

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080521\  
 Data File : PL068761.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Aug 2021 03:24  
 Operator : AR\AJ  
 Sample : M3279-09MSD  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 20210589-AMENDED-COM-3MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 03:35:02 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... | 4.638  | 5.568  | 7778439  | 19573870 | 18.805   | 19.278     |
| 2)                          | SA Decachlor... | 10.408 | 11.488 | 9911082  | 16562789 | 17.246   | 17.071     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.345  | 6.148  | 30608776 | 78686688 | 55.335   | 57.781     |
| 3)                          | MA gamma-BHC... | 5.768  | 6.545  | 29154952 | 72697390 | 53.719   | 55.874     |
| 4)                          | MA Heptachlor   | 6.179  | 7.194  | 31033780 | 72742677 | 52.838   | 54.186     |
| 5)                          | MB Aldrin       | 6.503  | 7.565  | 28901173 | 66119302 | 54.045   | 54.783     |
| 6)                          | B beta-BHC      | 6.146  | 6.797  | 14820070 | 35367080 | 52.572   | 54.592     |
| 7)                          | B delta-BHC     | 6.408  | 7.065  | 28395505 | 69761787 | 52.922   | 55.374     |
| 8)                          | B Heptachlo...  | 7.080  | 8.031  | 28124309 | 63633066 | 52.769   | 55.043     |
| 9)                          | A Endosulfan I  | 7.483  | 8.436  | 26814003 | 57911855 | 52.816   | 54.914     |
| 10)                         | B gamma-Chl...  | 7.357  | 8.300  | 29394220 | 69429515 | 53.635   | 60.623     |
| 11)                         | B alpha-Chl...  | 7.427  | 8.381  | 29557721 | 62753979 | 53.706   | 54.643     |
| 12)                         | B 4,4'-DDE      | 7.641  | 8.567  | 26370253 | 57250115 | 54.594   | 54.164     |
| 13)                         | MA Dieldrin     | 7.769  | 8.725  | 28336040 | 61034029 | 54.776   | 56.323     |
| 14)                         | MA Endrin       | 8.060  | 8.964  | 25915468 | 50918702 | 53.775   | 56.097     |
| 15)                         | B Endosulfa...  | 8.370  | 9.198  | 26086928 | 53068575 | 54.381   | 57.860     |
| 16)                         | A 4,4'-DDD      | 8.226  | 9.107  | 23335556 | 50016455 | 54.370   | 58.534     |
| 17)                         | MA 4,4'-DDT     | 8.487  | 9.424  | 24938897 | 48541135 | 51.350   | 51.291     |
| 18)                         | B Endrin al...  | 8.559  | 9.332  | 22442152 | 43321195 | 59.847   | 61.820     |
| 19)                         | B Endosulfa...  | 8.789  | 9.569  | 28091883 | 51833212 | 54.605   | 56.866     |
| 20)                         | A Methoxychlor  | 9.082  | 9.909  | 16513618 | 26845182 | 52.752   | 51.586     |
| 21)                         | B Endrin ke...  | 9.308  | 10.068 | 32597487 | 56653808 | 55.718   | 55.637     |
| 22)                         | Mirex           | 9.497  | 10.535 | 26615517 | 41946460 | 53.119   | 53.036     |
| 24)                         | Chlordane-2     | 0.000  | 7.565f | 0        | 66119302 | N.D.     | 1525.996 # |
| 25)                         | Chlordane-3     | 7.357  | 8.300  | 29394220 | 69429515 | 560.394  | 425.020    |
| 26)                         | Chlordane-4     | 7.427  | 8.381  | 29557721 | 62753979 | 531.056  | 316.424 #  |
| 27)                         | Chlordane-5     | 8.370  | 0.000  | 26086928 | 0        | 1265.047 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

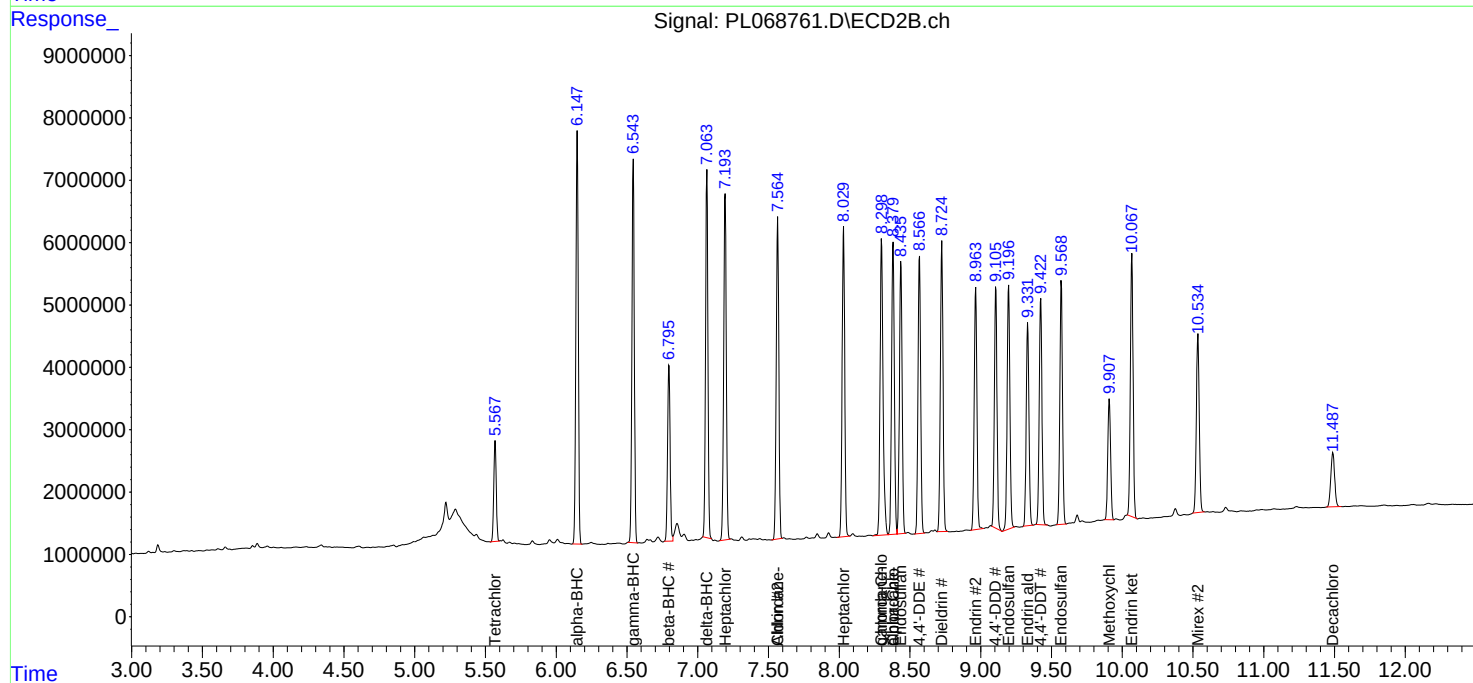
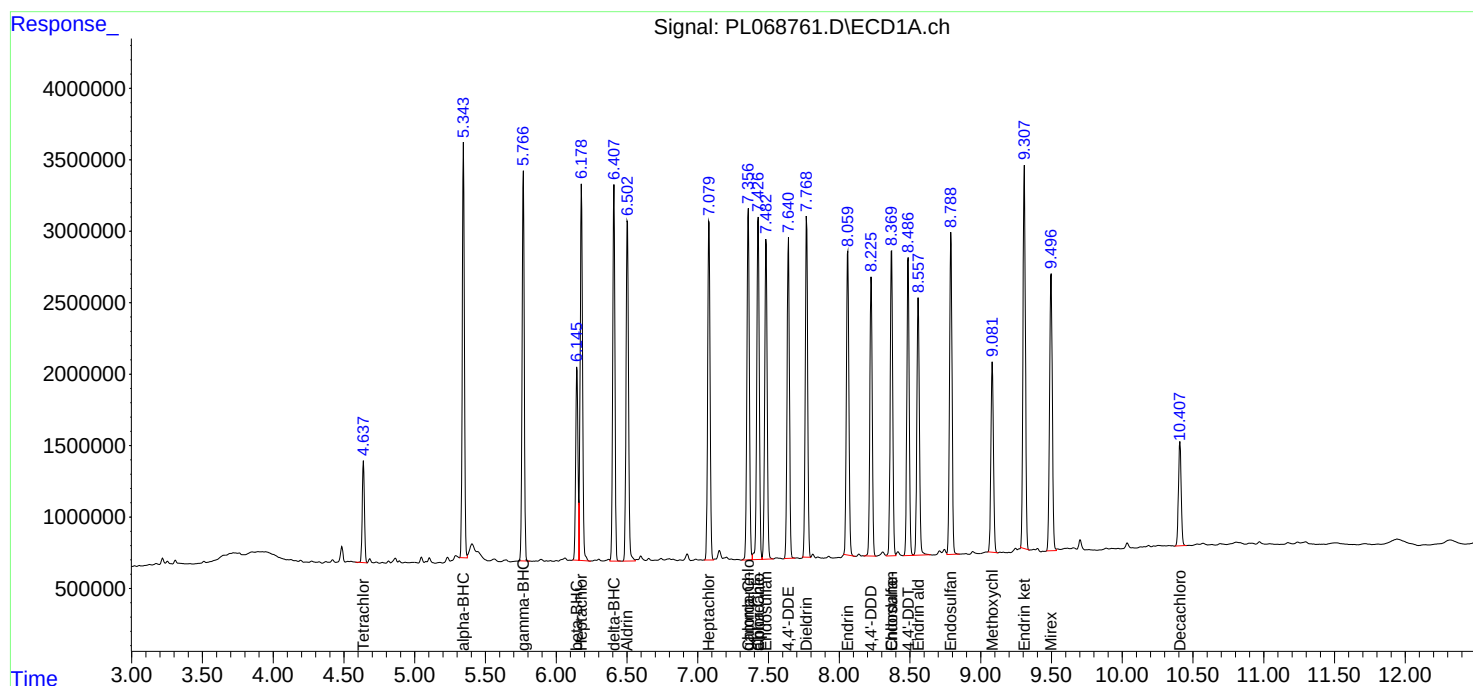
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

