

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112618\  
 Data File : PL042464.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Nov 2018 17:59  
 Operator : AJ\SJ  
 Sample : J6028-08  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 27 00:34:32 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 20 02:29:59 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... | 3.467  | 4.103  | 61404664 | 32197577 | 10.437 | 11.195   |
| 28)                         | SA Decachlor... | 8.209  | 9.237  | 61937718 | 25674560 | 9.828  | 10.645   |
| Target Compounds            |                 |        |        |          |          |        |          |
| 4)                          | MA Heptachlor   | 4.487  | 0.000  | 4259988  | 0        | 0.490  | N.D. #   |
| 6)                          | B beta-BHC      | 4.401f | 0.000  | 8908745  | 0        | 2.515  | N.D. #   |
| 7)                          | B delta-BHC     | 4.656  | 0.000  | 1475343  | 0        | 0.193  | N.D. #   |
| 8)                          | B Heptachlo...  | 5.229f | 5.988  | 12494953 | 5223431  | 1.649  | 1.457    |
| 9)                          | A Endosulfan I  | 5.524  | 6.394f | 13826510 | 124965   | 1.998  | 0.040 #  |
| 10)                         | B gamma-Chl...  | 5.424  | 6.238  | 18315075 | -2086340 | 2.402  | N.D. #   |
| 11)                         | B alpha-Chl...  | 5.461  | 6.311  | 22177156 | 8273015  | 2.954  | 2.474    |
| 12)                         | B 4,4'-DDE      | 5.625  | 6.463  | 6604434  | 9619697  | 1.009  | 2.890 #  |
| 13)                         | MA Dieldrin     | 5.751  | 6.606  | 15016041 | 3123797  | 2.041  | 0.938 #  |
| 14)                         | MA Endrin       | 6.012  | 6.826  | 1752749  | 2799002  | 0.268  | 1.016 #  |
| 15)                         | B Endosulfa...  | 6.274  | 7.082f | 4649915  | 2283313  | 0.744  | 0.827    |
| 16)                         | A 4,4'-DDD      | 6.204f | 6.962  | 12635639 | 11006605 | 2.386  | 4.182 #  |
| 17)                         | MA 4,4'-DDT     | 6.377  | 7.229  | 21187684 | 2301371  | 3.806  | 0.872 #  |
| 18)                         | B Endrin al...  | 6.468  | 7.229f | -4180504 | 2301371  | N.D.   | 1.004    |
| 19)                         | B Endosulfa...  | 6.662  | 0.000  | 7637311  | 0        | 1.224  | N.D. #   |
| 20)                         | A Methoxychlor  | 6.907  | 0.000  | 13771857 | 0        | 4.367  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.181  | 7.827f | 3636730  | 9779506  | 0.525  | 3.538 #  |
| 23)                         | Chlordane-1     | 4.336  | 5.113  | 5804389  | 1420591  | 20.994 | 10.687 # |
| 24)                         | Chlordane-2     | 4.838  | 0.000  | 5000204  | 0        | 17.793 | N.D. #   |
| 25)                         | Chlordane-3     | 5.424  | 6.238  | 18315075 | -2086340 | 20.894 | N.D. #   |
| 26)                         | Chlordane-4     | 5.461  | 6.311  | 22177156 | 8273015  | 29.222 | 15.120 # |
| 27)                         | Chlordane-5     | 6.274  | 7.082  | 4649915  | 2283313  | 15.605 | 23.736 # |
| -----                       |                 |        |        |          |          |        |          |

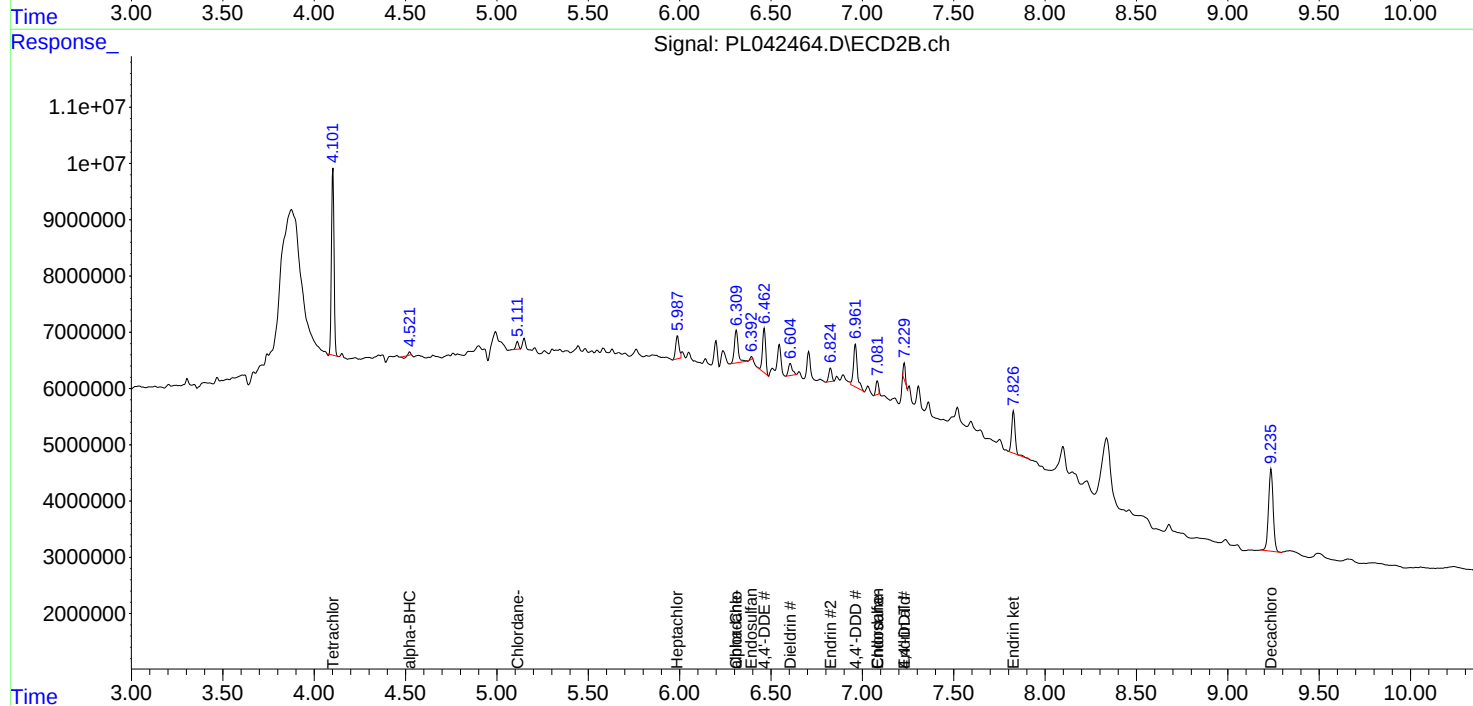
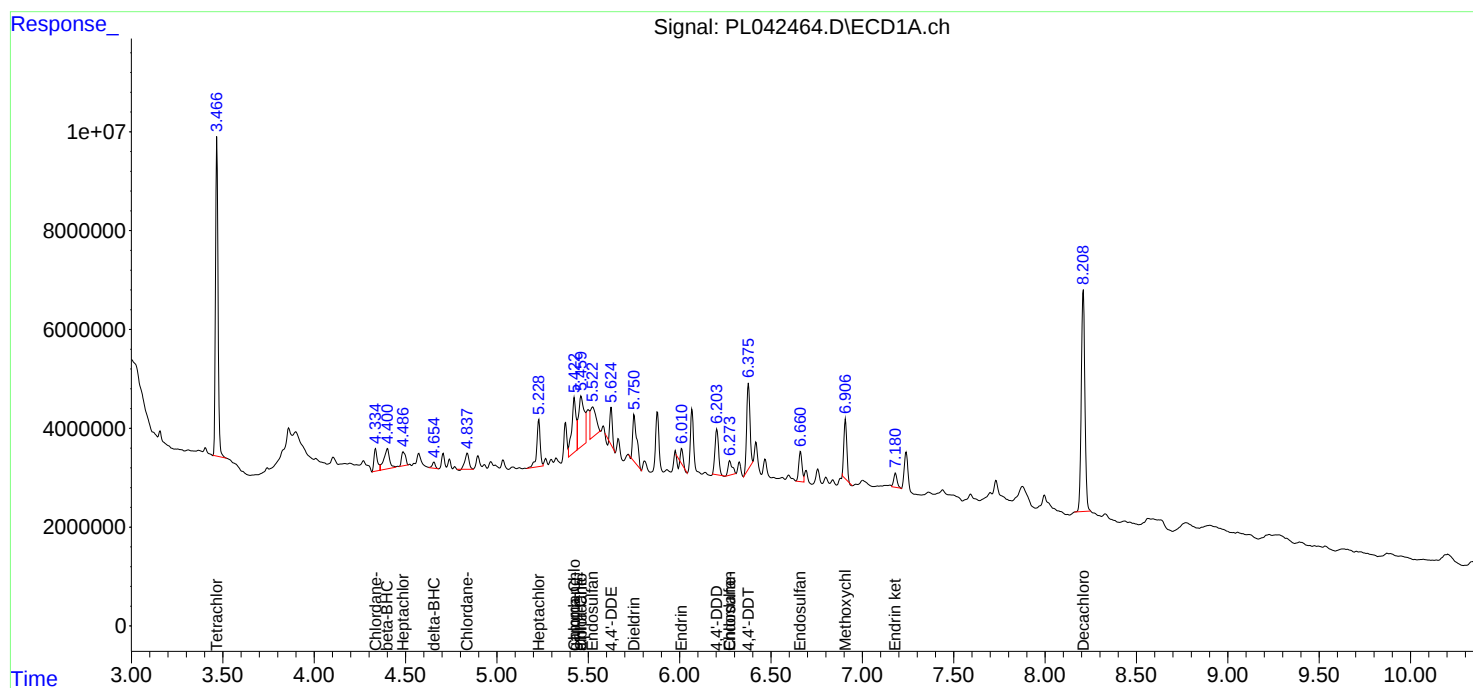
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

