

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060420\  
 Data File : PL059132.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Jun 2020 13:31  
 Operator : AJ\MA  
 Sample : L2858-01 10X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 04 14:29:59 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 04 08:16:22 2020  
 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... | 3.520  | 4.072  | 2316050 | 3470150 | 1.341  | 1.334    |
| 28)                         | SA Decachlor... | 8.295  | 9.181  | 2087237 | 3902687 | 1.269  | 1.646 #  |
| Target Compounds            |                 |        |        |         |         |        |          |
| 4)                          | MA Heptachlor   | 4.563  | 5.258  | 241545  | 1192994 | 0.116  | 0.346 #  |
| 5)                          | MB Aldrin       | 4.800  | 5.572  | 325327  | 1605400 | 0.183  | 0.510 #  |
| 6)                          | B beta-BHC      | 4.509  | 0.000  | 1406700 | 0       | 1.480  | N.D. #   |
| 7)                          | B delta-BHC     | 0.000  | 5.112f | 0       | 3582130 | N.D.   | 1.277 #  |
| 8)                          | B Heptachlo...  | 5.250  | 5.980f | 2140559 | 428644  | 1.253  | 0.155 #  |
| 9)                          | A Endosulfan I  | 5.600  | 0.000  | 438025  | 0       | 0.280  | N.D. #   |
| 10)                         | B gamma-Chl...  | 5.465  | 6.207  | 2921744 | 726673  | 1.745  | 0.243 #  |
| 11)                         | B alpha-Chl...  | 5.544  | 0.000  | 1073189 | 0       | 0.643  | N.D. #   |
| 12)                         | B 4,4'-DDE      | 5.716f | 6.421  | 1611359 | 2300640 | 1.060  | 0.827    |
| 13)                         | MA Dieldrin     | 5.827  | 6.586  | 2416218 | 1248044 | 1.483  | 0.427 #  |
| 14)                         | MA Endrin       | 6.084  | 6.788  | 303611  | 444373  | 0.200  | 0.178    |
| 15)                         | B Endosulfa...  | 6.373  | 7.008  | 534889  | 1703924 | 0.346  | 0.654 #  |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.920  | 0       | 861946  | N.D.   | 0.371 #  |
| 17)                         | MA 4,4'-DDT     | 6.455  | 7.213  | 1024792 | 814961  | 0.812  | 0.358 #  |
| 18)                         | B Endrin al...  | 6.551f | 7.151f | 202915  | 2794108 | 0.154  | 1.222 #  |
| 19)                         | B Endosulfa...  | 6.740  | 0.000  | 131142  | 0       | 0.088  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.985f | 0.000  | 496348  | 0       | 0.646  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.227  | 0.000  | 241618  | 0       | 0.139  | N.D. #   |
| 22)                         | Mirex           | 0.000  | 8.308f | 0       | 319695  | N.D.   | 0.162 #  |
| 23)                         | Chlordane-1     | 4.397  | 0.000  | 1359012 | 0       | 27.017 | N.D. #   |
| 24)                         | Chlordane-2     | 4.922f | 5.572f | 157025  | 1605400 | 3.009  | 16.826 # |
| 25)                         | Chlordane-3     | 5.465  | 6.207  | 2921744 | 726673  | 19.772 | 1.938 #  |
| 26)                         | Chlordane-4     | 5.544  | 0.000  | 1073189 | 0       | 8.946  | N.D. #   |
| 27)                         | Chlordane-5     | 6.373  | 7.066  | 534889  | 137312  | 10.749 | 1.735 #  |
| -----                       |                 |        |        |         |         |        |          |

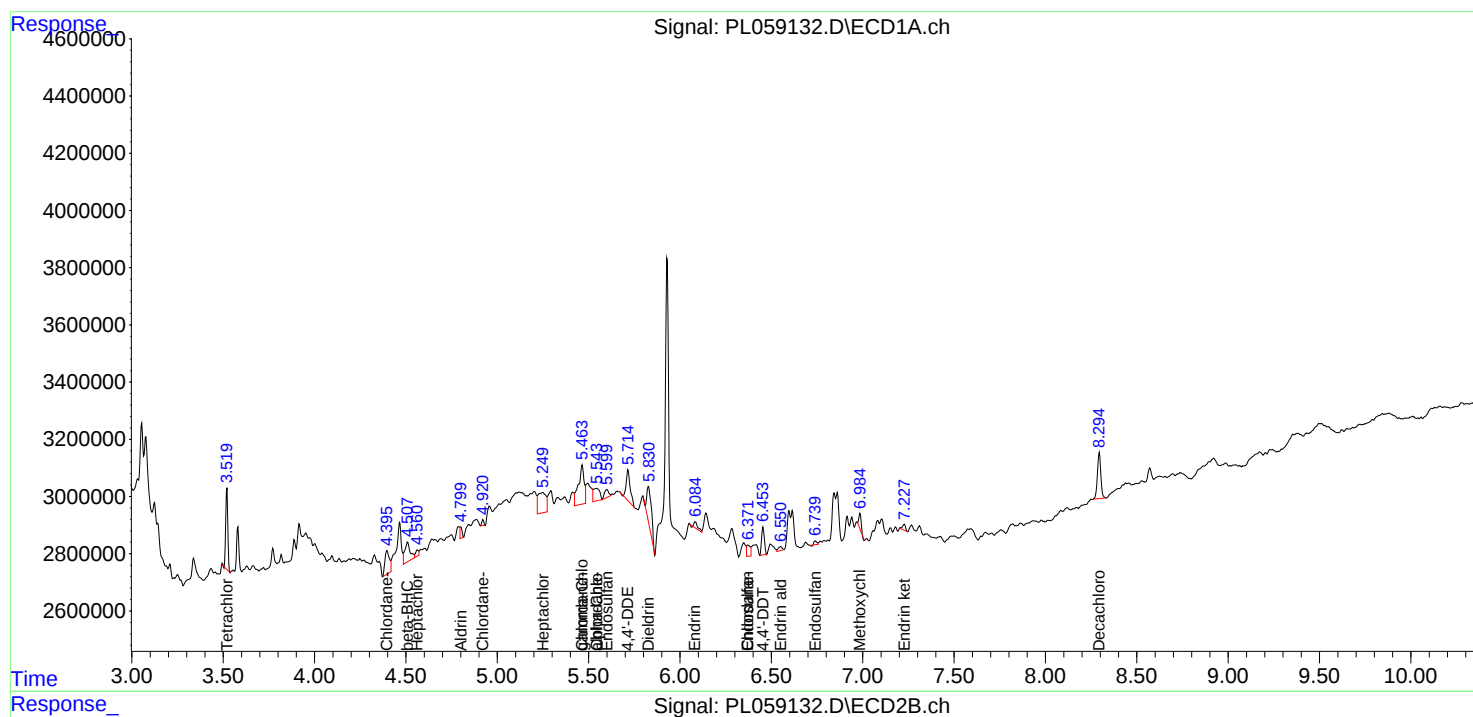
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

