

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052521\  
 Data File : PL066860.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 May 2021 09:35  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

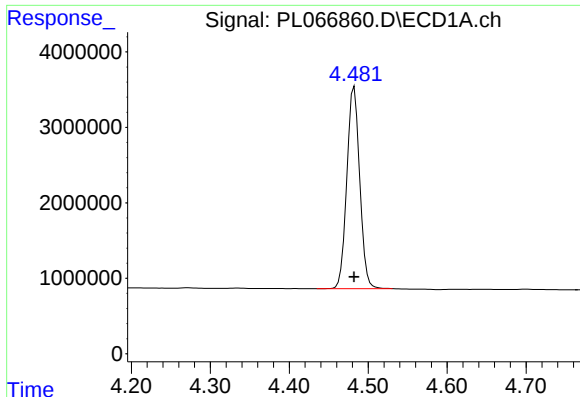
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 25 17:05:18 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052421.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 25 06:06:45 2021  
 Response via : Initial Calibration  
 Integrator: 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... | 4.482  | 5.534  | 30353616 | 44782222 | 52.906   | 52.138     |
| 28)                         | SA Decachlor... | 10.229 | 11.437 | 37392835 | 44084609 | 50.286   | 51.159     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.182  | 6.114  | 45080055 | 60468134 | 49.546   | 53.702     |
| 3)                          | MA gamma-BHC... | 5.602  | 6.509  | 41783767 | 56564498 | 53.021   | 53.310     |
| 4)                          | MA Heptachlor   | 6.014  | 7.158  | 38689606 | 48475976 | 52.355   | 51.620     |
| 5)                          | MB Aldrin       | 6.336  | 7.528  | 42590199 | 51531774 | 52.697   | 52.702     |
| 6)                          | B beta-BHC      | 5.985  | 6.764  | 20142304 | 27670328 | 51.372   | 52.640     |
| 7)                          | B delta-BHC     | 6.242  | 7.030  | 43511989 | 56621168 | 53.156   | 52.232     |
| 8)                          | B Heptachlo...  | 6.910  | 7.995  | 39508073 | 46411254 | 52.264   | 51.362     |
| 9)                          | A Endosulfan I  | 7.309  | 8.400  | 38456451 | 42549477 | 52.202   | 51.434     |
| 10)                         | B gamma-Chl...  | 7.189  | 8.264  | 41619238 | 47980301 | 52.090   | 51.403     |
| 11)                         | B alpha-Chl...  | 7.257  | 8.345  | 41655835 | 47622750 | 51.845   | 51.826     |
| 12)                         | B 4,4'-DDE      | 7.476  | 8.534  | 39556750 | 43751712 | 52.833   | 52.812     |
| 13)                         | MA Dieldrin     | 7.594  | 8.689  | 39944081 | 42830067 | 51.981   | 51.521     |
| 14)                         | MA Endrin       | 7.881  | 8.928  | 35526830 | 34881443 | 51.934   | 51.770     |
| 15)                         | B Endosulfa...  | 8.192  | 9.162  | 35845762 | 38553736 | 51.521   | 50.904     |
| 16)                         | A 4,4'-DDD      | 8.057  | 9.073  | 34019724 | 34885434 | 52.524   | 50.730     |
| 17)                         | MA 4,4'-DDT     | 8.317  | 9.390  | 30242995 | 31066255 | 53.635   | 52.304     |
| 18)                         | B Endrin al...  | 8.379  | 9.297  | 30611953 | 32731139 | 51.492   | 51.010     |
| 19)                         | B Endosulfa...  | 8.610  | 9.534  | 36341818 | 38962195 | 51.448   | 51.018     |
| 20)                         | A Methoxychlor  | 8.911  | 9.877  | 17527193 | 17390866 | 52.111   | 50.980     |
| 21)                         | B Endrin ke...  | 9.120  | 10.031 | 43938994 | 44389537 | 52.511   | 51.786     |
| 22)                         | Mirex           | 9.309  | 10.497 | 35376645 | 37016891 | 50.632   | 51.307     |
| 24)                         | Chlordane-2     | 0.000  | 7.528f | 0        | 51531774 | N.D.     | 1333.709 # |
| 25)                         | Chlordane-3     | 7.189  | 8.264  | 41619238 | 47980301 | 516.484  | 364.037 #  |
| 26)                         | Chlordane-4     | 7.257  | 8.345  | 41655835 | 47622750 | 479.028  | 298.953 #  |
| 27)                         | Chlordane-5     | 8.192  | 0.000  | 35845762 | 0        | 1228.149 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

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

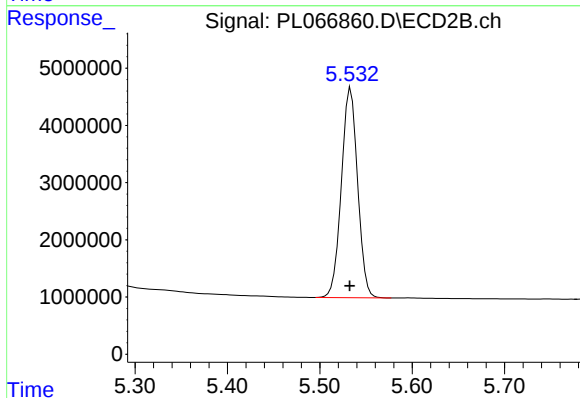




#1 Tetrachloro-m-xylene

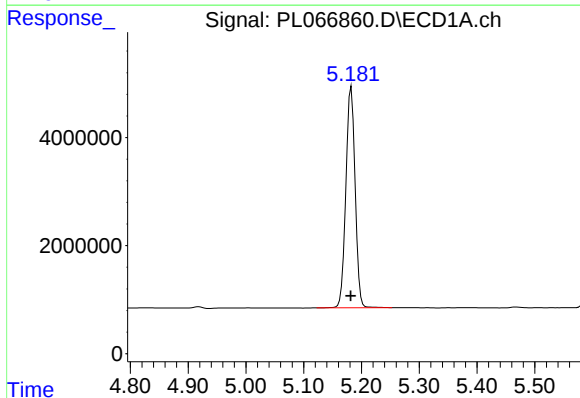
R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 30353616  
Conc: 52.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