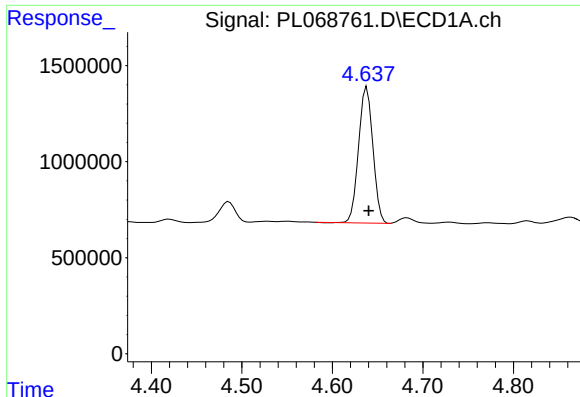
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080521\  
Data File : PL068761.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Aug 2021 03:24  
Operator : AR\AJ  
Sample : M3279-09MSD  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 06 03:35:02 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

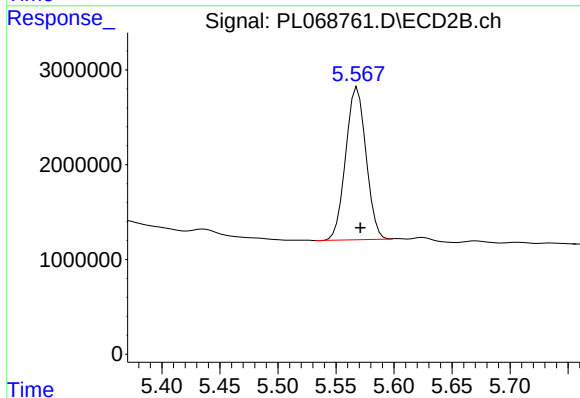




#1 Tetrachloro-m-xylene

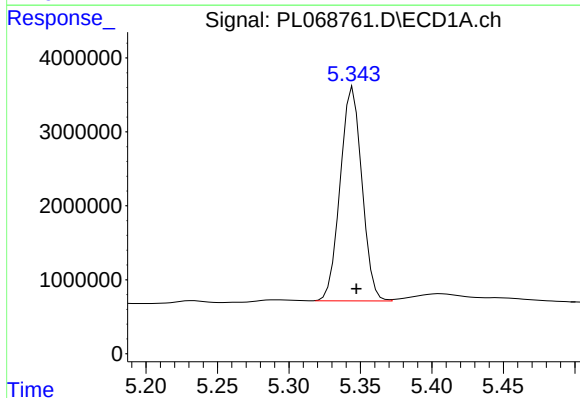
R.T.: 4.638 min  
Delta R.T.: -0.002 min  
Response: 7778439  
Conc: 18.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD



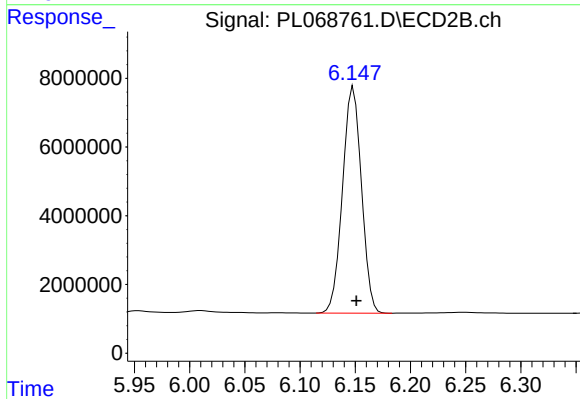
#1 Tetrachloro-m-xylene

R.T.: 5.568 min  
Delta R.T.: -0.003 min  
Response: 19573870  
Conc: 19.28 ng/ml



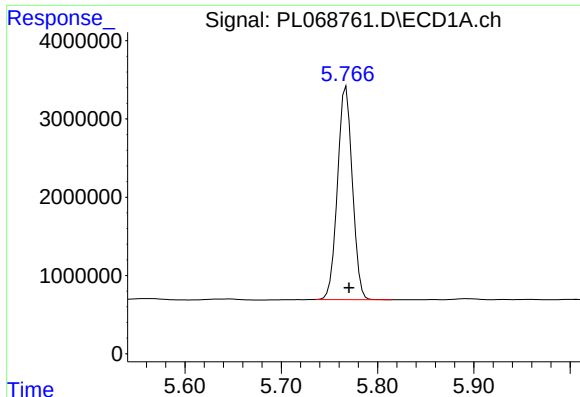
#2 alpha-BHC

R.T.: 5.345 min  
Delta R.T.: -0.002 min  
Response: 30608776  
Conc: 55.34 ng/ml



#2 alpha-BHC

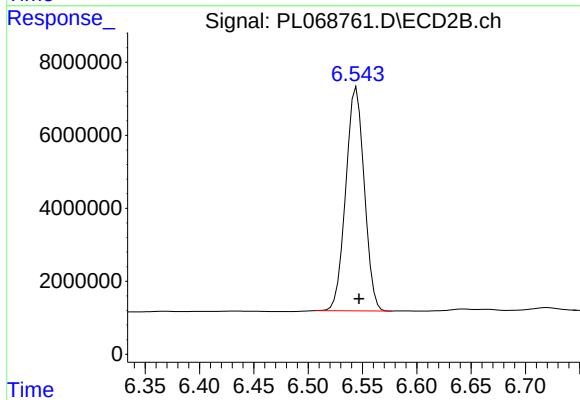
R.T.: 6.148 min  
Delta R.T.: -0.003 min  
Response: 78686688  
Conc: 57.78 ng/ml



