

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111219\  
 Data File : PL054190.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Nov 2019 11:45  
 Operator : SG\AJ  
 Sample : K5762-01RE  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 13 00:29:49 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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... | 3.545  | 4.044  | 729.8E6   | 8644454   | 67.330   | 3.454 #   |
| 28)                         | SA Decachlor... | 8.329  | 9.128  | 63750092  | 19004886  | 6.497    | 6.749     |
| Target Compounds            |                 |        |        |           |           |          |           |
| 2)                          | A alpha-BHC     | 3.969f | 4.465f | 161.3E6   | 54214980  | 9.250    | 15.682 #  |
| 3)                          | MA gamma-BHC... | 4.273  | 4.733  | 300.7E6   | -11685028 | 19.305   | N.D. #    |
| 4)                          | MA Heptachlor   | 4.585  | 5.231  | 45665688  | 34538067  | 2.893    | 10.719 #  |
| 5)                          | MB Aldrin       | 4.835  | 5.542  | 20134249  | 8491578   | 1.408    | 2.848 #   |
| 6)                          | B beta-BHC      | 4.541f | 4.905  | 318.1E6   | 7500414   | 48.270   | 4.856 #   |
| 7)                          | B delta-BHC     | 4.721  | 5.130f | 120.5E6   | 5270776   | 7.915    | 1.745 #   |
| 8)                          | B Heptachlo...  | 5.273  | 0.000  | 118.4E6   | 0         | 8.773    | N.D. #    |
| 9)                          | A Endosulfan I  | 5.621  | 6.288  | 145.4E6   | 9056053   | 11.831   | 3.340 #   |
| 10)                         | B gamma-Chl...  | 5.516  | 6.143  | 368.1E6   | 7581643   | 26.978   | 2.598 #   |
| 11)                         | B alpha-Chl...  | 5.555  | 6.222  | 315.3E6   | 7039692   | 23.699   | 2.411 #   |
| 12)                         | B 4,4'-DDE      | 5.723  | 6.387  | 38872724  | 12871638  | 3.271    | 4.570 #   |
| 13)                         | MA Dieldrin     | 5.865  | 6.513f | -14760077 | 3532236   | N.D.     | 1.238     |
| 14)                         | MA Endrin       | 6.137  | 0.000  | 126.3E6   | 0         | 10.893   | N.D. #    |
| 15)                         | B Endosulfa...  | 6.404  | 6.978  | 76883839  | -9675316  | 6.877    | N.D. #    |
| 16)                         | A 4,4'-DDD      | 6.245  | 6.893f | 100.4E6   | 22819249  | 11.281   | 10.950    |
| 17)                         | MA 4,4'-DDT     | 6.501  | 0.000  | 149.4E6   | 0         | 15.083   | N.D. #    |
| 18)                         | B Endrin al...  | 6.592f | 7.078  | 19583314  | 65826773  | 2.136    | 29.965 #  |
| 19)                         | B Endosulfa...  | 0.000  | 7.303  | 0         | 10456771  | N.D.     | 4.262 #   |
| 20)                         | A Methoxychlor  | 7.037  | 7.633  | 30272195  | 16939957  | 6.140    | 13.042 #  |
| 22)                         | Mirex           | 7.472  | 8.263f | 69691781  | 3521393   | 8.148    | 1.741 #   |
| 23)                         | Chlordane-1     | 4.434  | 0.000  | 483.1E6   | 0         | 1362.218 | N.D. #    |
| 24)                         | Chlordane-2     | 4.943  | 5.516  | 62695650  | 2588864   | 162.713  | 26.357 #  |
| 25)                         | Chlordane-3     | 5.516  | 6.143  | 368.1E6   | 7581643   | 319.319  | 20.759 #  |
| 26)                         | Chlordane-4     | 5.555  | 6.222  | 315.3E6   | 7039692   | 336.316  | 15.681 #  |
| 27)                         | Chlordane-5     | 6.404  | 7.041  | 76883839  | 71461509  | 210.327  | 934.770 # |
| -----                       |                 |        |        |           |           |          |           |

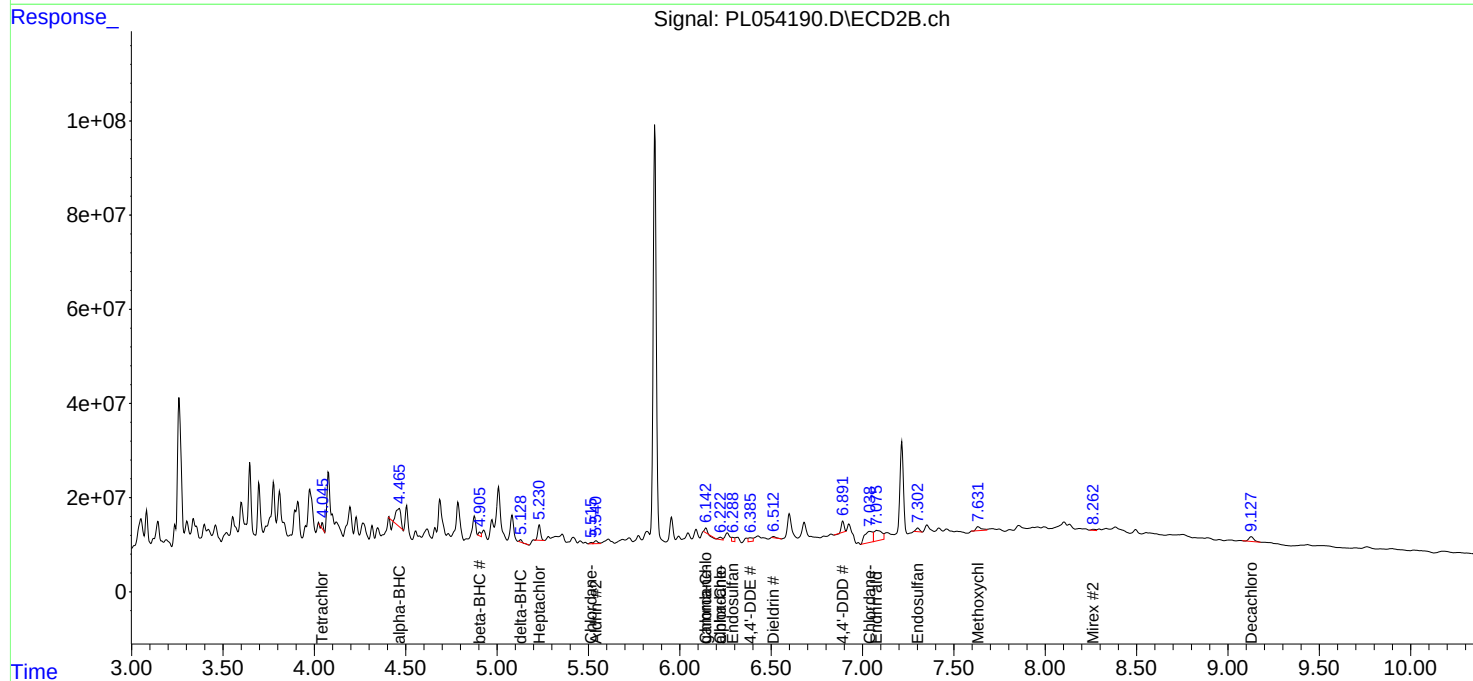
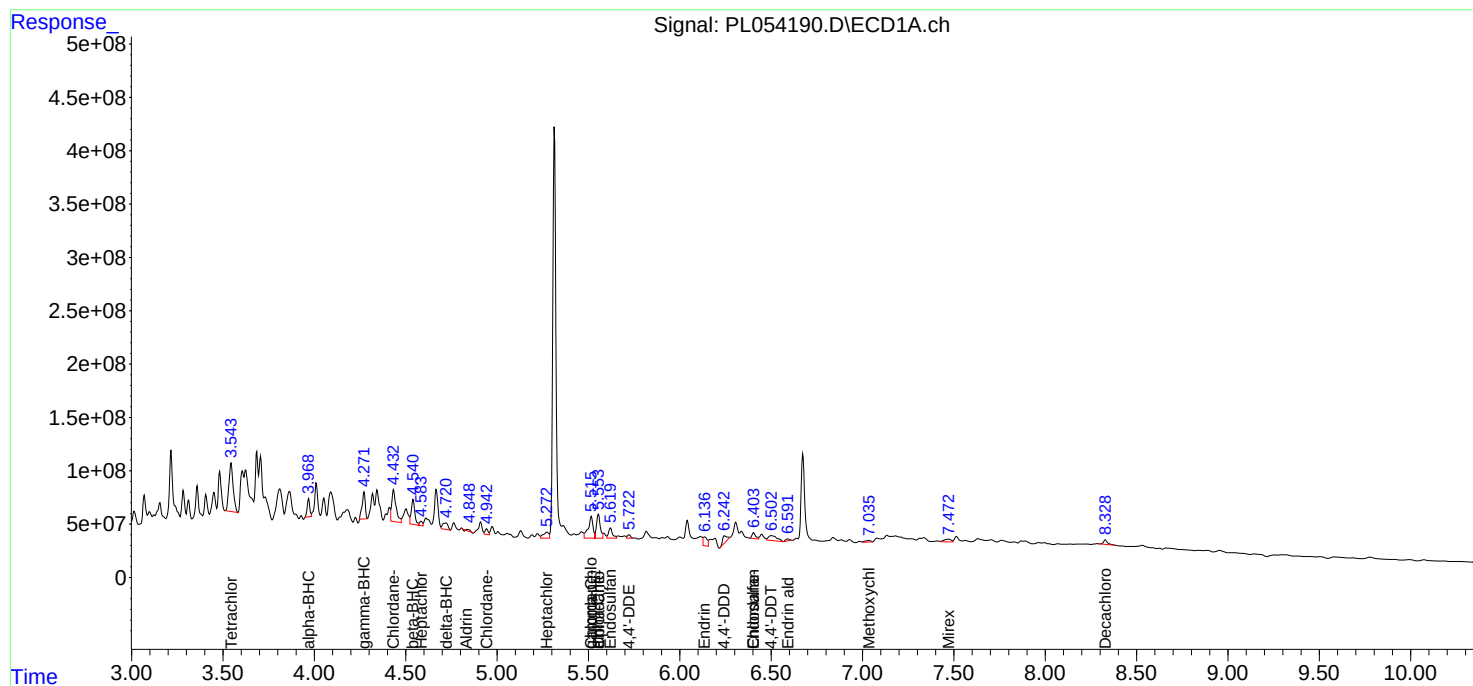
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

