

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041923\  
 Data File : PL082192.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Apr 2023 14:44  
 Operator : AR\AJ  
 Sample : 02386-07MSD 20X  
 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: Apr 19 22:06:12 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... | 3.310f | 2.646  | 12284335 | 19760349  | 5.282   | 9.899 #   |
| 28)                         | SA Decachlor... | 8.745  | 7.770  | 1108580  | 3794115   | 0.619   | 1.913 #   |
| Target Compounds            |                 |        |        |          |           |         |           |
| 4)                          | MA Heptachlor   | 4.682  | 3.824  | -1784396 | 111.8E6   | N.D.    | 39.012    |
| 5)                          | MB Aldrin       | 5.015  | 4.104  | 40771175 | 65296956  | 14.254  | 24.507 #  |
| 6)                          | B beta-BHC      | 0.000  | 3.775  | 0        | 947296    | N.D.    | 0.795 #   |
| 7)                          | B delta-BHC     | 4.562  | 4.006  | 59812698 | 44432674  | 19.680  | 17.181    |
| 8)                          | B Heptachlo...  | 5.442  | 4.585  | 155.5E6  | 2483387   | 57.180  | 1.022 #   |
| 9)                          | A Endosulfan I  | 5.819f | 4.951  | 8585471  | 5781342   | 3.475   | 2.619     |
| 10)                         | B gamma-Chl...  | 5.699  | 4.835  | 154.9E6  | 118.7E6   | 58.991  | 48.854    |
| 11)                         | B alpha-Chl...  | 5.779  | 4.896  | 130.9E6  | 148.7E6   | 50.586  | 61.212    |
| 12)                         | B 4,4'-DDE      | 5.955  | 5.088  | 211.4E6  | 57751785  | 93.784  | 29.319 #  |
| 13)                         | MA Dieldrin     | 6.101  | 5.220  | 94691886 | 317.3E6   | 39.114  | 141.074 # |
| 14)                         | MA Endrin       | 6.332  | 5.497  | 126.5E6  | -42602972 | 59.795  | N.D. #    |
| 15)                         | B Endosulfa...  | 6.547  | 5.826f | 13498561 | -4584787  | 6.361   | N.D. #    |
| 16)                         | A 4,4'-DDD      | 6.473  | 5.644  | 1551.0E6 | 1266.4E6  | 860.026 | 834.537   |
| 17)                         | MA 4,4'-DDT     | 6.807  | 5.886f | 5418414  | 177.8E6   | 2.670   | 103.203 # |
| 18)                         | B Endrin al...  | 6.691  | 5.983  | 2128913  | 32834201  | 1.301   | 21.143 #  |
| 19)                         | B Endosulfa...  | 6.896f | 6.216  | 16650236 | 23675314  | 7.989   | 12.168 #  |
| 21)                         | B Endrin ke...  | 0.000  | 6.722  | 0        | 29947995  | N.D.    | 14.014 #  |
| 22)                         | Mirex           | 7.861  | 6.868  | 4210669  | 2896510   | 2.458   | 1.509 #   |
| 23)                         | Chlordane-1     | 4.467  | 3.634  | 52718708 | 35224798  | 530.270 | 457.316   |
| 24)                         | Chlordane-2     | 5.015f | 4.210  | 40771175 | 17981748  | 391.744 | 192.487 # |
| 25)                         | Chlordane-3     | 5.699  | 4.835  | 154.9E6  | 118.7E6   | 390.965 | 471.404   |
| 26)                         | Chlordane-4     | 5.779  | 4.896  | 130.9E6  | 148.7E6   | 273.607 | 567.630 # |
| 27)                         | Chlordane-5     | 0.000  | 5.561  | 0        | 30788410  | N.D.    | 461.314 # |
| -----                       |                 |        |        |          |           |         |           |

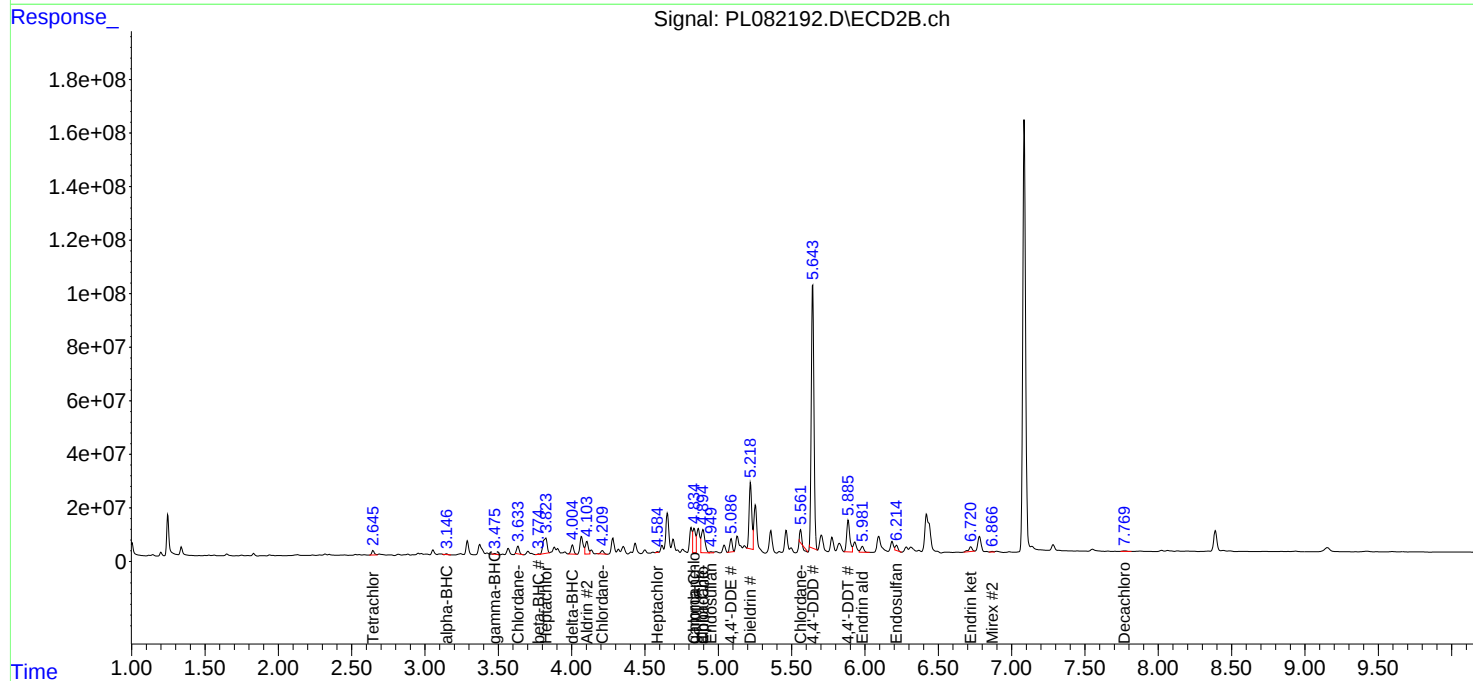
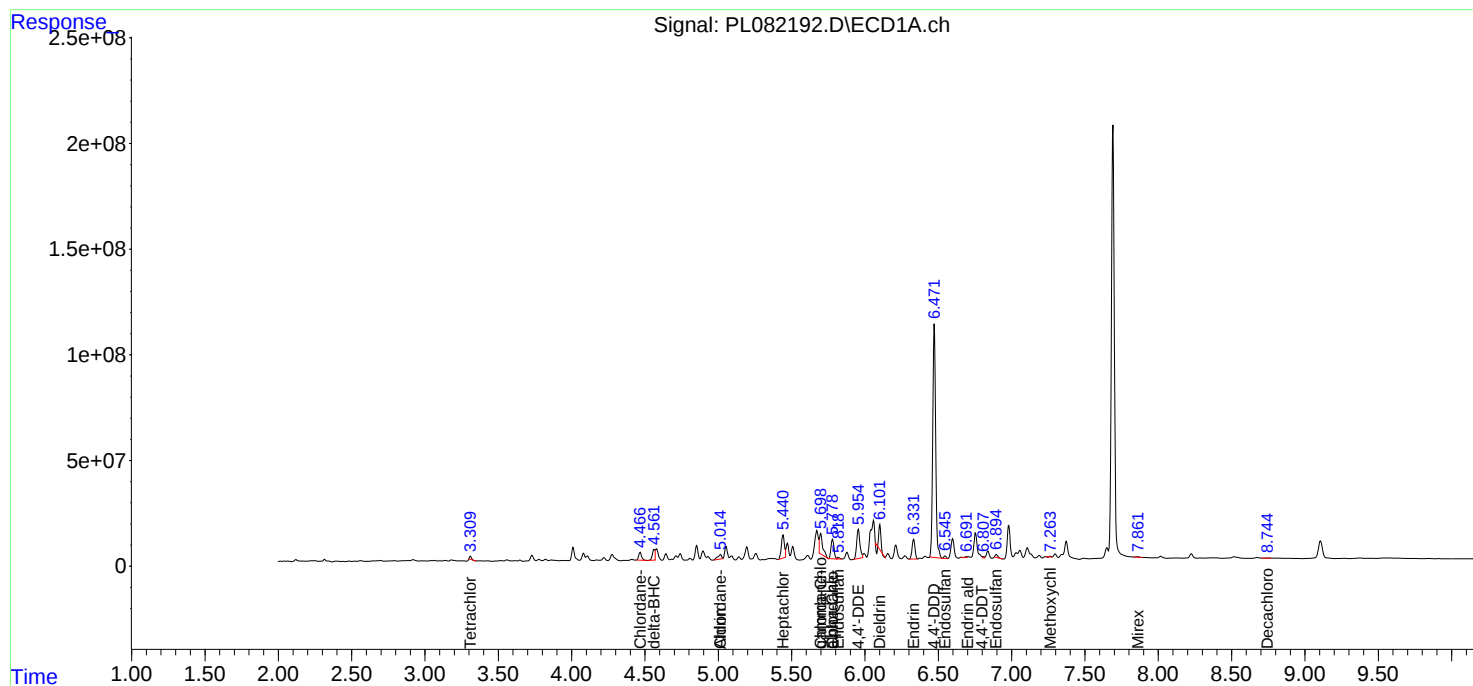
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

