

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072221\  
 Data File : PL068397.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Jul 2021 19:42  
 Operator : AR\AJ  
 Sample : M3118-04MS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 20210588-AMENDED-COM-2MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 23 02:18:34 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... | 4.643  | 5.570  | 8343554  | 20709557 | 19.441   | 20.295     |
| 28)                         | SA Decachlor... | 10.418 | 11.491 | 7995323  | 12908704 | 14.216   | 14.472     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 5.350  | 6.149  | 29723638 | 67006715 | 50.776   | 49.283     |
| 3)                          | MA gamma-BHC... | 5.773  | 6.545  | 29676202 | 65178763 | 52.206   | 50.518     |
| 4)                          | MA Heptachlor   | 6.185  | 7.195  | 32609752 | 65651172 | 53.501   | 50.372     |
| 5)                          | MB Aldrin       | 6.510  | 7.566  | 30442536 | 58853182 | 54.173   | 49.604     |
| 6)                          | B beta-BHC      | 6.152  | 6.797  | 15696559 | 32761304 | 53.641   | 46.374     |
| 7)                          | B delta-BHC     | 6.413  | 7.065  | 16830343 | 35568034 | 30.123   | 29.030     |
| 8)                          | B Heptachlo...  | 7.087  | 8.032  | 29627756 | 55210695 | 53.330   | 48.832     |
| 9)                          | A Endosulfan I  | 7.490  | 8.438  | 27414240 | 50395367 | 51.894   | 48.947     |
| 10)                         | B gamma-Chl...  | 7.364  | 8.301  | 30802224 | 54487138 | 53.684   | 48.381     |
| 11)                         | B alpha-Chl...  | 7.434  | 8.382  | 30413688 | 54807045 | 52.954   | 48.730     |
| 12)                         | B 4,4'-DDE      | 7.649  | 8.569  | 27689185 | 47788635 | 54.948   | 46.371     |
| 13)                         | MA Dieldrin     | 7.777  | 8.727  | 29288315 | 51894903 | 54.411   | 48.928     |
| 14)                         | MA Endrin       | 8.068  | 8.966  | 27270087 | 43881000 | 54.530   | 49.075     |
| 15)                         | B Endosulfa...  | 8.378  | 9.199  | 26321634 | 45178607 | 53.314   | 49.844     |
| 16)                         | A 4,4'-DDD      | 8.234  | 9.108  | 23062732 | 41275905 | 51.631   | 48.476     |
| 17)                         | MA 4,4'-DDT     | 8.496  | 9.426  | 25638884 | 41891876 | 51.115   | 44.384     |
| 18)                         | B Endrin al...  | 8.567  | 9.334  | 23146205 | 38578746 | 58.430   | 53.528     |
| 19)                         | B Endosulfa...  | 8.797  | 9.571  | 25774415 | 40761579 | 49.050   | 45.267     |
| 20)                         | A Methoxychlor  | 9.091  | 9.911  | 15935903 | 24066987 | 50.945   | 47.373     |
| 21)                         | B Endrin ke...  | 9.317  | 10.070 | 30535711 | 47980997 | 51.570   | 48.109     |
| 22)                         | Mirex           | 9.507  | 10.536 | 25086171 | 36062220 | 50.800   | 46.614     |
| 23)                         | Chlordane-1     | 0.000  | 6.987f | 0        | 126567   | N.D.     | 3.124 #    |
| 24)                         | Chlordane-2     | 0.000  | 7.566f | 0        | 58853182 | N.D.     | 1414.570 # |
| 25)                         | Chlordane-3     | 7.364  | 8.301  | 30802224 | 54487138 | 571.960  | 351.826 #  |
| 26)                         | Chlordane-4     | 7.434  | 8.382  | 30413688 | 54807045 | 538.679  | 292.334 #  |
| 27)                         | Chlordane-5     | 8.378  | 0.000  | 26321634 | 0        | 1307.826 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

