

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112618\  
 Data File : PL042490.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Nov 2018 00:06  
 Operator : AJ\SJ  
 Sample : J6032-04DUP  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 27 00:41:32 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... | 3.469  | 4.102  | 134.8E6  | 69379378 | 22.911 | 24.122   |
| 2)                          | SA Decachlor... | 8.210  | 9.239  | 106.4E6  | 28723763 | 16.881 | 11.909 # |
| Target Compounds            |                 |        |        |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.900  | 4.523f | 81000158 | 23905439 | 8.977  | 5.582 #  |
| 3)                          | MA gamma-BHC... | 4.171  | 4.823f | 4409189  | 1347209  | 0.535  | 0.341 #  |
| 4)                          | MA Heptachlor   | 4.497  | 5.283  | 2857335  | 2690274  | 0.328  | 0.686 #  |
| 5)                          | MB Aldrin       | 4.751  | 5.619  | 8174023  | 5339445  | 1.007  | 1.390 #  |
| 6)                          | B beta-BHC      | 4.446  | 4.946  | 10283351 | 4437498  | 2.903  | 2.813    |
| 7)                          | B delta-BHC     | 4.635  | 5.165  | 10862006 | 5262396  | 1.418  | 1.430    |
| 8)                          | B Heptachlo...  | 5.198  | 5.997  | -473333  | 2553291  | N.D.   | 0.712    |
| 9)                          | A Endosulfan I  | 5.527  | 6.338  | 6076477  | 2693433  | 0.878  | 0.853    |
| 10)                         | B gamma-Chl...  | 5.394  | 6.247  | 6029459  | 2018252  | 0.791  | 0.593 #  |
| 11)                         | B alpha-Chl...  | 5.458  | 6.307  | 12818627 | 2776254  | 1.708  | 0.830 #  |
| 12)                         | B 4,4'-DDE      | 5.584f | 6.434  | 1375253  | 3940993  | 0.210  | 1.184 #  |
| 13)                         | MA Dieldrin     | 5.752  | 0.000  | 4933684  | 0        | 0.671  | N.D. #   |
| 14)                         | MA Endrin       | 6.015  | 6.868  | 5797121  | 1058069  | 0.886  | 0.384 #  |
| 15)                         | B Endosulfa...  | 6.300  | 6.995f | 2178399  | 616969   | 0.349  | 0.223 #  |
| 16)                         | A 4,4'-DDD      | 6.122  | 6.923  | 4124878  | 10107308 | 0.779  | 3.840 #  |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.263  | 0        | 2163396  | N.D.   | 0.819 #  |
| 18)                         | B Endrin al...  | 6.455  | 0.000  | 11446440 | 0        | 2.202  | N.D. #   |
| 19)                         | B Endosulfa...  | 6.663  | 0.000  | 6198649  | 0        | 0.993  | N.D. #   |
| 21)                         | B Endrin ke...  | 7.180  | 0.000  | 538651   | 0        | 0.078  | N.D. #   |
| 23)                         | Chlordane-1     | 4.316  | 5.096  | 3656097  | 4038250  | 13.224 | 30.378 # |
| 24)                         | Chlordane-2     | 4.835  | 5.619  | 20452776 | 5339445  | 72.780 | 38.291 # |
| 25)                         | Chlordane-3     | 5.394  | 6.247  | 6029459  | 2018252  | 6.878  | 4.295 #  |
| 26)                         | Chlordane-4     | 5.458  | 6.307  | 12818627 | 2776254  | 16.891 | 5.074 #  |
| 27)                         | Chlordane-5     | 6.300  | 0.000  | 2178399  | 0        | 7.311  | N.D. #   |
| -----                       |                 |        |        |          |          |        |          |

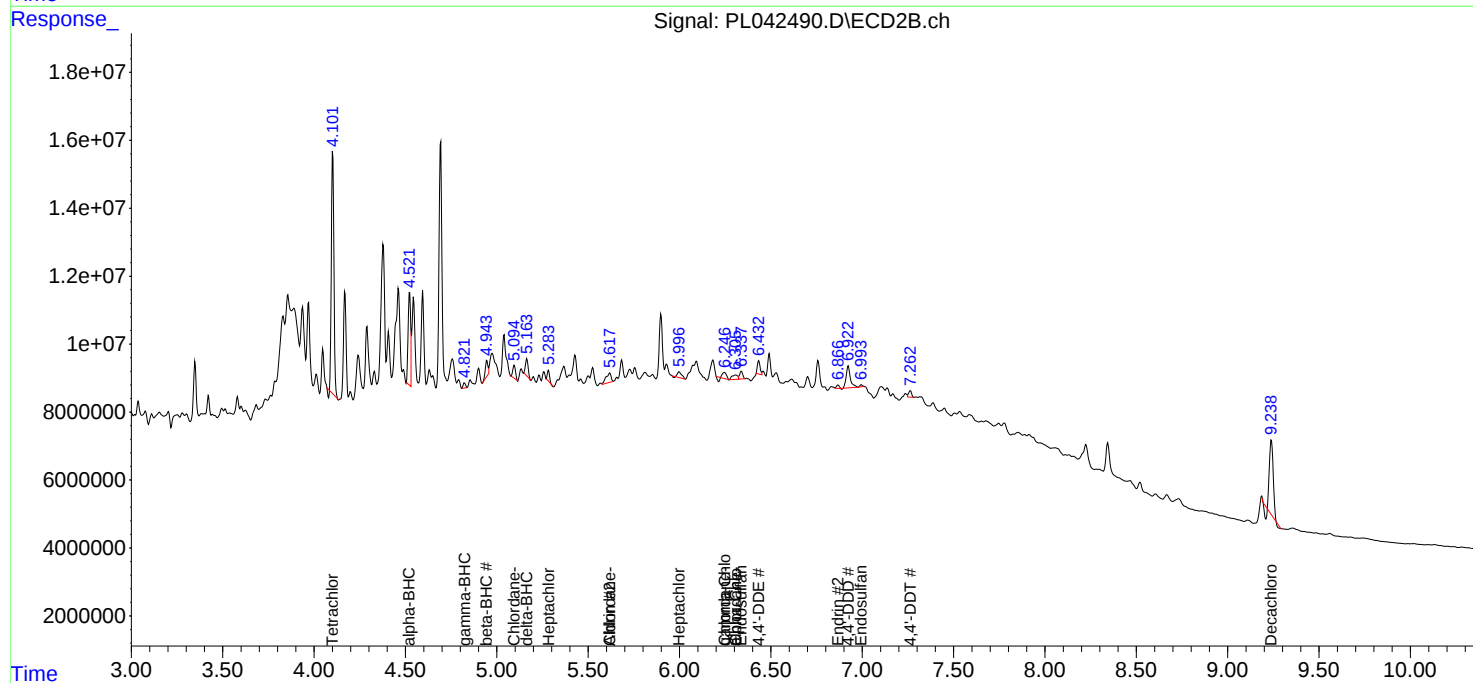
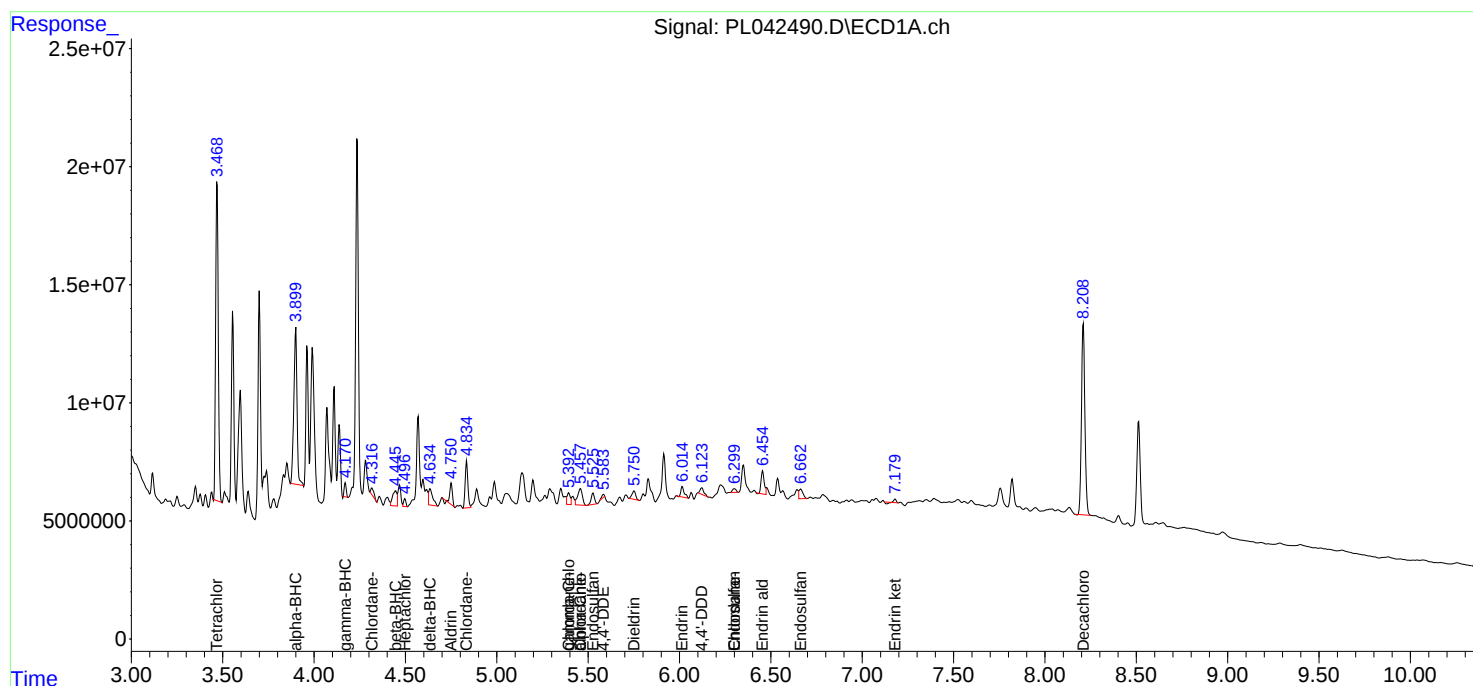
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