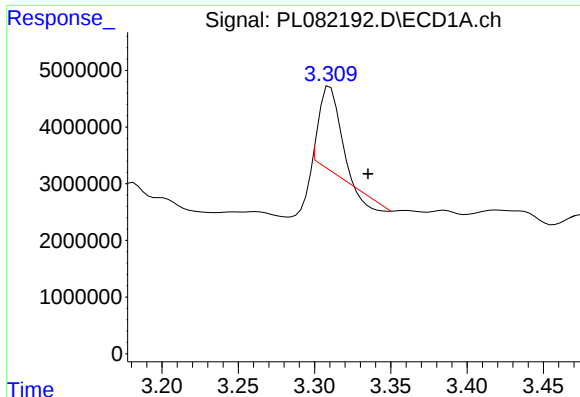
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041923\  
Data File : PL082192.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Apr 2023 14:44  
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ECD\_L  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 19 22:06:12 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  
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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

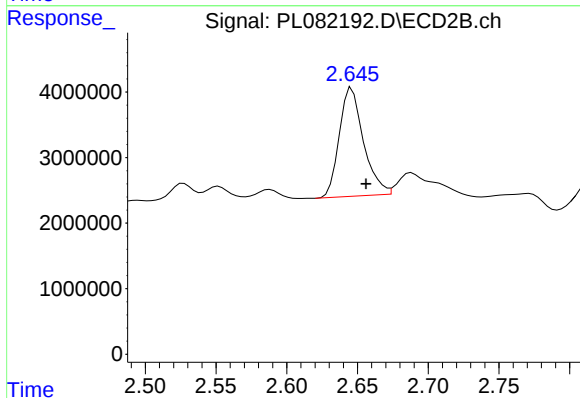




#1 Tetrachloro-m-xylene

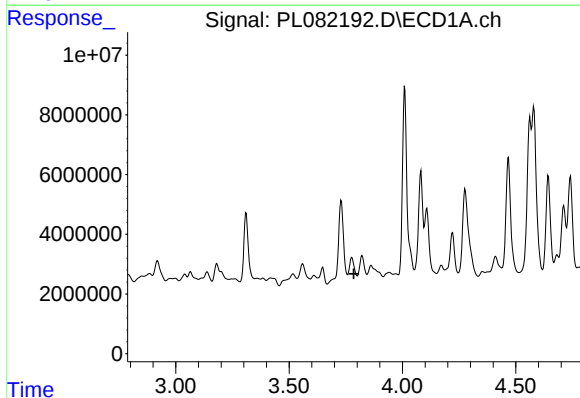
R.T.: 3.310 min  
Delta R.T.: -0.025 min  
Response: 12284335  
Conc: 5.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



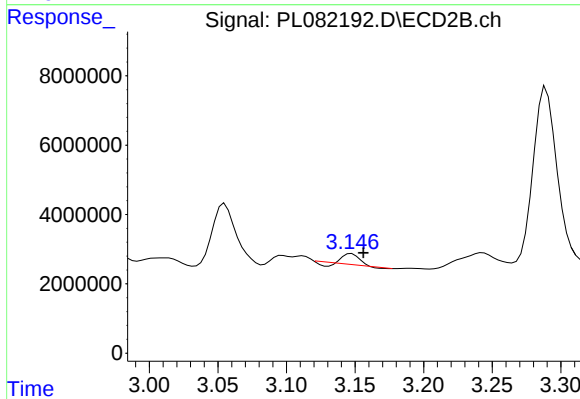
#1 Tetrachloro-m-xylene

R.T.: 2.646 min  
Delta R.T.: -0.010 min  
Response: 19760349  
Conc: 9.90 ng/ml



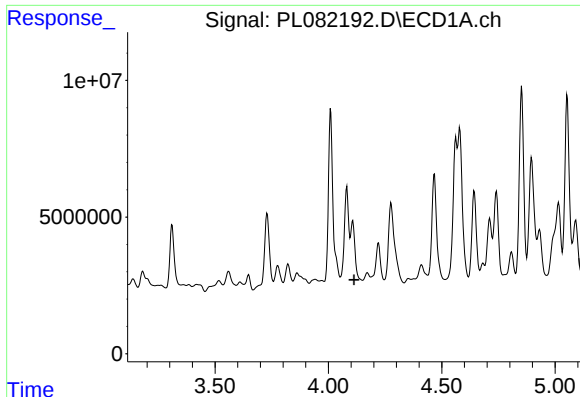
#2 alpha-BHC

R.T.: 3.777 min  
Delta R.T.: -0.008 min  
Response: -3203104  
Conc: N.D.