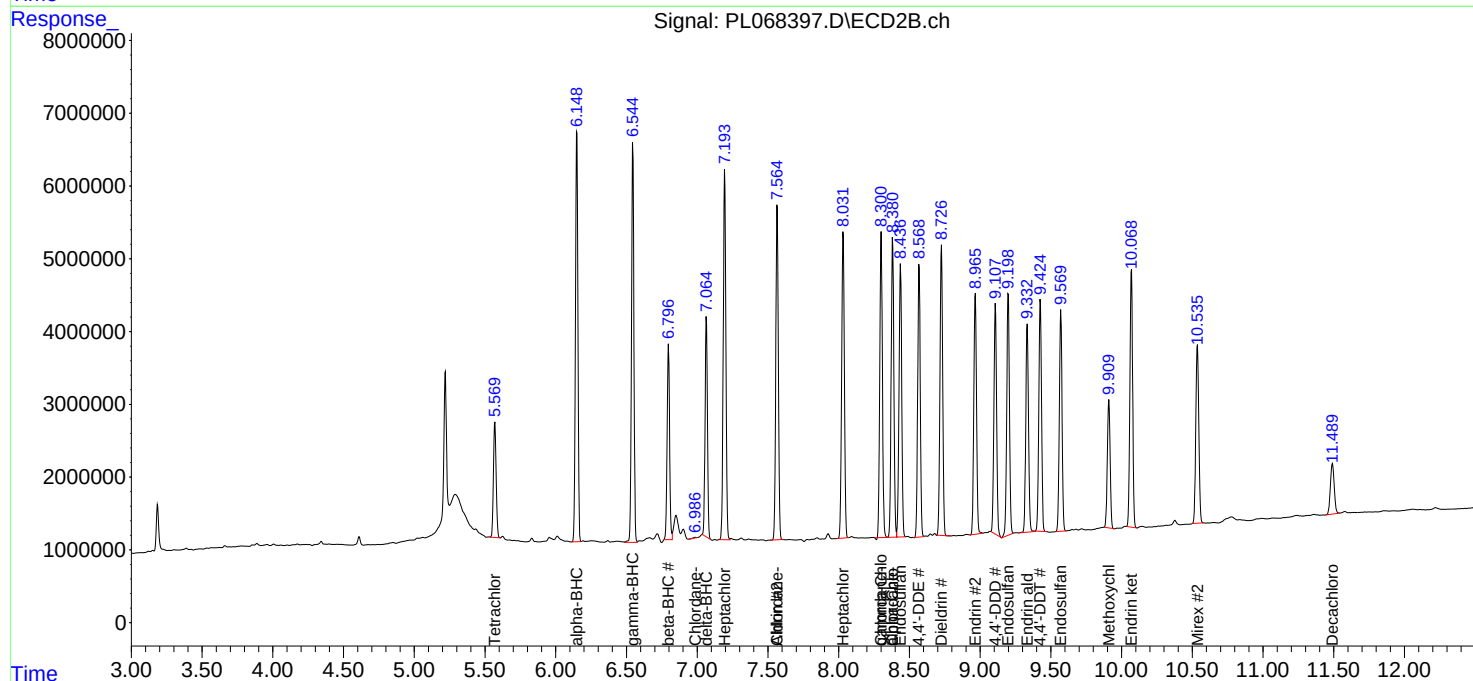
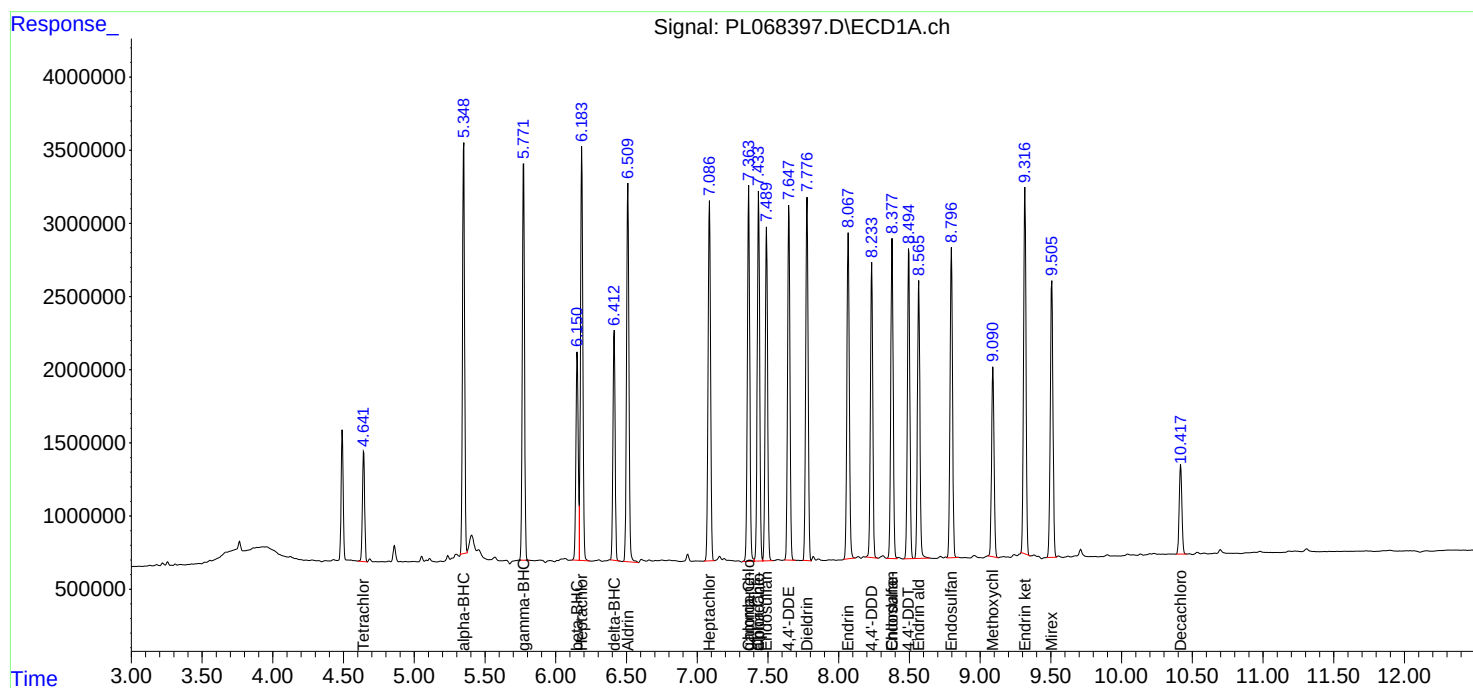
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

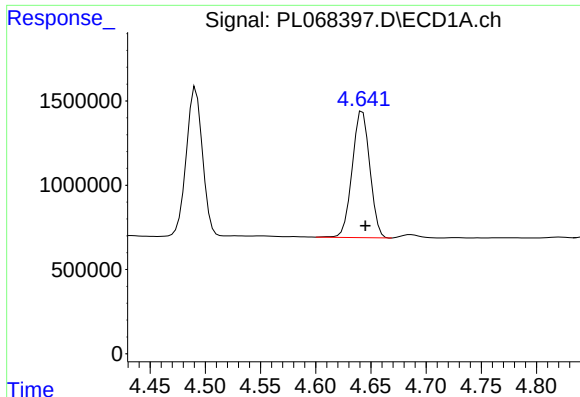
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072221\  
Data File : PL068397.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Jul 2021 19:42  
Operator : AR\AJ  
Sample : M3118-04MS  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 23 02:18:34 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

