

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041923\  
 Data File : PL082190.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Apr 2023 14:16  
 Operator : AR\AJ  
 Sample : 02386-07MS 20X  
 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: Apr 19 22:05:34 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 2023  
 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... | 3.316f | 2.643  | 21751621  | 19414775  | 9.352   | 9.726     |
| 2)                          | SA Decachlor... | 8.754  | 7.776  | 91653     | 3700822   | 0.051   | 1.866 #   |
| Target Compounds            |                 |        |        |           |           |         |           |
| 4)                          | MA Heptachlor   | 4.689  | 3.823  | -7478917  | 108.5E6   | N.D.    | 37.853    |
| 5)                          | MB Aldrin       | 5.022  | 4.103  | 36288860  | 62774973  | 12.687  | 23.560 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.774  | 0         | 1275510   | N.D.    | 1.071 #   |
| 7)                          | B delta-BHC     | 4.569  | 4.004  | 54485228  | 42624470  | 17.927  | 16.482    |
| 8)                          | B Heptachlo...  | 5.449  | 4.585  | 137.8E6   | 2533817   | 50.670  | 1.043 #   |
| 9)                          | A Endosulfan I  | 5.827  | 4.951  | 8229481   | 5873854   | 3.331   | 2.661     |
| 10)                         | B gamma-Chl...  | 5.706  | 4.835  | 194.9E6   | 119.1E6   | 74.234  | 48.985 #  |
| 11)                         | B alpha-Chl...  | 5.786  | 4.896  | 129.3E6   | 146.4E6   | 49.951  | 60.257    |
| 12)                         | B 4,4'-DDE      | 5.963  | 5.088  | 204.1E6   | 55007856  | 90.574  | 27.926 #  |
| 13)                         | MA Dieldrin     | 6.109  | 5.220  | -26549138 | 309.1E6   | N.D.    | 137.421   |
| 14)                         | MA Endrin       | 6.340  | 5.497  | 120.7E6   | -22098124 | 57.053  | N.D. #    |
| 15)                         | B Endosulfa...  | 6.554  | 5.827f | 13070191  | 5882670   | 6.159   | 3.243 #   |
| 16)                         | A 4,4'-DDD      | 6.480  | 5.645  | 1554.5E6  | 1223.1E6  | 861.967 | 805.972   |
| 17)                         | MA 4,4'-DDT     | 6.814f | 5.887f | 6059626   | 173.3E6   | 2.986   | 100.549 # |
| 18)                         | B Endrin al...  | 6.698  | 5.984  | 8145370   | 31899120  | 4.978   | 20.541 #  |
| 19)                         | B Endosulfa...  | 6.903f | 6.217  | 27479106  | 26611834  | 13.185  | 13.677    |
| 20)                         | A Methoxychlor  | 7.271  | 0.000  | 1051205   | 0         | 0.976   | N.D. #    |
| 21)                         | B Endrin ke...  | 7.380f | 6.724  | 80934528  | 30182492  | 38.638  | 14.124 #  |
| 22)                         | Mirex           | 7.866  | 6.870  | 3929863   | 2697523   | 2.294   | 1.405 #   |
| 23)                         | Chlordane-1     | 4.474  | 3.632  | 50672529  | 32321161  | 509.689 | 419.619   |
| 24)                         | Chlordane-2     | 5.022f | 4.209  | 36288860  | 17191815  | 348.677 | 184.031 # |
| 25)                         | Chlordane-3     | 5.706  | 4.835  | 194.9E6   | 119.1E6   | 491.985 | 472.668   |
| 26)                         | Chlordane-4     | 5.786  | 4.896  | 129.3E6   | 146.4E6   | 270.174 | 558.768 # |
| 27)                         | Chlordane-5     | 6.606f | 0.000  | 64060541  | 0         | 754.400 | N.D. #    |
| -----                       |                 |        |        |           |           |         |           |

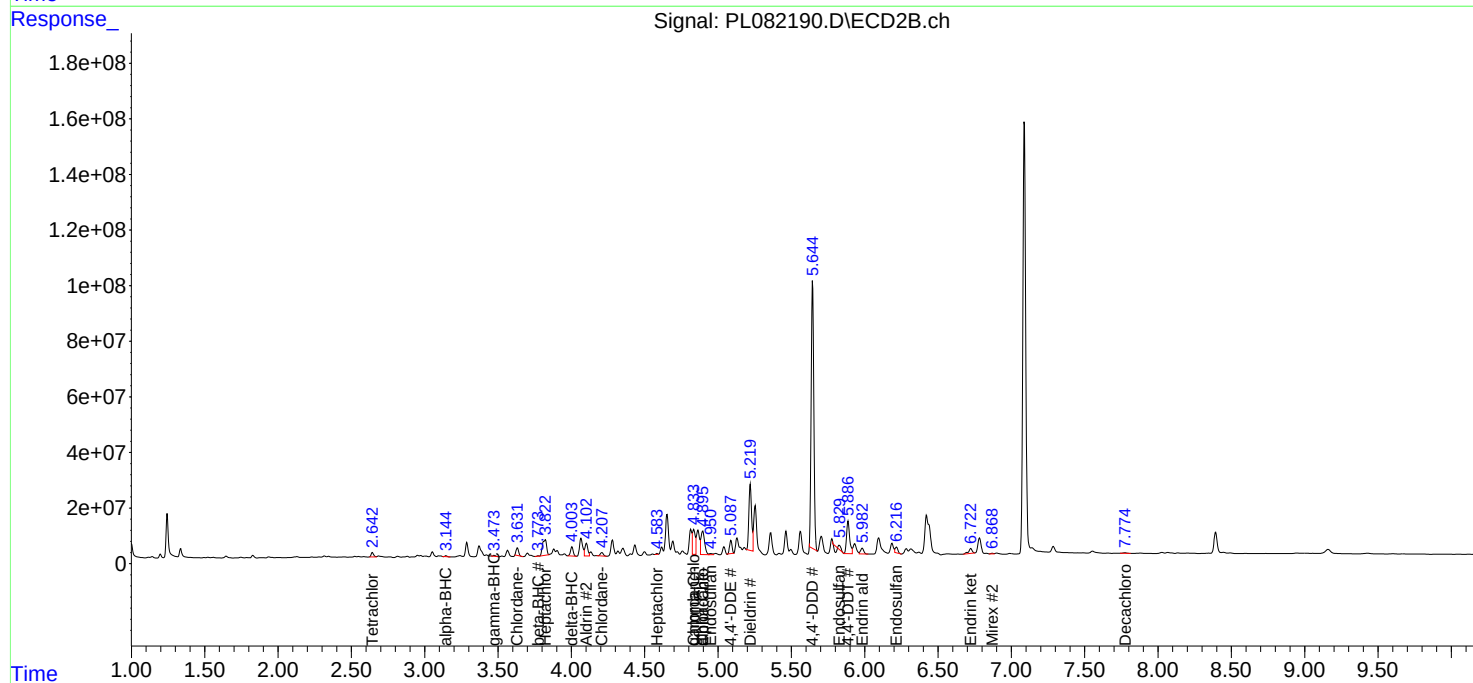
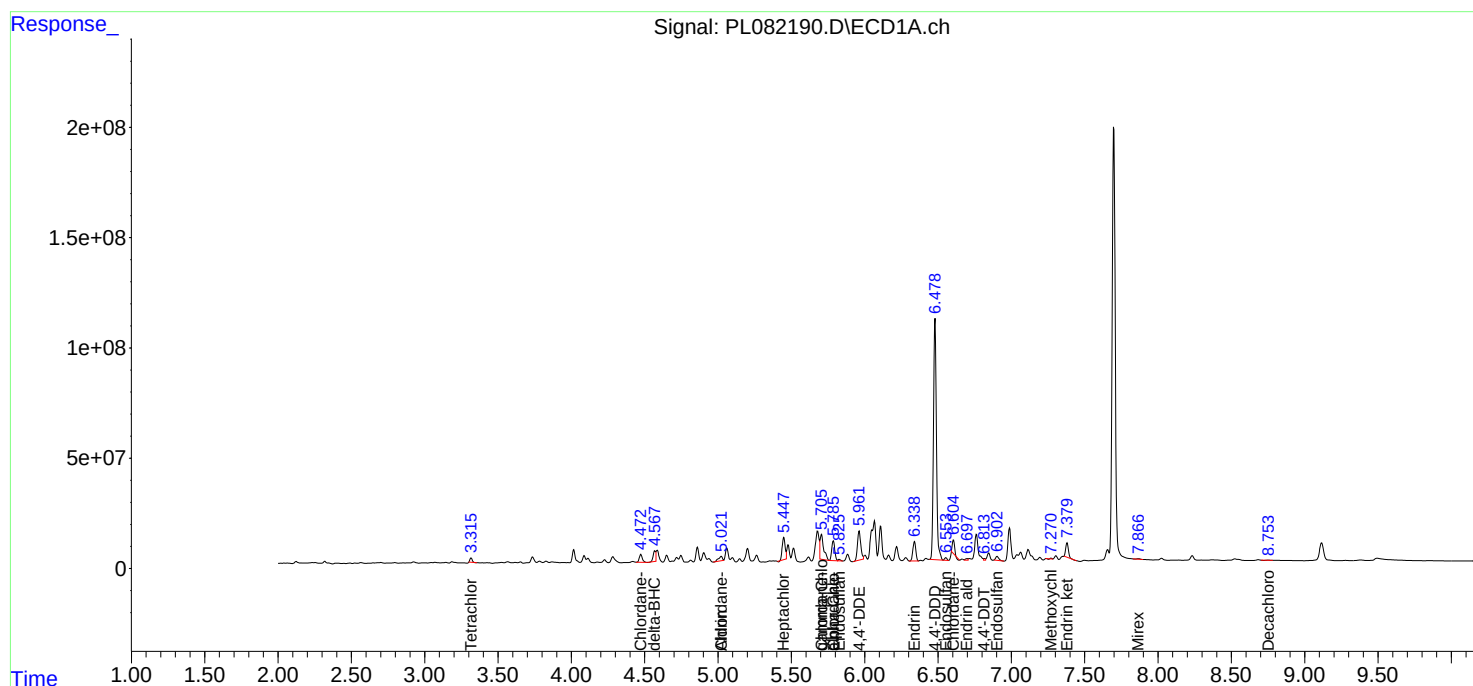
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

