

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081319\  
 Data File : PL051430.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Aug 2019 20:45  
 Operator : SM\AJ  
 Sample : K4088-01  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CL-01-081219

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 14 00:47:08 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 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... | 3.316  | 3.927  | 109.3E6  | 28600442 | 10.873  | 10.024    |
| 28)                         | SA Decachlor... | 7.977  | 8.957  | 112.8E6  | 31707725 | 11.137  | 11.212    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 0.000  | 4.340f | 0        | 4517695  | N.D.    | 1.095 #   |
| 4)                          | MA Heptachlor   | 4.302  | 5.100  | 27180563 | 6800585  | 1.657   | 1.640     |
| 5)                          | MB Aldrin       | 4.540  | 5.377f | 48820954 | 49337354 | 3.151   | 13.093 #  |
| 6)                          | B beta-BHC      | 4.302f | 4.796f | 27180563 | 5158510  | 4.146   | 2.984 #   |
| 8)                          | B Heptachlo...  | 5.008f | 5.807  | 21597809 | 19376732 | 1.462   | 5.066 #   |
| 10)                         | B gamma-Chl...  | 5.218f | 6.023  | 294.8E6  | 40244611 | 18.677  | 10.891 #  |
| 11)                         | B alpha-Chl...  | 5.254  | 6.096  | 176.6E6  | 103.4E6  | 11.576  | 28.210 #  |
| 12)                         | B 4,4'-DDE      | 5.421  | 6.250  | 14408560 | 12949852 | 0.961   | 3.594 #   |
| 13)                         | MA Dieldrin     | 5.545  | 0.000  | 46572133 | 0        | 3.005   | N.D. #    |
| 14)                         | MA Endrin       | 5.802  | 6.613  | -1699137 | 2603584  | N.D.    | 0.839     |
| 15)                         | B Endosulfa...  | 6.076  | 0.000  | 82036193 | 0        | 5.862   | N.D. #    |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.749  | 0        | 7930427  | N.D.    | 2.978 #   |
| 17)                         | MA 4,4'-DDT     | 6.164  | 7.041  | 48695309 | 2907866  | 3.932   | 1.077 #   |
| 18)                         | B Endrin al...  | 6.255  | 0.000  | 9460577  | 0        | 0.820   | N.D. #    |
| 19)                         | B Endosulfa...  | 6.442  | 0.000  | 6468660  | 0        | 0.508   | N.D. #    |
| 20)                         | A Methoxychlor  | 6.690f | 0.000  | 24388604 | 0        | 3.909   | N.D. #    |
| 23)                         | Chlordane-1     | 4.155  | 4.911  | 58540296 | 13383098 | 159.097 | 123.359   |
| 24)                         | Chlordane-2     | 4.646  | 5.377  | 147.4E6  | 49337354 | 329.388 | 420.062 # |
| 25)                         | Chlordane-3     | 5.218f | 6.023  | 294.8E6  | 40244611 | 210.589 | 83.672 #  |
| 26)                         | Chlordane-4     | 5.254  | 6.096  | 176.6E6  | 103.4E6  | 133.896 | 177.983 # |
| 27)                         | Chlordane-5     | 6.076  | 6.897  | 82036193 | 19178910 | 161.509 | 201.107   |
| -----                       |                 |        |        |          |          |         |           |

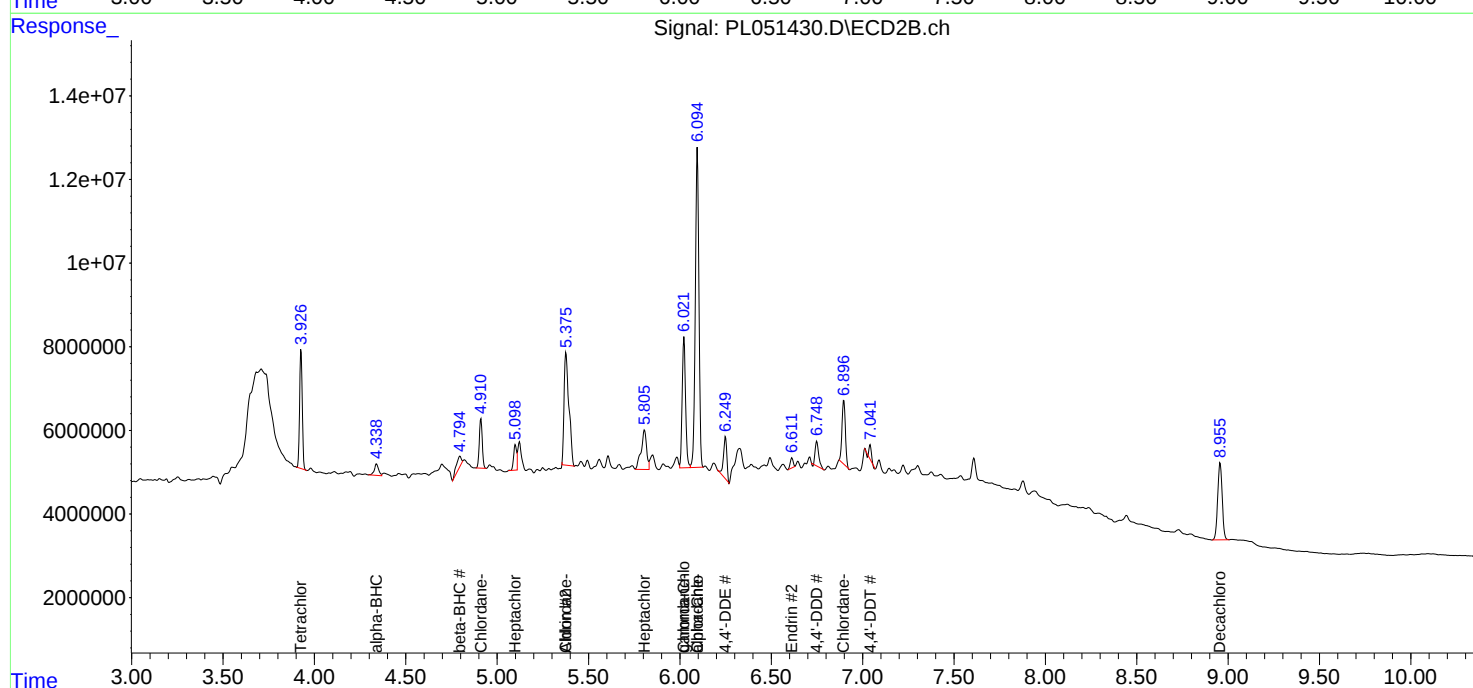
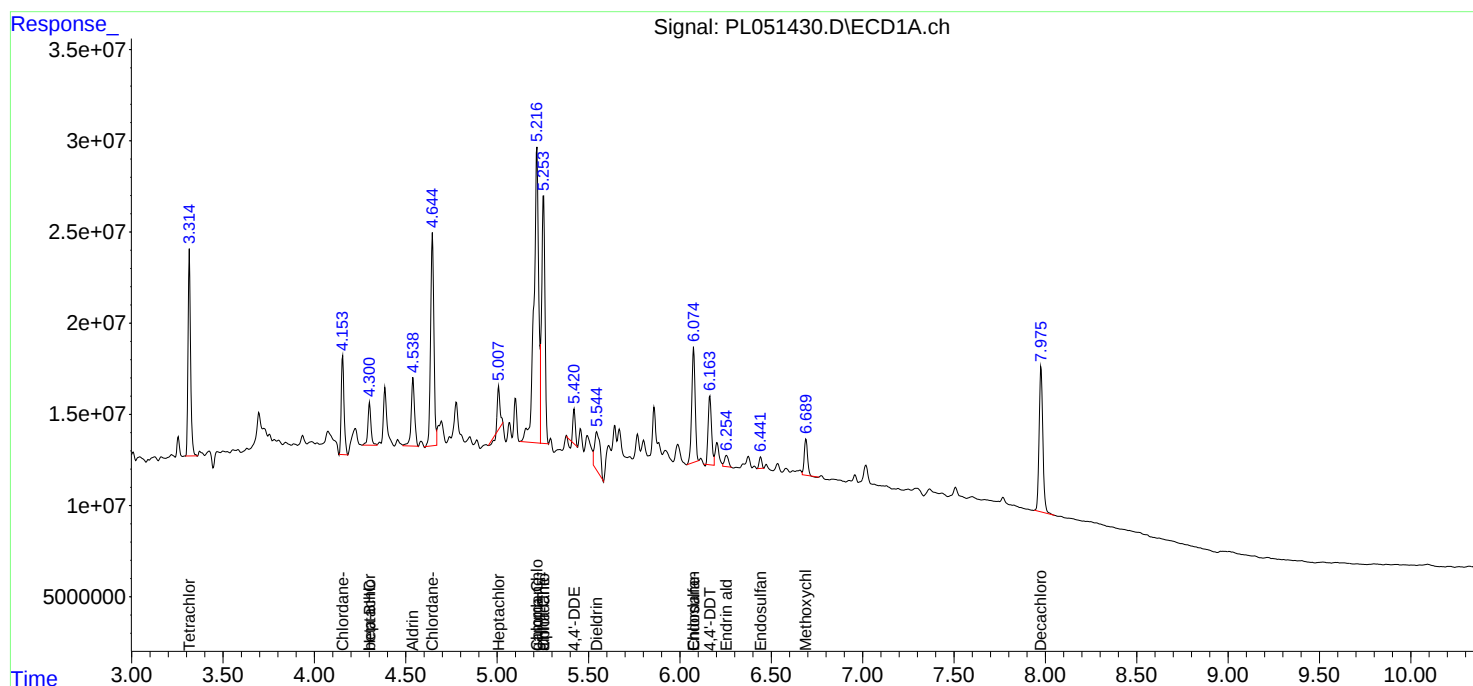
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