#3 gamma-BHC (Lindane)

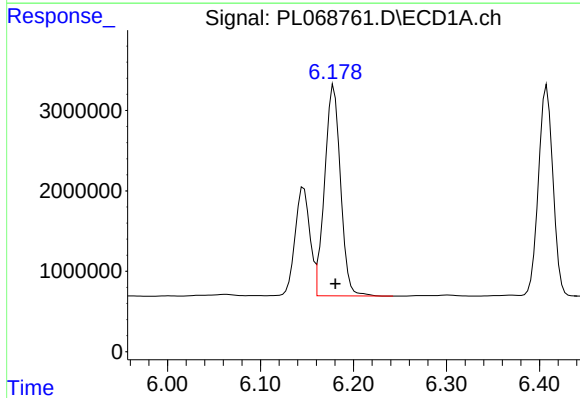
R.T.: 5.768 min  
Delta R.T.: -0.003 min  
Response: 29154952  
Conc: 53.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD



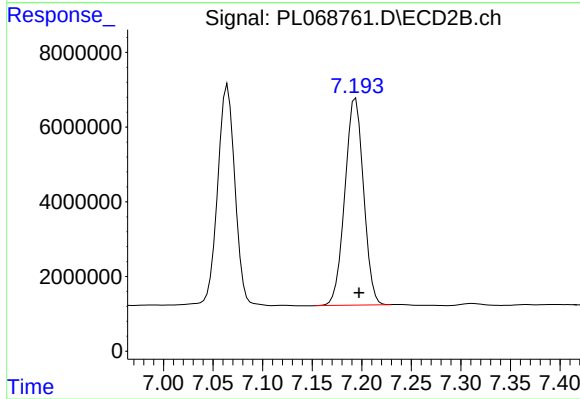
#3 gamma-BHC (Lindane)

R.T.: 6.545 min  
Delta R.T.: -0.002 min  
Response: 72697390  
Conc: 55.87 ng/ml



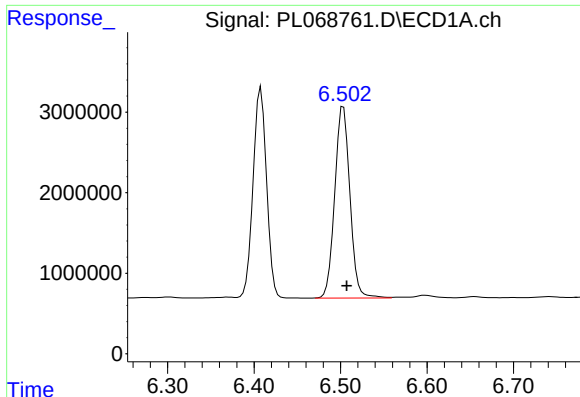
#4 Heptachlor

R.T.: 6.179 min  
Delta R.T.: -0.002 min  
Response: 31033780  
Conc: 52.84 ng/ml



#4 Heptachlor

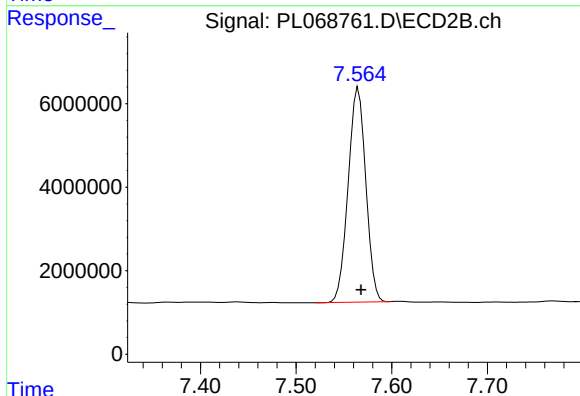
R.T.: 7.194 min  
Delta R.T.: -0.003 min  
Response: 72742677  
Conc: 54.19 ng/ml



#5 Aldrin

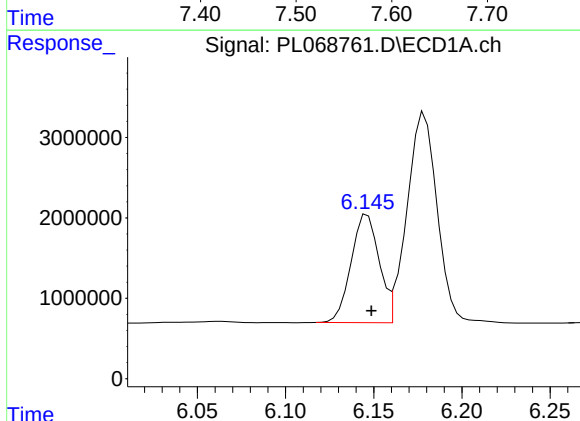
R.T.: 6.503 min  
Delta R.T.: -0.004 min  
Response: 28901173  
Conc: 54.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD



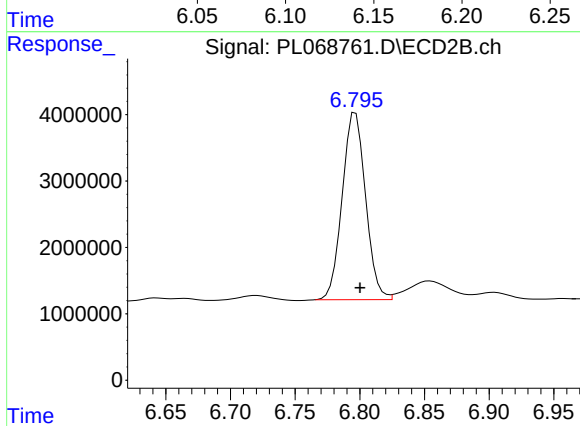
#5 Aldrin

R.T.: 7.565 min  
Delta R.T.: -0.003 min  
Response: 66119302  
Conc: 54.78 ng/ml



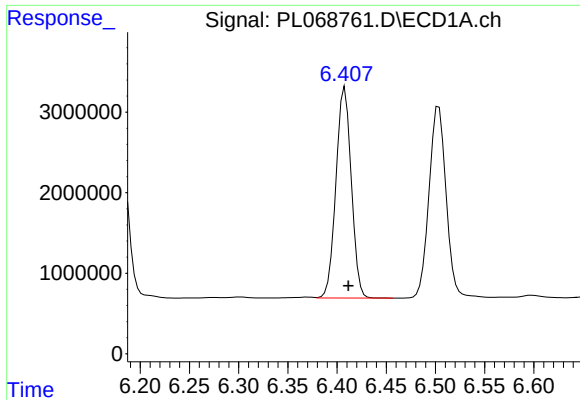
#6 beta-BHC

R.T.: 6.146 min  
Delta R.T.: -0.002 min  
Response: 14820070  
Conc: 52.57 ng/ml



#6 beta-BHC

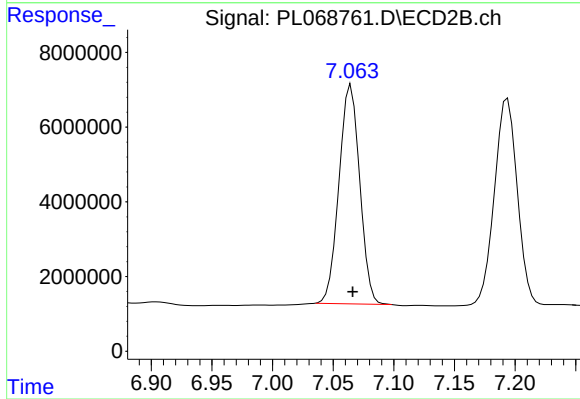
R.T.: 6.797 min  
Delta R.T.: -0.003 min  
Response: 35367080  
Conc: 54.59 ng/ml



