

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072221\  
 Data File : PL068410.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jul 2021 23:34  
 Operator : AR\AJ  
 Sample : M3114-07MS  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 20210594-AMENDED-COM-8-SPLP

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 23 02:22:05 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 20 11:44:21 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... | 4.642  | 5.569  | 8857686  | 22085482 | 20.639  | 21.643     |
| 28)                         | SA Decachlor... | 10.416 | 11.489 | 9928953  | 15638065 | 17.654  | 17.532     |
| Target Compounds            |                 |        |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 5.349  | 6.149  | 32471912 | 72474974 | 55.471  | 53.305     |
| 3)                          | MA gamma-BHC... | 5.772  | 6.545  | 33263785 | 70793716 | 58.517  | 54.870     |
| 4)                          | MA Heptachlor   | 6.184  | 7.194  | 35003816 | 69607707 | 57.429  | 53.408     |
| 5)                          | MB Aldrin       | 6.509  | 7.565  | 32216852 | 61957049 | 57.330  | 52.220     |
| 6)                          | B beta-BHC      | 6.151  | 6.797  | 17476096 | 36037694 | 59.723  | 51.011     |
| 7)                          | B delta-BHC     | 6.412  | 7.065  | 18166252 | 37878989 | 32.514  | 30.916     |
| 8)                          | B Heptachlo...  | 7.086  | 8.032  | 33405018 | 62573183 | 60.130  | 55.344     |
| 9)                          | A Endosulfan I  | 7.489  | 8.436  | 12531221 | 21485242 | 23.721  | 20.868     |
| 10)                         | B gamma-Chl...  | 7.363  | 8.301  | 33934085 | 68544997 | 59.142  | 60.863     |
| 11)                         | B alpha-Chl...  | 7.433  | 8.381  | 33813847 | 61720483 | 58.874  | 54.877     |
| 12)                         | B 4,4'-DDE      | 7.647  | 8.569  | 29640760 | 55894270 | 58.820  | 54.236     |
| 13)                         | MA Dieldrin     | 7.775  | 8.726  | 33726398 | 60980270 | 62.655  | 57.494     |
| 14)                         | MA Endrin       | 8.067  | 8.965  | 31457396 | 51618280 | 62.903  | 57.728     |
| 15)                         | B Endosulfa...  | 8.376  | 9.198  | 6922385  | 12228915 | 14.021  | 13.492     |
| 16)                         | A 4,4'-DDD      | 8.232  | 9.107  | 20790717 | 45900297 | 46.545  | 53.907     |
| 17)                         | MA 4,4'-DDT     | 8.494  | 9.425  | 28745448 | 47149478 | 57.308  | 49.955     |
| 18)                         | B Endrin al...  | 8.565  | 9.333  | 26440521 | 44440934 | 66.746  | 61.662     |
| 19)                         | B Endosulfa...  | 8.796  | 9.570  | 29513256 | 47047893 | 56.165  | 52.248     |
| 20)                         | A Methoxychlor  | 9.089  | 9.909  | 18832537 | 27930250 | 60.205  | 54.977     |
| 21)                         | B Endrin ke...  | 9.315  | 10.069 | 35878008 | 57149300 | 60.593  | 57.302     |
| 22)                         | Mirex           | 9.505  | 10.536 | 27028919 | 39083633 | 54.734  | 50.519     |
| 24)                         | Chlordane-2     | 0.000  | 7.565f | 0        | 61957049 | N.D.    | 1489.173 # |
| 25)                         | Chlordane-3     | 7.363  | 8.301  | 33934085 | 68544997 | 630.115 | 442.598 #  |
| 26)                         | Chlordane-4     | 7.433  | 8.381  | 33813847 | 61720483 | 598.902 | 329.210 #  |
| 27)                         | Chlordane-5     | 8.376  | 0.000  | 6922385  | 0        | 343.948 | N.D. #     |
| -----                       |                 |        |        |          |          |         |            |

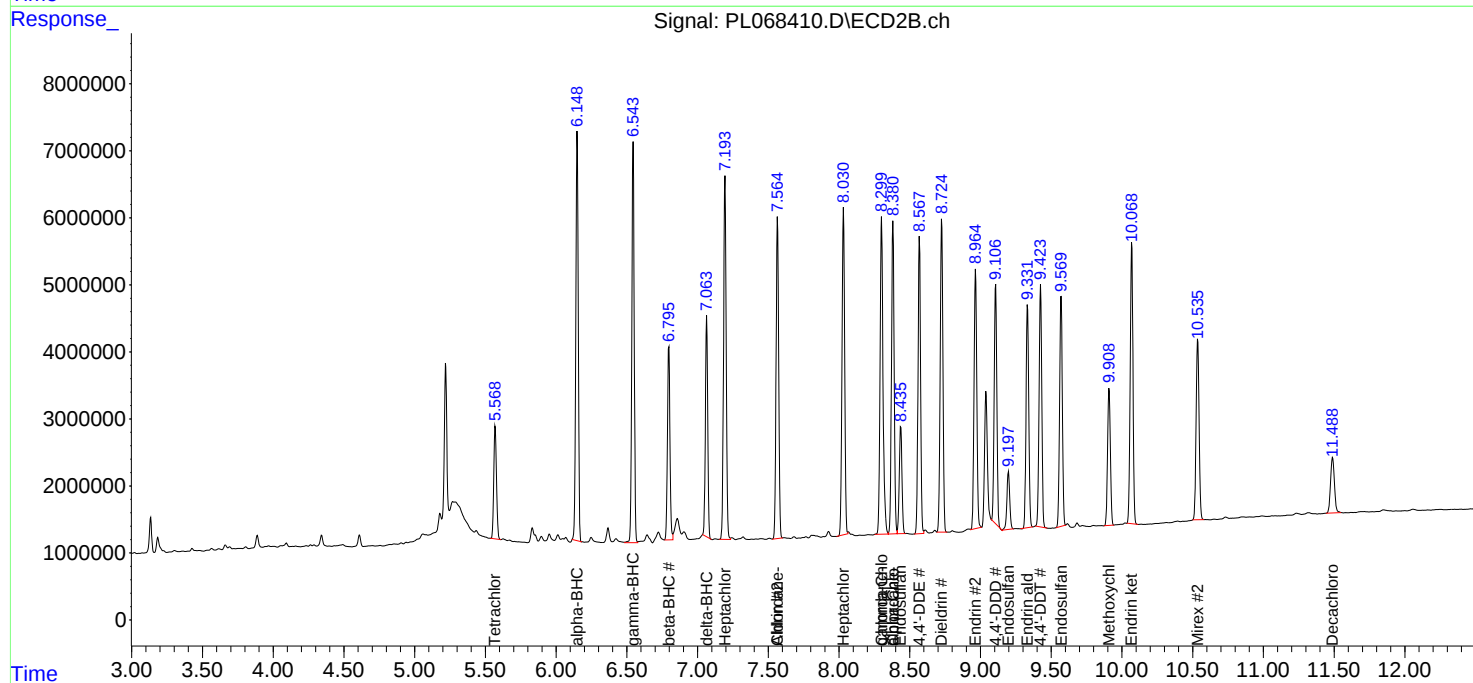
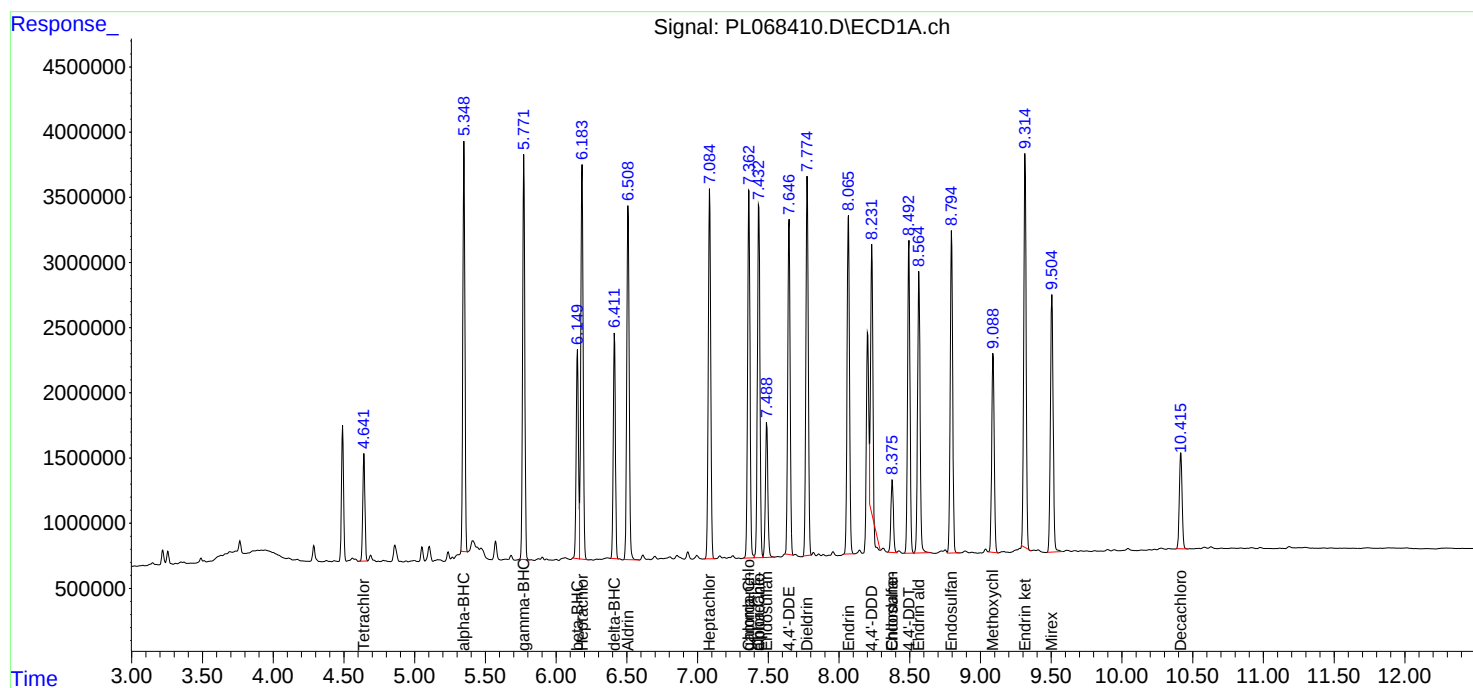
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