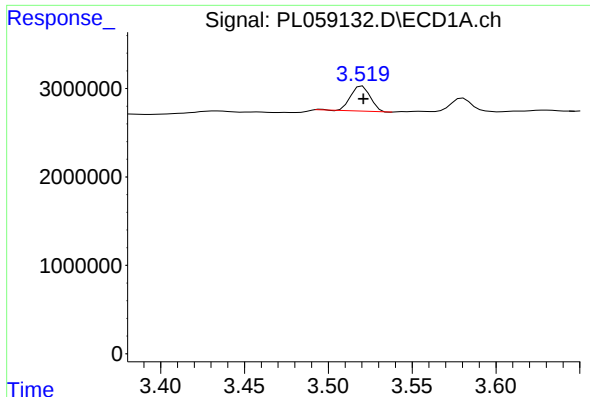
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060420\  
Data File : PL059132.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Jun 2020 13:31  
Operator : AJ\MA  
Sample : L2858-01 10X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 04 14:29:59 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060320.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 04 08:16:22 2020  
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

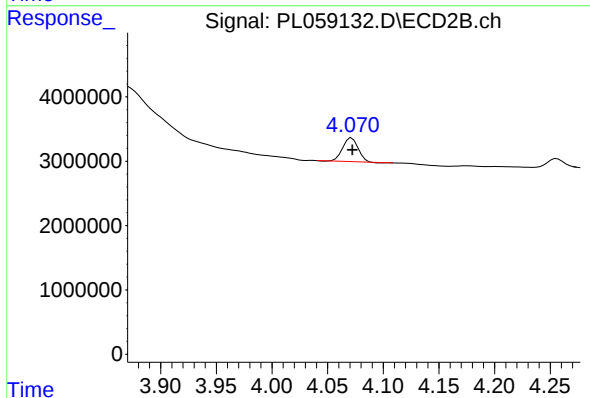




#1 Tetrachloro-m-xylene

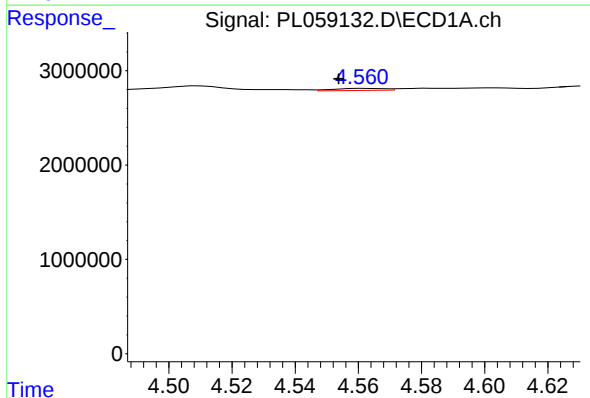
R.T.: 3.520 min  
Delta R.T.: 0.000 min  
Response: 2316050  
Conc: 1.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



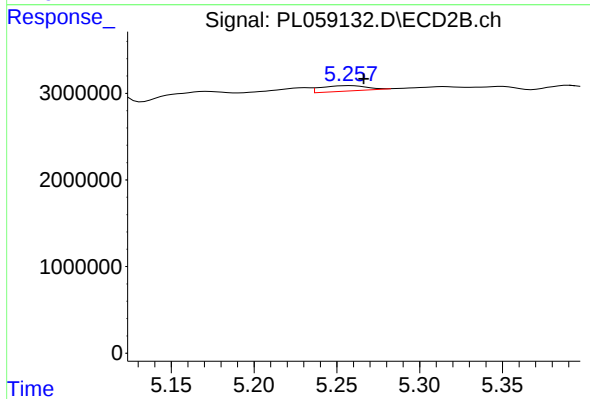
#1 Tetrachloro-m-xylene

R.T.: 4.072 min  
Delta R.T.: 0.000 min  
Response: 3470150  
Conc: 1.33 ng/ml



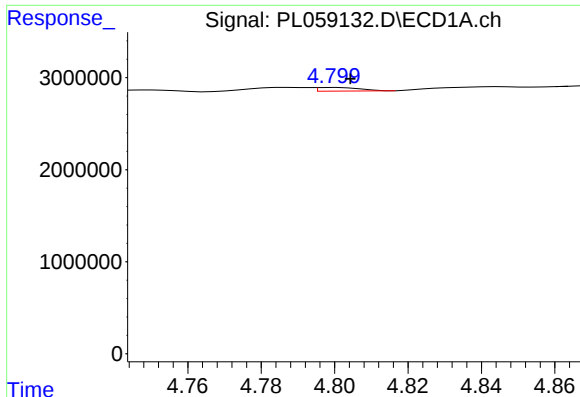
#4 Heptachlor

R.T.: 4.563 min  
Delta R.T.: 0.009 min  
Response: 241545  
Conc: 0.12 ng/ml



#4 Heptachlor

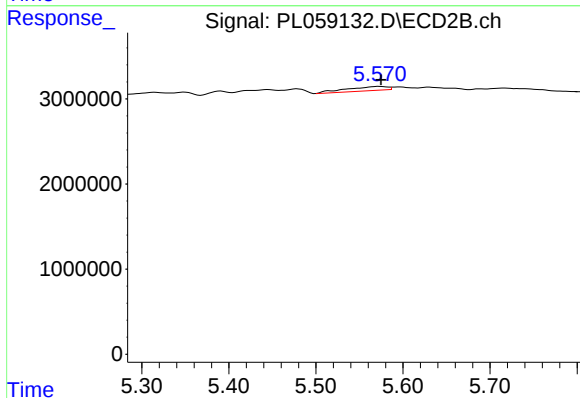
R.T.: 5.258 min  
Delta R.T.: -0.008 min  
Response: 1192994  
Conc: 0.35 ng/ml



#5 Aldrin

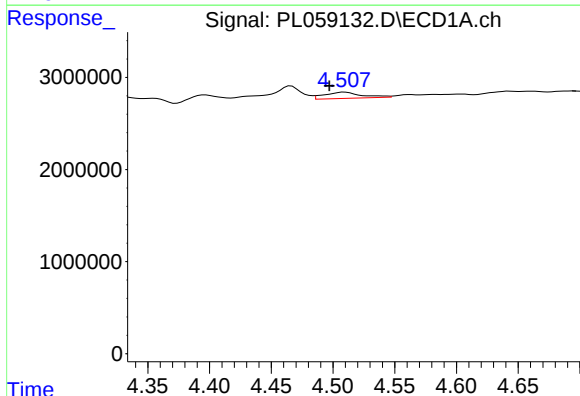
R.T.: 4.800 min  
Delta R.T.: -0.005 min  
Response: 325327  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