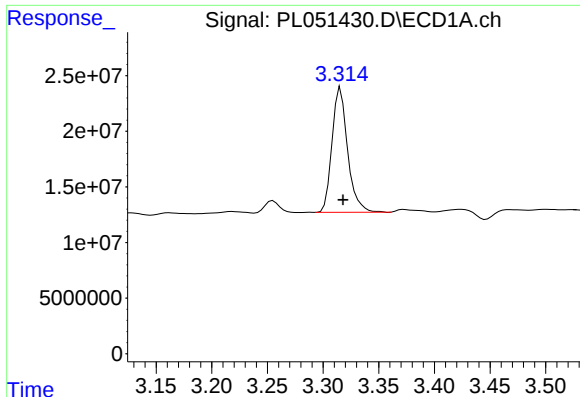
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081319\  
Data File : PL051430.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Aug 2019 20:45  
Operator : SM\AJ  
Sample : K4088-01  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-081219

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 14 00:47:08 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 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

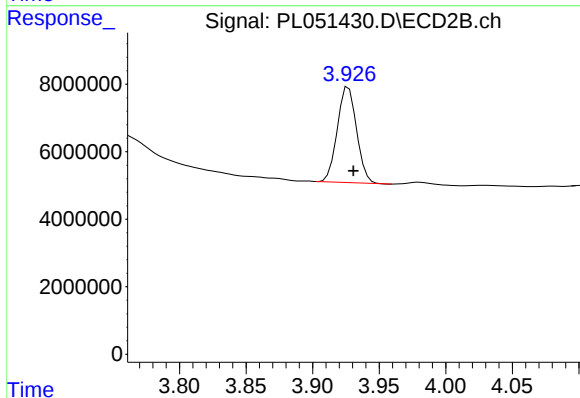




#1 Tetrachloro-m-xylene

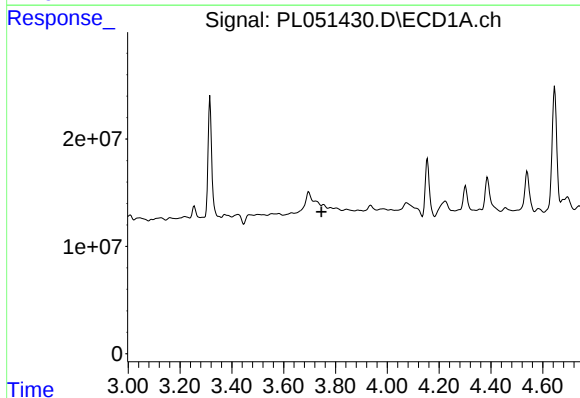
R.T.: 3.316 min  
Delta R.T.: -0.002 min  
Response: 109254835  
Conc: 10.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-081219



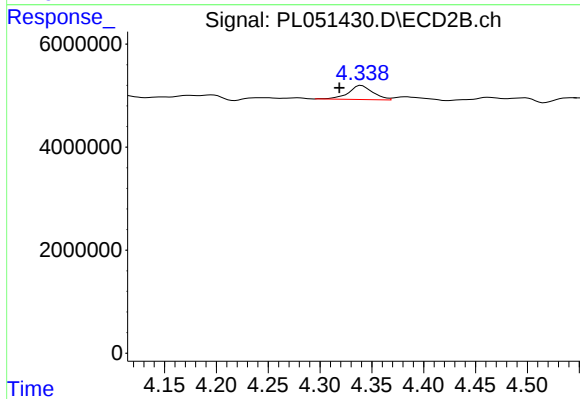
#1 Tetrachloro-m-xylene

R.T.: 3.927 min  
Delta R.T.: -0.004 min  
Response: 28600442  
Conc: 10.02 ng/ml