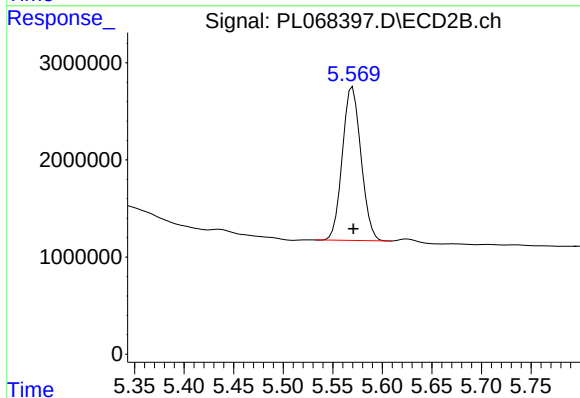




#1 Tetrachloro-m-xylene

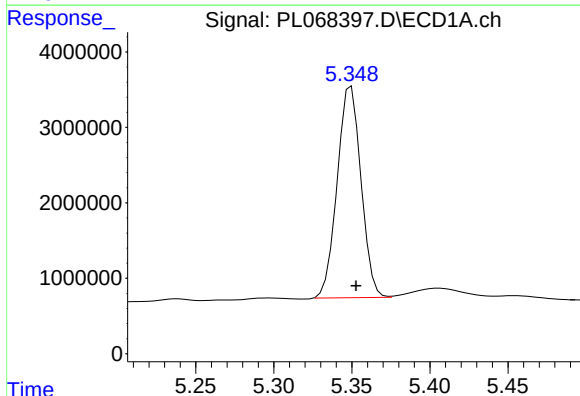
R.T.: 4.643 min  
Delta R.T.: -0.002 min  
Response: 8343554  
Conc: 19.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS



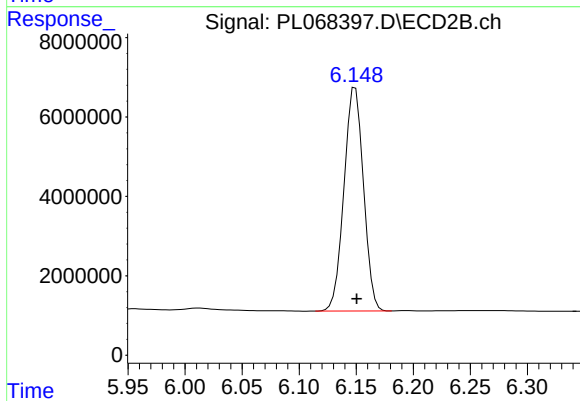
#1 Tetrachloro-m-xylene

R.T.: 5.570 min  
Delta R.T.: 0.000 min  
Response: 20709557  
Conc: 20.29 ng/ml



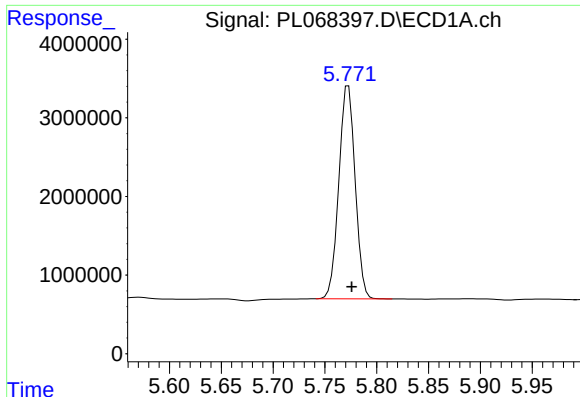
#2 alpha-BHC

R.T.: 5.350 min  
Delta R.T.: -0.003 min  
Response: 29723638  
Conc: 50.78 ng/ml



#2 alpha-BHC

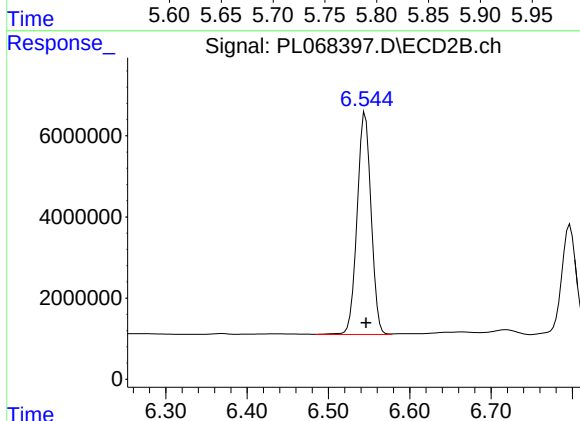
R.T.: 6.149 min  
Delta R.T.: -0.001 min  
Response: 67006715  
Conc: 49.28 ng/ml



#3 gamma-BHC (Lindane)

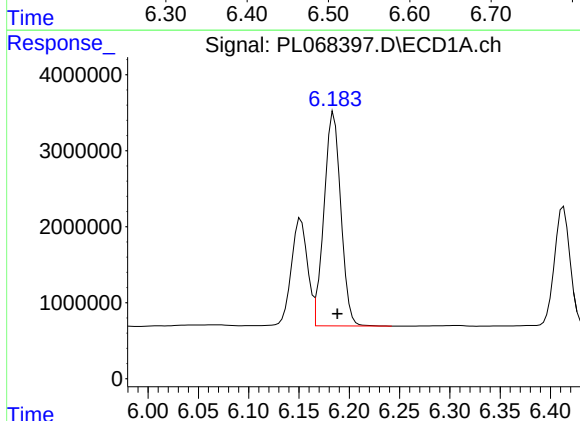
R.T.: 5.773 min  
Delta R.T.: -0.003 min  
Response: 29676202  
Conc: 52.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS