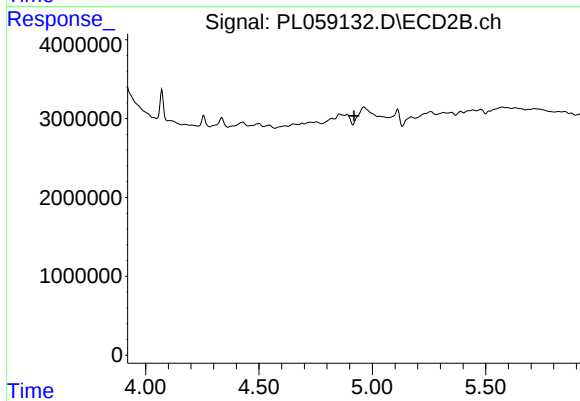
#5 Aldrin

R.T.: 5.572 min  
Delta R.T.: -0.002 min  
Response: 1605400  
Conc: 0.51 ng/ml



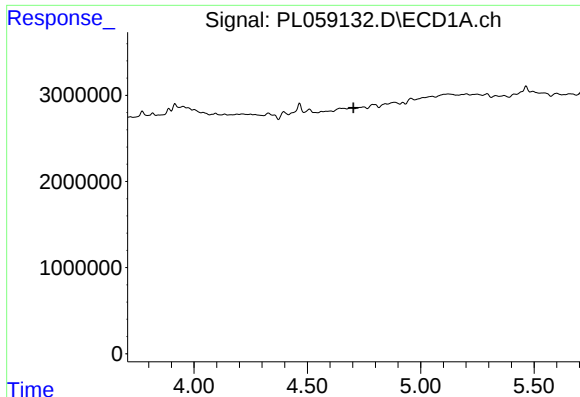
#6 beta-BHC

R.T.: 4.509 min  
Delta R.T.: 0.012 min  
Response: 1406700  
Conc: 1.48 ng/ml



#6 beta-BHC

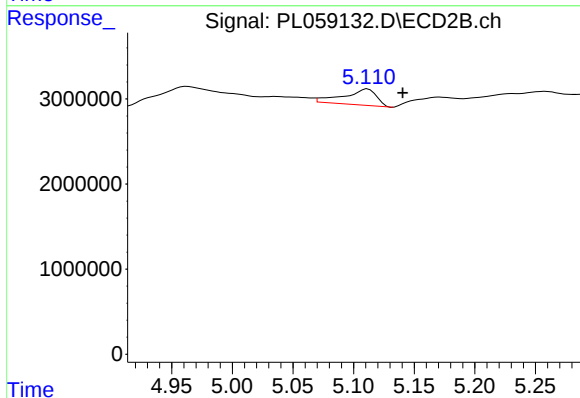
R.T.: 0.000 min  
Exp R.T.: 4.920 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

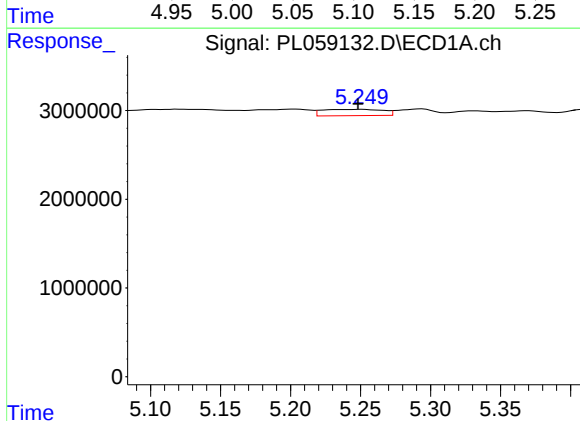
R.T.: 0.000 min  
Exp R.T.: 4.704 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



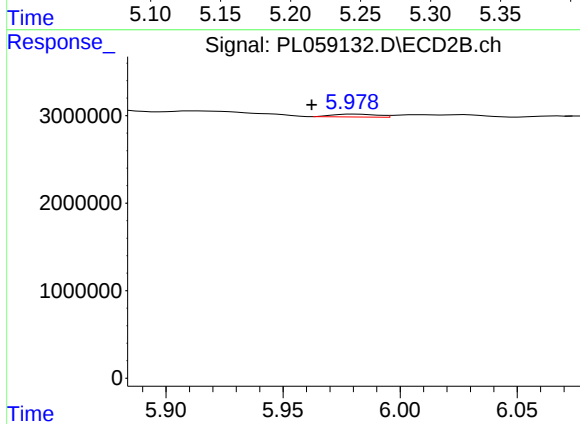
#7 delta-BHC

R.T.: 5.112 min  
Delta R.T.: -0.029 min  
Response: 3582130  
Conc: 1.28 ng/ml



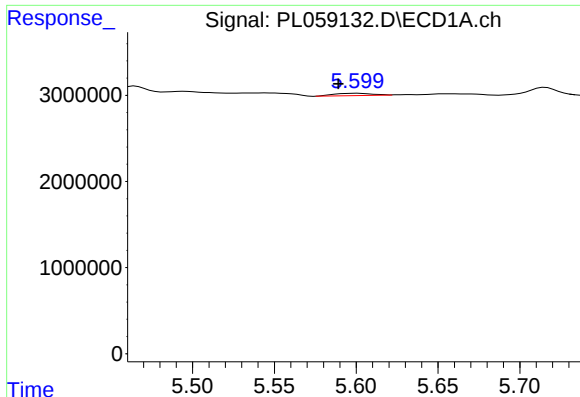
#8 Heptachlor epoxide

R.T.: 5.250 min  
Delta R.T.: 0.002 min  
Response: 2140559  
Conc: 1.25 ng/ml



#8 Heptachlor epoxide

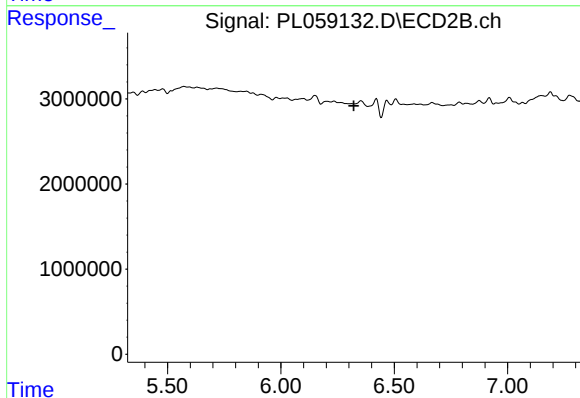
R.T.: 5.980 min  
Delta R.T.: 0.018 min  
Response: 428644  
Conc: 0.15 ng/ml



#9 Endosulfan I

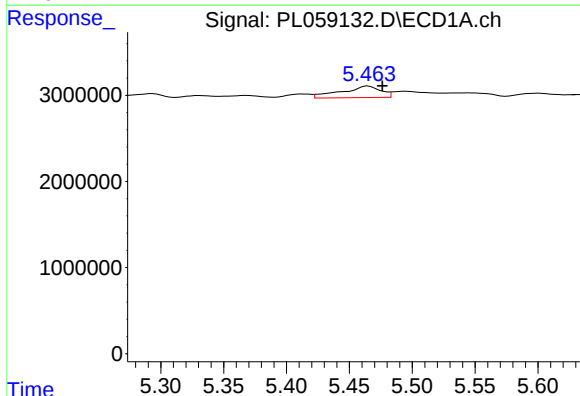
R.T.: 5.600 min  
Delta R.T.: 0.011 min  
Response: 438025  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