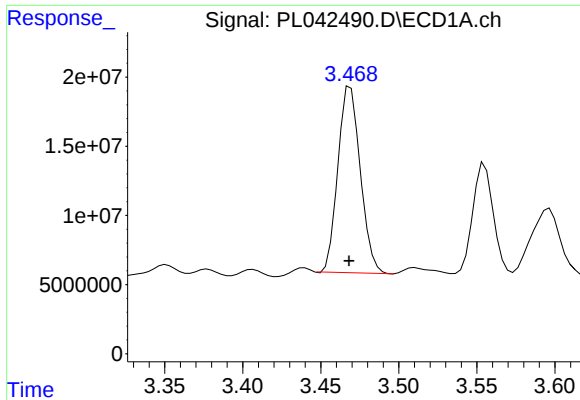
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112618\  
Data File : PL042490.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Nov 2018 00:06  
Operator : AJ\SJ  
Sample : J6032-04DUP  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
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Quant Time: Nov 27 00:41:32 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
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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

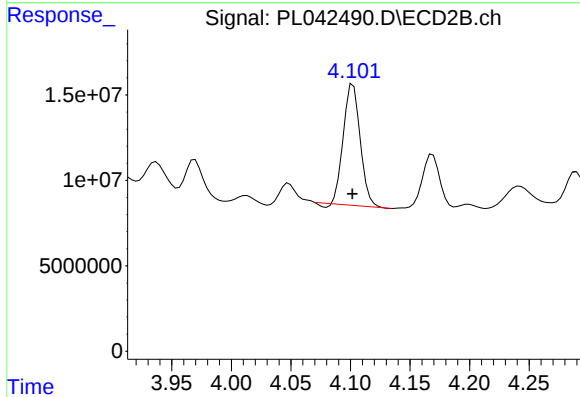




#1 Tetrachloro-m-xylene

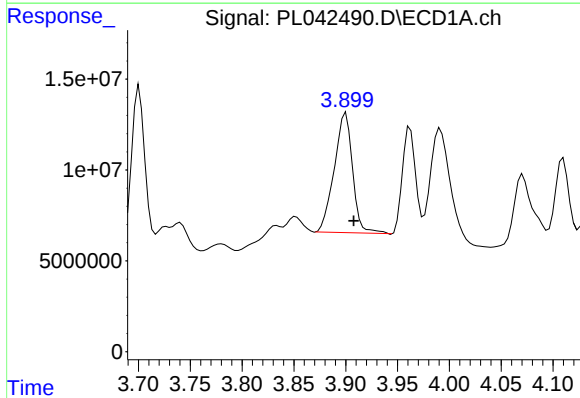
R.T.: 3.469 min  
Delta R.T.: 0.001 min  
Response: 134798067  
Conc: 22.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



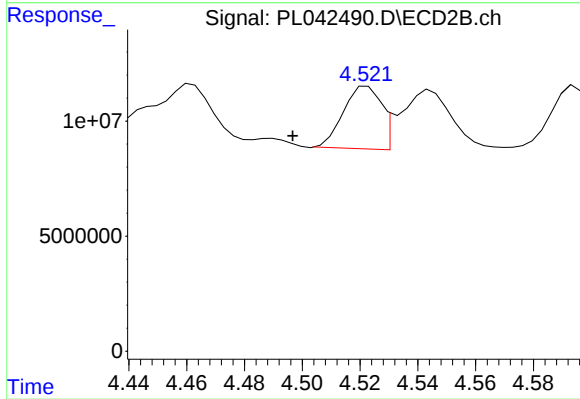
#1 Tetrachloro-m-xylene

R.T.: 4.102 min  
Delta R.T.: 0.000 min  
Response: 69379378  
Conc: 24.12 ng/ml



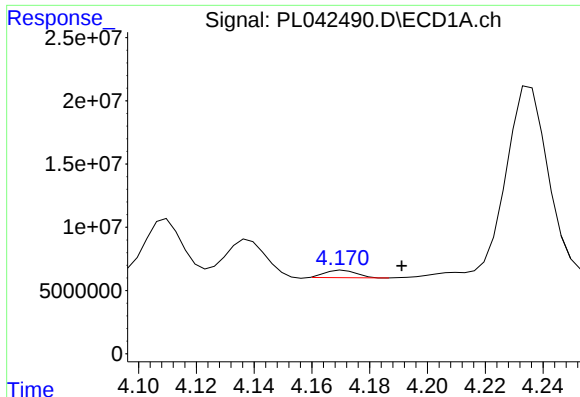
#2 alpha-BHC

R.T.: 3.900 min  
Delta R.T.: -0.008 min  
Response: 81000158  
Conc: 8.98 ng/ml



#2 alpha-BHC

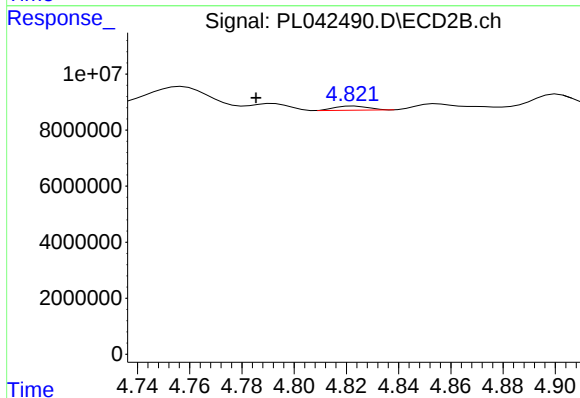
R.T.: 4.523 min  
Delta R.T.: 0.026 min  
Response: 23905439  
Conc: 5.58 ng/ml



