

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082323\  
 Data File : PL084956.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Aug 2023 21:45  
 Operator : AR\AJ  
 Sample : 04105-20  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 23 22:38:02 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081523CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 15 05:52:51 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 x 0.50µm

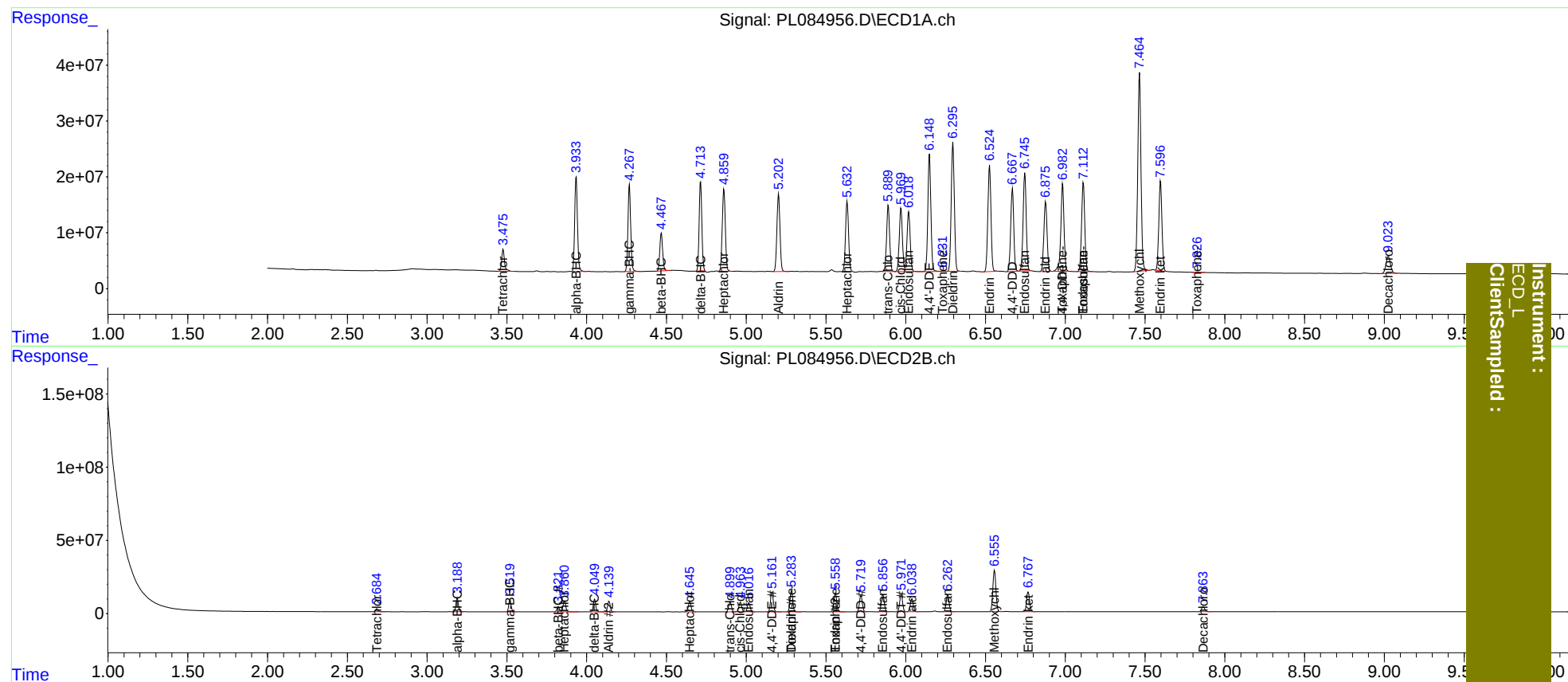
|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml       |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|-------------|
| -----                       |                 |        |        |          |          |          |             |
| System Monitoring Compounds |                 |        |        |          |          |          |             |
| 1)                          | SA Tetrachlo... | 3.477  | 2.685  | 49799667 | 22490214 | 19.865   | 19.051      |
| 27)                         | SA Decachlor... | 9.025  | 7.865  | 59348981 | 47847885 | 34.631   | 35.328      |
| Target Compounds            |                 |        |        |          |          |          |             |
| 2)                          | A alpha-BHC     | 3.935  | 3.189  | 203.5E6  | 99045516 | 56.273   | 58.391      |
| 3)                          | MA gamma-BHC... | 4.268  | 3.520  | 188.8E6  | 90743758 | 54.519   | 55.960      |
| 4)                          | MA Heptachlor   | 4.861  | 3.861  | 194.2E6  | 88285598 | 50.155   | 54.488      |
| 5)                          | MB Aldrin       | 5.203  | 4.141  | 183.4E6  | 85927112 | 50.764   | 54.780      |
| 6)                          | B beta-BHC      | 4.468  | 3.822  | 82895535 | 40228976 | 46.939   | 48.970      |
| 7)                          | B delta-BHC     | 4.715  | 4.050  | 188.2E6  | 94291581 | 51.576   | 54.360      |
| 8)                          | B Heptachlo...  | 5.633  | 4.647  | 165.7E6  | 80234084 | 49.646   | 53.054      |
| 9)                          | A Endosulfan I  | 6.019  | 5.017  | 148.8E6  | 73851557 | 52.218   | 54.774      |
| 10)                         | B trans-Chl...  | 5.890  | 4.900  | 159.9E6  | 82087794 | 50.695   | 54.481      |
| 11)                         | B cis-Chlor...  | 5.970  | 4.964  | 157.7E6  | 80600612 | 49.475   | 52.103      |
| 12)                         | B 4,4'-DDE      | 6.149  | 5.162  | 279.7E6  | 163.2E6  | 105.729  | 111.408     |
| 13)                         | MA Dieldrin     | 6.296  | 5.284  | 308.8E6  | 176.3E6  | 107.986  | 113.758     |
| 14)                         | MA Endrin       | 6.526  | 5.560  | 255.6E6  | 160.4E6  | 112.204  | 116.497     |
| 15)                         | B Endosulfa...  | 6.747  | 5.857  | 235.7E6  | 150.3E6  | 100.224  | 108.230     |
| 16)                         | A 4,4'-DDD      | 6.669  | 5.720  | 198.6E6  | 136.4E6  | 104.962  | 114.109     |
| 17)                         | MA 4,4'-DDT     | 6.984  | 5.972  | 223.5E6  | 152.5E6  | 115.929  | 117.645     |
| 18)                         | B Endrin al...  | 6.877  | 6.039  | 175.3E6  | 114.3E6  | 94.205   | 100.533     |
| 19)                         | B Endosulfa...  | 7.114  | 6.263  | 220.7E6  | 146.4E6  | 99.795   | 107.150     |
| 20)                         | A Methoxychlor  | 7.466  | 6.557  | 503.3E6  | 379.0E6  | 518.708  | 535.499     |
| 21)                         | B Endrin ke...  | 7.597  | 6.768  | 221.6E6  | 175.9E6  | 100.946  | 109.036     |
| 22)                         | Toxaphene-1     | 6.232f | 5.284  | 242918   | 176.3E6  | 11.813   | 23209.709 # |
| 23)                         | Toxaphene-2     | 6.984  | 5.560f | 223.5E6  | 160.4E6  | 3362.571 | 17964.489 # |
| 24)                         | Toxaphene-3     | 7.114  | 0.000  | 220.7E6  | 0        | 4654.458 | N.D. #      |
| 26)                         | Toxaphene-5     | 7.827f | 0.000  | 640347   | 0        | 19.478   | N.D. #      |
| -----                       |                 |        |        |          |          |          |             |

