

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082621\  
 Data File : PL069505.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Aug 2021 20:16  
 Operator : AR\AJ  
 Sample : M3528-02MS  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PT-3-082421MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 27 04:47:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082021.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Aug 21 02:23:37 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... | 4.632  | 5.565  | 7605092  | 26854665 | 16.484  | 18.747     |
| 28)                         | SA Decachlor... | 10.397 | 11.485 | 8787865  | 17755735 | 13.020  | 14.488     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 5.338  | 6.146  | 29008710 | 101.2E6  | 45.317  | 51.746     |
| 3)                          | MA gamma-BHC... | 5.761  | 6.541  | 28614404 | 93806950 | 44.788  | 51.119     |
| 4)                          | MA Heptachlor   | 6.171  | 7.191  | 29087720 | 92314506 | 41.999  | 50.656     |
| 5)                          | MB Aldrin       | 6.496  | 7.562  | 27179334 | 81409450 | 44.050  | 48.980     |
| 6)                          | B beta-BHC      | 6.140  | 6.794  | 14272630 | 45386582 | 44.589  | 48.295     |
| 7)                          | B delta-BHC     | 6.401  | 7.062  | 26378491 | 90726491 | 42.431  | 49.123     |
| 8)                          | B Heptachlor... | 7.072  | 8.028  | 26999134 | 76920794 | 43.495  | 51.136     |
| 9)                          | A Endosulfan I  | 7.475  | 8.433  | 25901830 | 71911349 | 43.751  | 51.992     |
| 10)                         | B gamma-Chl...  | 7.349  | 8.297  | 27911992 | 77671151 | 43.609  | 50.491     |
| 11)                         | B alpha-Chl...  | 7.419  | 8.378  | 27830100 | 76038166 | 42.710  | 50.890     |
| 12)                         | B 4,4'-DDE      | 7.632  | 8.565  | 24947733 | 72642000 | 44.111  | 51.930     |
| 13)                         | MA Dieldrin     | 7.760  | 8.723  | 27010687 | 72845072 | 44.481  | 51.876     |
| 14)                         | MA Endrin       | 8.052  | 8.962  | 24886666 | 60380858 | 43.091  | 51.443     |
| 15)                         | B Endosulfa...  | 8.362  | 9.195  | 24817268 | 60912885 | 44.666  | 51.477     |
| 16)                         | A 4,4'-DDD      | 8.217  | 9.104  | 22420234 | 60051463 | 44.084  | 48.958     |
| 17)                         | MA 4,4'-DDT     | 8.478  | 9.422  | 22788556 | 55901190 | 39.591  | 45.628     |
| 18)                         | B Endrin al...  | 8.550  | 9.330  | 22118512 | 53448463 | 48.767  | 56.190     |
| 19)                         | B Endosulfa...  | 8.780  | 9.568  | 26444944 | 58312210 | 44.542  | 51.326     |
| 20)                         | A Methoxychlor  | 9.072  | 9.907  | 14346451 | 29076374 | 38.304  | 45.291     |
| 21)                         | B Endrin ke...  | 9.299  | 10.065 | 30782591 | 64679824 | 44.363  | 49.991     |
| 22)                         | Mirex           | 9.486  | 10.532 | 24879150 | 45737113 | 41.830  | 48.802     |
| 23)                         | Chlordane-1     | 0.000  | 6.972f | 0        | 1600258  | N.D.    | 28.267 #   |
| 24)                         | Chlordane-2     | 0.000  | 7.562f | 0        | 81409450 | N.D.    | 1421.068 # |
| 25)                         | Chlordane-3     | 7.349  | 8.297  | 27911992 | 77671151 | 429.527 | 362.701    |
| 26)                         | Chlordane-4     | 7.419  | 8.378  | 27830100 | 76038166 | 398.824 | 295.429 #  |
| 27)                         | Chlordane-5     | 8.362  | 0.000  | 24817268 | 0        | 973.061 | N.D. #     |
| -----                       |                 |        |        |          |          |         |            |

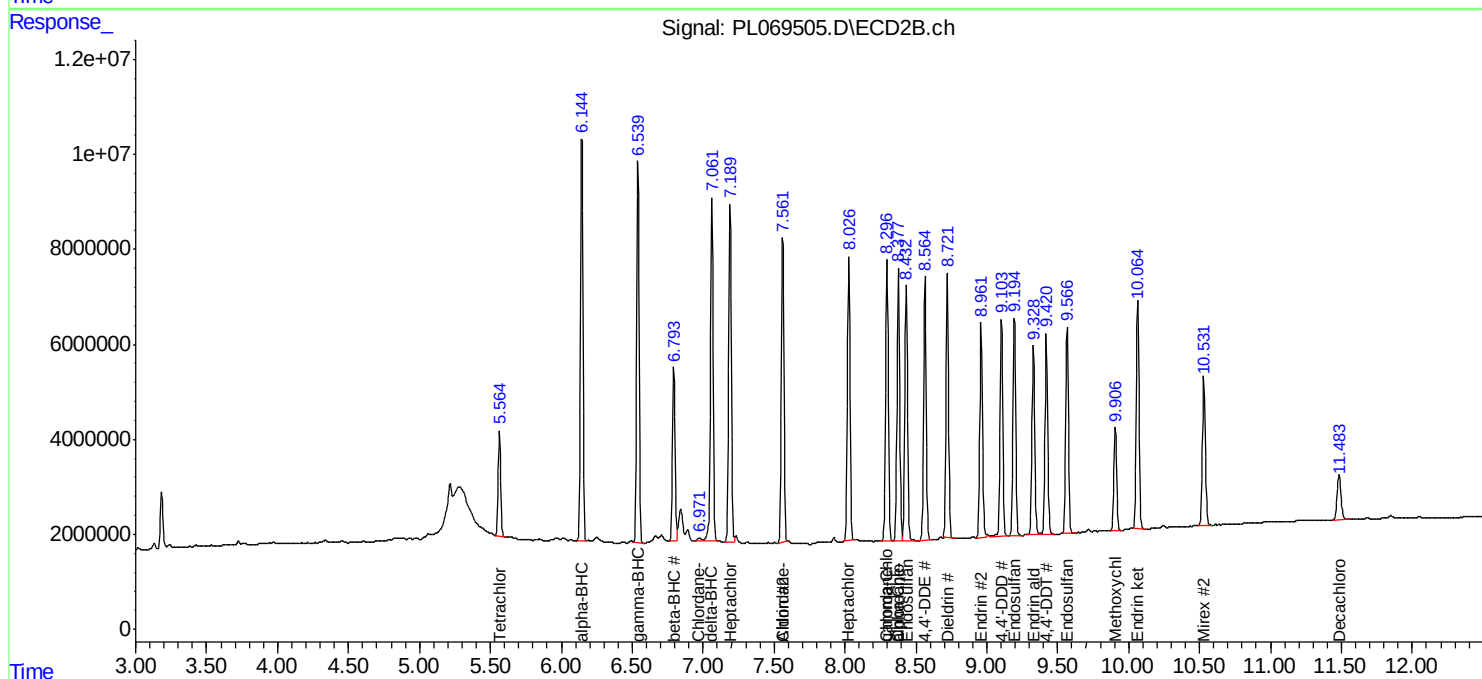
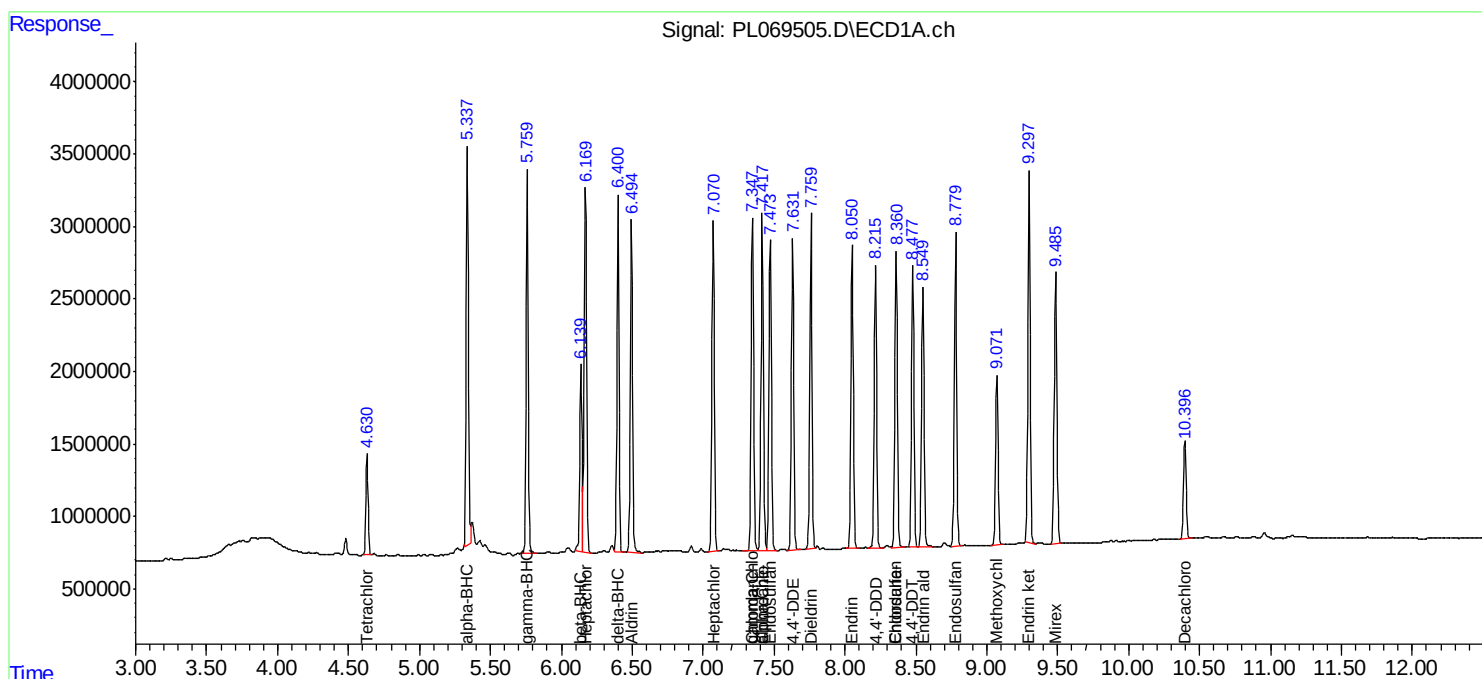
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