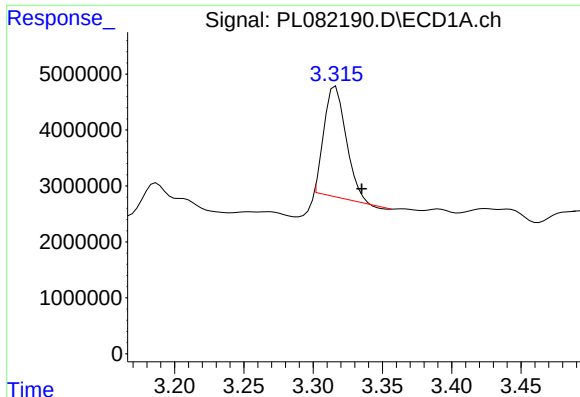
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041923\  
Data File : PL082190.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Apr 2023 14:16  
Operator : AR\AJ  
Sample : 02386-07MS 20X  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 19 22:05:34 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 2023  
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

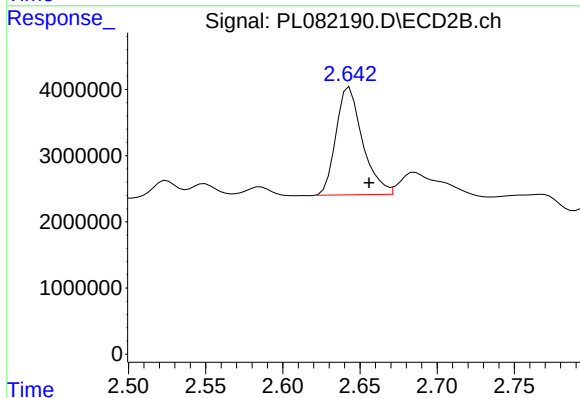




#1 Tetrachloro-m-xylene

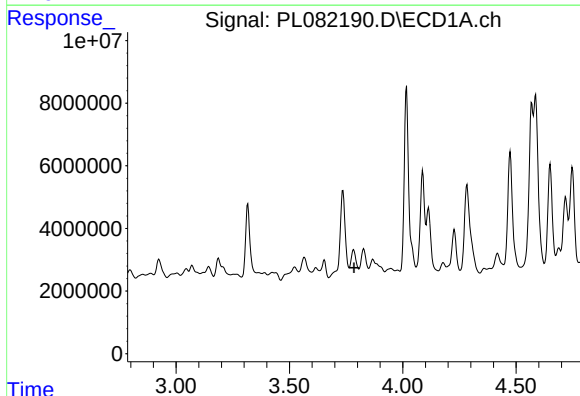
R.T.: 3.316 min  
Delta R.T.: -0.019 min  
Response: 21751621  
Conc: 9.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



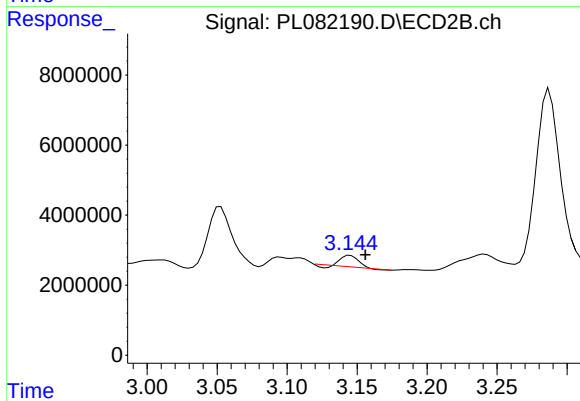
#1 Tetrachloro-m-xylene

R.T.: 2.643 min  
Delta R.T.: -0.013 min  
Response: 19414775  
Conc: 9.73 ng/ml



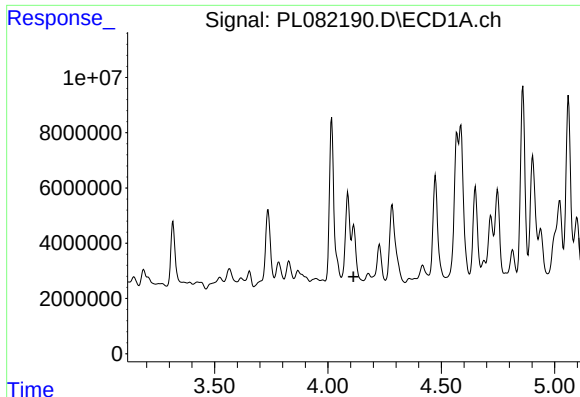
#2 alpha-BHC

R.T.: 3.783 min  
Delta R.T.: -0.002 min  
Response: -5198746  
Conc: N.D.