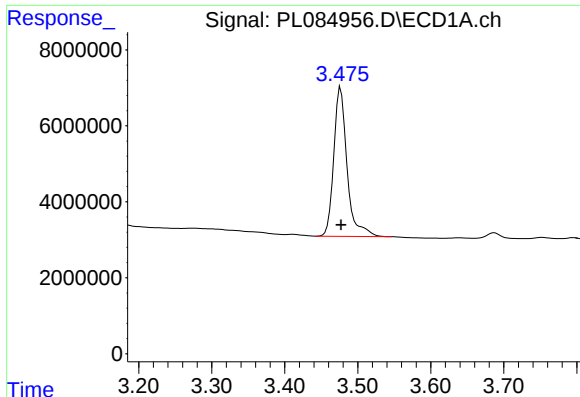
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082323\  
Data File : PL084956.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Aug 2023 21:45  
Operator : AR\AJ  
Sample : 04105-20  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 23 22:38:02 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081523CLP.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 15 05:52:51 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 x 0.50µm

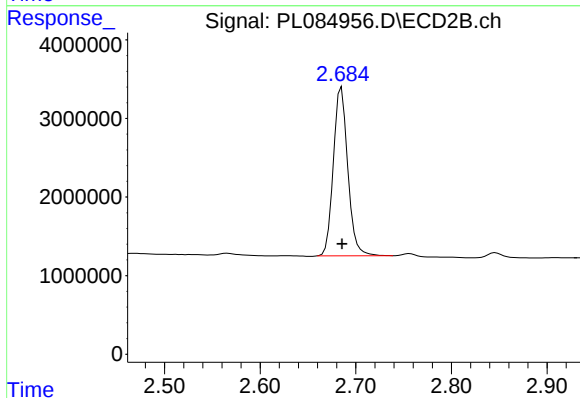




#1 Tetrachloro-m-xylene

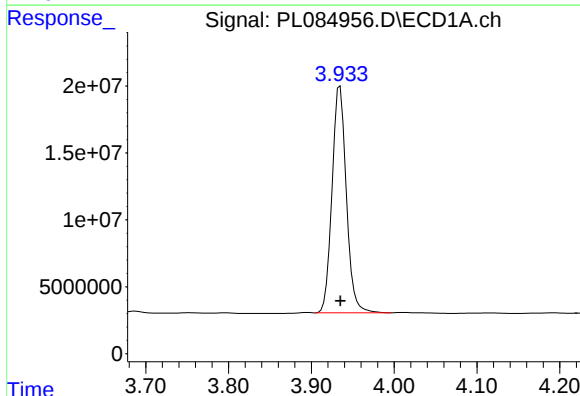
R.T.: 3.477 min  
Delta R.T.: 0.000 min  
Response: 49799667  
Conc: 19.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



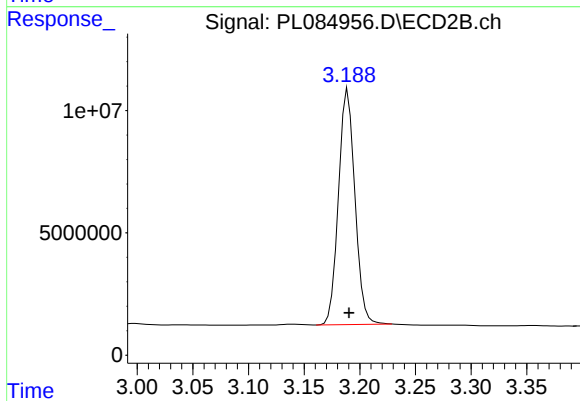
#1 Tetrachloro-m-xylene

R.T.: 2.685 min  
Delta R.T.: 0.000 min  
Response: 22490214  
Conc: 19.05 ng/ml



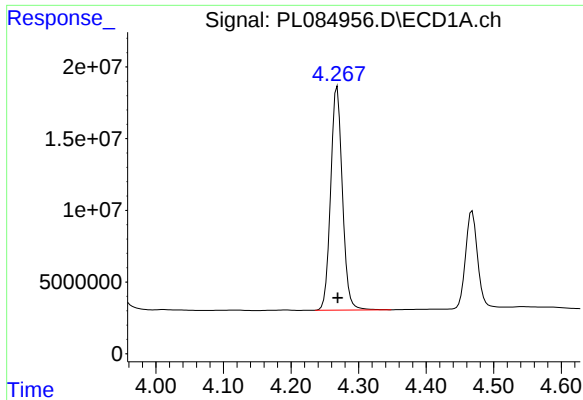
#2 alpha-BHC

R.T.: 3.935 min  
Delta R.T.: 0.000 min  
Response: 203470065  
Conc: 56.27 ng/ml



#2 alpha-BHC

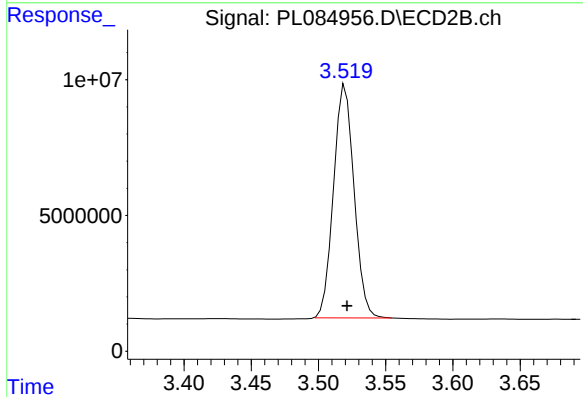
R.T.: 3.189 min  
Delta R.T.: -0.001 min  
Response: 99045516  
Conc: 58.39 ng/ml



#3 gamma-BHC (Lindane)

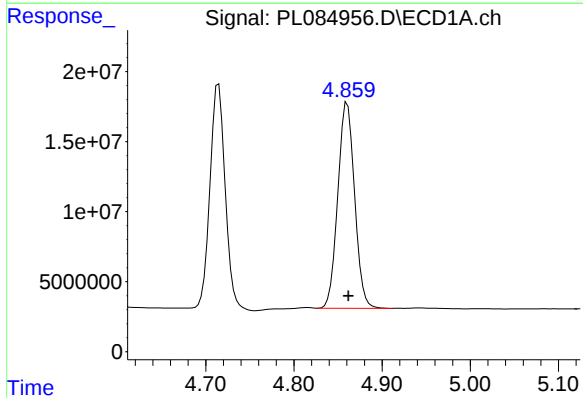
R.T.: 4.268 min  
Delta R.T.: 0.000 min  
Response: 188770143  
Conc: 54.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