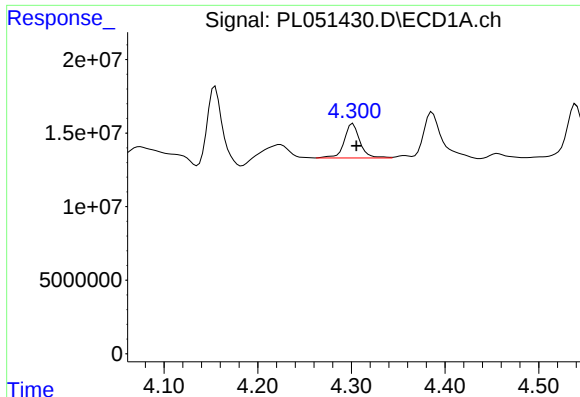
#2 alpha-BHC

R.T.: 0.000 min  
Exp R.T. : 3.746 min  
Response: 0  
Conc: N.D.



#2 alpha-BHC

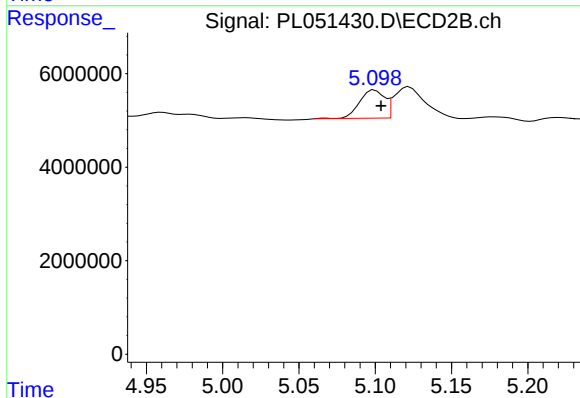
R.T.: 4.340 min  
Delta R.T.: 0.021 min  
Response: 4517695  
Conc: 1.09 ng/ml



#4 Heptachlor

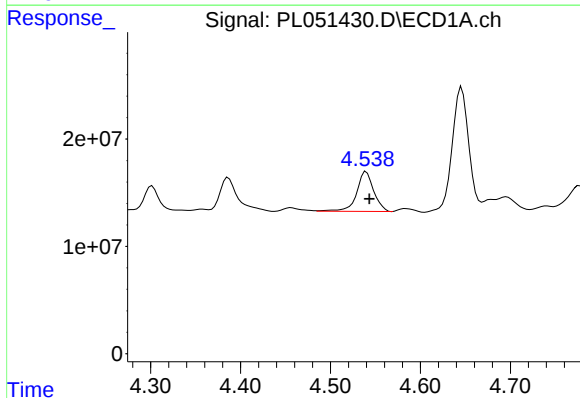
R.T.: 4.302 min  
Delta R.T.: -0.003 min  
Response: 27180563  
Conc: 1.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-081219



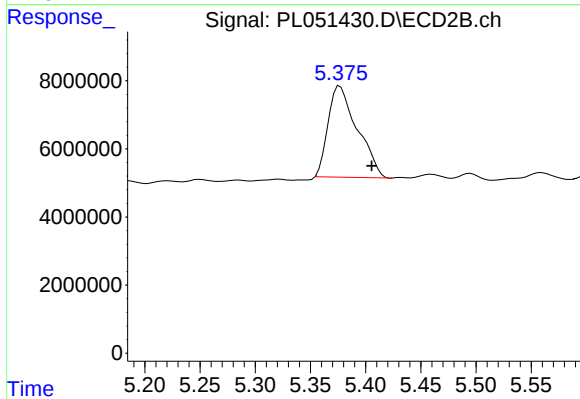
#4 Heptachlor

R.T.: 5.100 min  
Delta R.T.: -0.004 min  
Response: 6800585  
Conc: 1.64 ng/ml



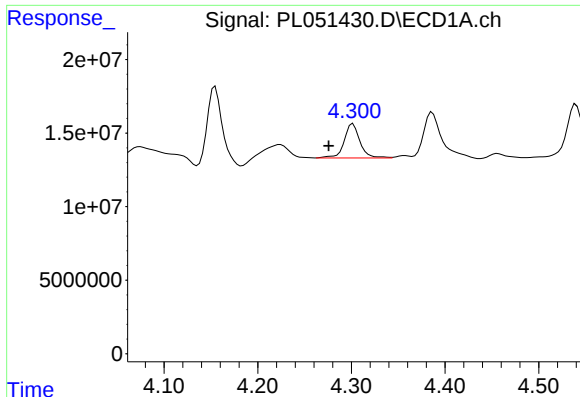
#5 Aldrin

R.T.: 4.540 min  
Delta R.T.: -0.003 min  
Response: 48820954  
Conc: 3.15 ng/ml



#5 Aldrin

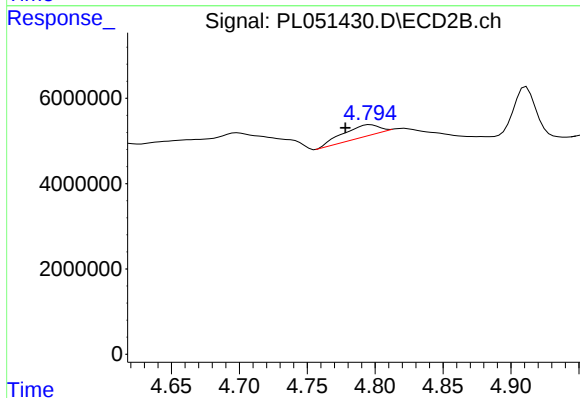
R.T.: 5.377 min  
Delta R.T.: -0.029 min  
Response: 49337354  
Conc: 13.09 ng/ml



#6 beta-BHC

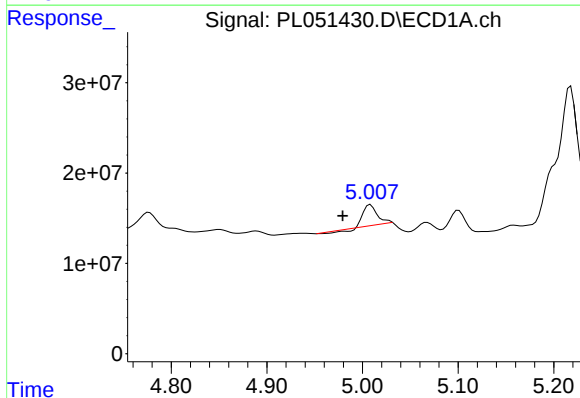
R.T.: 4.302 min  
Delta R.T.: 0.026 min  
Response: 27180563  
Conc: 4.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-081219



