

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081021\  
 Data File : PL068859.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Aug 2021 10:02  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 11 01:22:30 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 06 03:02:43 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... | 4.637  | 5.588f  | 21227939 | 57628218 | 51.320   | 56.758    |
| 28)                         | SA Decachlor... | 10.407 | 11.508  | 28362082 | 49163021 | 49.352   | 50.671    |
| Target Compounds            |                 |        |         |          |          |          |           |
| 2)                          | A alpha-BHC     | 5.344  | 6.168f  | 29117101 | 81135964 | 52.639   | 59.579    |
| 3)                          | MA gamma-BHC... | 5.767  | 6.564f  | 28192595 | 76025064 | 51.946   | 58.432    |
| 4)                          | MA Heptachlor   | 6.177  | 7.214f  | 30457491 | 75965251 | 51.857   | 56.586    |
| 5)                          | MB Aldrin       | 6.502  | 7.585f  | 28017774 | 53583396 | 52.393   | 44.396    |
| 6)                          | B beta-BHC      | 6.146  | 6.816f  | 14596964 | 34034709 | 51.781   | 52.535    |
| 7)                          | B delta-BHC     | 6.407  | 7.084f  | 28279647 | 58953547 | 52.706   | 46.795    |
| 8)                          | B Heptachlor... | 7.079  | 8.051f  | 27431981 | 65260210 | 51.470   | 56.451    |
| 9)                          | A Endosulfan I  | 7.481  | 8.456f  | 26051869 | 58438985 | 51.314   | 55.414    |
| 10)                         | B gamma-Chl...  | 7.356  | 8.320f  | 28184965 | 64548859 | 51.429   | 56.362    |
| 11)                         | B alpha-Chl...  | 7.426  | 8.401f  | 28293634 | 63560624 | 51.409   | 55.345    |
| 12)                         | B 4,4'-DDE      | 7.640  | 8.587f  | 25257401 | 58794059 | 52.290   | 55.625    |
| 13)                         | MA Dieldrin     | 7.768  | 8.745f  | 27169197 | 55702403 | 52.521   | 51.403    |
| 14)                         | MA Endrin       | 8.059  | 8.985f  | 25054036 | 49420941 | 51.988   | 54.447    |
| 15)                         | B Endosulfa...  | 8.368  | 9.218f  | 24075728 | 45982709 | 50.189   | 50.135    |
| 16)                         | A 4,4'-DDD      | 8.224  | 9.127f  | 22943776 | 48849868 | 53.457   | 57.168    |
| 17)                         | MA 4,4'-DDT     | 8.486  | 9.444f  | 24217689 | 50016970 | 49.865   | 52.851    |
| 18)                         | B Endrin al...  | 8.557  | 9.352f  | 19796147 | 39331941 | 52.791   | 56.127    |
| 19)                         | B Endosulfa...  | 8.787  | 9.589f  | 25987416 | 47363643 | 50.514   | 51.962    |
| 20)                         | A Methoxychlor  | 9.080  | 9.929f  | 15229214 | 22559205 | 48.649   | 43.350    |
| 21)                         | B Endrin ke...  | 9.307  | 10.088f | 29634113 | 53948138 | 50.653   | 52.980    |
| 22)                         | Mirex           | 9.495  | 10.556f | 25326732 | 38373235 | 50.547   | 48.518    |
| 23)                         | Chlordane-1     | 0.000  | 6.936f  | 0        | 441891   | N.D.     | 10.479 #  |
| 25)                         | Chlordane-3     | 7.356  | 8.320f  | 28184965 | 64548859 | 537.340  | 395.143 # |
| 26)                         | Chlordane-4     | 7.426  | 8.401   | 28293634 | 63560624 | 508.345  | 320.491 # |
| 27)                         | Chlordane-5     | 8.368  | 0.000   | 24075728 | 0        | 1167.517 | N.D. #    |
| -----                       |                 |        |         |          |          |          |           |

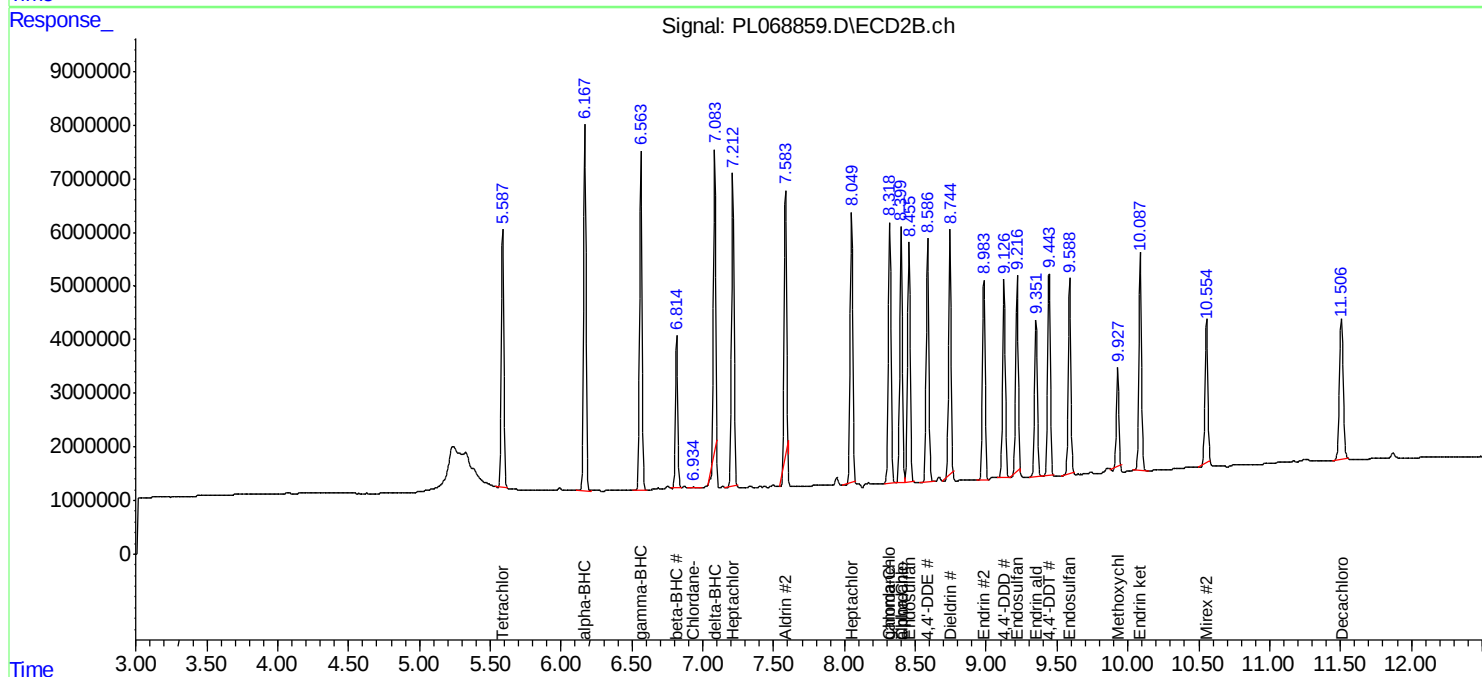
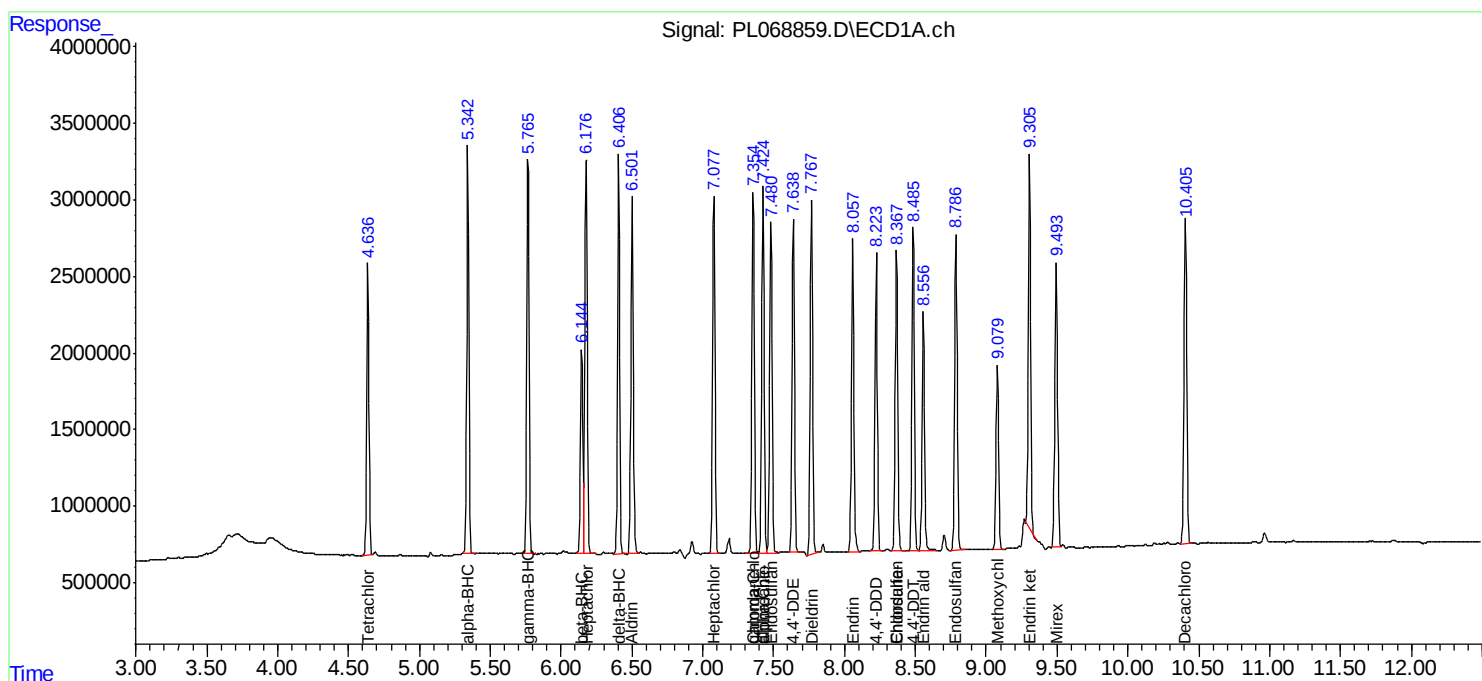
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