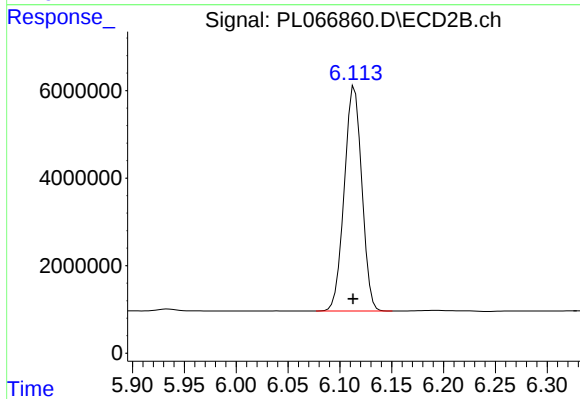
#1 Tetrachloro-m-xylene

R.T.: 5.534 min  
Delta R.T.: 0.001 min  
Response: 44782222  
Conc: 52.14 ng/ml



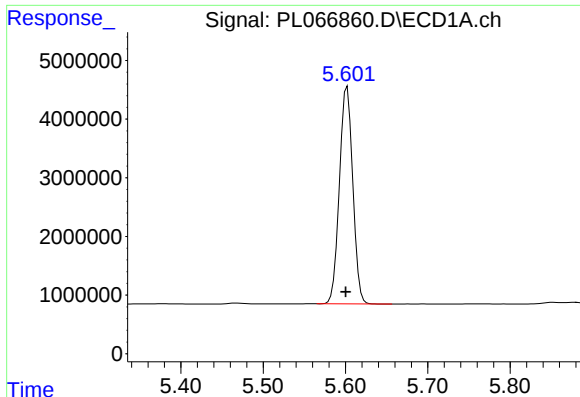
#2 alpha-BHC

R.T.: 5.182 min  
Delta R.T.: 0.001 min  
Response: 45080055  
Conc: 49.55 ng/ml



#2 alpha-BHC

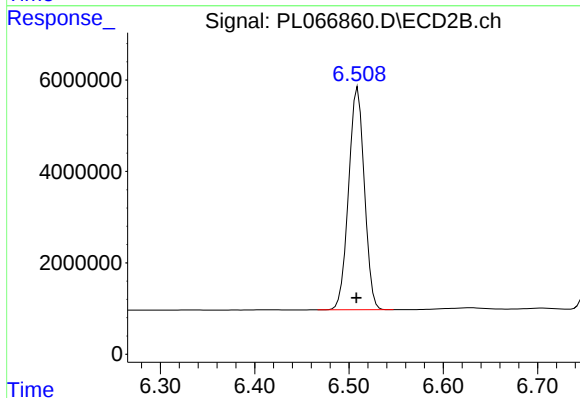
R.T.: 6.114 min  
Delta R.T.: 0.002 min  
Response: 60468134  
Conc: 53.70 ng/ml



#3 gamma-BHC (Lindane)

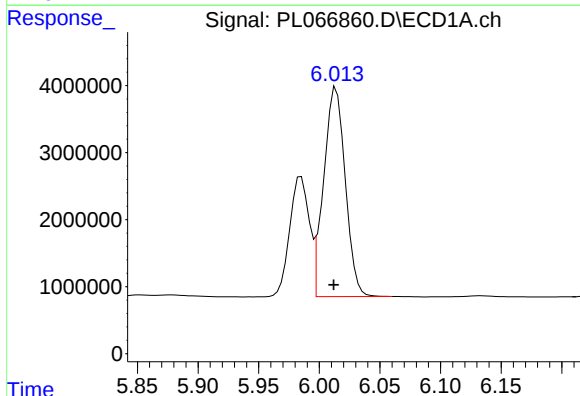
R.T.: 5.602 min  
Delta R.T.: 0.002 min  
Response: 41783767  
Conc: 53.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



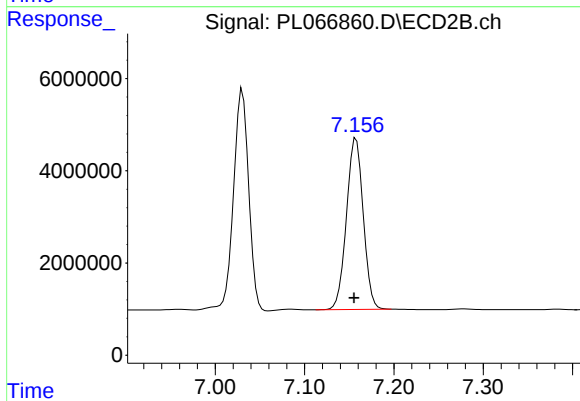
#3 gamma-BHC (Lindane)

R.T.: 6.509 min  
Delta R.T.: 0.002 min  
Response: 56564498  
Conc: 53.31 ng/ml



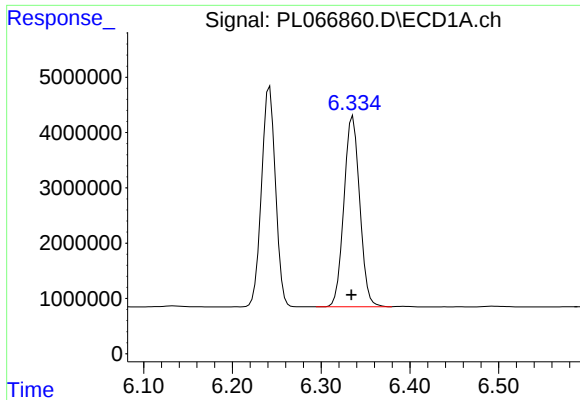
#4 Heptachlor

R.T.: 6.014 min  
Delta R.T.: 0.002 min  
Response: 38689606  
Conc: 52.35 ng/ml



#4 Heptachlor

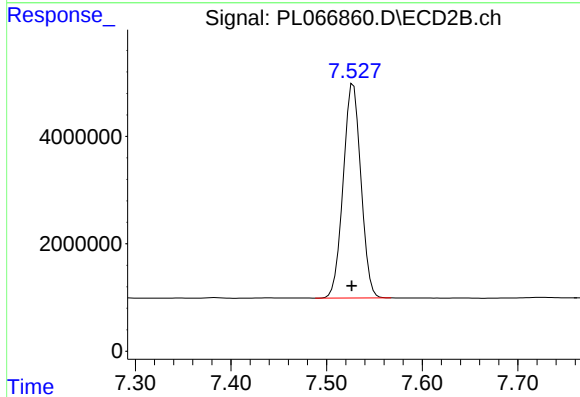
R.T.: 7.158 min  
Delta R.T.: 0.002 min  
Response: 48475976  
Conc: 51.62 ng/ml



#5 Aldrin

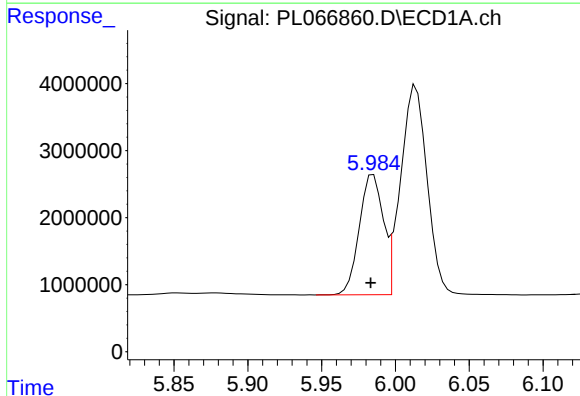
R.T.: 6.336 min  
Delta R.T.: 0.002 min  
Response: 42590199  
Conc: 52.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