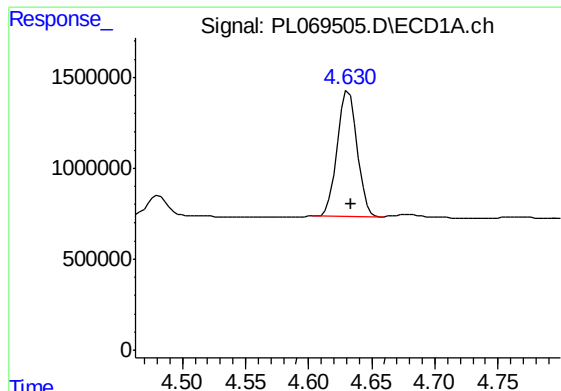
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082621\  
Data File : PL069505.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Aug 2021 20:16  
Operator : AR\AJ  
Sample : M3528-02MS  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PT-3-082421MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 27 04:47:47 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082021.M  
Quant Title : GC Extractables  
QLast Update : Sat Aug 21 02:23:37 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

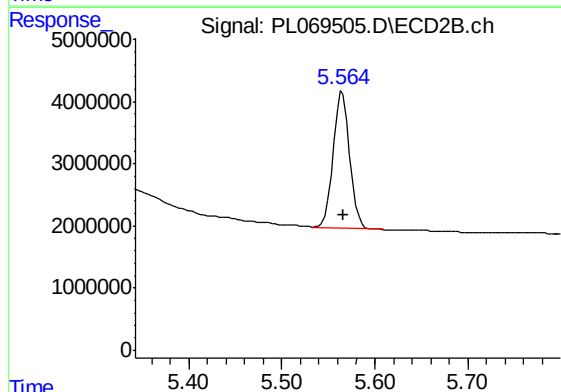




#1 Tetrachloro-m-xylene

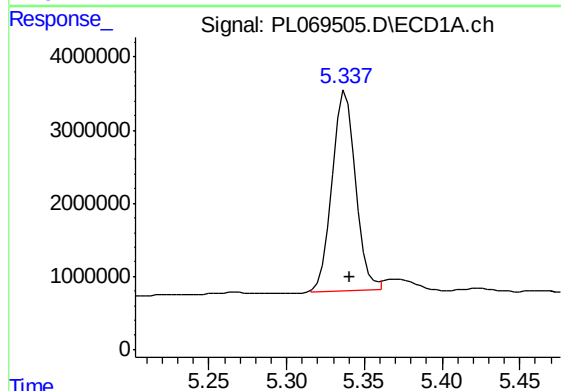
R.T.: 4.632 min  
Delta R.T.: -0.002 min  
Response: 7605092  
Conc: 16.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MS



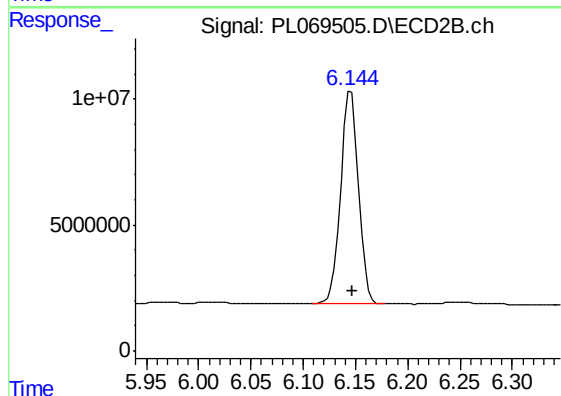
#1 Tetrachloro-m-xylene

R.T.: 5.565 min  
Delta R.T.: -0.002 min  
Response: 26854665  
Conc: 18.75 ng/ml



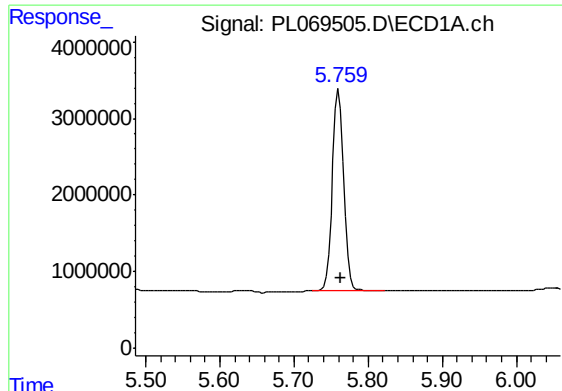
#2 alpha-BHC

R.T.: 5.338 min  
Delta R.T.: -0.002 min  
Response: 29008710  
Conc: 45.32 ng/ml