#2 alpha-BHC

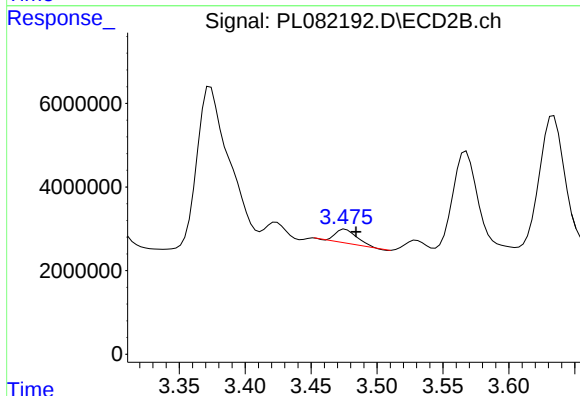
R.T.: 3.147 min  
Delta R.T.: -0.009 min  
Response: 1935687  
Conc: 0.66 ng/ml



#3 gamma-BHC (Lindane)

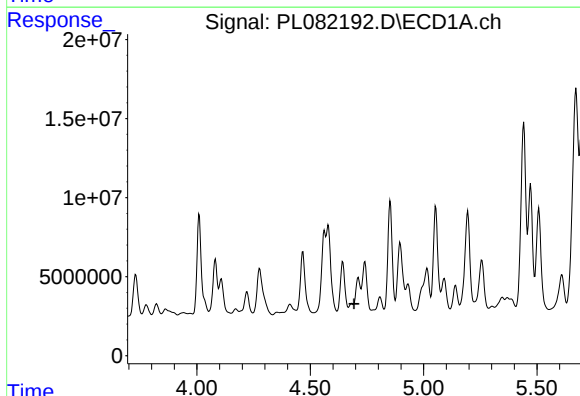
R.T.: 4.108 min  
Delta R.T.: -0.006 min  
Response: -16312408  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



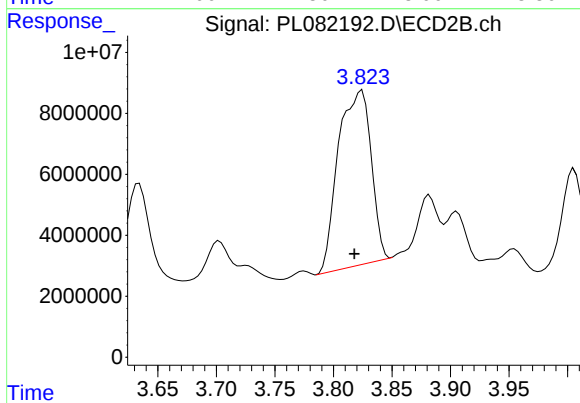
#3 gamma-BHC (Lindane)

R.T.: 3.476 min  
Delta R.T.: -0.008 min  
Response: 3808584  
Conc: 1.37 ng/ml



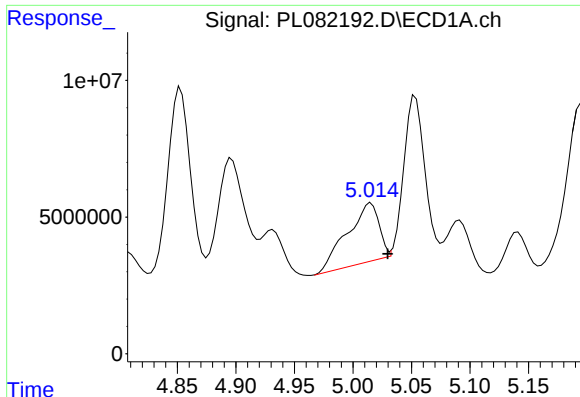
#4 Heptachlor

R.T.: 4.682 min  
Delta R.T.: -0.011 min  
Response: -1784396  
Conc: N.D.



#4 Heptachlor

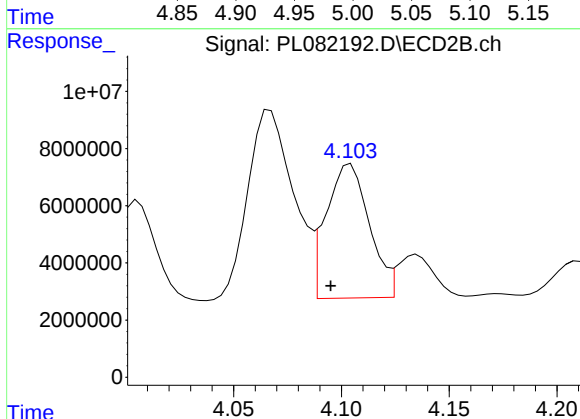
R.T.: 3.824 min  
Delta R.T.: 0.006 min  
Response: 111847414  
Conc: 39.01 ng/ml



#5 Aldrin

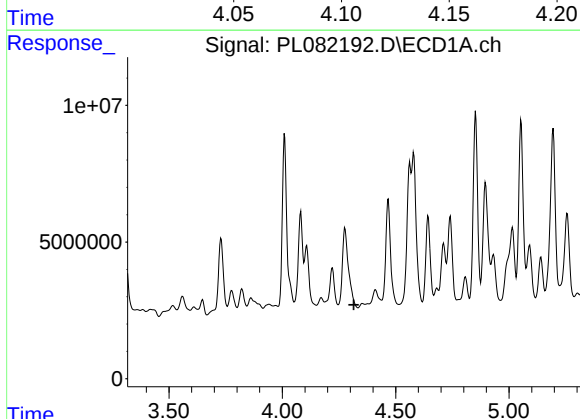
R.T.: 5.015 min  
Delta R.T.: -0.015 min  
Response: 40771175  
Conc: 14.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



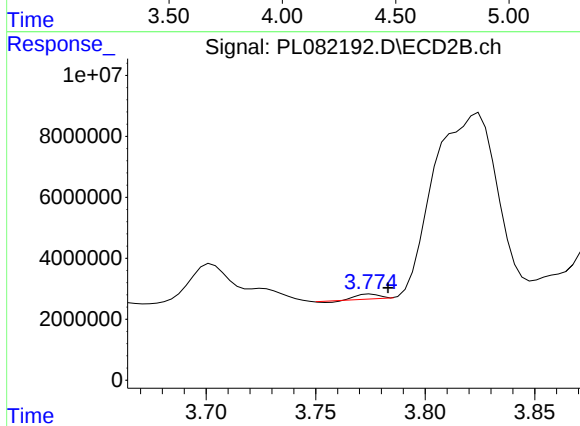
#5 Aldrin

R.T.: 4.104 min  
Delta R.T.: 0.009 min  
Response: 65296956  
Conc: 24.51 ng/ml



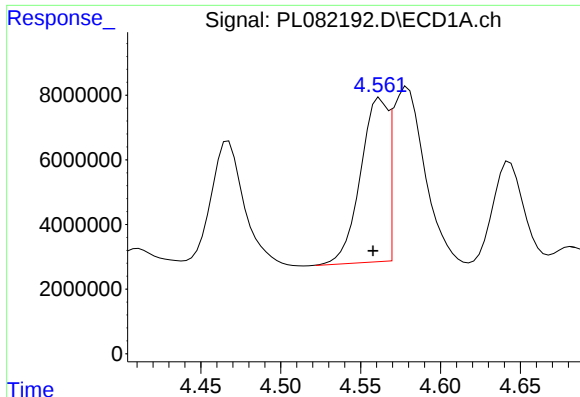
#6 beta-BHC

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



#6 beta-BHC

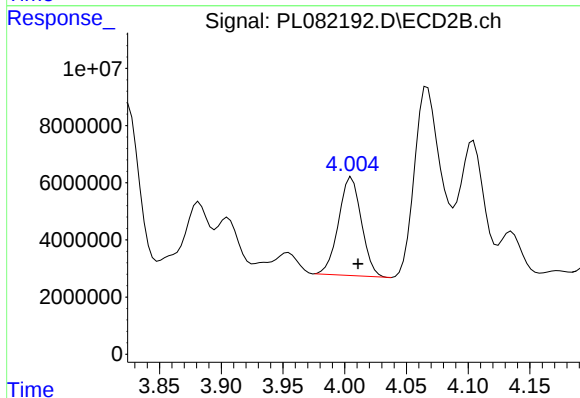
R.T.: 3.775 min  
Delta R.T.: -0.008 min  
Response: 947296  
Conc: 0.80 ng/ml



#7 delta-BHC

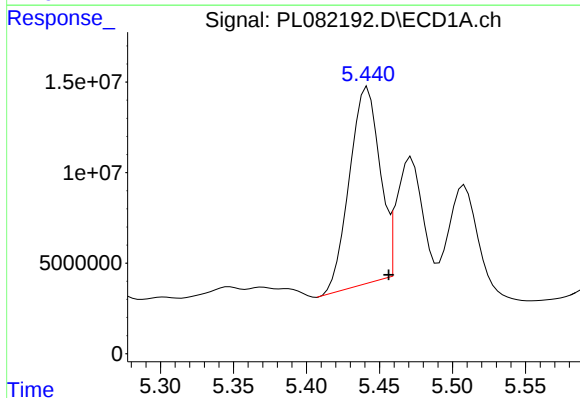
R.T.: 4.562 min  
Delta R.T.: 0.004 min  
Response: 59812698  
Conc: 19.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