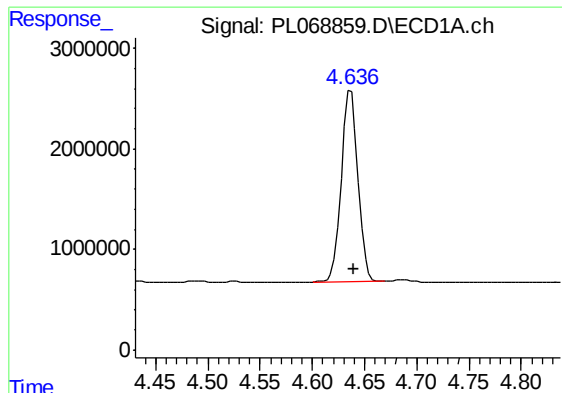
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081021\  
Data File : PL068859.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Aug 2021 10:02  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 11 01:22:30 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080521.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 06 03:02:43 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

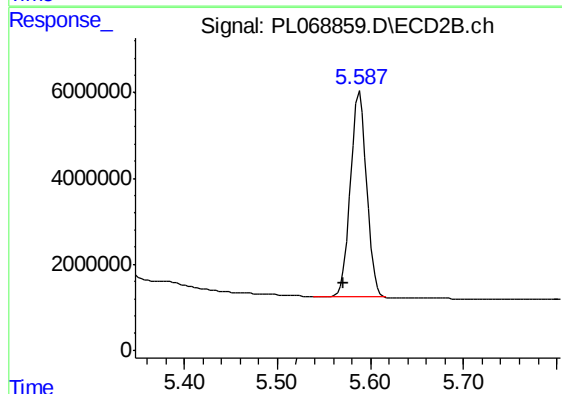




#1 Tetrachloro-m-xylene

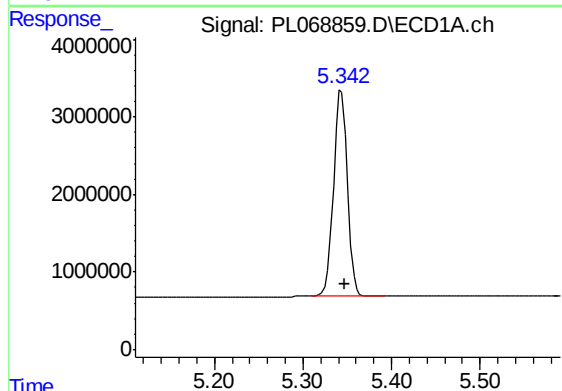
R.T.: 4.637 min  
Delta R.T.: -0.003 min  
Response: 21227939  
Conc: 51.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



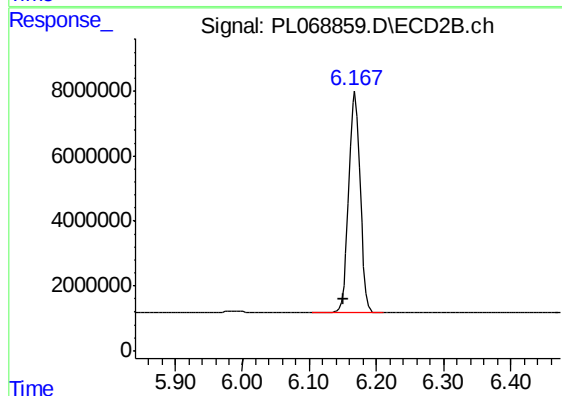
#1 Tetrachloro-m-xylene

R.T.: 5.588 min  
Delta R.T.: 0.017 min  
Response: 57628218  
Conc: 56.76 ng/ml



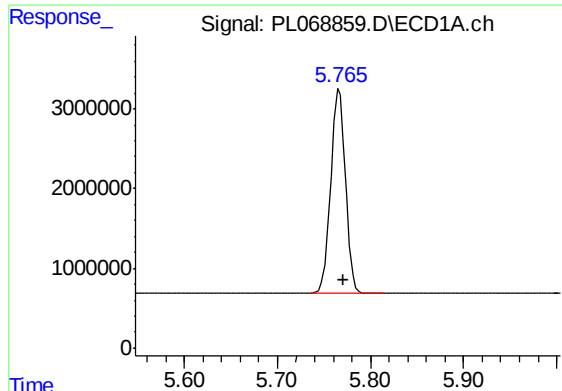
#2 alpha-BHC

R.T.: 5.344 min  
Delta R.T.: -0.003 min  
Response: 29117101  
Conc: 52.64 ng/ml