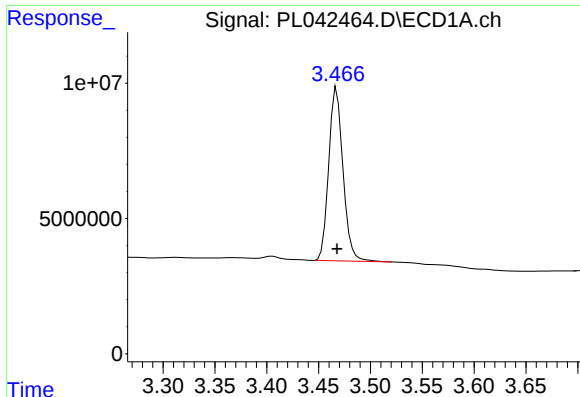
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112618\  
Data File : PL042464.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Nov 2018 17:59  
Operator : AJ\SJ  
Sample : J6028-08  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 27 00:34:32 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 20 02:29:59 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

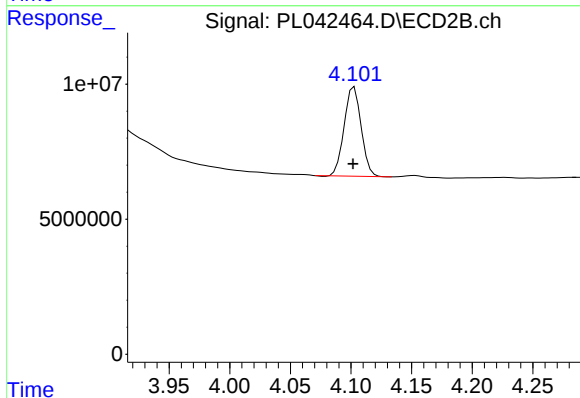




#1 Tetrachloro-m-xylene

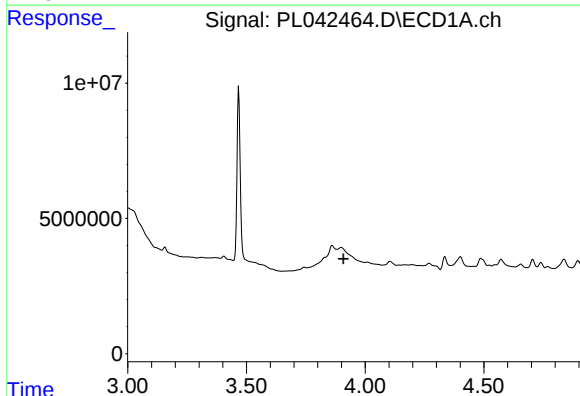
R.T.: 3.467 min  
Delta R.T.: 0.000 min  
Response: 61404664  
Conc: 10.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



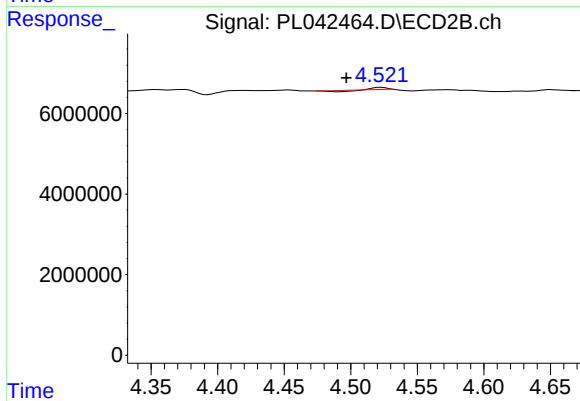
#1 Tetrachloro-m-xylene

R.T.: 4.103 min  
Delta R.T.: 0.001 min  
Response: 32197577  
Conc: 11.19 ng/ml



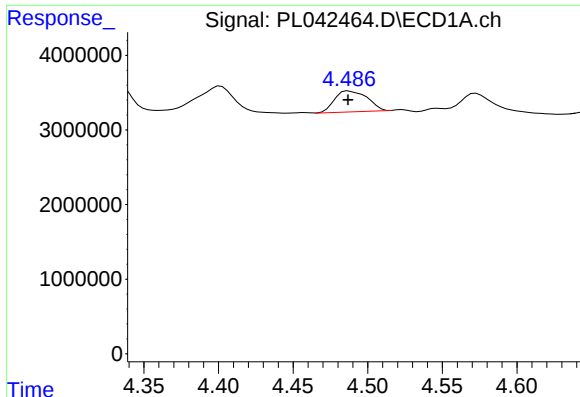
#2 alpha-BHC

R.T.: 3.861 min  
Delta R.T.: -0.047 min  
Response: -3874978  
Conc: N.D.