#2 alpha-BHC

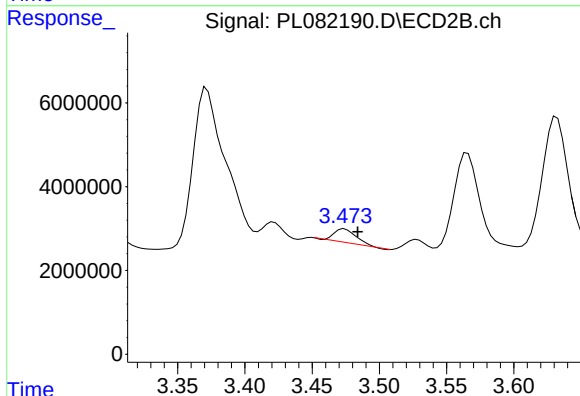
R.T.: 3.145 min  
Delta R.T.: -0.011 min  
Response: 2465899  
Conc: 0.85 ng/ml



#3 gamma-BHC (Lindane)

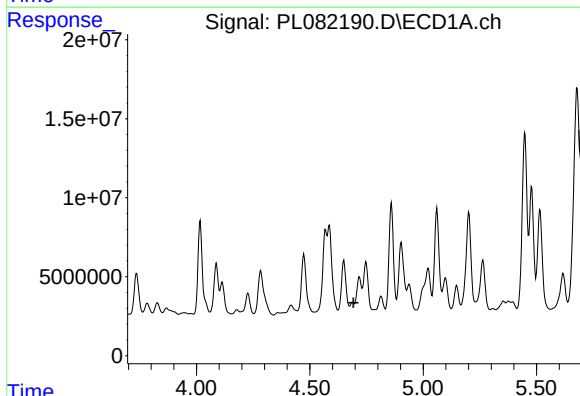
R.T.: 4.114 min  
Delta R.T.: 0.000 min  
Response: -9653314  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



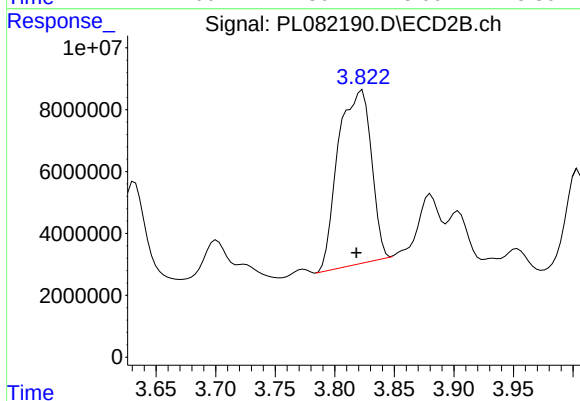
#3 gamma-BHC (Lindane)

R.T.: 3.474 min  
Delta R.T.: -0.010 min  
Response: 3677585  
Conc: 1.32 ng/ml



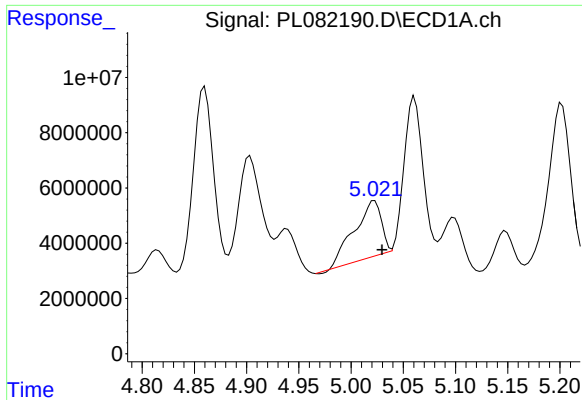
#4 Heptachlor

R.T.: 4.689 min  
Delta R.T.: -0.004 min  
Response: -7478917  
Conc: N.D.



#4 Heptachlor

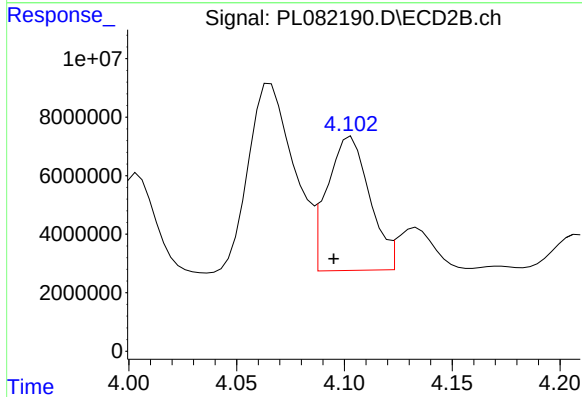
R.T.: 3.823 min  
Delta R.T.: 0.005 min  
Response: 108522675  
Conc: 37.85 ng/ml



#5 Aldrin

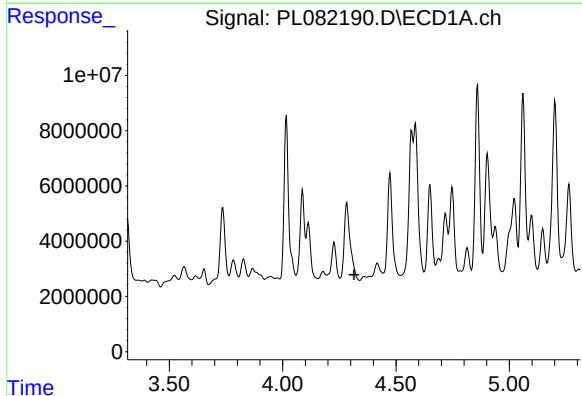
R.T.: 5.022 min  
Delta R.T.: -0.007 min  
Response: 36288860  
Conc: 12.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



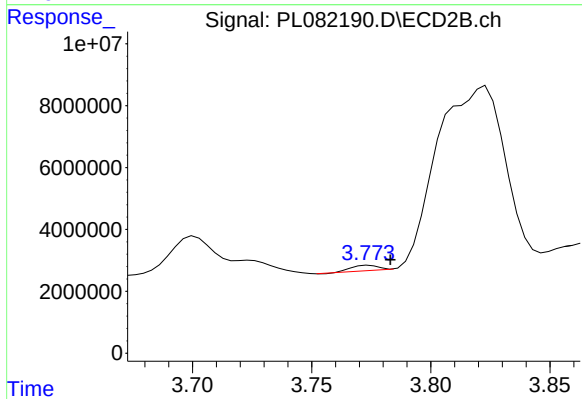
#5 Aldrin

R.T.: 4.103 min  
Delta R.T.: 0.008 min  
Response: 62774973  
Conc: 23.56 ng/ml



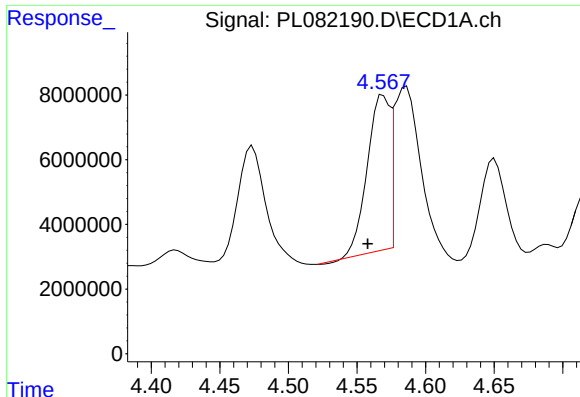
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.316 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

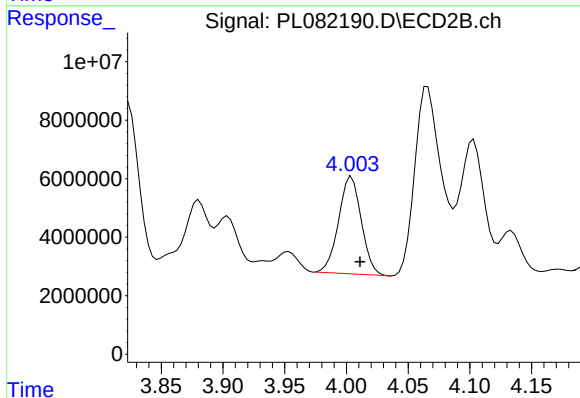
R.T.: 3.774 min  
Delta R.T.: -0.009 min  
Response: 1275510  
Conc: 1.07 ng/ml