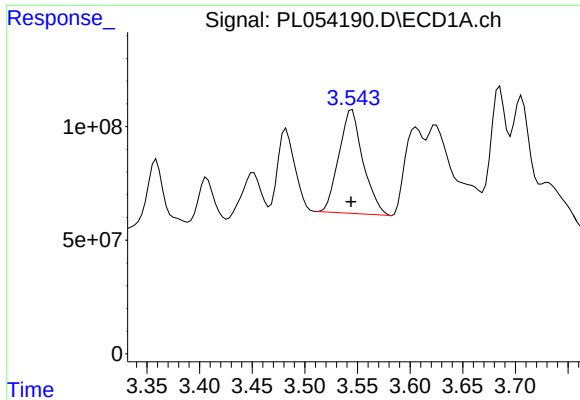
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111219\  
Data File : PL054190.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Nov 2019 11:45  
Operator : SG\AJ  
Sample : K5762-01RE  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 13 00:29:49 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 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

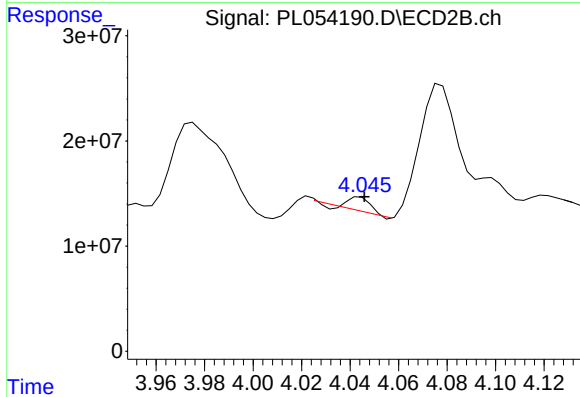




#1 Tetrachloro-m-xylene

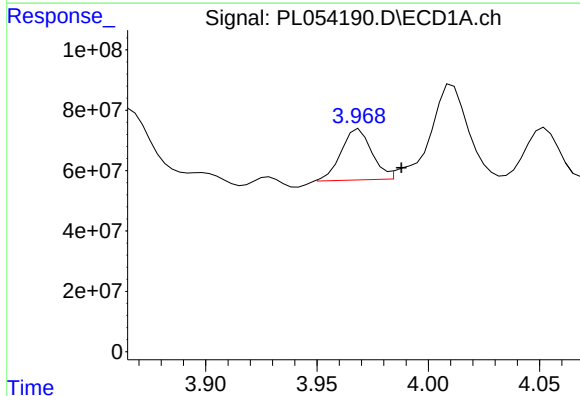
R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 729814883  
Conc: 67.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



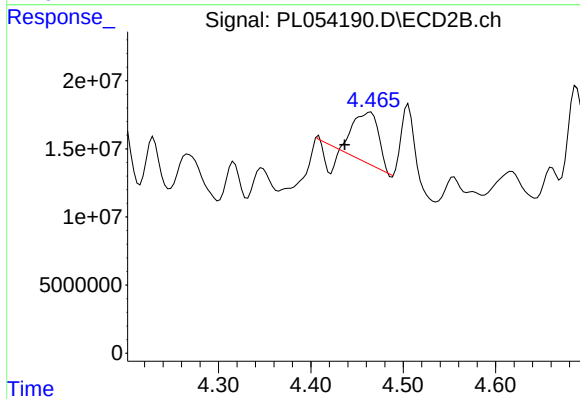
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 8644454  
Conc: 3.45 ng/ml



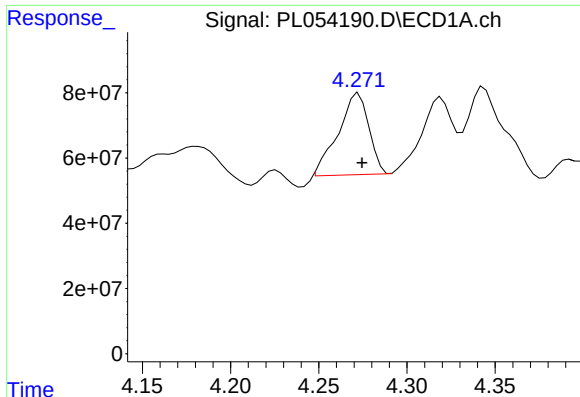
#2 alpha-BHC

R.T.: 3.969 min  
Delta R.T.: -0.019 min  
Response: 161288579  
Conc: 9.25 ng/ml