#2 alpha-BHC

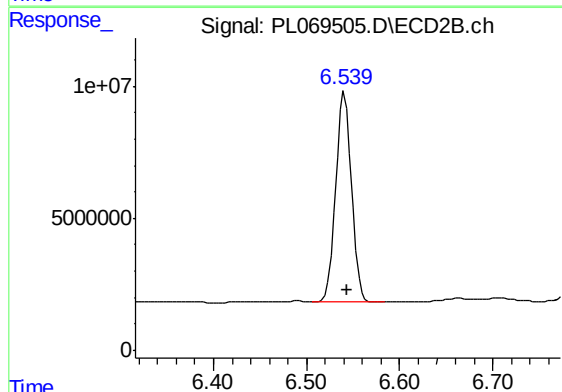
R.T.: 6.146 min  
Delta R.T.: -0.002 min  
Response: 101218445  
Conc: 51.75 ng/ml



#3 gamma-BHC (Lindane)

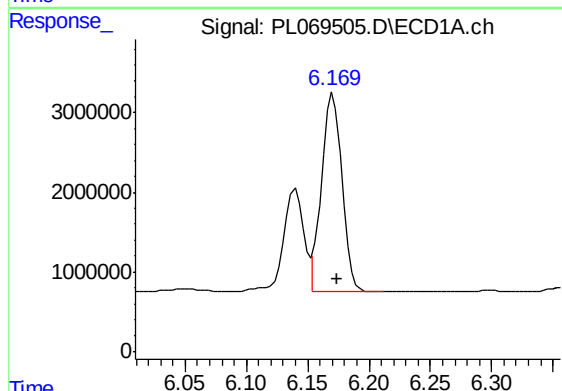
R.T.: 5.761 min  
Delta R.T.: -0.003 min  
Response: 28614404  
Conc: 44.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MS



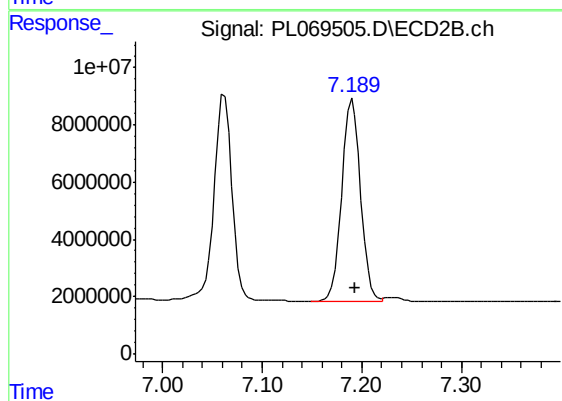
#3 gamma-BHC (Lindane)

R.T.: 6.541 min  
Delta R.T.: -0.002 min  
Response: 93806950  
Conc: 51.12 ng/ml



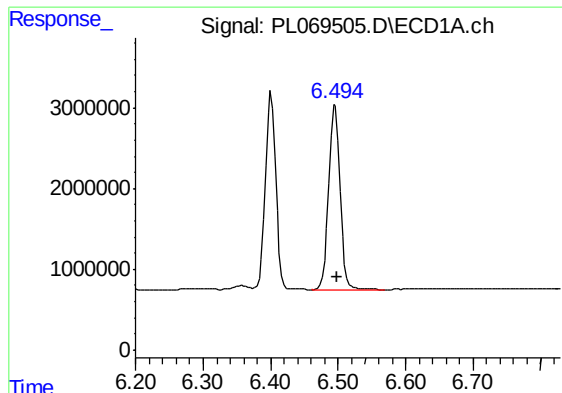
#4 Heptachlor

R.T.: 6.171 min  
Delta R.T.: -0.003 min  
Response: 29087720  
Conc: 42.00 ng/ml



#4 Heptachlor

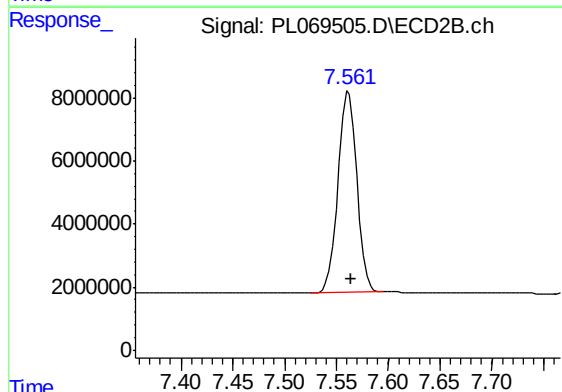
R.T.: 7.191 min  
Delta R.T.: -0.002 min  
Response: 92314506  
Conc: 50.66 ng/ml



#5 Aldrin

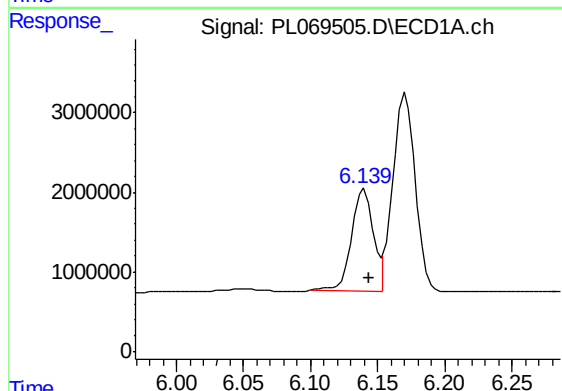
R.T.: 6.496 min  
Delta R.T.: -0.003 min  
Response: 27179334  
Conc: 44.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MS



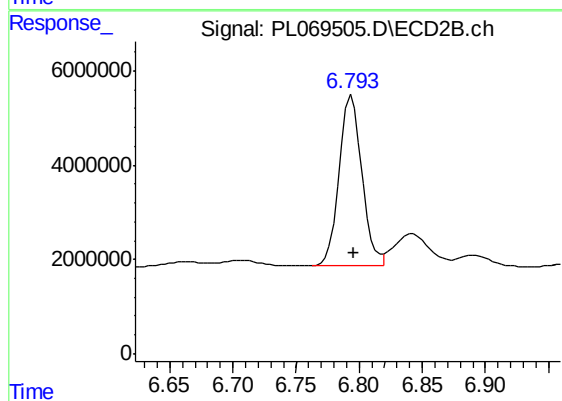
#5 Aldrin

R.T.: 7.562 min  
Delta R.T.: -0.002 min  
Response: 81409450  
Conc: 48.98 ng/ml



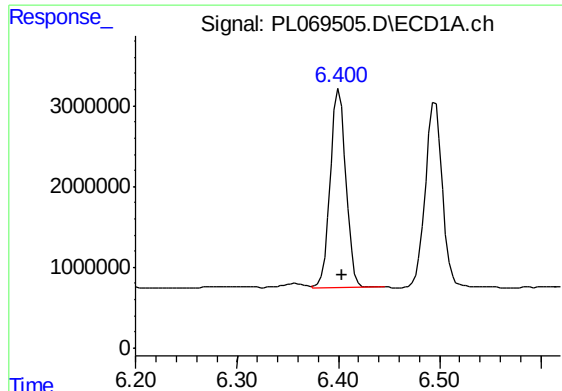
#6 beta-BHC

R.T.: 6.140 min  
Delta R.T.: -0.003 min  
Response: 14272630  
Conc: 44.59 ng/ml



#6 beta-BHC

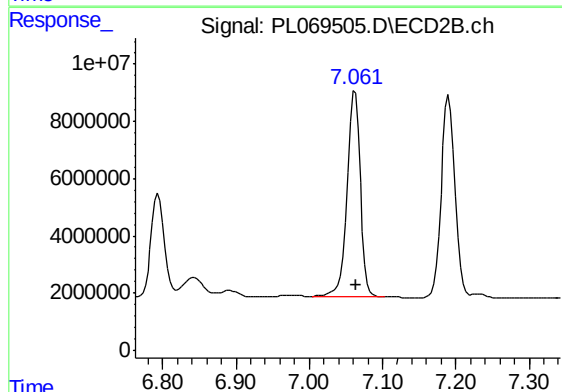
R.T.: 6.794 min  
Delta R.T.: -0.002 min  
Response: 45386582  
Conc: 48.29 ng/ml