#2 alpha-BHC

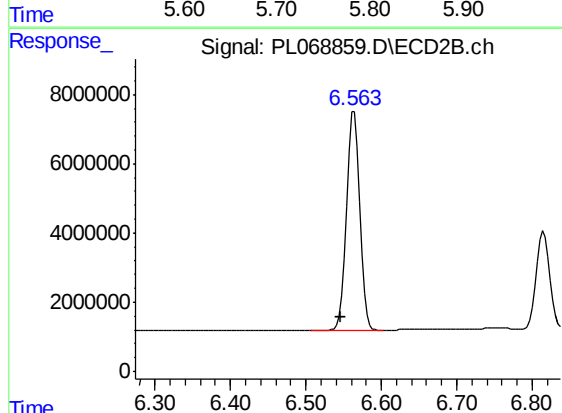
R.T.: 6.168 min  
Delta R.T.: 0.017 min  
Response: 81135964  
Conc: 59.58 ng/ml



#3 gamma-BHC (Lindane)

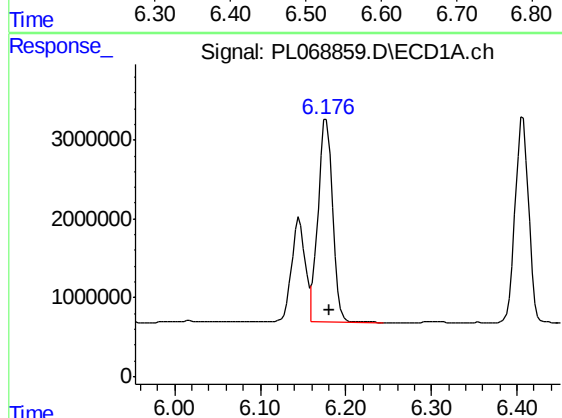
R.T.: 5.767 min  
Delta R.T.: -0.004 min  
Response: 28192595  
Conc: 51.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



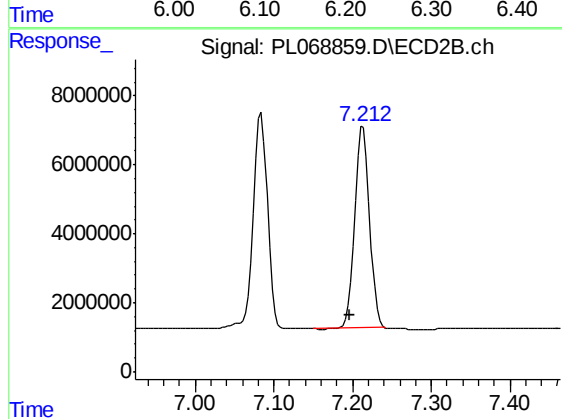
#3 gamma-BHC (Lindane)

R.T.: 6.564 min  
Delta R.T.: 0.017 min  
Response: 76025064  
Conc: 58.43 ng/ml



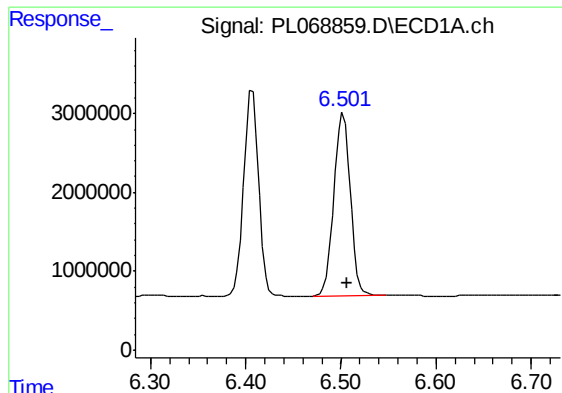
#4 Heptachlor

R.T.: 6.177 min  
Delta R.T.: -0.003 min  
Response: 30457491  
Conc: 51.86 ng/ml



#4 Heptachlor

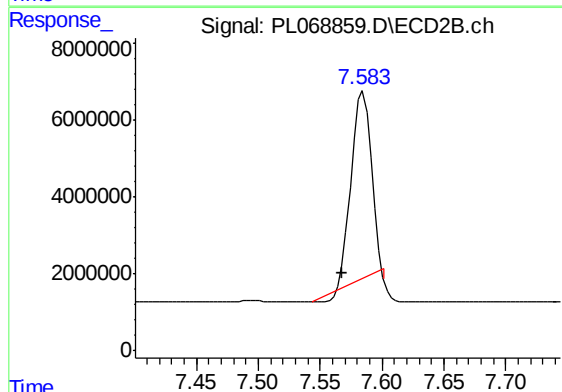
R.T.: 7.214 min  
Delta R.T.: 0.016 min  
Response: 75965251  
Conc: 56.59 ng/ml



#5 Aldrin

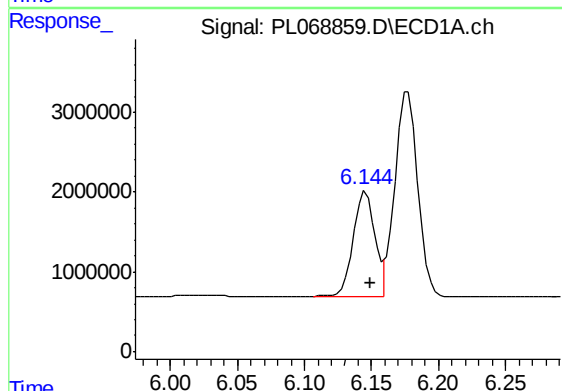
R.T.: 6.502 min  
Delta R.T.: -0.005 min  
Response: 28017774  
Conc: 52.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



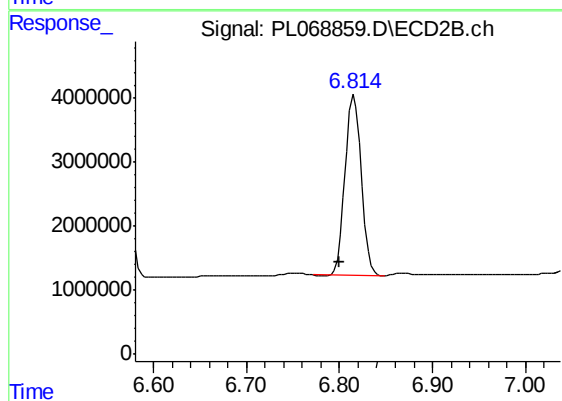
#5 Aldrin

R.T.: 7.585 min  
Delta R.T.: 0.017 min  
Response: 53583396  
Conc: 44.40 ng/ml



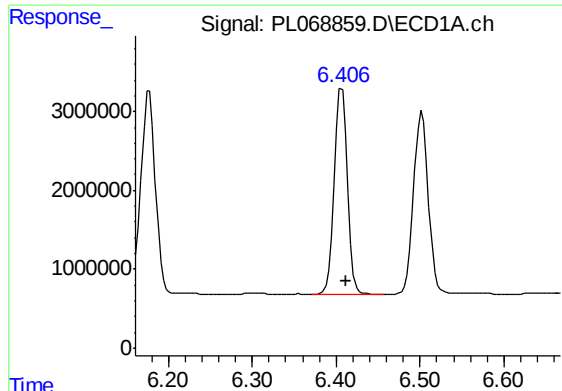
#6 beta-BHC

R.T.: 6.146 min  
Delta R.T.: -0.003 min  
Response: 14596964  
Conc: 51.78 ng/ml