#2 alpha-BHC

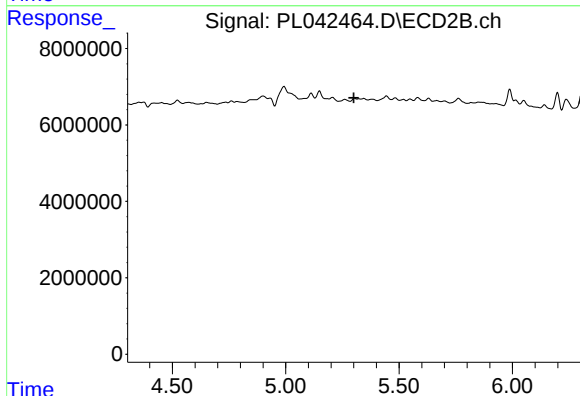
R.T.: 4.523 min  
Delta R.T.: 0.026 min  
Response: 97620  
Conc: 0.02 ng/ml



#4 Heptachlor

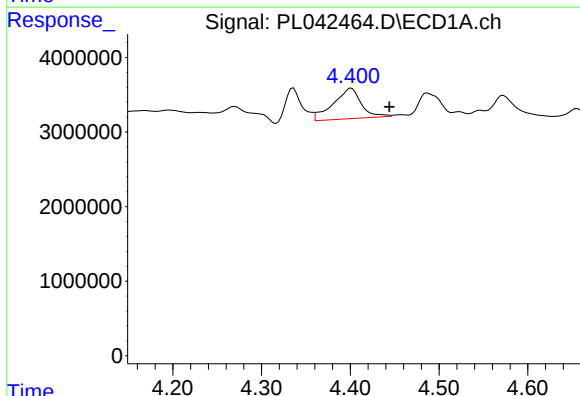
R.T.: 4.487 min  
Delta R.T.: 0.000 min  
Response: 4259988  
Conc: 0.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



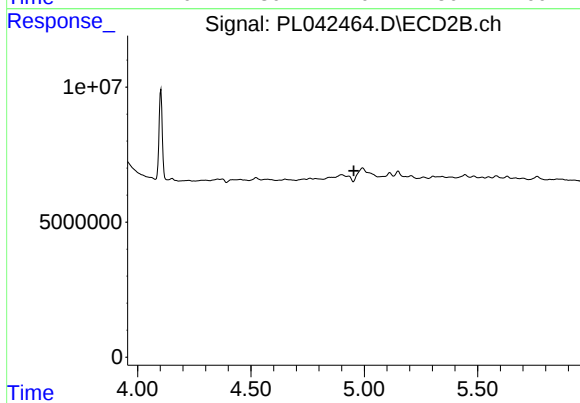
#4 Heptachlor

R.T.: 0.000 min  
Exp R.T. : 5.301 min  
Response: 0  
Conc: N.D.



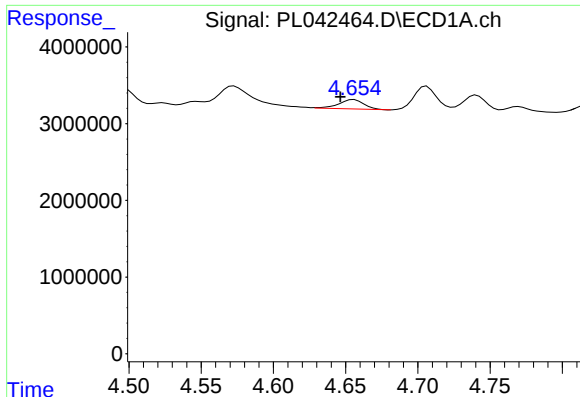
#6 beta-BHC

R.T.: 4.401 min  
Delta R.T.: -0.043 min  
Response: 8908745  
Conc: 2.51 ng/ml



#6 beta-BHC

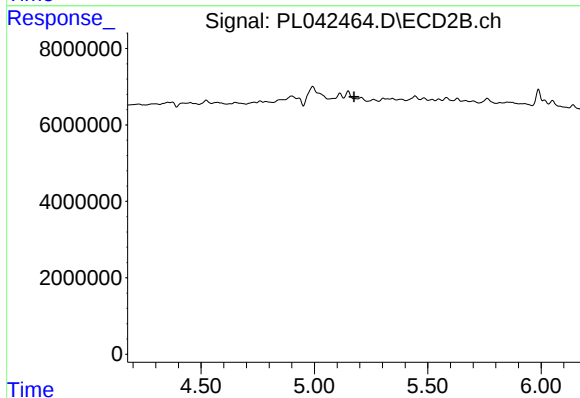
R.T.: 0.000 min  
Exp R.T. : 4.954 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

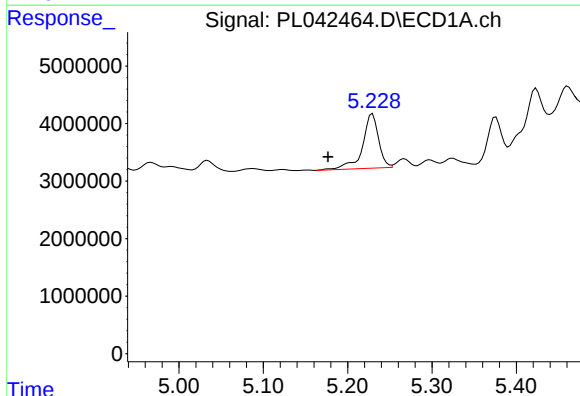
R.T.: 4.656 min  
Delta R.T.: 0.009 min  
Response: 1475343  
Conc: 0.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



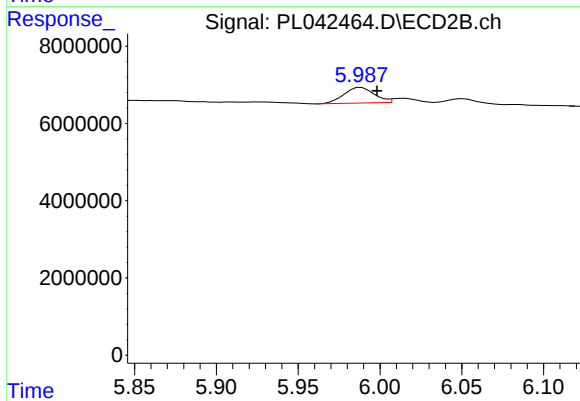
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.175 min  
Response: 0  
Conc: N.D.