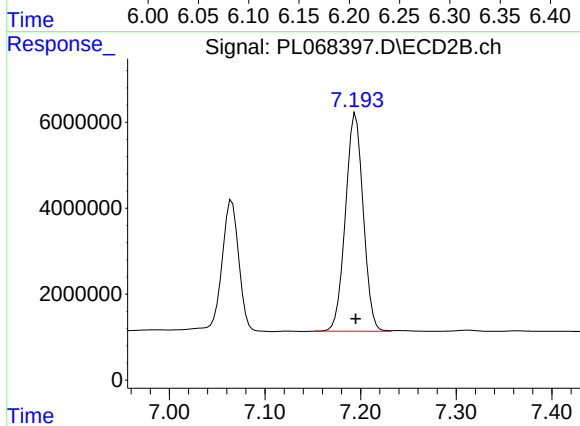
#3 gamma-BHC (Lindane)

R.T.: 6.545 min  
Delta R.T.: -0.001 min  
Response: 65178763  
Conc: 50.52 ng/ml



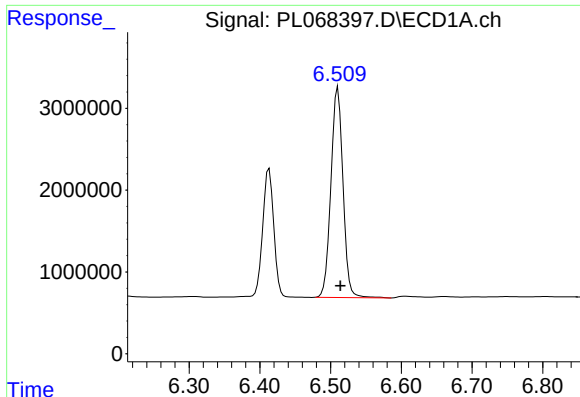
#4 Heptachlor

R.T.: 6.185 min  
Delta R.T.: -0.004 min  
Response: 32609752  
Conc: 53.50 ng/ml



#4 Heptachlor

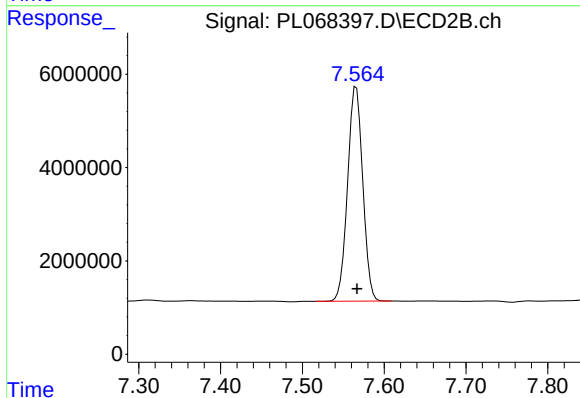
R.T.: 7.195 min  
Delta R.T.: 0.000 min  
Response: 65651172  
Conc: 50.37 ng/ml



#5 Aldrin

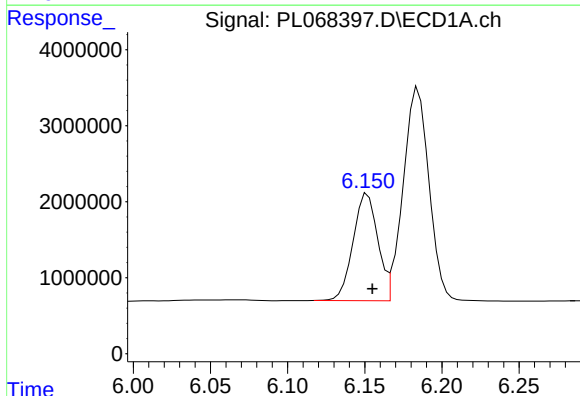
R.T.: 6.510 min  
Delta R.T.: -0.003 min  
Response: 30442536  
Conc: 54.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS



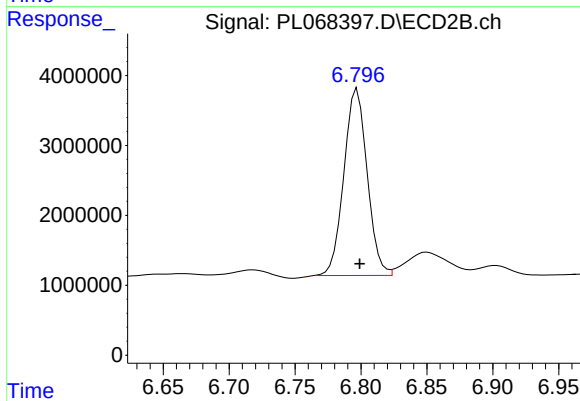
#5 Aldrin

R.T.: 7.566 min  
Delta R.T.: -0.001 min  
Response: 58853182  
Conc: 49.60 ng/ml



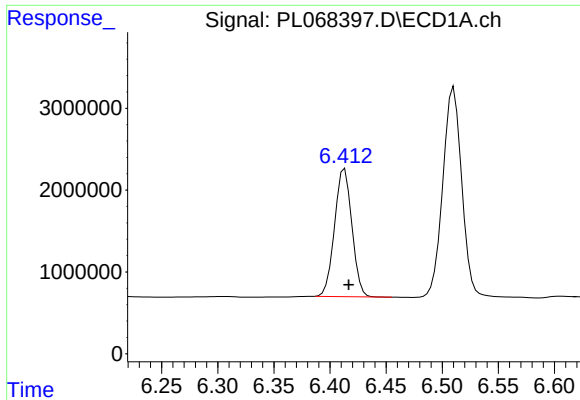
#6 beta-BHC

R.T.: 6.152 min  
Delta R.T.: -0.003 min  
Response: 15696559  
Conc: 53.64 ng/ml