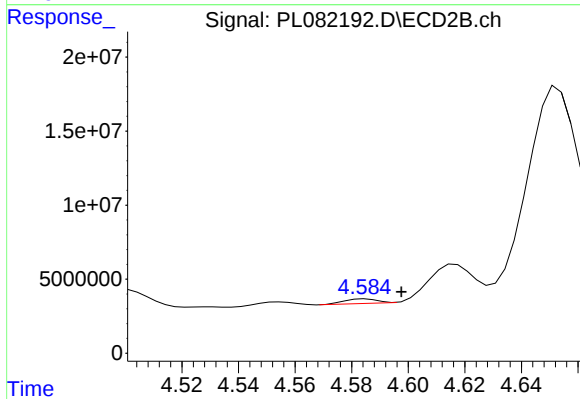
#7 delta-BHC

R.T.: 4.006 min  
Delta R.T.: -0.005 min  
Response: 44432674  
Conc: 17.18 ng/ml



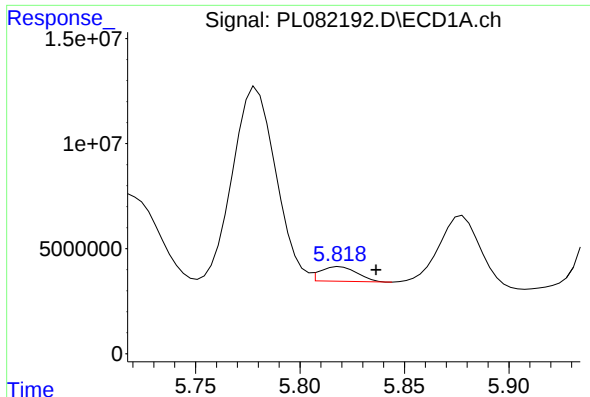
#8 Heptachlor epoxide

R.T.: 5.442 min  
Delta R.T.: -0.014 min  
Response: 155532749  
Conc: 57.18 ng/ml



#8 Heptachlor epoxide

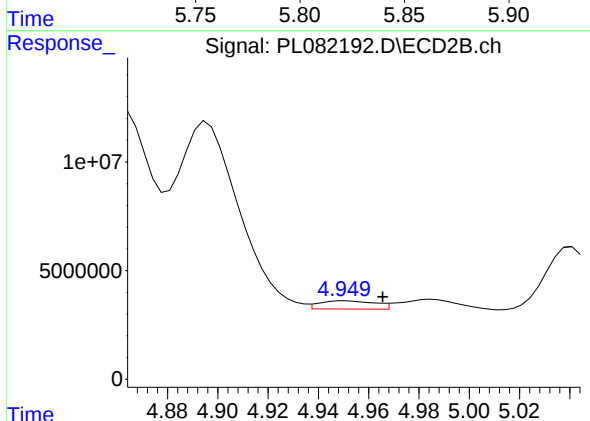
R.T.: 4.585 min  
Delta R.T.: -0.013 min  
Response: 2483387  
Conc: 1.02 ng/ml



#9 Endosulfan I

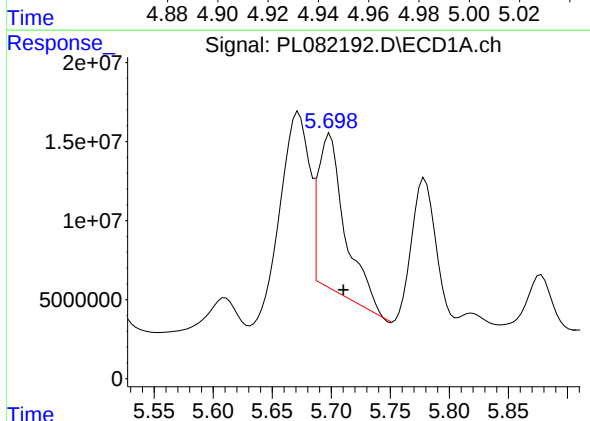
R.T.: 5.819 min  
Delta R.T.: -0.017 min  
Response: 8585471  
Conc: 3.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



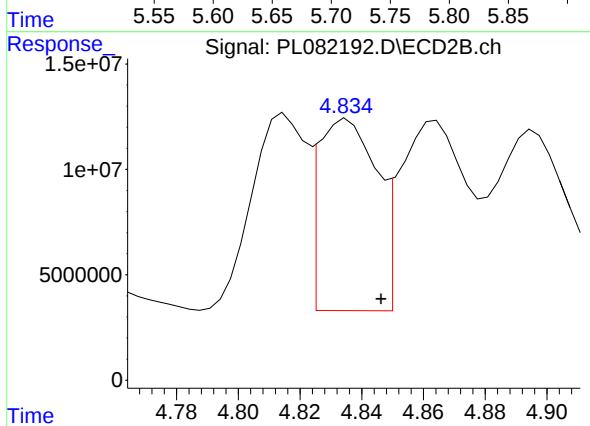
#9 Endosulfan I

R.T.: 4.951 min  
Delta R.T.: -0.015 min  
Response: 5781342  
Conc: 2.62 ng/ml



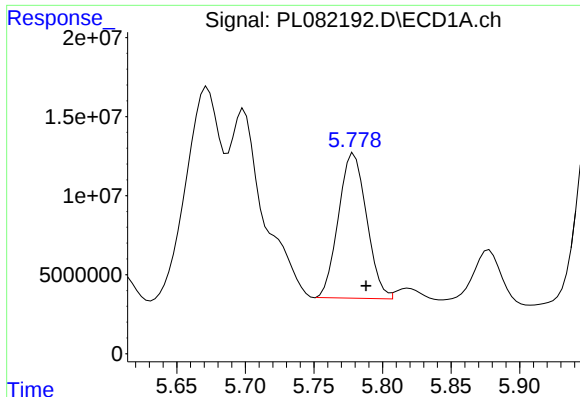
#10 gamma-Chlordane

R.T.: 5.699 min  
Delta R.T.: -0.011 min  
Response: 154866149  
Conc: 58.99 ng/ml



#10 gamma-Chlordane

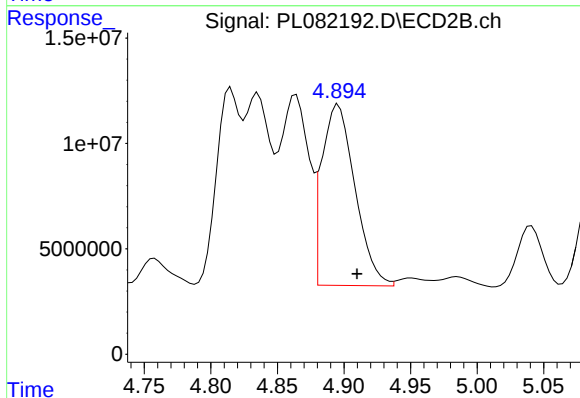
R.T.: 4.835 min  
Delta R.T.: -0.011 min  
Response: 118733039  
Conc: 48.85 ng/ml



#11 alpha-Chlordane

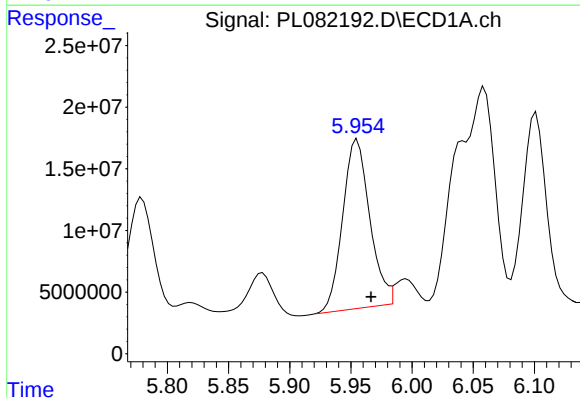
R.T.: 5.779 min  
Delta R.T.: -0.009 min  
Response: 130937350  
Conc: 50.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