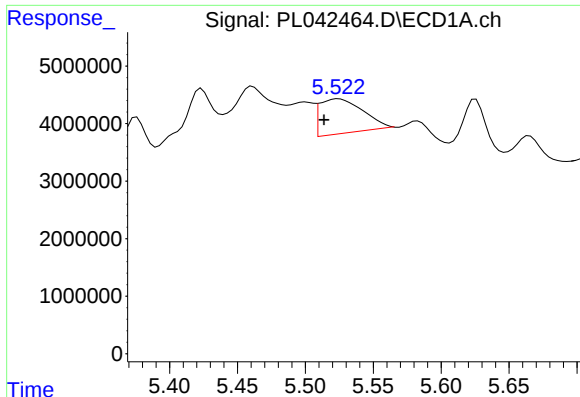
#8 Heptachlor epoxide

R.T.: 5.229 min  
Delta R.T.: 0.053 min  
Response: 12494953  
Conc: 1.65 ng/ml



#8 Heptachlor epoxide

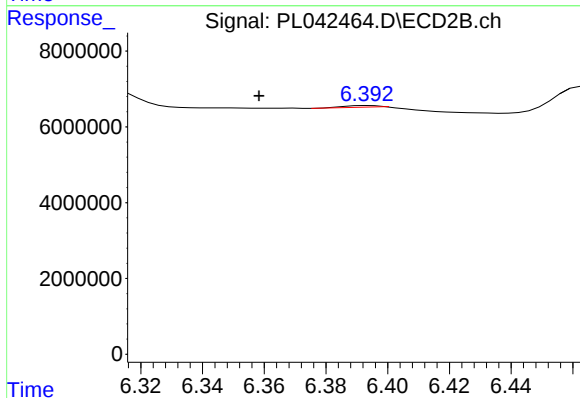
R.T.: 5.988 min  
Delta R.T.: -0.010 min  
Response: 5223431  
Conc: 1.46 ng/ml



#9 Endosulfan I

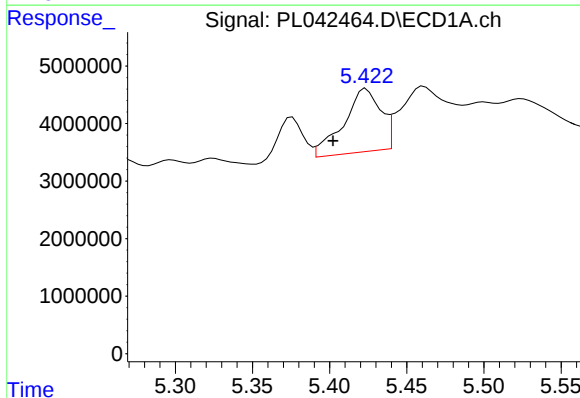
R.T.: 5.524 min  
Delta R.T.: 0.011 min  
Response: 13826510  
Conc: 2.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



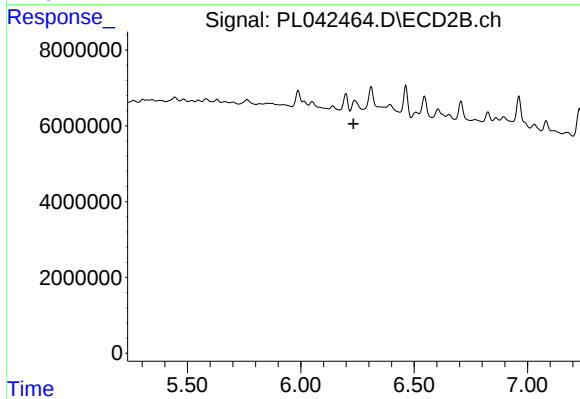
#9 Endosulfan I

R.T.: 6.394 min  
Delta R.T.: 0.035 min  
Response: 124965  
Conc: 0.04 ng/ml



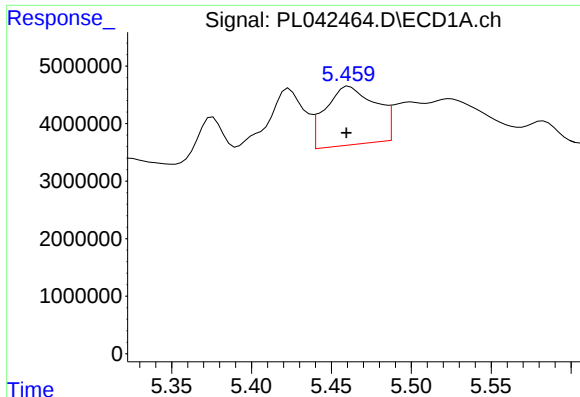
#10 gamma-Chlordane

R.T.: 5.424 min  
Delta R.T.: 0.021 min  
Response: 18315075  
Conc: 2.40 ng/ml



#10 gamma-Chlordane

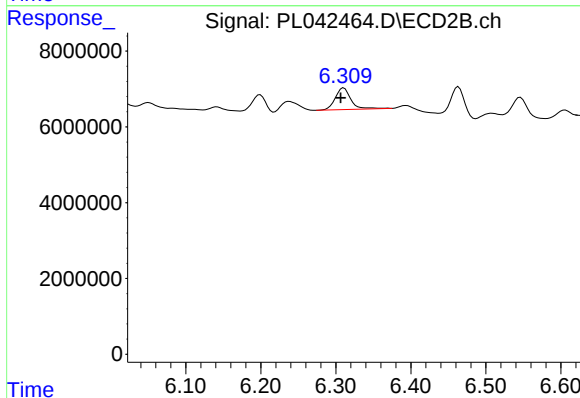
R.T.: 6.238 min  
Delta R.T.: 0.005 min  
Response: -2086340  
Conc: N.D.



#11 alpha-Chlordane

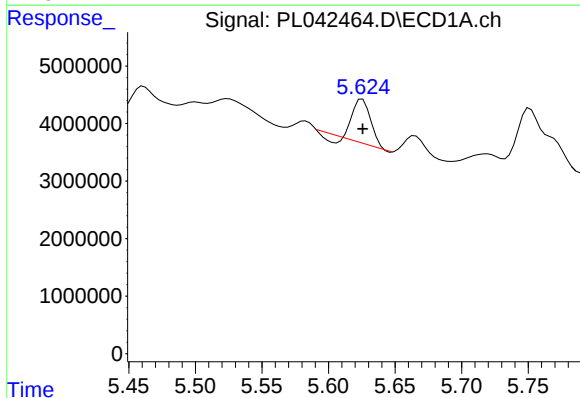
R.T.: 5.461 min  
Delta R.T.: 0.002 min  
Response: 22177156  
Conc: 2.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



