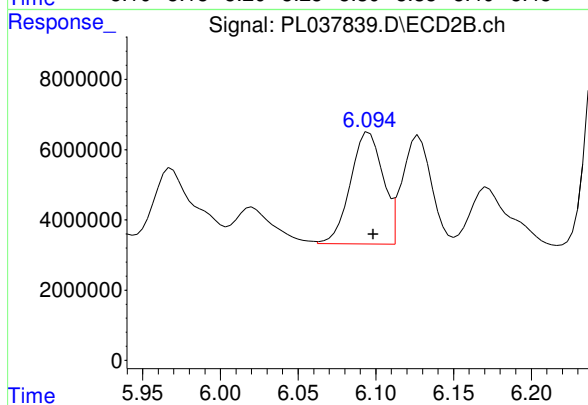
#25 Chlordane-3

R.T.: 6.020 min  
Delta R.T.: -0.002 min  
Response: 17621058  
Conc: 45.06 ng/ml



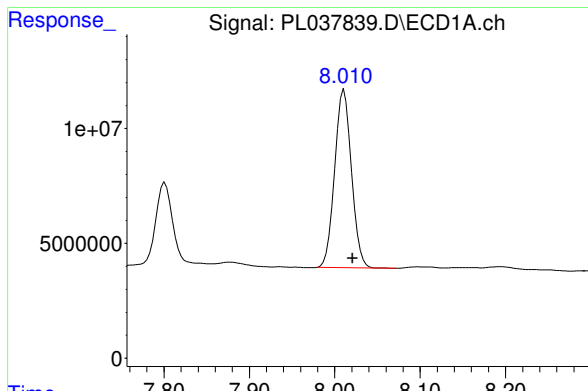
#26 Chlordane-4

R.T.: 5.281 min  
Delta R.T.: -0.008 min  
Response: 85155201  
Conc: 88.38 ng/ml



#26 Chlordane-4

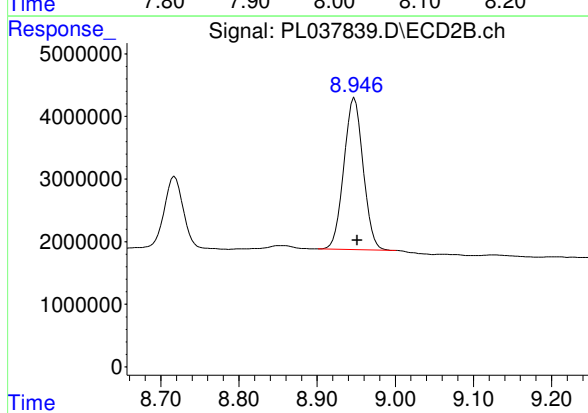
R.T.: 6.096 min  
Delta R.T.: -0.003 min  
Response: 46395357  
Conc: 96.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.011 min  
Delta R.T.: -0.010 min  
Response: 106249322  
Conc: 17.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.948 min  
Delta R.T.: -0.003 min  
Response: 41471138  
Conc: 20.90 ng/ml