#2 alpha-BHC

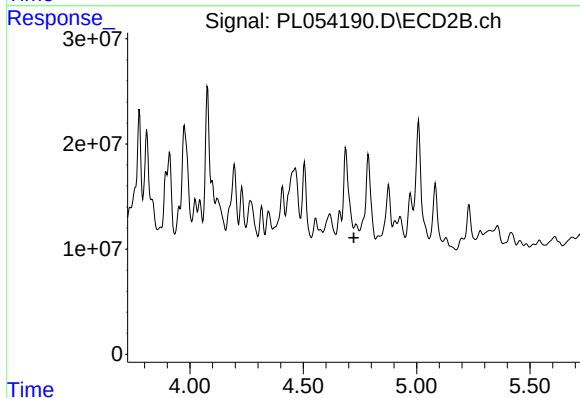
R.T.: 4.465 min  
Delta R.T.: 0.028 min  
Response: 54214980  
Conc: 15.68 ng/ml



#3 gamma-BHC (Lindane)

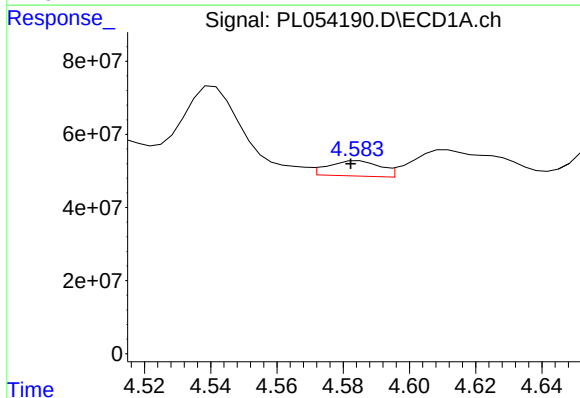
R.T.: 4.273 min  
Delta R.T.: -0.002 min  
Response: 300652357  
Conc: 19.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



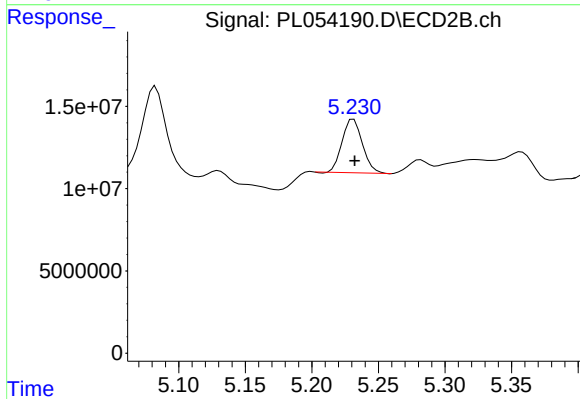
#3 gamma-BHC (Lindane)

R.T.: 4.733 min  
Delta R.T.: 0.011 min  
Response: -11685028  
Conc: N.D.



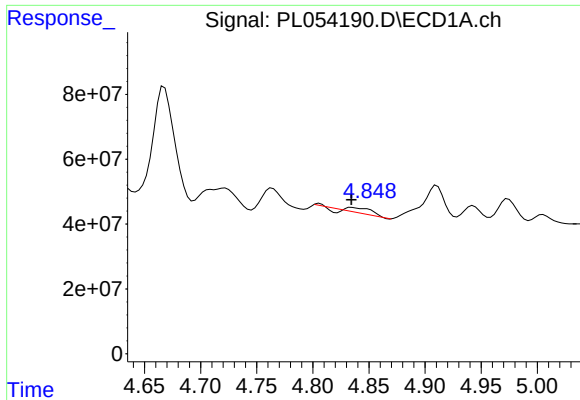
#4 Heptachlor

R.T.: 4.585 min  
Delta R.T.: 0.002 min  
Response: 45665688  
Conc: 2.89 ng/ml



#4 Heptachlor

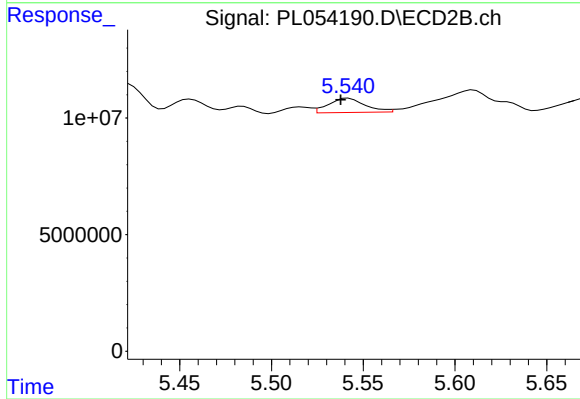
R.T.: 5.231 min  
Delta R.T.: 0.000 min  
Response: 34538067  
Conc: 10.72 ng/ml



#5 Aldrin

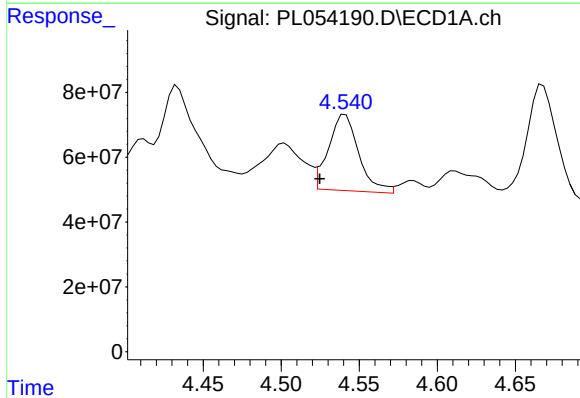
R.T.: 4.835 min  
Delta R.T.: 0.000 min  
Response: 20134249  
Conc: 1.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



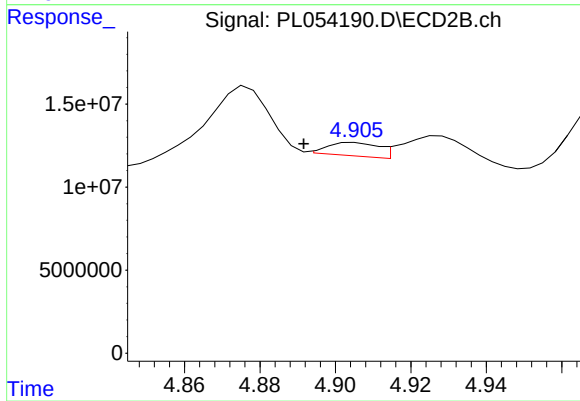
#5 Aldrin

R.T.: 5.542 min  
Delta R.T.: 0.004 min  
Response: 8491578  
Conc: 2.85 ng/ml



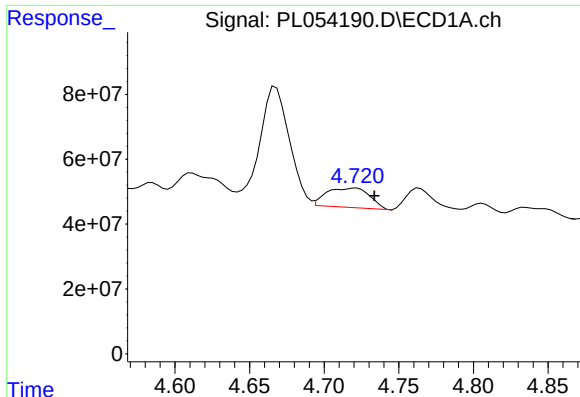
#6 beta-BHC

R.T.: 4.541 min  
Delta R.T.: 0.016 min  
Response: 318094109  
Conc: 48.27 ng/ml