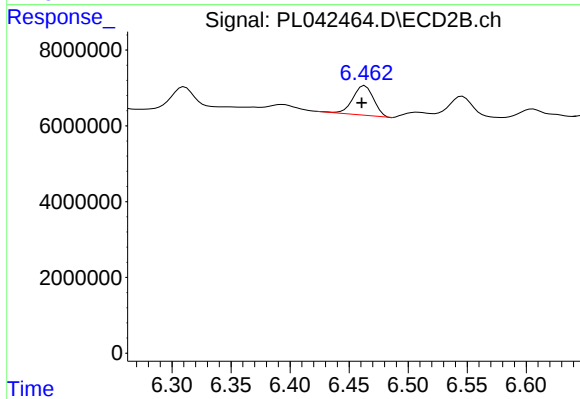
#11 alpha-Chlordane

R.T.: 6.311 min  
Delta R.T.: 0.004 min  
Response: 8273015  
Conc: 2.47 ng/ml



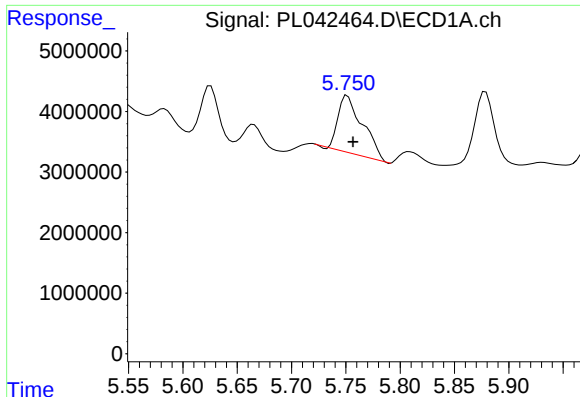
#12 4,4'-DDE

R.T.: 5.625 min  
Delta R.T.: 0.000 min  
Response: 6604434  
Conc: 1.01 ng/ml



#12 4,4'-DDE

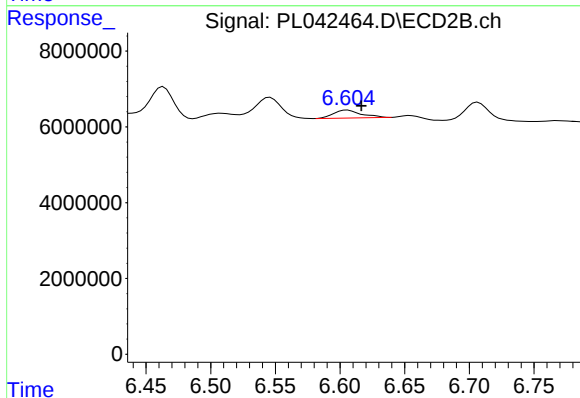
R.T.: 6.463 min  
Delta R.T.: 0.003 min  
Response: 9619697  
Conc: 2.89 ng/ml



#13 Dieldrin

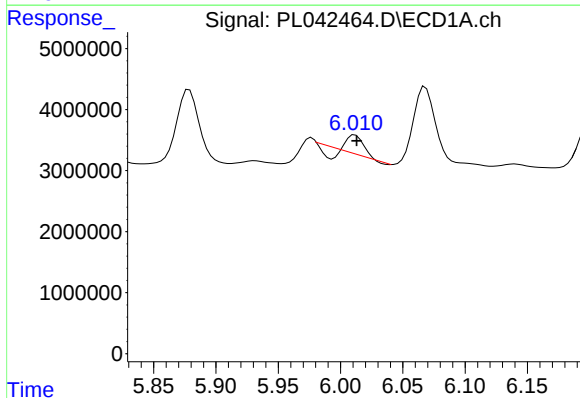
R.T.: 5.751 min  
Delta R.T.: -0.005 min  
Response: 15016041  
Conc: 2.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



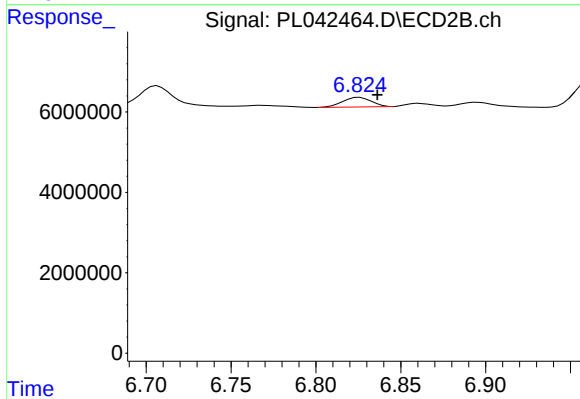
#13 Dieldrin

R.T.: 6.606 min  
Delta R.T.: -0.011 min  
Response: 3123797  
Conc: 0.94 ng/ml



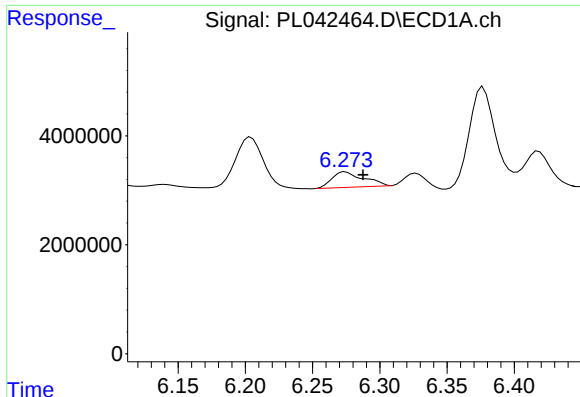
#14 Endrin

R.T.: 6.012 min  
Delta R.T.: -0.001 min  
Response: 1752749  
Conc: 0.27 ng/ml



#14 Endrin

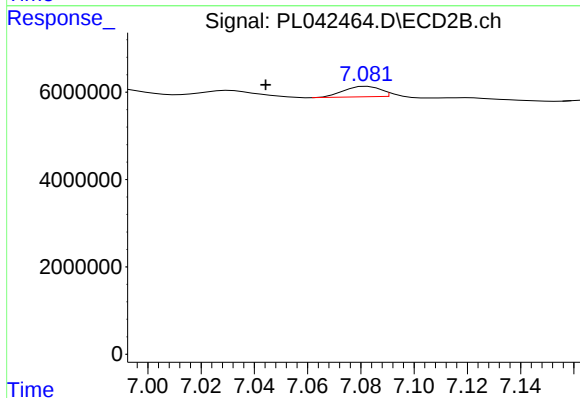
R.T.: 6.826 min  
Delta R.T.: -0.011 min  
Response: 2799002  
Conc: 1.02 ng/ml



#15 Endosulfan II

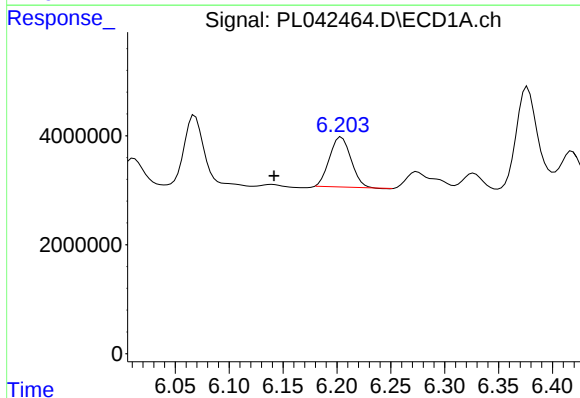
R.T.: 6.274 min  
Delta R.T.: -0.013 min  
Response: 4649915  
Conc: 0.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