#7 delta-BHC

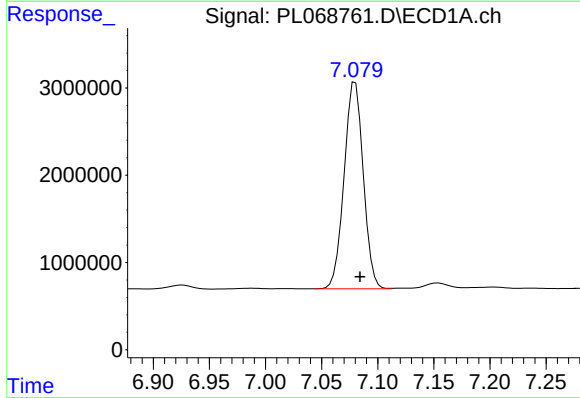
R.T.: 6.408 min  
Delta R.T.: -0.003 min  
Response: 28395505  
Conc: 52.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD



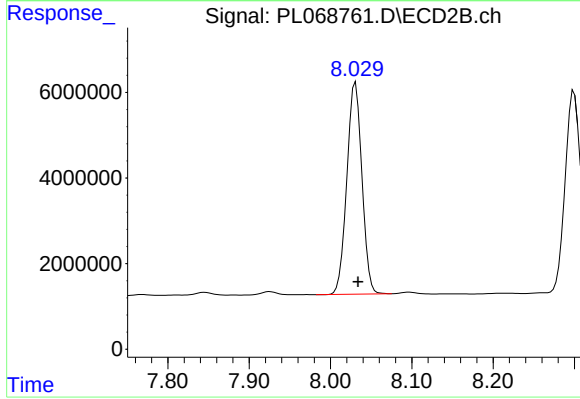
#7 delta-BHC

R.T.: 7.065 min  
Delta R.T.: -0.001 min  
Response: 69761787  
Conc: 55.37 ng/ml



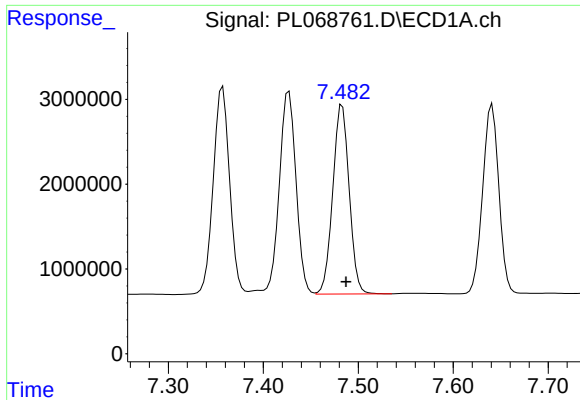
#8 Heptachlor epoxide

R.T.: 7.080 min  
Delta R.T.: -0.004 min  
Response: 28124309  
Conc: 52.77 ng/ml



#8 Heptachlor epoxide

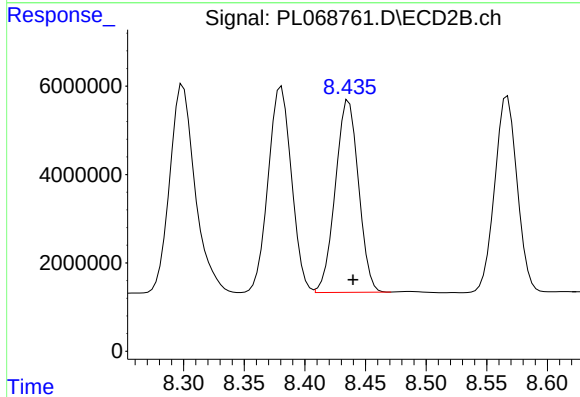
R.T.: 8.031 min  
Delta R.T.: -0.003 min  
Response: 63633066  
Conc: 55.04 ng/ml



#9 Endosulfan I

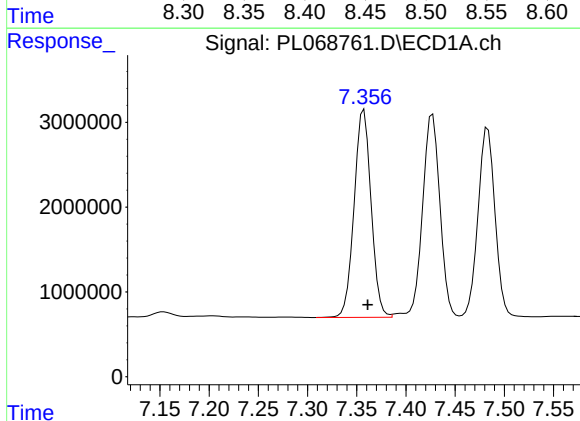
R.T.: 7.483 min  
Delta R.T.: -0.004 min  
Response: 26814003  
Conc: 52.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD



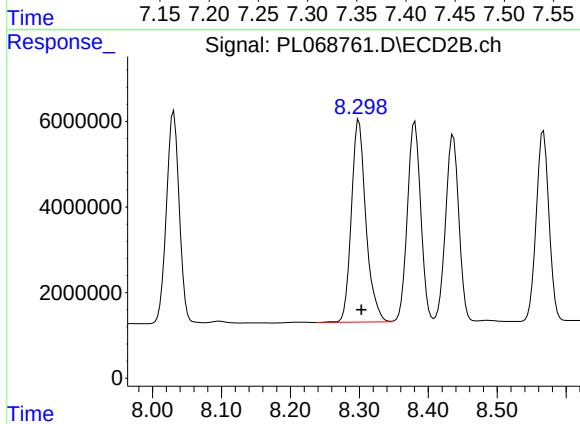
#9 Endosulfan I

R.T.: 8.436 min  
Delta R.T.: -0.003 min  
Response: 57911855  
Conc: 54.91 ng/ml



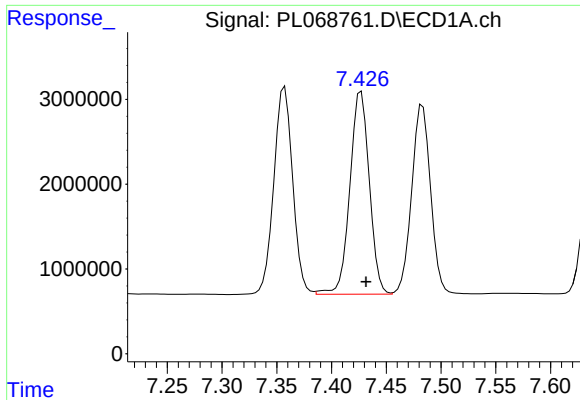
#10 gamma-Chlordane

R.T.: 7.357 min  
Delta R.T.: -0.004 min  
Response: 29394220  
Conc: 53.64 ng/ml



#10 gamma-Chlordane

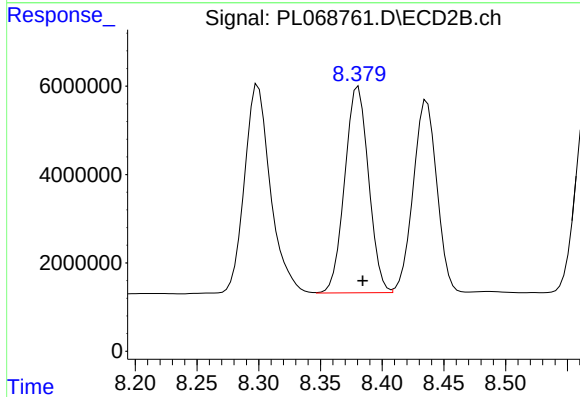
R.T.: 8.300 min  
Delta R.T.: -0.003 min  
Response: 69429515  
Conc: 60.62 ng/ml