#7 delta-BHC

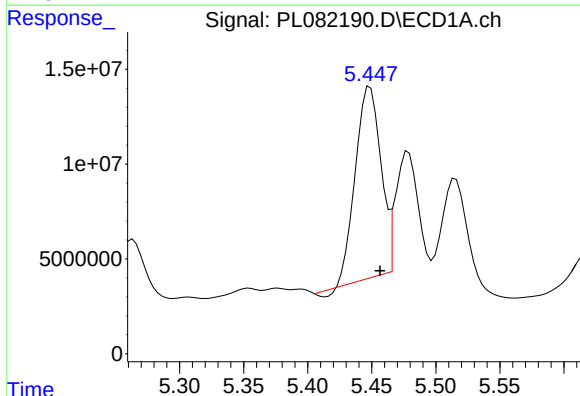
R.T.: 4.569 min  
Delta R.T.: 0.011 min  
Response: 54485228  
Conc: 17.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



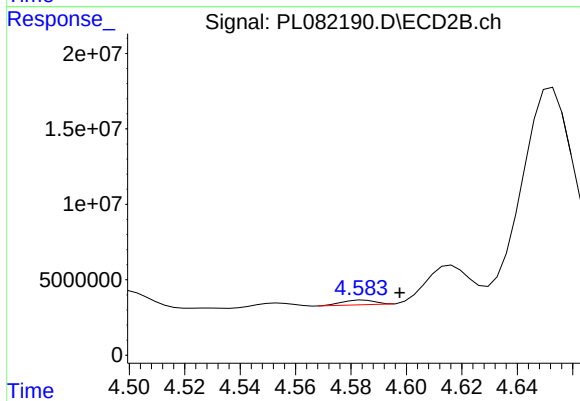
#7 delta-BHC

R.T.: 4.004 min  
Delta R.T.: -0.007 min  
Response: 42624470  
Conc: 16.48 ng/ml



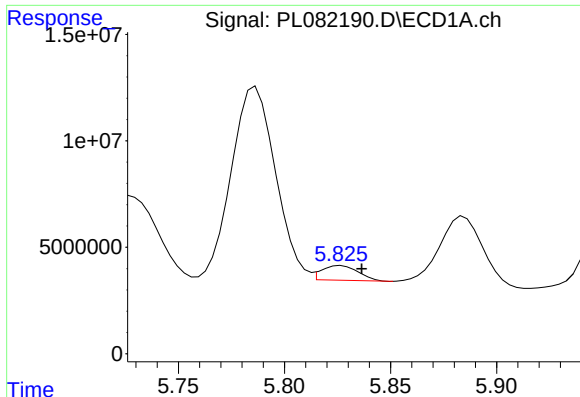
#8 Heptachlor epoxide

R.T.: 5.449 min  
Delta R.T.: -0.008 min  
Response: 137825059  
Conc: 50.67 ng/ml



#8 Heptachlor epoxide

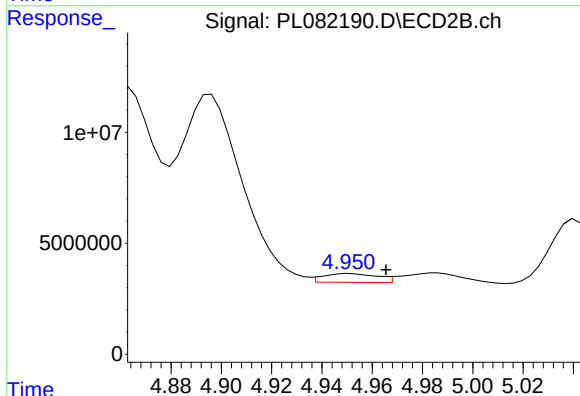
R.T.: 4.585 min  
Delta R.T.: -0.013 min  
Response: 2533817  
Conc: 1.04 ng/ml



#9 Endosulfan I

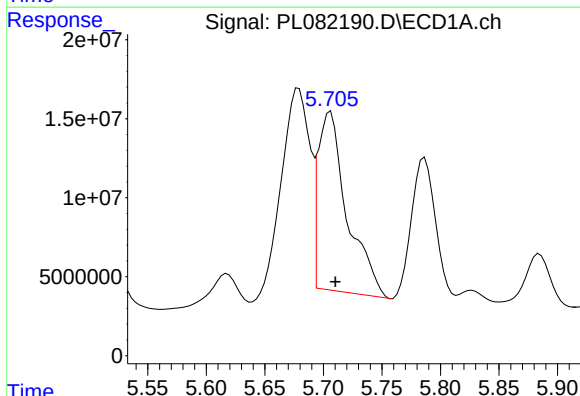
R.T.: 5.827 min  
Delta R.T.: -0.010 min  
Response: 8229481  
Conc: 3.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



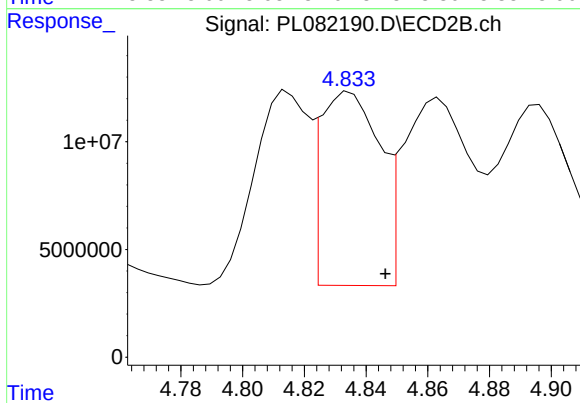
#9 Endosulfan I

R.T.: 4.951 min  
Delta R.T.: -0.015 min  
Response: 5873854  
Conc: 2.66 ng/ml



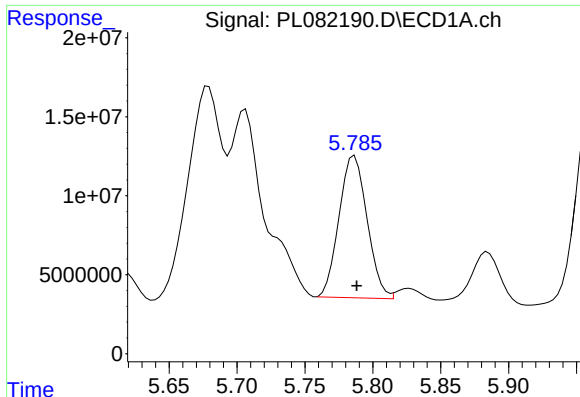
#10 gamma-Chlordane

R.T.: 5.706 min  
Delta R.T.: -0.004 min  
Response: 194881682  
Conc: 74.23 ng/ml



#10 gamma-Chlordane

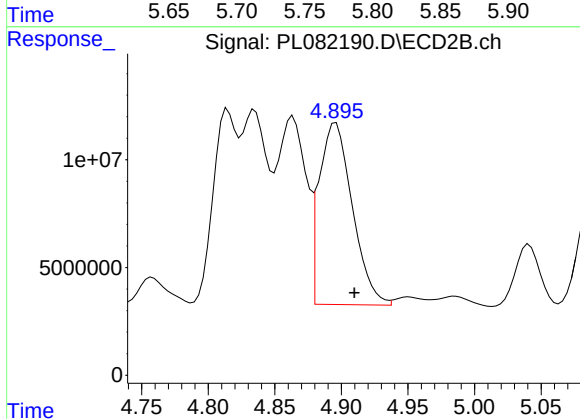
R.T.: 4.835 min  
Delta R.T.: -0.011 min  
Response: 119051304  
Conc: 48.98 ng/ml



#11 alpha-Chlordane

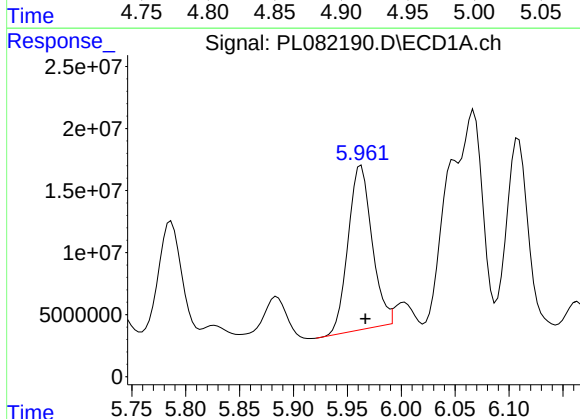
R.T.: 5.786 min  
Delta R.T.: -0.002 min  
Response: 129294552  
Conc: 49.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