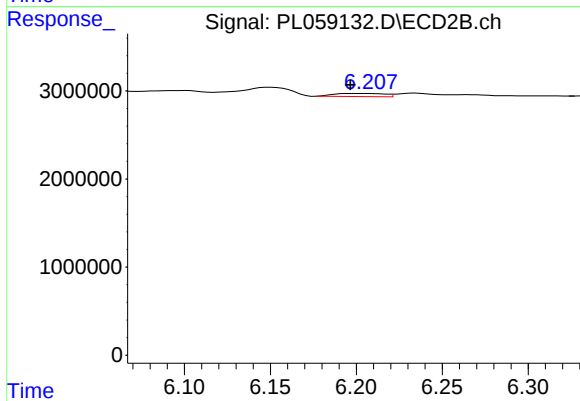
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.321 min  
Response: 0  
Conc: N.D.



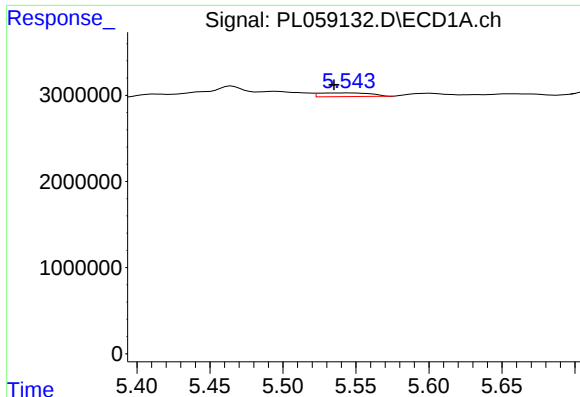
#10 gamma-Chlordane

R.T.: 5.465 min  
Delta R.T.: -0.011 min  
Response: 2921744  
Conc: 1.74 ng/ml



#10 gamma-Chlordane

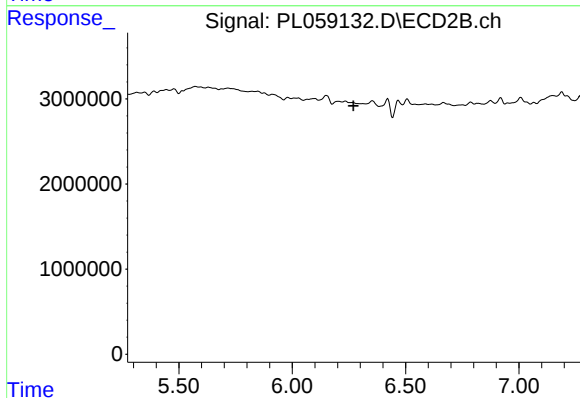
R.T.: 6.207 min  
Delta R.T.: 0.011 min  
Response: 726673  
Conc: 0.24 ng/ml



#11 alpha-Chlordane

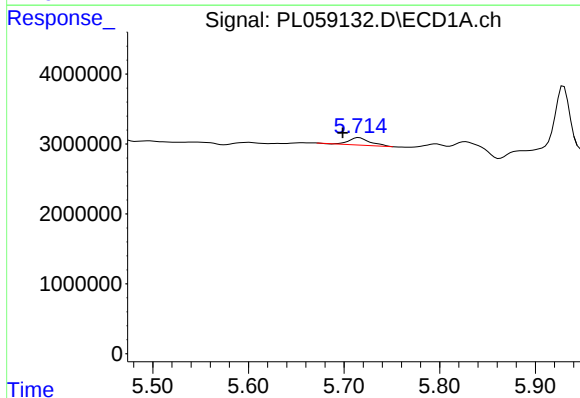
R.T.: 5.544 min  
Delta R.T.: 0.009 min  
Response: 1073189  
Conc: 0.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



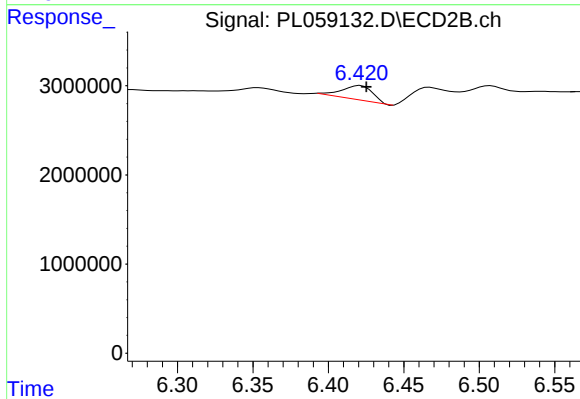
#11 alpha-Chlordane

R.T.: 0.000 min  
Exp R.T. : 6.271 min  
Response: 0  
Conc: N.D.



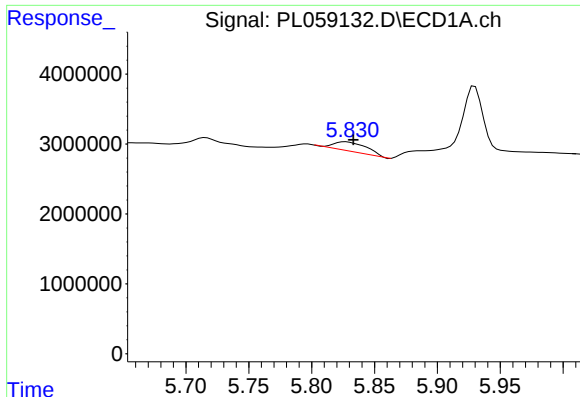
#12 4,4'-DDE

R.T.: 5.716 min  
Delta R.T.: 0.017 min  
Response: 1611359  
Conc: 1.06 ng/ml



#12 4,4'-DDE

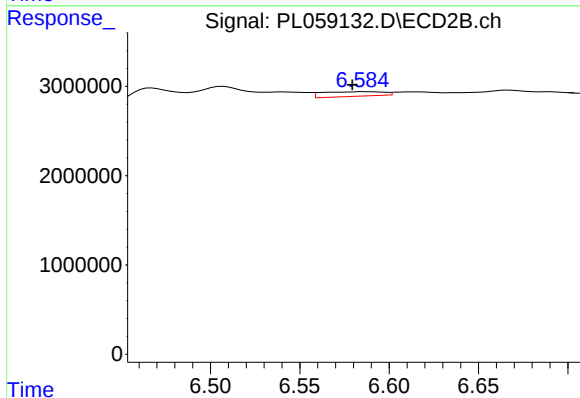
R.T.: 6.421 min  
Delta R.T.: -0.004 min  
Response: 2300640  
Conc: 0.83 ng/ml



