

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062321\  
 Data File : PL067755.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jun 2021 14:40  
 Operator : AR\AJ  
 Sample : M2815-01MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 24 01:46:57 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061021.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 11 02:00:12 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... | 4.479  | 5.529  | 6354700  | 11181628 | 11.559   | 11.861     |
| 28)                         | SA Decachlor... | 10.220 | 11.427 | 7158138  | 11175106 | 10.101   | 11.219     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.178  | 6.110  | 41743892 | 67530958 | 56.756   | 54.616     |
| 3)                          | MA gamma-BHC... | 5.598  | 6.506  | 39406348 | 63715537 | 52.582   | 54.044     |
| 4)                          | MA Heptachlor   | 6.009  | 7.153  | 39416346 | 60147370 | 52.255   | 53.933     |
| 5)                          | MB Aldrin       | 6.330  | 7.524  | 38021940 | 54028040 | 51.675   | 49.917     |
| 6)                          | B beta-BHC      | 5.981  | 6.761  | 18505461 | 30008548 | 51.719   | 55.263     |
| 7)                          | B delta-BHC     | 6.238  | 7.027  | 40181887 | 63696729 | 54.404   | 54.186     |
| 8)                          | B Heptachlo...  | 6.904  | 7.990  | 35390702 | 52469756 | 50.582   | 52.377     |
| 9)                          | A Endosulfan I  | 7.303  | 8.395  | 33967201 | 45411768 | 50.526   | 49.732     |
| 10)                         | B gamma-Chl...  | 7.182  | 8.259  | 38000109 | 53530477 | 52.413   | 53.018     |
| 11)                         | B alpha-Chl...  | 7.251  | 8.340  | 37576996 | 49307228 | 51.326   | 48.838     |
| 12)                         | B 4,4'-DDE      | 7.469  | 8.528  | 33583071 | 46199920 | 50.477   | 50.997     |
| 13)                         | MA Dieldrin     | 7.588  | 8.684  | 36767720 | 47831486 | 52.450   | 52.665     |
| 14)                         | MA Endrin       | 7.874  | 8.923  | 35811081 | 43320219 | 54.619   | 56.635     |
| 15)                         | B Endosulfa...  | 8.185  | 9.157  | 32774290 | 41626148 | 53.216   | 52.209     |
| 16)                         | A 4,4'-DDD      | 8.051  | 9.068  | 29065353 | 40275592 | 50.003   | 56.630     |
| 17)                         | MA 4,4'-DDT     | 8.309  | 9.385  | 31967622 | 35384421 | 54.938   | 48.264     |
| 18)                         | B Endrin al...  | 8.372  | 9.291  | 28173620 | 36192956 | 55.649   | 56.673     |
| 19)                         | B Endosulfa...  | 8.604  | 9.529  | 32809265 | 41546786 | 51.684   | 52.314     |
| 20)                         | A Methoxychlor  | 8.904  | 9.871  | 18644738 | 21512828 | 52.451   | 55.331     |
| 21)                         | B Endrin ke...  | 9.114  | 10.026 | 37875761 | 49285722 | 49.748   | 54.377     |
| 22)                         | Mirex           | 9.301  | 10.491 | 30191046 | 38240666 | 47.939   | 50.583     |
| 24)                         | Chlordane-2     | 6.462f | 7.524f | 286210   | 54028040 | 10.688   | 1482.406 # |
| 25)                         | Chlordane-3     | 7.182  | 8.259  | 38000109 | 53530477 | 565.557  | 399.965 #  |
| 26)                         | Chlordane-4     | 7.251  | 8.340  | 37576996 | 49307228 | 514.199  | 304.177 #  |
| 27)                         | Chlordane-5     | 8.185  | 9.197f | 32774290 | 1678312  | 1497.974 | 57.718 #   |
| -----                       |                 |        |        |          |          |          |            |

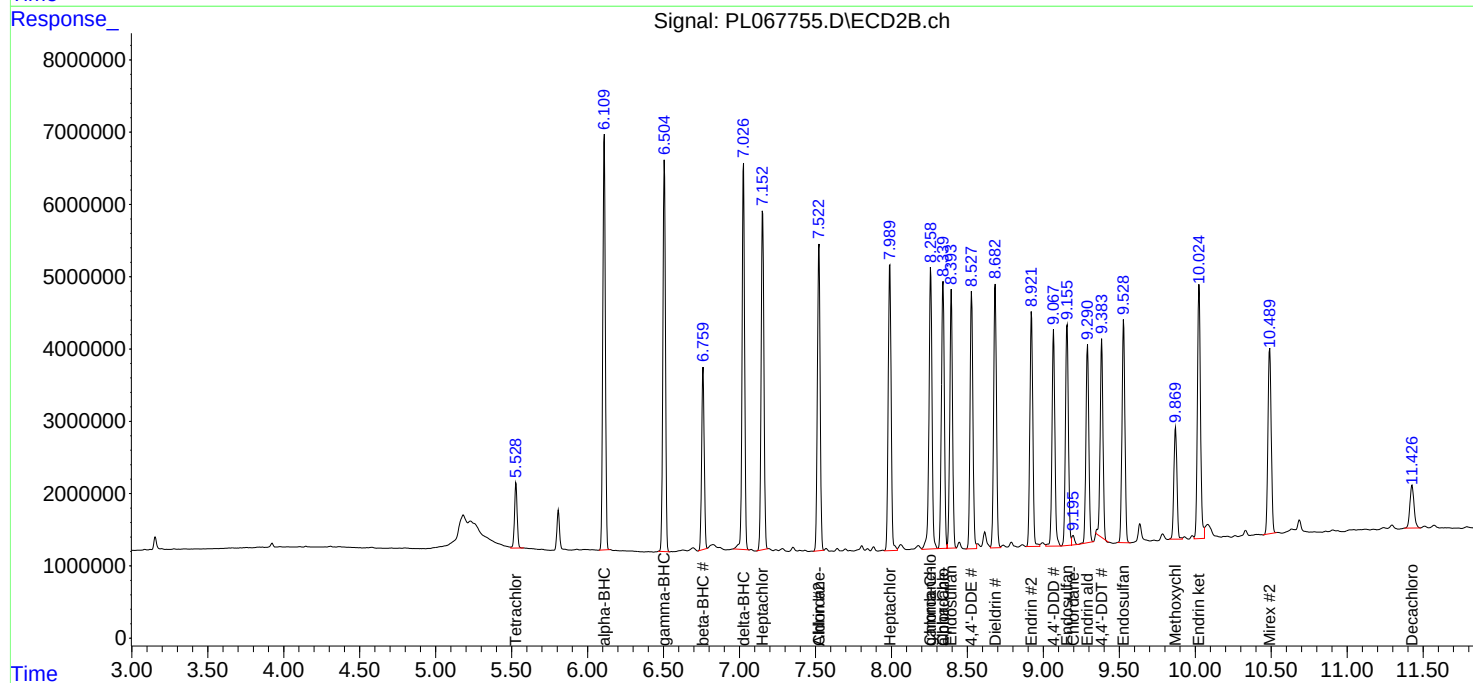
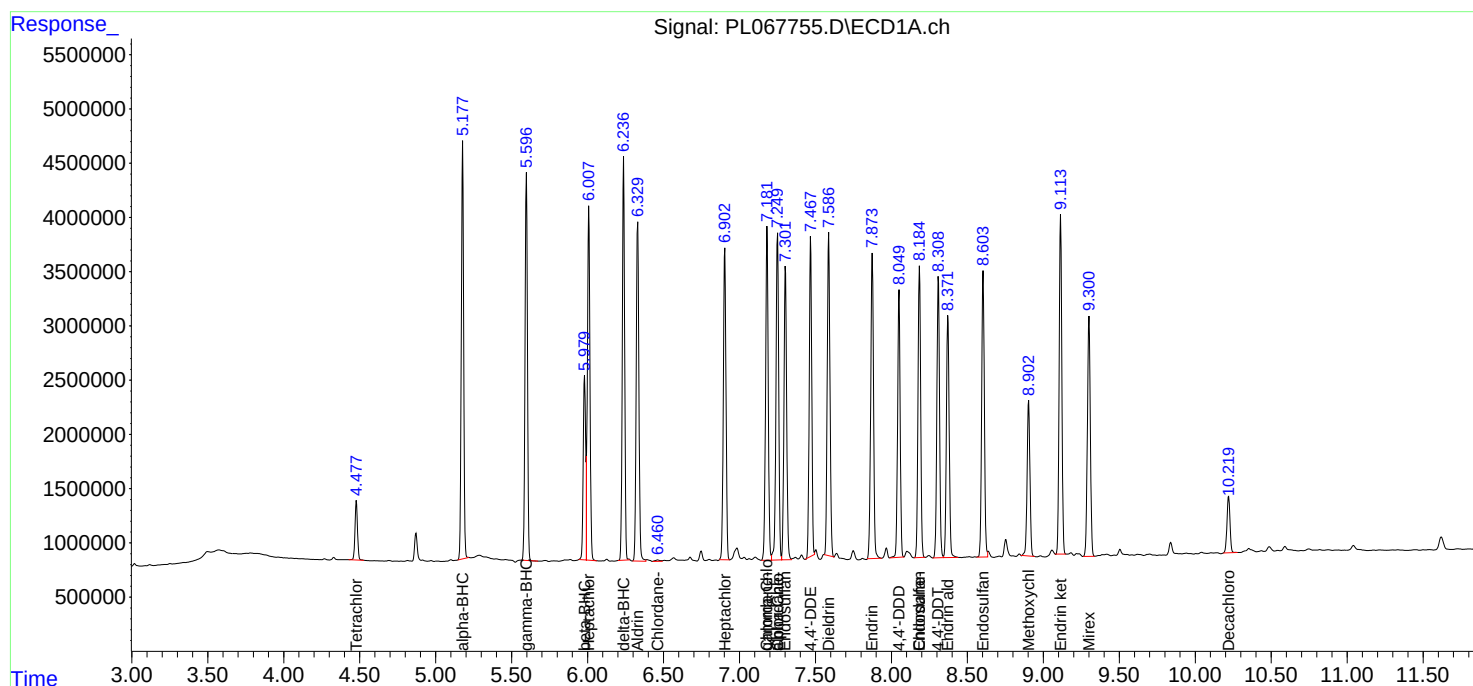
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