#7 delta-BHC

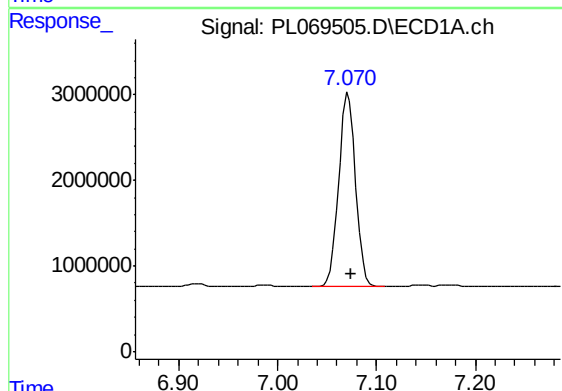
R.T.: 6.401 min  
Delta R.T.: -0.003 min  
Response: 26378491  
Conc: 42.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MS



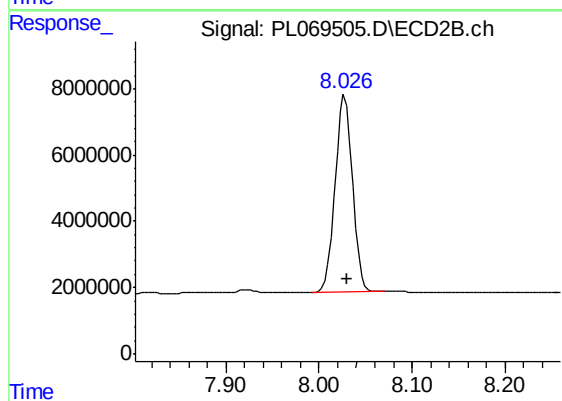
#7 delta-BHC

R.T.: 7.062 min  
Delta R.T.: -0.002 min  
Response: 90726491  
Conc: 49.12 ng/ml



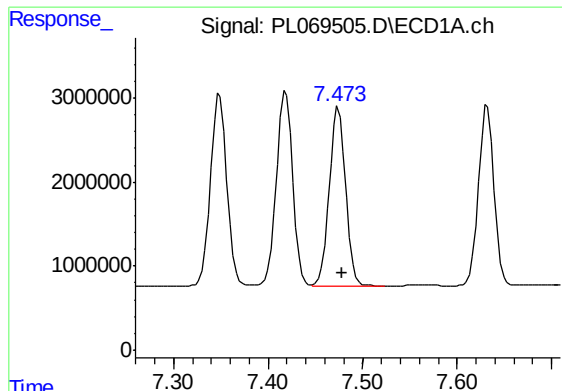
#8 Heptachlor epoxide

R.T.: 7.072 min  
Delta R.T.: -0.003 min  
Response: 26999134  
Conc: 43.49 ng/ml



#8 Heptachlor epoxide

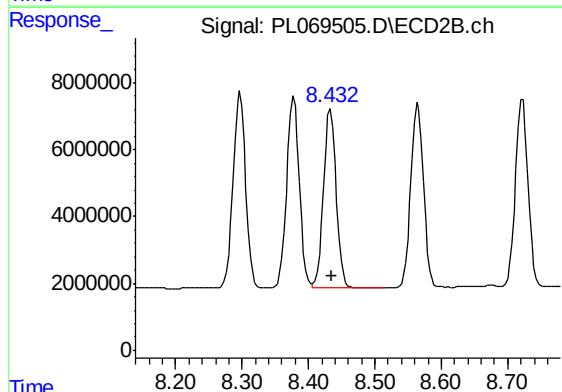
R.T.: 8.028 min  
Delta R.T.: -0.002 min  
Response: 76920794  
Conc: 51.14 ng/ml



#9 Endosulfan I

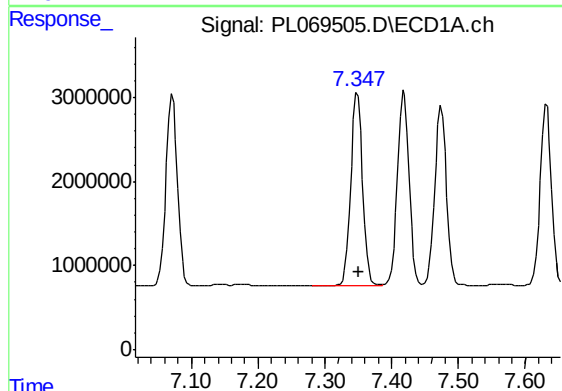
R.T.: 7.475 min  
Delta R.T.: -0.003 min  
Response: 25901830  
Conc: 43.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MS



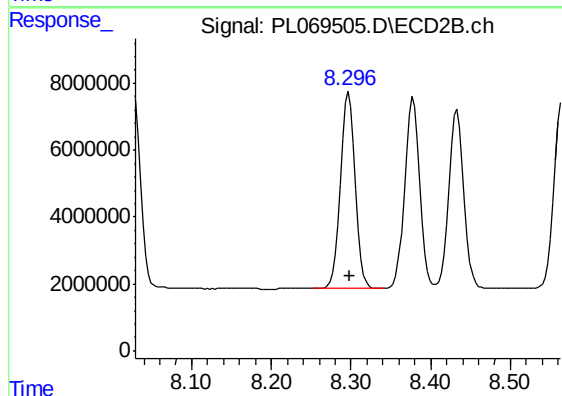
#9 Endosulfan I

R.T.: 8.433 min  
Delta R.T.: -0.002 min  
Response: 71911349  
Conc: 51.99 ng/ml



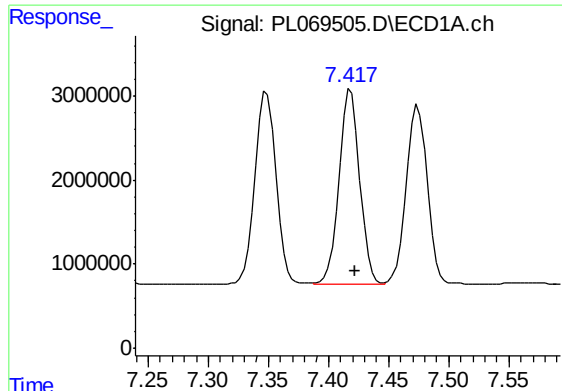
#10 gamma-Chlordane

R.T.: 7.349 min  
Delta R.T.: -0.003 min  
Response: 27911992  
Conc: 43.61 ng/ml



#10 gamma-Chlordane

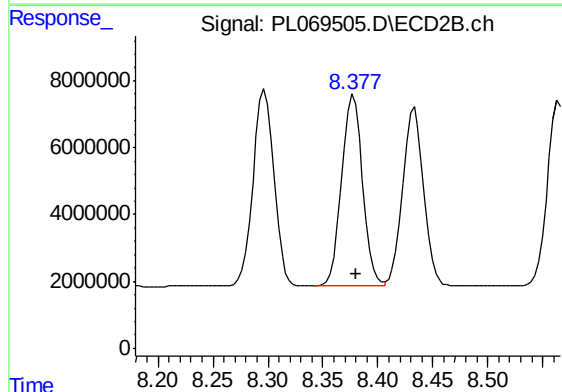
R.T.: 8.297 min  
Delta R.T.: -0.002 min  
Response: 77671151  
Conc: 50.49 ng/ml