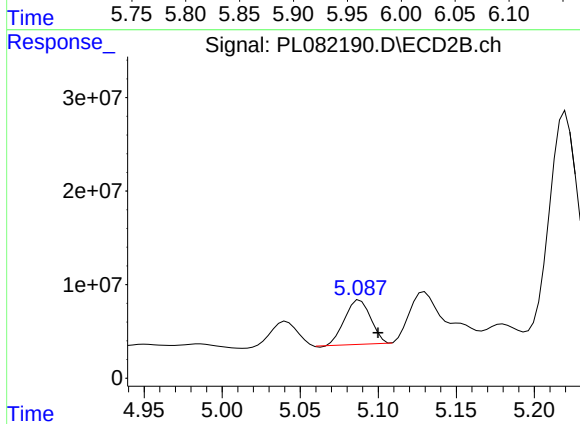
#11 alpha-Chlordane

R.T.: 4.896 min  
Delta R.T.: -0.014 min  
Response: 146359435  
Conc: 60.26 ng/ml



#12 4,4'-DDE

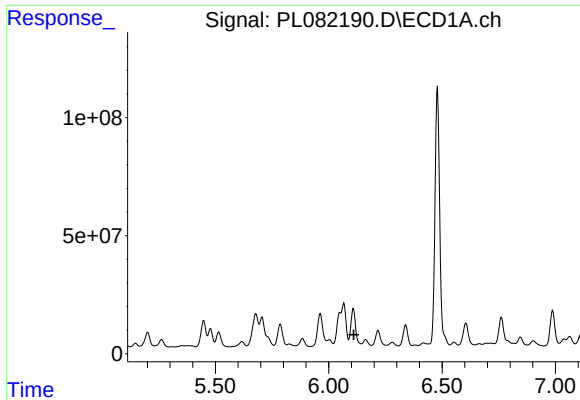
R.T.: 5.963 min  
Delta R.T.: -0.004 min  
Response: 204121294  
Conc: 90.57 ng/ml



#12 4,4'-DDE

R.T.: 5.088 min  
Delta R.T.: -0.012 min  
Response: 55007856  
Conc: 27.93 ng/ml

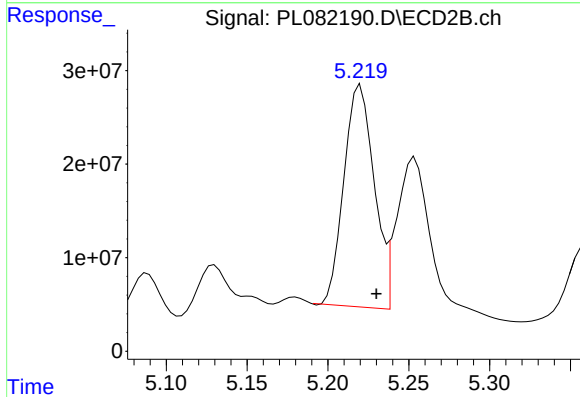




#13 Dieldrin

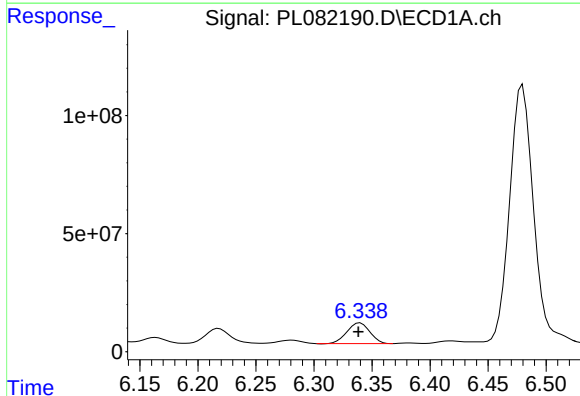
R.T.: 6.109 min  
Delta R.T.: -0.002 min  
Response: -26549138  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



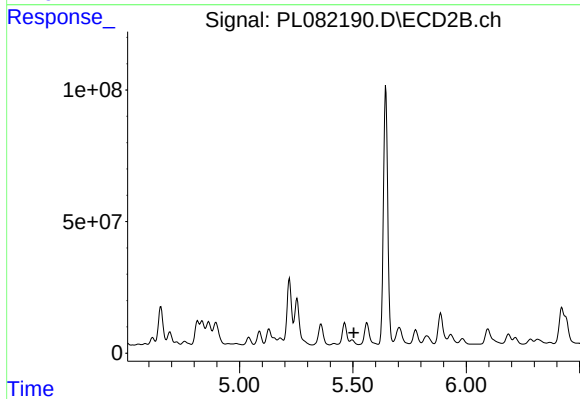
#13 Dieldrin

R.T.: 5.220 min  
Delta R.T.: -0.010 min  
Response: 309117942  
Conc: 137.42 ng/ml



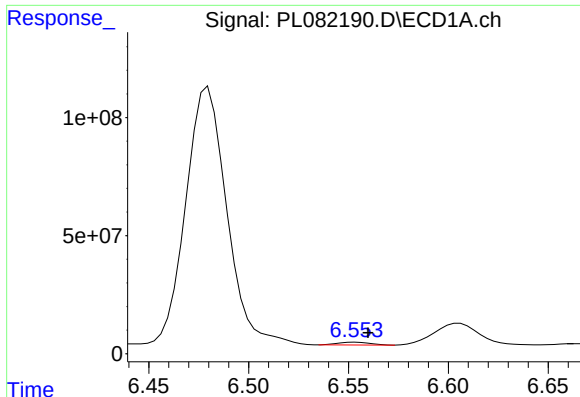
#14 Endrin

R.T.: 6.340 min  
Delta R.T.: 0.002 min  
Response: 120680007  
Conc: 57.05 ng/ml



#14 Endrin

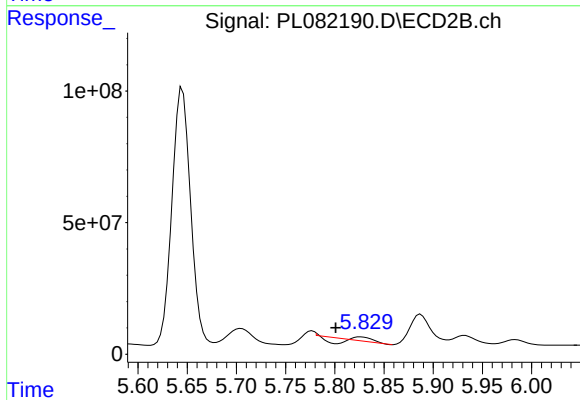
R.T.: 5.497 min  
Delta R.T.: -0.008 min  
Response: -22098124  
Conc: N.D.