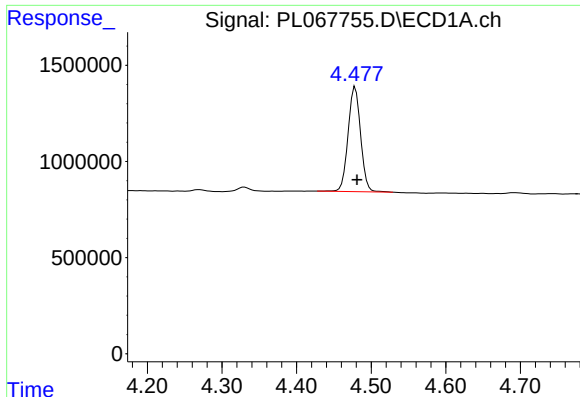
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062321\  
Data File : PL067755.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jun 2021 14:40  
Operator : AR\AJ  
Sample : M2815-01MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 24 01:46:57 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL061021.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 11 02:00:12 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

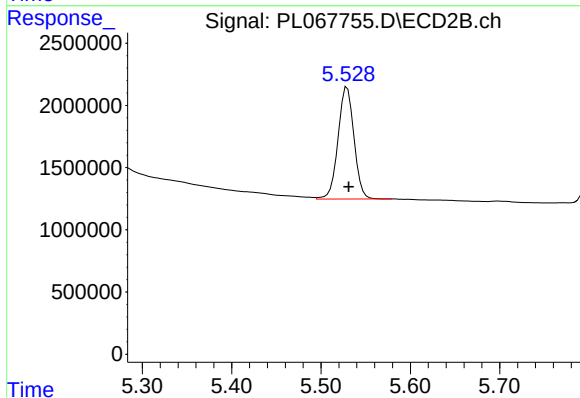




#1 Tetrachloro-m-xylene

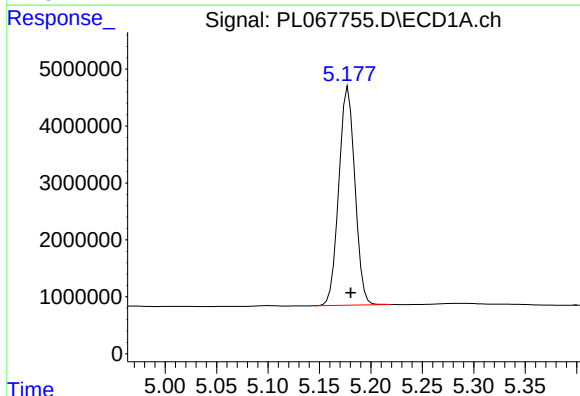
R.T.: 4.479 min  
Delta R.T.: -0.002 min  
Response: 6354700  
Conc: 11.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



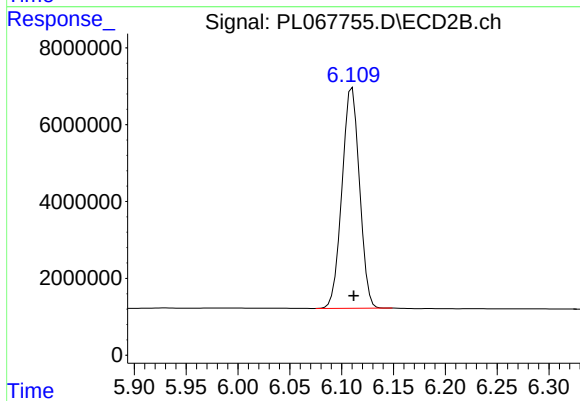
#1 Tetrachloro-m-xylene

R.T.: 5.529 min  
Delta R.T.: -0.002 min  
Response: 11181628  
Conc: 11.86 ng/ml



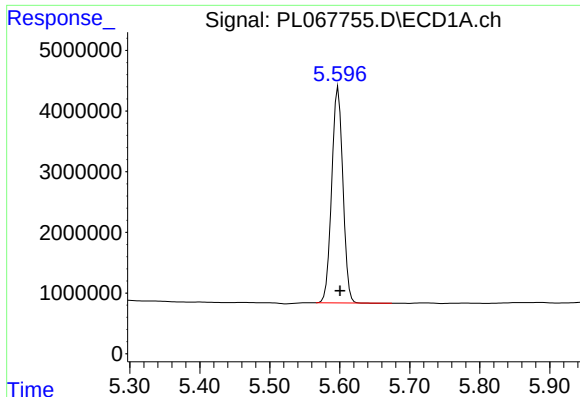
#2 alpha-BHC

R.T.: 5.178 min  
Delta R.T.: -0.002 min  
Response: 41743892  
Conc: 56.76 ng/ml