#3 gamma-BHC (Lindane)

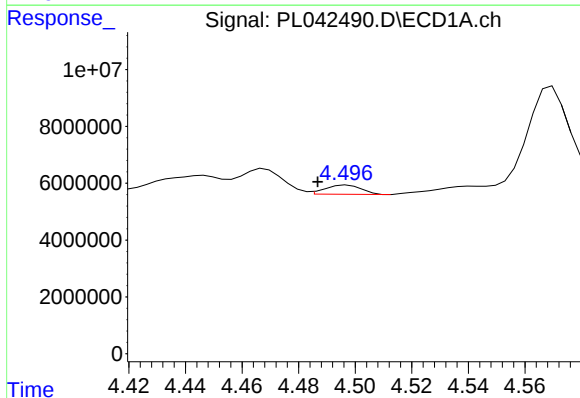
R.T.: 4.171 min  
Delta R.T.: -0.020 min  
Response: 4409189  
Conc: 0.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



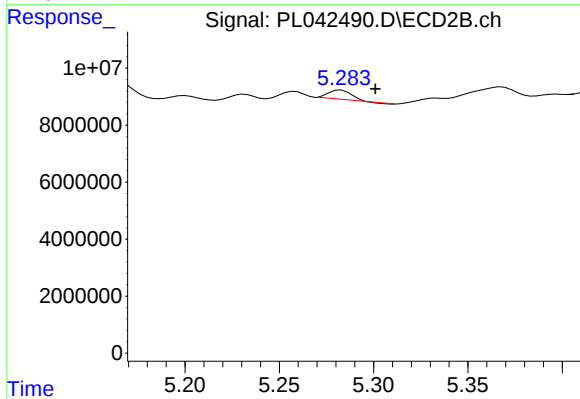
#3 gamma-BHC (Lindane)

R.T.: 4.823 min  
Delta R.T.: 0.037 min  
Response: 1347209  
Conc: 0.34 ng/ml



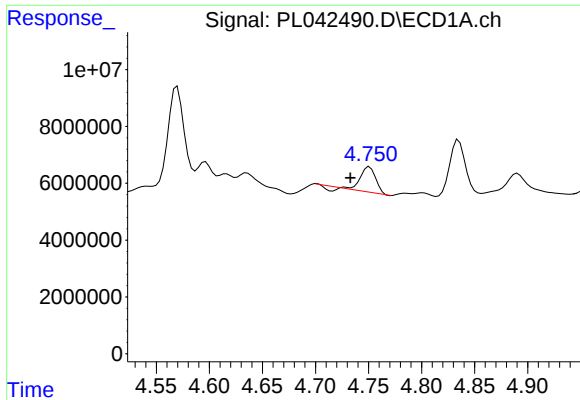
#4 Heptachlor

R.T.: 4.497 min  
Delta R.T.: 0.010 min  
Response: 2857335  
Conc: 0.33 ng/ml



#4 Heptachlor

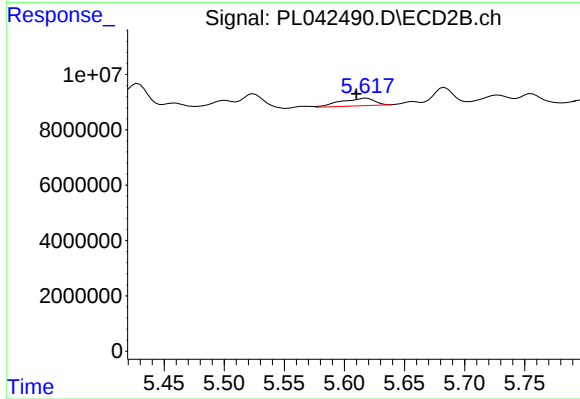
R.T.: 5.283 min  
Delta R.T.: -0.018 min  
Response: 2690274  
Conc: 0.69 ng/ml



#5 Aldrin

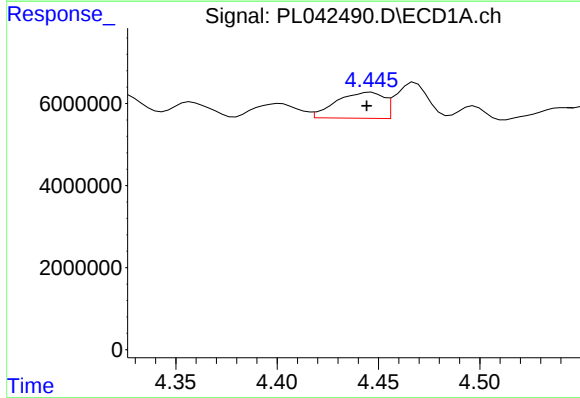
R.T.: 4.751 min  
Delta R.T.: 0.018 min  
Response: 8174023  
Conc: 1.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