#13 Dieldrin

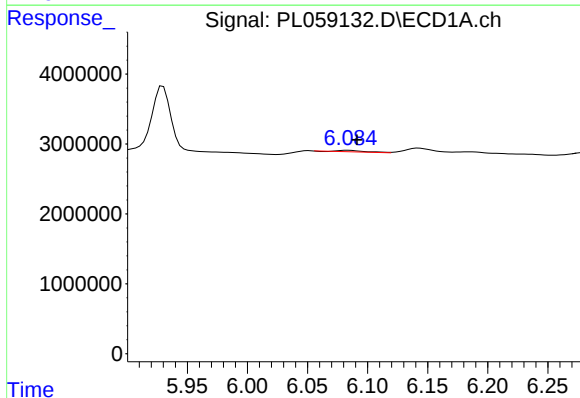
R.T.: 5.827 min  
Delta R.T.: -0.006 min  
Response: 2416218  
Conc: 1.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



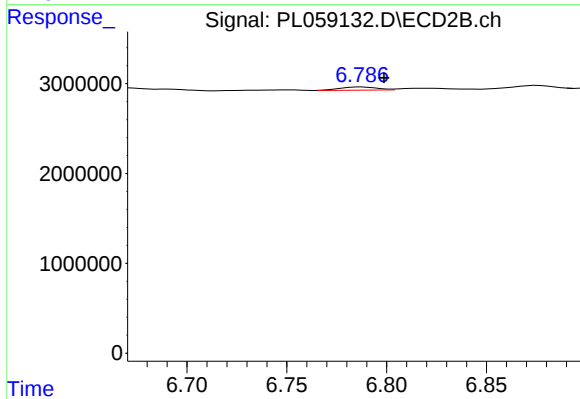
#13 Dieldrin

R.T.: 6.586 min  
Delta R.T.: 0.006 min  
Response: 1248044  
Conc: 0.43 ng/ml



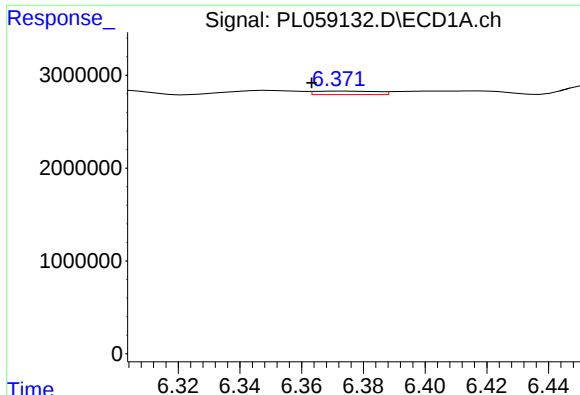
#14 Endrin

R.T.: 6.084 min  
Delta R.T.: -0.007 min  
Response: 303611  
Conc: 0.20 ng/ml



#14 Endrin

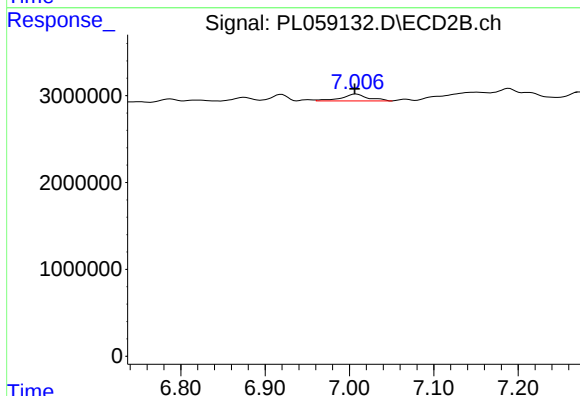
R.T.: 6.788 min  
Delta R.T.: -0.011 min  
Response: 444373  
Conc: 0.18 ng/ml



#15 Endosulfan II

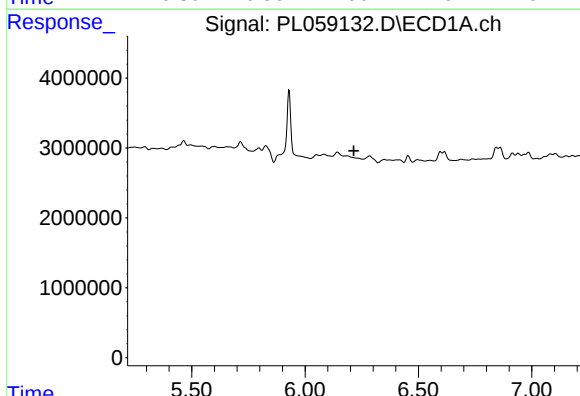
R.T.: 6.373 min  
Delta R.T.: 0.010 min  
Response: 534889  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



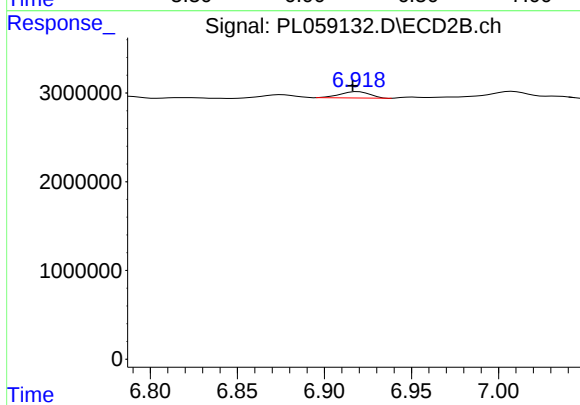
#15 Endosulfan II

R.T.: 7.008 min  
Delta R.T.: 0.002 min  
Response: 1703924  
Conc: 0.65 ng/ml



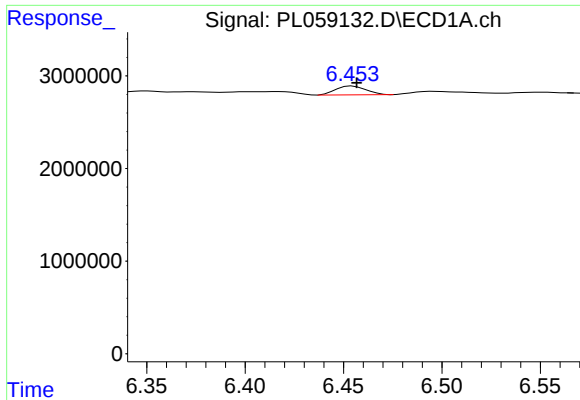
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.215 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

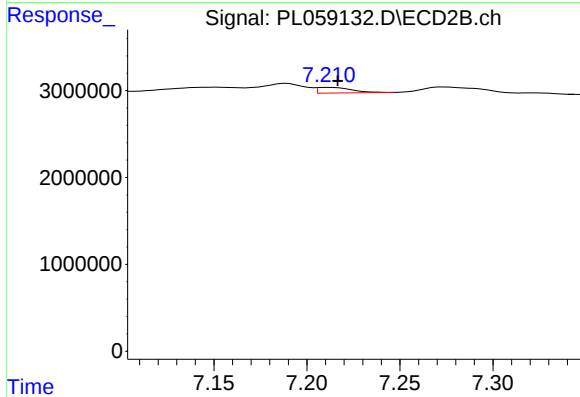
R.T.: 6.920 min  
Delta R.T.: 0.003 min  
Response: 861946  
Conc: 0.37 ng/ml