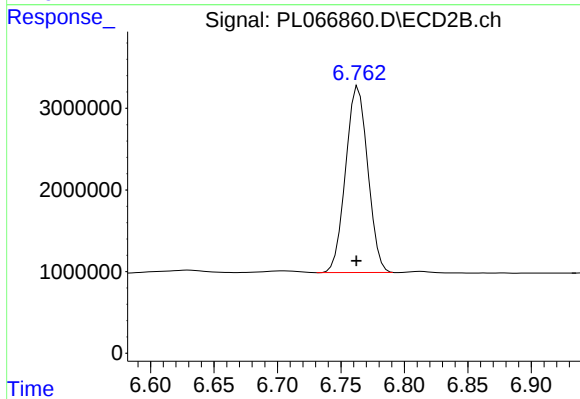
#5 Aldrin

R.T.: 7.528 min  
Delta R.T.: 0.002 min  
Response: 51531774  
Conc: 52.70 ng/ml



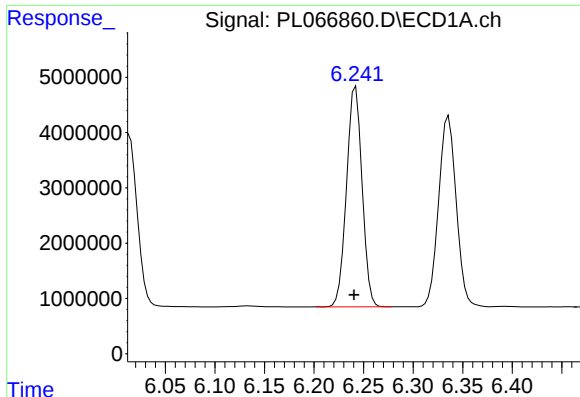
#6 beta-BHC

R.T.: 5.985 min  
Delta R.T.: 0.002 min  
Response: 20142304  
Conc: 51.37 ng/ml



#6 beta-BHC

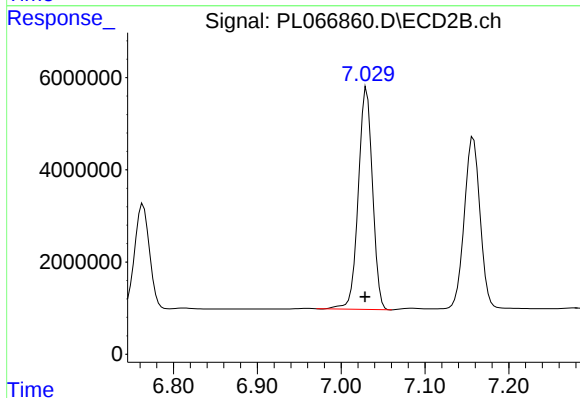
R.T.: 6.764 min  
Delta R.T.: 0.002 min  
Response: 27670328  
Conc: 52.64 ng/ml



#7 delta-BHC

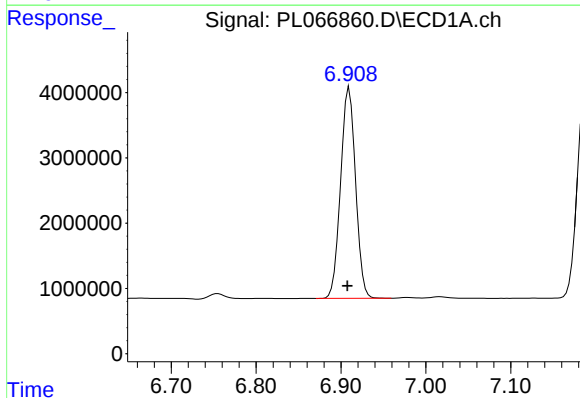
R.T.: 6.242 min  
Delta R.T.: 0.002 min  
Response: 43511989  
Conc: 53.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



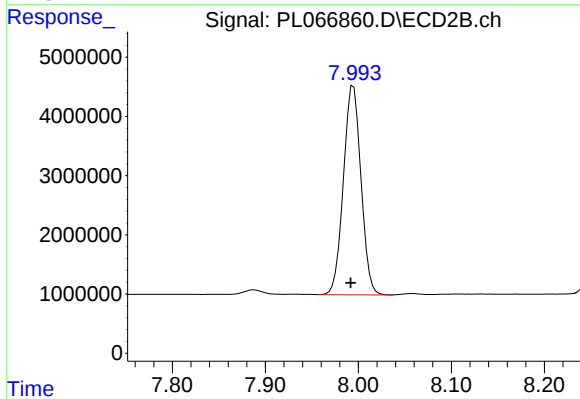
#7 delta-BHC

R.T.: 7.030 min  
Delta R.T.: 0.002 min  
Response: 56621168  
Conc: 52.23 ng/ml



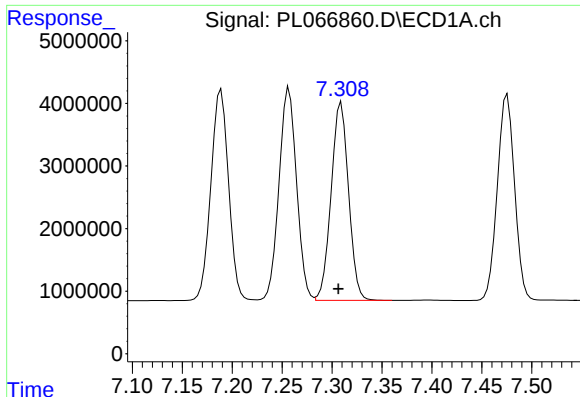
#8 Heptachlor epoxide

R.T.: 6.910 min  
Delta R.T.: 0.002 min  
Response: 39508073  
Conc: 52.26 ng/ml



#8 Heptachlor epoxide

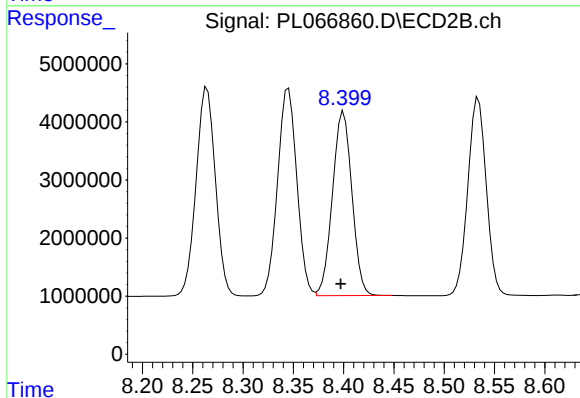
R.T.: 7.995 min  
Delta R.T.: 0.003 min  
Response: 46411254  
Conc: 51.36 ng/ml