#2 alpha-BHC

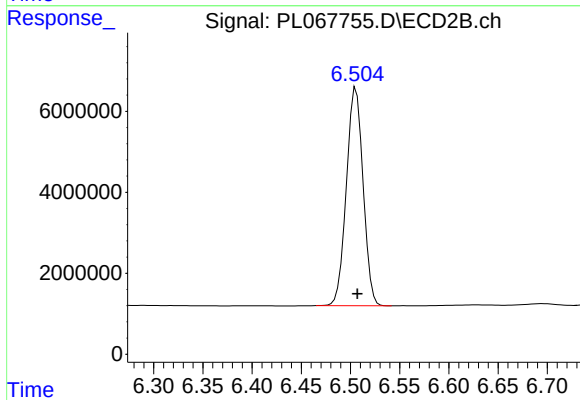
R.T.: 6.110 min  
Delta R.T.: -0.001 min  
Response: 67530958  
Conc: 54.62 ng/ml



#3 gamma-BHC (Lindane)

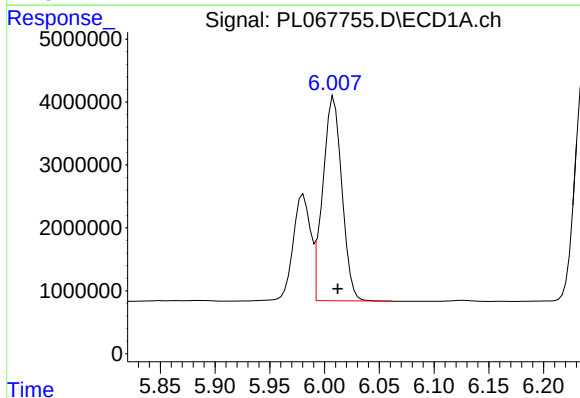
R.T.: 5.598 min  
Delta R.T.: -0.002 min  
Response: 39406348  
Conc: 52.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



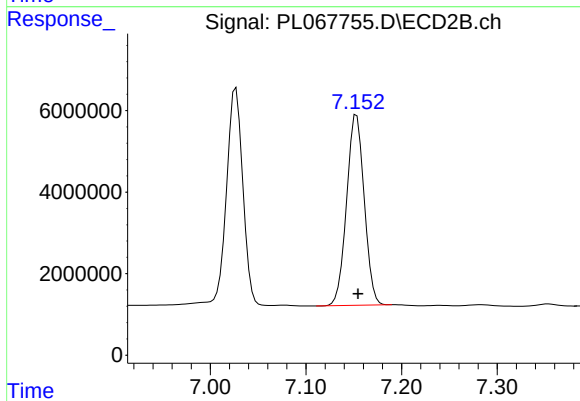
#3 gamma-BHC (Lindane)

R.T.: 6.506 min  
Delta R.T.: -0.001 min  
Response: 63715537  
Conc: 54.04 ng/ml



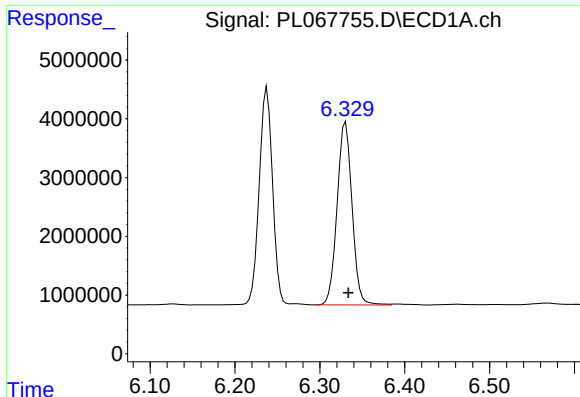
#4 Heptachlor

R.T.: 6.009 min  
Delta R.T.: -0.003 min  
Response: 39416346  
Conc: 52.26 ng/ml



#4 Heptachlor

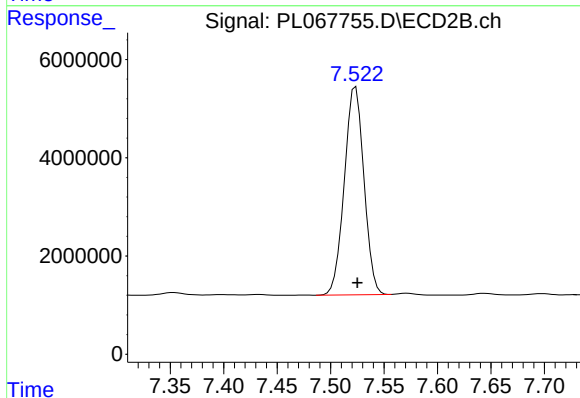
R.T.: 7.153 min  
Delta R.T.: -0.002 min  
Response: 60147370  
Conc: 53.93 ng/ml



#5 Aldrin

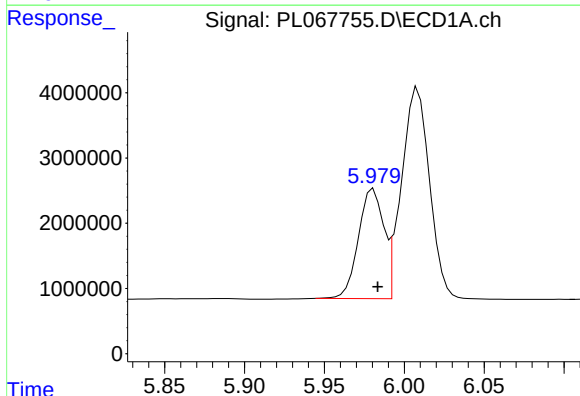
R.T.: 6.330 min  
Delta R.T.: -0.003 min  
Response: 38021940  
Conc: 51.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



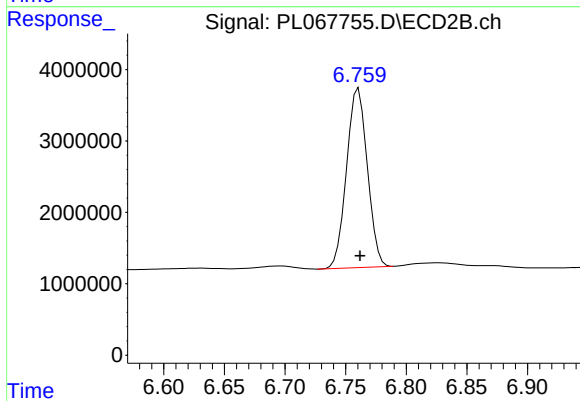
#5 Aldrin

R.T.: 7.524 min  
Delta R.T.: -0.002 min  
Response: 54028040  
Conc: 49.92 ng/ml



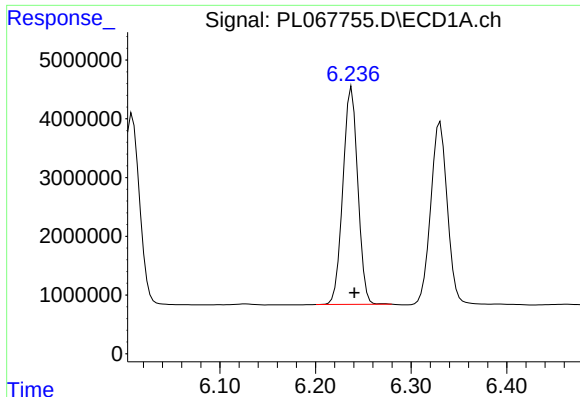
#6 beta-BHC

R.T.: 5.981 min  
Delta R.T.: -0.003 min  
Response: 18505461  
Conc: 51.72 ng/ml



#6 beta-BHC

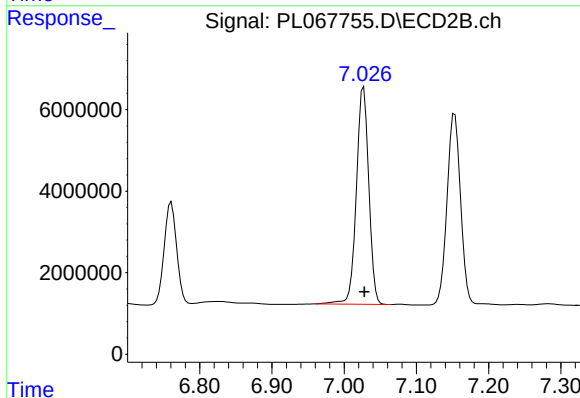
R.T.: 6.761 min  
Delta R.T.: -0.001 min  
Response: 30008548  
Conc: 55.26 ng/ml