#6 beta-BHC

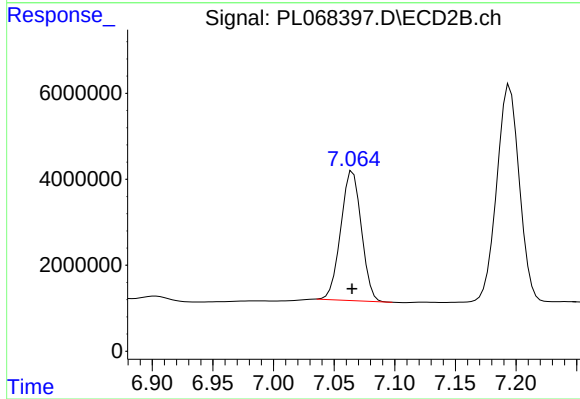
R.T.: 6.797 min  
Delta R.T.: -0.002 min  
Response: 32761304  
Conc: 46.37 ng/ml



#7 delta-BHC

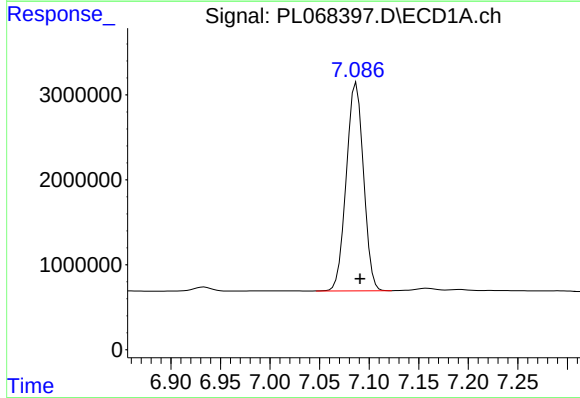
R.T.: 6.413 min  
Delta R.T.: -0.003 min  
Response: 16830343  
Conc: 30.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS



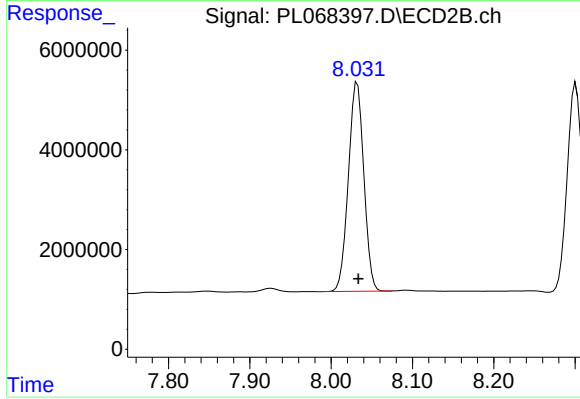
#7 delta-BHC

R.T.: 7.065 min  
Delta R.T.: 0.000 min  
Response: 35568034  
Conc: 29.03 ng/ml



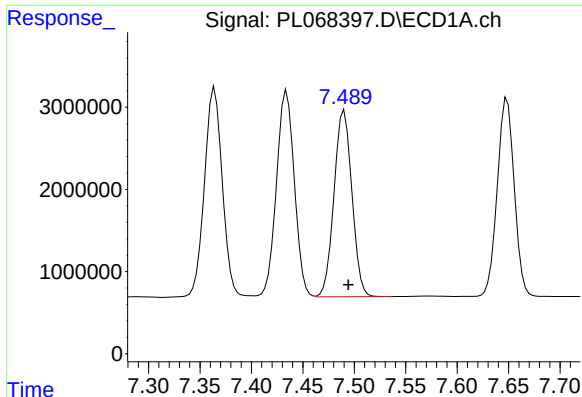
#8 Heptachlor epoxide

R.T.: 7.087 min  
Delta R.T.: -0.004 min  
Response: 29627756  
Conc: 53.33 ng/ml



#8 Heptachlor epoxide

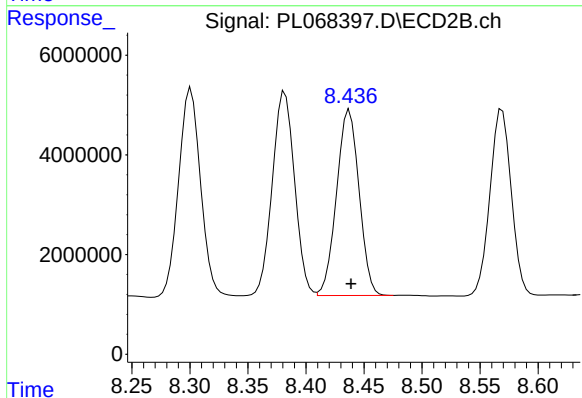
R.T.: 8.032 min  
Delta R.T.: -0.002 min  
Response: 55210695  
Conc: 48.83 ng/ml



#9 Endosulfan I

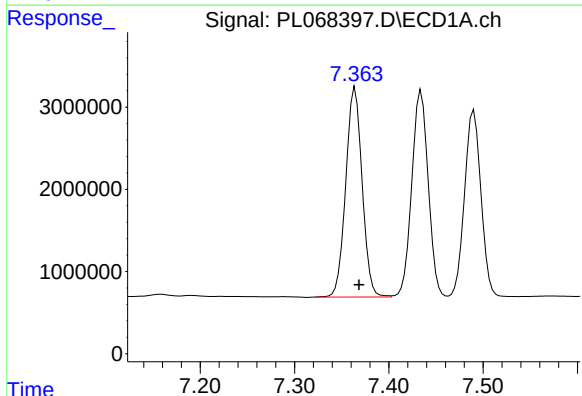
R.T.: 7.490 min  
Delta R.T.: -0.004 min  
Response: 27414240  
Conc: 51.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS