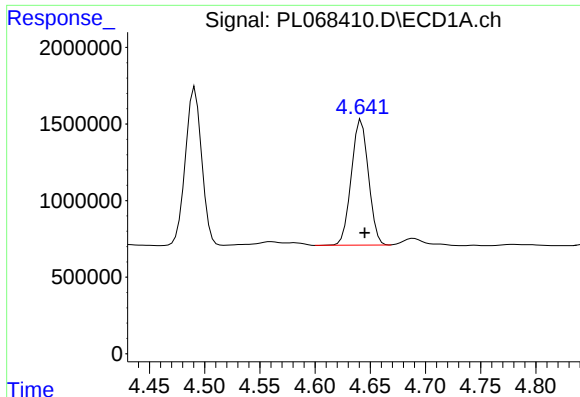
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072221\  
Data File : PL068410.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jul 2021 23:34  
Operator : AR\AJ  
Sample : M3114-07MS  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
20210594-AMENDED-COM-8-SPLP

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 23 02:22:05 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071921.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 20 11:44:21 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

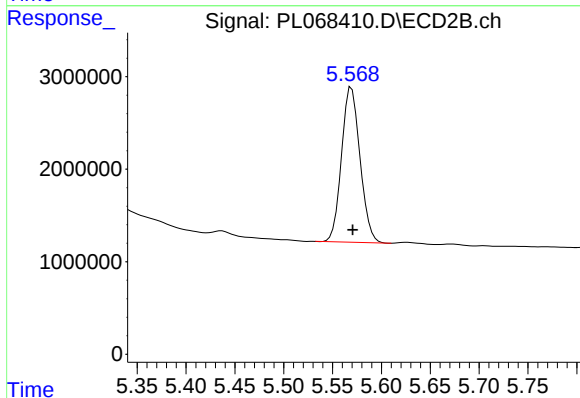




#1 Tetrachloro-m-xylene

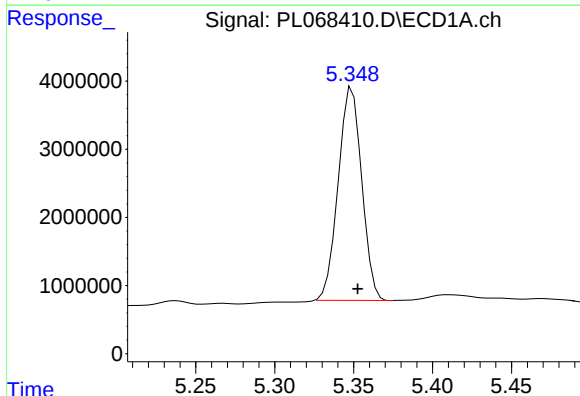
R.T.: 4.642 min  
Delta R.T.: -0.003 min  
Response: 8857686  
Conc: 20.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210594-AMENDED-COM-8-SPLP



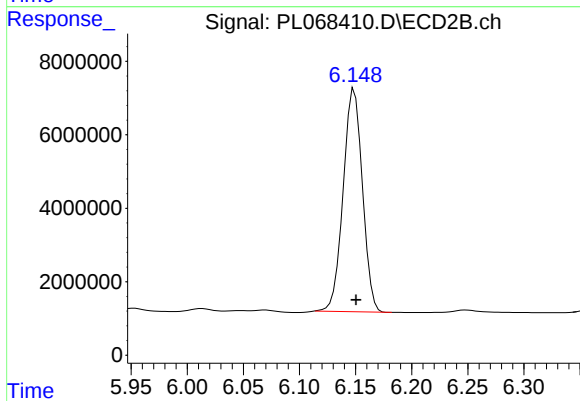
#1 Tetrachloro-m-xylene

R.T.: 5.569 min  
Delta R.T.: -0.001 min  
Response: 22085482  
Conc: 21.64 ng/ml



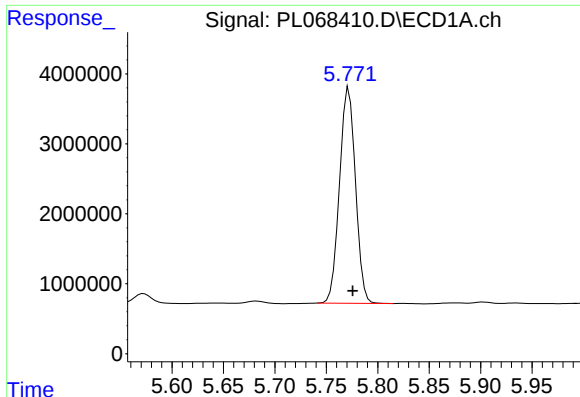
#2 alpha-BHC

R.T.: 5.349 min  
Delta R.T.: -0.004 min  
Response: 32471912  
Conc: 55.47 ng/ml