#17 4,4'-DDT

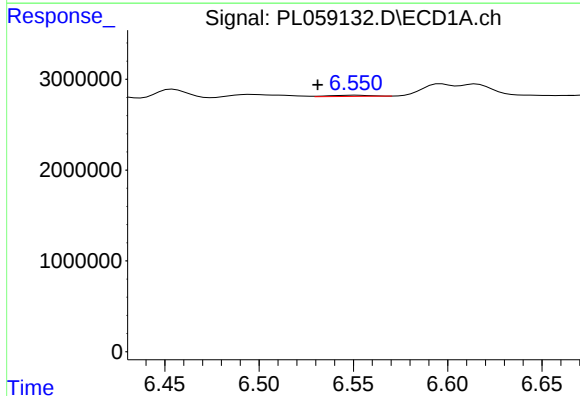
R.T.: 6.455 min  
Delta R.T.: -0.002 min  
Response: 1024792  
Conc: 0.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



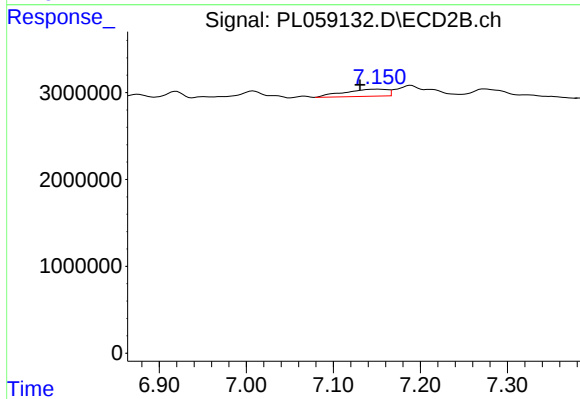
#17 4,4'-DDT

R.T.: 7.213 min  
Delta R.T.: -0.004 min  
Response: 814961  
Conc: 0.36 ng/ml



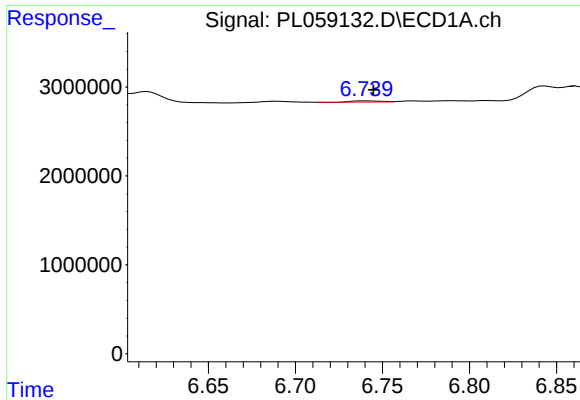
#18 Endrin aldehyde

R.T.: 6.551 min  
Delta R.T.: 0.020 min  
Response: 202915  
Conc: 0.15 ng/ml



#18 Endrin aldehyde

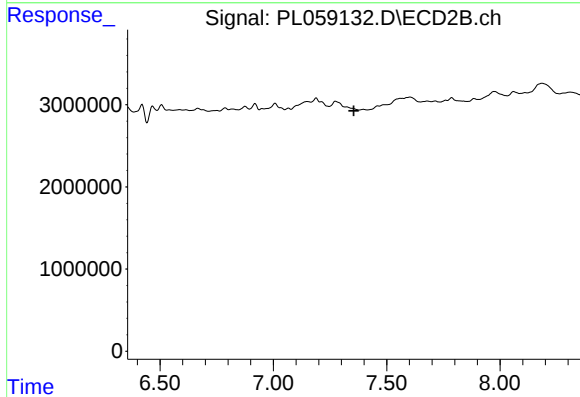
R.T.: 7.151 min  
Delta R.T.: 0.021 min  
Response: 2794108  
Conc: 1.22 ng/ml



#19 Endosulfan Sulfate

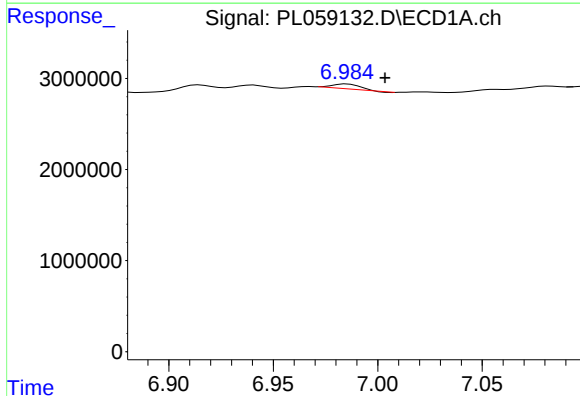
R.T.: 6.740 min  
Delta R.T.: -0.005 min  
Response: 131142  
Conc: 0.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



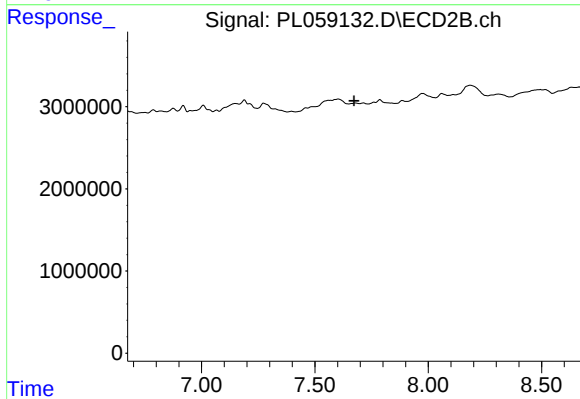
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.354 min  
Response: 0  
Conc: N.D.



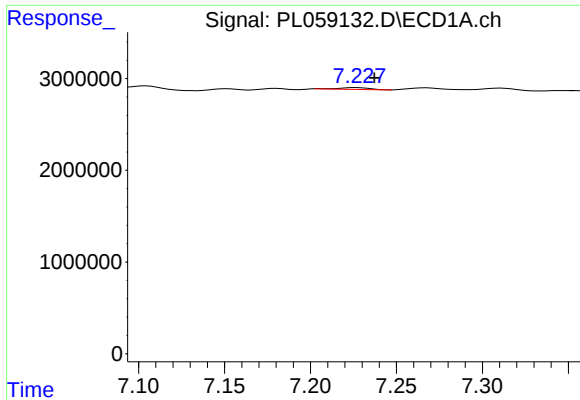
#20 Methoxychlor

R.T.: 6.985 min  
Delta R.T.: -0.018 min  
Response: 496348  
Conc: 0.65 ng/ml



#20 Methoxychlor

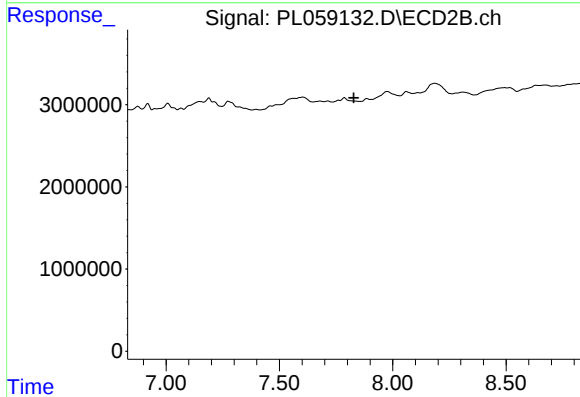
R.T.: 0.000 min  
Exp R.T. : 7.673 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