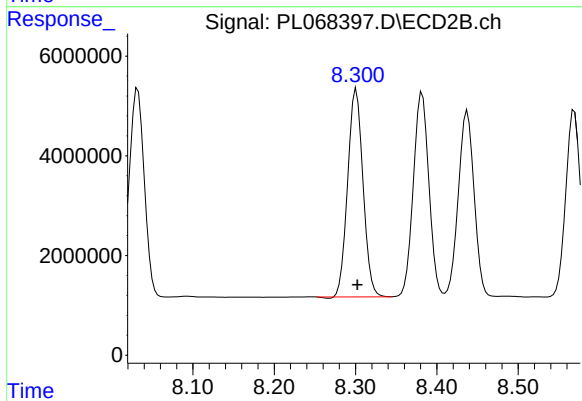
#9 Endosulfan I

R.T.: 8.438 min  
Delta R.T.: -0.001 min  
Response: 50395367  
Conc: 48.95 ng/ml



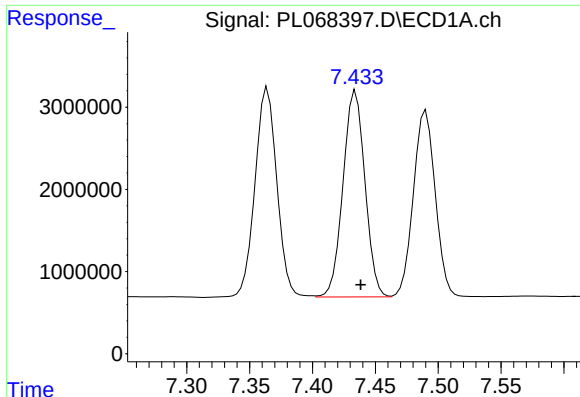
#10 gamma-Chlordane

R.T.: 7.364 min  
Delta R.T.: -0.004 min  
Response: 30802224  
Conc: 53.68 ng/ml



#10 gamma-Chlordane

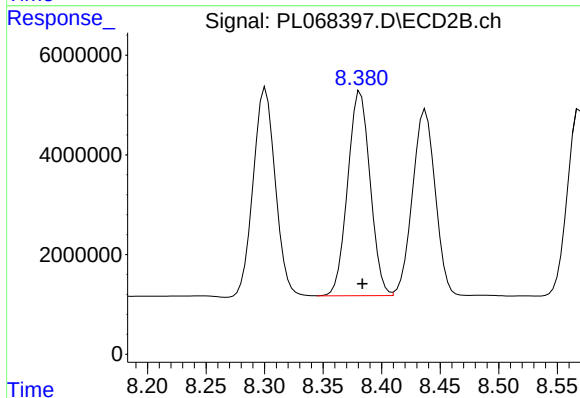
R.T.: 8.301 min  
Delta R.T.: -0.001 min  
Response: 54487138  
Conc: 48.38 ng/ml



#11 alpha-Chlordane

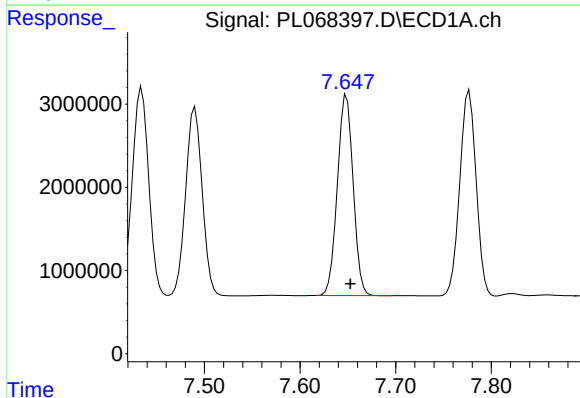
R.T.: 7.434 min  
Delta R.T.: -0.004 min  
Response: 30413688  
Conc: 52.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS



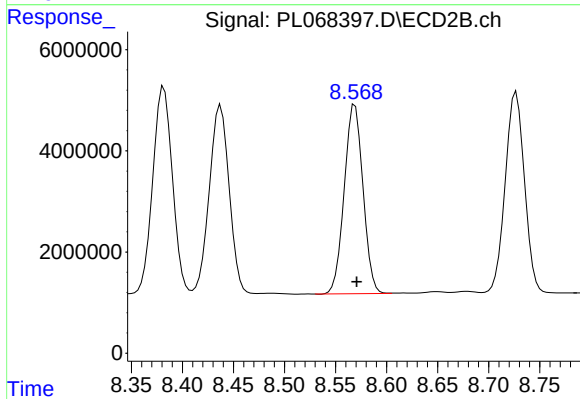
#11 alpha-Chlordane

R.T.: 8.382 min  
Delta R.T.: -0.002 min  
Response: 54807045  
Conc: 48.73 ng/ml



#12 4,4'-DDE

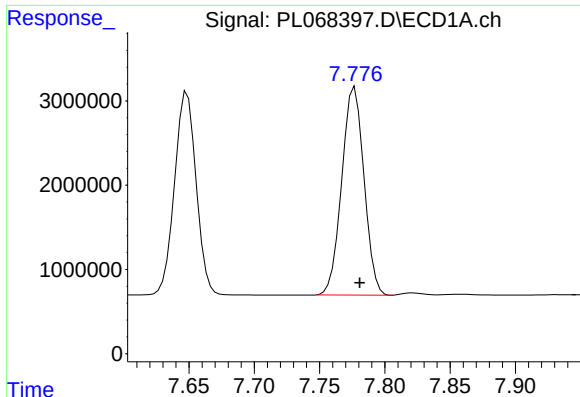
R.T.: 7.649 min  
Delta R.T.: -0.004 min  
Response: 27689185  
Conc: 54.95 ng/ml



#12 4,4'-DDE

R.T.: 8.569 min  
Delta R.T.: -0.002 min  
Response: 47788635  
Conc: 46.37 ng/ml