#6 beta-BHC

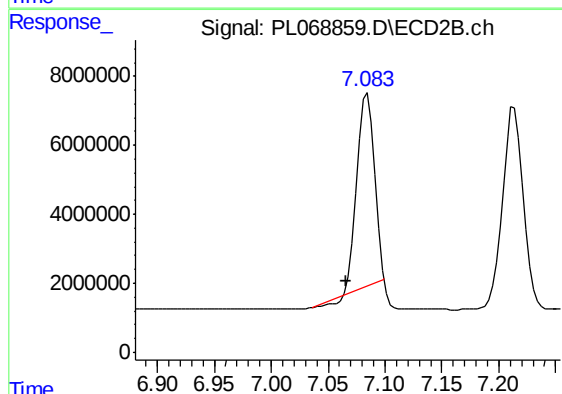
R.T.: 6.816 min  
Delta R.T.: 0.016 min  
Response: 34034709  
Conc: 52.54 ng/ml



#7 delta-BHC

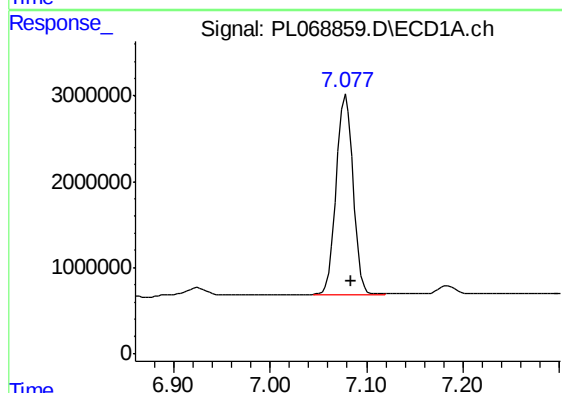
R.T.: 6.407 min  
Delta R.T.: -0.004 min  
Response: 28279647  
Conc: 52.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



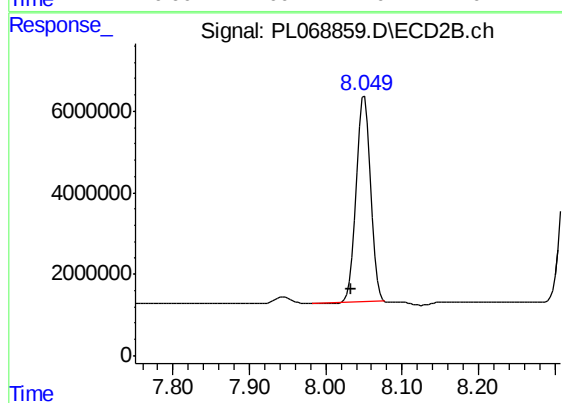
#7 delta-BHC

R.T.: 7.084 min  
Delta R.T.: 0.018 min  
Response: 58953547  
Conc: 46.80 ng/ml



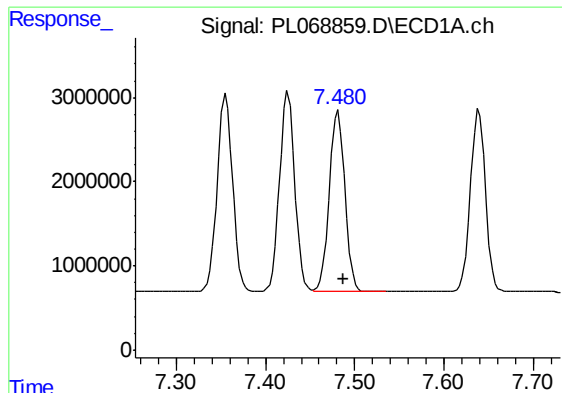
#8 Heptachlor epoxide

R.T.: 7.079 min  
Delta R.T.: -0.006 min  
Response: 27431981  
Conc: 51.47 ng/ml



#8 Heptachlor epoxide

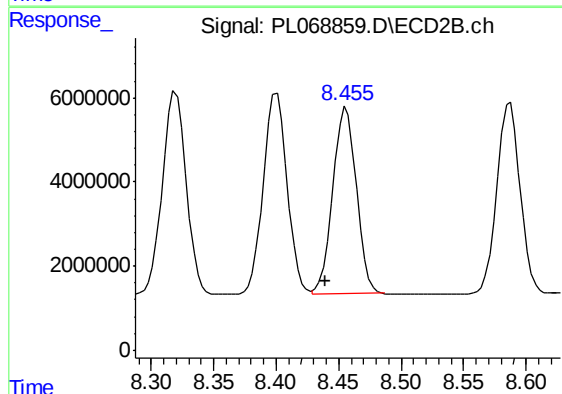
R.T.: 8.051 min  
Delta R.T.: 0.017 min  
Response: 65260210  
Conc: 56.45 ng/ml



#9 Endosulfan I

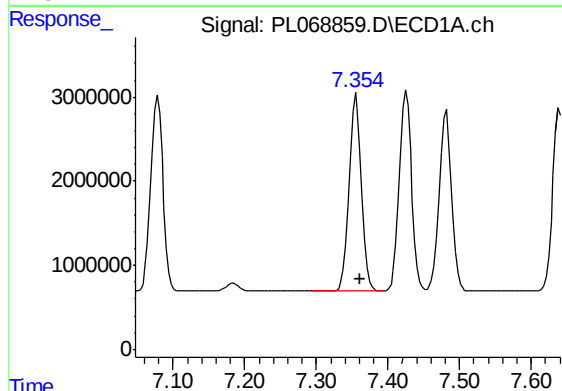
R.T.: 7.481 min  
Delta R.T.: -0.006 min  
Response: 26051869  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



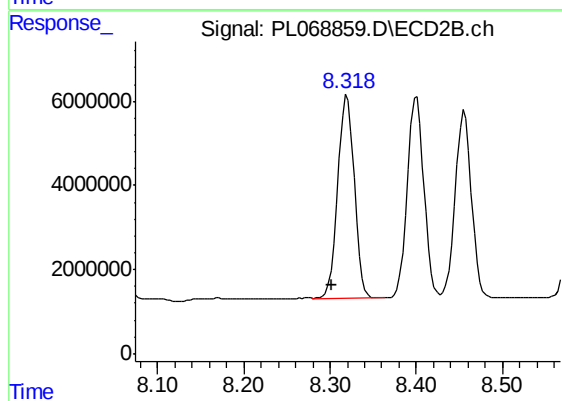
#9 Endosulfan I

R.T.: 8.456 min  
Delta R.T.: 0.016 min  
Response: 58438985  
Conc: 55.41 ng/ml



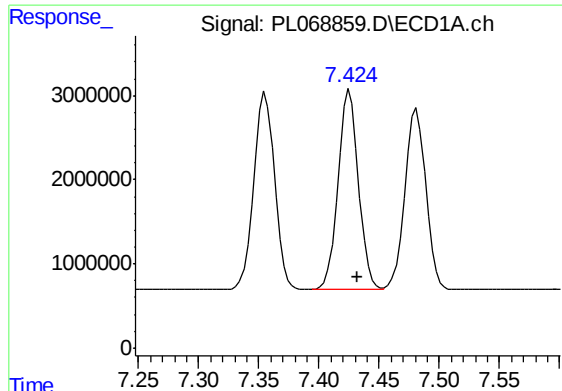
#10 gamma-Chlordane

R.T.: 7.356 min  
Delta R.T.: -0.005 min  
Response: 28184965  
Conc: 51.43 ng/ml