#15 Endosulfan II

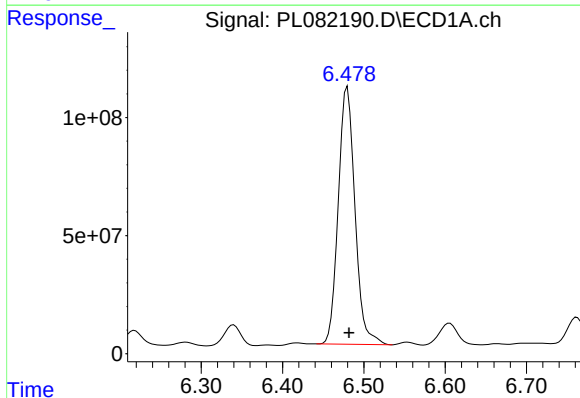
R.T.: 6.554 min  
Delta R.T.: -0.006 min  
Response: 13070191  
Conc: 6.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



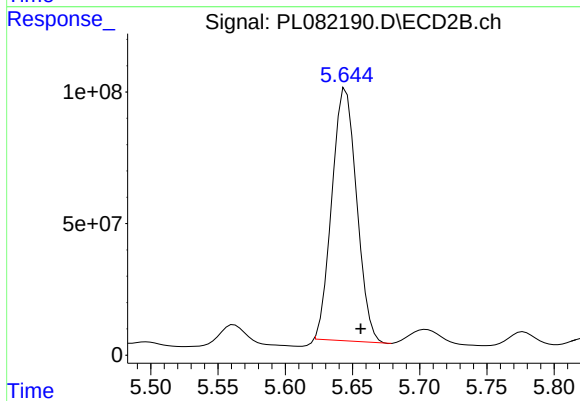
#15 Endosulfan II

R.T.: 5.827 min  
Delta R.T.: 0.026 min  
Response: 5882670  
Conc: 3.24 ng/ml



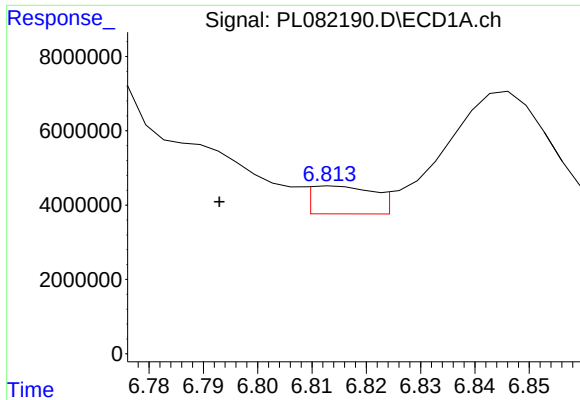
#16 4,4'-DDD

R.T.: 6.480 min  
Delta R.T.: -0.002 min  
Response: 1554546243  
Conc: 861.97 ng/ml



#16 4,4'-DDD

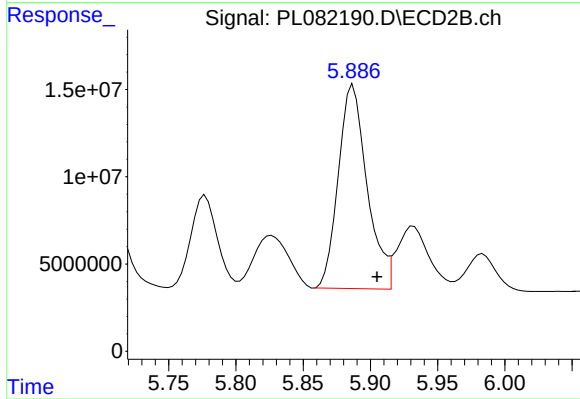
R.T.: 5.645 min  
Delta R.T.: -0.011 min  
Response: 1223090622  
Conc: 805.97 ng/ml



#17 4,4'-DDT

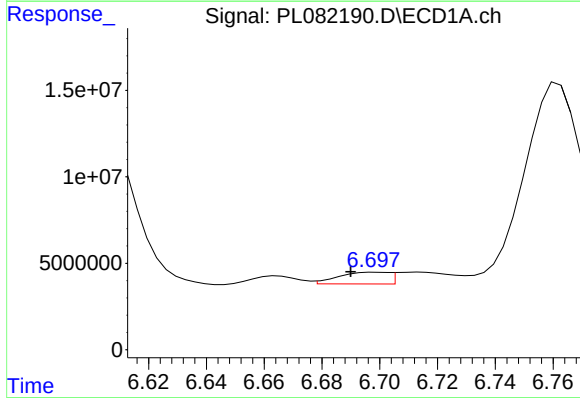
R.T.: 6.814 min  
Delta R.T.: 0.021 min  
Response: 6059626  
Conc: 2.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



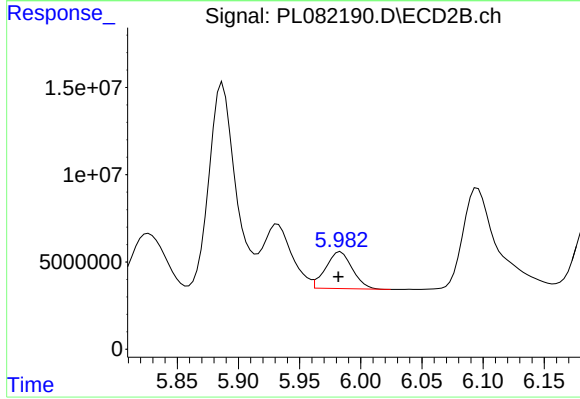
#17 4,4'-DDT

R.T.: 5.887 min  
Delta R.T.: -0.018 min  
Response: 173273518  
Conc: 100.55 ng/ml



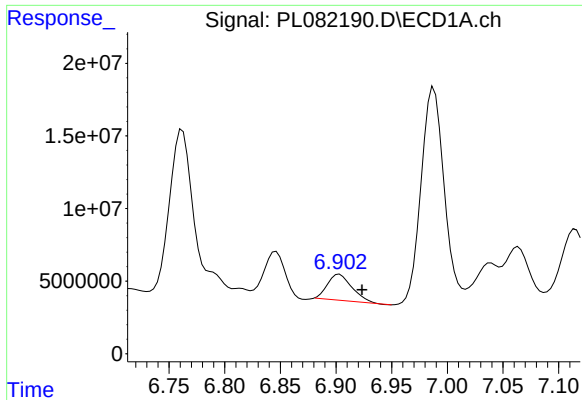
#18 Endrin aldehyde

R.T.: 6.698 min  
Delta R.T.: 0.009 min  
Response: 8145370  
Conc: 4.98 ng/ml



#18 Endrin aldehyde

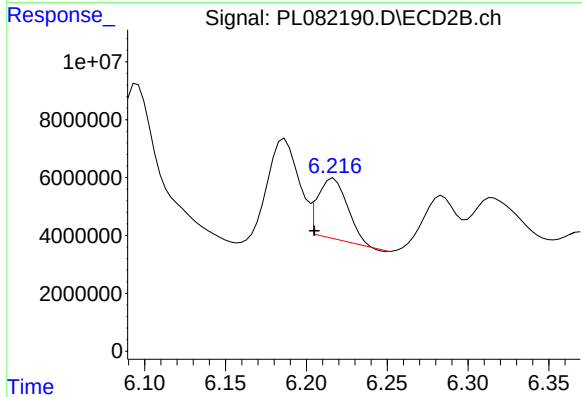
R.T.: 5.984 min  
Delta R.T.: 0.002 min  
Response: 31899120  
Conc: 20.54 ng/ml



#19 Endosulfan Sulfate

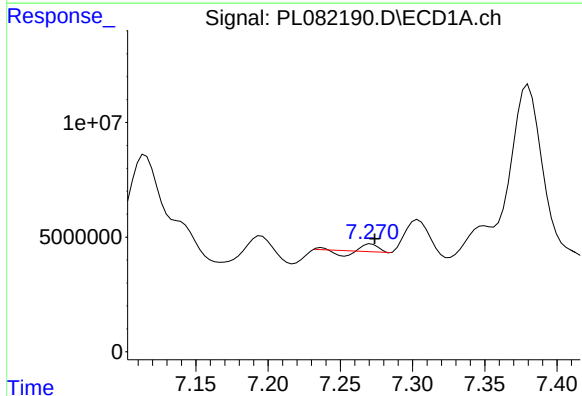
R.T.: 6.903 min  
Delta R.T.: -0.021 min  
Response: 27479106  
Conc: 13.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