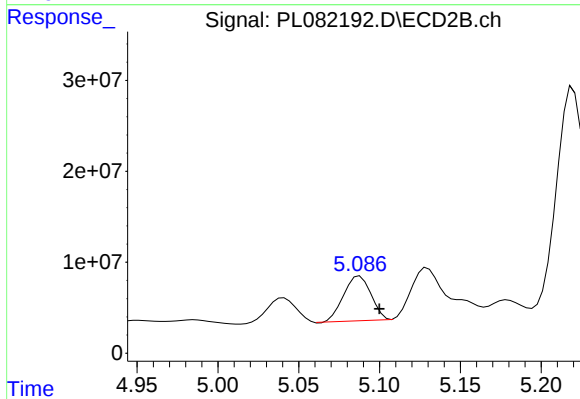
#11 alpha-Chlordane

R.T.: 4.896 min  
Delta R.T.: -0.014 min  
Response: 148680849  
Conc: 61.21 ng/ml



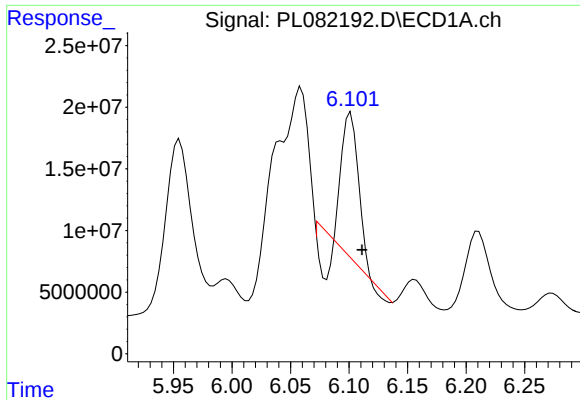
#12 4,4'-DDE

R.T.: 5.955 min  
Delta R.T.: -0.011 min  
Response: 211355677  
Conc: 93.78 ng/ml



#12 4,4'-DDE

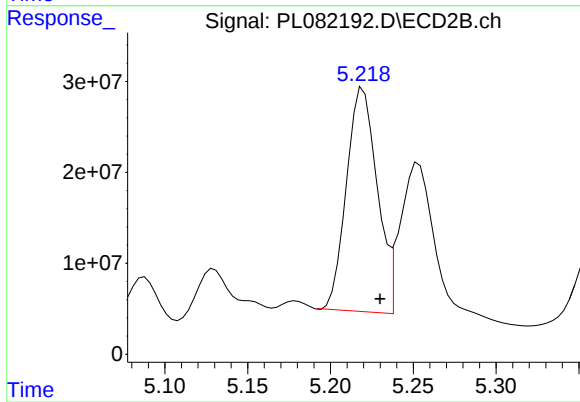
R.T.: 5.088 min  
Delta R.T.: -0.012 min  
Response: 57751785  
Conc: 29.32 ng/ml



#13 Dieldrin

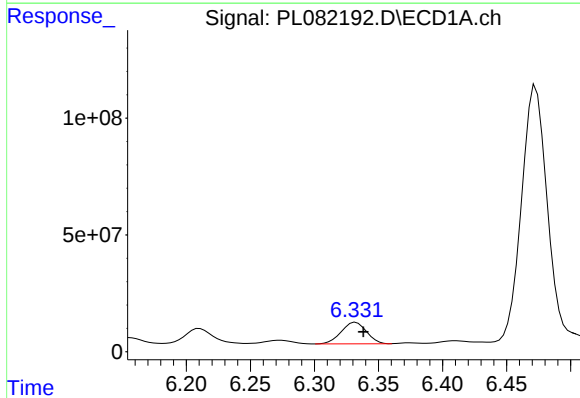
R.T.: 6.101 min  
Delta R.T.: -0.010 min  
Response: 94691886  
Conc: 39.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



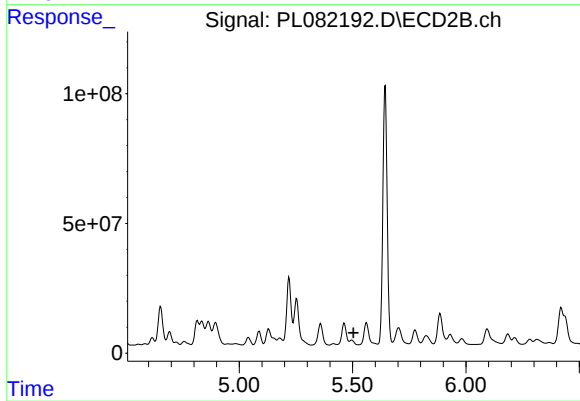
#13 Dieldrin

R.T.: 5.220 min  
Delta R.T.: -0.010 min  
Response: 317335138  
Conc: 141.07 ng/ml



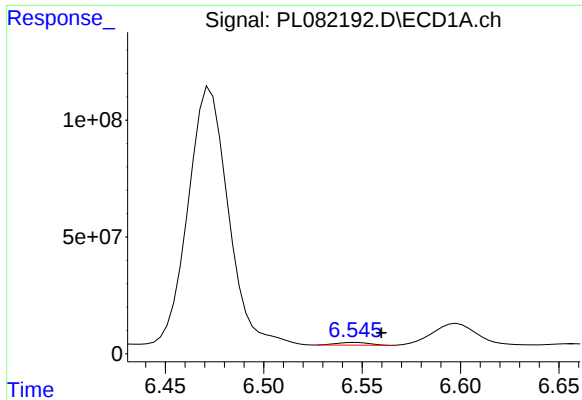
#14 Endrin

R.T.: 6.332 min  
Delta R.T.: -0.006 min  
Response: 126480412  
Conc: 59.80 ng/ml



#14 Endrin

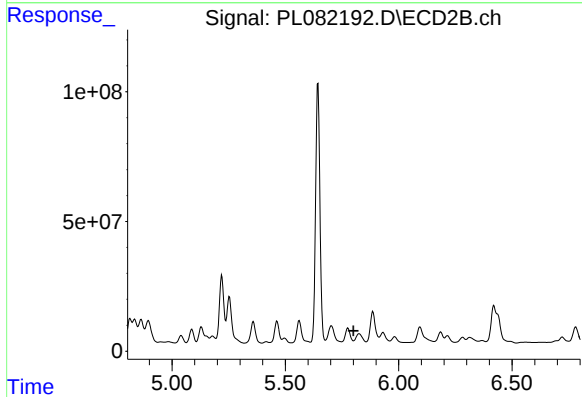
R.T.: 5.497 min  
Delta R.T.: -0.008 min  
Response: -42602972  
Conc: N.D.



#15 Endosulfan II

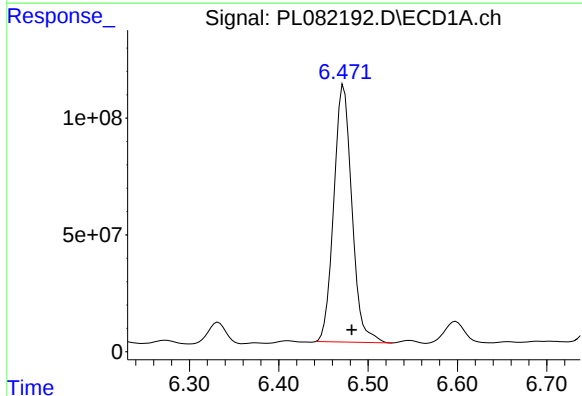
R.T.: 6.547 min  
Delta R.T.: -0.013 min  
Response: 13498561  
Conc: 6.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



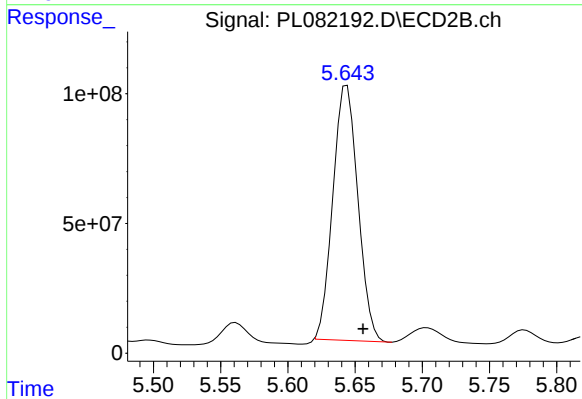
#15 Endosulfan II

R.T.: 5.826 min  
Delta R.T.: 0.025 min  
Response: -4584787  
Conc: N.D.