#10 gamma-Chlordane

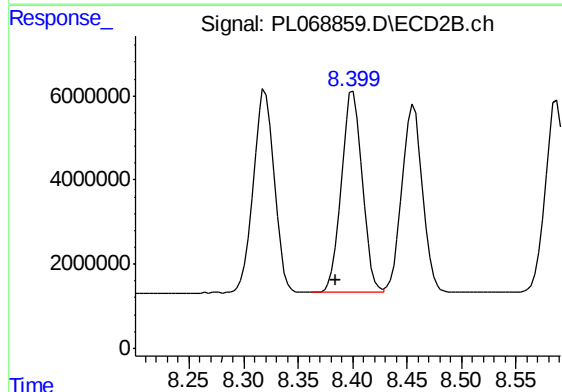
R.T.: 8.320 min  
Delta R.T.: 0.017 min  
Response: 64548859  
Conc: 56.36 ng/ml



#11 alpha-Chlordane

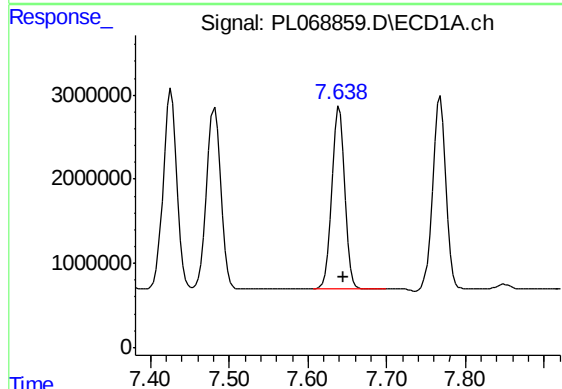
R.T.: 7.426 min  
Delta R.T.: -0.006 min  
Response: 28293634  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



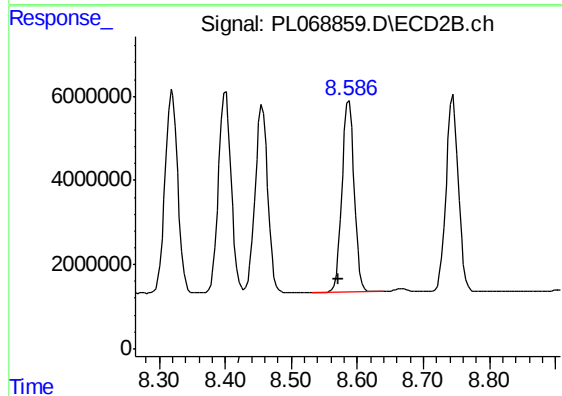
#11 alpha-Chlordane

R.T.: 8.401 min  
Delta R.T.: 0.016 min  
Response: 63560624  
Conc: 55.35 ng/ml



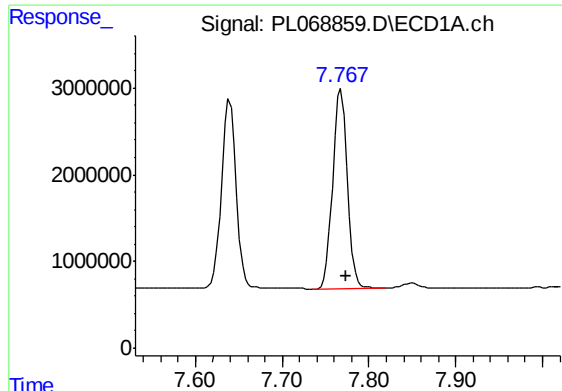
#12 4,4'-DDE

R.T.: 7.640 min  
Delta R.T.: -0.005 min  
Response: 25257401  
Conc: 52.29 ng/ml



#12 4,4'-DDE

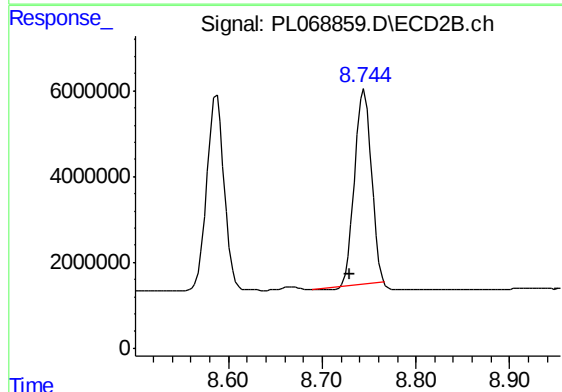
R.T.: 8.587 min  
Delta R.T.: 0.016 min  
Response: 58794059  
Conc: 55.62 ng/ml



#13 Dielddrin

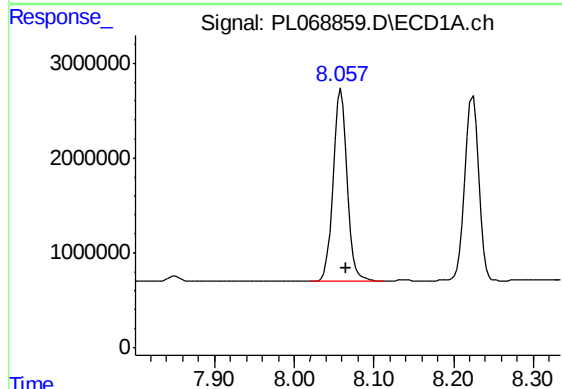
R.T.: 7.768 min  
Delta R.T.: -0.006 min  
Response: 27169197  
Conc: 52.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



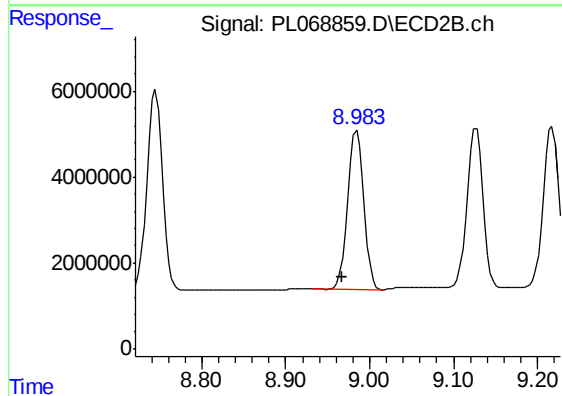
#13 Dielddrin

R.T.: 8.745 min  
Delta R.T.: 0.016 min  
Response: 55702403  
Conc: 51.40 ng/ml



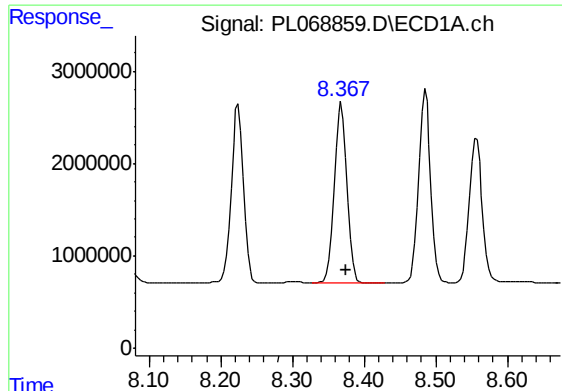
#14 Endrin

R.T.: 8.059 min  
Delta R.T.: -0.006 min  
Response: 25054036  
Conc: 51.99 ng/ml



#14 Endrin

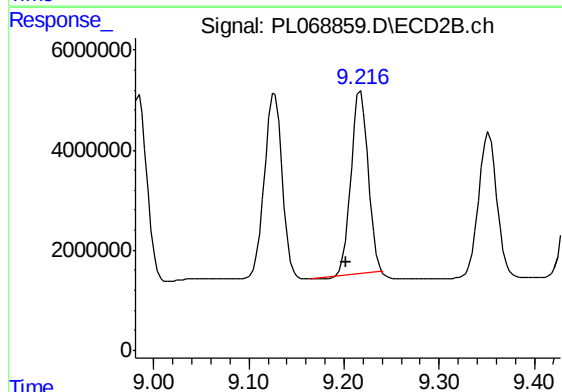
R.T.: 8.985 min  
Delta R.T.: 0.017 min  
Response: 49420941  
Conc: 54.45 ng/ml