#6 beta-BHC

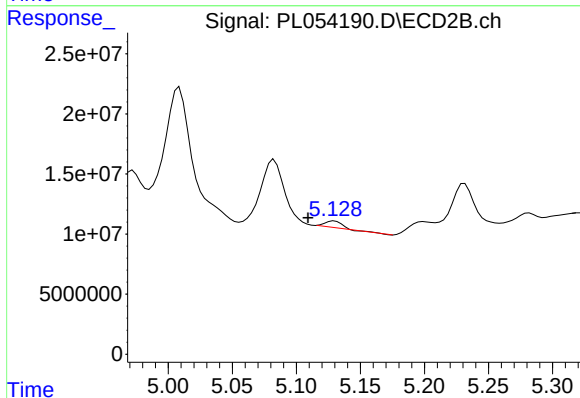
R.T.: 4.905 min  
Delta R.T.: 0.014 min  
Response: 7500414  
Conc: 4.86 ng/ml



#7 delta-BHC

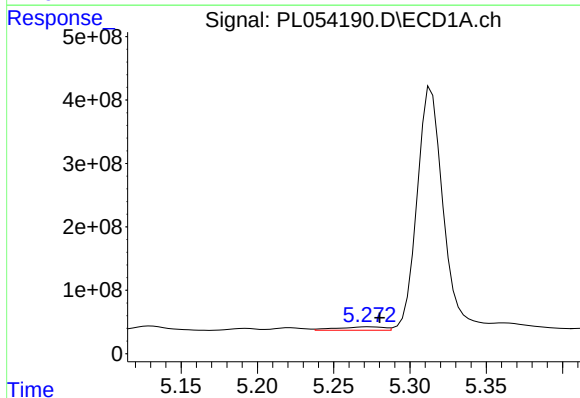
R.T.: 4.721 min  
Delta R.T.: -0.012 min  
Response: 120481084  
Conc: 7.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



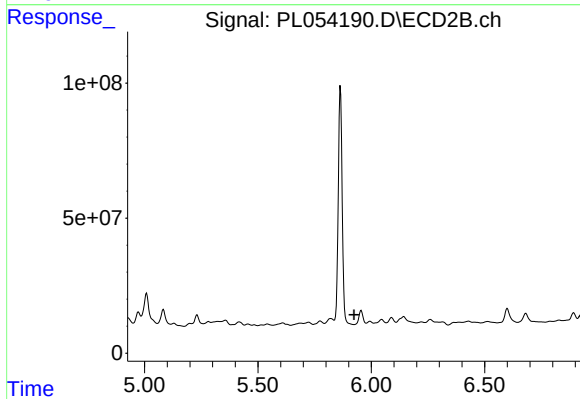
#7 delta-BHC

R.T.: 5.130 min  
Delta R.T.: 0.021 min  
Response: 5270776  
Conc: 1.74 ng/ml



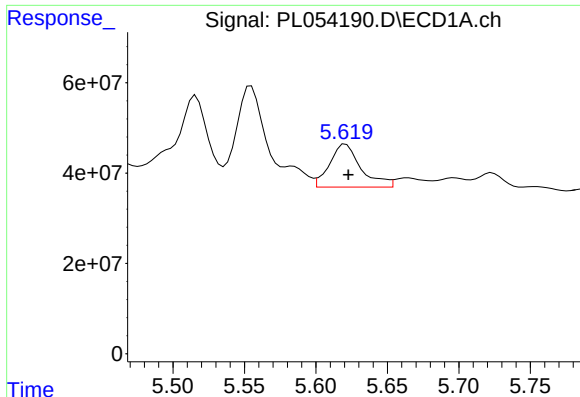
#8 Heptachlor epoxide

R.T.: 5.273 min  
Delta R.T.: -0.007 min  
Response: 118434536  
Conc: 8.77 ng/ml



#8 Heptachlor epoxide

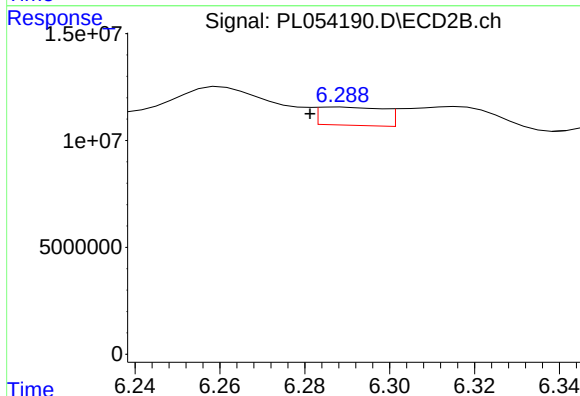
R.T.: 0.000 min  
Exp R.T. : 5.925 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

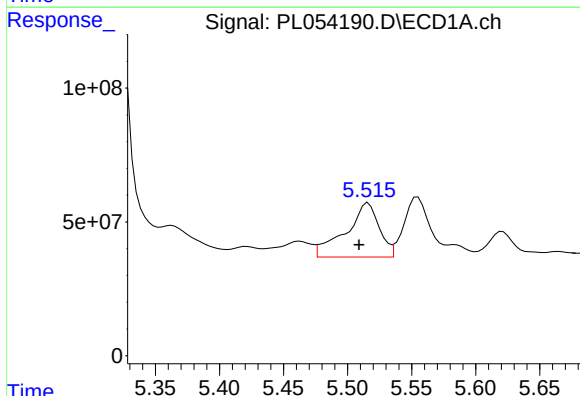
R.T.: 5.621 min  
Delta R.T.: -0.002 min  
Response: 145431706  
Conc: 11.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



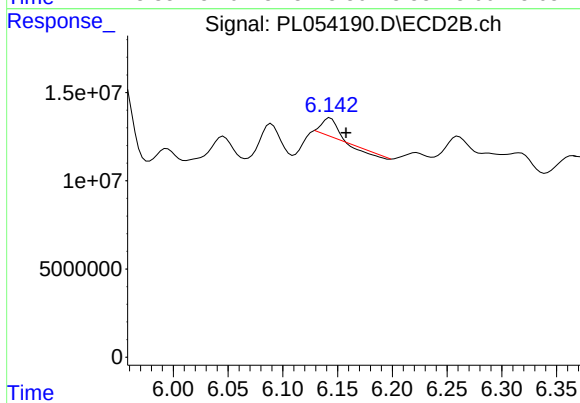
#9 Endosulfan I

R.T.: 6.288 min  
Delta R.T.: 0.006 min  
Response: 9056053  
Conc: 3.34 ng/ml



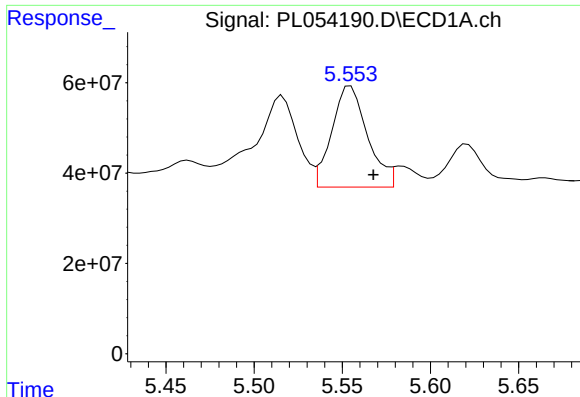
#10 gamma-Chlordane

R.T.: 5.516 min  
Delta R.T.: 0.007 min  
Response: 368074151  
Conc: 26.98 ng/ml



#10 gamma-Chlordane

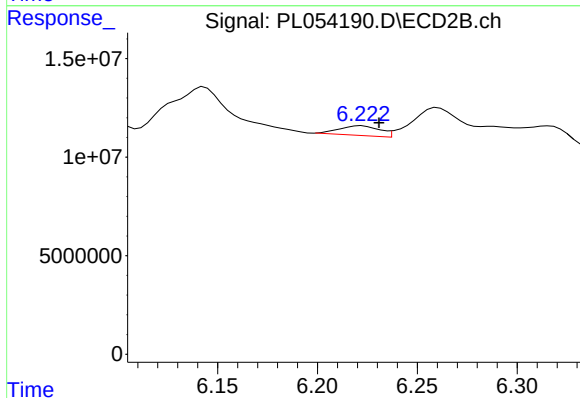
R.T.: 6.143 min  
Delta R.T.: -0.015 min  
Response: 7581643  
Conc: 2.60 ng/ml