#7 delta-BHC

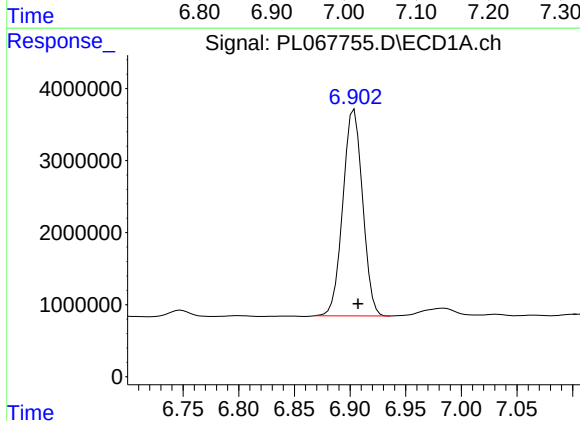
R.T.: 6.238 min  
Delta R.T.: -0.003 min  
Response: 40181887  
Conc: 54.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



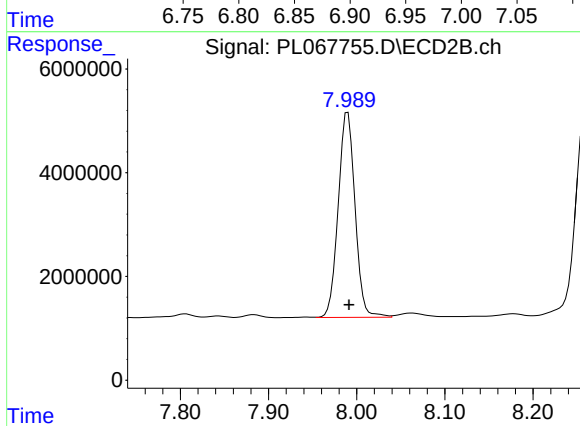
#7 delta-BHC

R.T.: 7.027 min  
Delta R.T.: -0.001 min  
Response: 63696729  
Conc: 54.19 ng/ml



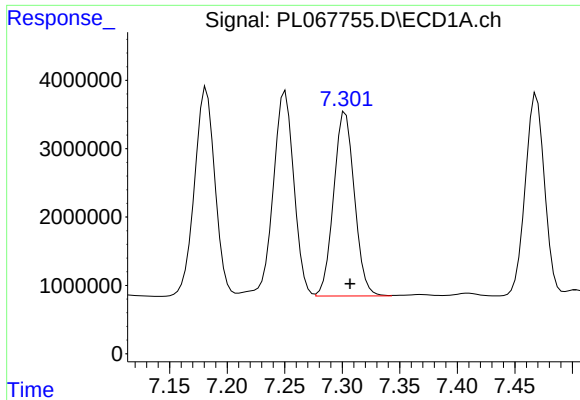
#8 Heptachlor epoxide

R.T.: 6.904 min  
Delta R.T.: -0.004 min  
Response: 35390702  
Conc: 50.58 ng/ml



#8 Heptachlor epoxide

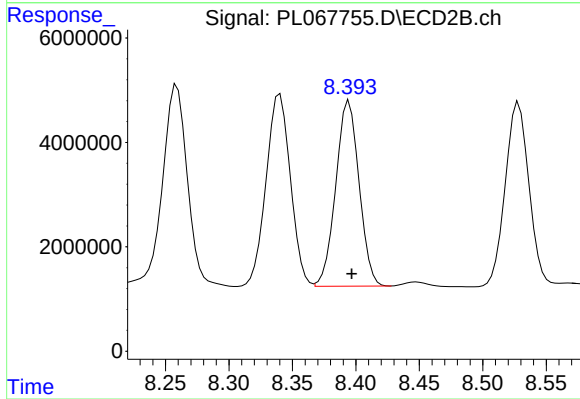
R.T.: 7.990 min  
Delta R.T.: -0.001 min  
Response: 52469756  
Conc: 52.38 ng/ml



#9 Endosulfan I

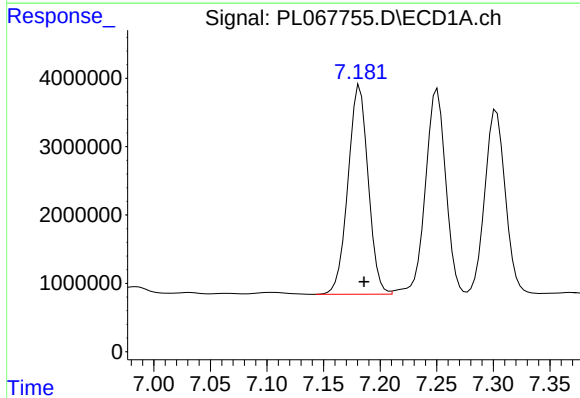
R.T.: 7.303 min  
Delta R.T.: -0.004 min  
Response: 33967201  
Conc: 50.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



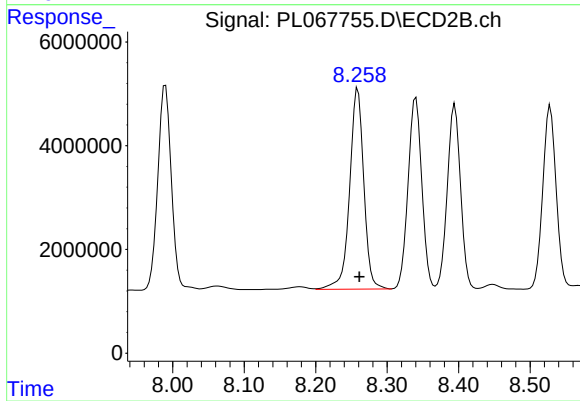
#9 Endosulfan I

R.T.: 8.395 min  
Delta R.T.: -0.002 min  
Response: 45411768  
Conc: 49.73 ng/ml



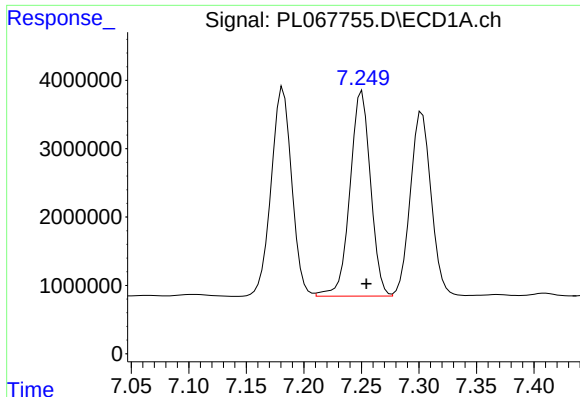
#10 gamma-Chlordane

R.T.: 7.182 min  
Delta R.T.: -0.004 min  
Response: 38000109  
Conc: 52.41 ng/ml



#10 gamma-Chlordane

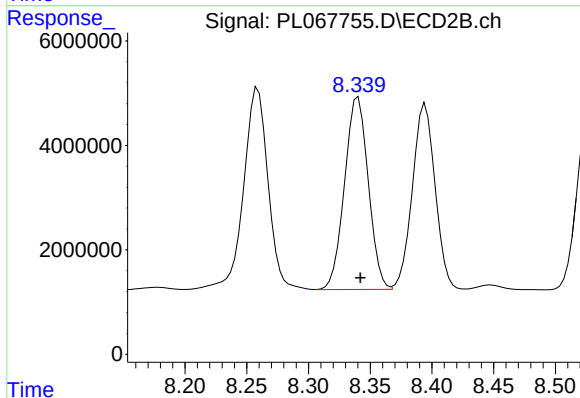
R.T.: 8.259 min  
Delta R.T.: -0.002 min  
Response: 53530477  
Conc: 53.02 ng/ml