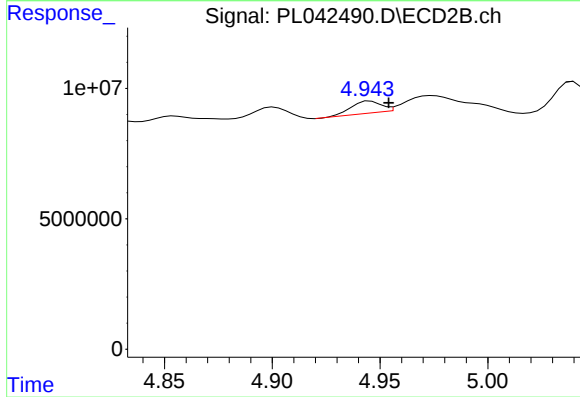
#5 Aldrin

R.T.: 5.619 min  
Delta R.T.: 0.009 min  
Response: 5339445  
Conc: 1.39 ng/ml



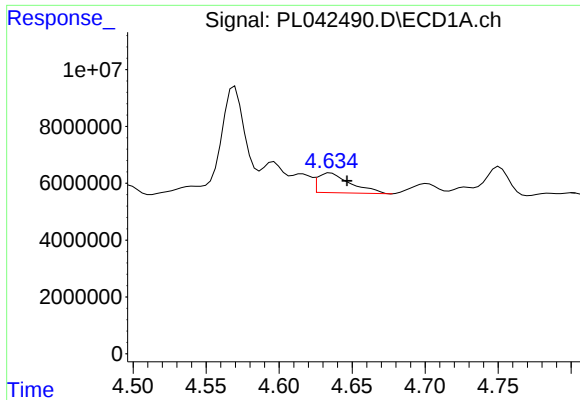
#6 beta-BHC

R.T.: 4.446 min  
Delta R.T.: 0.002 min  
Response: 10283351  
Conc: 2.90 ng/ml



#6 beta-BHC

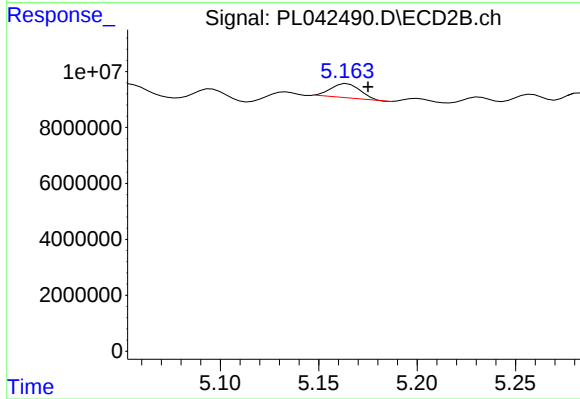
R.T.: 4.946 min  
Delta R.T.: -0.008 min  
Response: 4437498  
Conc: 2.81 ng/ml



#7 delta-BHC

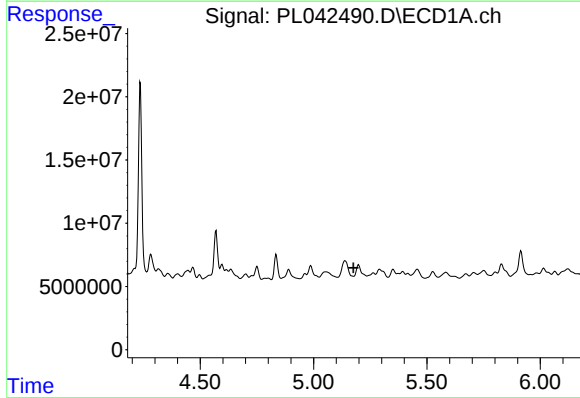
R.T.: 4.635 min  
Delta R.T.: -0.011 min  
Response: 10862006  
Conc: 1.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



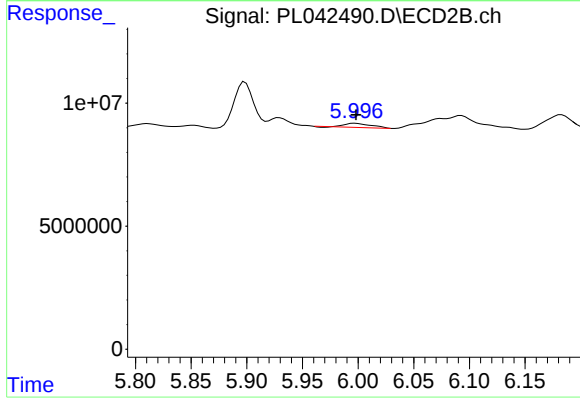
#7 delta-BHC

R.T.: 5.165 min  
Delta R.T.: -0.010 min  
Response: 5262396  
Conc: 1.43 ng/ml



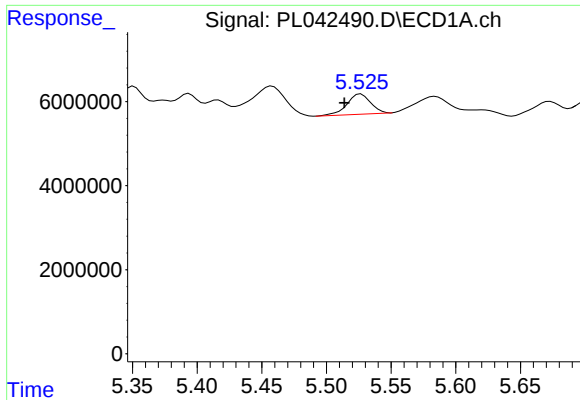
#8 Heptachlor epoxide

R.T.: 5.198 min  
Delta R.T.: 0.022 min  
Response: -473333  
Conc: N.D.



#8 Heptachlor epoxide

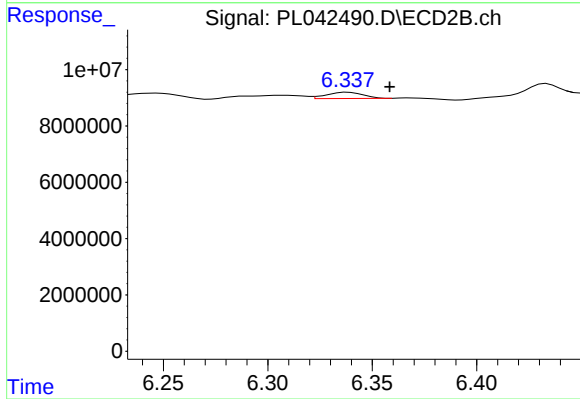
R.T.: 5.997 min  
Delta R.T.: 0.000 min  
Response: 2553291  
Conc: 0.71 ng/ml



#9 Endosulfan I

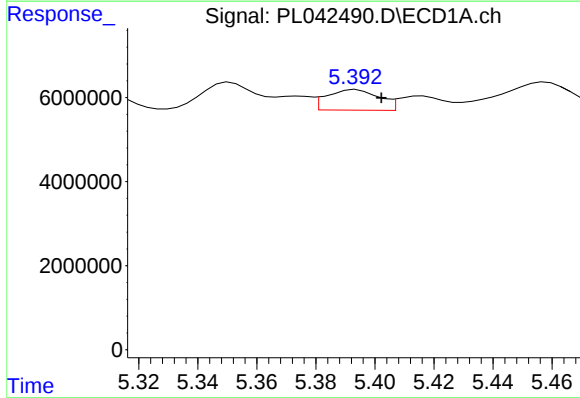
R.T.: 5.527 min  
Delta R.T.: 0.013 min  
Response: 6076477  
Conc: 0.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