#2 alpha-BHC

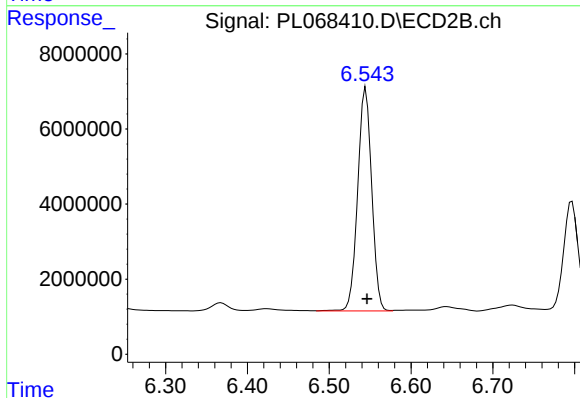
R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 72474974  
Conc: 53.31 ng/ml



#3 gamma-BHC (Lindane)

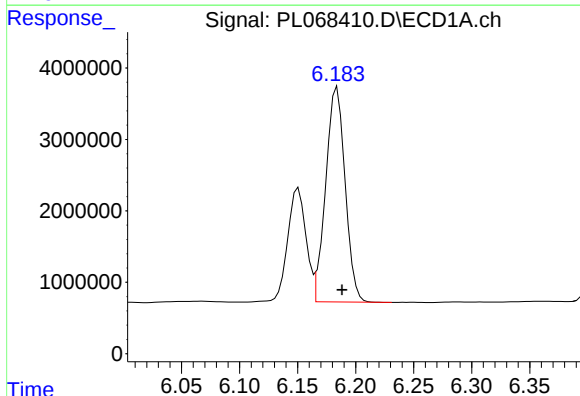
R.T.: 5.772 min  
Delta R.T.: -0.004 min  
Response: 33263785  
Conc: 58.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210594-AMENDED-COM-8-SPLP



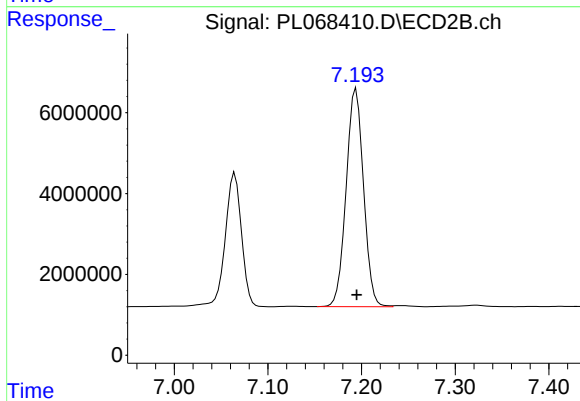
#3 gamma-BHC (Lindane)

R.T.: 6.545 min  
Delta R.T.: -0.002 min  
Response: 70793716  
Conc: 54.87 ng/ml



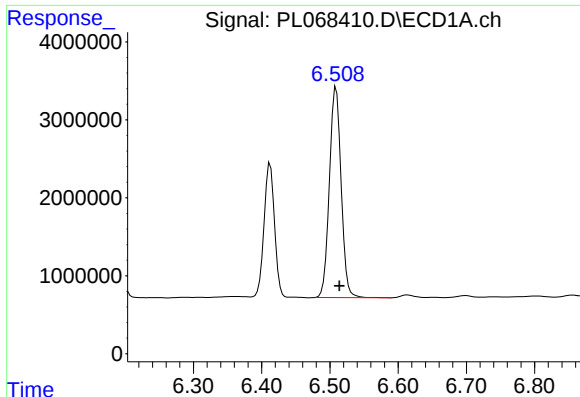
#4 Heptachlor

R.T.: 6.184 min  
Delta R.T.: -0.004 min  
Response: 35003816  
Conc: 57.43 ng/ml



#4 Heptachlor

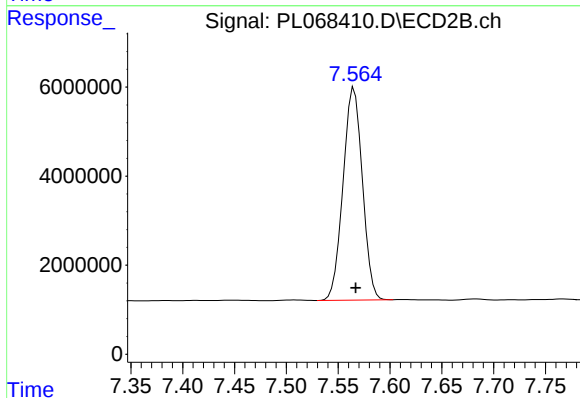
R.T.: 7.194 min  
Delta R.T.: 0.000 min  
Response: 69607707  
Conc: 53.41 ng/ml



#5 Aldrin

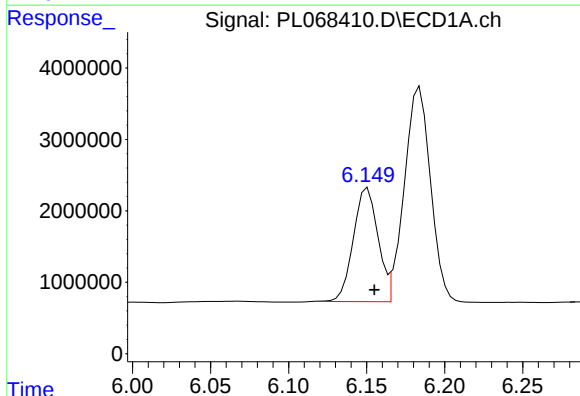
R.T.: 6.509 min  
Delta R.T.: -0.005 min  
Response: 32216852  
Conc: 57.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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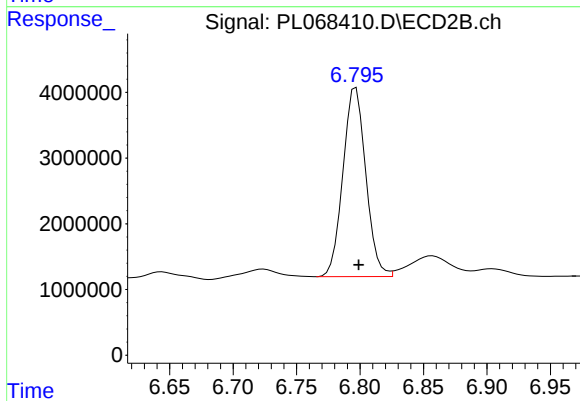
#5 Aldrin

R.T.: 7.565 min  
Delta R.T.: -0.002 min  
Response: 61957049  
Conc: 52.22 ng/ml



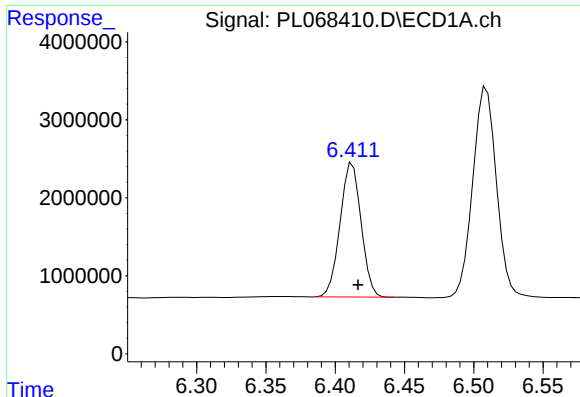
#6 beta-BHC

R.T.: 6.151 min  
Delta R.T.: -0.004 min  
Response: 17476096  
Conc: 59.72 ng/ml



#6 beta-BHC

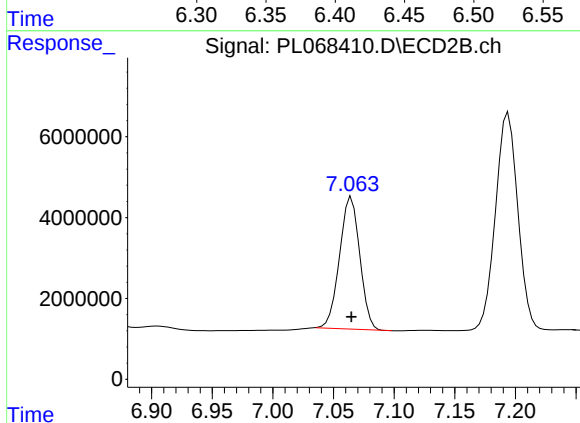
R.T.: 6.797 min  
Delta R.T.: -0.002 min  
Response: 36037694  
Conc: 51.01 ng/ml