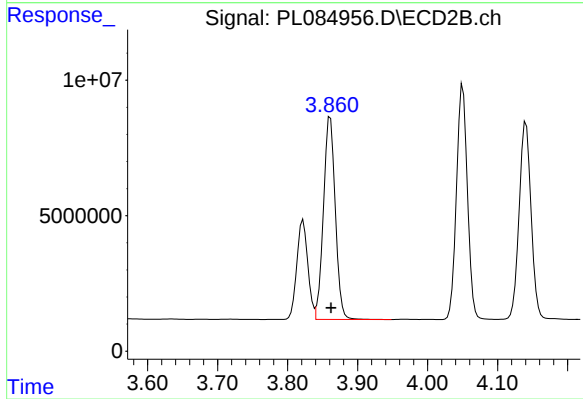
#3 gamma-BHC (Lindane)

R.T.: 3.520 min  
Delta R.T.: -0.001 min  
Response: 90743758  
Conc: 55.96 ng/ml



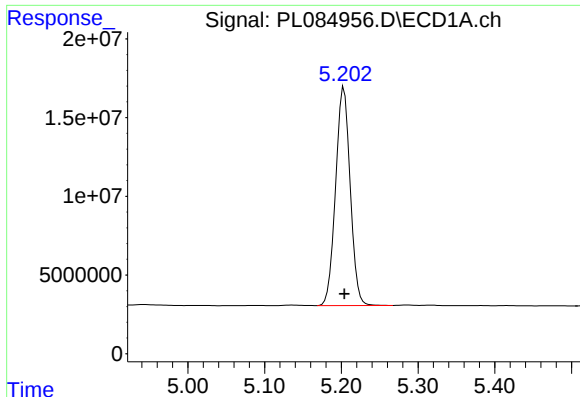
#4 Heptachlor

R.T.: 4.861 min  
Delta R.T.: -0.001 min  
Response: 194228581  
Conc: 50.15 ng/ml



#4 Heptachlor

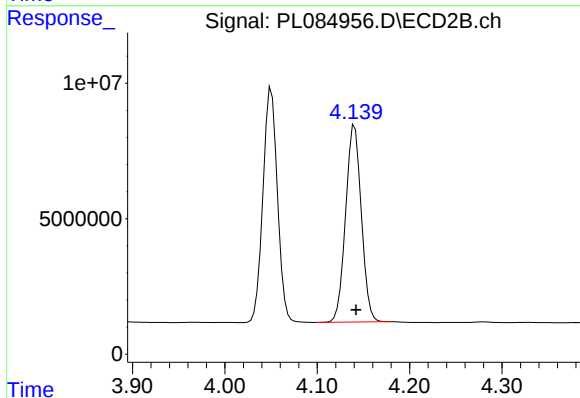
R.T.: 3.861 min  
Delta R.T.: -0.001 min  
Response: 88285598  
Conc: 54.49 ng/ml



#5 Aldrin

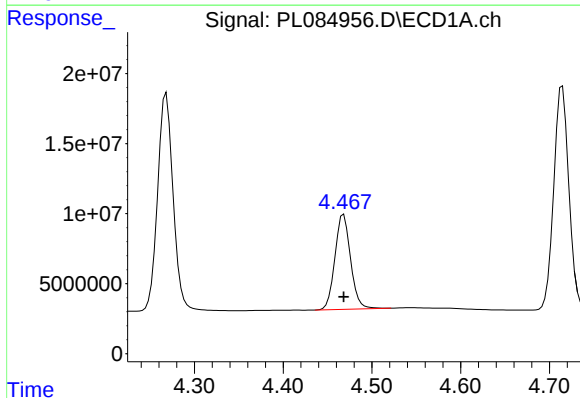
R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 183423401  
Conc: 50.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



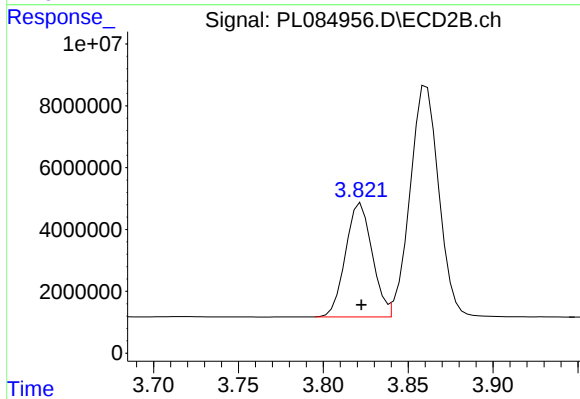
#5 Aldrin

R.T.: 4.141 min  
Delta R.T.: -0.001 min  
Response: 85927112  
Conc: 54.78 ng/ml



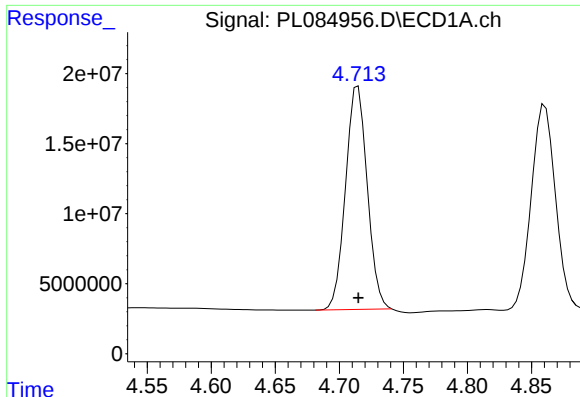
#6 beta-BHC

R.T.: 4.468 min  
Delta R.T.: 0.000 min  
Response: 82895535  
Conc: 46.94 ng/ml



#6 beta-BHC

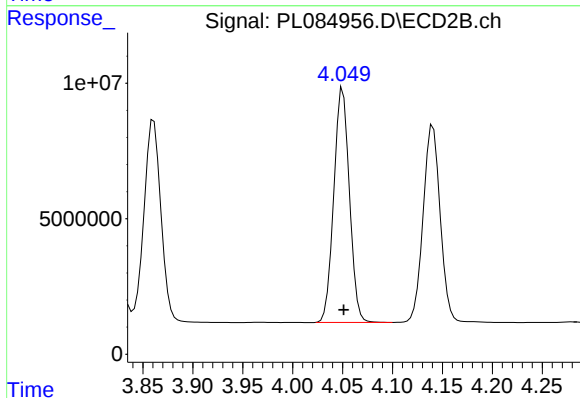
R.T.: 3.822 min  
Delta R.T.: 0.000 min  
Response: 40228976  
Conc: 48.97 ng/ml



#7 delta-BHC

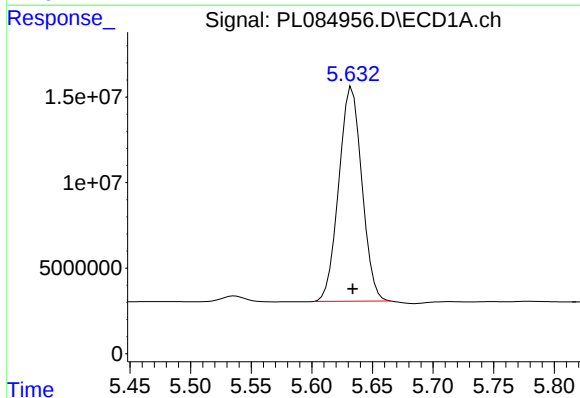
R.T.: 4.715 min  
Delta R.T.: 0.000 min  
Response: 188201956  
Conc: 51.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