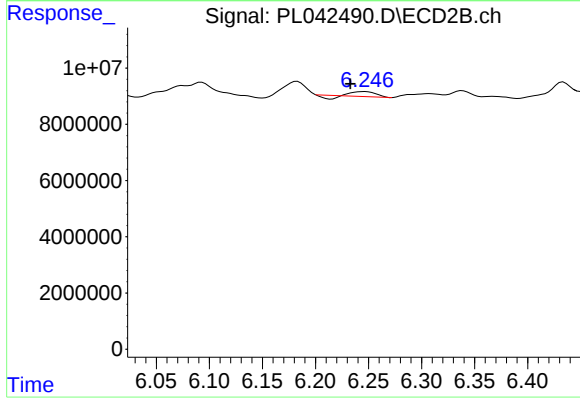
#9 Endosulfan I

R.T.: 6.338 min  
Delta R.T.: -0.020 min  
Response: 2693433  
Conc: 0.85 ng/ml



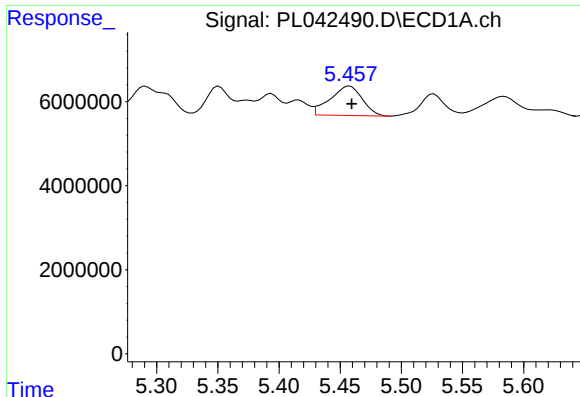
#10 gamma-Chlordane

R.T.: 5.394 min  
Delta R.T.: -0.009 min  
Response: 6029459  
Conc: 0.79 ng/ml



#10 gamma-Chlordane

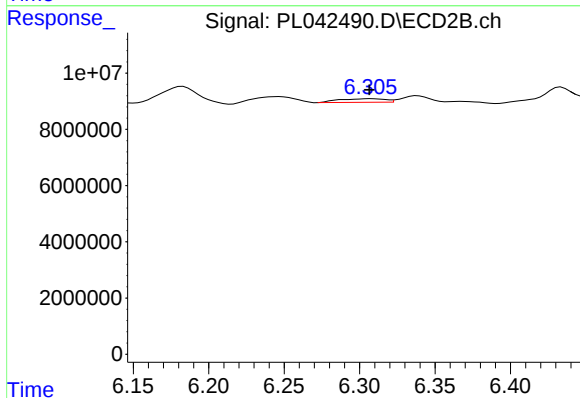
R.T.: 6.247 min  
Delta R.T.: 0.014 min  
Response: 2018252  
Conc: 0.59 ng/ml



#11 alpha-Chlordane

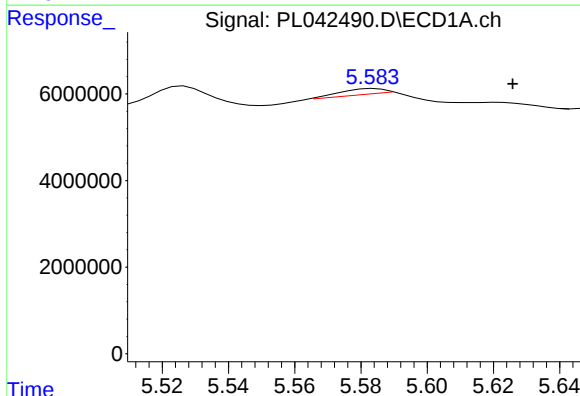
R.T.: 5.458 min  
Delta R.T.: -0.002 min  
Response: 12818627  
Conc: 1.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



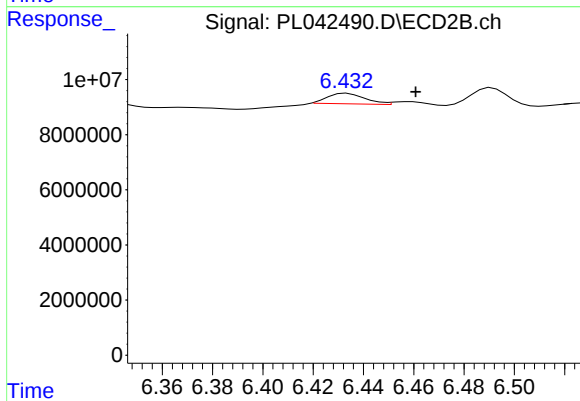
#11 alpha-Chlordane

R.T.: 6.307 min  
Delta R.T.: 0.000 min  
Response: 2776254  
Conc: 0.83 ng/ml



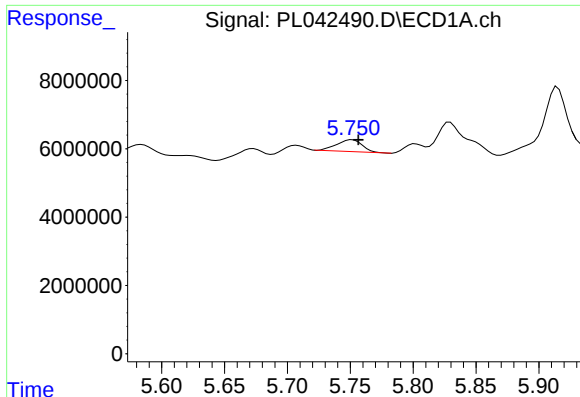
#12 4,4'-DDE

R.T.: 5.584 min  
Delta R.T.: -0.042 min  
Response: 1375253  
Conc: 0.21 ng/ml



#12 4,4'-DDE

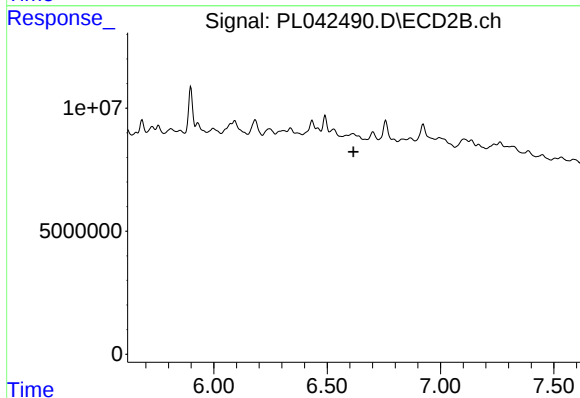
R.T.: 6.434 min  
Delta R.T.: -0.027 min  
Response: 3940993  
Conc: 1.18 ng/ml



#13 Dieldrin

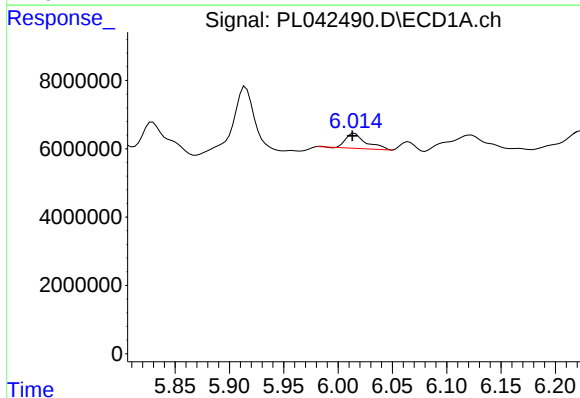
R.T.: 5.752 min  
Delta R.T.: -0.005 min  
Response: 4933684  
Conc: 0.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



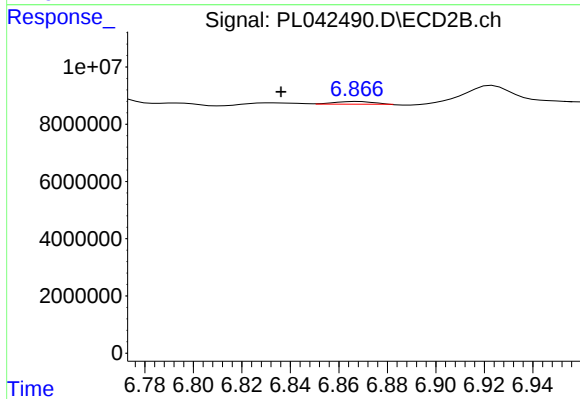
#13 Dieldrin

R.T.: 0.000 min  
Exp R.T. : 6.617 min  
Response: 0  
Conc: N.D.