#11 alpha-Chlordane

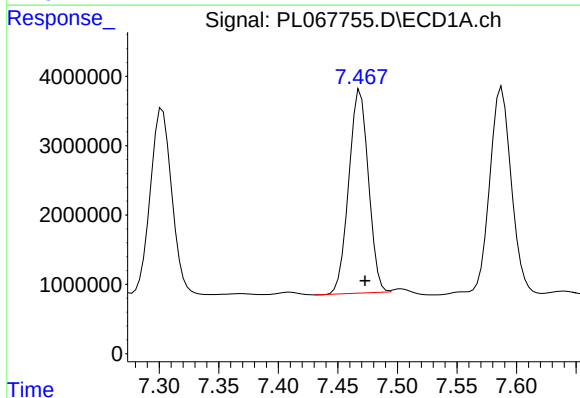
R.T.: 7.251 min  
Delta R.T.: -0.004 min  
Response: 37576996  
Conc: 51.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



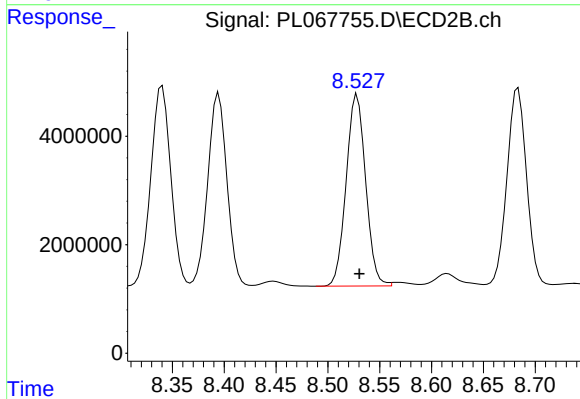
#11 alpha-Chlordane

R.T.: 8.340 min  
Delta R.T.: -0.002 min  
Response: 49307228  
Conc: 48.84 ng/ml



#12 4,4'-DDE

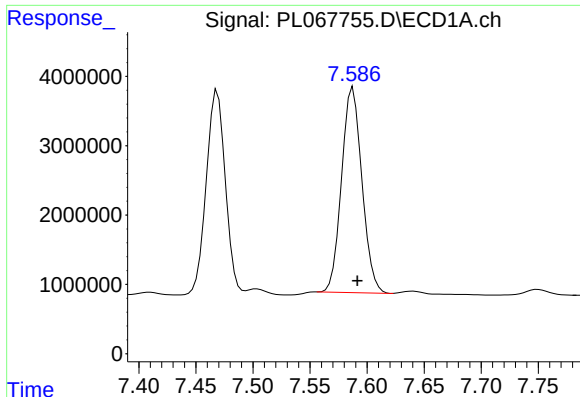
R.T.: 7.469 min  
Delta R.T.: -0.004 min  
Response: 33583071  
Conc: 50.48 ng/ml



#12 4,4'-DDE

R.T.: 8.528 min  
Delta R.T.: -0.002 min  
Response: 46199920  
Conc: 51.00 ng/ml

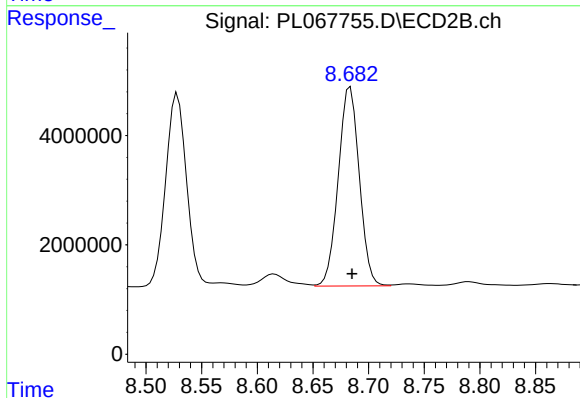




#13 Dieldrin

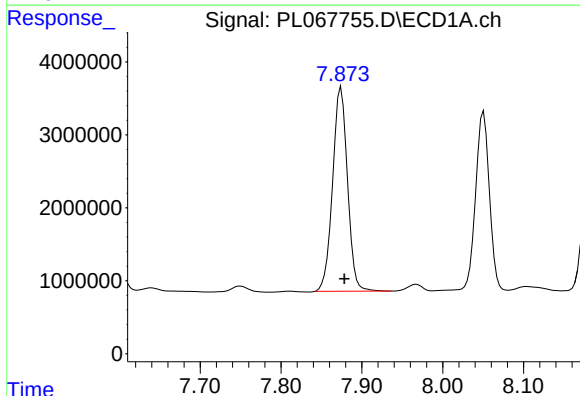
R.T.: 7.588 min  
Delta R.T.: -0.004 min  
Response: 36767720  
Conc: 52.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



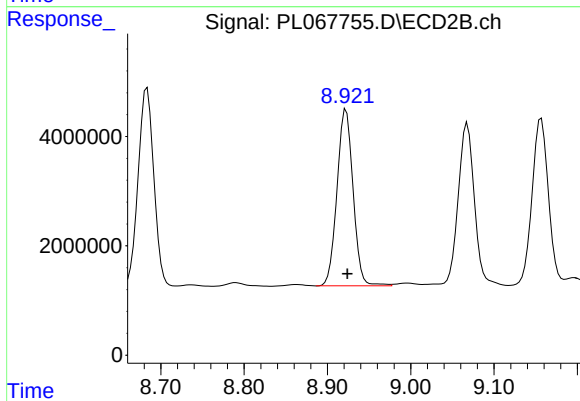
#13 Dieldrin

R.T.: 8.684 min  
Delta R.T.: -0.002 min  
Response: 47831486  
Conc: 52.66 ng/ml



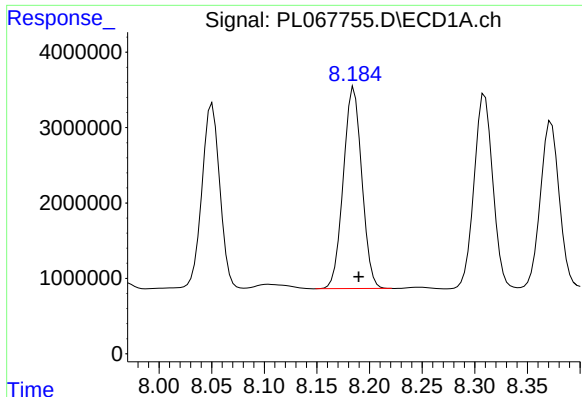
#14 Endrin

R.T.: 7.874 min  
Delta R.T.: -0.004 min  
Response: 35811081  
Conc: 54.62 ng/ml



#14 Endrin

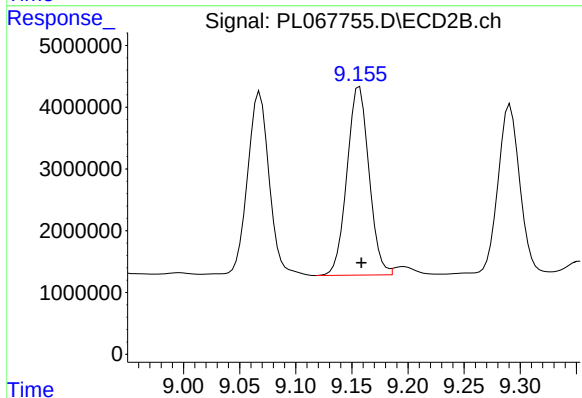
R.T.: 8.923 min  
Delta R.T.: -0.001 min  
Response: 43320219  
Conc: 56.63 ng/ml