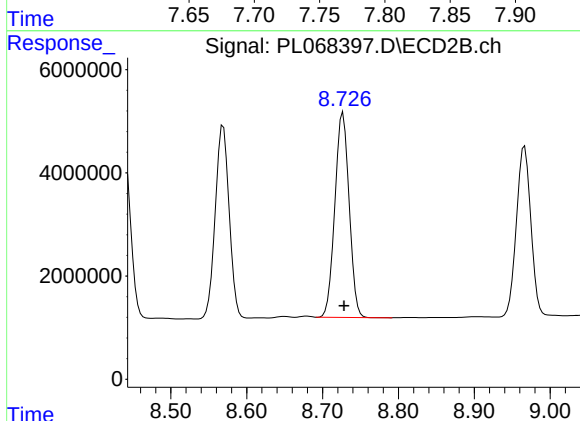




#13 Dieldrin

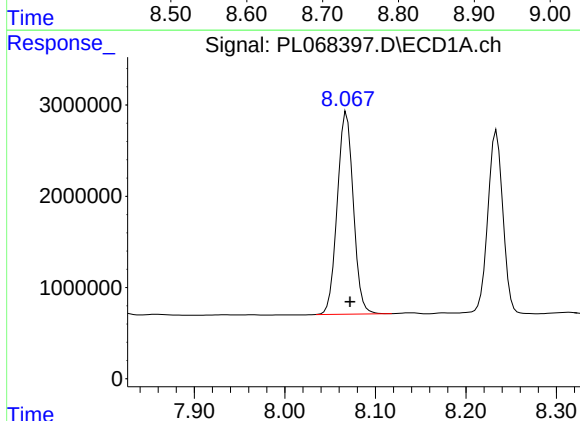
R.T.: 7.777 min  
Delta R.T.: -0.004 min  
Response: 29288315  
Conc: 54.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS



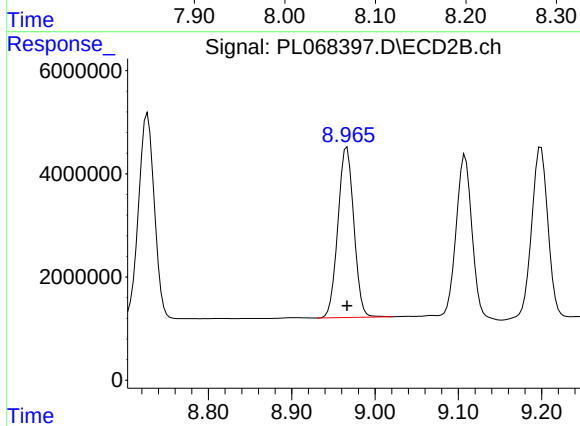
#13 Dieldrin

R.T.: 8.727 min  
Delta R.T.: -0.001 min  
Response: 51894903  
Conc: 48.93 ng/ml



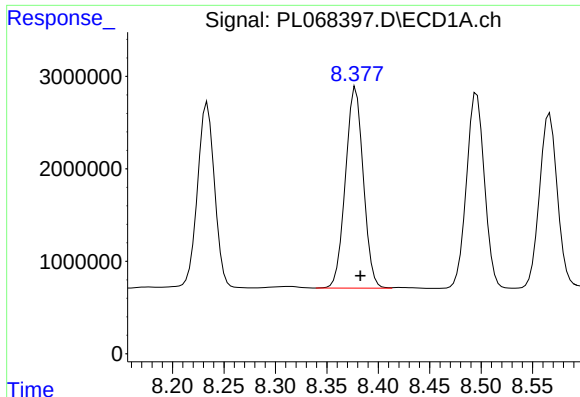
#14 Endrin

R.T.: 8.068 min  
Delta R.T.: -0.004 min  
Response: 27270087  
Conc: 54.53 ng/ml



#14 Endrin

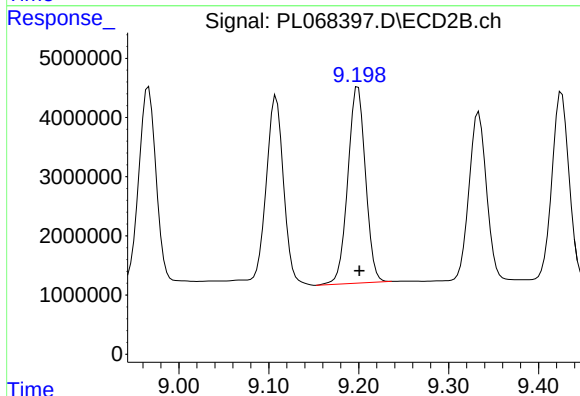
R.T.: 8.966 min  
Delta R.T.: 0.000 min  
Response: 43881000  
Conc: 49.07 ng/ml



#15 Endosulfan II

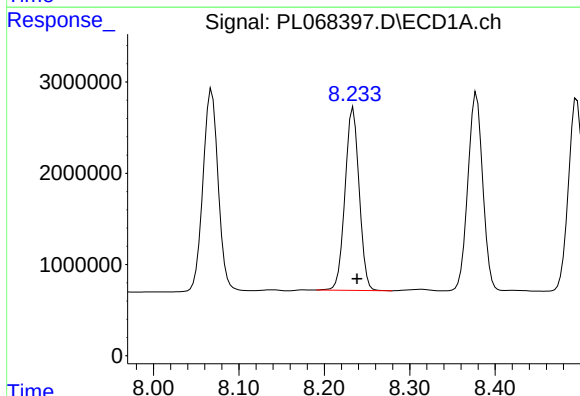
R.T.: 8.378 min  
Delta R.T.: -0.004 min  
Response: 26321634  
Conc: 53.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS