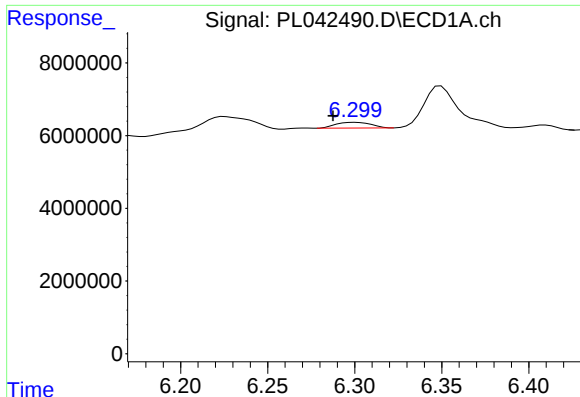
#14 Endrin

R.T.: 6.015 min  
Delta R.T.: 0.002 min  
Response: 5797121  
Conc: 0.89 ng/ml



#14 Endrin

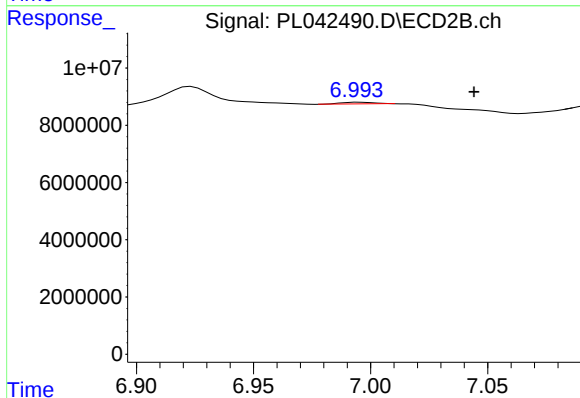
R.T.: 6.868 min  
Delta R.T.: 0.032 min  
Response: 1058069  
Conc: 0.38 ng/ml



#15 Endosulfan II

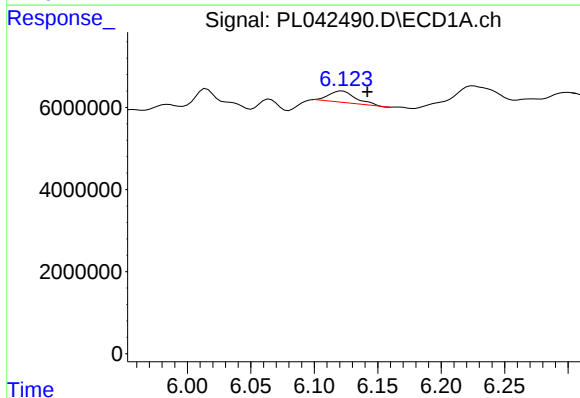
R.T.: 6.300 min  
Delta R.T.: 0.013 min  
Response: 2178399  
Conc: 0.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



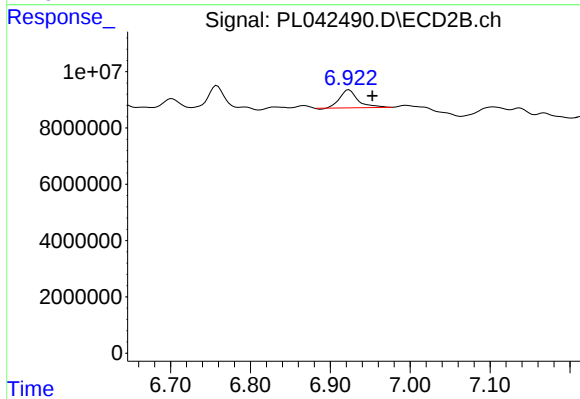
#15 Endosulfan II

R.T.: 6.995 min  
Delta R.T.: -0.050 min  
Response: 616969  
Conc: 0.22 ng/ml



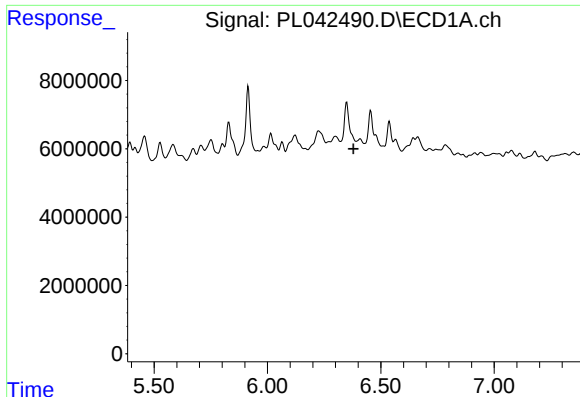
#16 4,4'-DDD

R.T.: 6.122 min  
Delta R.T.: -0.020 min  
Response: 4124878  
Conc: 0.78 ng/ml



#16 4,4'-DDD

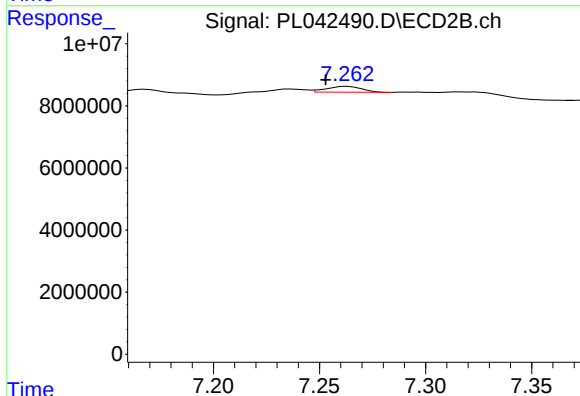
R.T.: 6.923 min  
Delta R.T.: -0.029 min  
Response: 10107308  
Conc: 3.84 ng/ml



#17 4,4'-DDT

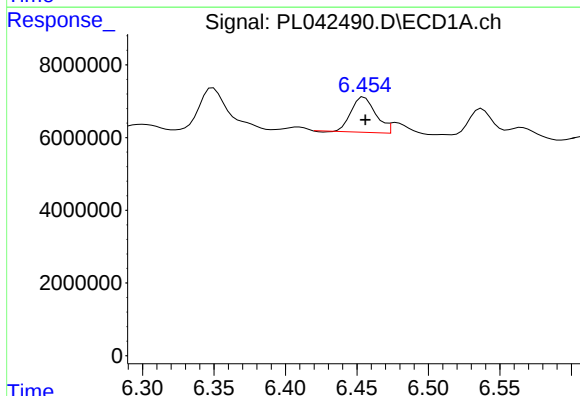
R.T.: 0.000 min  
Exp R.T.: 6.380 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