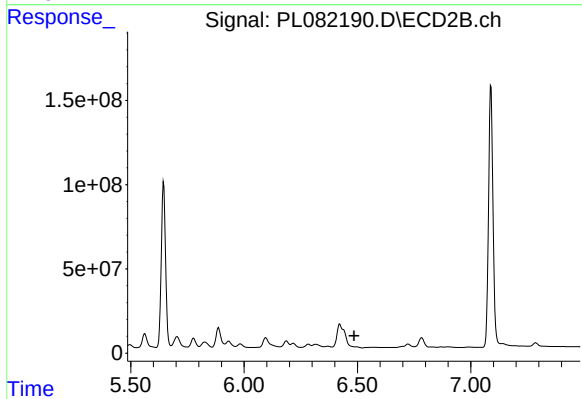
#19 Endosulfan Sulfate

R.T.: 6.217 min  
Delta R.T.: 0.012 min  
Response: 26611834  
Conc: 13.68 ng/ml



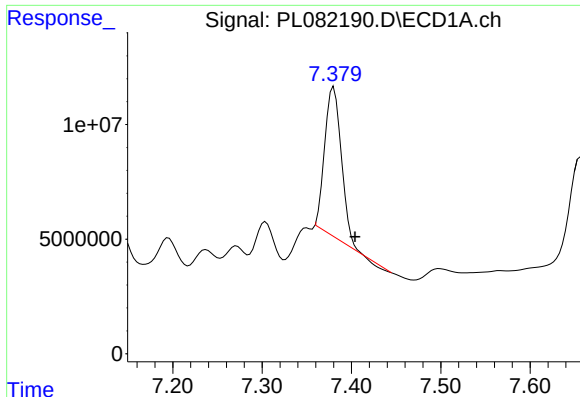
#20 Methoxychlor

R.T.: 7.271 min  
Delta R.T.: -0.002 min  
Response: 1051205  
Conc: 0.98 ng/ml



#20 Methoxychlor

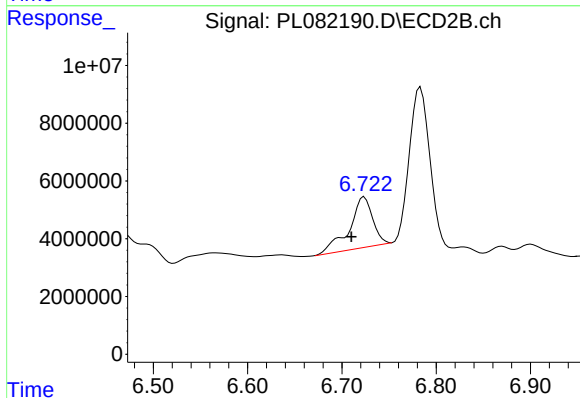
R.T.: 0.000 min  
Exp R.T. : 6.485 min  
Response: 0  
Conc: N.D.



#21 Endrin ketone

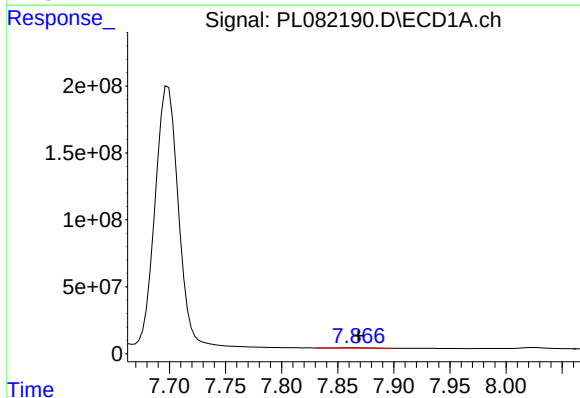
R.T.: 7.380 min  
Delta R.T.: -0.024 min  
Response: 80934528  
Conc: 38.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



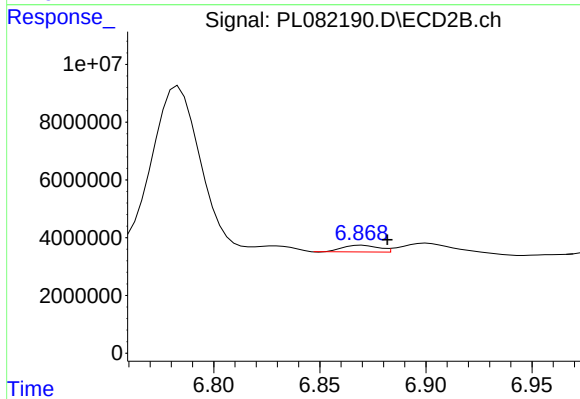
#21 Endrin ketone

R.T.: 6.724 min  
Delta R.T.: 0.014 min  
Response: 30182492  
Conc: 14.12 ng/ml



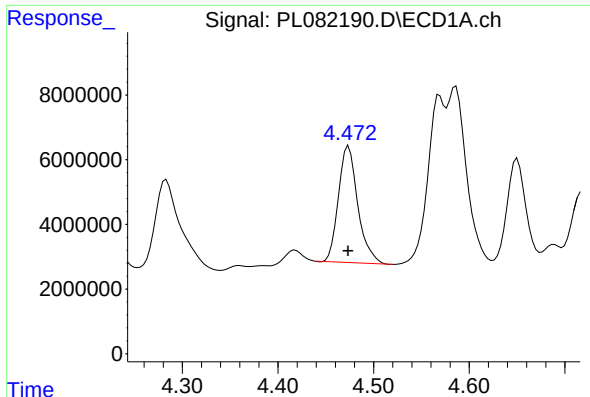
#22 Mirex

R.T.: 7.866 min  
Delta R.T.: -0.003 min  
Response: 3929863  
Conc: 2.29 ng/ml



#22 Mirex

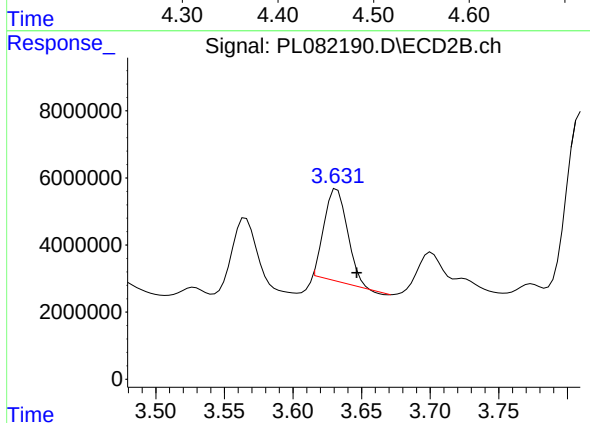
R.T.: 6.870 min  
Delta R.T.: -0.012 min  
Response: 2697523  
Conc: 1.41 ng/ml



#23 Chlordane-1

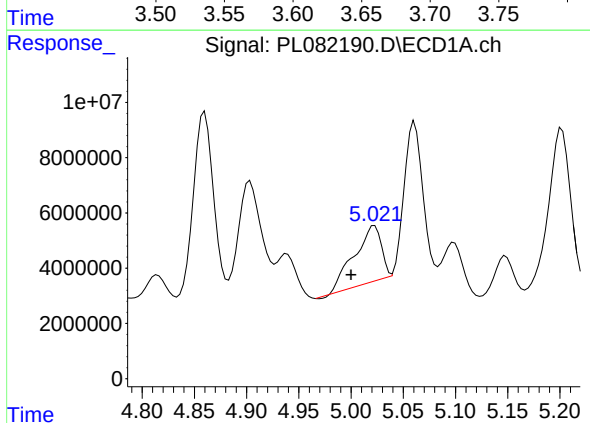
R.T.: 4.474 min  
Delta R.T.: 0.000 min  
Response: 50672529  
Conc: 509.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



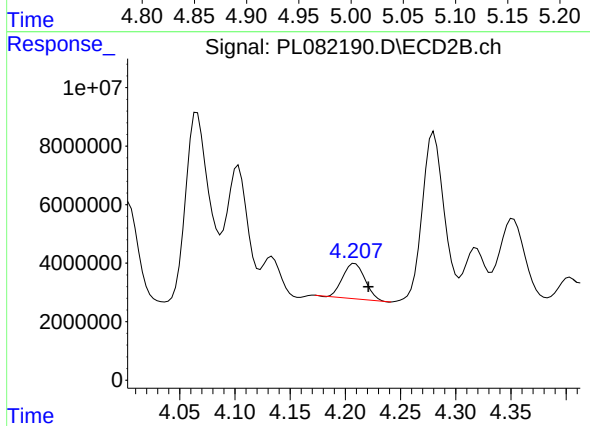
#23 Chlordane-1

R.T.: 3.632 min  
Delta R.T.: -0.014 min  
Response: 32321161  
Conc: 419.62 ng/ml