#15 Endosulfan II

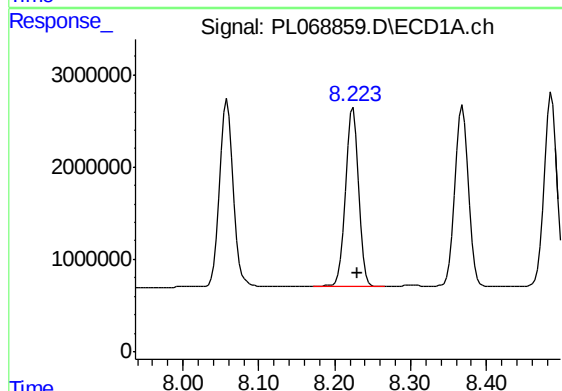
R.T.: 8.368 min  
Delta R.T.: -0.006 min  
Response: 24075728  
Conc: 50.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



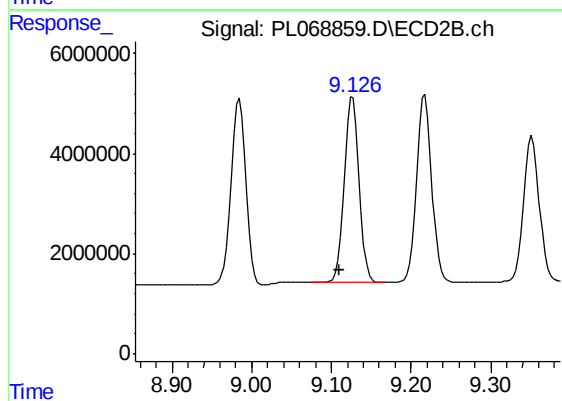
#15 Endosulfan II

R.T.: 9.218 min  
Delta R.T.: 0.016 min  
Response: 45982709  
Conc: 50.13 ng/ml



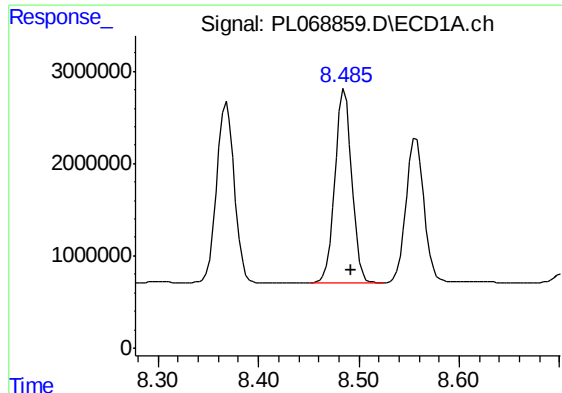
#16 4,4'-DDD

R.T.: 8.224 min  
Delta R.T.: -0.006 min  
Response: 22943776  
Conc: 53.46 ng/ml



#16 4,4'-DDD

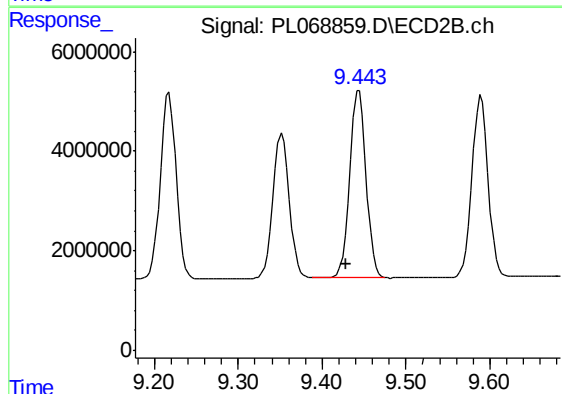
R.T.: 9.127 min  
Delta R.T.: 0.017 min  
Response: 48849868  
Conc: 57.17 ng/ml



#17 4,4'-DDT

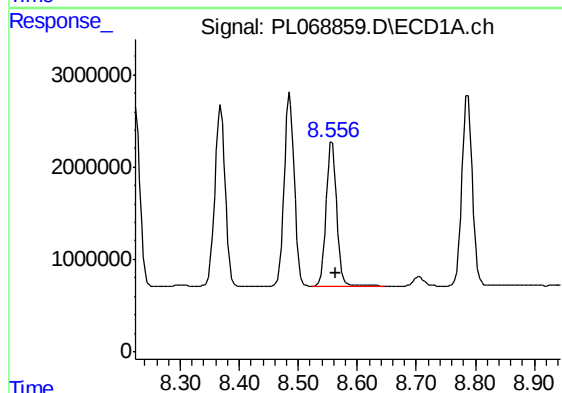
R.T.: 8.486 min  
Delta R.T.: -0.006 min  
Response: 24217689  
Conc: 49.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



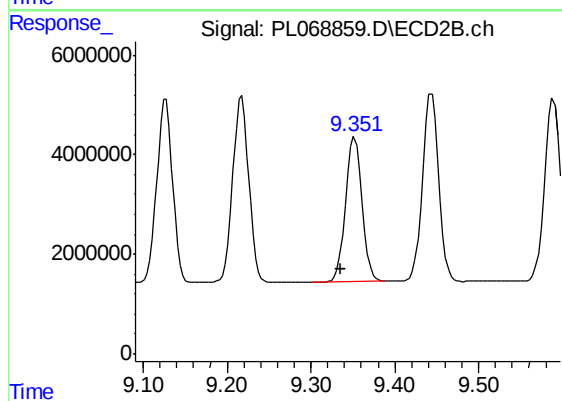
#17 4,4'-DDT

R.T.: 9.444 min  
Delta R.T.: 0.016 min  
Response: 50016970  
Conc: 52.85 ng/ml



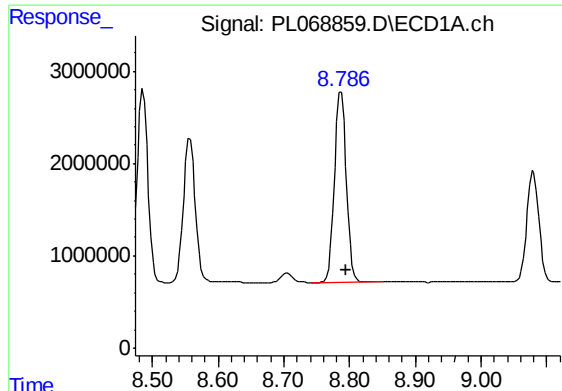
#18 Endrin aldehyde

R.T.: 8.557 min  
Delta R.T.: -0.007 min  
Response: 19796147  
Conc: 52.79 ng/ml



#18 Endrin aldehyde

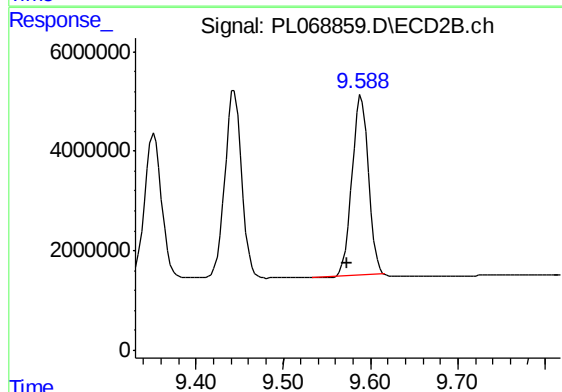
R.T.: 9.352 min  
Delta R.T.: 0.016 min  
Response: 39331941  
Conc: 56.13 ng/ml