#7 delta-BHC

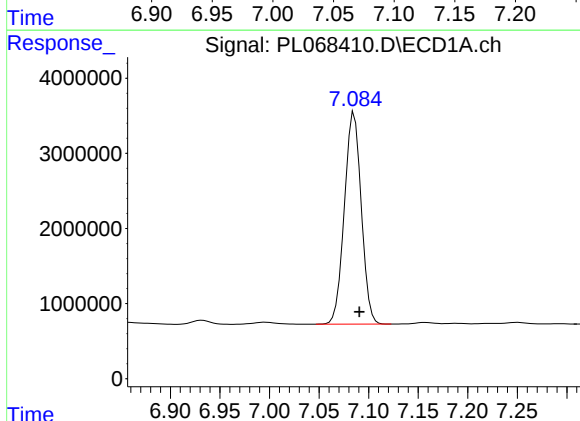
R.T.: 6.412 min  
Delta R.T.: -0.004 min  
Response: 18166252  
Conc: 32.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210594-AMENDED-COM-8-SPLP



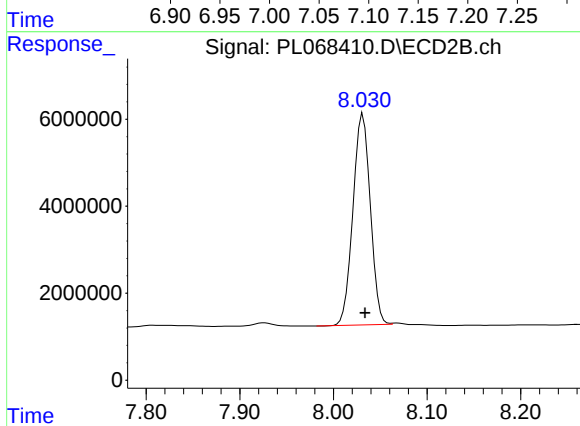
#7 delta-BHC

R.T.: 7.065 min  
Delta R.T.: 0.000 min  
Response: 37878989  
Conc: 30.92 ng/ml



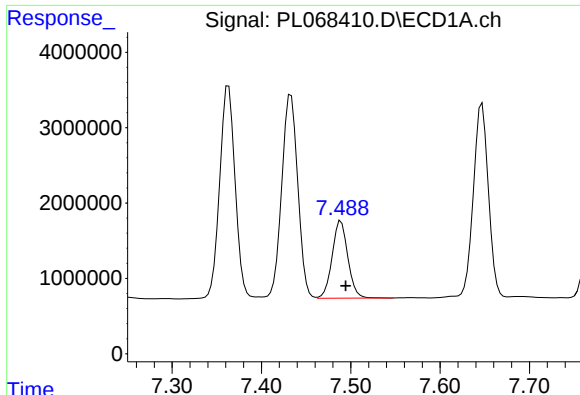
#8 Heptachlor epoxide

R.T.: 7.086 min  
Delta R.T.: -0.005 min  
Response: 33405018  
Conc: 60.13 ng/ml



#8 Heptachlor epoxide

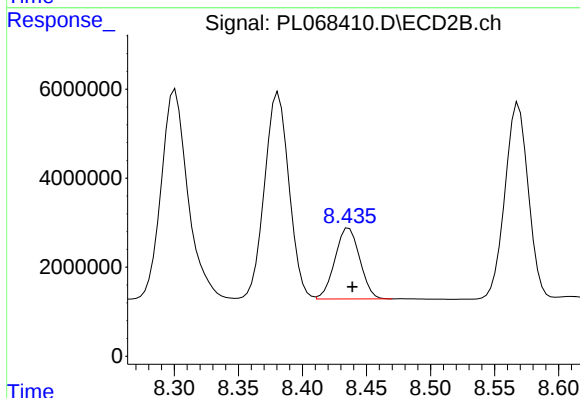
R.T.: 8.032 min  
Delta R.T.: -0.002 min  
Response: 62573183  
Conc: 55.34 ng/ml



#9 Endosulfan I

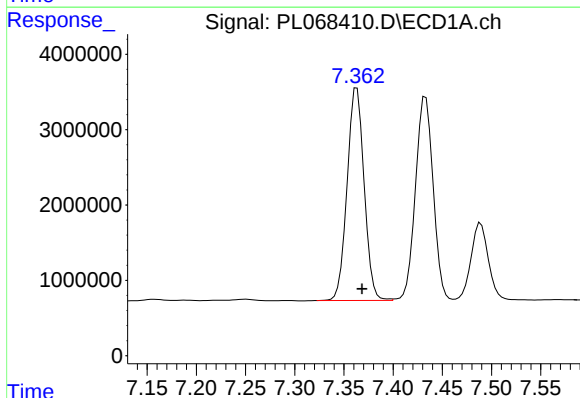
R.T.: 7.489 min  
Delta R.T.: -0.005 min  
Response: 12531221  
Conc: 23.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210594-AMENDED-COM-8-SPLP



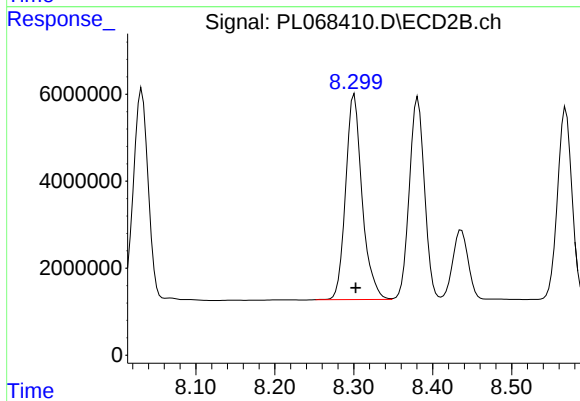
#9 Endosulfan I

R.T.: 8.436 min  
Delta R.T.: -0.003 min  
Response: 21485242  
Conc: 20.87 ng/ml



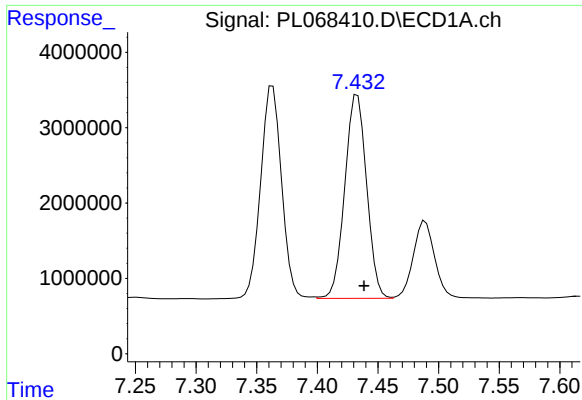
#10 gamma-Chlordane

R.T.: 7.363 min  
Delta R.T.: -0.005 min  
Response: 33934085  
Conc: 59.14 ng/ml



#10 gamma-Chlordane

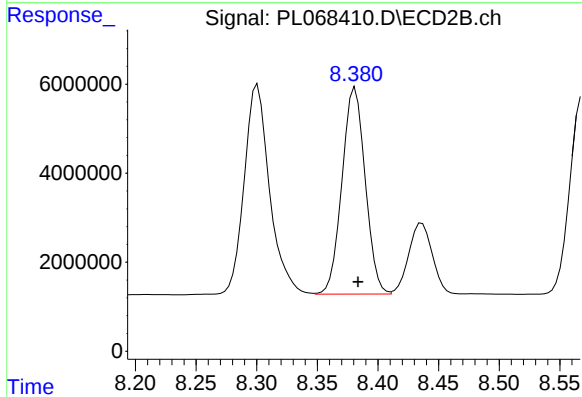
R.T.: 8.301 min  
Delta R.T.: -0.002 min  
Response: 68544997  
Conc: 60.86 ng/ml