#11 alpha-Chlordane

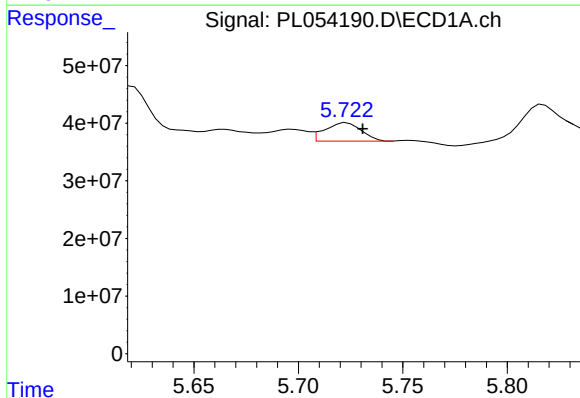
R.T.: 5.555 min  
Delta R.T.: -0.013 min  
Response: 315280158  
Conc: 23.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



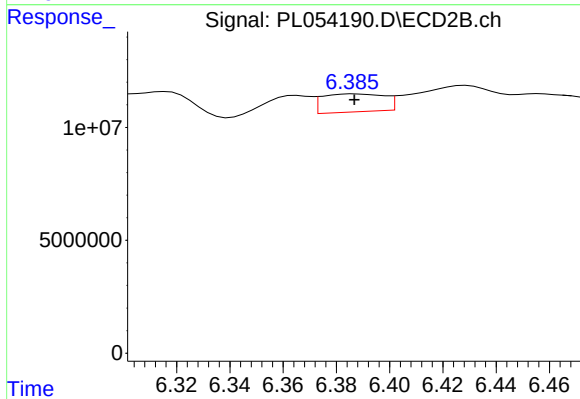
#11 alpha-Chlordane

R.T.: 6.222 min  
Delta R.T.: -0.009 min  
Response: 7039692  
Conc: 2.41 ng/ml



#12 4,4'-DDE

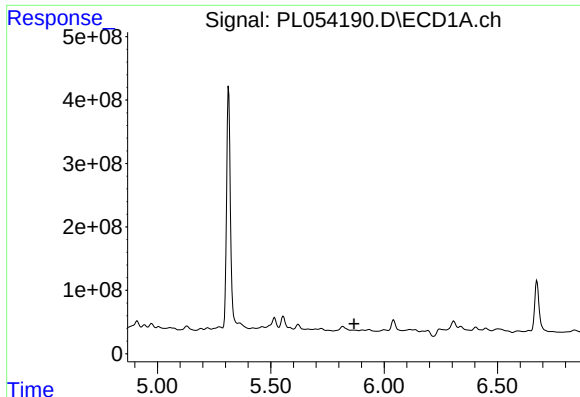
R.T.: 5.723 min  
Delta R.T.: -0.008 min  
Response: 38872724  
Conc: 3.27 ng/ml



#12 4,4'-DDE

R.T.: 6.387 min  
Delta R.T.: 0.000 min  
Response: 12871638  
Conc: 4.57 ng/ml

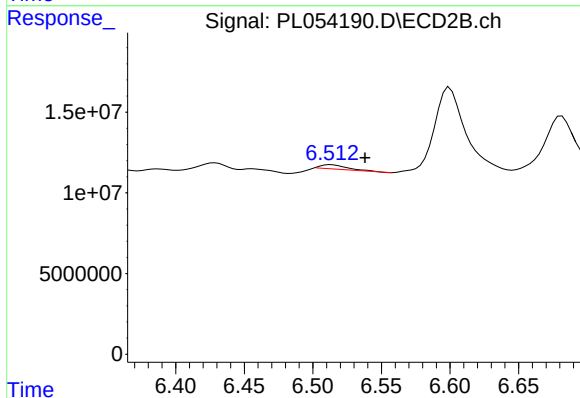




#13 Dieldrin

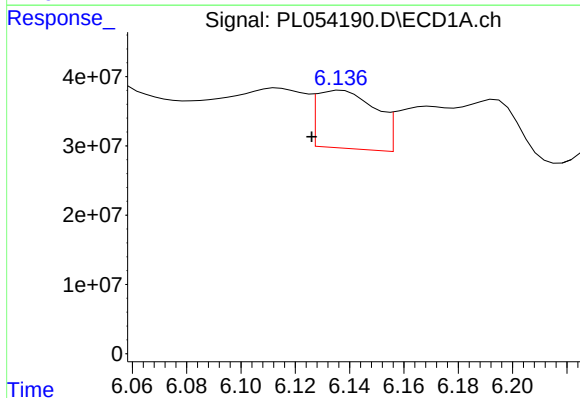
R.T.: 5.865 min  
Delta R.T.: -0.003 min  
Response: -14760077  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



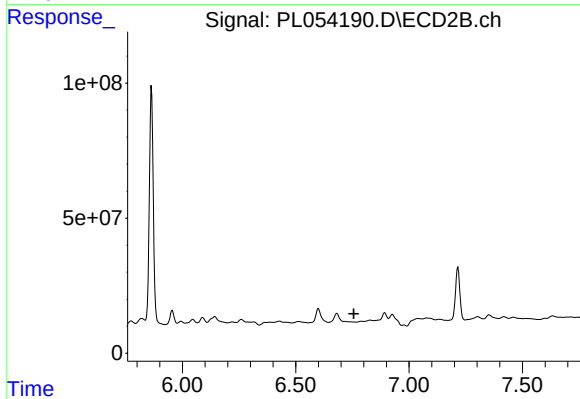
#13 Dieldrin

R.T.: 6.513 min  
Delta R.T.: -0.025 min  
Response: 3532236  
Conc: 1.24 ng/ml



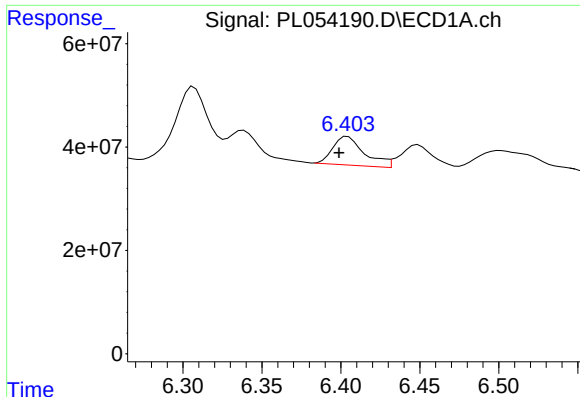
#14 Endrin

R.T.: 6.137 min  
Delta R.T.: 0.011 min  
Response: 126260996  
Conc: 10.89 ng/ml



#14 Endrin

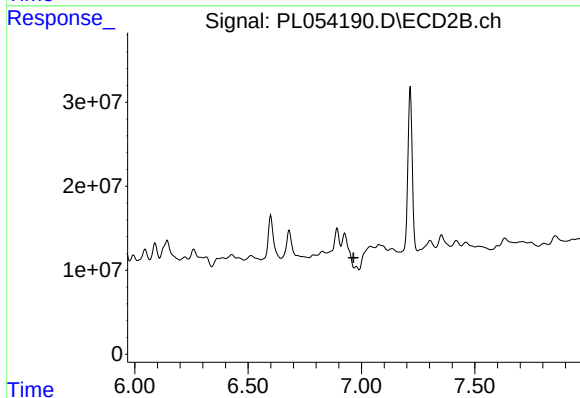
R.T.: 0.000 min  
Exp R.T.: 6.756 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