#11 alpha-Chlordane

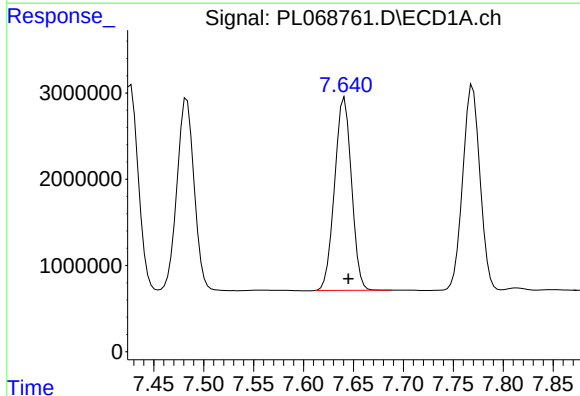
R.T.: 7.427 min  
Delta R.T.: -0.004 min  
Response: 29557721  
Conc: 53.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD



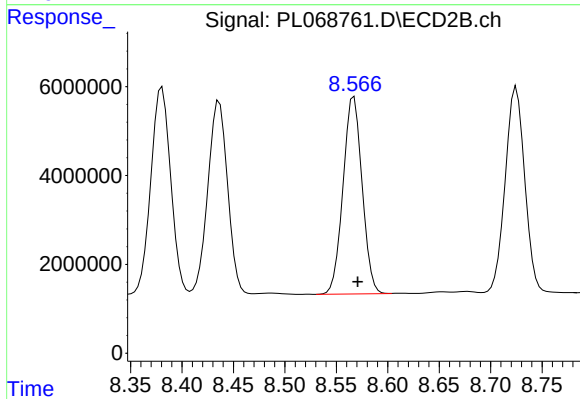
#11 alpha-Chlordane

R.T.: 8.381 min  
Delta R.T.: -0.004 min  
Response: 62753979  
Conc: 54.64 ng/ml



#12 4,4'-DDE

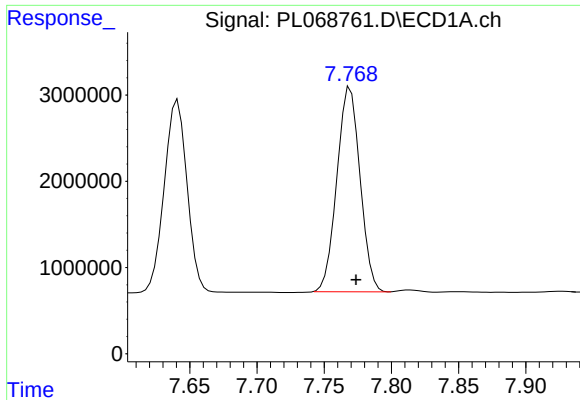
R.T.: 7.641 min  
Delta R.T.: -0.004 min  
Response: 26370253  
Conc: 54.59 ng/ml



#12 4,4'-DDE

R.T.: 8.567 min  
Delta R.T.: -0.004 min  
Response: 57250115  
Conc: 54.16 ng/ml

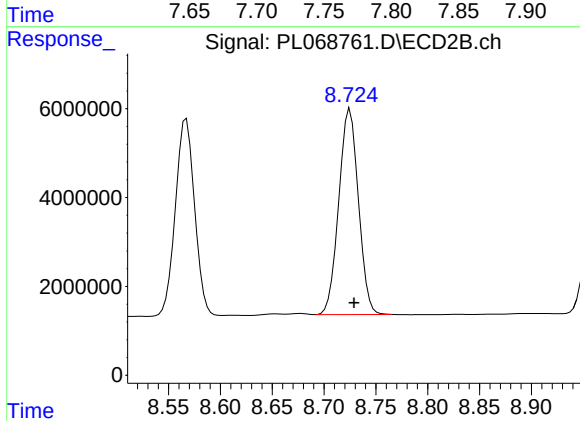




#13 Dieldrin

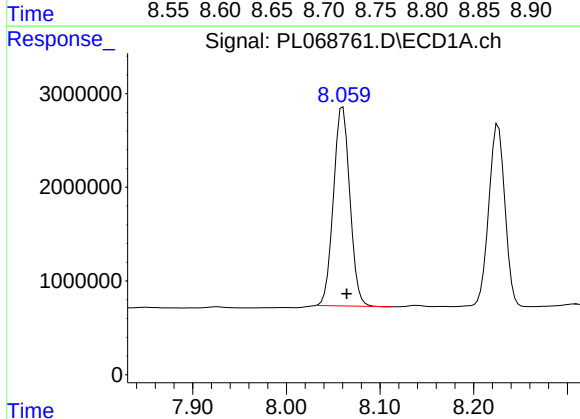
R.T.: 7.769 min  
Delta R.T.: -0.004 min  
Response: 28336040  
Conc: 54.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD



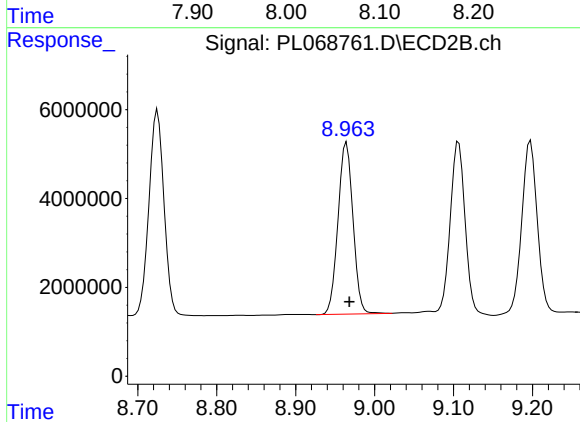
#13 Dieldrin

R.T.: 8.725 min  
Delta R.T.: -0.004 min  
Response: 61034029  
Conc: 56.32 ng/ml



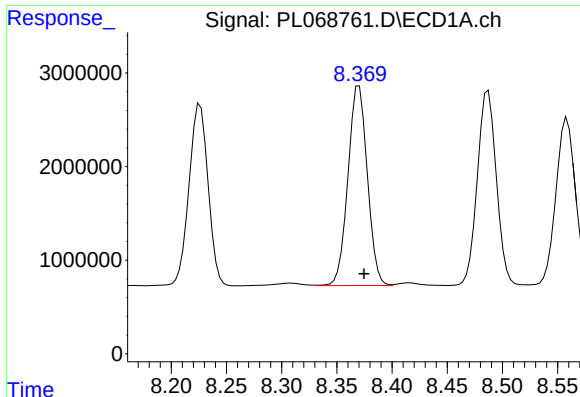
#14 Endrin

R.T.: 8.060 min  
Delta R.T.: -0.004 min  
Response: 25915468  
Conc: 53.78 ng/ml



#14 Endrin

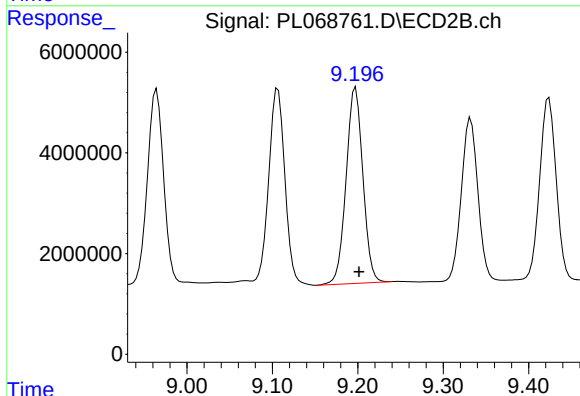
R.T.: 8.964 min  
Delta R.T.: -0.003 min  
Response: 50918702  
Conc: 56.10 ng/ml