#19 Endosulfan Sulfate

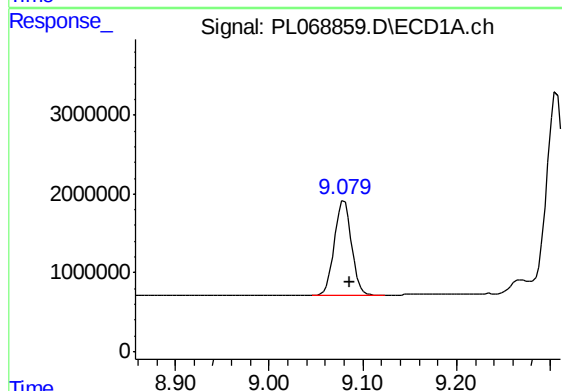
R.T.: 8.787 min  
Delta R.T.: -0.007 min  
Response: 25987416  
Conc: 50.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



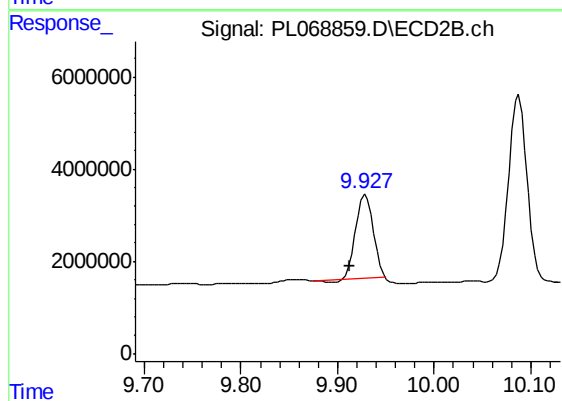
#19 Endosulfan Sulfate

R.T.: 9.589 min  
Delta R.T.: 0.016 min  
Response: 47363643  
Conc: 51.96 ng/ml



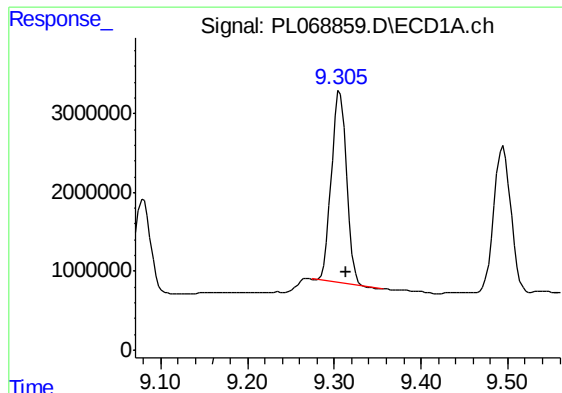
#20 Methoxychlor

R.T.: 9.080 min  
Delta R.T.: -0.007 min  
Response: 15229214  
Conc: 48.65 ng/ml



#20 Methoxychlor

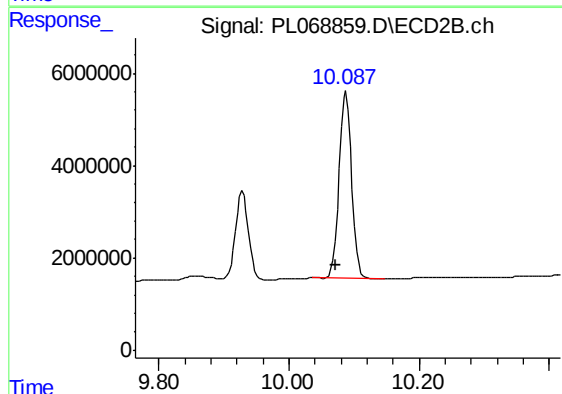
R.T.: 9.929 min  
Delta R.T.: 0.016 min  
Response: 22559205  
Conc: 43.35 ng/ml



#21 Endrin ketone

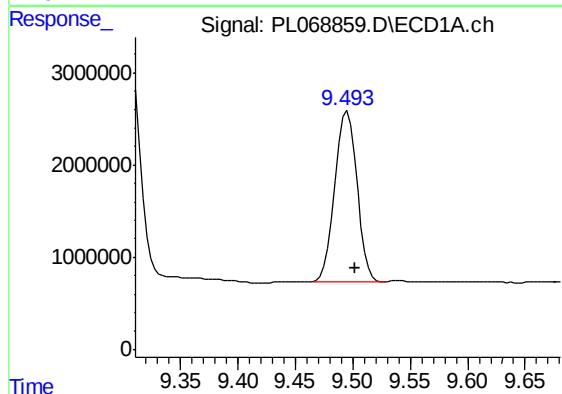
R.T.: 9.307 min  
Delta R.T.: -0.006 min  
Response: 29634113  
Conc: 50.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



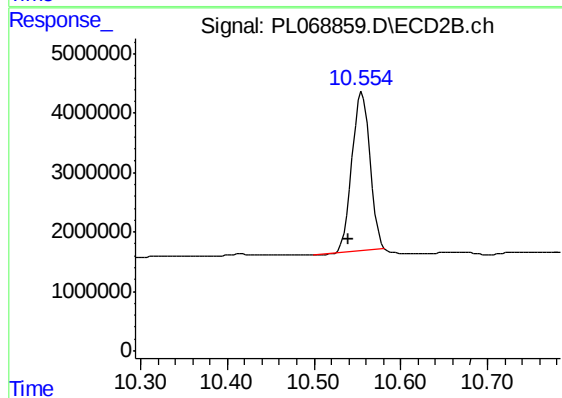
#21 Endrin ketone

R.T.: 10.088 min  
Delta R.T.: 0.015 min  
Response: 53948138  
Conc: 52.98 ng/ml



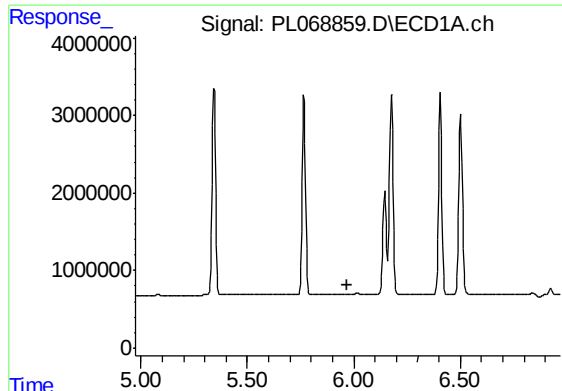
#22 Mirex

R.T.: 9.495 min  
Delta R.T.: -0.007 min  
Response: 25326732  
Conc: 50.55 ng/ml



#22 Mirex

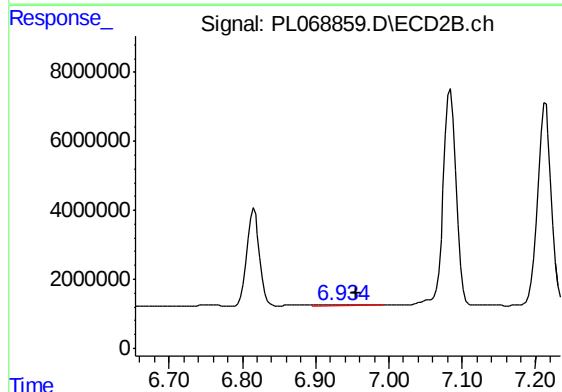
R.T.: 10.556 min  
Delta R.T.: 0.015 min  
Response: 38373235  
Conc: 48.52 ng/ml