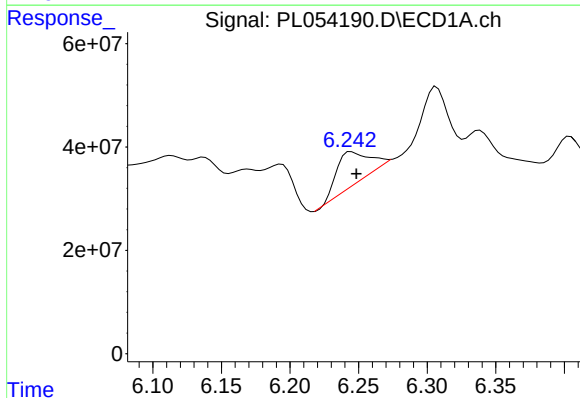
R.T.: 6.404 min  
Delta R.T.: 0.005 min  
Response: 76883839  
Conc: 6.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



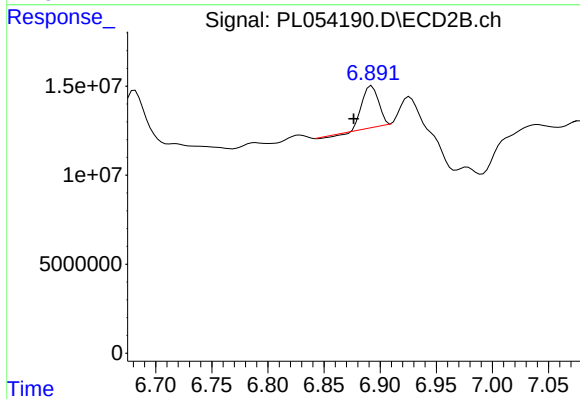
#15 Endosulfan II

R.T.: 6.978 min  
Delta R.T.: 0.013 min  
Response: -9675316  
Conc: N.D.



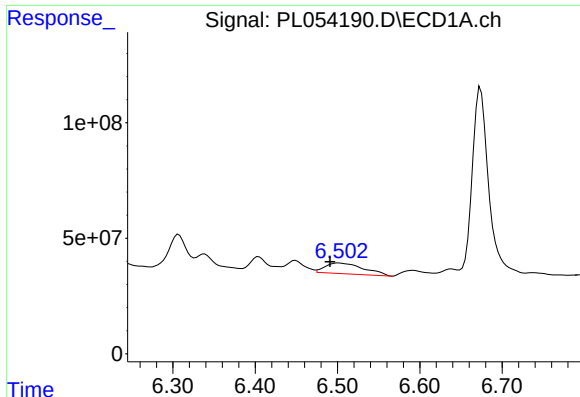
#16 4,4'-DDD

R.T.: 6.245 min  
Delta R.T.: -0.004 min  
Response: 100395743  
Conc: 11.28 ng/ml



#16 4,4'-DDD

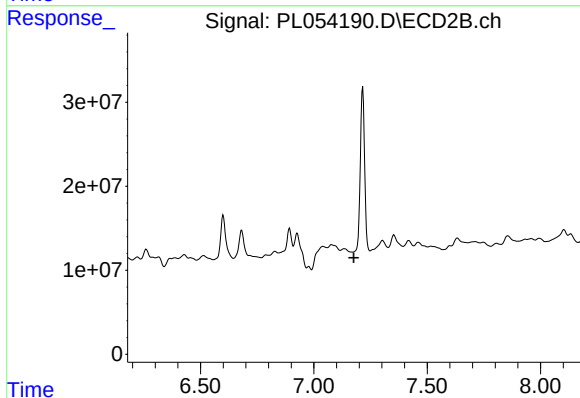
R.T.: 6.893 min  
Delta R.T.: 0.016 min  
Response: 22819249  
Conc: 10.95 ng/ml



#17 4,4'-DDT

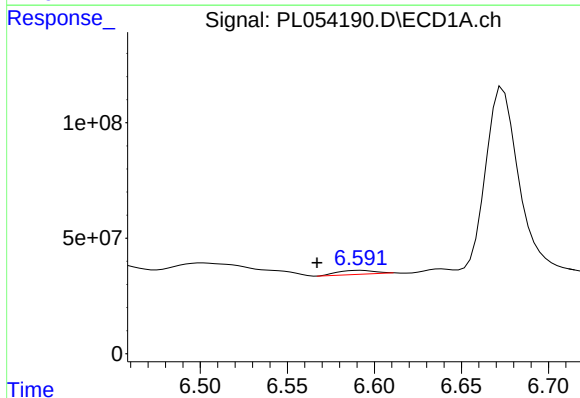
R.T.: 6.501 min  
Delta R.T.: 0.010 min  
Response: 149415642  
Conc: 15.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



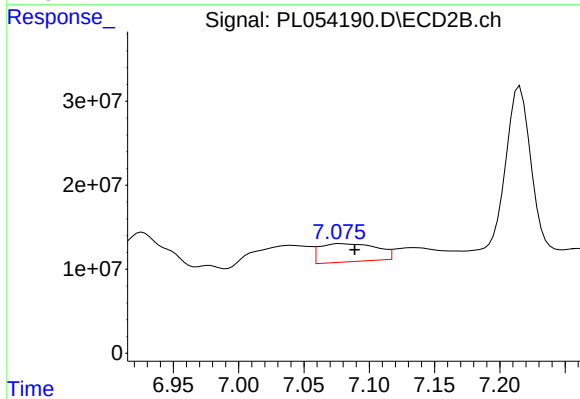
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.176 min  
Response: 0  
Conc: N.D.



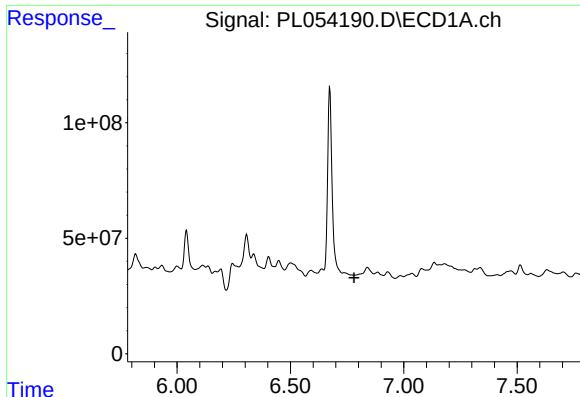
#18 Endrin aldehyde

R.T.: 6.592 min  
Delta R.T.: 0.025 min  
Response: 19583314  
Conc: 2.14 ng/ml



#18 Endrin aldehyde

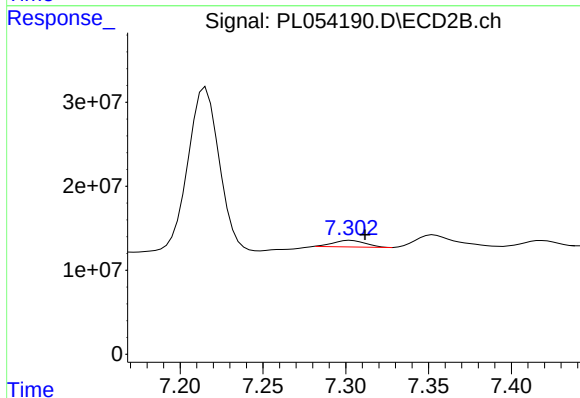
R.T.: 7.078 min  
Delta R.T.: -0.011 min  
Response: 65826773  
Conc: 29.97 ng/ml