#11 alpha-Chlordane

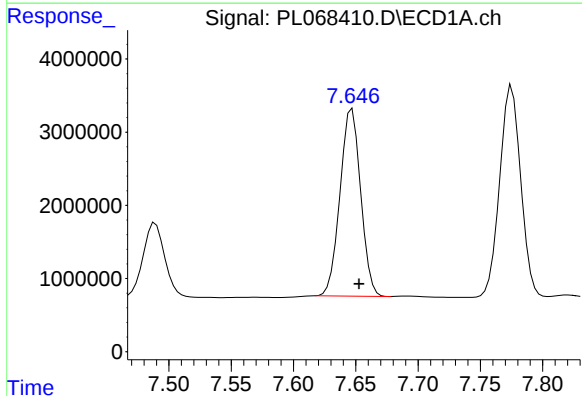
R.T.: 7.433 min  
Delta R.T.: -0.005 min  
Response: 33813847  
Conc: 58.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210594-AMENDED-COM-8-SPLP



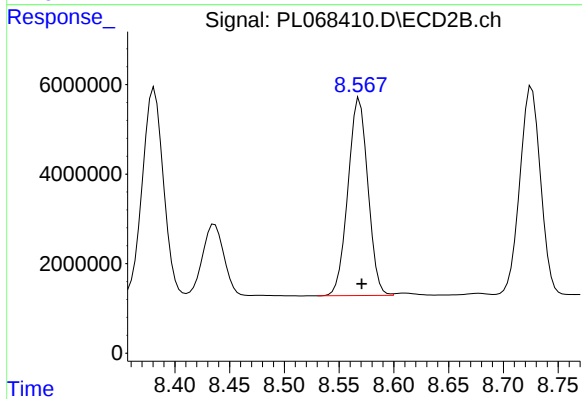
#11 alpha-Chlordane

R.T.: 8.381 min  
Delta R.T.: -0.002 min  
Response: 61720483  
Conc: 54.88 ng/ml



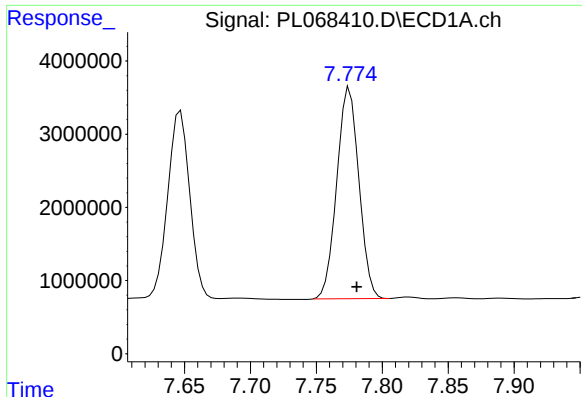
#12 4,4'-DDE

R.T.: 7.647 min  
Delta R.T.: -0.006 min  
Response: 29640760  
Conc: 58.82 ng/ml



#12 4,4'-DDE

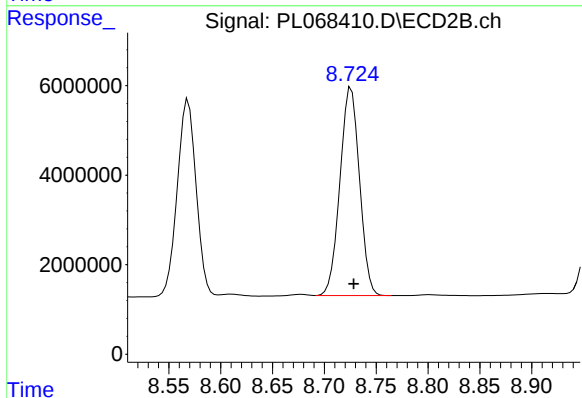
R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 55894270  
Conc: 54.24 ng/ml



#13 Dieldrin

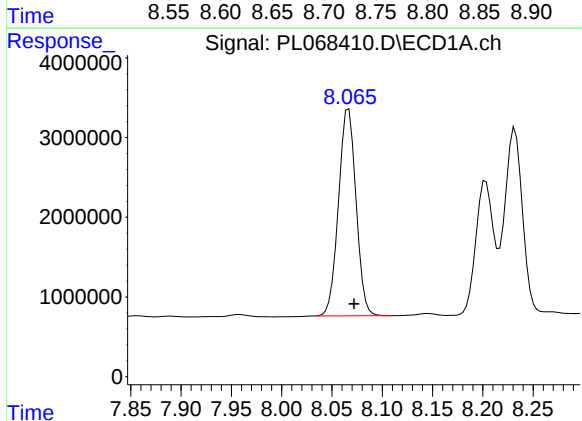
R.T.: 7.775 min  
Delta R.T.: -0.005 min  
Response: 33726398  
Conc: 62.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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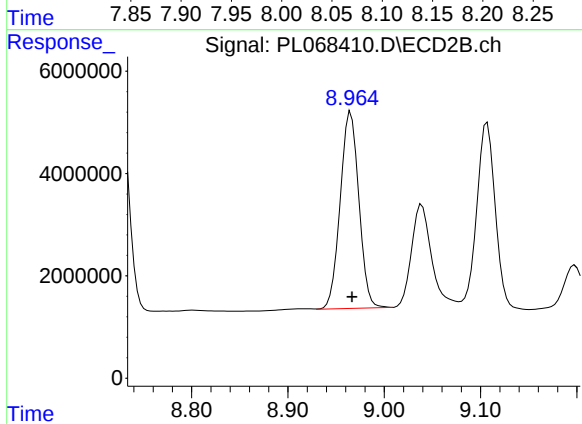
#13 Dieldrin

R.T.: 8.726 min  
Delta R.T.: -0.003 min  
Response: 60980270  
Conc: 57.49 ng/ml



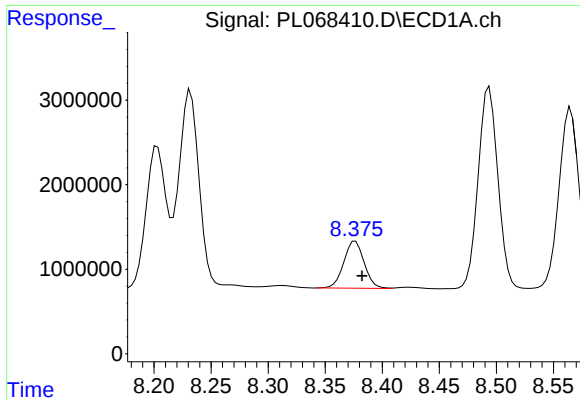
#14 Endrin

R.T.: 8.067 min  
Delta R.T.: -0.005 min  
Response: 31457396  
Conc: 62.90 ng/ml



#14 Endrin

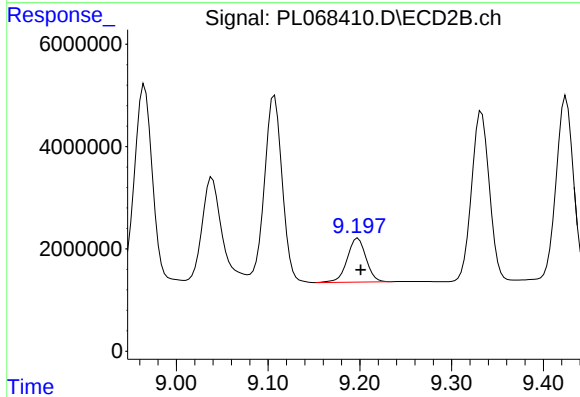
R.T.: 8.965 min  
Delta R.T.: -0.001 min  
Response: 51618280  
Conc: 57.73 ng/ml