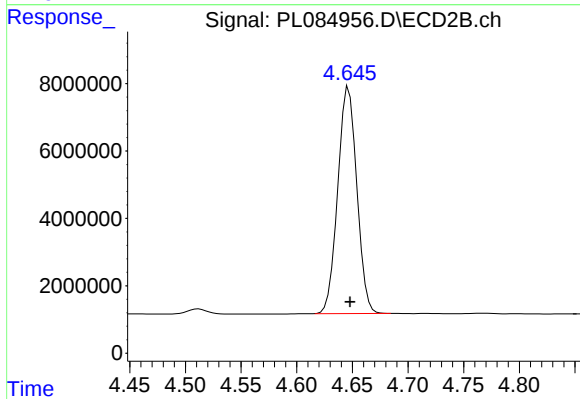
#7 delta-BHC

R.T.: 4.050 min  
Delta R.T.: 0.000 min  
Response: 94291581  
Conc: 54.36 ng/ml



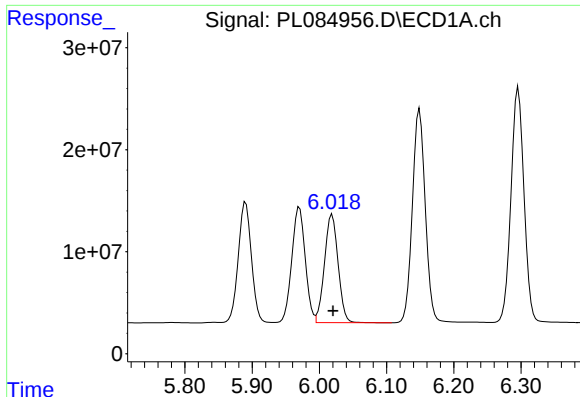
#8 Heptachlor epoxide

R.T.: 5.633 min  
Delta R.T.: 0.000 min  
Response: 165723580  
Conc: 49.65 ng/ml



#8 Heptachlor epoxide

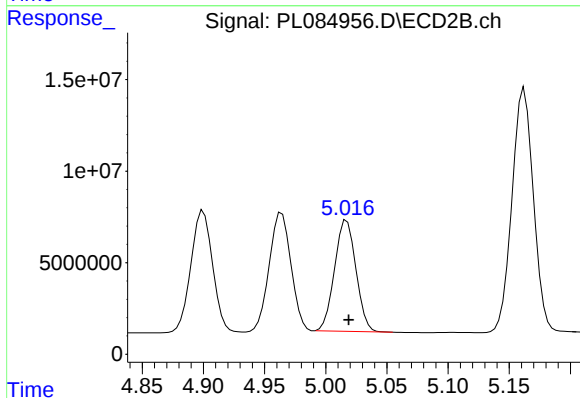
R.T.: 4.647 min  
Delta R.T.: -0.001 min  
Response: 80234084  
Conc: 53.05 ng/ml



#9 Endosulfan I

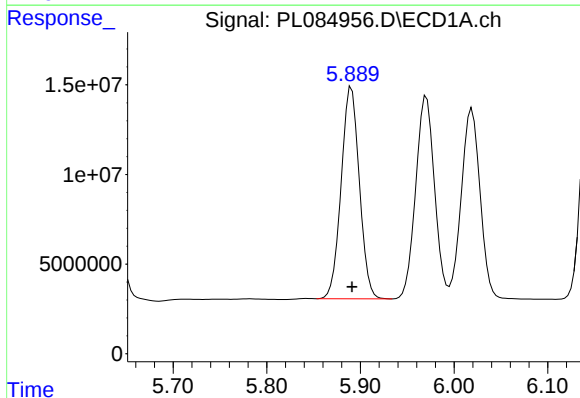
R.T.: 6.019 min  
Delta R.T.: -0.001 min  
Response: 148799157  
Conc: 52.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



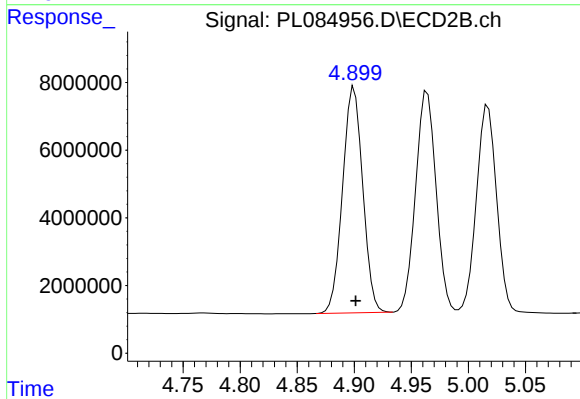
#9 Endosulfan I

R.T.: 5.017 min  
Delta R.T.: -0.002 min  
Response: 73851557  
Conc: 54.77 ng/ml



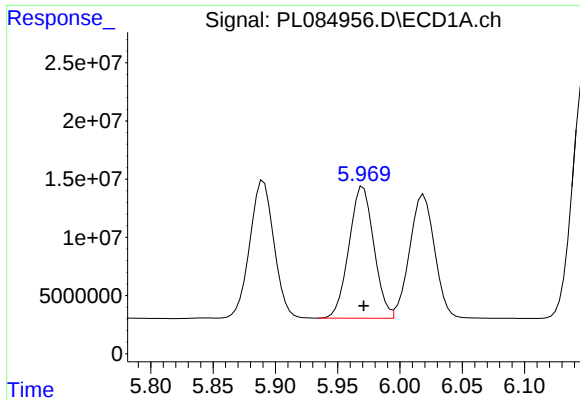
#10 trans-Chlordane

R.T.: 5.890 min  
Delta R.T.: 0.000 min  
Response: 159897192  
Conc: 50.69 ng/ml



#10 trans-Chlordane

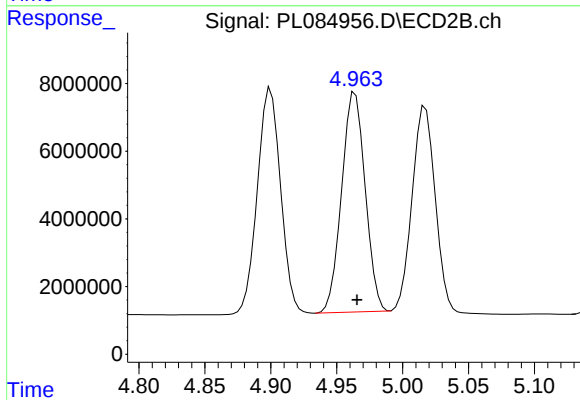
R.T.: 4.900 min  
Delta R.T.: -0.001 min  
Response: 82087794  
Conc: 54.48 ng/ml