#19 Endosulfan Sulfate

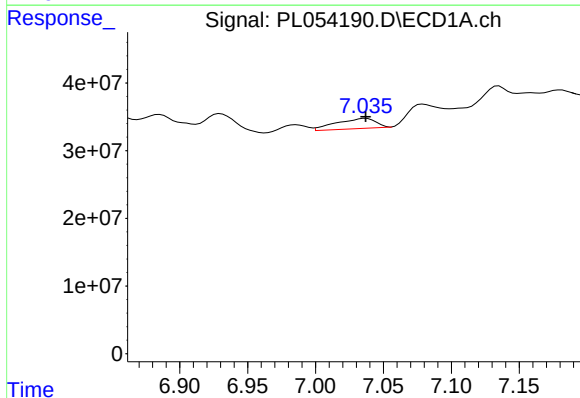
R.T.: 0.000 min  
Exp R.T.: 6.781 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



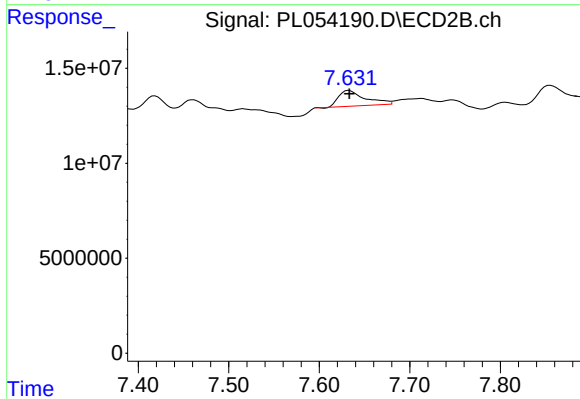
#19 Endosulfan Sulfate

R.T.: 7.303 min  
Delta R.T.: -0.008 min  
Response: 10456771  
Conc: 4.26 ng/ml



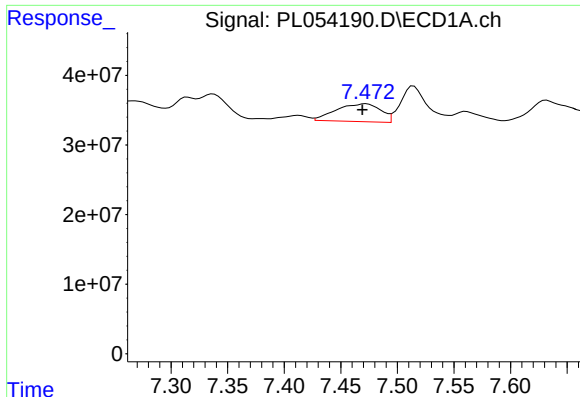
#20 Methoxychlor

R.T.: 7.037 min  
Delta R.T.: 0.000 min  
Response: 30272195  
Conc: 6.14 ng/ml



#20 Methoxychlor

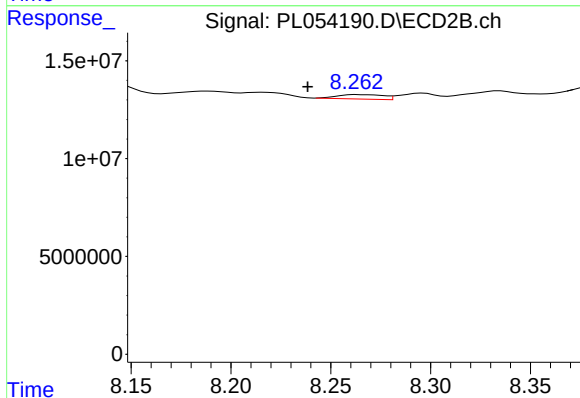
R.T.: 7.633 min  
Delta R.T.: 0.000 min  
Response: 16939957  
Conc: 13.04 ng/ml



#22 Mirex

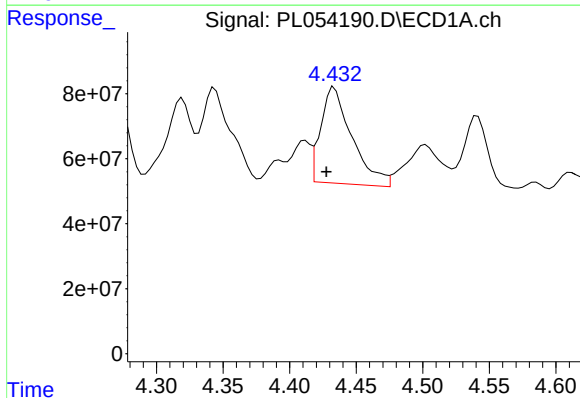
R.T.: 7.472 min  
Delta R.T.: 0.003 min  
Response: 69691781  
Conc: 8.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



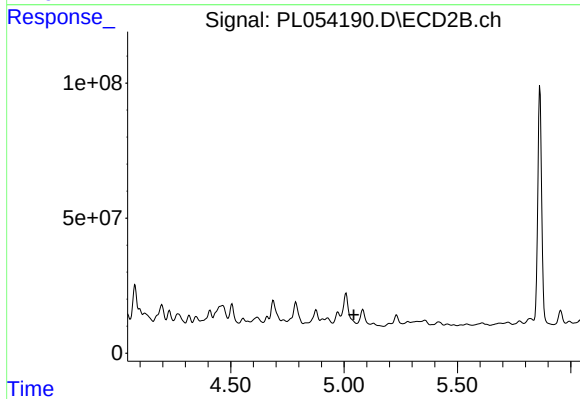
#22 Mirex

R.T.: 8.263 min  
Delta R.T.: 0.024 min  
Response: 3521393  
Conc: 1.74 ng/ml



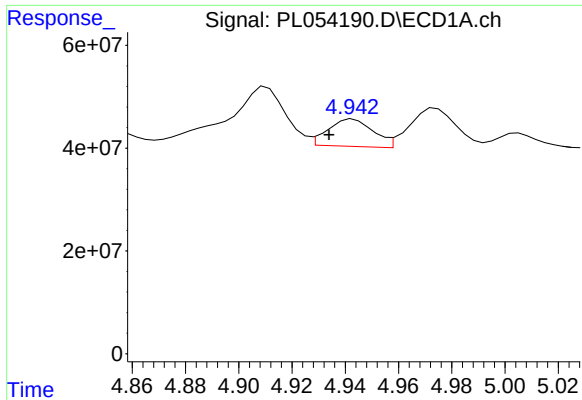
#23 Chlordane-1

R.T.: 4.434 min  
Delta R.T.: 0.006 min  
Response: 483139498  
Conc: 1362.22 ng/ml



#23 Chlordane-1

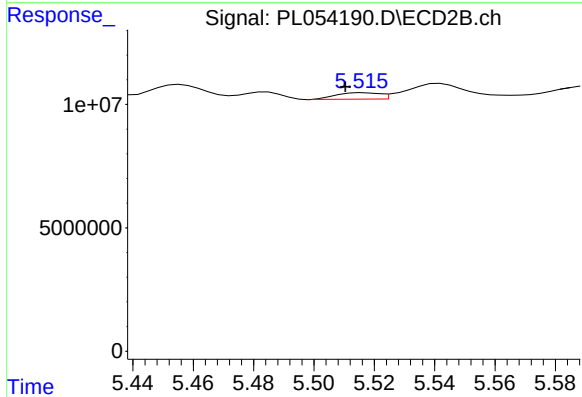
R.T.: 0.000 min  
Exp R.T.: 5.043 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