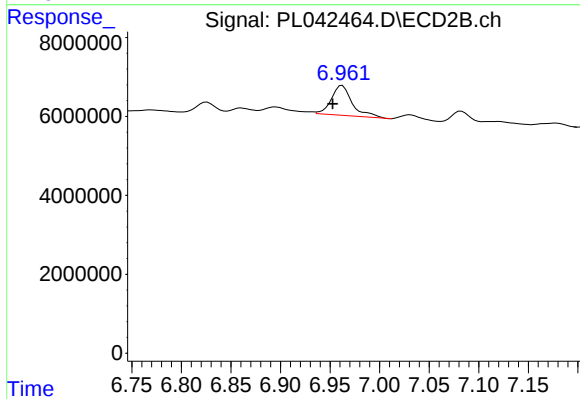
#15 Endosulfan II

R.T.: 7.082 min  
Delta R.T.: 0.038 min  
Response: 2283313  
Conc: 0.83 ng/ml



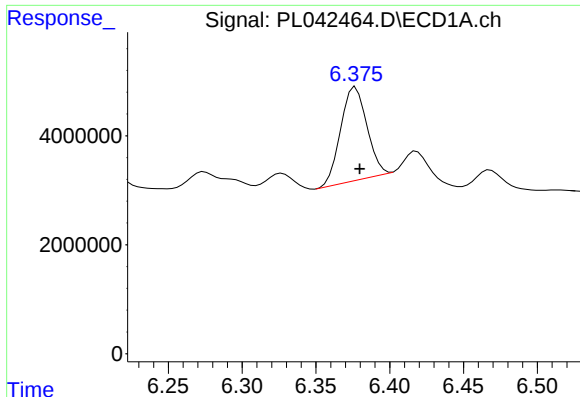
#16 4,4'-DDD

R.T.: 6.204 min  
Delta R.T.: 0.062 min  
Response: 12635639  
Conc: 2.39 ng/ml



#16 4,4'-DDD

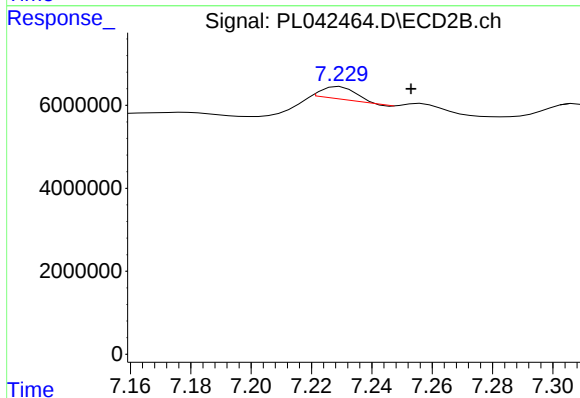
R.T.: 6.962 min  
Delta R.T.: 0.010 min  
Response: 11006605  
Conc: 4.18 ng/ml



#17 4,4'-DDT

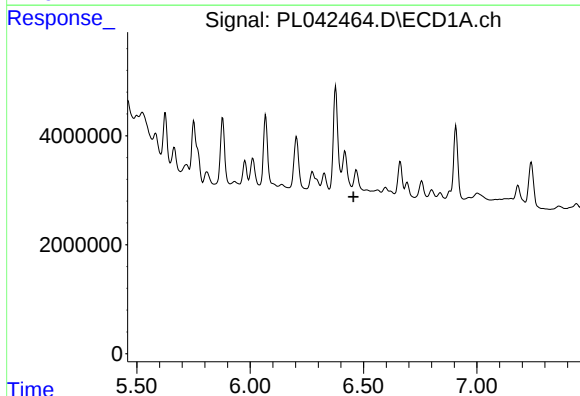
R.T.: 6.377 min  
Delta R.T.: -0.003 min  
Response: 21187684  
Conc: 3.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



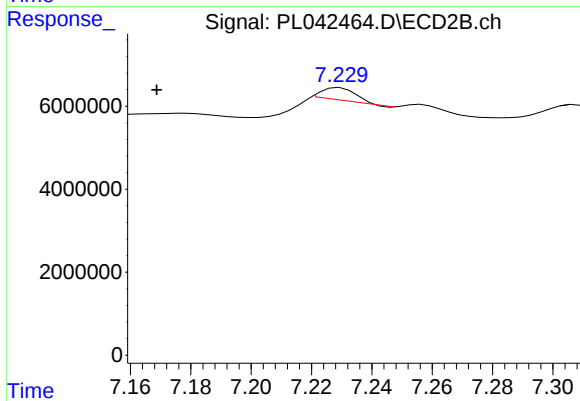
#17 4,4'-DDT

R.T.: 7.229 min  
Delta R.T.: -0.023 min  
Response: 2301371  
Conc: 0.87 ng/ml



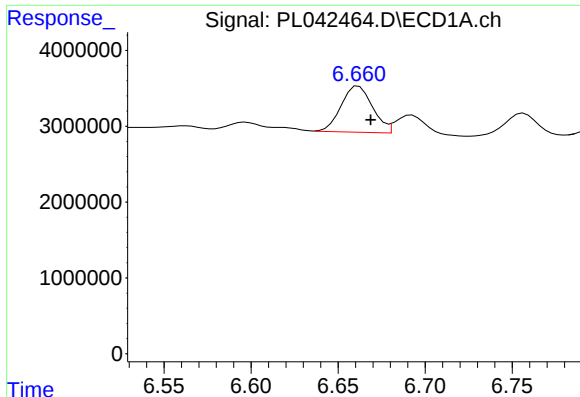
#18 Endrin aldehyde

R.T.: 6.468 min  
Delta R.T.: 0.012 min  
Response: -4180504  
Conc: N.D.



#18 Endrin aldehyde

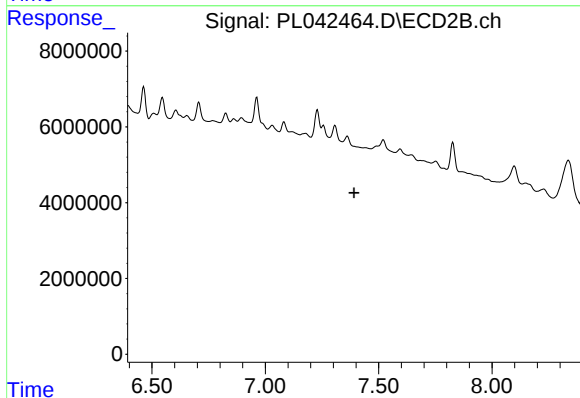
R.T.: 7.229 min  
Delta R.T.: 0.061 min  
Response: 2301371  
Conc: 1.00 ng/ml



#19 Endosulfan Sulfate

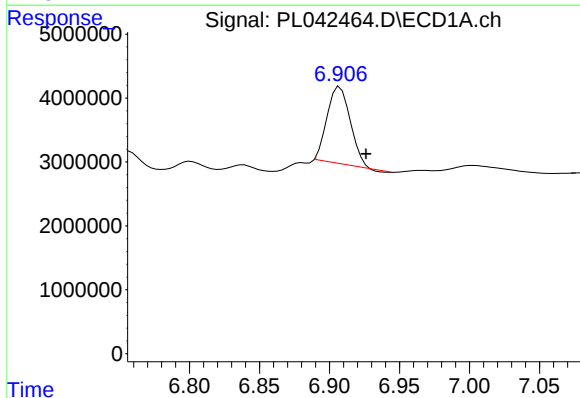
R.T.: 6.662 min  
Delta R.T.: -0.007 min  
Response: 7637311  
Conc: 1.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



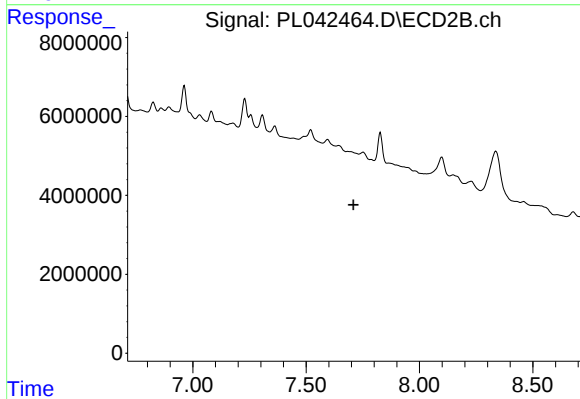
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.392 min  
Response: 0  
Conc: N.D.