#11 cis-Chlordane

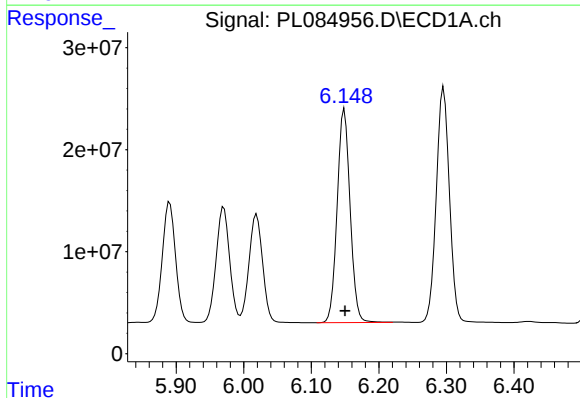
R.T.: 5.970 min  
Delta R.T.: 0.000 min  
Response: 157674538  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



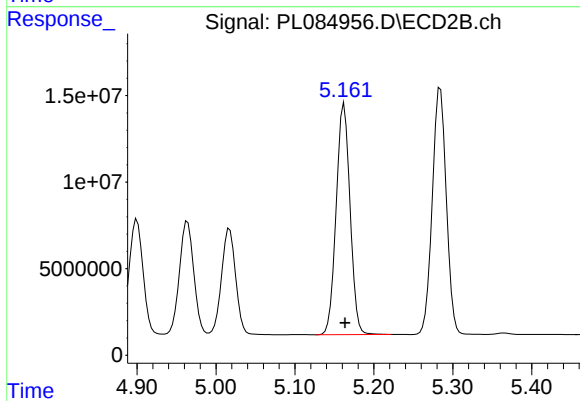
#11 cis-Chlordane

R.T.: 4.964 min  
Delta R.T.: -0.001 min  
Response: 80600612  
Conc: 52.10 ng/ml



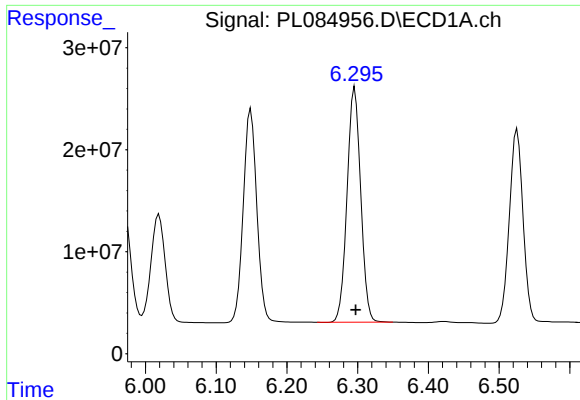
#12 4,4'-DDE

R.T.: 6.149 min  
Delta R.T.: 0.000 min  
Response: 279719465  
Conc: 105.73 ng/ml



#12 4,4'-DDE

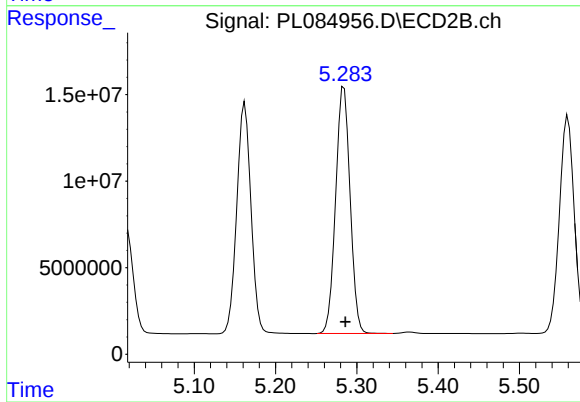
R.T.: 5.162 min  
Delta R.T.: -0.001 min  
Response: 163242458  
Conc: 111.41 ng/ml



#13 Dieldrin

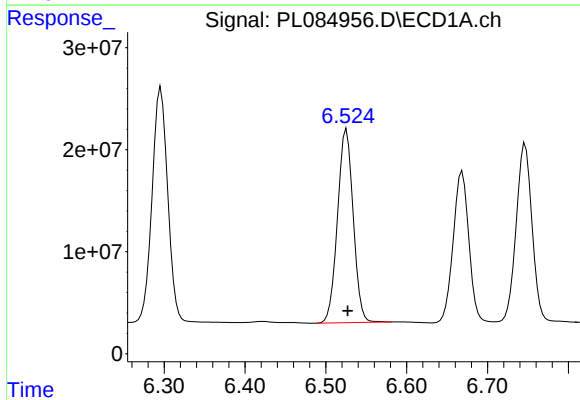
R.T.: 6.296 min  
Delta R.T.: -0.001 min  
Response: 308808703  
Conc: 107.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



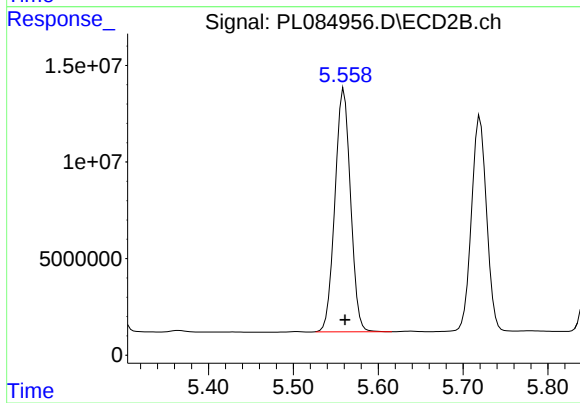
#13 Dieldrin

R.T.: 5.284 min  
Delta R.T.: -0.002 min  
Response: 176329852  
Conc: 113.76 ng/ml



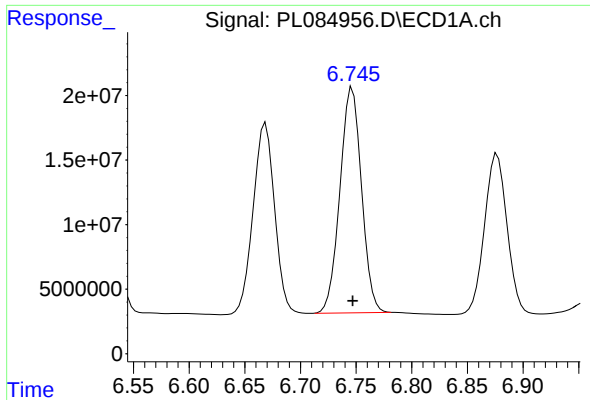
#14 Endrin

R.T.: 6.526 min  
Delta R.T.: -0.001 min  
Response: 255623056  
Conc: 112.20 ng/ml



#14 Endrin

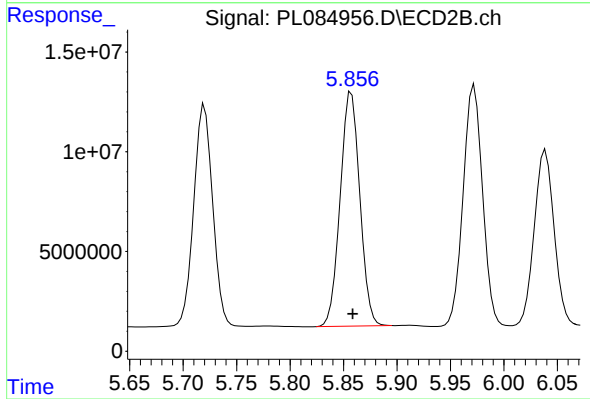
R.T.: 5.560 min  
Delta R.T.: -0.001 min  
Response: 160390706  
Conc: 116.50 ng/ml