#9 Endosulfan I

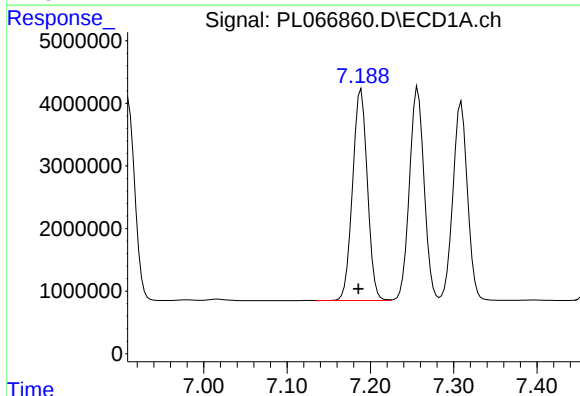
R.T.: 7.309 min  
Delta R.T.: 0.003 min  
Response: 38456451  
Conc: 52.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



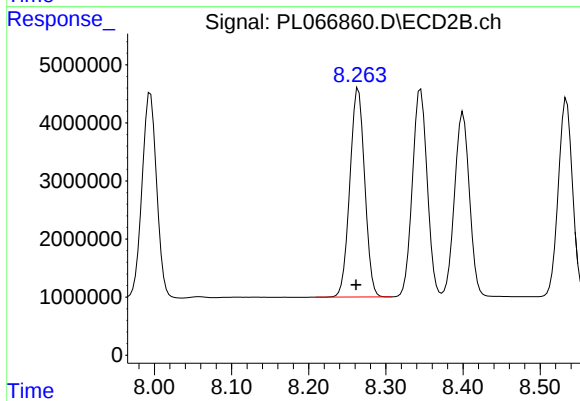
#9 Endosulfan I

R.T.: 8.400 min  
Delta R.T.: 0.003 min  
Response: 42549477  
Conc: 51.43 ng/ml



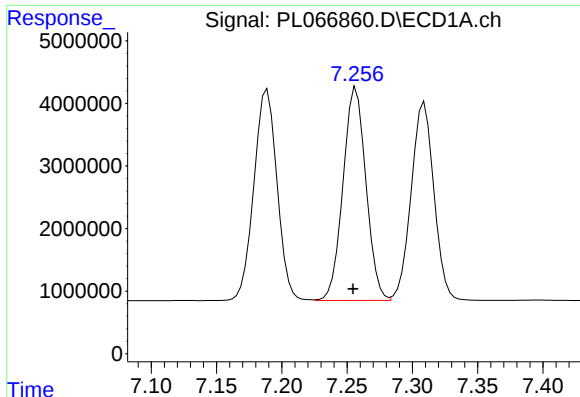
#10 gamma-Chlordane

R.T.: 7.189 min  
Delta R.T.: 0.003 min  
Response: 41619238  
Conc: 52.09 ng/ml



#10 gamma-Chlordane

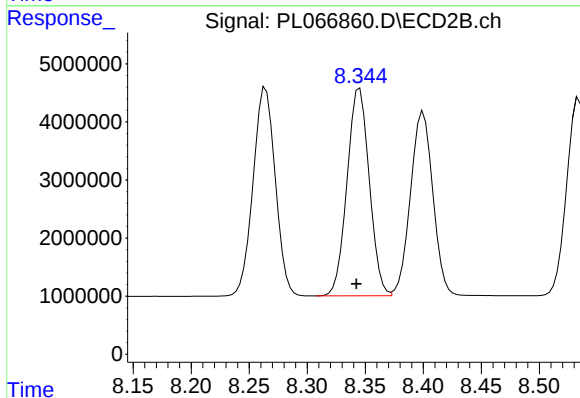
R.T.: 8.264 min  
Delta R.T.: 0.003 min  
Response: 47980301  
Conc: 51.40 ng/ml



#11 alpha-Chlordane

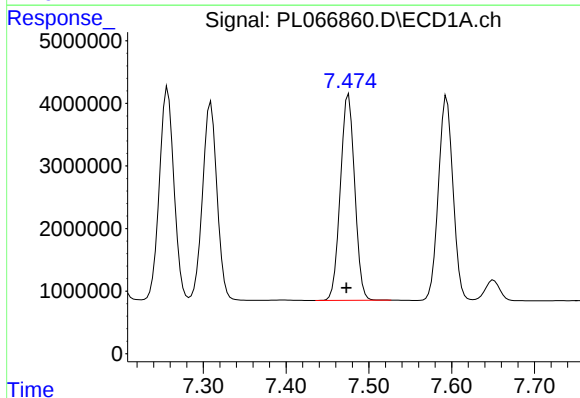
R.T.: 7.257 min  
Delta R.T.: 0.002 min  
Response: 41655835  
Conc: 51.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



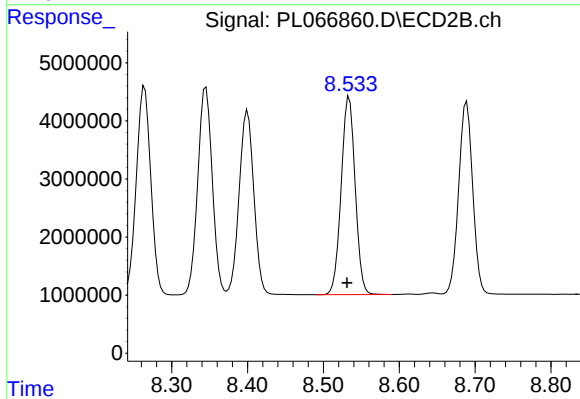
#11 alpha-Chlordane

R.T.: 8.345 min  
Delta R.T.: 0.003 min  
Response: 47622750  
Conc: 51.83 ng/ml



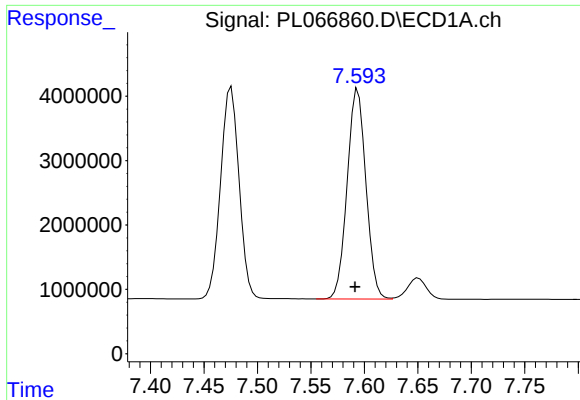
#12 4,4'-DDE

R.T.: 7.476 min  
Delta R.T.: 0.003 min  
Response: 39556750  
Conc: 52.83 ng/ml



#12 4,4'-DDE

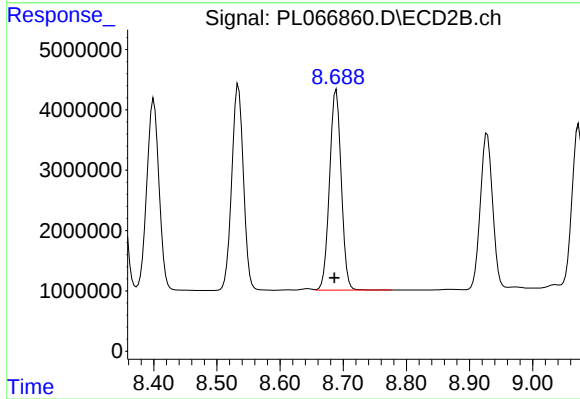
R.T.: 8.534 min  
Delta R.T.: 0.003 min  
Response: 43751712  
Conc: 52.81 ng/ml