#15 Endosulfan II

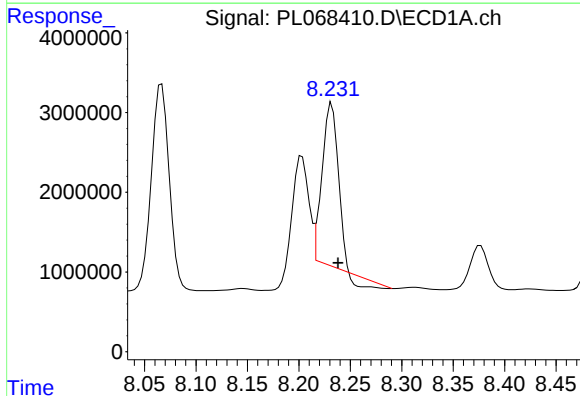
R.T.: 8.376 min  
Delta R.T.: -0.006 min  
Response: 6922385  
Conc: 14.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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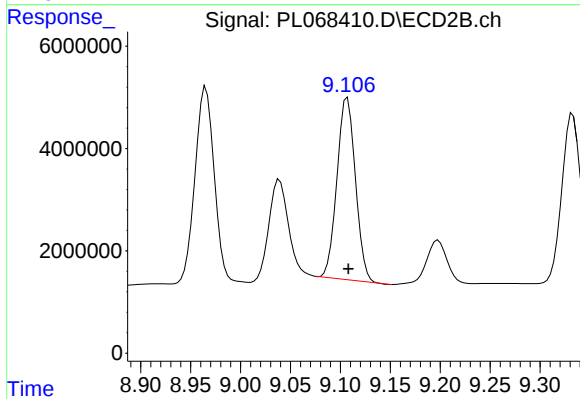
#15 Endosulfan II

R.T.: 9.198 min  
Delta R.T.: -0.003 min  
Response: 12228915  
Conc: 13.49 ng/ml



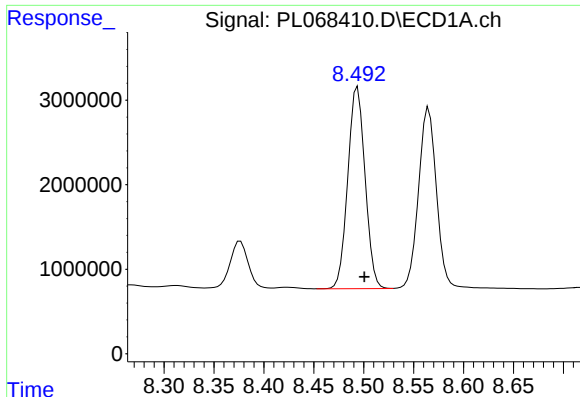
#16 4,4'-DDD

R.T.: 8.232 min  
Delta R.T.: -0.006 min  
Response: 20790717  
Conc: 46.54 ng/ml



#16 4,4'-DDD

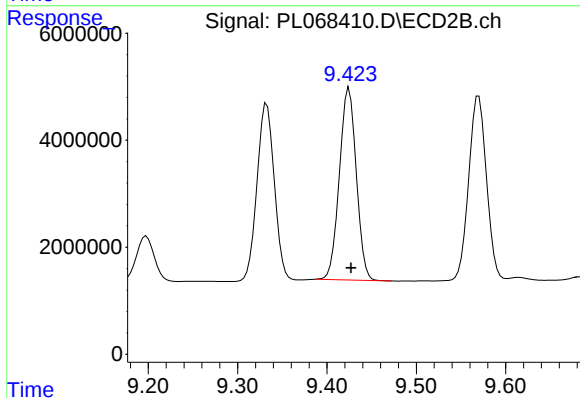
R.T.: 9.107 min  
Delta R.T.: 0.000 min  
Response: 45900297  
Conc: 53.91 ng/ml



#17 4,4'-DDT

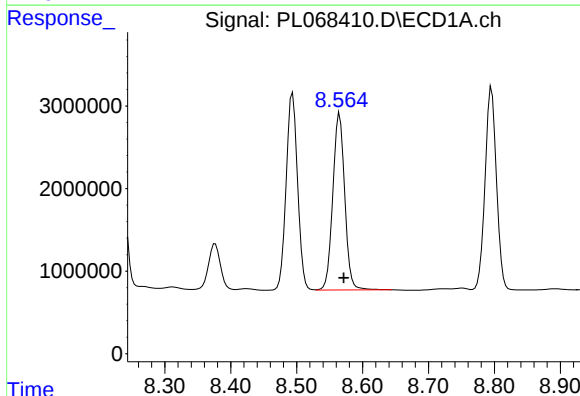
R.T.: 8.494 min  
Delta R.T.: -0.007 min  
Response: 28745448  
Conc: 57.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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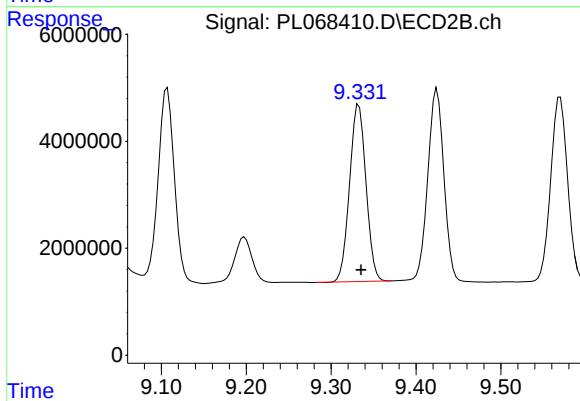
#17 4,4'-DDT

R.T.: 9.425 min  
Delta R.T.: -0.002 min  
Response: 47149478  
Conc: 49.95 ng/ml



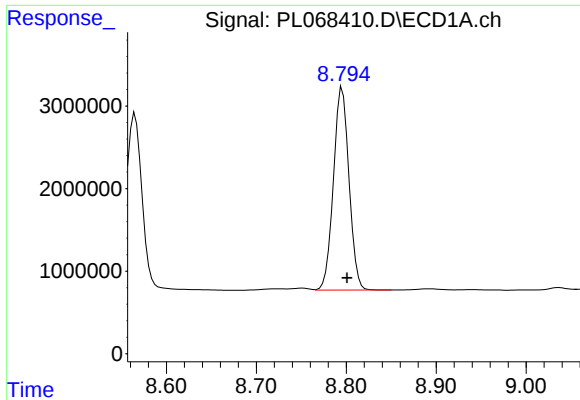
#18 Endrin aldehyde

R.T.: 8.565 min  
Delta R.T.: -0.006 min  
Response: 26440521  
Conc: 66.75 ng/ml



#18 Endrin aldehyde

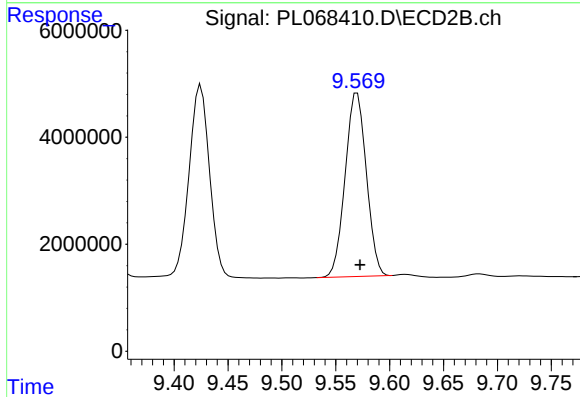
R.T.: 9.333 min  
Delta R.T.: -0.003 min  
Response: 44440934  
Conc: 61.66 ng/ml