#15 Endosulfan II

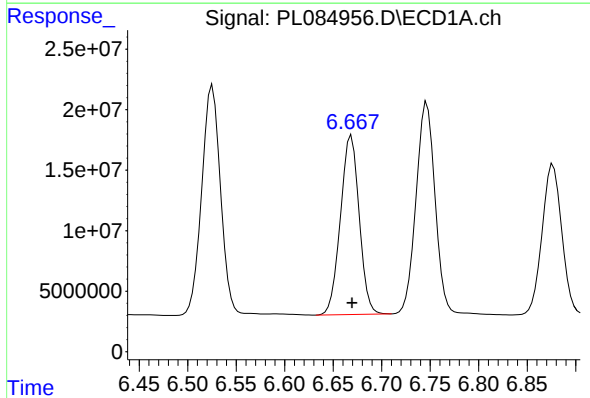
R.T.: 6.747 min  
Delta R.T.: 0.000 min  
Response: 235703006  
Conc: 100.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



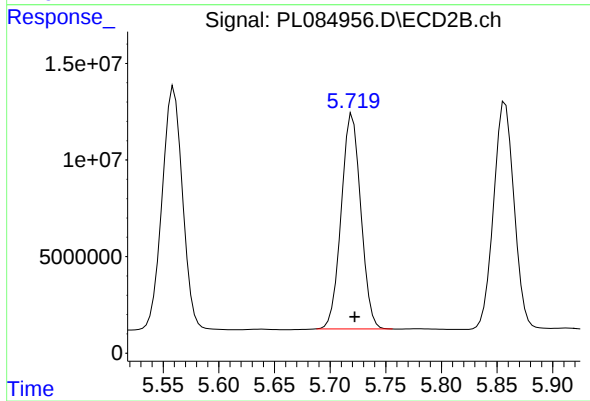
#15 Endosulfan II

R.T.: 5.857 min  
Delta R.T.: -0.001 min  
Response: 150321268  
Conc: 108.23 ng/ml



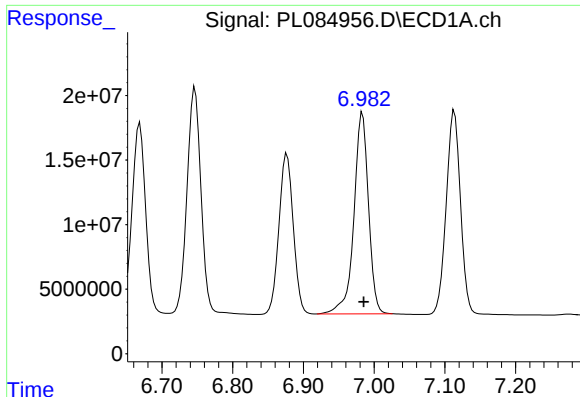
#16 4,4'-DDD

R.T.: 6.669 min  
Delta R.T.: 0.000 min  
Response: 198573138  
Conc: 104.96 ng/ml



#16 4,4'-DDD

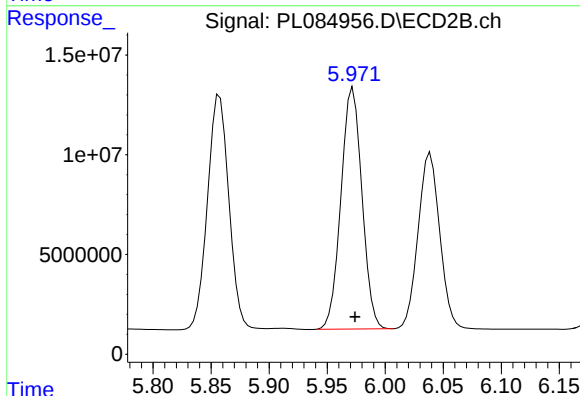
R.T.: 5.720 min  
Delta R.T.: -0.002 min  
Response: 136426409  
Conc: 114.11 ng/ml



#17 4,4'-DDT

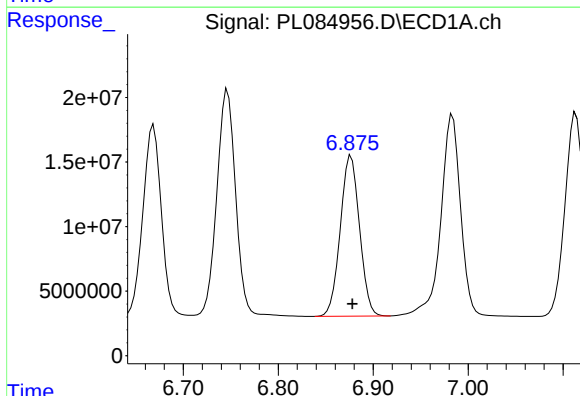
R.T.: 6.984 min  
Delta R.T.: -0.002 min  
Response: 223480429  
Conc: 115.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



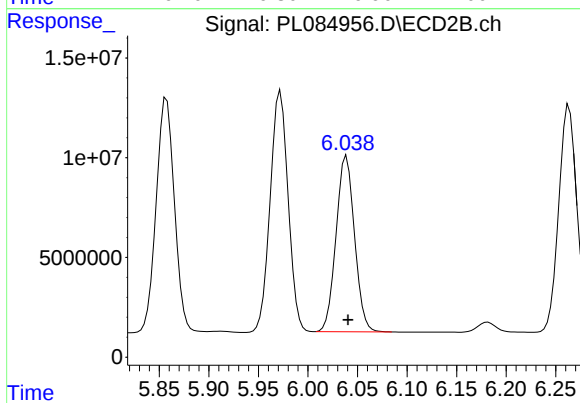
#17 4,4'-DDT

R.T.: 5.972 min  
Delta R.T.: -0.002 min  
Response: 152477559  
Conc: 117.64 ng/ml



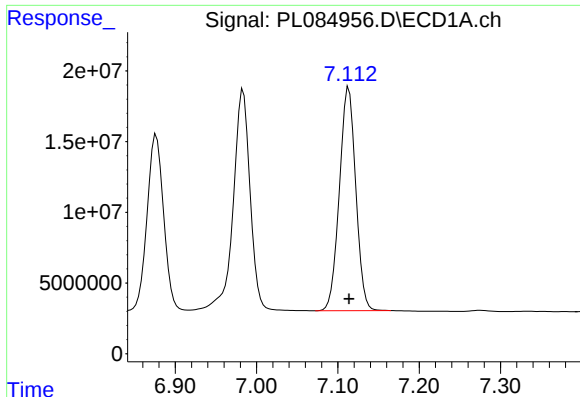
#18 Endrin aldehyde

R.T.: 6.877 min  
Delta R.T.: -0.001 min  
Response: 175253211  
Conc: 94.20 ng/ml