#15 Endosulfan II

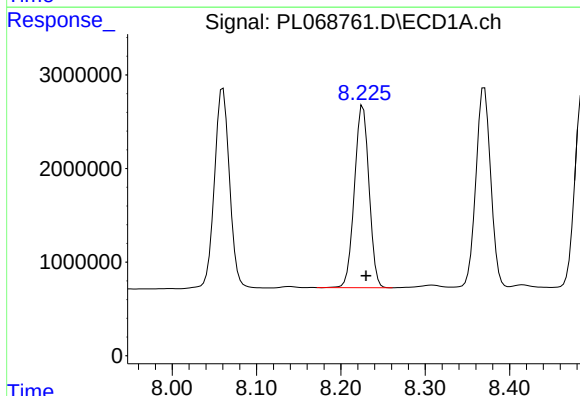
R.T.: 8.370 min  
Delta R.T.: -0.005 min  
Response: 26086928  
Conc: 54.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD



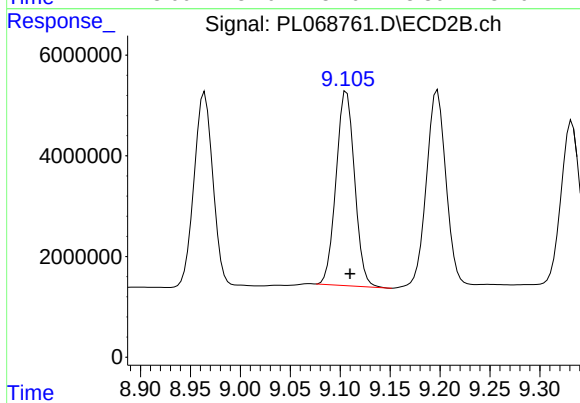
#15 Endosulfan II

R.T.: 9.198 min  
Delta R.T.: -0.004 min  
Response: 53068575  
Conc: 57.86 ng/ml



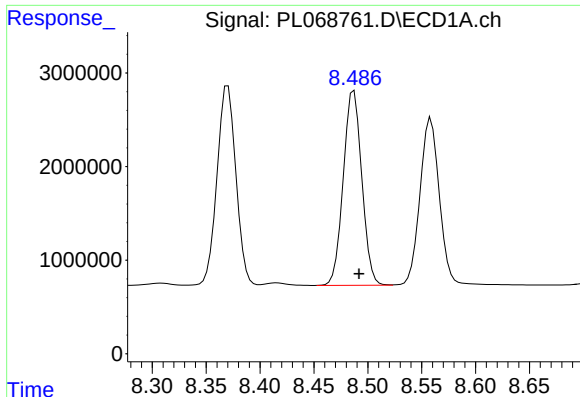
#16 4,4'-DDD

R.T.: 8.226 min  
Delta R.T.: -0.004 min  
Response: 23335556  
Conc: 54.37 ng/ml



#16 4,4'-DDD

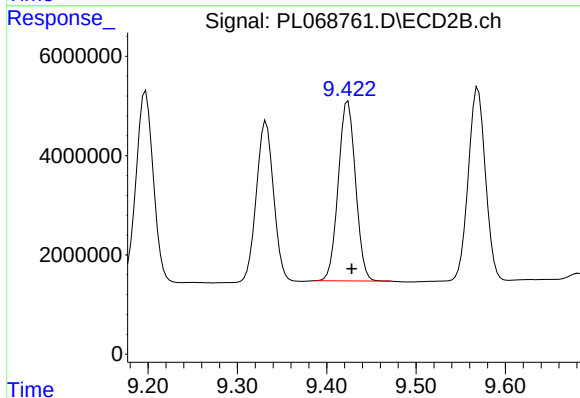
R.T.: 9.107 min  
Delta R.T.: -0.004 min  
Response: 50016455  
Conc: 58.53 ng/ml



#17 4,4'-DDT

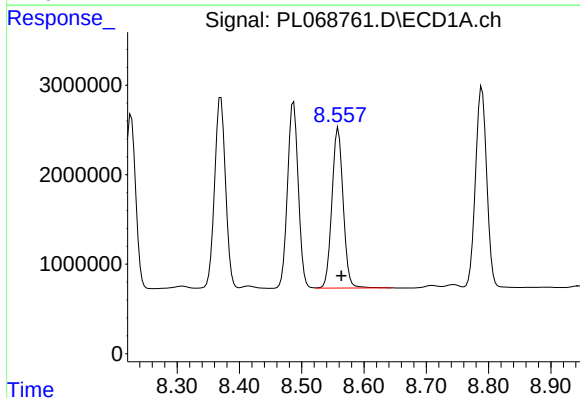
R.T.: 8.487 min  
Delta R.T.: -0.005 min  
Response: 24938897  
Conc: 51.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD



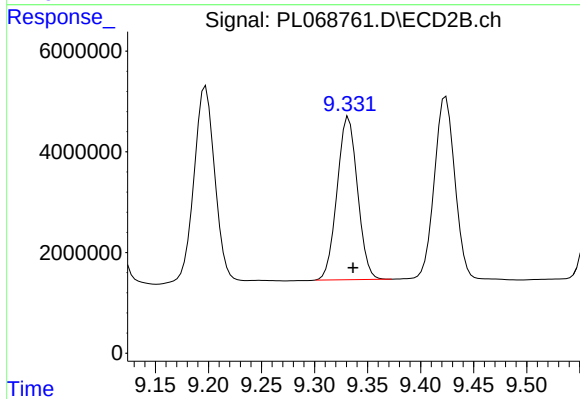
#17 4,4'-DDT

R.T.: 9.424 min  
Delta R.T.: -0.004 min  
Response: 48541135  
Conc: 51.29 ng/ml



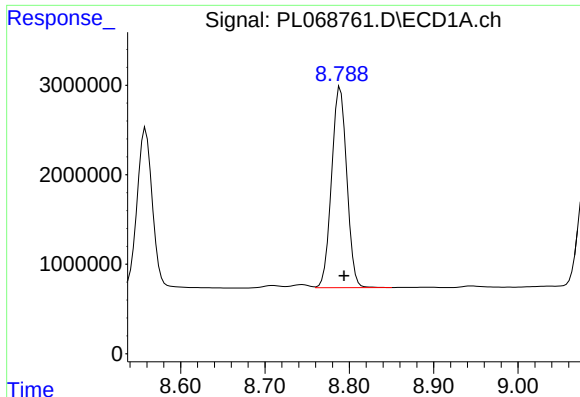
#18 Endrin aldehyde

R.T.: 8.559 min  
Delta R.T.: -0.005 min  
Response: 22442152  
Conc: 59.85 ng/ml



#18 Endrin aldehyde

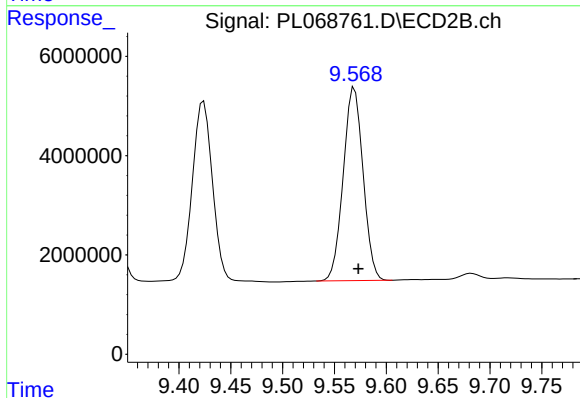
R.T.: 9.332 min  
Delta R.T.: -0.004 min  
Response: 43321195  
Conc: 61.82 ng/ml