#11 alpha-Chlordane

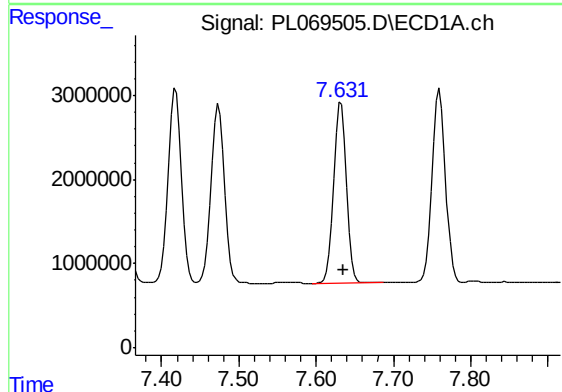
R.T.: 7.419 min  
Delta R.T.: -0.003 min  
Response: 27830100  
Conc: 42.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MS



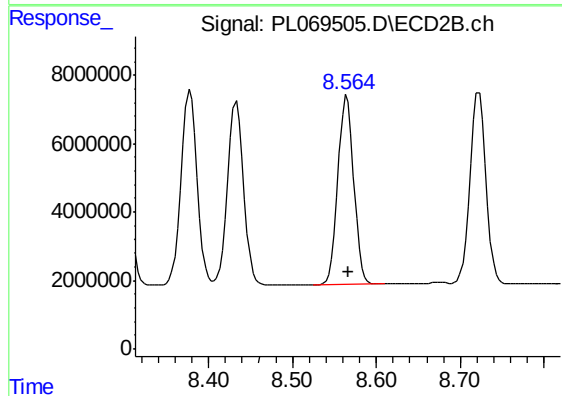
#11 alpha-Chlordane

R.T.: 8.378 min  
Delta R.T.: -0.003 min  
Response: 76038166  
Conc: 50.89 ng/ml



#12 4,4'-DDE

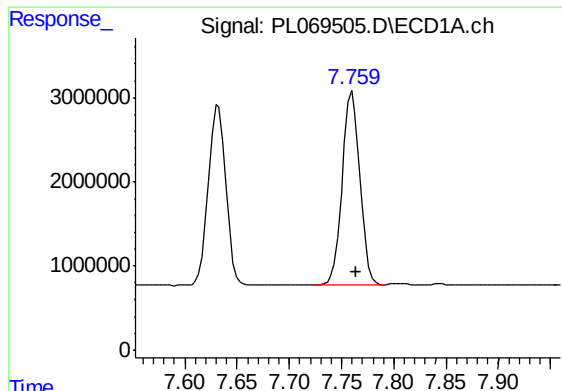
R.T.: 7.632 min  
Delta R.T.: -0.003 min  
Response: 24947733  
Conc: 44.11 ng/ml



#12 4,4'-DDE

R.T.: 8.565 min  
Delta R.T.: -0.003 min  
Response: 72642000  
Conc: 51.93 ng/ml

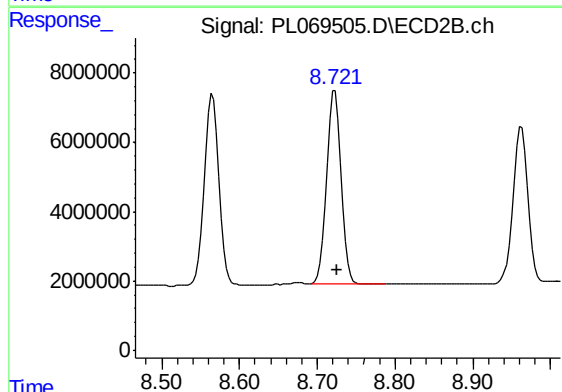




#13 Dielldrin

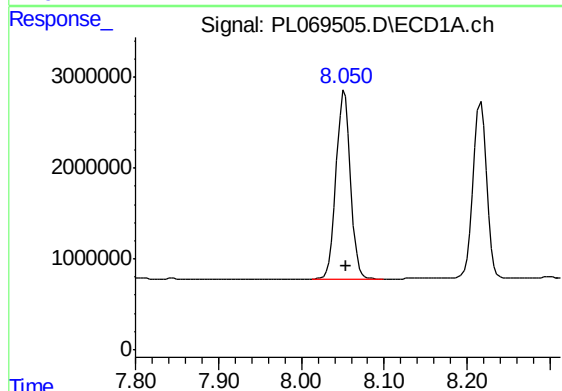
R.T.: 7.760 min  
Delta R.T.: -0.003 min  
Response: 27010687  
Conc: 44.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MS



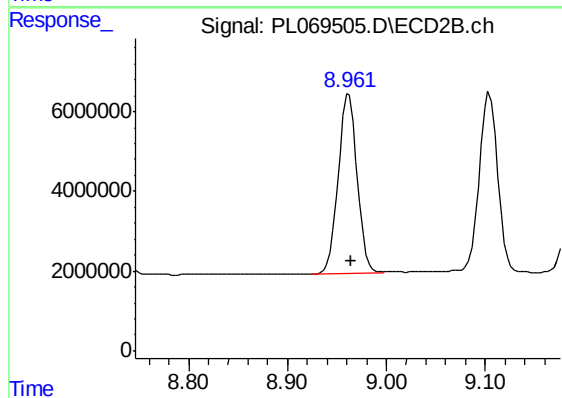
#13 Dielldrin

R.T.: 8.723 min  
Delta R.T.: -0.002 min  
Response: 72845072  
Conc: 51.88 ng/ml



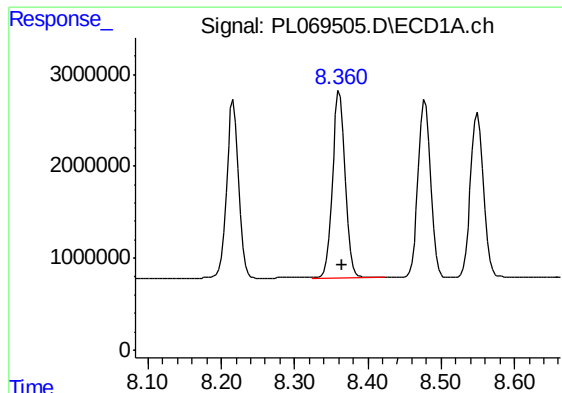
#14 Endrin

R.T.: 8.052 min  
Delta R.T.: -0.003 min  
Response: 24886666  
Conc: 43.09 ng/ml



#14 Endrin

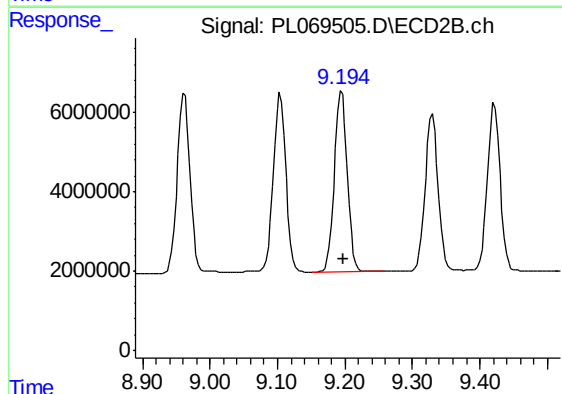
R.T.: 8.962 min  
Delta R.T.: -0.002 min  
Response: 60380858  
Conc: 51.44 ng/ml



#15 Endosulfan II

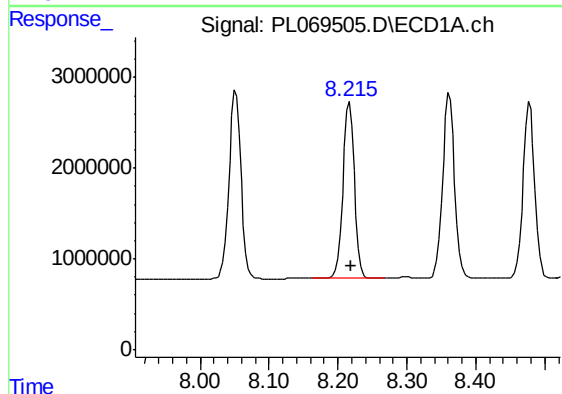
R.T.: 8.362 min  
Delta R.T.: -0.003 min  
Response: 24817268  
Conc: 44.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MS