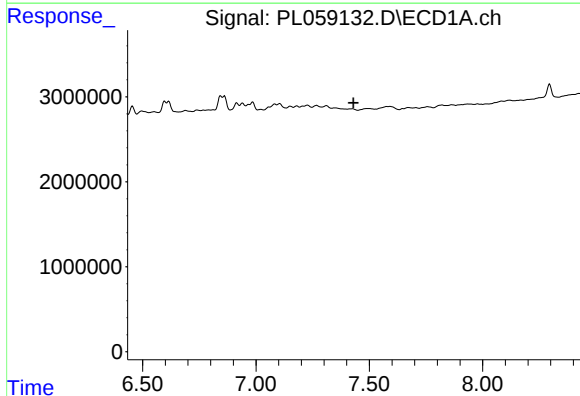
R.T.: 7.227 min  
Delta R.T.: -0.010 min  
Response: 241618  
Conc: 0.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



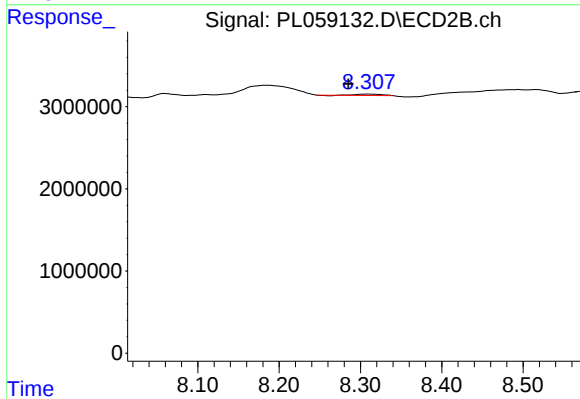
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.828 min  
Response: 0  
Conc: N.D.



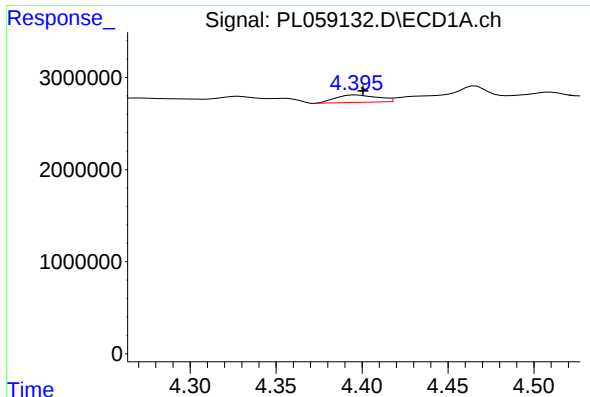
#22 Mirex

R.T.: 0.000 min  
Exp R.T. : 7.430 min  
Response: 0  
Conc: N.D.



#22 Mirex

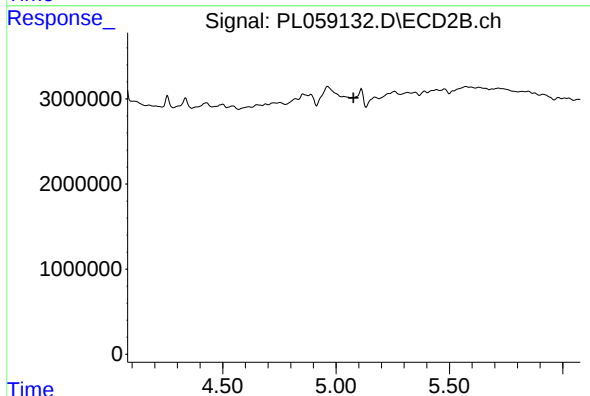
R.T.: 8.308 min  
Delta R.T.: 0.023 min  
Response: 319695  
Conc: 0.16 ng/ml



#23 Chlordane-1

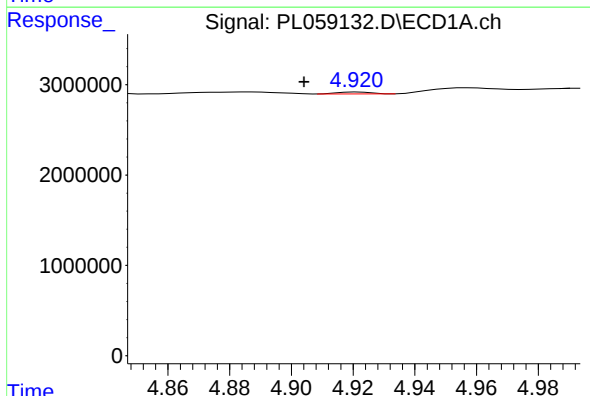
R.T.: 4.397 min  
Delta R.T.: -0.004 min  
Response: 1359012  
Conc: 27.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



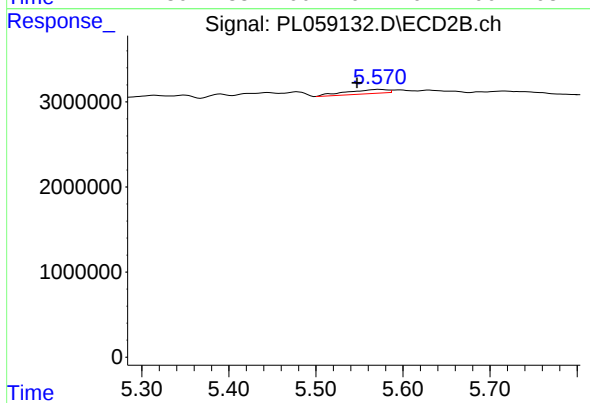
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.077 min  
Response: 0  
Conc: N.D.