#15 Endosulfan II

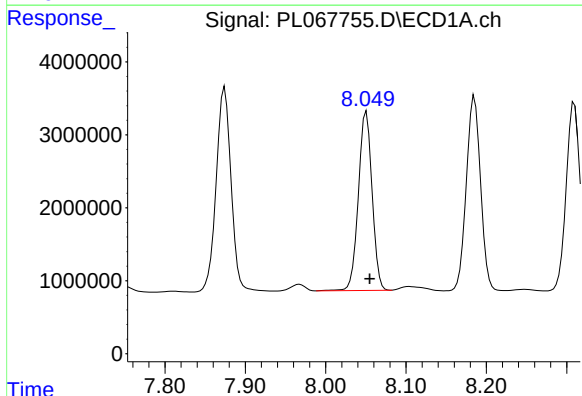
R.T.: 8.185 min  
Delta R.T.: -0.005 min  
Response: 32774290  
Conc: 53.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



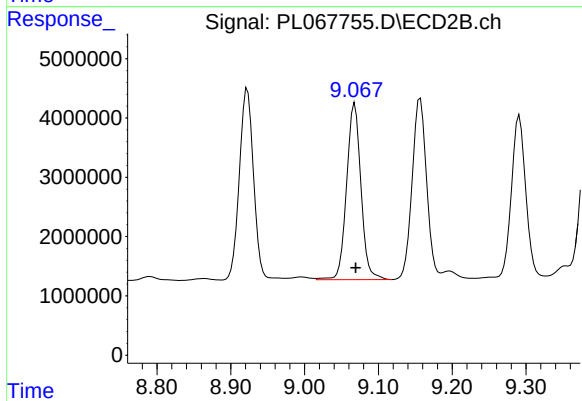
#15 Endosulfan II

R.T.: 9.157 min  
Delta R.T.: -0.002 min  
Response: 41626148  
Conc: 52.21 ng/ml



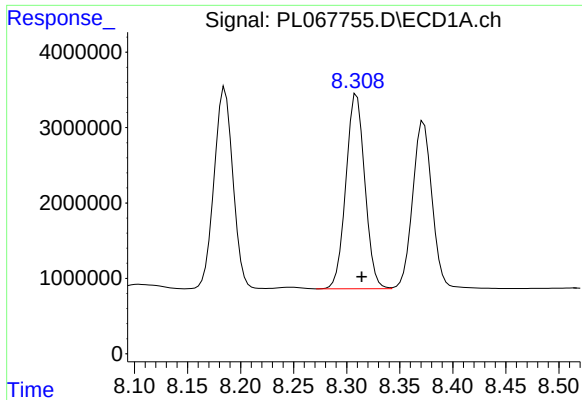
#16 4,4'-DDD

R.T.: 8.051 min  
Delta R.T.: -0.004 min  
Response: 29065353  
Conc: 50.00 ng/ml



#16 4,4'-DDD

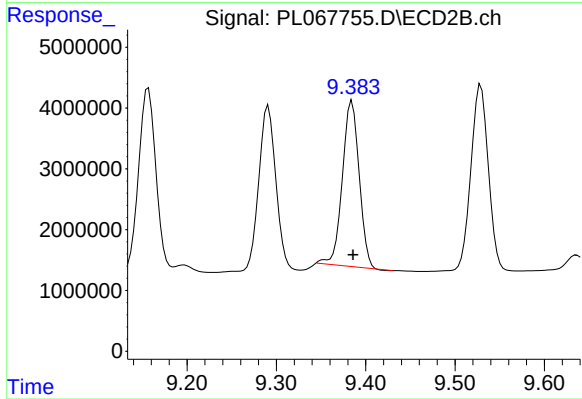
R.T.: 9.068 min  
Delta R.T.: -0.001 min  
Response: 40275592  
Conc: 56.63 ng/ml



#17 4,4'-DDT

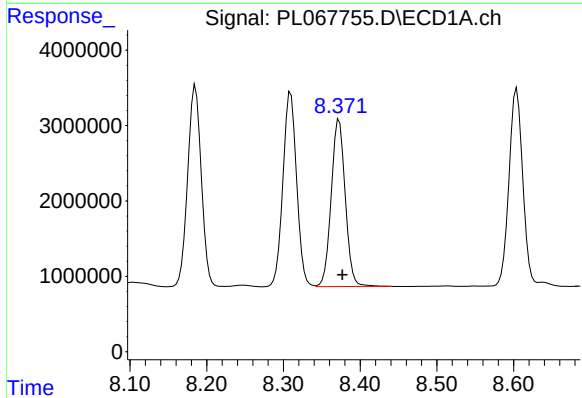
R.T.: 8.309 min  
Delta R.T.: -0.005 min  
Response: 31967622  
Conc: 54.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



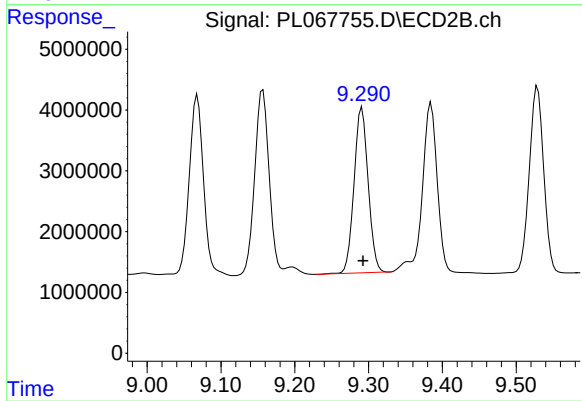
#17 4,4'-DDT

R.T.: 9.385 min  
Delta R.T.: -0.001 min  
Response: 35384421  
Conc: 48.26 ng/ml



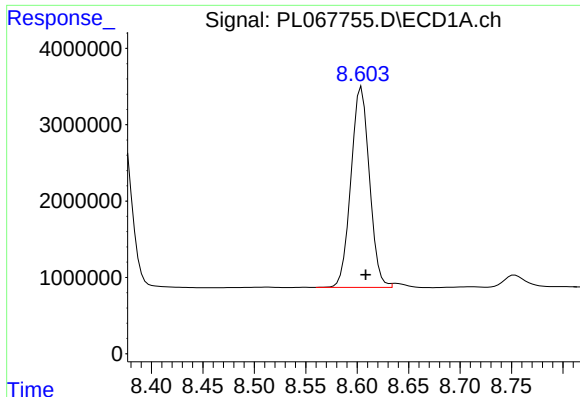
#18 Endrin aldehyde

R.T.: 8.372 min  
Delta R.T.: -0.005 min  
Response: 28173620  
Conc: 55.65 ng/ml



#18 Endrin aldehyde

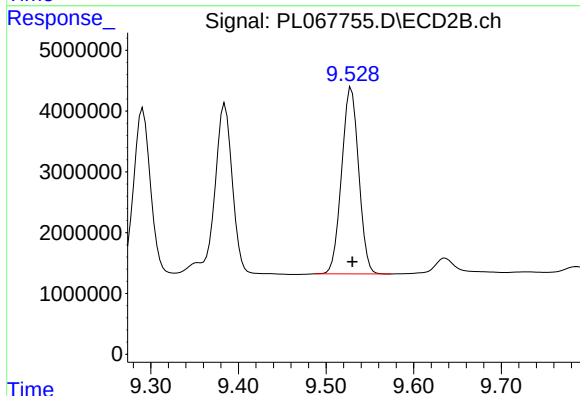
R.T.: 9.291 min  
Delta R.T.: -0.001 min  
Response: 36192956  
Conc: 56.67 ng/ml