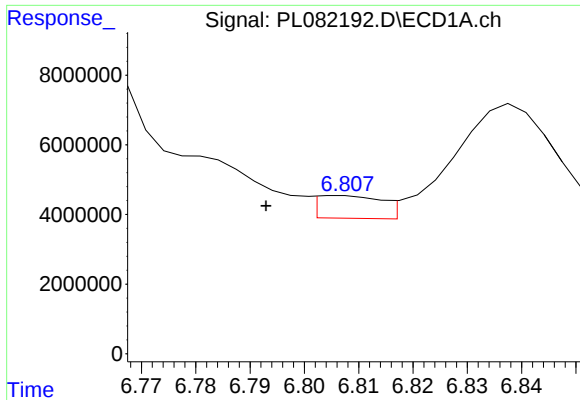
#16 4,4'-DDD

R.T.: 6.473 min  
Delta R.T.: -0.009 min  
Response: 1551044551  
Conc: 860.03 ng/ml



#16 4,4'-DDD

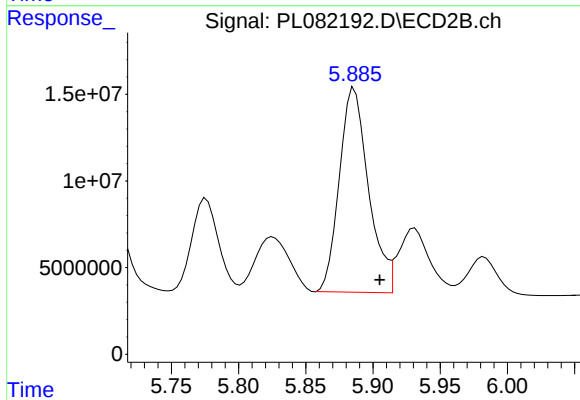
R.T.: 5.644 min  
Delta R.T.: -0.012 min  
Response: 1266437991  
Conc: 834.54 ng/ml



#17 4,4'-DDT

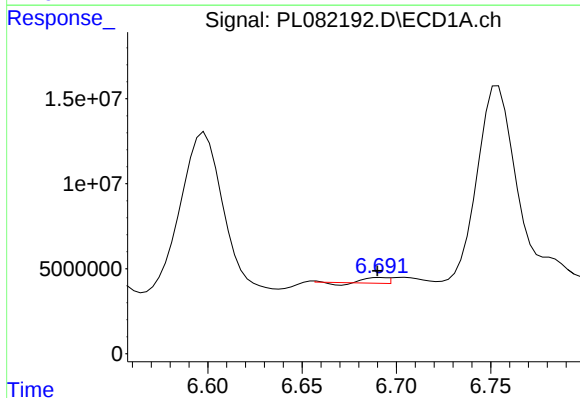
R.T.: 6.807 min  
Delta R.T.: 0.014 min  
Response: 5418414  
Conc: 2.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



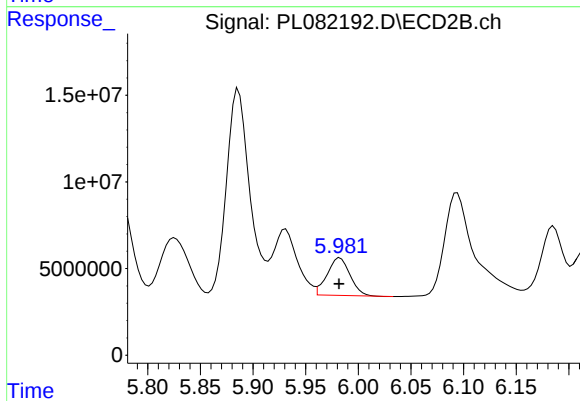
#17 4,4'-DDT

R.T.: 5.886 min  
Delta R.T.: -0.019 min  
Response: 177846888  
Conc: 103.20 ng/ml



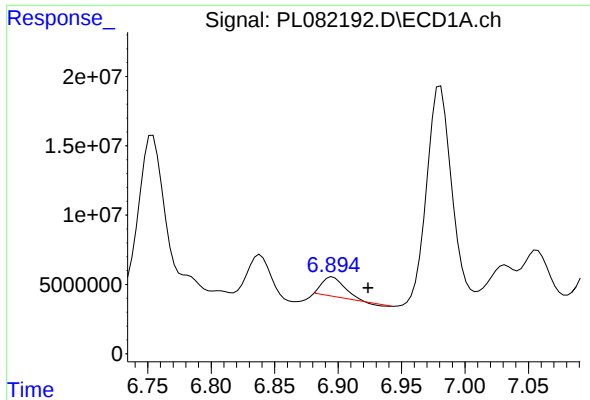
#18 Endrin aldehyde

R.T.: 6.691 min  
Delta R.T.: 0.001 min  
Response: 2128913  
Conc: 1.30 ng/ml



#18 Endrin aldehyde

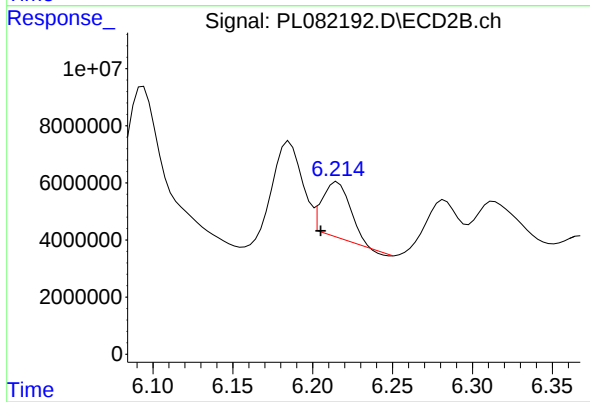
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 32834201  
Conc: 21.14 ng/ml



#19 Endosulfan Sulfate

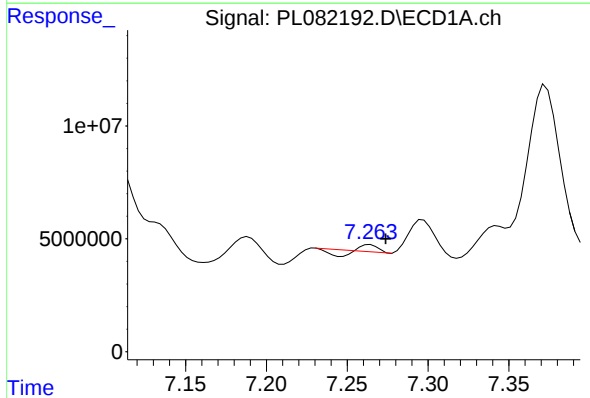
R.T.: 6.896 min  
Delta R.T.: -0.028 min  
Response: 16650236  
Conc: 7.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