#19 Endosulfan Sulfate

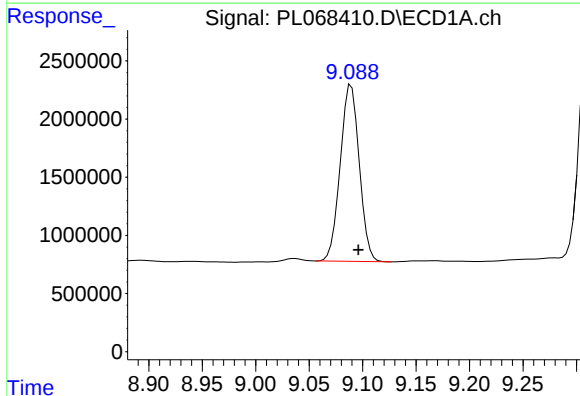
R.T.: 8.796 min  
Delta R.T.: -0.005 min  
Response: 29513256  
Conc: 56.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210594-AMENDED-COM-8-SPLP



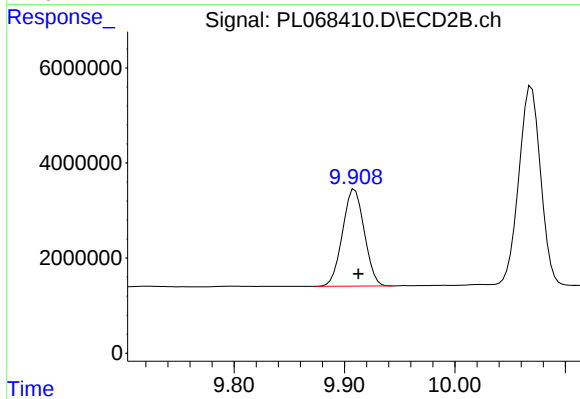
#19 Endosulfan Sulfate

R.T.: 9.570 min  
Delta R.T.: -0.003 min  
Response: 47047893  
Conc: 52.25 ng/ml



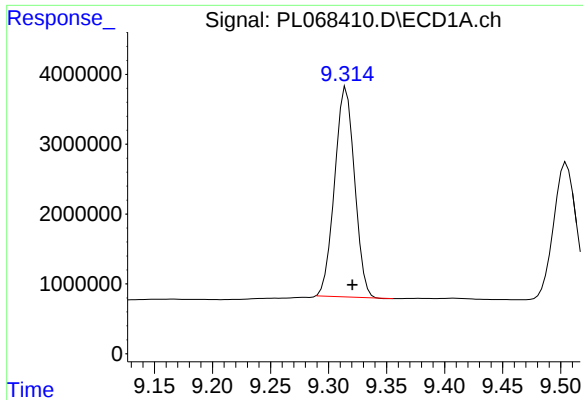
#20 Methoxychlor

R.T.: 9.089 min  
Delta R.T.: -0.007 min  
Response: 18832537  
Conc: 60.20 ng/ml



#20 Methoxychlor

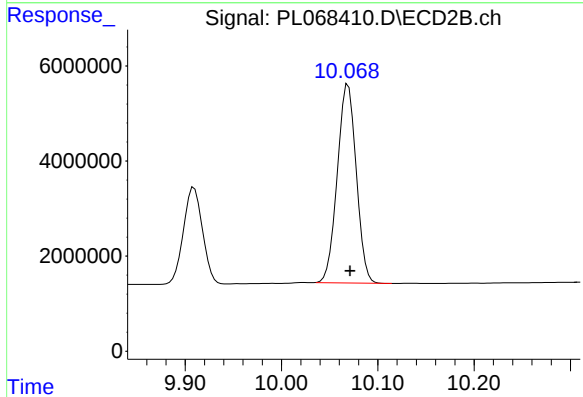
R.T.: 9.909 min  
Delta R.T.: -0.003 min  
Response: 27930250  
Conc: 54.98 ng/ml



#21 Endrin ketone

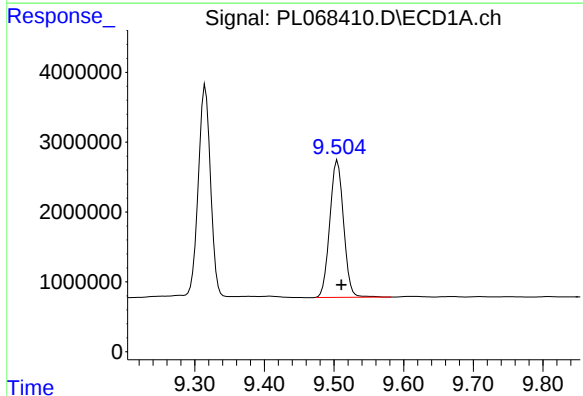
R.T.: 9.315 min  
Delta R.T.: -0.005 min  
Response: 35878008  
Conc: 60.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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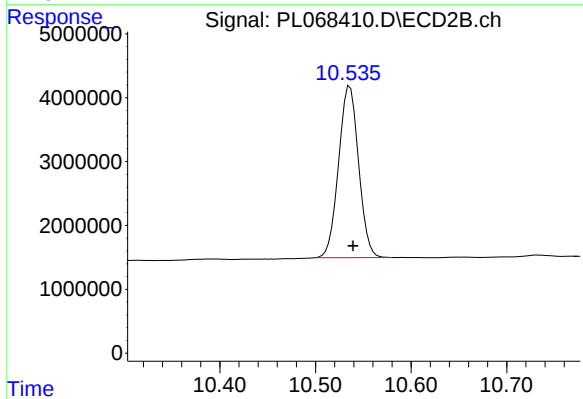
#21 Endrin ketone

R.T.: 10.069 min  
Delta R.T.: -0.002 min  
Response: 57149300  
Conc: 57.30 ng/ml



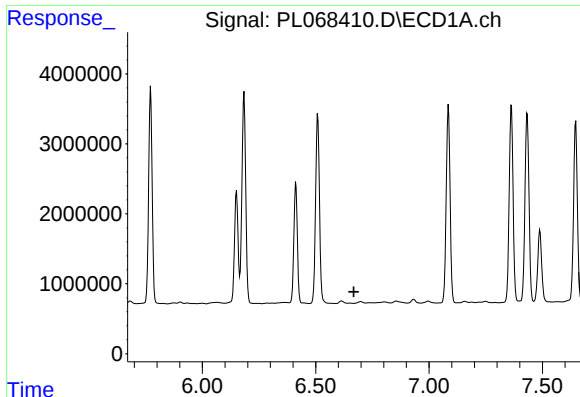
#22 Mirex

R.T.: 9.505 min  
Delta R.T.: -0.006 min  
Response: 27028919  
Conc: 54.73 ng/ml



#22 Mirex

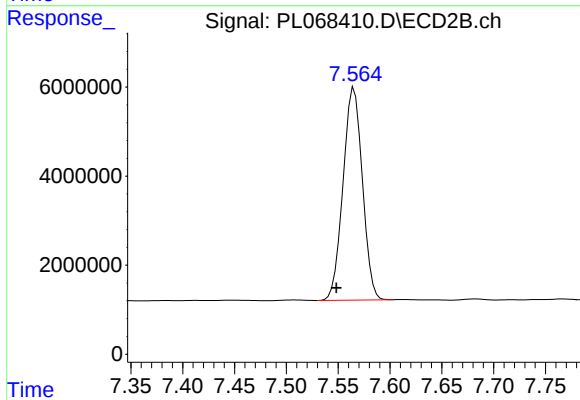
R.T.: 10.536 min  
Delta R.T.: -0.003 min  
Response: 39083633  
Conc: 50.52 ng/ml