#18 Endrin aldehyde

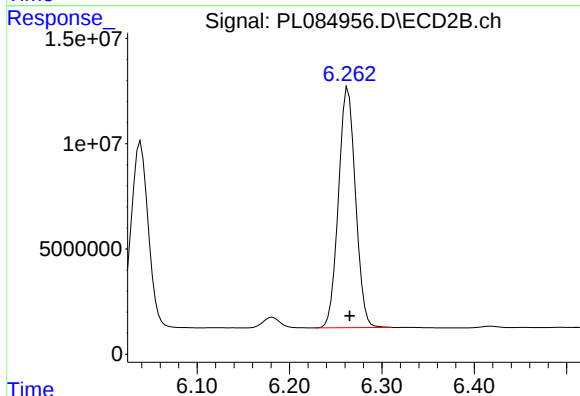
R.T.: 6.039 min  
Delta R.T.: -0.001 min  
Response: 114305619  
Conc: 100.53 ng/ml



#19 Endosulfan Sulfate

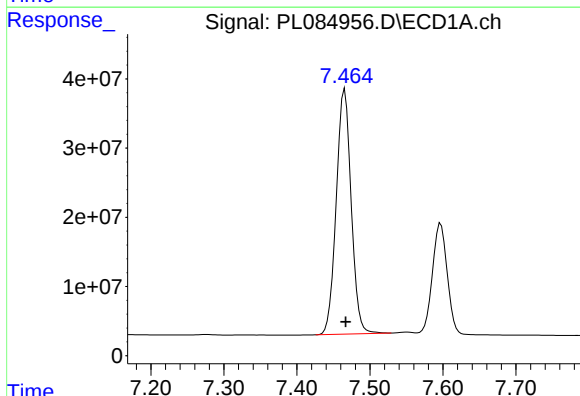
R.T.: 7.114 min  
Delta R.T.: 0.000 min  
Response: 220746436  
Conc: 99.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



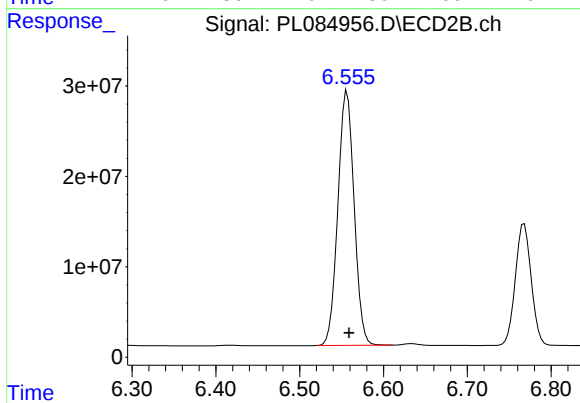
#19 Endosulfan Sulfate

R.T.: 6.263 min  
Delta R.T.: -0.002 min  
Response: 146406533  
Conc: 107.15 ng/ml



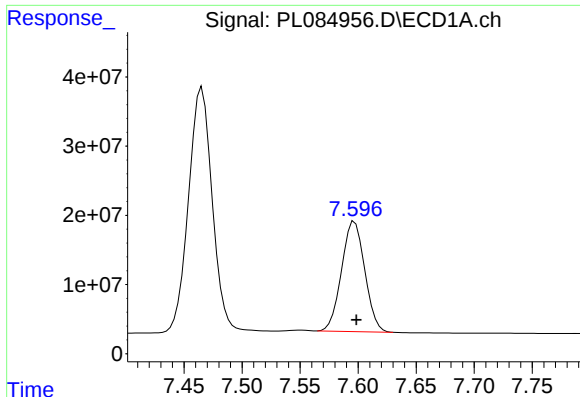
#20 Methoxychlor

R.T.: 7.466 min  
Delta R.T.: -0.001 min  
Response: 503283098  
Conc: 518.71 ng/ml



#20 Methoxychlor

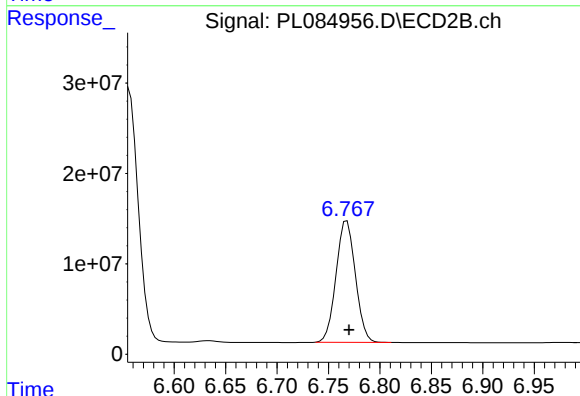
R.T.: 6.557 min  
Delta R.T.: -0.002 min  
Response: 378960896  
Conc: 535.50 ng/ml



#21 Endrin ketone

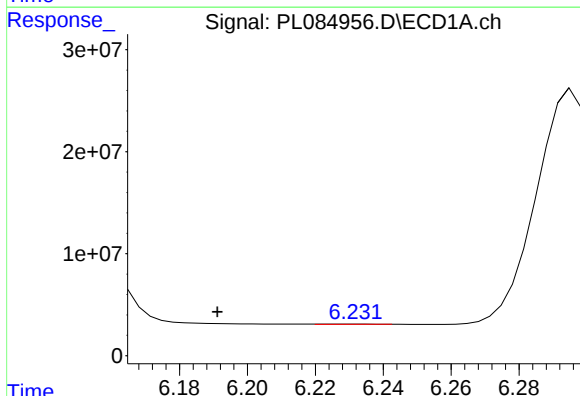
R.T.: 7.597 min  
Delta R.T.: -0.002 min  
Response: 221581711  
Conc: 100.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



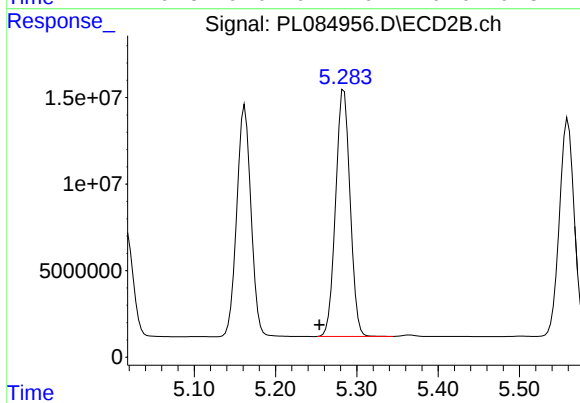
#21 Endrin ketone

R.T.: 6.768 min  
Delta R.T.: -0.002 min  
Response: 175900502  
Conc: 109.04 ng/ml