#19 Endosulfan Sulfate

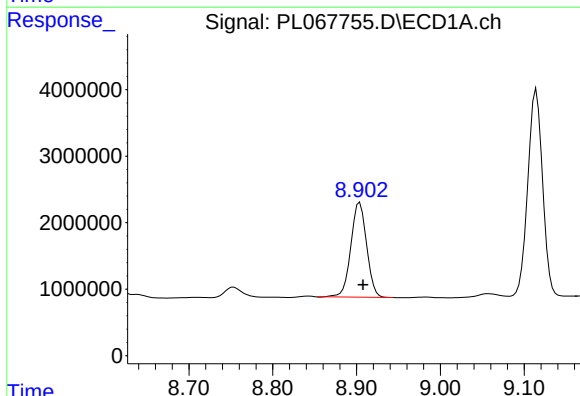
R.T.: 8.604 min  
Delta R.T.: -0.004 min  
Response: 32809265  
Conc: 51.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



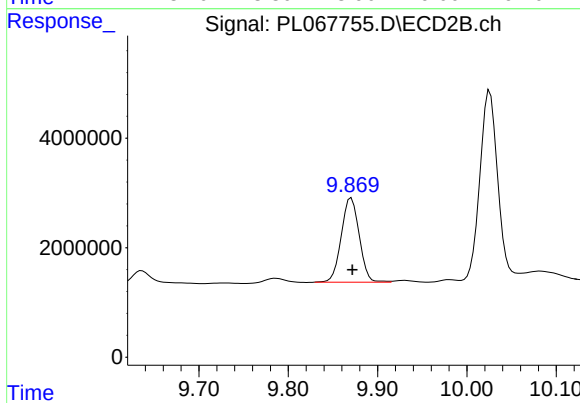
#19 Endosulfan Sulfate

R.T.: 9.529 min  
Delta R.T.: -0.001 min  
Response: 41546786  
Conc: 52.31 ng/ml



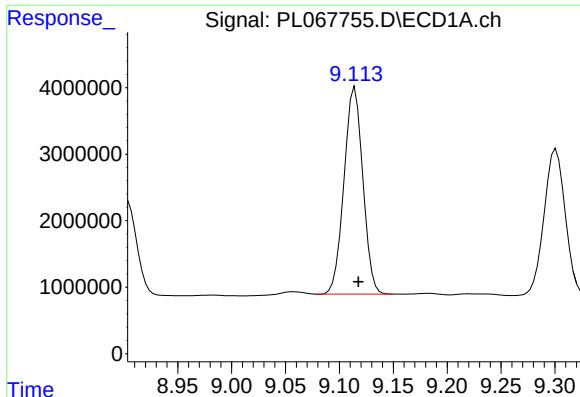
#20 Methoxychlor

R.T.: 8.904 min  
Delta R.T.: -0.004 min  
Response: 18644738  
Conc: 52.45 ng/ml



#20 Methoxychlor

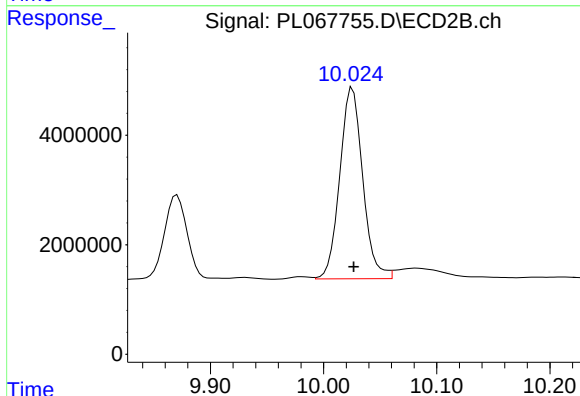
R.T.: 9.871 min  
Delta R.T.: -0.001 min  
Response: 21512828  
Conc: 55.33 ng/ml



#21 Endrin ketone

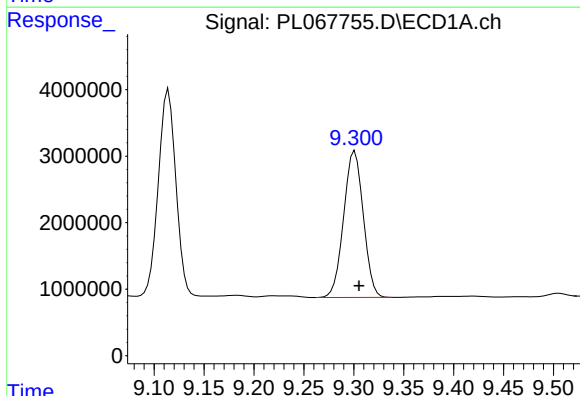
R.T.: 9.114 min  
Delta R.T.: -0.003 min  
Response: 37875761  
Conc: 49.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



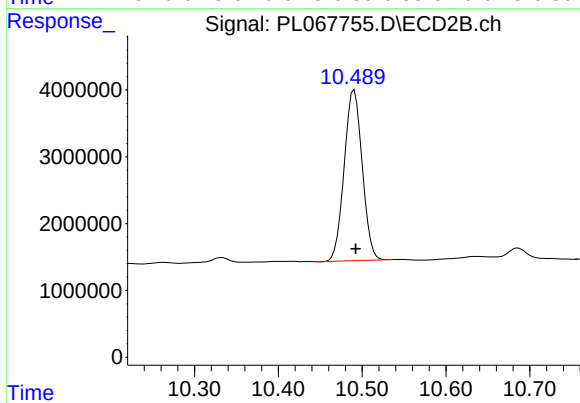
#21 Endrin ketone

R.T.: 10.026 min  
Delta R.T.: 0.000 min  
Response: 49285722  
Conc: 54.38 ng/ml



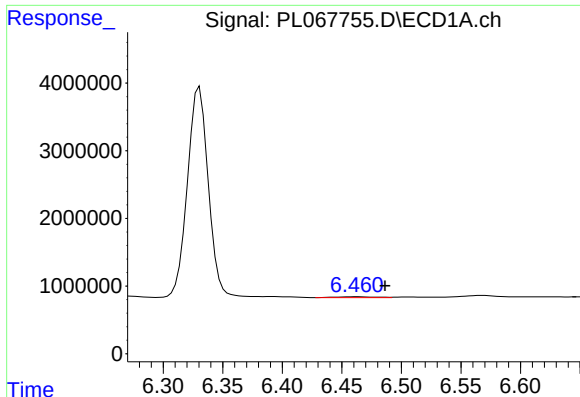
#22 Mirex

R.T.: 9.301 min  
Delta R.T.: -0.004 min  
Response: 30191046  
Conc: 47.94 ng/ml



#22 Mirex

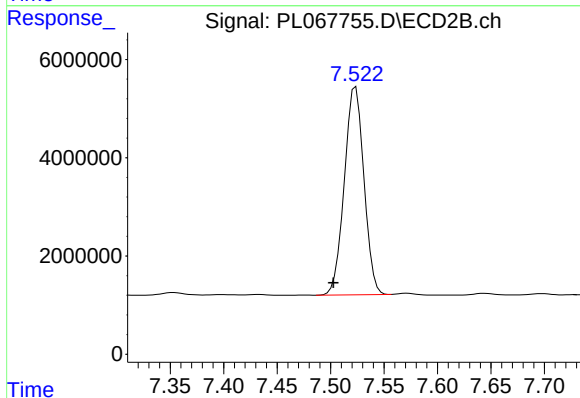
R.T.: 10.491 min  
Delta R.T.: -0.002 min  
Response: 38240666  
Conc: 50.58 ng/ml