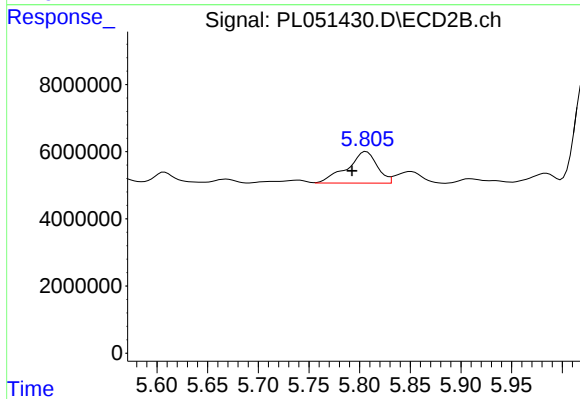
#6 beta-BHC

R.T.: 4.796 min  
Delta R.T.: 0.018 min  
Response: 5158510  
Conc: 2.98 ng/ml



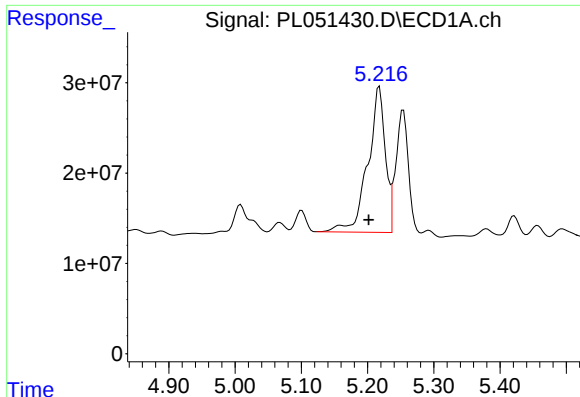
#8 Heptachlor epoxide

R.T.: 5.008 min  
Delta R.T.: 0.029 min  
Response: 21597809  
Conc: 1.46 ng/ml



#8 Heptachlor epoxide

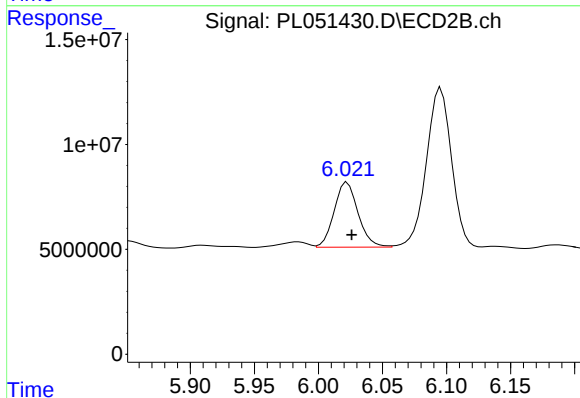
R.T.: 5.807 min  
Delta R.T.: 0.014 min  
Response: 19376732  
Conc: 5.07 ng/ml



#10 gamma-Chlordane

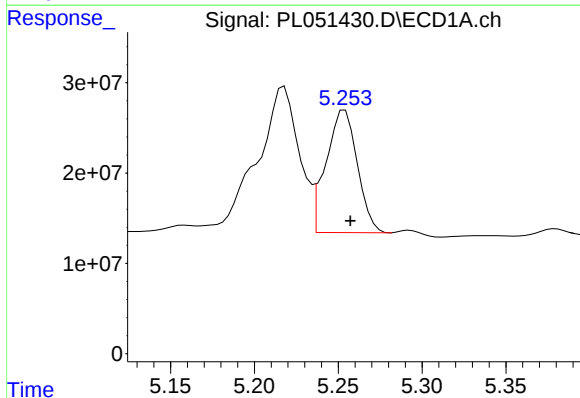
R.T.: 5.218 min  
Delta R.T.: 0.016 min  
Response: 294780091  
Conc: 18.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-081219



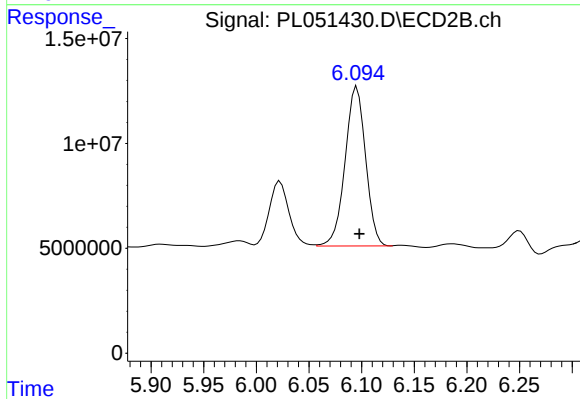
#10 gamma-Chlordane

R.T.: 6.023 min  
Delta R.T.: -0.003 min  
Response: 40244611  
Conc: 10.89 ng/ml



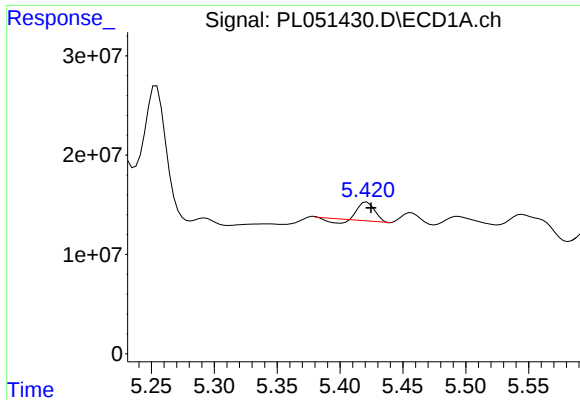
#11 alpha-Chlordane

R.T.: 5.254 min  
Delta R.T.: -0.003 min  
Response: 176606242  
Conc: 11.58 ng/ml



#11 alpha-Chlordane

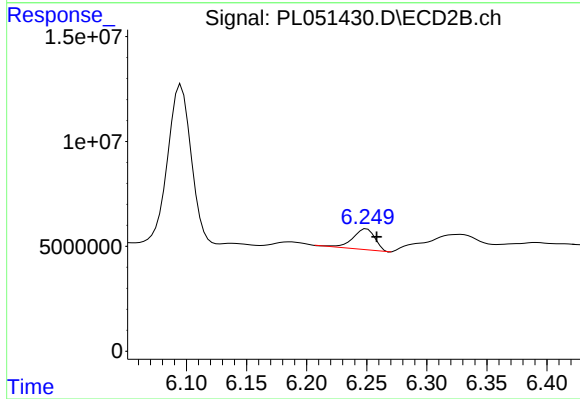
R.T.: 6.096 min  
Delta R.T.: -0.002 min  
Response: 103393405  
Conc: 28.21 ng/ml