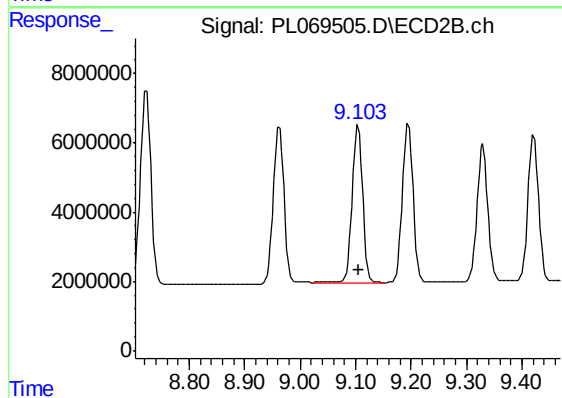
#15 Endosulfan II

R.T.: 9.195 min  
Delta R.T.: -0.002 min  
Response: 60912885  
Conc: 51.48 ng/ml



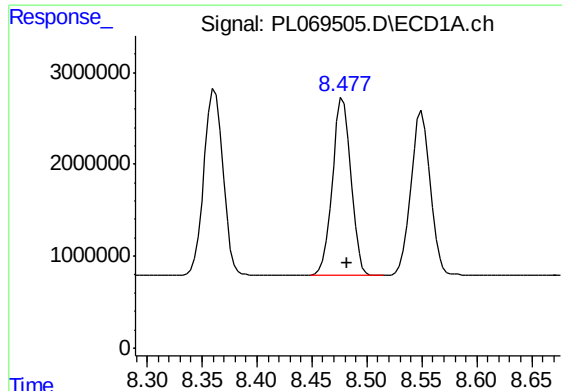
#16 4,4'-DDD

R.T.: 8.217 min  
Delta R.T.: -0.003 min  
Response: 22420234  
Conc: 44.08 ng/ml



#16 4,4'-DDD

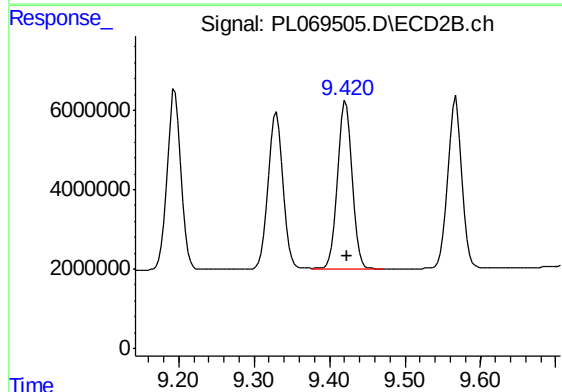
R.T.: 9.104 min  
Delta R.T.: -0.002 min  
Response: 60051463  
Conc: 48.96 ng/ml



#17 4,4'-DDT

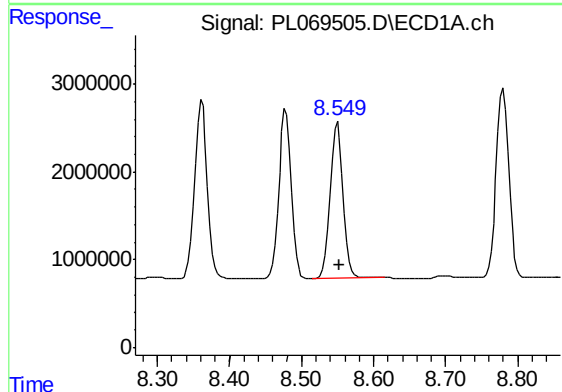
R.T.: 8.478 min  
Delta R.T.: -0.003 min  
Response: 22788556  
Conc: 39.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MS



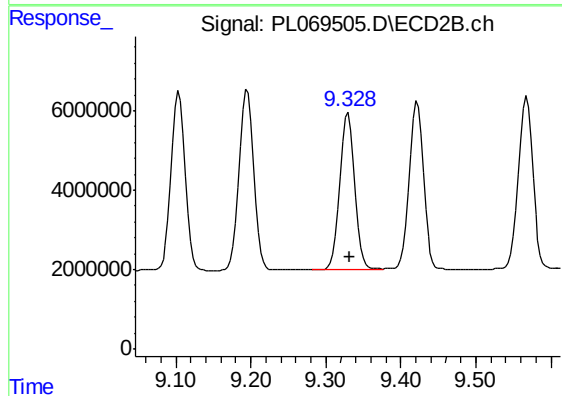
#17 4,4'-DDT

R.T.: 9.422 min  
Delta R.T.: -0.002 min  
Response: 55901190  
Conc: 45.63 ng/ml



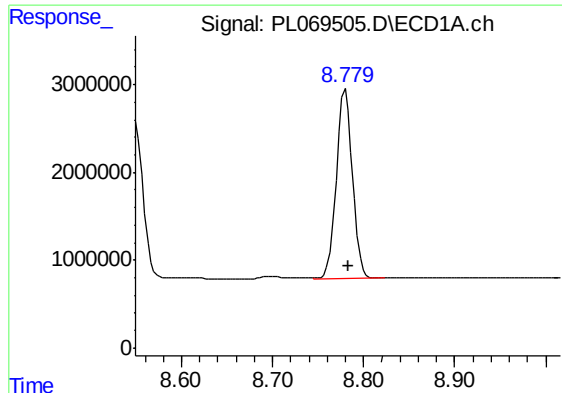
#18 Endrin aldehyde

R.T.: 8.550 min  
Delta R.T.: -0.003 min  
Response: 22118512  
Conc: 48.77 ng/ml



#18 Endrin aldehyde

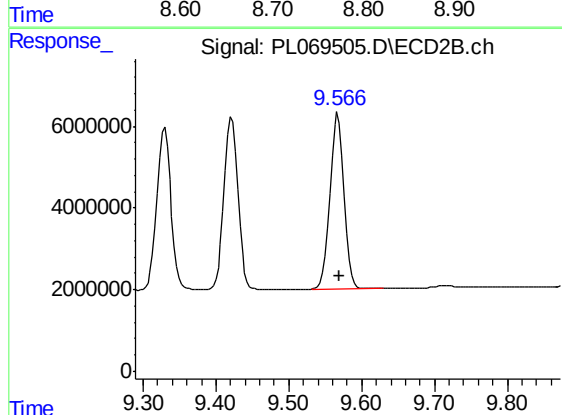
R.T.: 9.330 min  
Delta R.T.: -0.002 min  
Response: 53448463  
Conc: 56.19 ng/ml



#19 Endosulfan Sulfate

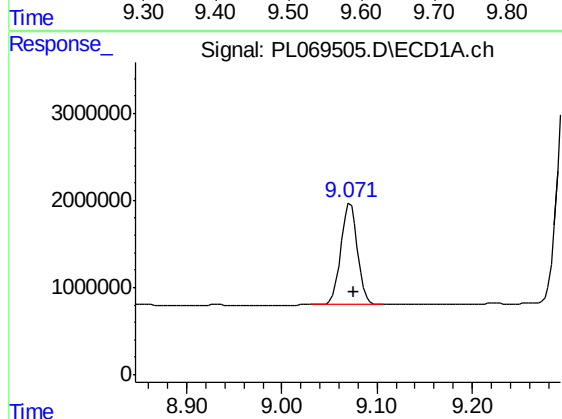
R.T.: 8.780 min  
Delta R.T.: -0.003 min  
Response: 26444944  
Conc: 44.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MS