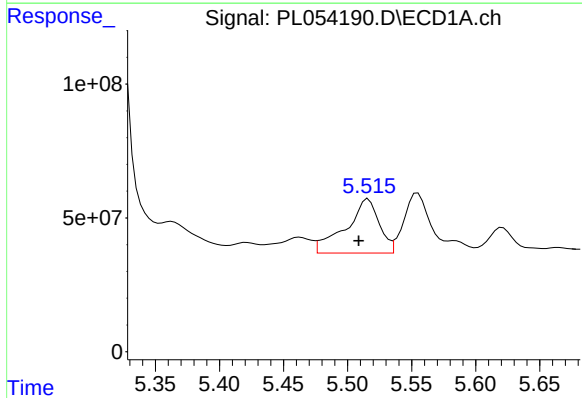
R.T.: 4.943 min  
Delta R.T.: 0.009 min  
Response: 62695650  
Conc: 162.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



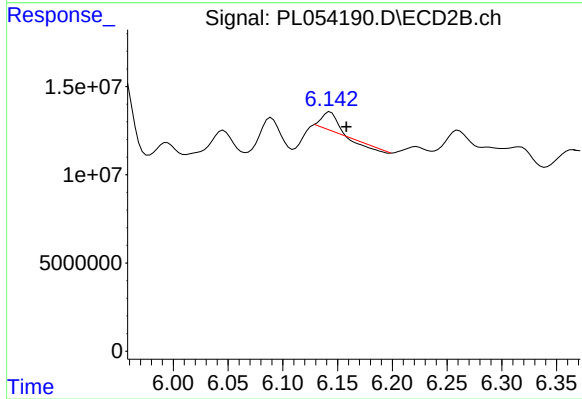
#24 Chlordane-2

R.T.: 5.516 min  
Delta R.T.: 0.006 min  
Response: 2588864  
Conc: 26.36 ng/ml



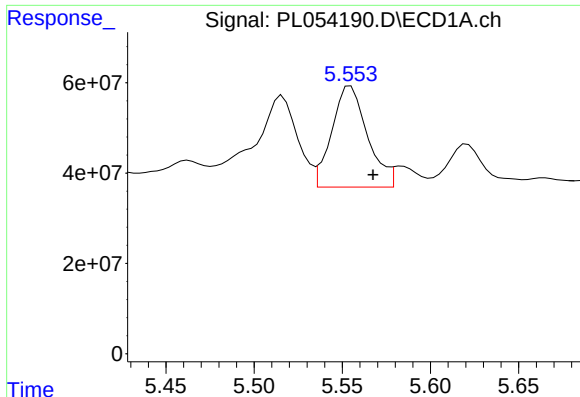
#25 Chlordane-3

R.T.: 5.516 min  
Delta R.T.: 0.007 min  
Response: 368074151  
Conc: 319.32 ng/ml



#25 Chlordane-3

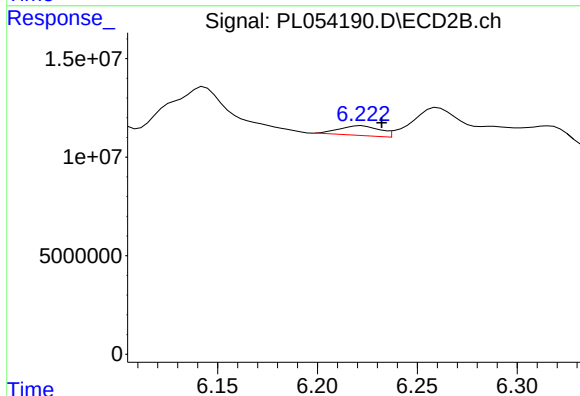
R.T.: 6.143 min  
Delta R.T.: -0.015 min  
Response: 7581643  
Conc: 20.76 ng/ml



#26 Chlordane-4

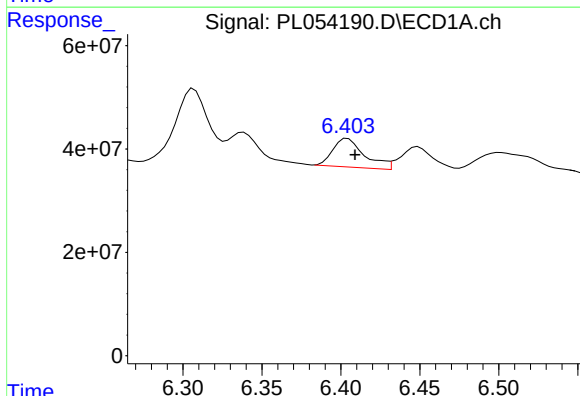
R.T.: 5.555 min  
Delta R.T.: -0.013 min  
Response: 315280158  
Conc: 336.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



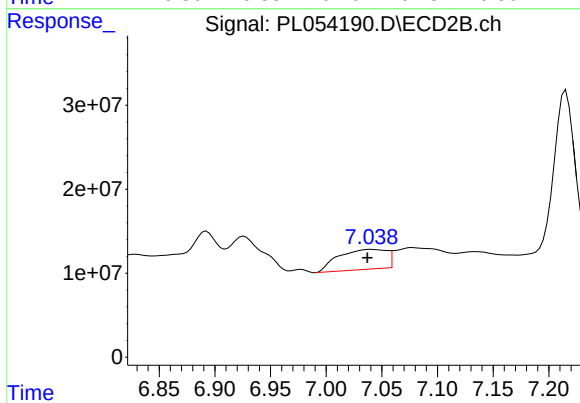
#26 Chlordane-4

R.T.: 6.222 min  
Delta R.T.: -0.010 min  
Response: 7039692  
Conc: 15.68 ng/ml



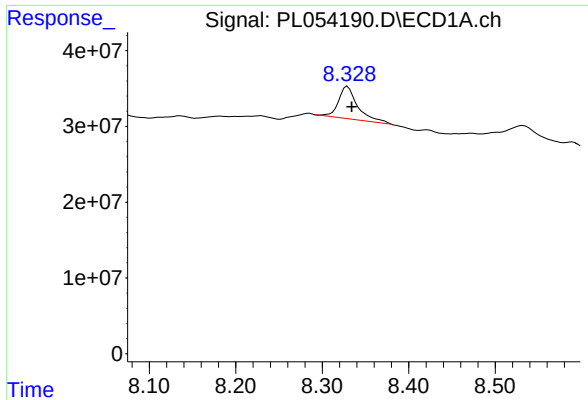
#27 Chlordane-5

R.T.: 6.404 min  
Delta R.T.: -0.005 min  
Response: 76883839  
Conc: 210.33 ng/ml



#27 Chlordane-5

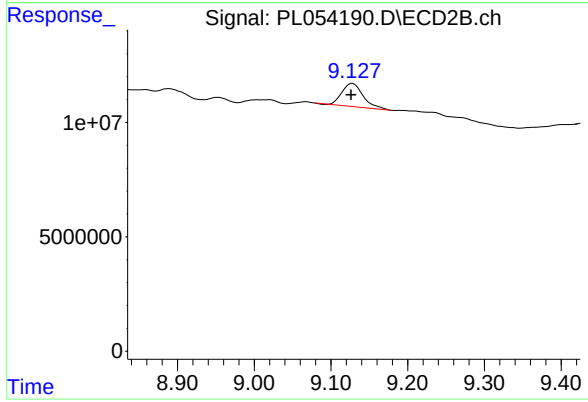
R.T.: 7.041 min  
Delta R.T.: 0.004 min  
Response: 71461509  
Conc: 934.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.329 min  
Delta R.T.: -0.005 min  
Response: 63750092  
Conc: 6.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.128 min  
Delta R.T.: 0.002 min  
Response: 19004886  
Conc: 6.75 ng/ml