#12 4,4'-DDE

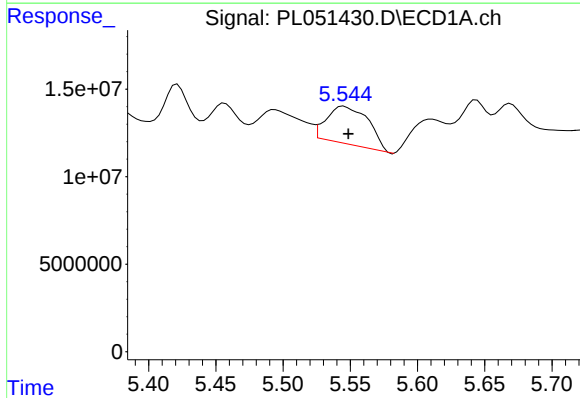
R.T.: 5.421 min  
Delta R.T.: -0.003 min  
Response: 14408560  
Conc: 0.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-081219



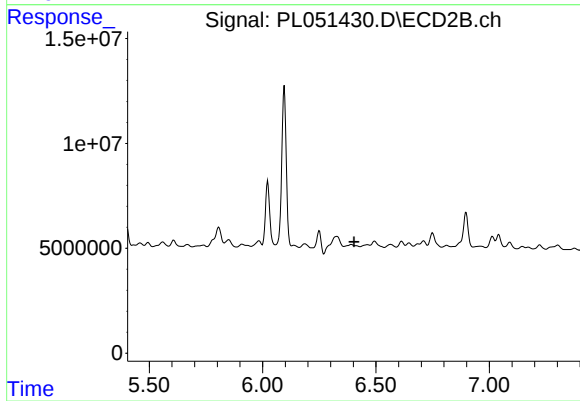
#12 4,4'-DDE

R.T.: 6.250 min  
Delta R.T.: -0.008 min  
Response: 12949852  
Conc: 3.59 ng/ml



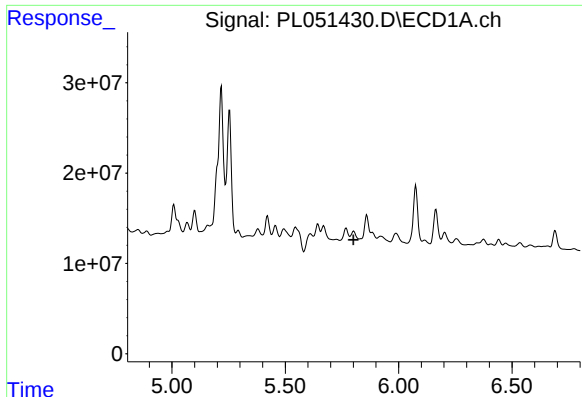
#13 Dieldrin

R.T.: 5.545 min  
Delta R.T.: -0.003 min  
Response: 46572133  
Conc: 3.01 ng/ml



#13 Dieldrin

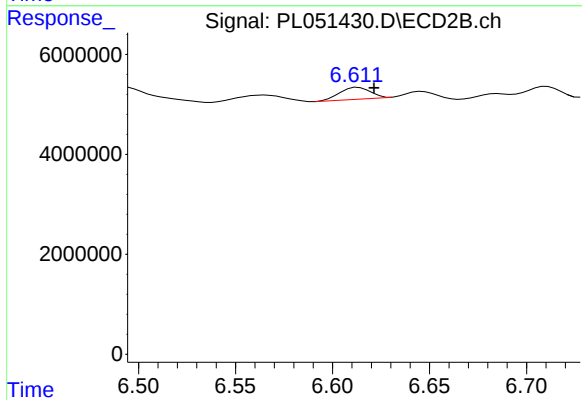
R.T.: 0.000 min  
Exp R.T.: 6.404 min  
Response: 0  
Conc: N.D.



#14 Endrin

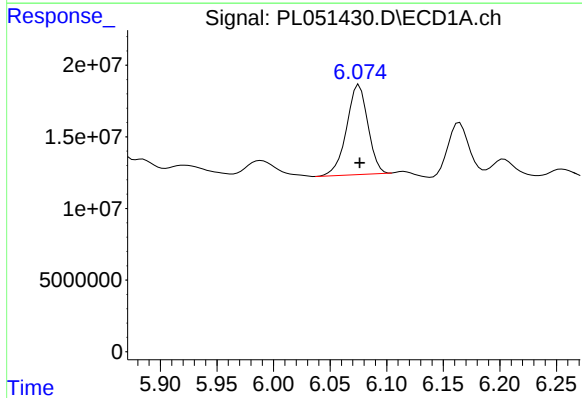
R.T.: 5.802 min  
Delta R.T.: 0.000 min  
Response: -1699137  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-081219



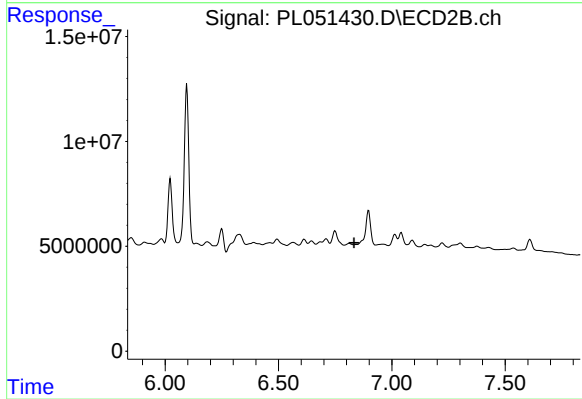
#14 Endrin

R.T.: 6.613 min  
Delta R.T.: -0.008 min  
Response: 2603584  
Conc: 0.84 ng/ml



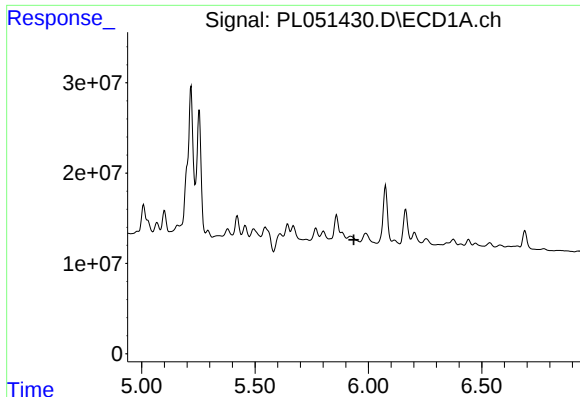
#15 Endosulfan II

R.T.: 6.076 min  
Delta R.T.: 0.000 min  
Response: 82036193  
Conc: 5.86 ng/ml



#15 Endosulfan II

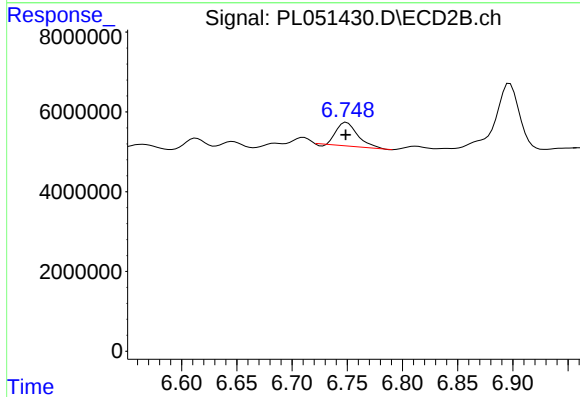
R.T.: 0.000 min  
Exp R.T.: 6.833 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