#19 Endosulfan Sulfate

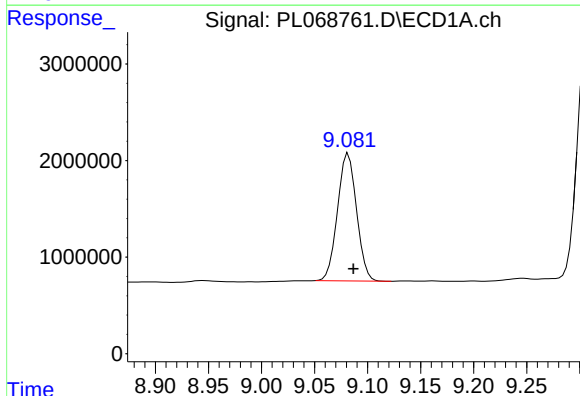
R.T.: 8.789 min  
Delta R.T.: -0.005 min  
Response: 28091883  
Conc: 54.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD



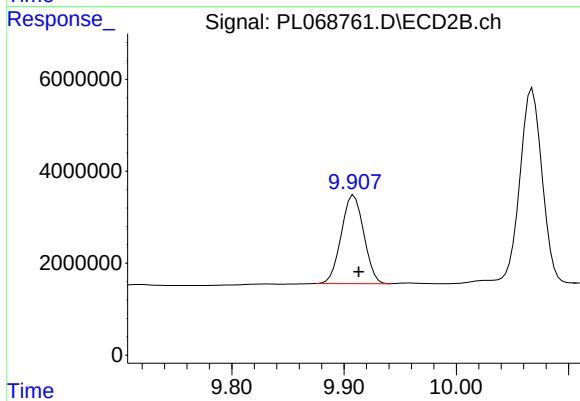
#19 Endosulfan Sulfate

R.T.: 9.569 min  
Delta R.T.: -0.004 min  
Response: 51833212  
Conc: 56.87 ng/ml



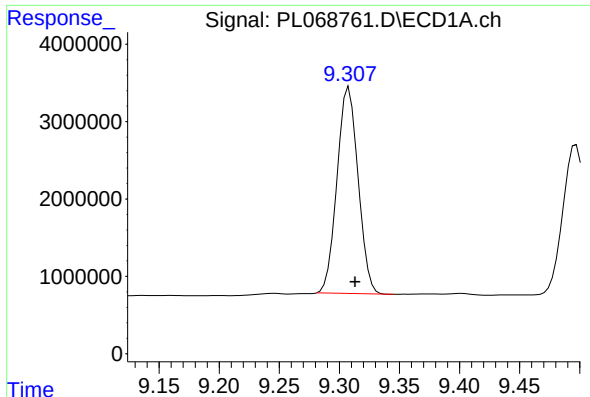
#20 Methoxychlor

R.T.: 9.082 min  
Delta R.T.: -0.005 min  
Response: 16513618  
Conc: 52.75 ng/ml



#20 Methoxychlor

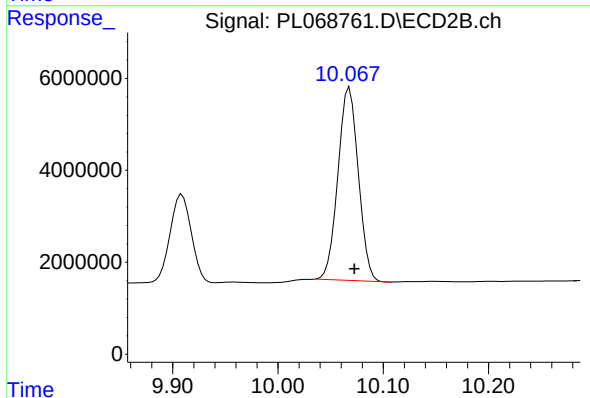
R.T.: 9.909 min  
Delta R.T.: -0.004 min  
Response: 26845182  
Conc: 51.59 ng/ml



#21 Endrin ketone

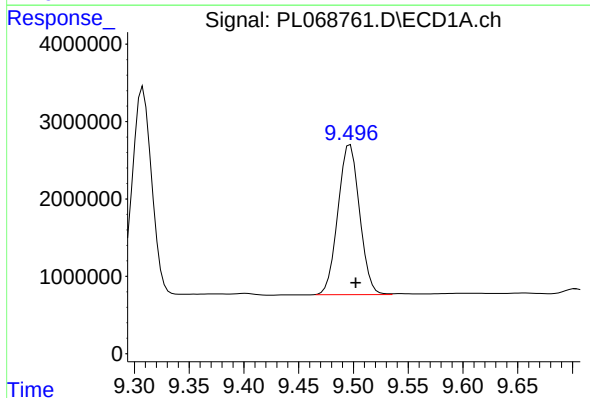
R.T.: 9.308 min  
Delta R.T.: -0.005 min  
Response: 32597487  
Conc: 55.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD



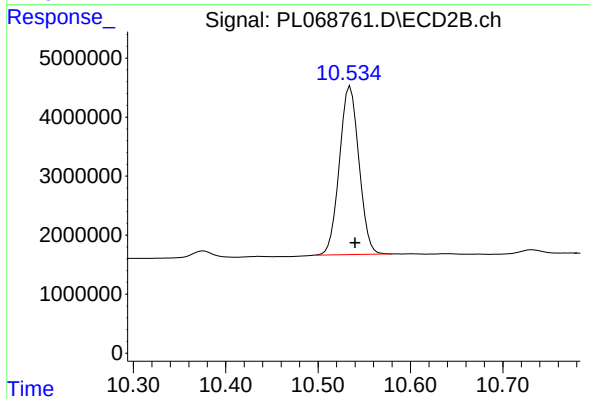
#21 Endrin ketone

R.T.: 10.068 min  
Delta R.T.: -0.005 min  
Response: 56653808  
Conc: 55.64 ng/ml



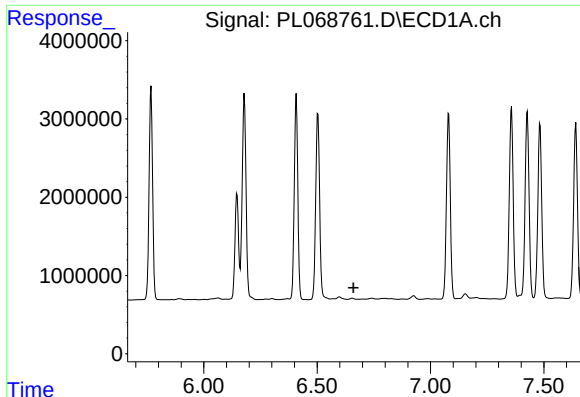
#22 Mirex

R.T.: 9.497 min  
Delta R.T.: -0.005 min  
Response: 26615517  
Conc: 53.12 ng/ml



#22 Mirex

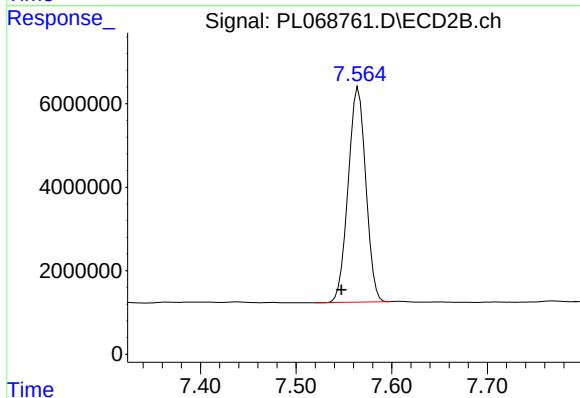
R.T.: 10.535 min  
Delta R.T.: -0.005 min  
Response: 41946460  
Conc: 53.04 ng/ml