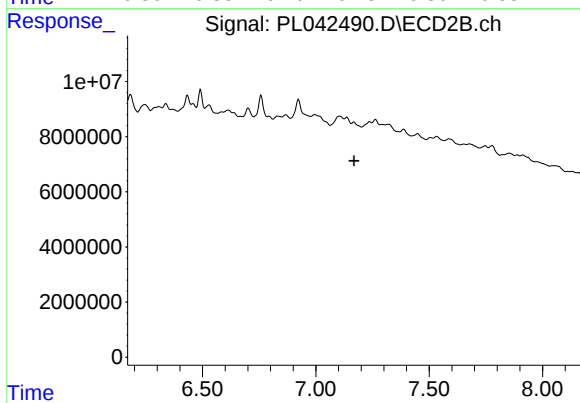
#17 4,4'-DDT

R.T.: 7.263 min  
Delta R.T.: 0.010 min  
Response: 2163396  
Conc: 0.82 ng/ml



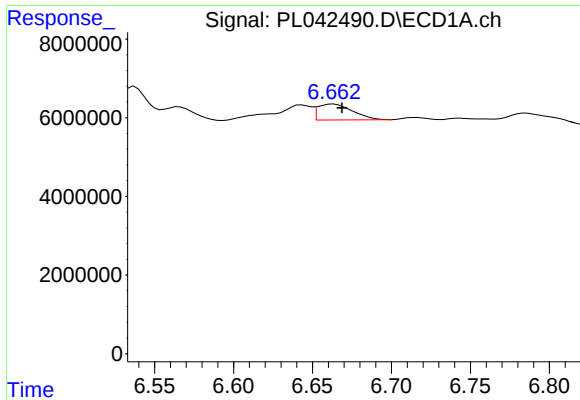
#18 Endrin aldehyde

R.T.: 6.455 min  
Delta R.T.: 0.000 min  
Response: 11446440  
Conc: 2.20 ng/ml



#18 Endrin aldehyde

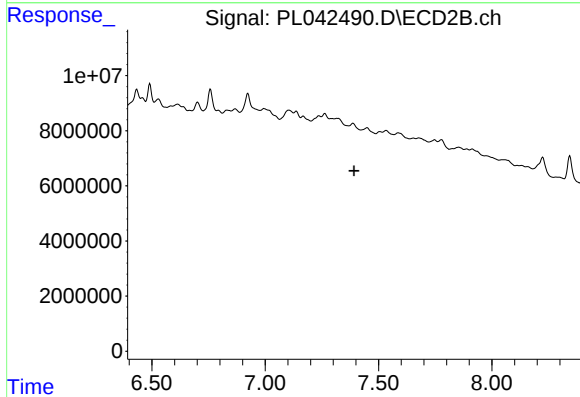
R.T.: 0.000 min  
Exp R.T.: 7.169 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

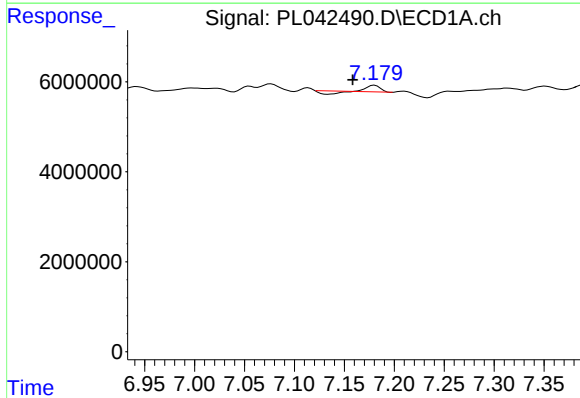
R.T.: 6.663 min  
Delta R.T.: -0.005 min  
Response: 6198649  
Conc: 0.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



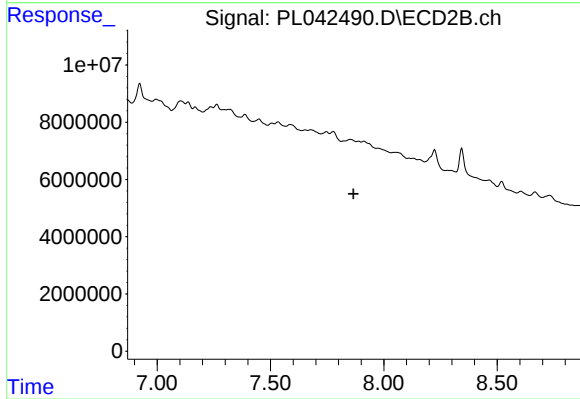
#19 Endosulfan Sulfate

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



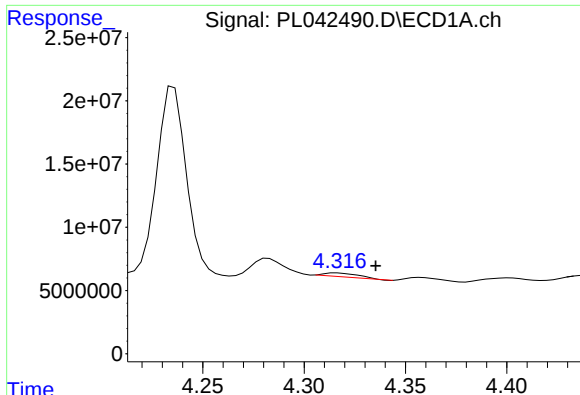
#21 Endrin ketone

R.T.: 7.180 min  
Delta R.T.: 0.022 min  
Response: 538651  
Conc: 0.08 ng/ml



#21 Endrin ketone

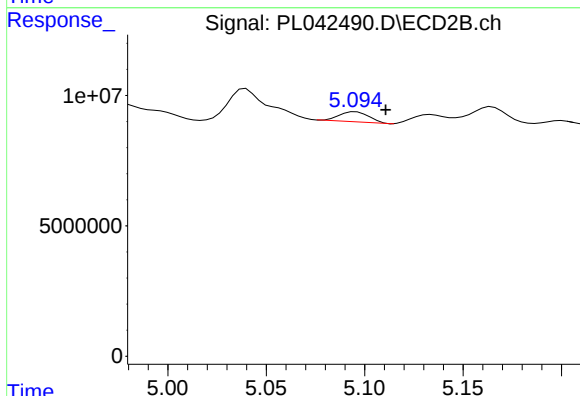
R.T.: 0.000 min  
Exp R.T. : 7.867 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

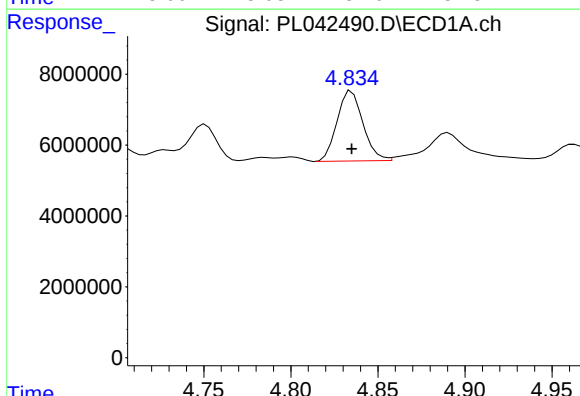
R.T.: 4.316 min  
Delta R.T.: -0.019 min  
Response: 3656097  
Conc: 13.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