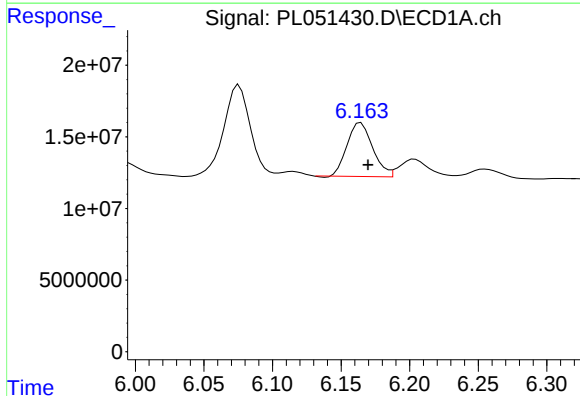
R.T.: 0.000 min  
Exp R.T.: 5.935 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-081219



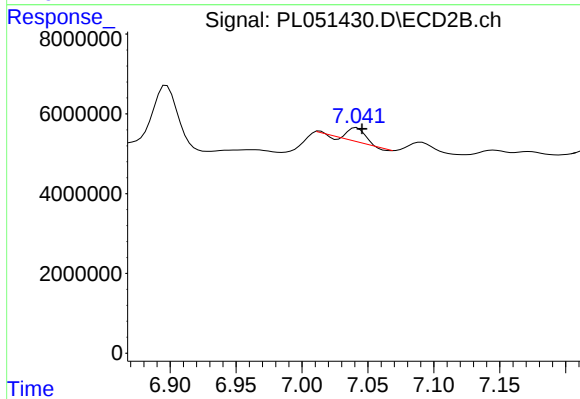
#16 4,4'-DDD

R.T.: 6.749 min  
Delta R.T.: 0.000 min  
Response: 7930427  
Conc: 2.98 ng/ml



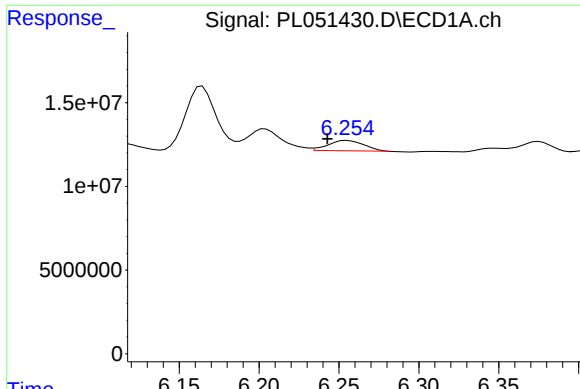
#17 4,4'-DDT

R.T.: 6.164 min  
Delta R.T.: -0.005 min  
Response: 48695309  
Conc: 3.93 ng/ml



#17 4,4'-DDT

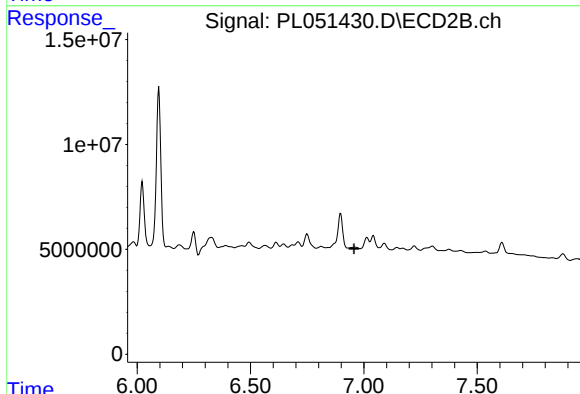
R.T.: 7.041 min  
Delta R.T.: -0.004 min  
Response: 2907866  
Conc: 1.08 ng/ml



#18 Endrin aldehyde

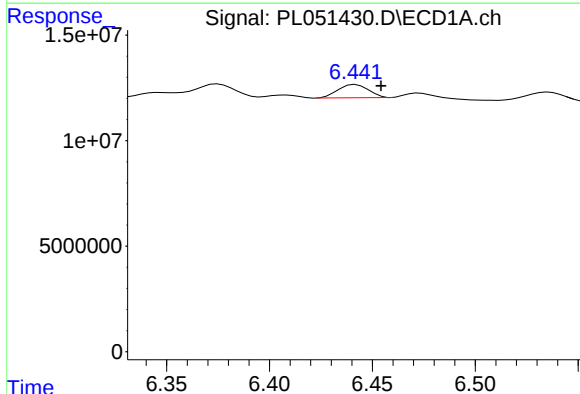
R.T.: 6.255 min  
Delta R.T.: 0.012 min  
Response: 9460577  
Conc: 0.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-081219



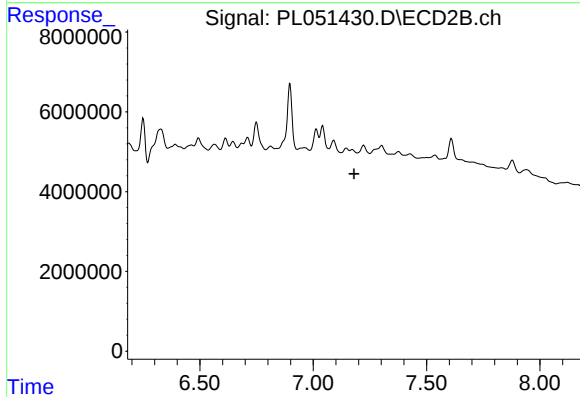
#18 Endrin aldehyde

R.T.: 0.000 min  
Exp R.T. : 6.957 min  
Response: 0  
Conc: N.D.