#24 Chlordane-2

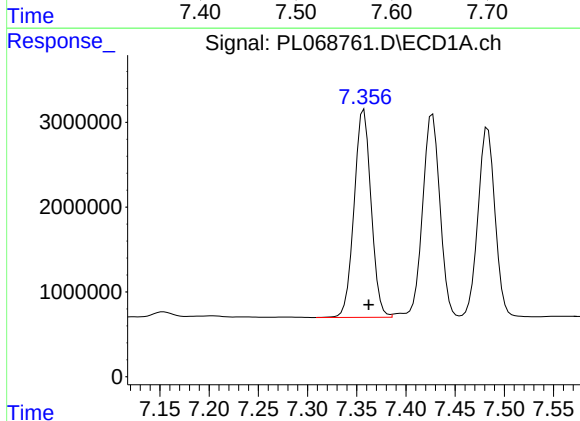
R.T.: 0.000 min  
Exp R.T.: 6.661 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD



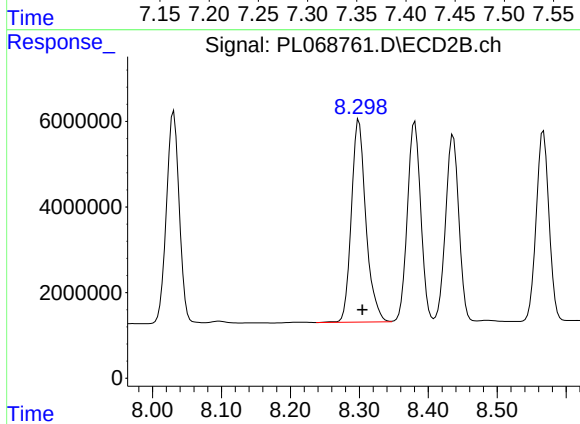
#24 Chlordane-2

R.T.: 7.565 min  
Delta R.T.: 0.018 min  
Response: 66119302  
Conc: 1526.00 ng/ml



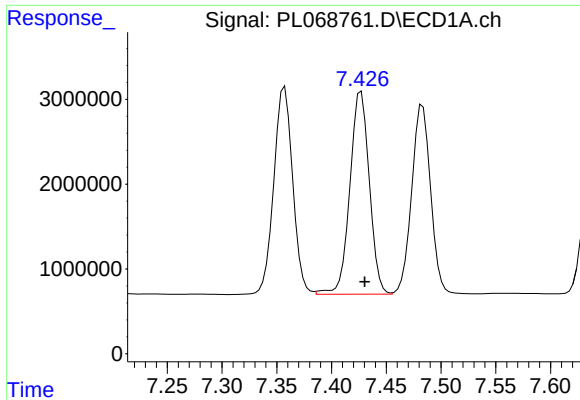
#25 Chlordane-3

R.T.: 7.357 min  
Delta R.T.: -0.005 min  
Response: 29394220  
Conc: 560.39 ng/ml



#25 Chlordane-3

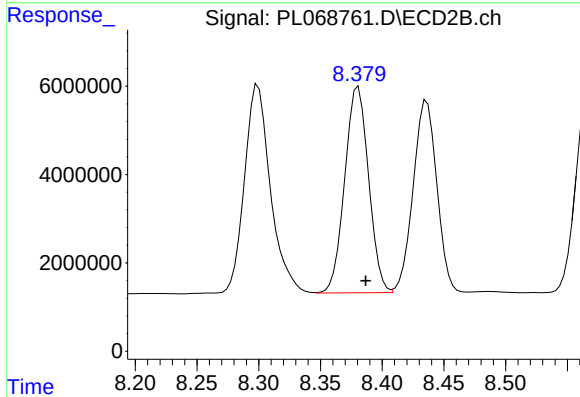
R.T.: 8.300 min  
Delta R.T.: -0.005 min  
Response: 69429515  
Conc: 425.02 ng/ml



#26 Chlordane-4

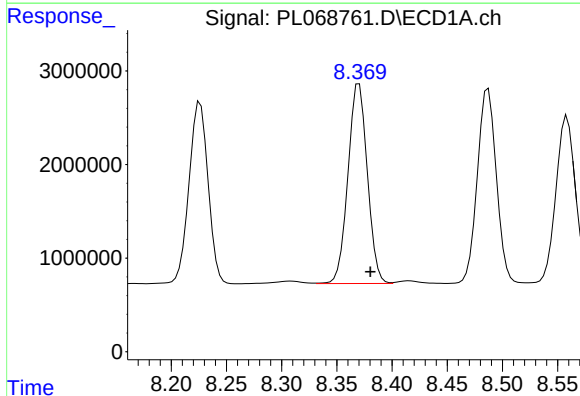
R.T.: 7.427 min  
Delta R.T.: -0.003 min  
Response: 29557721  
Conc: 531.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD



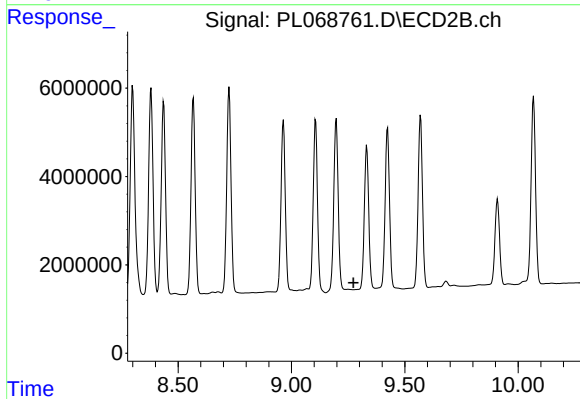
#26 Chlordane-4

R.T.: 8.381 min  
Delta R.T.: -0.006 min  
Response: 62753979  
Conc: 316.42 ng/ml



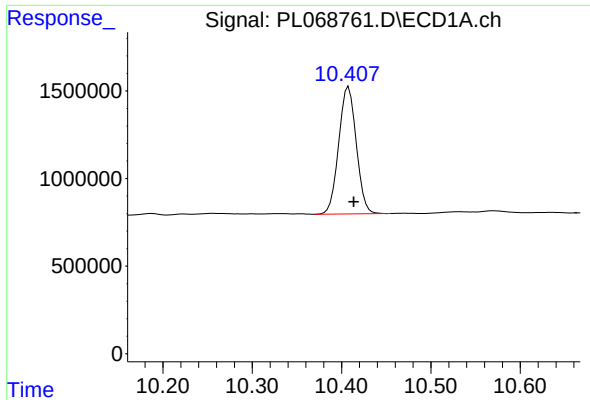
#27 Chlordane-5

R.T.: 8.370 min  
Delta R.T.: -0.010 min  
Response: 26086928  
Conc: 1265.05 ng/ml



#27 Chlordane-5

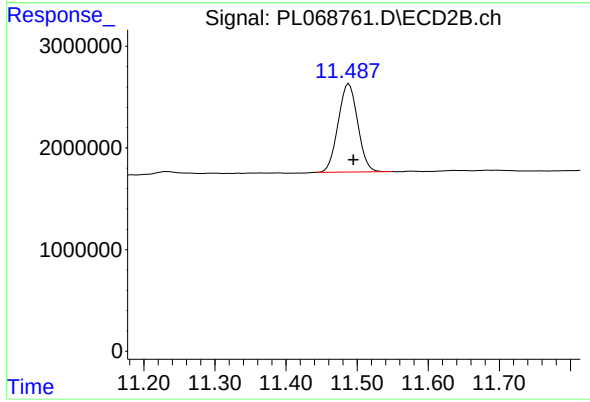
R.T.: 0.000 min  
Exp R.T.: 9.274 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.408 min  
Delta R.T.: -0.006 min  
Response: 9911082  
Conc: 17.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210589-AMENDED-COM-3MSD



#28 Decachlorobiphenyl

R.T.: 11.488 min  
Delta R.T.: -0.006 min  
Response: 16562789  
Conc: 17.07 ng/ml