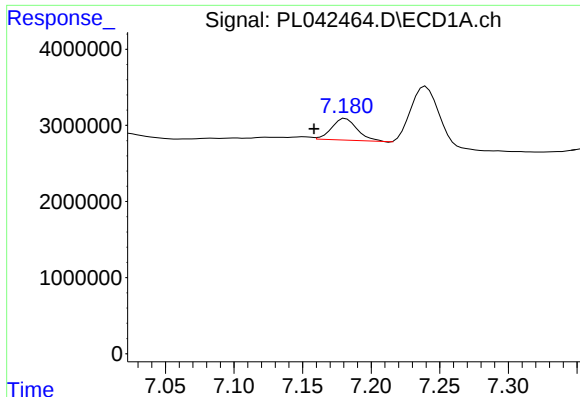
#20 Methoxychlor

R.T.: 6.907 min  
Delta R.T.: -0.019 min  
Response: 13771857  
Conc: 4.37 ng/ml



#20 Methoxychlor

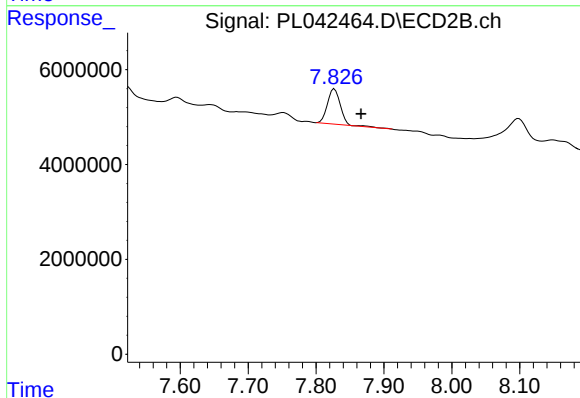
R.T.: 0.000 min  
Exp R.T. : 7.709 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

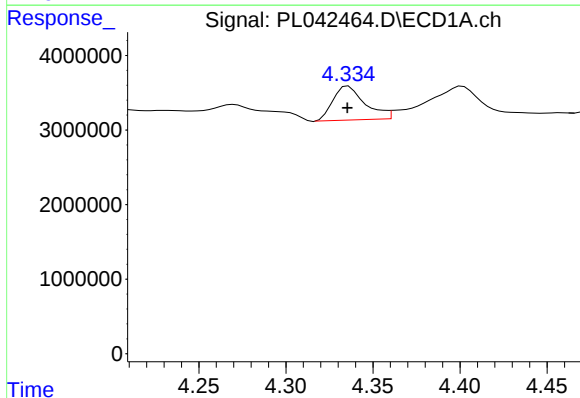
R.T.: 7.181 min  
Delta R.T.: 0.023 min  
Response: 3636730  
Conc: 0.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



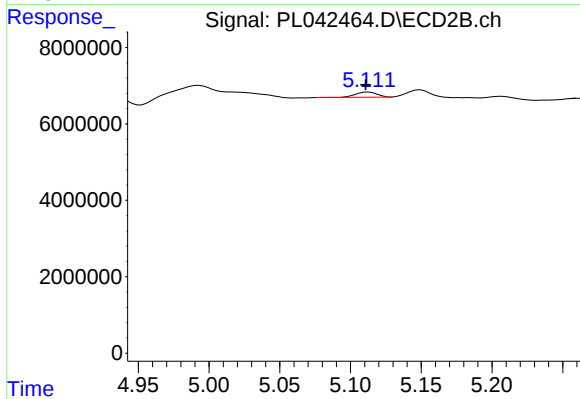
#21 Endrin ketone

R.T.: 7.827 min  
Delta R.T.: -0.039 min  
Response: 9779506  
Conc: 3.54 ng/ml



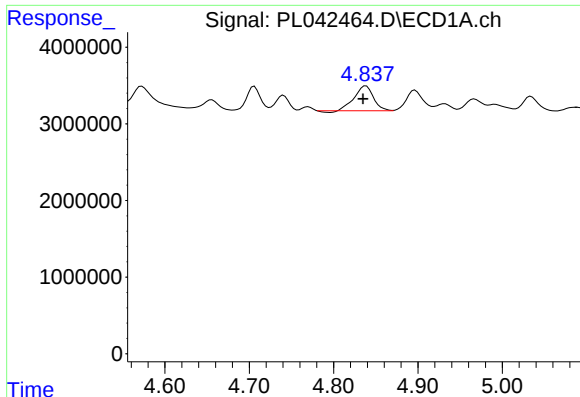
#23 Chlordane-1

R.T.: 4.336 min  
Delta R.T.: 0.000 min  
Response: 5804389  
Conc: 20.99 ng/ml



#23 Chlordane-1

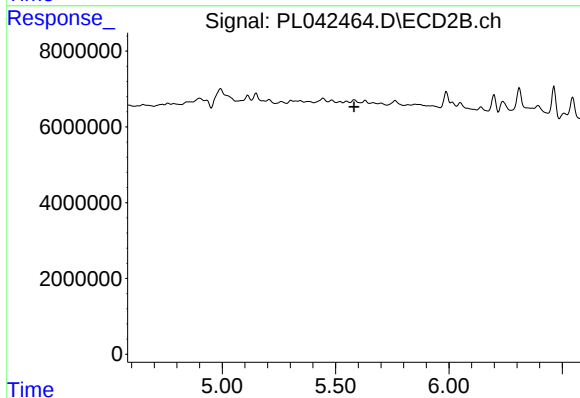
R.T.: 5.113 min  
Delta R.T.: 0.002 min  
Response: 1420591  
Conc: 10.69 ng/ml



#24 Chlordane-2

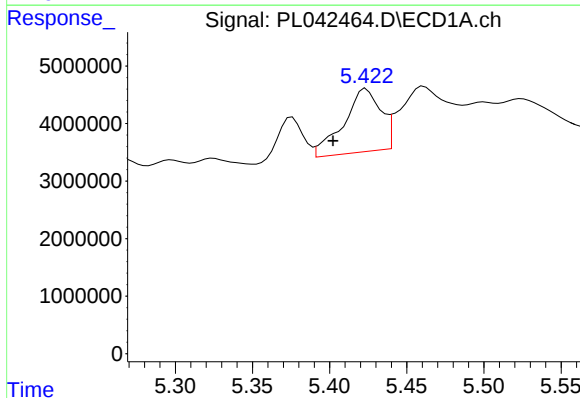
R.T.: 4.838 min  
Delta R.T.: 0.003 min  
Response: 5000204  
Conc: 17.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