#23 Chlordane-1

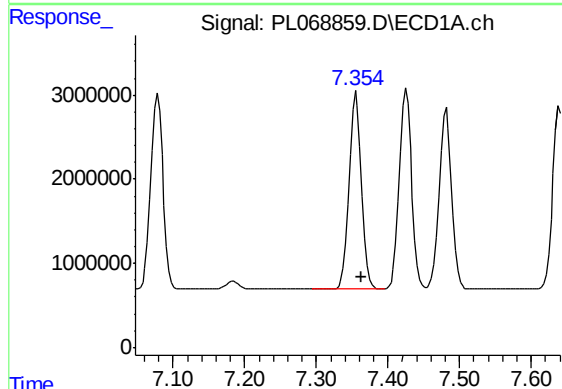
R.T.: 0.000 min  
Exp R.T.: 5.971 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



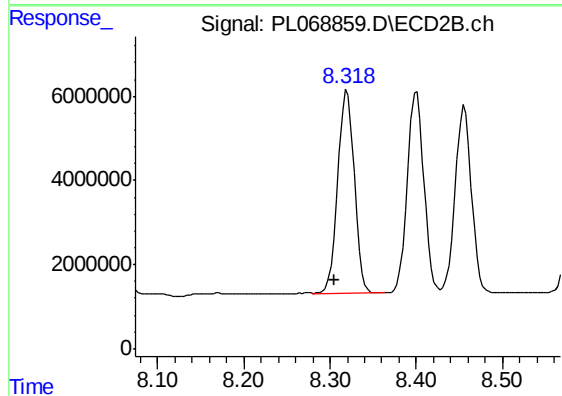
#23 Chlordane-1

R.T.: 6.936 min  
Delta R.T.: -0.020 min  
Response: 441891  
Conc: 10.48 ng/ml



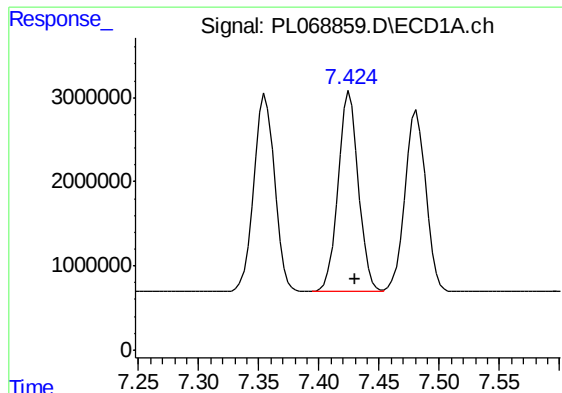
#25 Chlordane-3

R.T.: 7.356 min  
Delta R.T.: -0.006 min  
Response: 28184965  
Conc: 537.34 ng/ml



#25 Chlordane-3

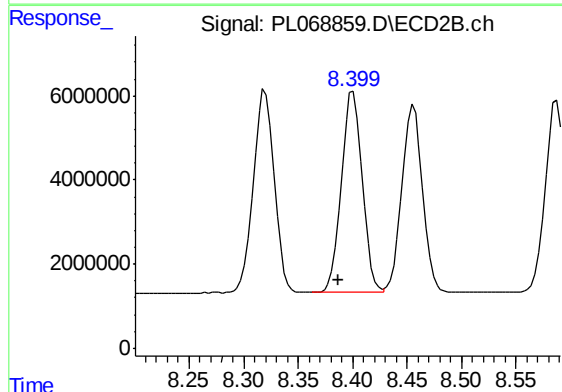
R.T.: 8.320 min  
Delta R.T.: 0.015 min  
Response: 64548859  
Conc: 395.14 ng/ml



#26 Chlordane-4

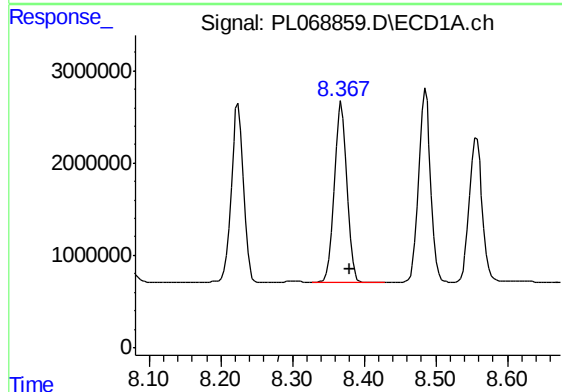
R.T.: 7.426 min  
Delta R.T.: -0.005 min  
Response: 28293634  
Conc: 508.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



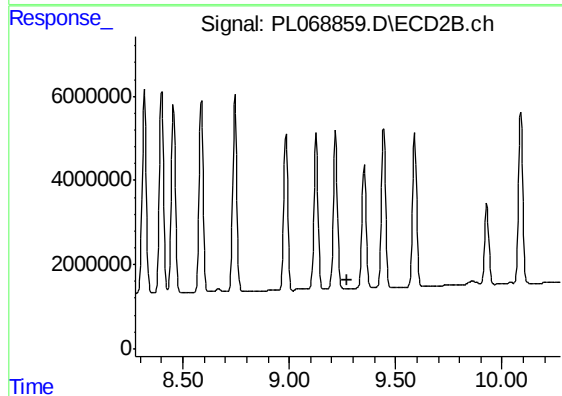
#26 Chlordane-4

R.T.: 8.401 min  
Delta R.T.: 0.014 min  
Response: 63560624  
Conc: 320.49 ng/ml



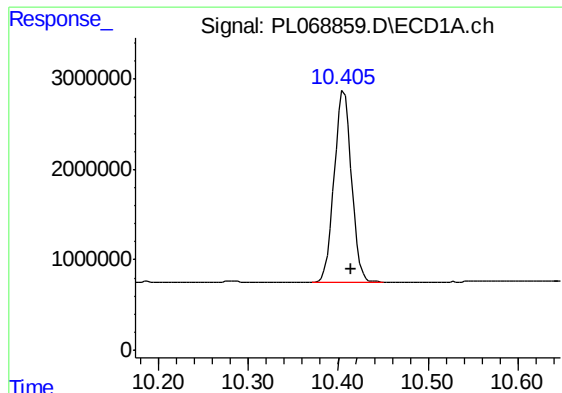
#27 Chlordane-5

R.T.: 8.368 min  
Delta R.T.: -0.012 min  
Response: 24075728  
Conc: 1167.52 ng/ml



#27 Chlordane-5

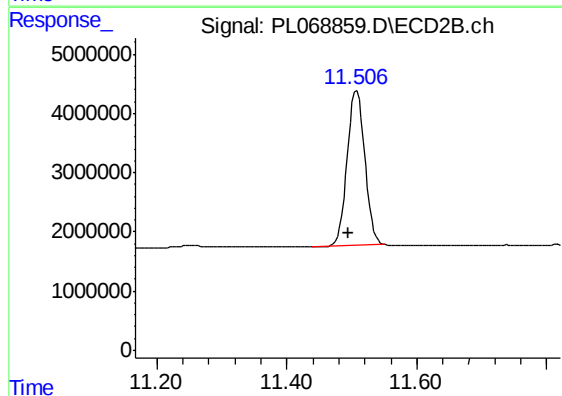
R.T.: 0.000 min  
Exp R.T. : 9.274 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.407 min  
Delta R.T.: -0.007 min  
Response: 28362082  
Conc: 49.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 11.508 min  
Delta R.T.: 0.013 min  
Response: 49163021  
Conc: 50.67 ng/ml