#24 Chlordane-2

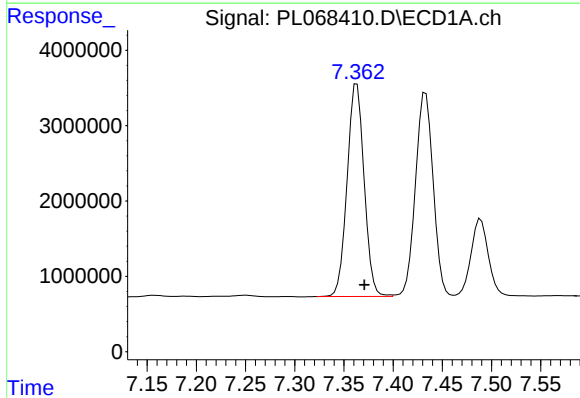
R.T.: 0.000 min  
Exp R.T.: 6.668 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
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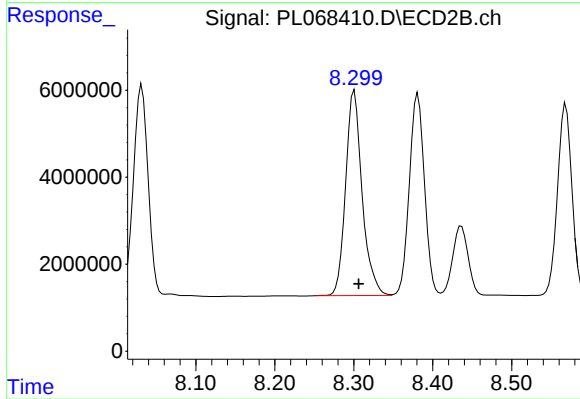
#24 Chlordane-2

R.T.: 7.565 min  
Delta R.T.: 0.017 min  
Response: 61957049  
Conc: 1489.17 ng/ml



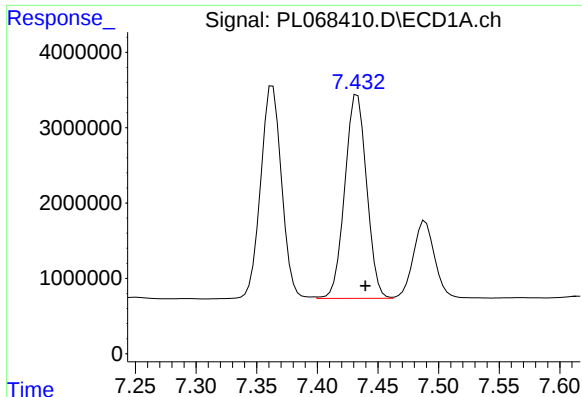
#25 Chlordane-3

R.T.: 7.363 min  
Delta R.T.: -0.008 min  
Response: 33934085  
Conc: 630.11 ng/ml



#25 Chlordane-3

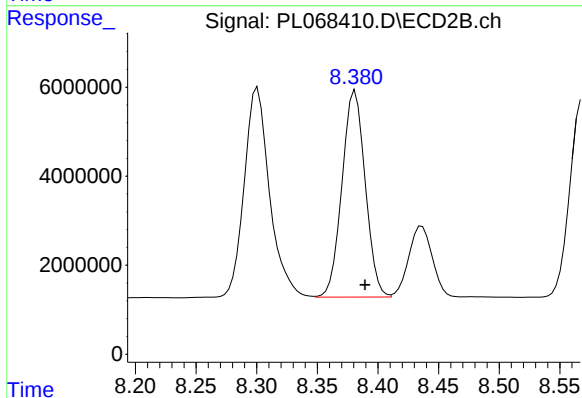
R.T.: 8.301 min  
Delta R.T.: -0.006 min  
Response: 68544997  
Conc: 442.60 ng/ml



#26 Chlordane-4

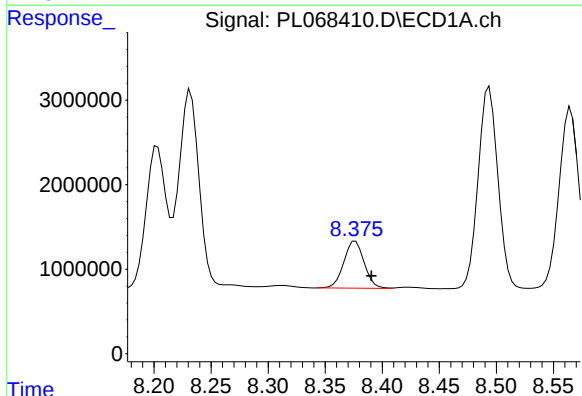
R.T.: 7.433 min  
Delta R.T.: -0.007 min  
Response: 33813847  
Conc: 598.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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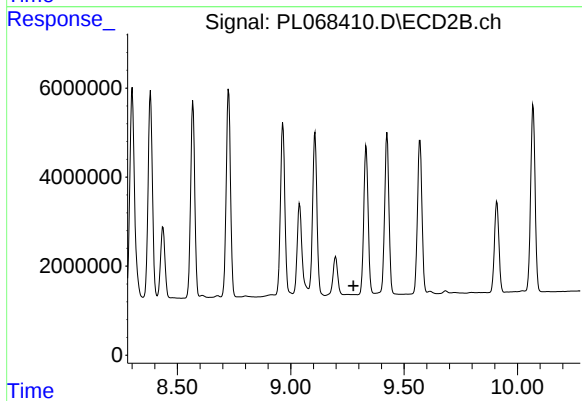
#26 Chlordane-4

R.T.: 8.381 min  
Delta R.T.: -0.008 min  
Response: 61720483  
Conc: 329.21 ng/ml



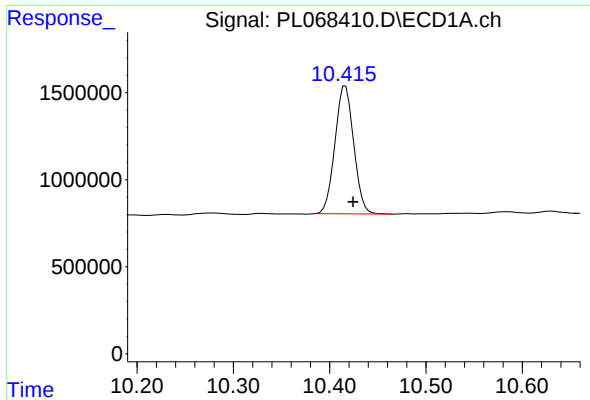
#27 Chlordane-5

R.T.: 8.376 min  
Delta R.T.: -0.014 min  
Response: 6922385  
Conc: 343.95 ng/ml



#27 Chlordane-5

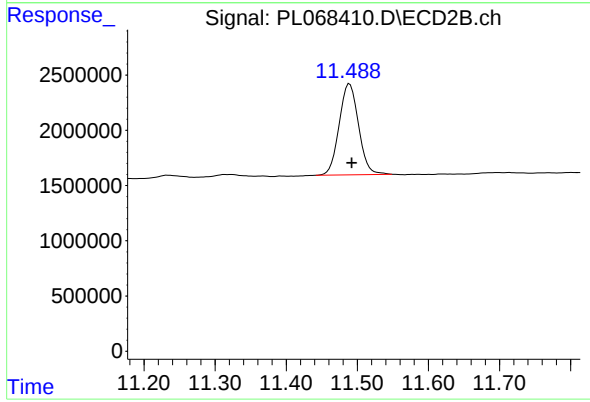
R.T.: 0.000 min  
Exp R.T.: 9.277 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.416 min  
Delta R.T.: -0.008 min  
Response: 9928953  
Conc: 17.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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#28 Decachlorobiphenyl

R.T.: 11.489 min  
Delta R.T.: -0.003 min  
Response: 15638065  
Conc: 17.53 ng/ml