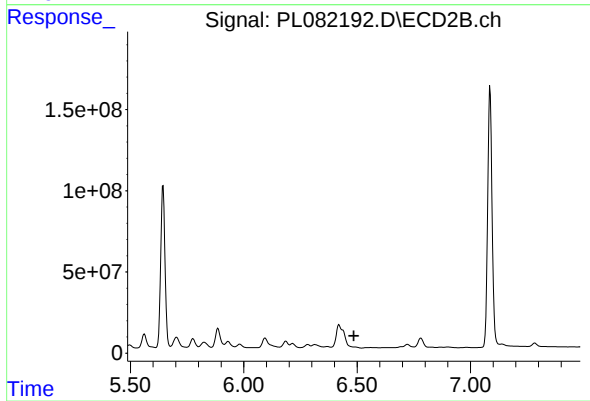
#19 Endosulfan Sulfate

R.T.: 6.216 min  
Delta R.T.: 0.011 min  
Response: 23675314  
Conc: 12.17 ng/ml



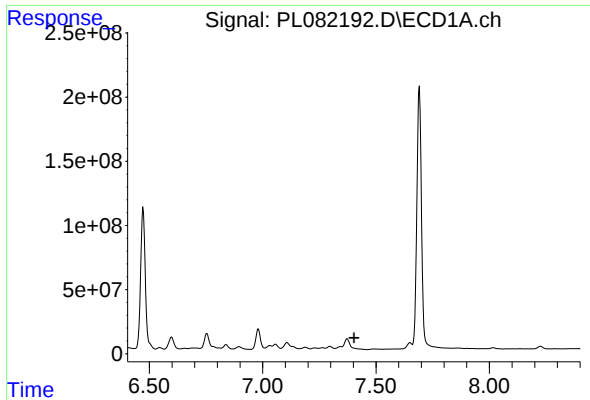
#20 Methoxychlor

R.T.: 7.264 min  
Delta R.T.: -0.009 min  
Response: 7528  
Conc: 0.01 ng/ml



#20 Methoxychlor

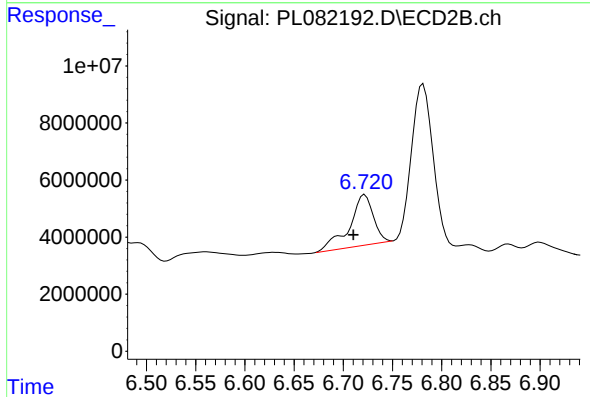
R.T.: 6.491 min  
Delta R.T.: 0.006 min  
Response: -15309510  
Conc: N.D.



#21 Endrin ketone

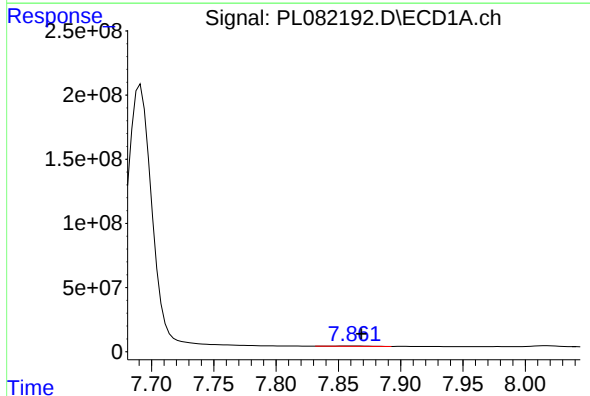
R.T.: 0.000 min  
Exp R.T.: 7.404 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



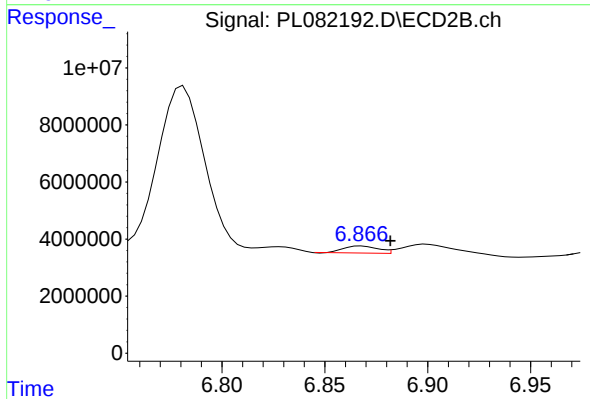
#21 Endrin ketone

R.T.: 6.722 min  
Delta R.T.: 0.012 min  
Response: 29947995  
Conc: 14.01 ng/ml



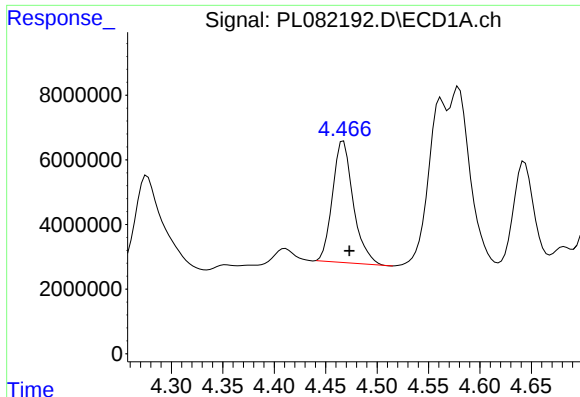
#22 Mirex

R.T.: 7.861 min  
Delta R.T.: -0.008 min  
Response: 4210669  
Conc: 2.46 ng/ml



#22 Mirex

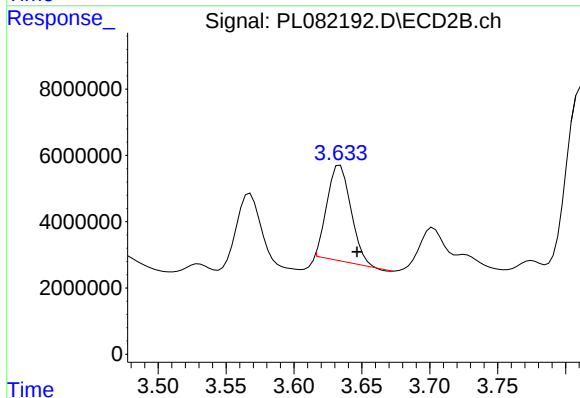
R.T.: 6.868 min  
Delta R.T.: -0.014 min  
Response: 2896510  
Conc: 1.51 ng/ml



#23 Chlordane-1

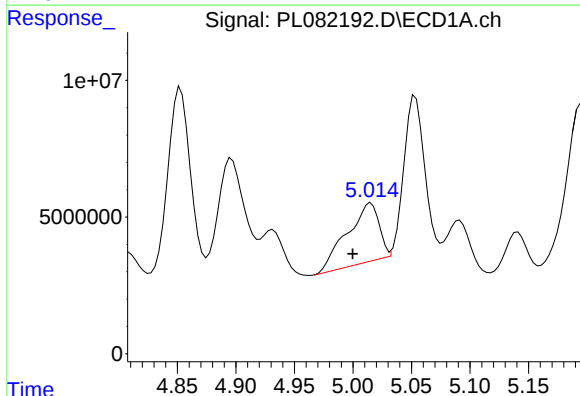
R.T.: 4.467 min  
Delta R.T.: -0.006 min  
Response: 52718708  
Conc: 530.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



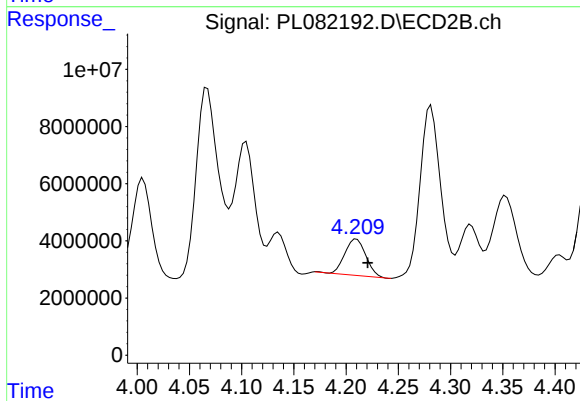
#23 Chlordane-1

R.T.: 3.634 min  
Delta R.T.: -0.012 min  
Response: 35224798  
Conc: 457.32 ng/ml