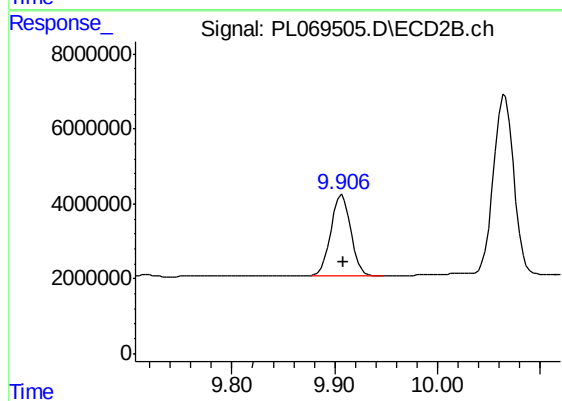
#19 Endosulfan Sulfate

R.T.: 9.568 min  
Delta R.T.: -0.002 min  
Response: 58312210  
Conc: 51.33 ng/ml



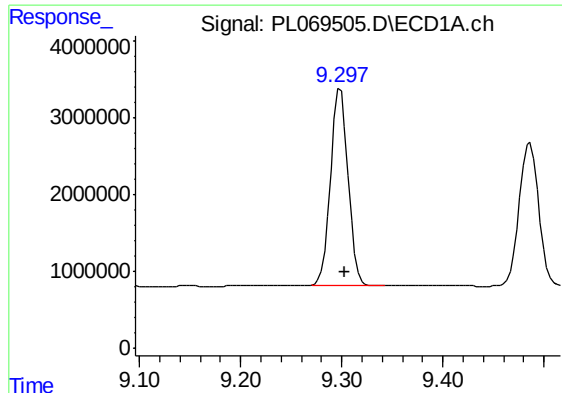
#20 Methoxychlor

R.T.: 9.072 min  
Delta R.T.: -0.003 min  
Response: 14346451  
Conc: 38.30 ng/ml



#20 Methoxychlor

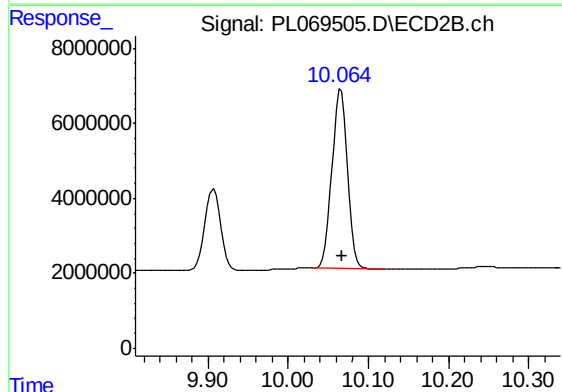
R.T.: 9.907 min  
Delta R.T.: -0.002 min  
Response: 29076374  
Conc: 45.29 ng/ml



#21 Endrin ketone

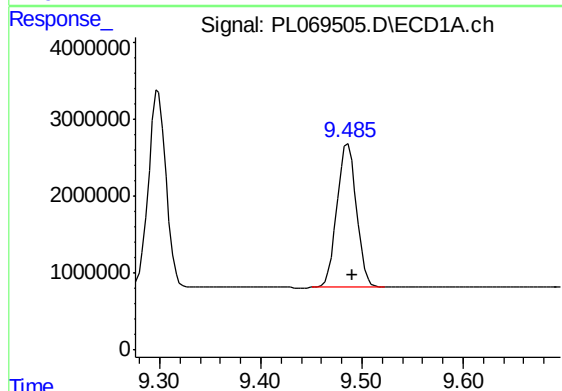
R.T.: 9.299 min  
Delta R.T.: -0.004 min  
Response: 30782591  
Conc: 44.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MS



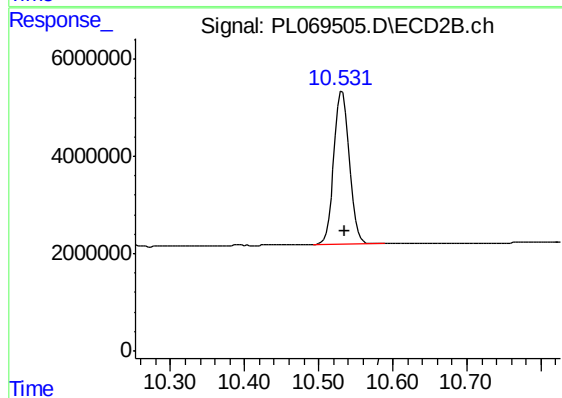
#21 Endrin ketone

R.T.: 10.065 min  
Delta R.T.: -0.002 min  
Response: 64679824  
Conc: 49.99 ng/ml



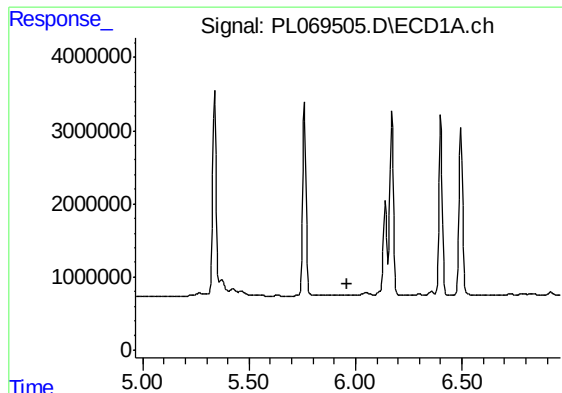
#22 Mirex

R.T.: 9.486 min  
Delta R.T.: -0.004 min  
Response: 24879150  
Conc: 41.83 ng/ml



#22 Mirex

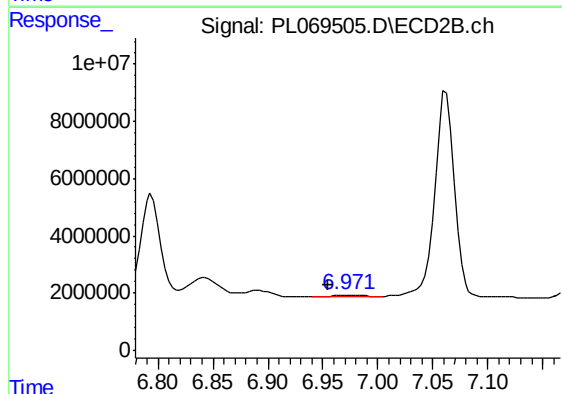
R.T.: 10.532 min  
Delta R.T.: -0.003 min  
Response: 45737113  
Conc: 48.80 ng/ml



#23 Chlordane-1

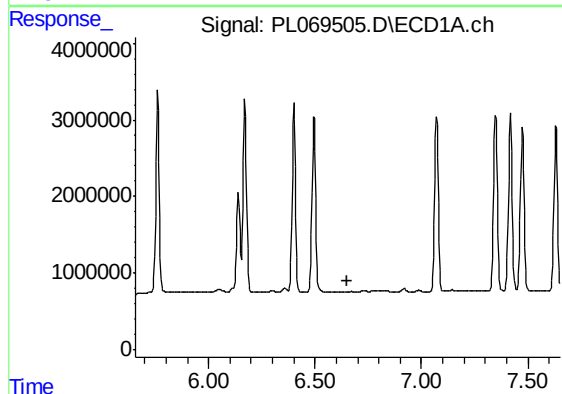
R.T.: 0.000 min  
Exp R.T. : 5.964 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MS