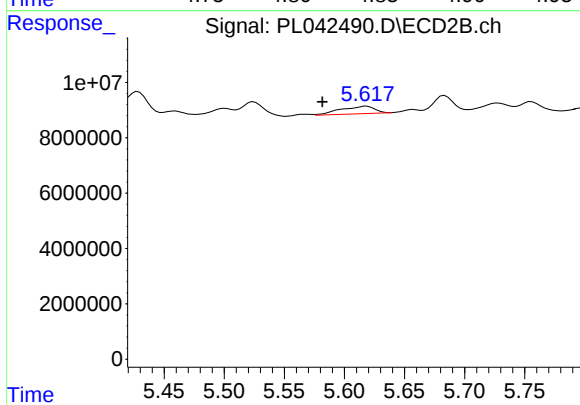
#23 Chlordane-1

R.T.: 5.096 min  
Delta R.T.: -0.015 min  
Response: 4038250  
Conc: 30.38 ng/ml



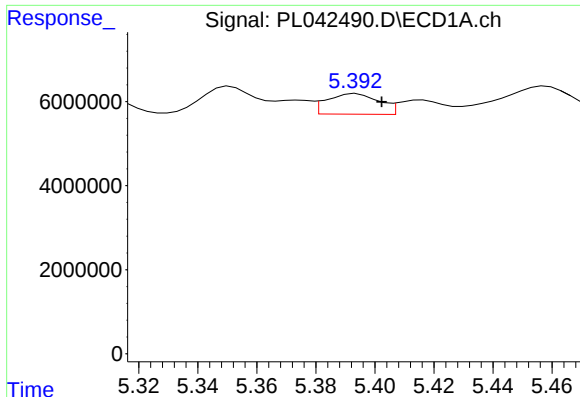
#24 Chlordane-2

R.T.: 4.835 min  
Delta R.T.: 0.000 min  
Response: 20452776  
Conc: 72.78 ng/ml



#24 Chlordane-2

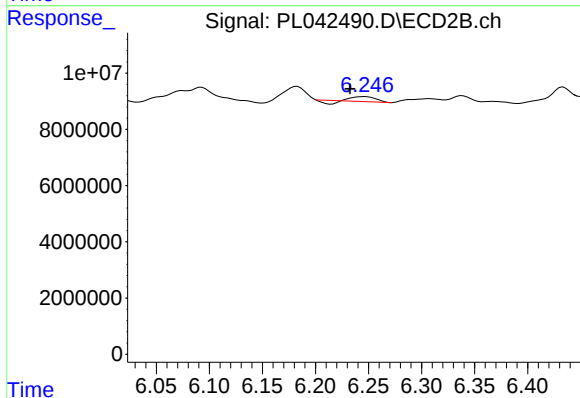
R.T.: 5.619 min  
Delta R.T.: 0.037 min  
Response: 5339445  
Conc: 38.29 ng/ml



#25 Chlordane-3

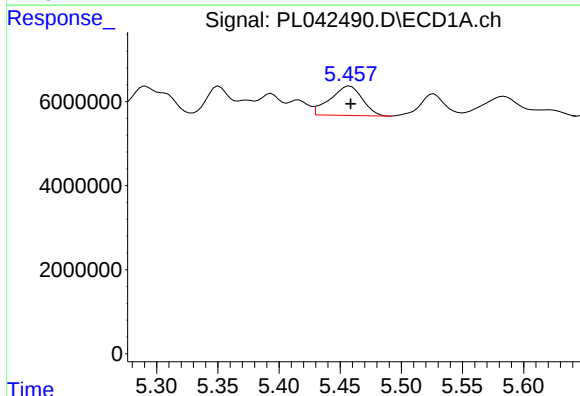
R.T.: 5.394 min  
Delta R.T.: -0.009 min  
Response: 6029459  
Conc: 6.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



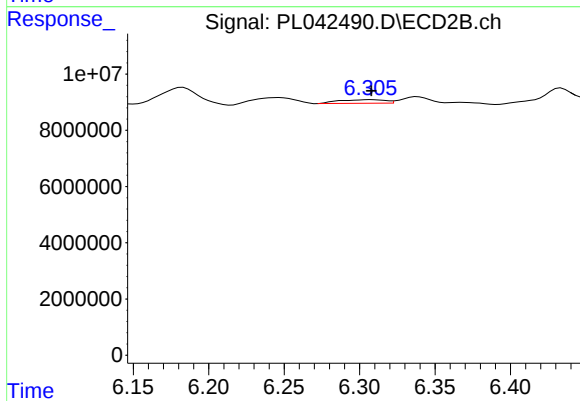
#25 Chlordane-3

R.T.: 6.247 min  
Delta R.T.: 0.014 min  
Response: 2018252  
Conc: 4.29 ng/ml



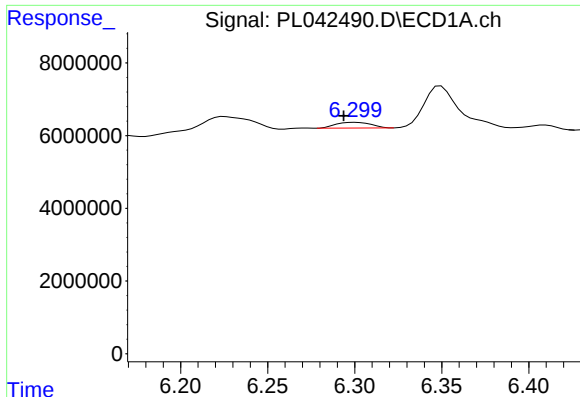
#26 Chlordane-4

R.T.: 5.458 min  
Delta R.T.: 0.000 min  
Response: 12818627  
Conc: 16.89 ng/ml



#26 Chlordane-4

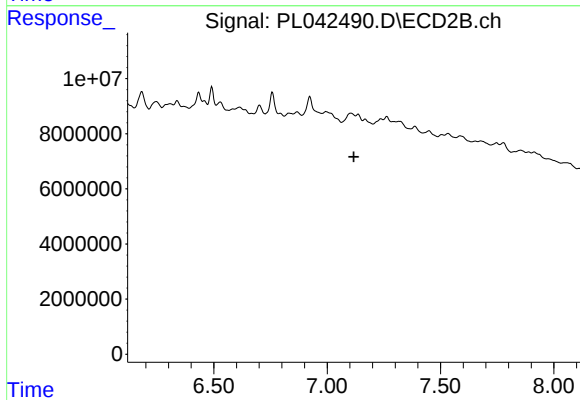
R.T.: 6.307 min  
Delta R.T.: 0.000 min  
Response: 2776254  
Conc: 5.07 ng/ml



#27 Chlordane-5

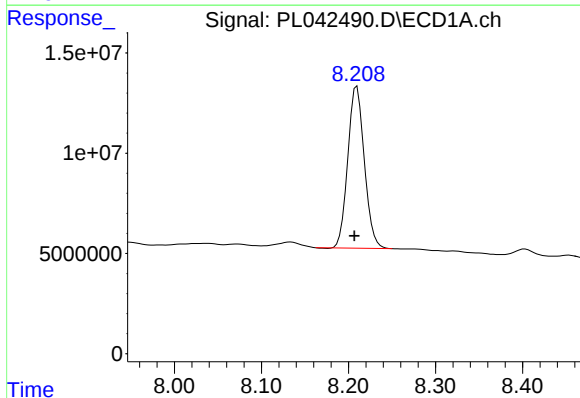
R.T.: 6.300 min  
Delta R.T.: 0.006 min  
Response: 2178399  
Conc: 7.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



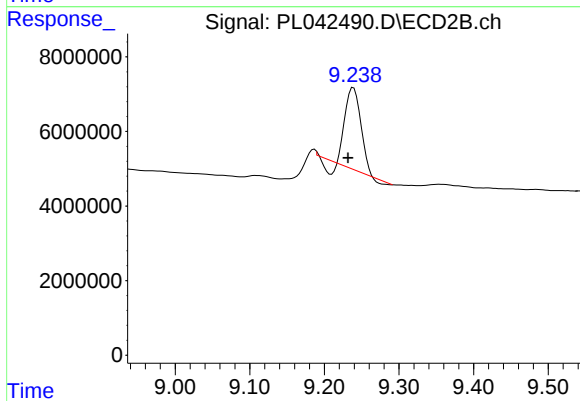
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.117 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.210 min  
Delta R.T.: 0.003 min  
Response: 106386948  
Conc: 16.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.239 min  
Delta R.T.: 0.007 min  
Response: 28723763  
Conc: 11.91 ng/ml