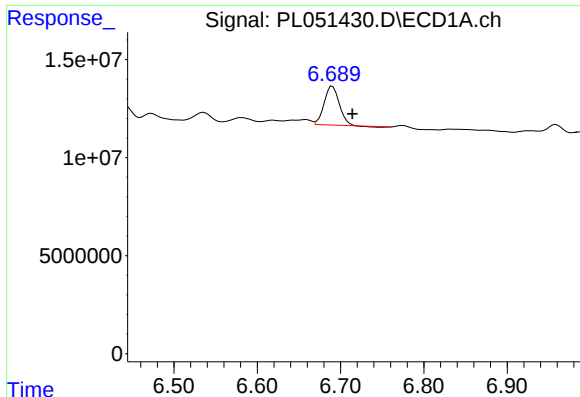
#19 Endosulfan Sulfate

R.T.: 6.442 min  
Delta R.T.: -0.012 min  
Response: 6468660  
Conc: 0.51 ng/ml



#19 Endosulfan Sulfate

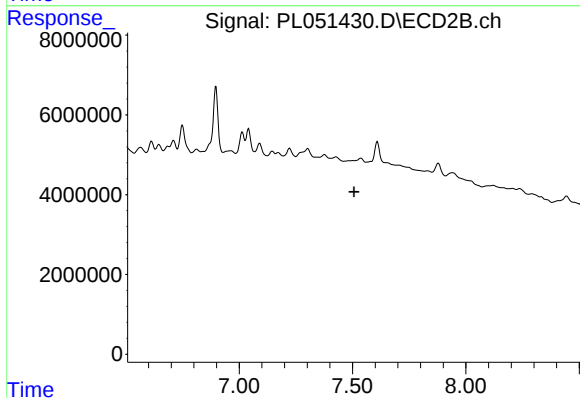
R.T.: 0.000 min  
Exp R.T. : 7.180 min  
Response: 0  
Conc: N.D.



#20 Methoxychlor

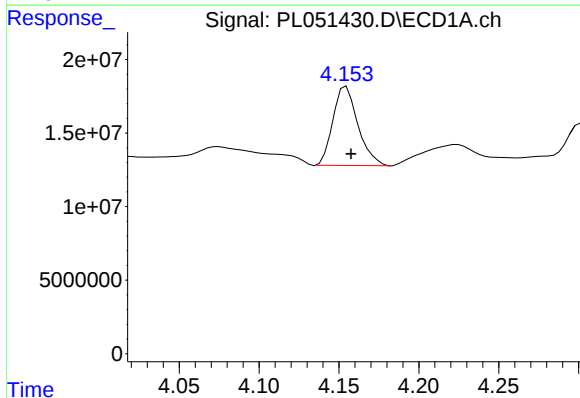
R.T.: 6.690 min  
Delta R.T.: -0.024 min  
Response: 24388604  
Conc: 3.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-081219



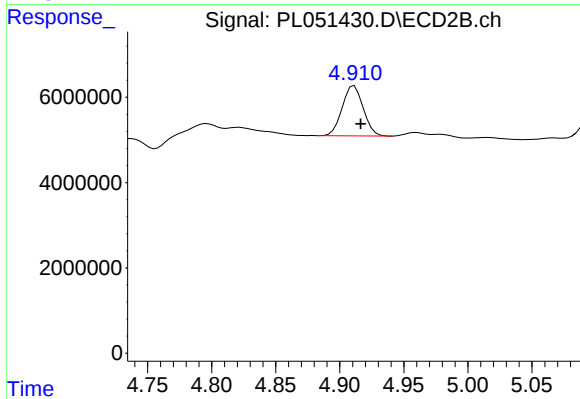
#20 Methoxychlor

R.T.: 0.000 min  
Exp R.T. : 7.507 min  
Response: 0  
Conc: N.D.



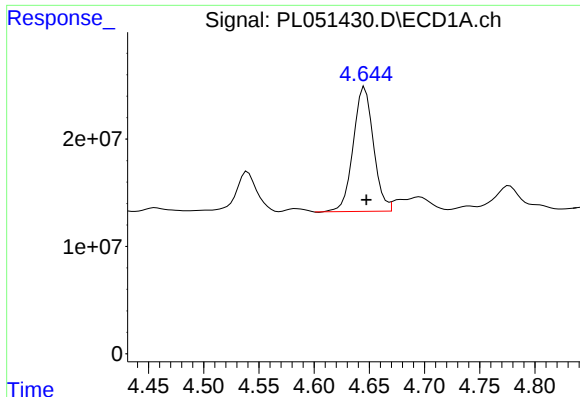
#23 Chlordane-1

R.T.: 4.155 min  
Delta R.T.: -0.003 min  
Response: 58540296  
Conc: 159.10 ng/ml



#23 Chlordane-1

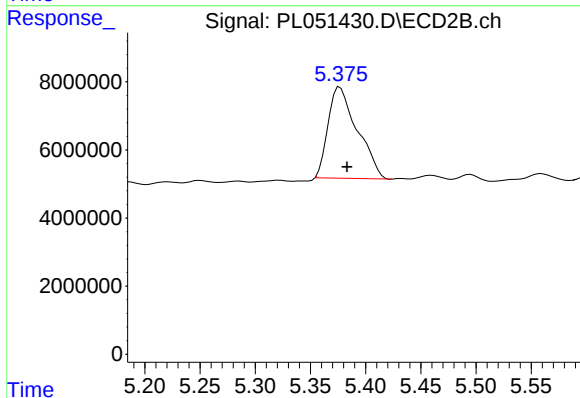
R.T.: 4.911 min  
Delta R.T.: -0.005 min  
Response: 13383098  
Conc: 123.36 ng/ml



#24 Chlordane-2

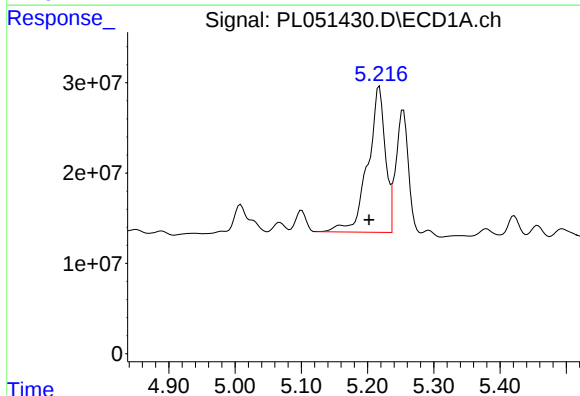
R.T.: 4.646 min  
Delta R.T.: -0.002 min  
Response: 147435865  
Conc: 329.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-081219