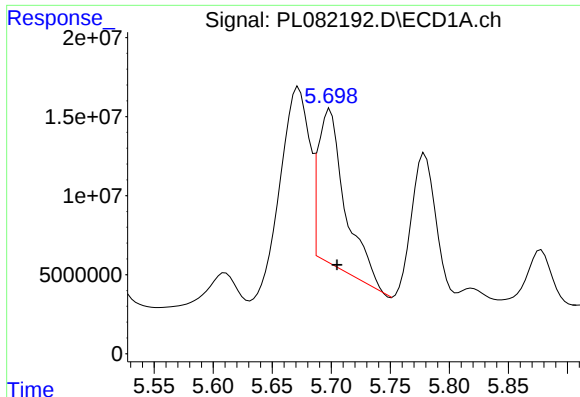
#24 Chlordane-2

R.T.: 5.015 min  
Delta R.T.: 0.015 min  
Response: 40771175  
Conc: 391.74 ng/ml



#24 Chlordane-2

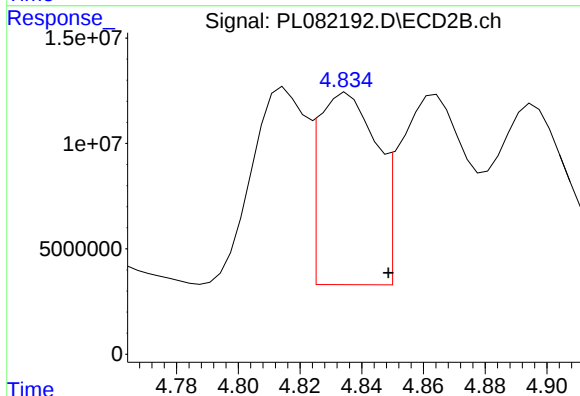
R.T.: 4.210 min  
Delta R.T.: -0.011 min  
Response: 17981748  
Conc: 192.49 ng/ml



#25 Chlordane-3

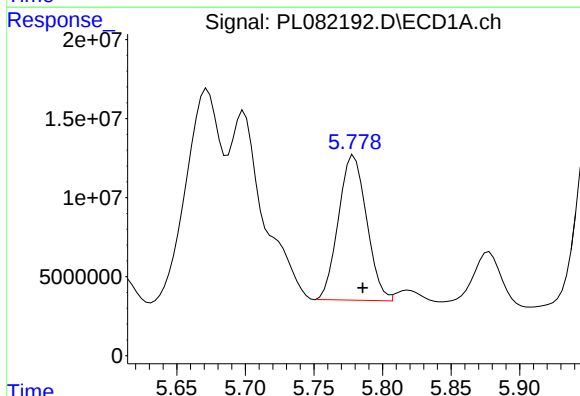
R.T.: 5.699 min  
Delta R.T.: -0.006 min  
Response: 154866149  
Conc: 390.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



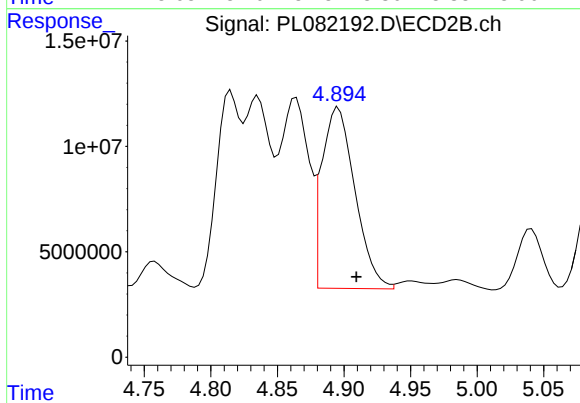
#25 Chlordane-3

R.T.: 4.835 min  
Delta R.T.: -0.013 min  
Response: 118733039  
Conc: 471.40 ng/ml



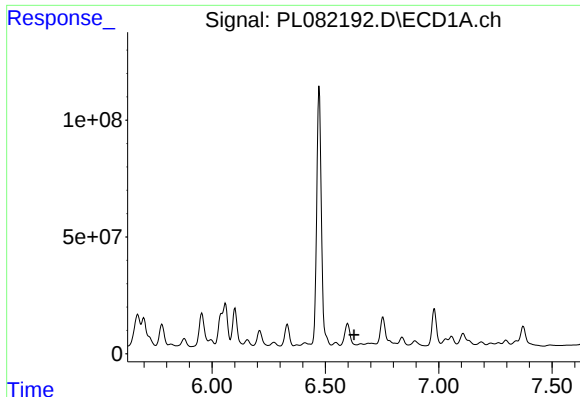
#26 Chlordane-4

R.T.: 5.779 min  
Delta R.T.: -0.006 min  
Response: 130937350  
Conc: 273.61 ng/ml



#26 Chlordane-4

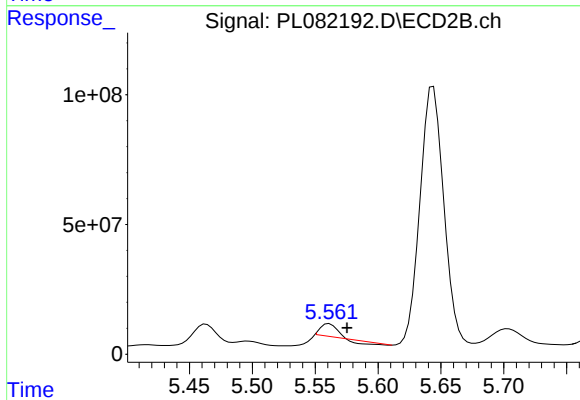
R.T.: 4.896 min  
Delta R.T.: -0.013 min  
Response: 148680849  
Conc: 567.63 ng/ml



#27 Chlordane-5

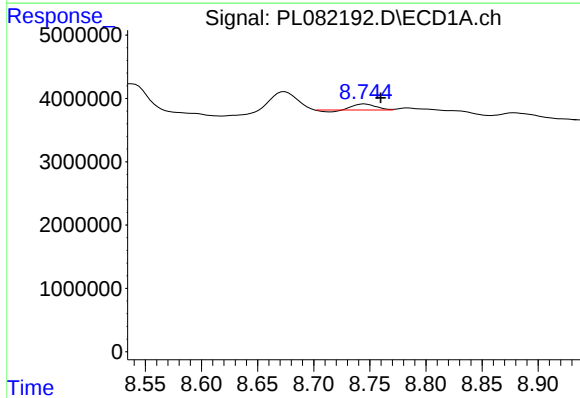
R.T.: 0.000 min  
Exp R.T.: 6.627 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



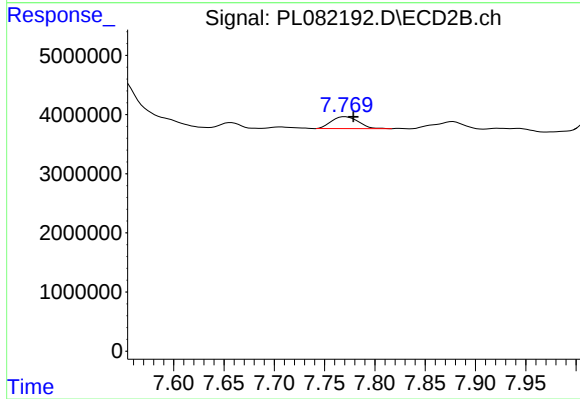
#27 Chlordane-5

R.T.: 5.561 min  
Delta R.T.: -0.014 min  
Response: 30788410  
Conc: 461.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.745 min  
Delta R.T.: -0.014 min  
Response: 1108580  
Conc: 0.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.770 min  
Delta R.T.: -0.008 min  
Response: 3794115  
Conc: 1.91 ng/ml