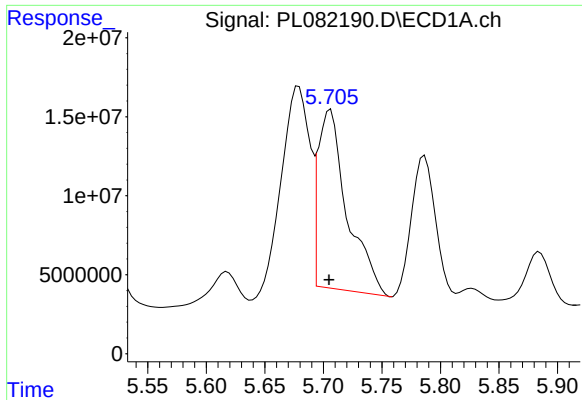
#24 Chlordane-2

R.T.: 5.022 min  
Delta R.T.: 0.023 min  
Response: 36288860  
Conc: 348.68 ng/ml



#24 Chlordane-2

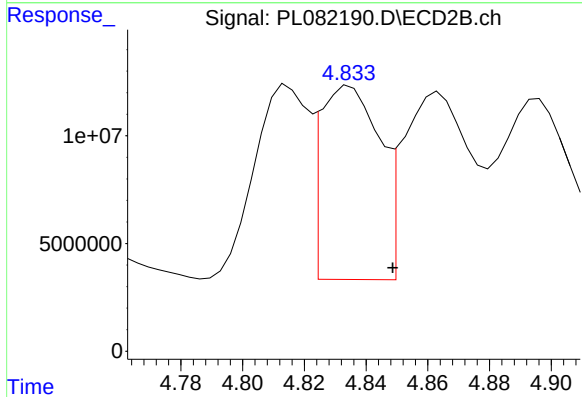
R.T.: 4.209 min  
Delta R.T.: -0.012 min  
Response: 17191815  
Conc: 184.03 ng/ml



#25 Chlordane-3

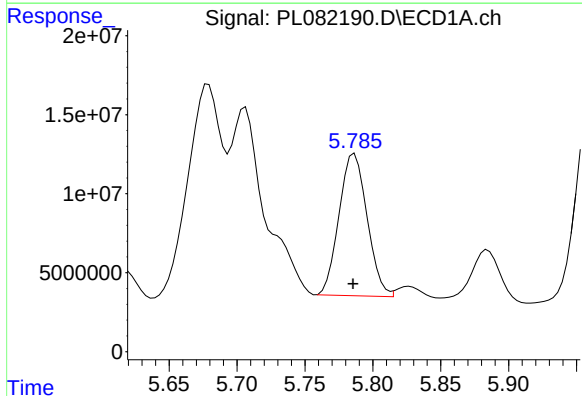
R.T.: 5.706 min  
Delta R.T.: 0.001 min  
Response: 194881682  
Conc: 491.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



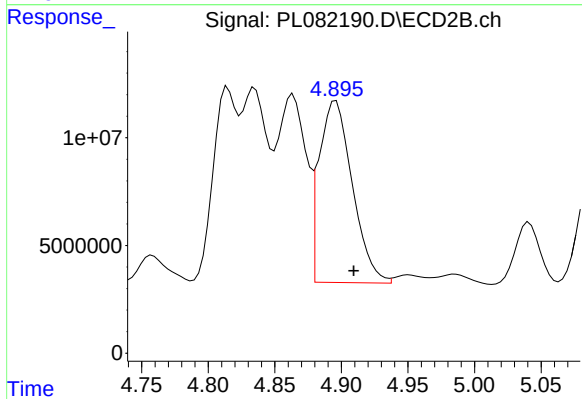
#25 Chlordane-3

R.T.: 4.835 min  
Delta R.T.: -0.014 min  
Response: 119051304  
Conc: 472.67 ng/ml



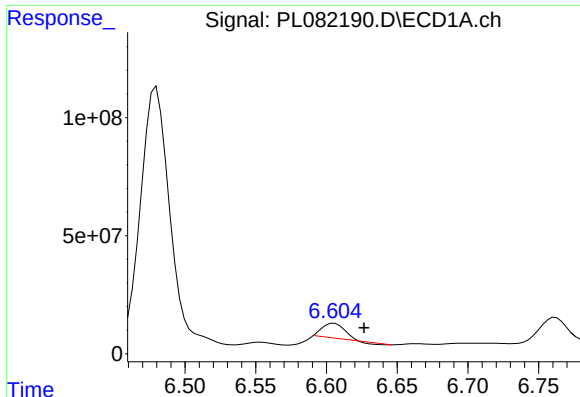
#26 Chlordane-4

R.T.: 5.786 min  
Delta R.T.: 0.000 min  
Response: 129294552  
Conc: 270.17 ng/ml



#26 Chlordane-4

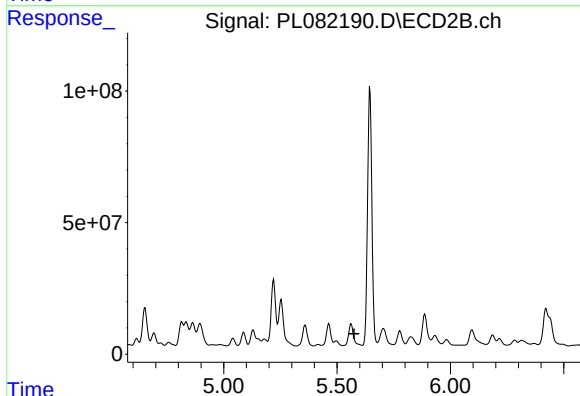
R.T.: 4.896 min  
Delta R.T.: -0.013 min  
Response: 146359435  
Conc: 558.77 ng/ml



#27 Chlordane-5

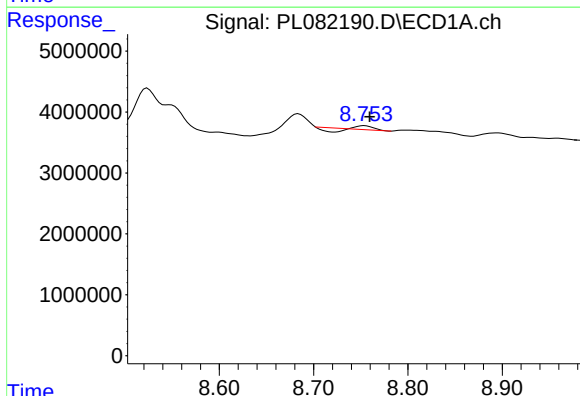
R.T.: 6.606 min  
Delta R.T.: -0.021 min  
Response: 64060541  
Conc: 754.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



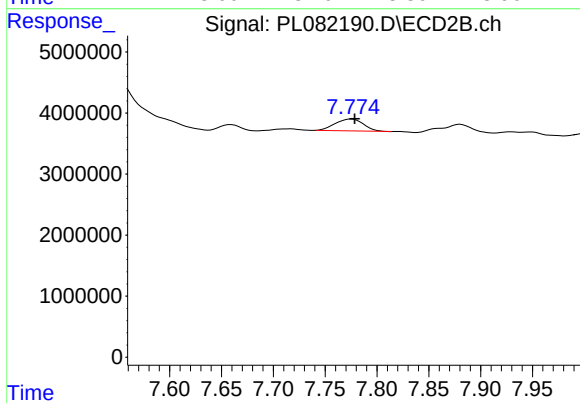
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 5.575 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.754 min  
Delta R.T.: -0.006 min  
Response: 91653  
Conc: 0.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.776 min  
Delta R.T.: -0.003 min  
Response: 3700822  
Conc: 1.87 ng/ml