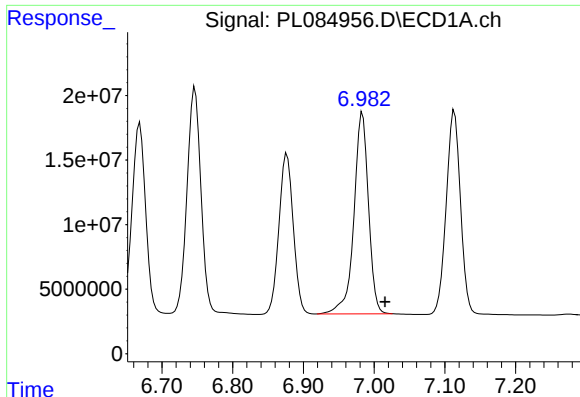
#22 Toxaphene-1

R.T.: 6.232 min  
Delta R.T.: 0.041 min  
Response: 242918  
Conc: 11.81 ng/ml



#22 Toxaphene-1

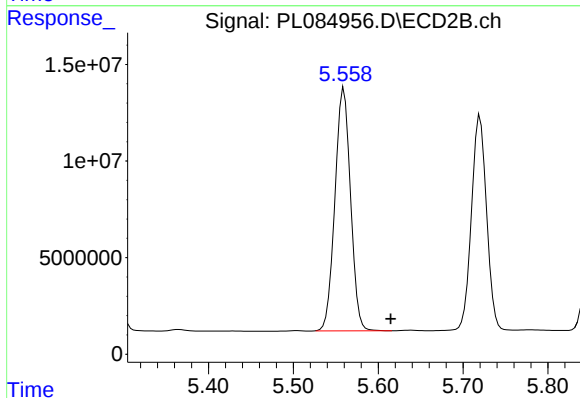
R.T.: 5.284 min  
Delta R.T.: 0.030 min  
Response: 176329852  
Conc: 23209.71 ng/ml



#23 Toxaphene-2

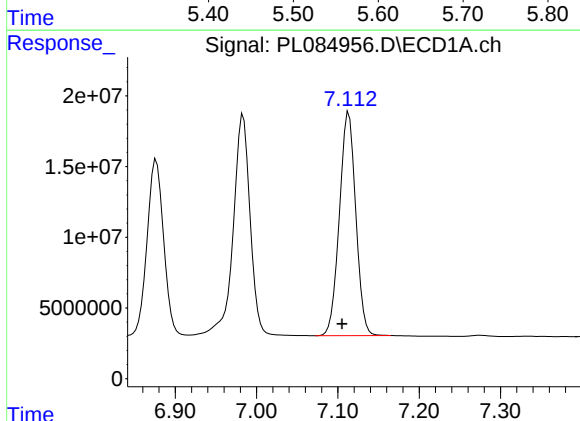
R.T.: 6.984 min  
Delta R.T.: -0.032 min  
Response: 223480429  
Conc: 3362.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



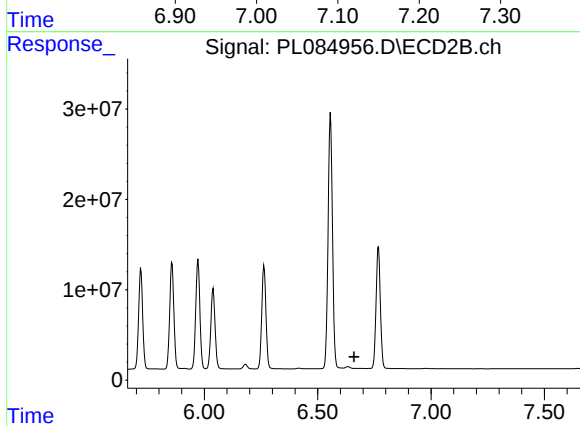
#23 Toxaphene-2

R.T.: 5.560 min  
Delta R.T.: -0.055 min  
Response: 160390706  
Conc: 17964.49 ng/ml



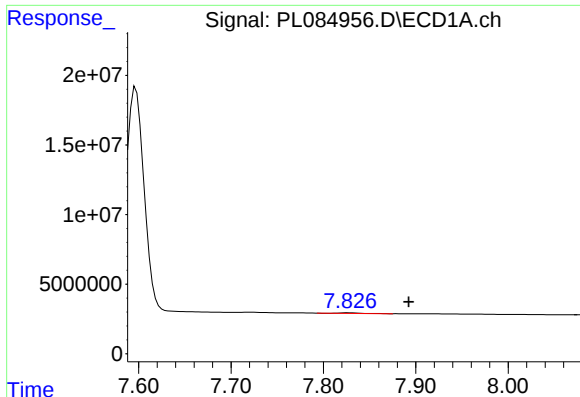
#24 Toxaphene-3

R.T.: 7.114 min  
Delta R.T.: 0.008 min  
Response: 220746436  
Conc: 4654.46 ng/ml



#24 Toxaphene-3

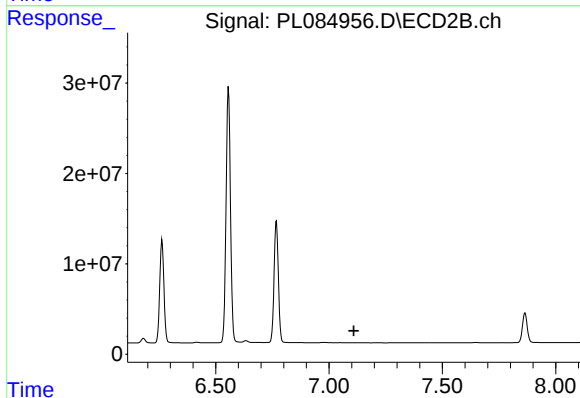
R.T.: 0.000 min  
Exp R.T.: 6.660 min  
Response: 0  
Conc: N.D.



#26 Toxaphene-5

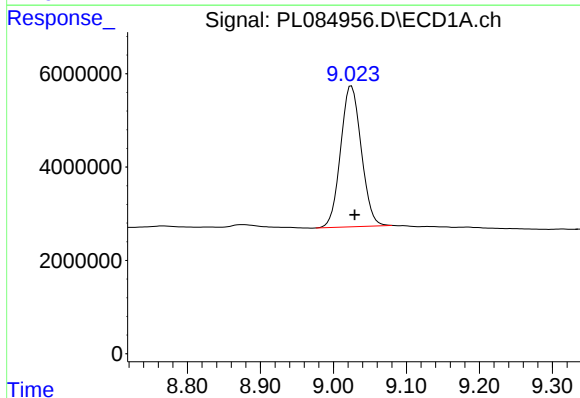
R.T.: 7.827 min  
Delta R.T.: -0.065 min  
Response: 640347  
Conc: 19.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



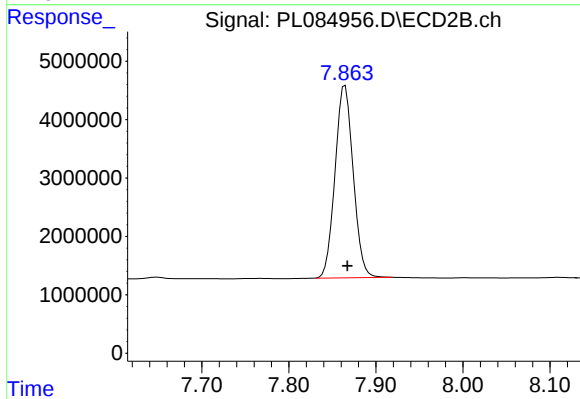
#26 Toxaphene-5

R.T.: 0.000 min  
Exp R.T. : 7.110 min  
Response: 0  
Conc: N.D.



#27 Decachlorobiphenyl

R.T.: 9.025 min  
Delta R.T.: -0.004 min  
Response: 59348981  
Conc: 34.63 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.865 min  
Delta R.T.: -0.003 min  
Response: 47847885  
Conc: 35.33 ng/ml