#13 Dieldrin

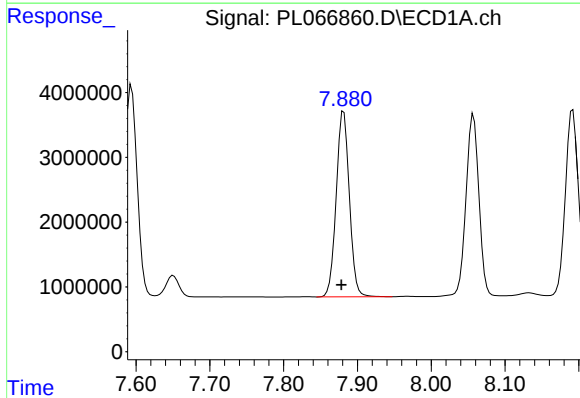
R.T.: 7.594 min  
Delta R.T.: 0.003 min  
Response: 39944081  
Conc: 51.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



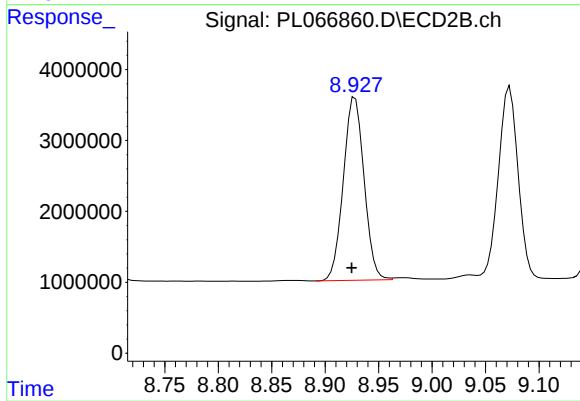
#13 Dieldrin

R.T.: 8.689 min  
Delta R.T.: 0.003 min  
Response: 42830067  
Conc: 51.52 ng/ml



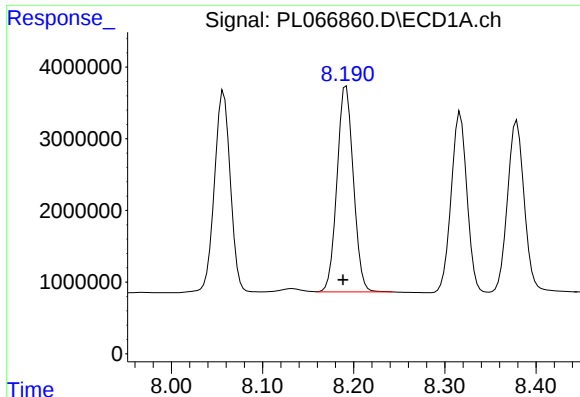
#14 Endrin

R.T.: 7.881 min  
Delta R.T.: 0.003 min  
Response: 35526830  
Conc: 51.93 ng/ml



#14 Endrin

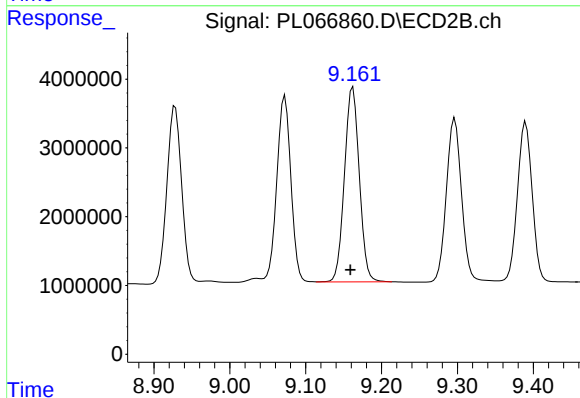
R.T.: 8.928 min  
Delta R.T.: 0.003 min  
Response: 34881443  
Conc: 51.77 ng/ml



#15 Endosulfan II

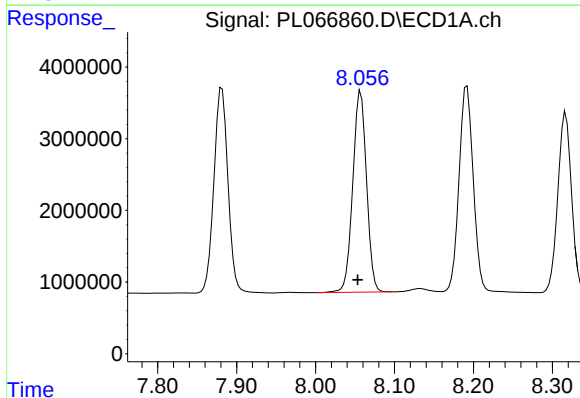
R.T.: 8.192 min  
Delta R.T.: 0.003 min  
Response: 35845762  
Conc: 51.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