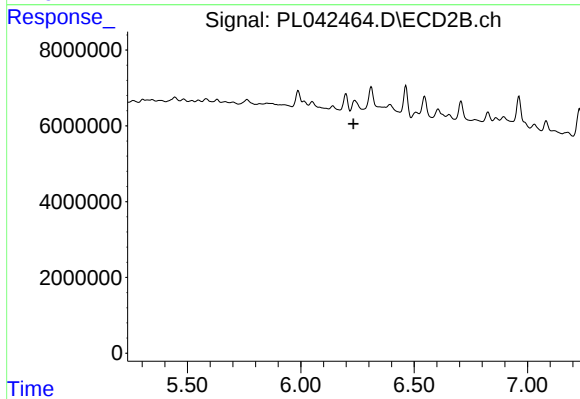
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.582 min  
Response: 0  
Conc: N.D.



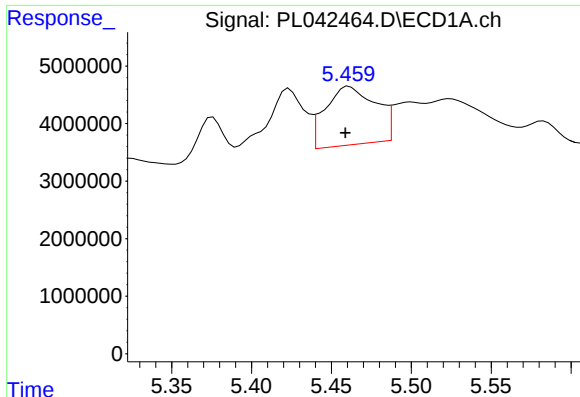
#25 Chlordane-3

R.T.: 5.424 min  
Delta R.T.: 0.021 min  
Response: 18315075  
Conc: 20.89 ng/ml



#25 Chlordane-3

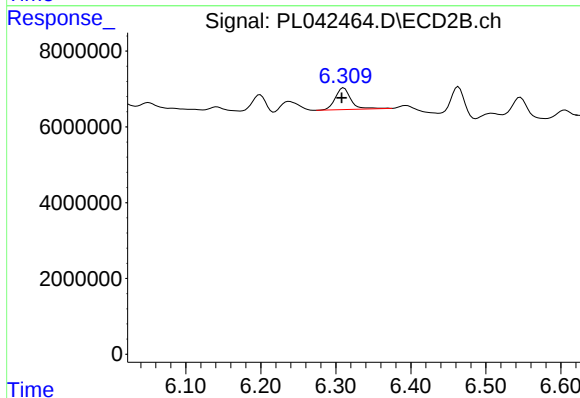
R.T.: 6.238 min  
Delta R.T.: 0.005 min  
Response: -2086340  
Conc: N.D.



#26 Chlordane-4

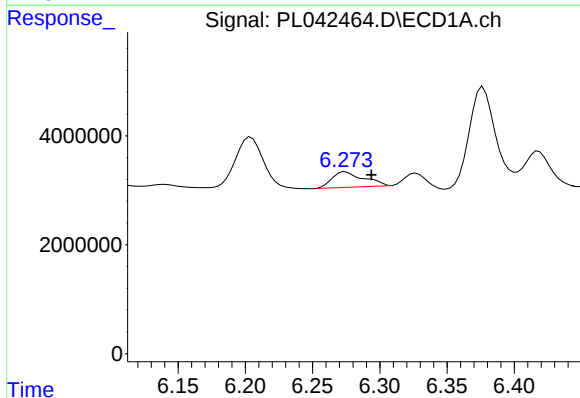
R.T.: 5.461 min  
Delta R.T.: 0.002 min  
Response: 22177156  
Conc: 29.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



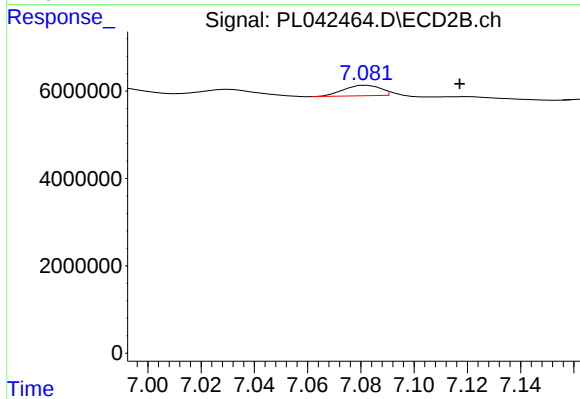
#26 Chlordane-4

R.T.: 6.311 min  
Delta R.T.: 0.003 min  
Response: 8273015  
Conc: 15.12 ng/ml



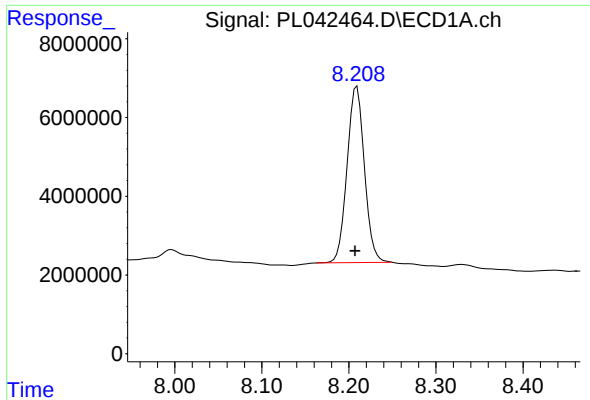
#27 Chlordane-5

R.T.: 6.274 min  
Delta R.T.: -0.019 min  
Response: 4649915  
Conc: 15.61 ng/ml



#27 Chlordane-5

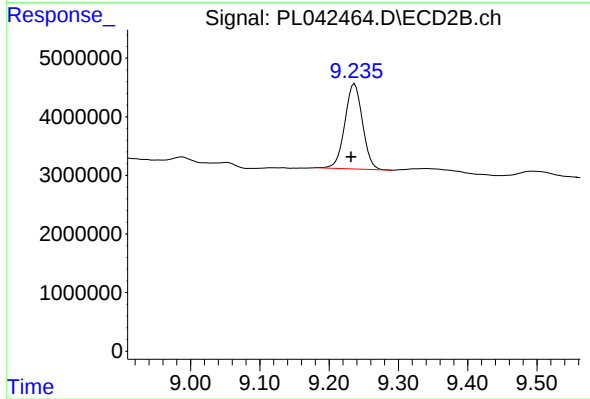
R.T.: 7.082 min  
Delta R.T.: -0.035 min  
Response: 2283313  
Conc: 23.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.209 min  
Delta R.T.: 0.002 min  
Response: 61937718  
Conc: 9.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.237 min  
Delta R.T.: 0.005 min  
Response: 25674560  
Conc: 10.65 ng/ml