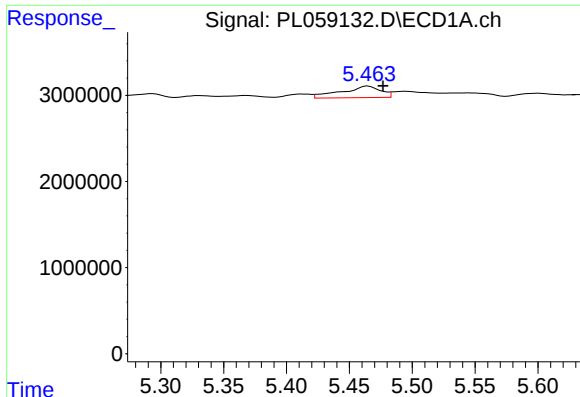
#24 Chlordane-2

R.T.: 4.922 min  
Delta R.T.: 0.017 min  
Response: 157025  
Conc: 3.01 ng/ml



#24 Chlordane-2

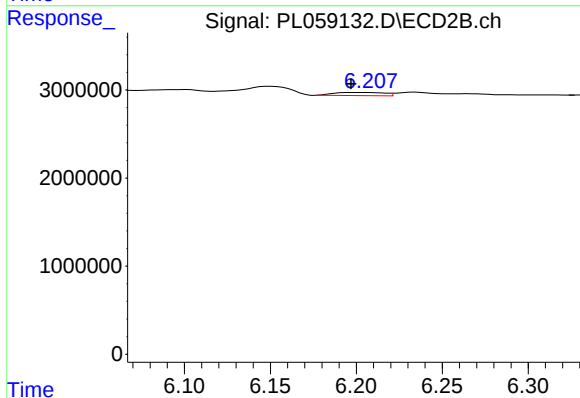
R.T.: 5.572 min  
Delta R.T.: 0.025 min  
Response: 1605400  
Conc: 16.83 ng/ml



#25 Chlordane-3

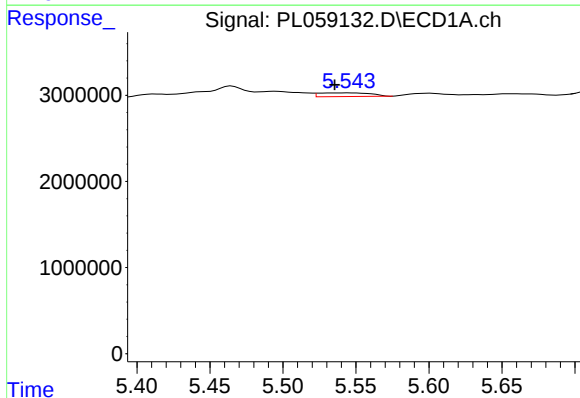
R.T.: 5.465 min  
Delta R.T.: -0.012 min  
Response: 2921744  
Conc: 19.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



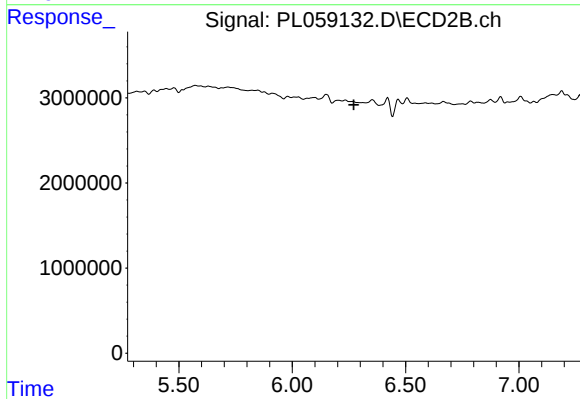
#25 Chlordane-3

R.T.: 6.207 min  
Delta R.T.: 0.010 min  
Response: 726673  
Conc: 1.94 ng/ml



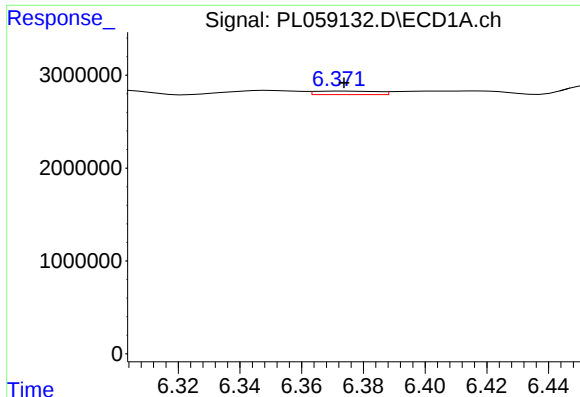
#26 Chlordane-4

R.T.: 5.544 min  
Delta R.T.: 0.009 min  
Response: 1073189  
Conc: 8.95 ng/ml



#26 Chlordane-4

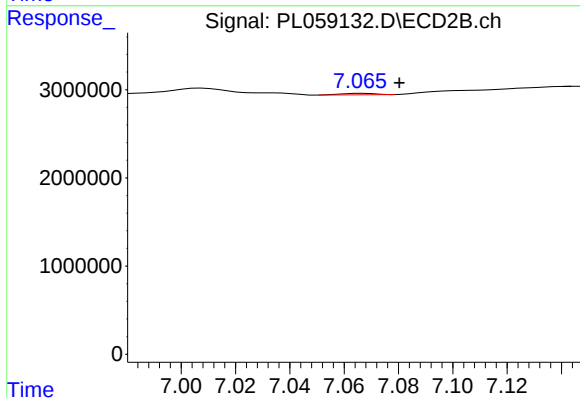
R.T.: 0.000 min  
Exp R.T.: 6.272 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

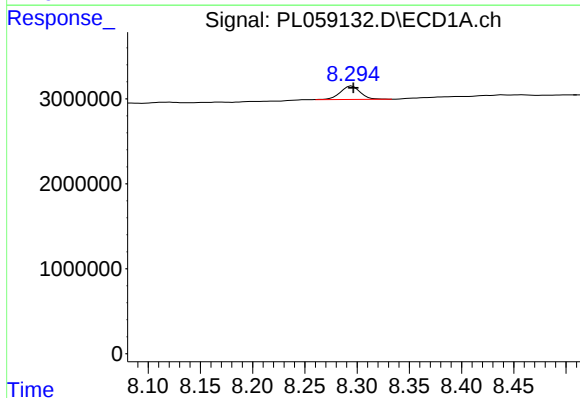
R.T.: 6.373 min  
Delta R.T.: 0.000 min  
Response: 534889  
Conc: 10.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



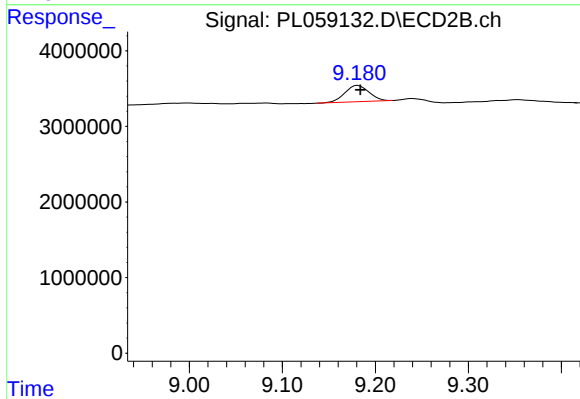
#27 Chlordane-5

R.T.: 7.066 min  
Delta R.T.: -0.014 min  
Response: 137312  
Conc: 1.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.295 min  
Delta R.T.: -0.002 min  
Response: 2087237  
Conc: 1.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.181 min  
Delta R.T.: -0.003 min  
Response: 3902687  
Conc: 1.65 ng/ml