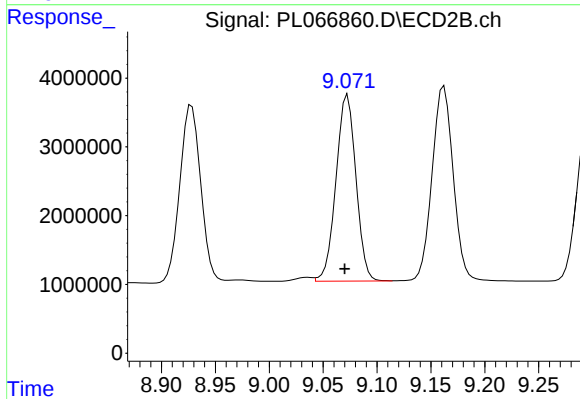
#15 Endosulfan II

R.T.: 9.162 min  
Delta R.T.: 0.003 min  
Response: 38553736  
Conc: 50.90 ng/ml



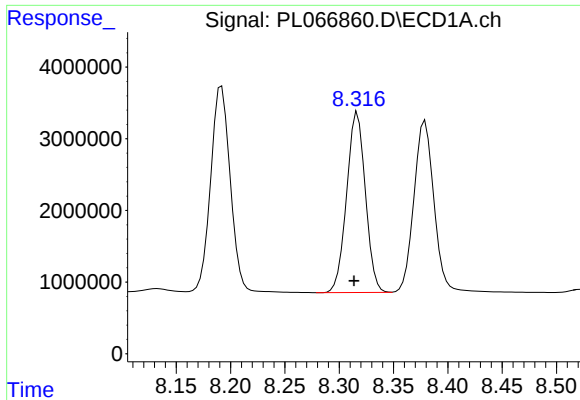
#16 4,4'-DDD

R.T.: 8.057 min  
Delta R.T.: 0.004 min  
Response: 34019724  
Conc: 52.52 ng/ml



#16 4,4'-DDD

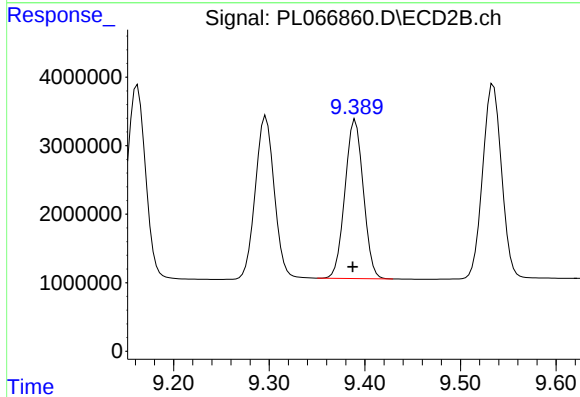
R.T.: 9.073 min  
Delta R.T.: 0.003 min  
Response: 34885434  
Conc: 50.73 ng/ml



#17 4,4'-DDT

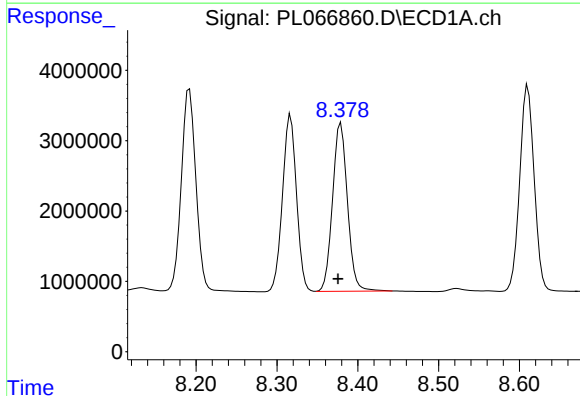
R.T.: 8.317 min  
Delta R.T.: 0.003 min  
Response: 30242995  
Conc: 53.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



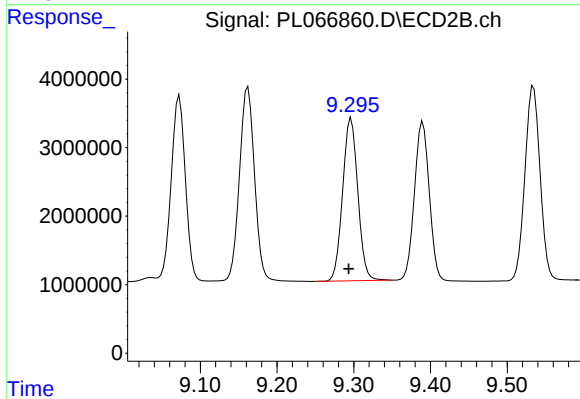
#17 4,4'-DDT

R.T.: 9.390 min  
Delta R.T.: 0.003 min  
Response: 31066255  
Conc: 52.30 ng/ml



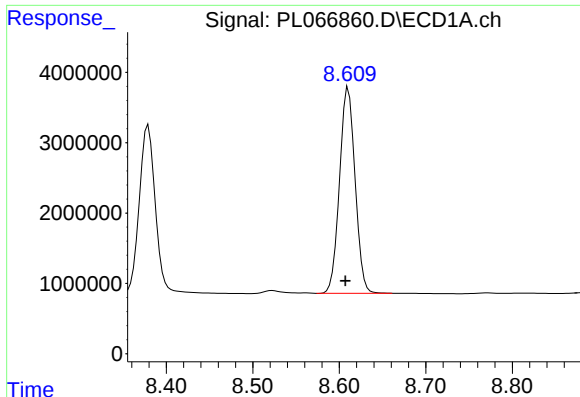
#18 Endrin aldehyde

R.T.: 8.379 min  
Delta R.T.: 0.003 min  
Response: 30611953  
Conc: 51.49 ng/ml



#18 Endrin aldehyde

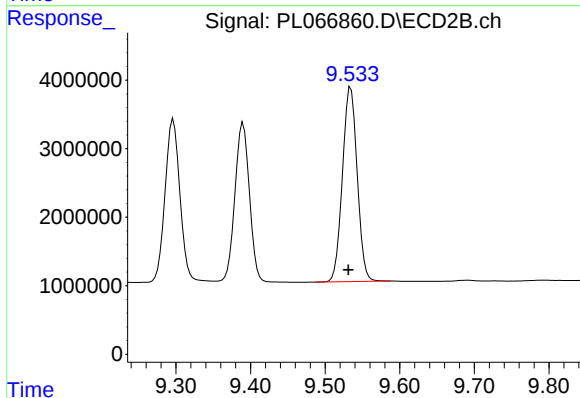
R.T.: 9.297 min  
Delta R.T.: 0.003 min  
Response: 32731139  
Conc: 51.01 ng/ml



#19 Endosulfan Sulfate

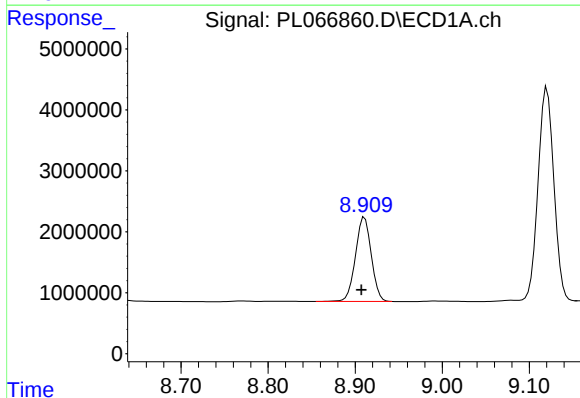
R.T.: 8.610 min  
Delta R.T.: 0.003 min  
Response: 36341818  
Conc: 51.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