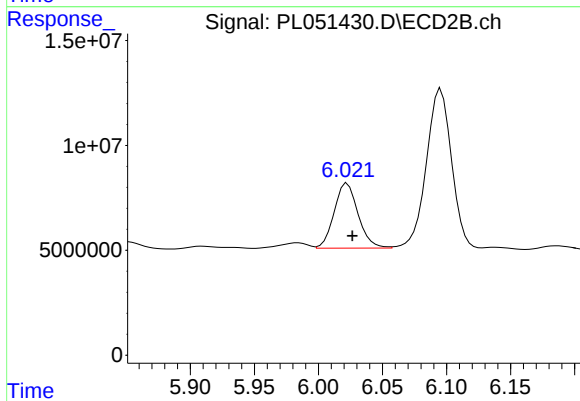
#24 Chlordane-2

R.T.: 5.377 min  
Delta R.T.: -0.006 min  
Response: 49337354  
Conc: 420.06 ng/ml



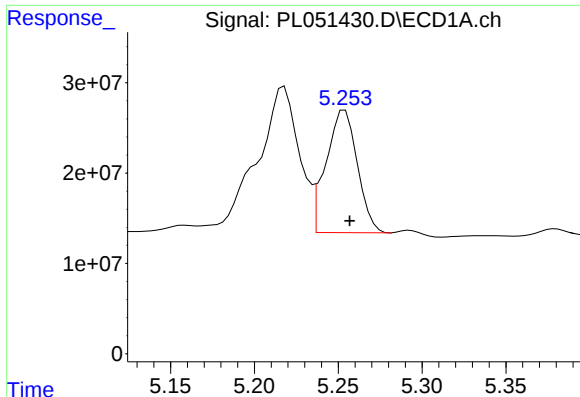
#25 Chlordane-3

R.T.: 5.218 min  
Delta R.T.: 0.015 min  
Response: 294780091  
Conc: 210.59 ng/ml



#25 Chlordane-3

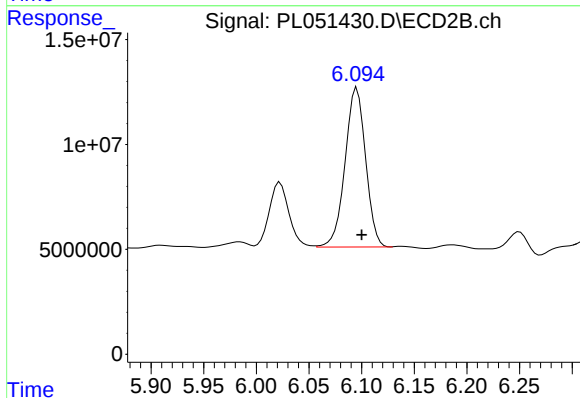
R.T.: 6.023 min  
Delta R.T.: -0.004 min  
Response: 40244611  
Conc: 83.67 ng/ml



#26 Chlordane-4

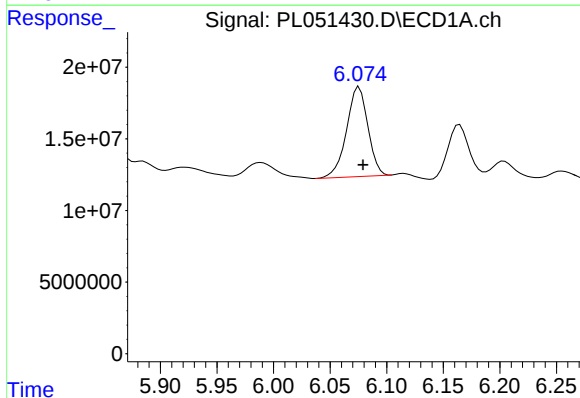
R.T.: 5.254 min  
Delta R.T.: -0.003 min  
Response: 176606242  
Conc: 133.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-081219



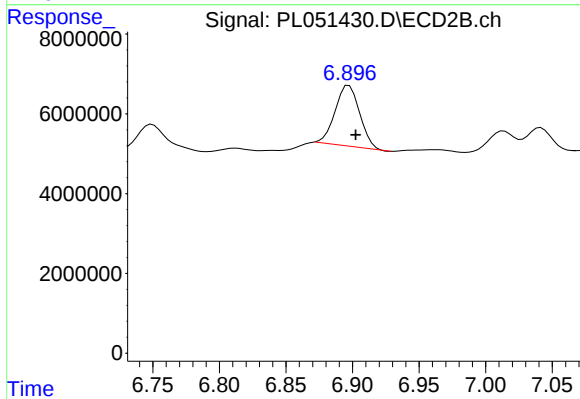
#26 Chlordane-4

R.T.: 6.096 min  
Delta R.T.: -0.005 min  
Response: 103393405  
Conc: 177.98 ng/ml



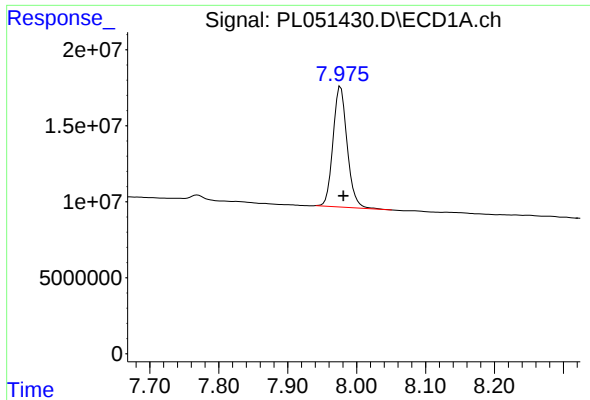
#27 Chlordane-5

R.T.: 6.076 min  
Delta R.T.: -0.003 min  
Response: 82036193  
Conc: 161.51 ng/ml



#27 Chlordane-5

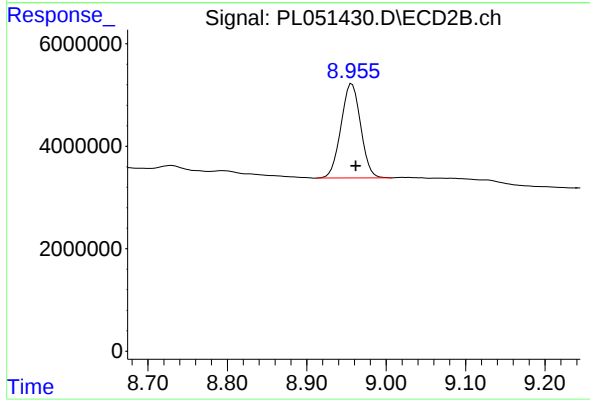
R.T.: 6.897 min  
Delta R.T.: -0.005 min  
Response: 19178910  
Conc: 201.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.977 min  
Delta R.T.: -0.004 min  
Response: 112764499  
Conc: 11.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CL-01-081219



#28 Decachlorobiphenyl

R.T.: 8.957 min  
Delta R.T.: -0.005 min  
Response: 31707725  
Conc: 11.21 ng/ml