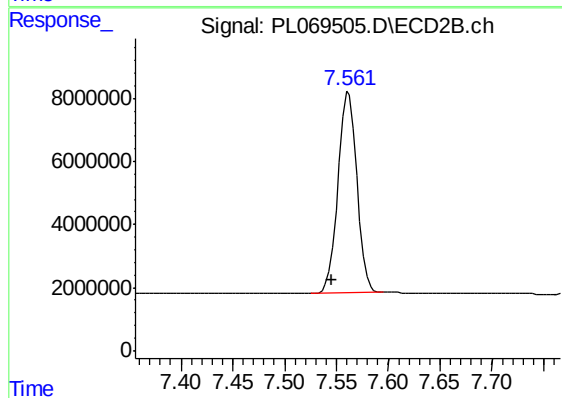
#23 Chlordane-1

R.T.: 6.972 min  
Delta R.T.: 0.018 min  
Response: 1600258  
Conc: 28.27 ng/ml



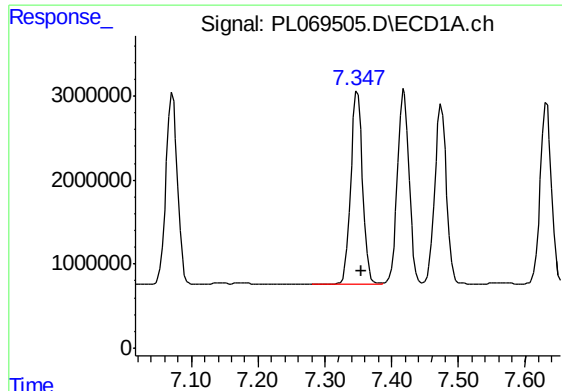
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 6.653 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

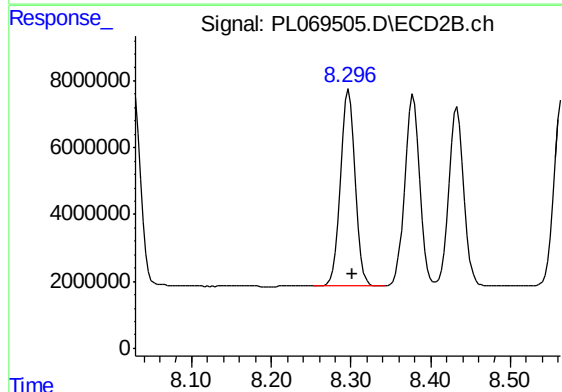
R.T.: 7.562 min  
Delta R.T.: 0.017 min  
Response: 81409450  
Conc: 1421.07 ng/ml



#25 Chlordane-3

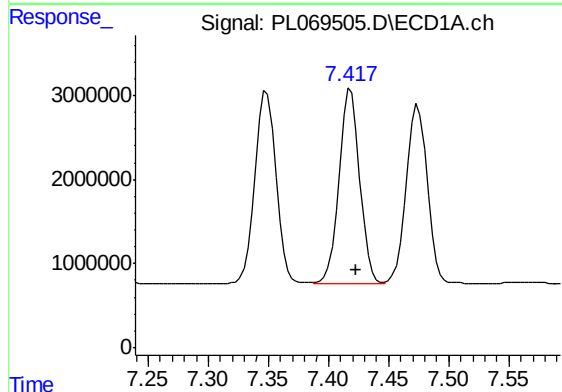
R.T.: 7.349 min  
Delta R.T.: -0.005 min  
Response: 27911992  
Conc: 429.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MS



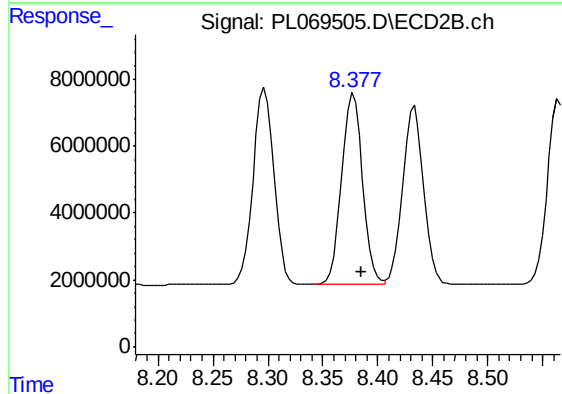
#25 Chlordane-3

R.T.: 8.297 min  
Delta R.T.: -0.005 min  
Response: 77671151  
Conc: 362.70 ng/ml



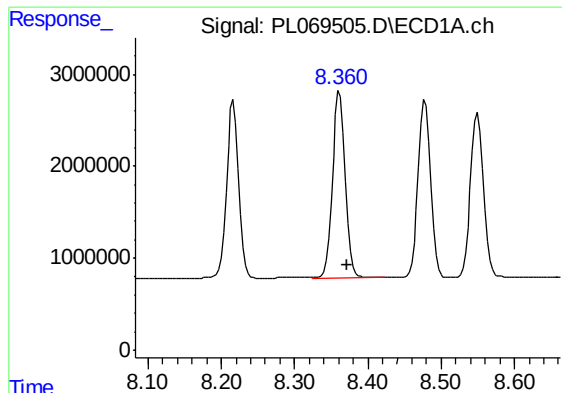
#26 Chlordane-4

R.T.: 7.419 min  
Delta R.T.: -0.004 min  
Response: 27830100  
Conc: 398.82 ng/ml



#26 Chlordane-4

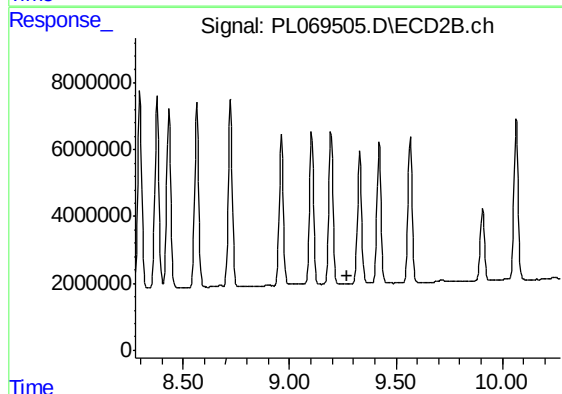
R.T.: 8.378 min  
Delta R.T.: -0.007 min  
Response: 76038166  
Conc: 295.43 ng/ml



#27 Chlordane-5

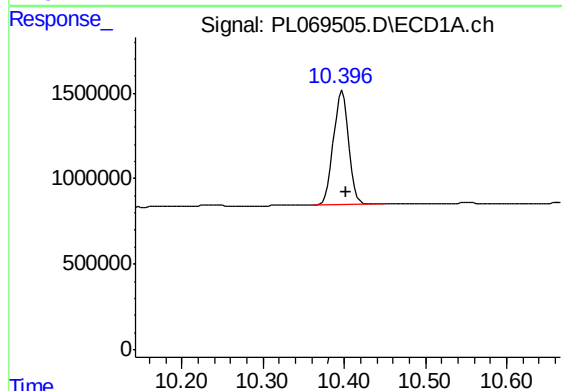
R.T.: 8.362 min  
Delta R.T.: -0.011 min  
Response: 24817268  
Conc: 973.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PT-3-082421MS



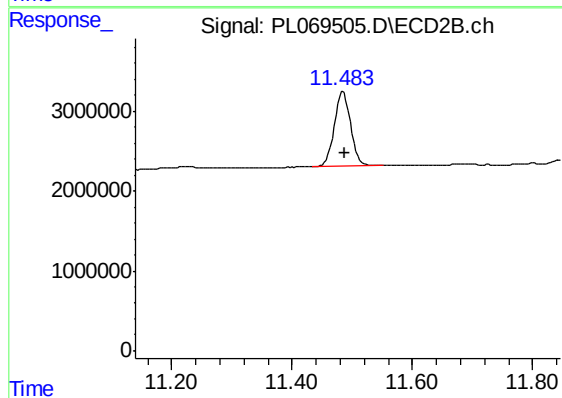
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 9.273 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.397 min  
Delta R.T.: -0.004 min  
Response: 8787865  
Conc: 13.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.485 min  
Delta R.T.: -0.003 min  
Response: 17755735  
Conc: 14.49 ng/ml