#24 Chlordane-2

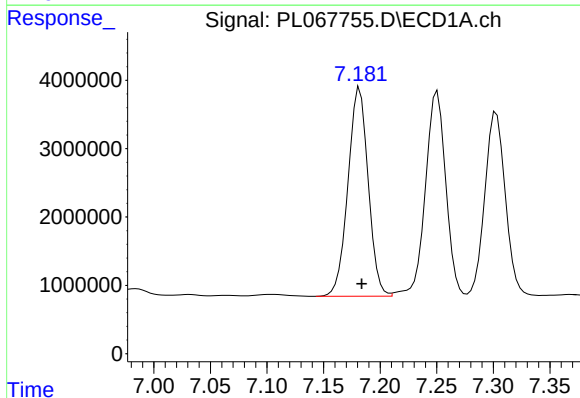
R.T.: 6.462 min  
Delta R.T.: -0.024 min  
Response: 286210  
Conc: 10.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



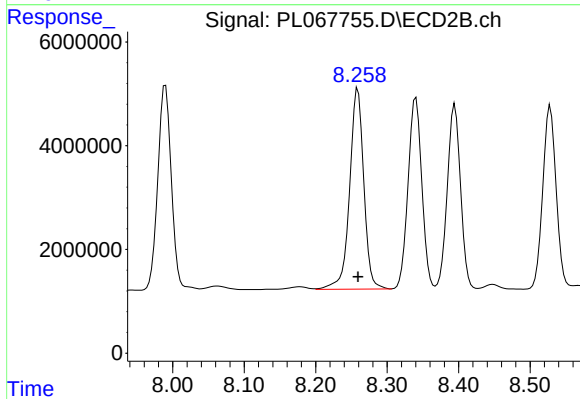
#24 Chlordane-2

R.T.: 7.524 min  
Delta R.T.: 0.021 min  
Response: 54028040  
Conc: 1482.41 ng/ml



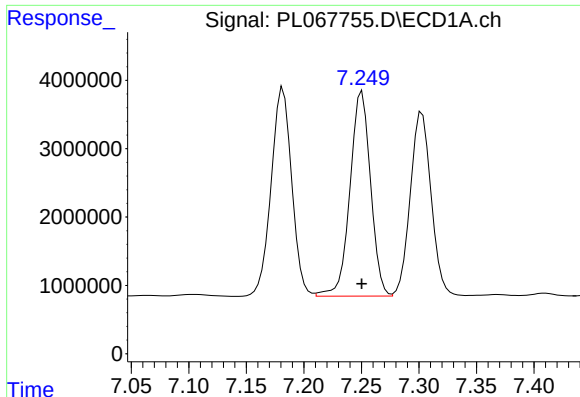
#25 Chlordane-3

R.T.: 7.182 min  
Delta R.T.: -0.002 min  
Response: 38000109  
Conc: 565.56 ng/ml



#25 Chlordane-3

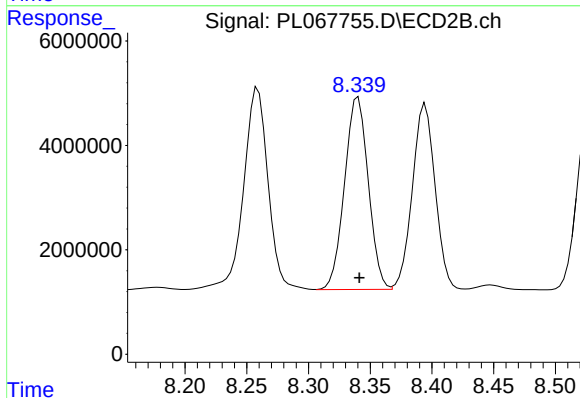
R.T.: 8.259 min  
Delta R.T.: 0.000 min  
Response: 53530477  
Conc: 399.96 ng/ml



#26 Chlordane-4

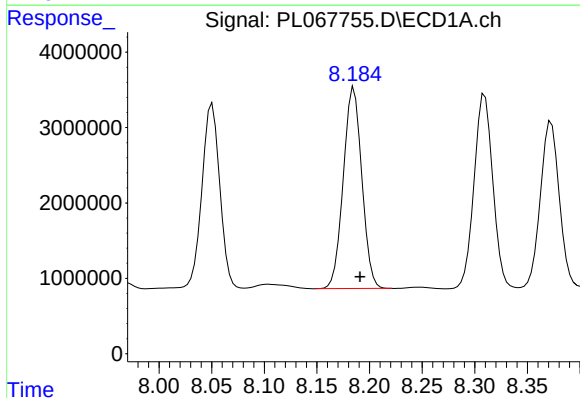
R.T.: 7.251 min  
Delta R.T.: 0.000 min  
Response: 37576996  
Conc: 514.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



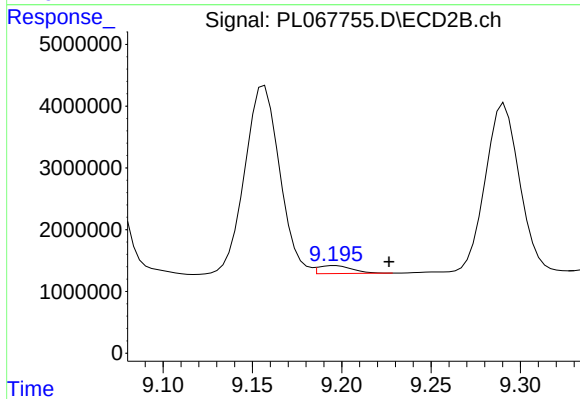
#26 Chlordane-4

R.T.: 8.340 min  
Delta R.T.: 0.000 min  
Response: 49307228  
Conc: 304.18 ng/ml



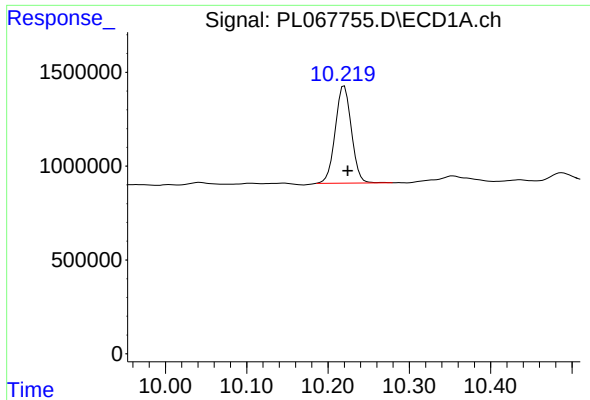
#27 Chlordane-5

R.T.: 8.185 min  
Delta R.T.: -0.006 min  
Response: 32774290  
Conc: 1497.97 ng/ml



#27 Chlordane-5

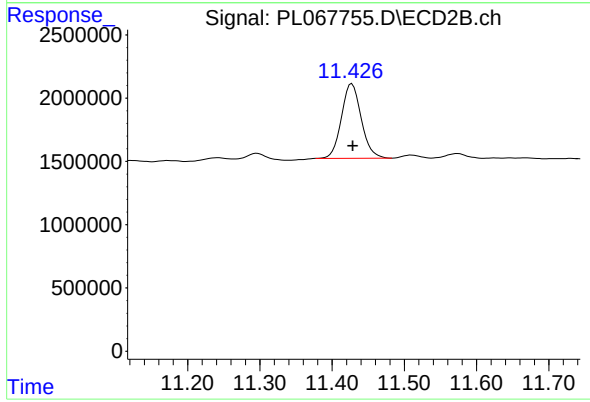
R.T.: 9.197 min  
Delta R.T.: -0.030 min  
Response: 1678312  
Conc: 57.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.220 min  
Delta R.T.: -0.004 min  
Response: 7158138  
Conc: 10.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 11.427 min  
Delta R.T.: -0.001 min  
Response: 11175106  
Conc: 11.22 ng/ml