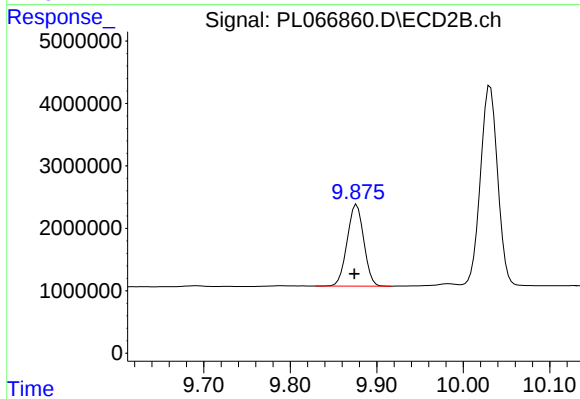
#19 Endosulfan Sulfate

R.T.: 9.534 min  
Delta R.T.: 0.003 min  
Response: 38962195  
Conc: 51.02 ng/ml



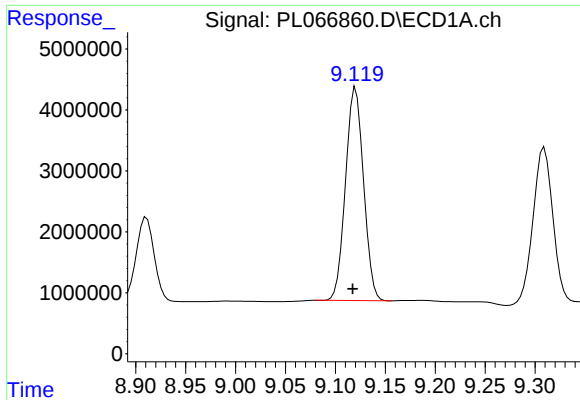
#20 Methoxychlor

R.T.: 8.911 min  
Delta R.T.: 0.004 min  
Response: 17527193  
Conc: 52.11 ng/ml



#20 Methoxychlor

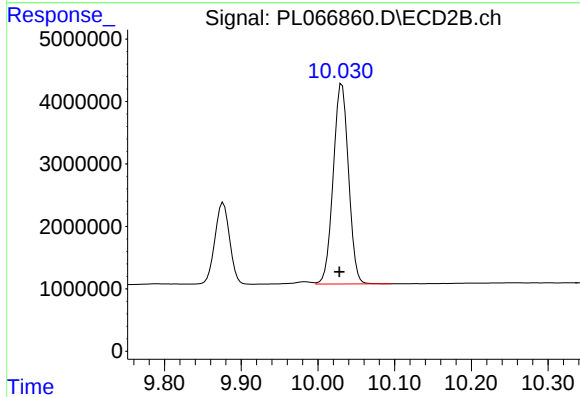
R.T.: 9.877 min  
Delta R.T.: 0.003 min  
Response: 17390866  
Conc: 50.98 ng/ml



#21 Endrin ketone

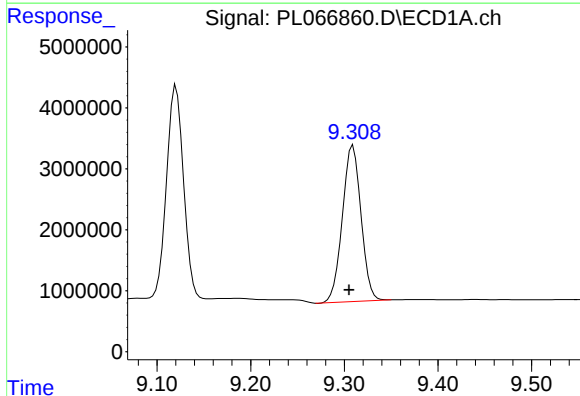
R.T.: 9.120 min  
Delta R.T.: 0.003 min  
Response: 43938994  
Conc: 52.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



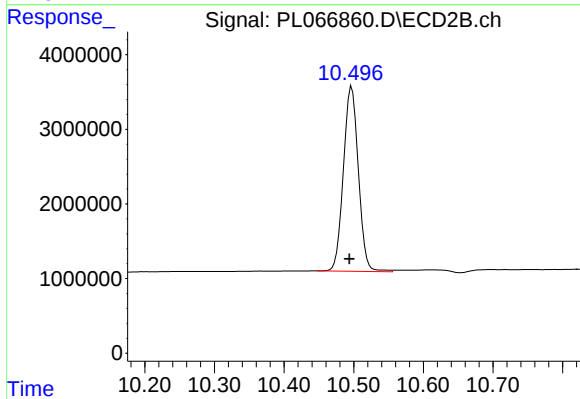
#21 Endrin ketone

R.T.: 10.031 min  
Delta R.T.: 0.003 min  
Response: 44389537  
Conc: 51.79 ng/ml



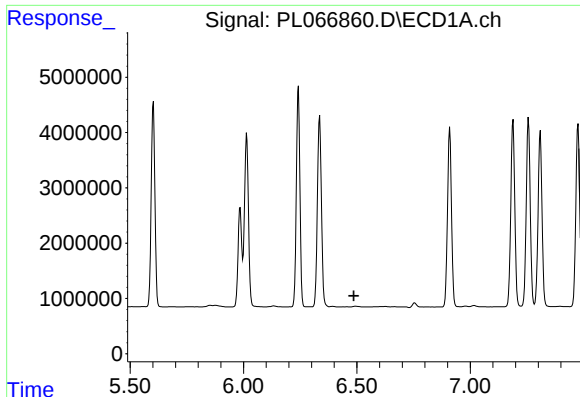
#22 Mirex

R.T.: 9.309 min  
Delta R.T.: 0.004 min  
Response: 35376645  
Conc: 50.63 ng/ml



#22 Mirex

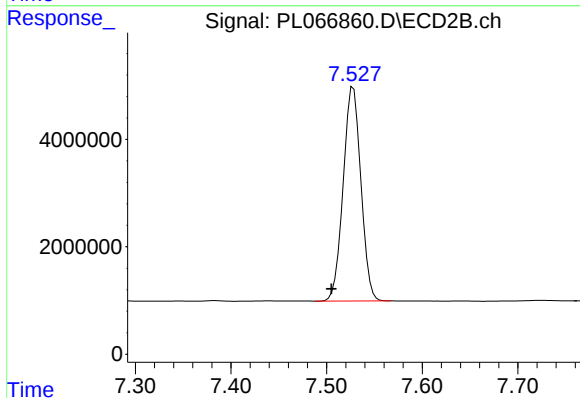
R.T.: 10.497 min  
Delta R.T.: 0.003 min  
Response: 37016891  
Conc: 51.31 ng/ml



#24 Chlordane-2

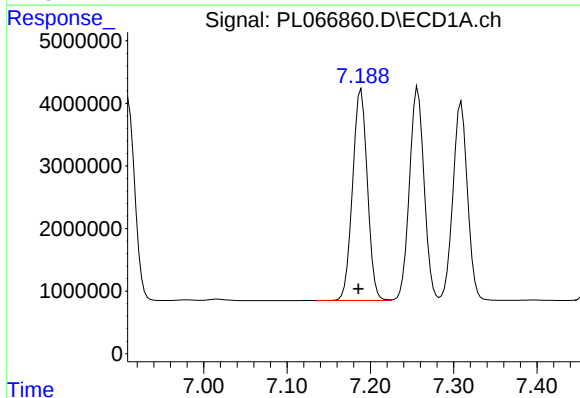
R.T.: 0.000 min  
Exp R.T.: 6.487 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



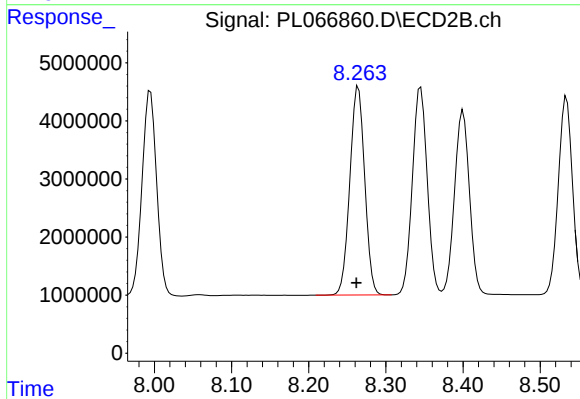
#24 Chlordane-2

R.T.: 7.528 min  
Delta R.T.: 0.023 min  
Response: 51531774  
Conc: 1333.71 ng/ml



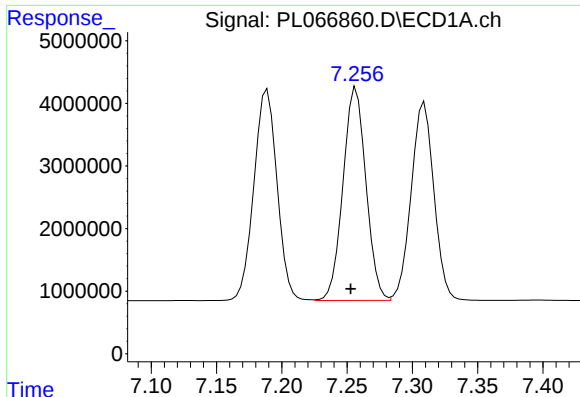
#25 Chlordane-3

R.T.: 7.189 min  
Delta R.T.: 0.003 min  
Response: 41619238  
Conc: 516.48 ng/ml



#25 Chlordane-3

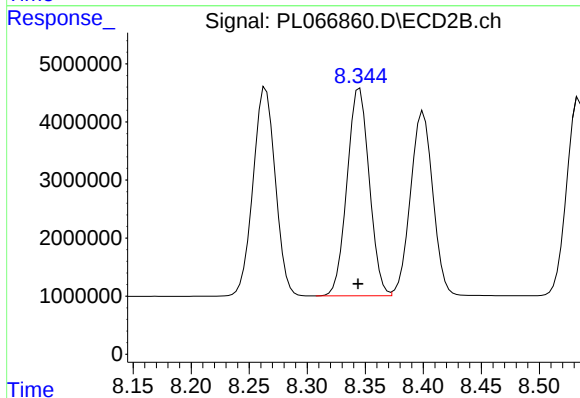
R.T.: 8.264 min  
Delta R.T.: 0.003 min  
Response: 47980301  
Conc: 364.04 ng/ml



#26 Chlordane-4

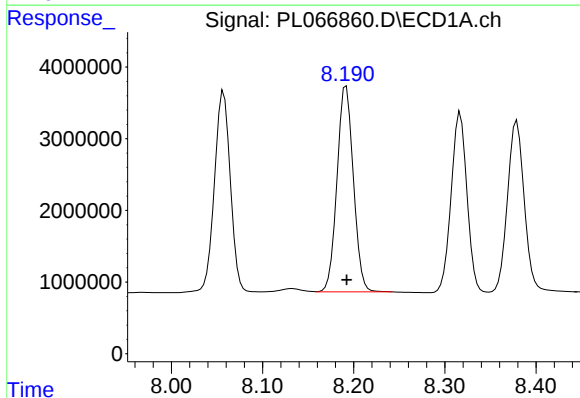
R.T.: 7.257 min  
Delta R.T.: 0.004 min  
Response: 41655835  
Conc: 479.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



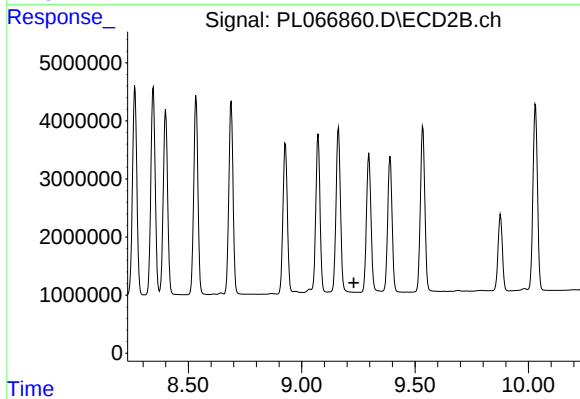
#26 Chlordane-4

R.T.: 8.345 min  
Delta R.T.: 0.001 min  
Response: 47622750  
Conc: 298.95 ng/ml



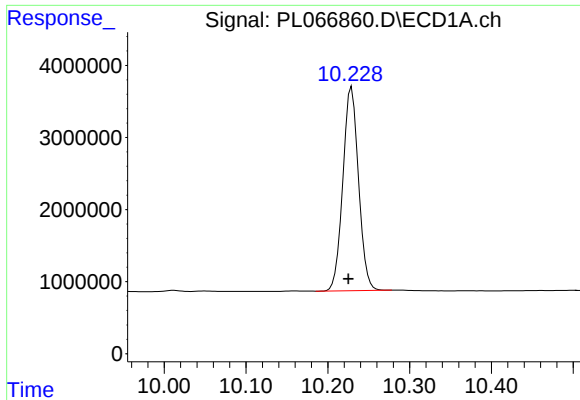
#27 Chlordane-5

R.T.: 8.192 min  
Delta R.T.: 0.000 min  
Response: 35845762  
Conc: 1228.15 ng/ml



#27 Chlordane-5

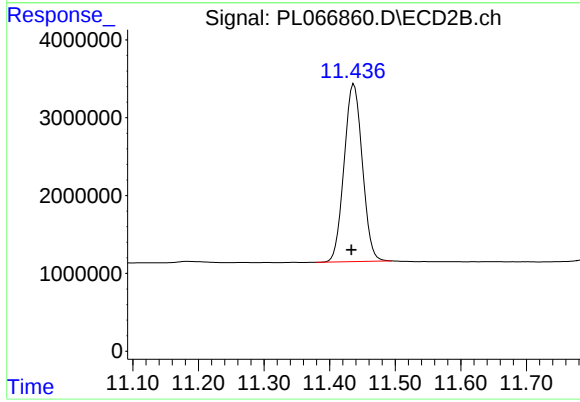
R.T.: 0.000 min  
Exp R.T.: 9.229 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.229 min  
Delta R.T.: 0.004 min  
Response: 37392835  
Conc: 50.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.437 min  
Delta R.T.: 0.004 min  
Response: 44084609  
Conc: 51.16 ng/ml