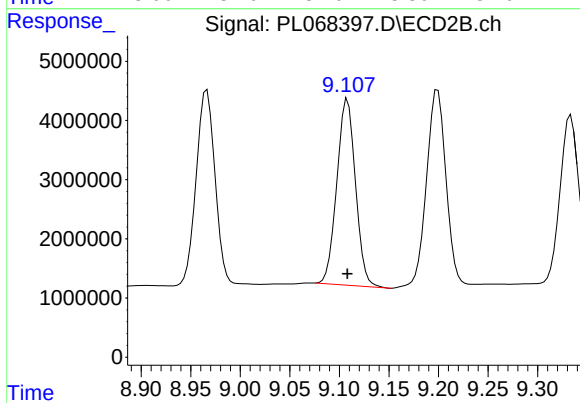
#15 Endosulfan II

R.T.: 9.199 min  
Delta R.T.: -0.002 min  
Response: 45178607  
Conc: 49.84 ng/ml



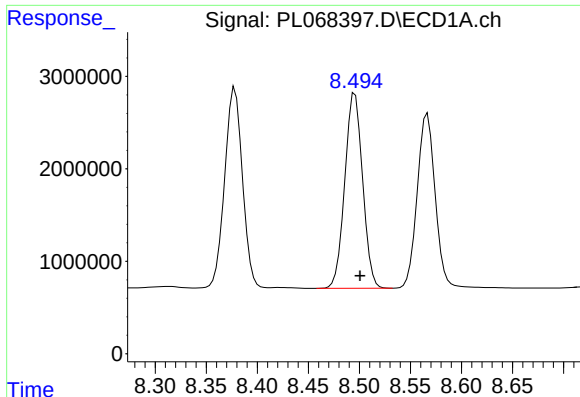
#16 4,4'-DDD

R.T.: 8.234 min  
Delta R.T.: -0.004 min  
Response: 23062732  
Conc: 51.63 ng/ml



#16 4,4'-DDD

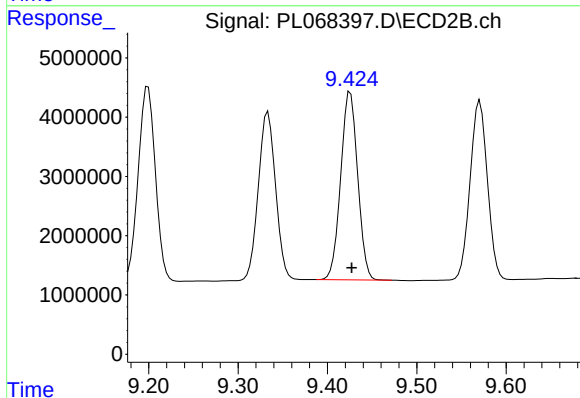
R.T.: 9.108 min  
Delta R.T.: 0.000 min  
Response: 41275905  
Conc: 48.48 ng/ml



#17 4,4'-DDT

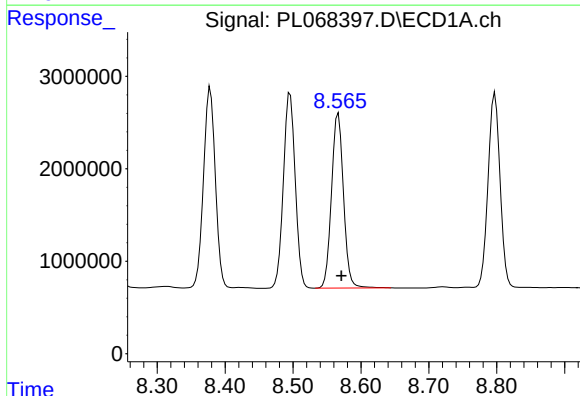
R.T.: 8.496 min  
Delta R.T.: -0.005 min  
Response: 25638884  
Conc: 51.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS



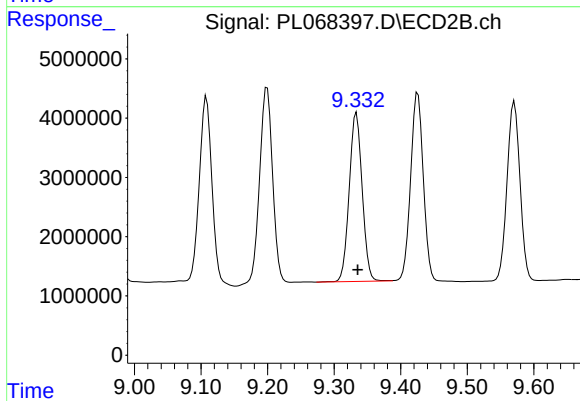
#17 4,4'-DDT

R.T.: 9.426 min  
Delta R.T.: -0.002 min  
Response: 41891876  
Conc: 44.38 ng/ml



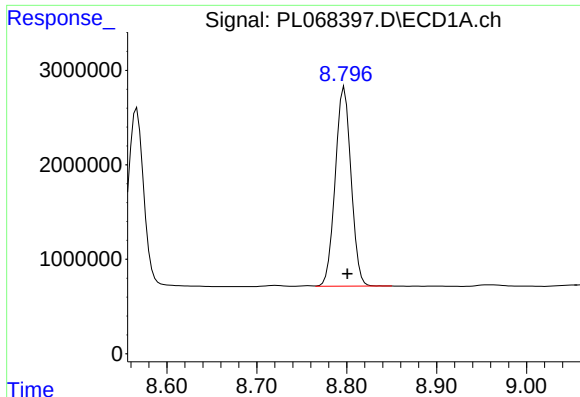
#18 Endrin aldehyde

R.T.: 8.567 min  
Delta R.T.: -0.005 min  
Response: 23146205  
Conc: 58.43 ng/ml



#18 Endrin aldehyde

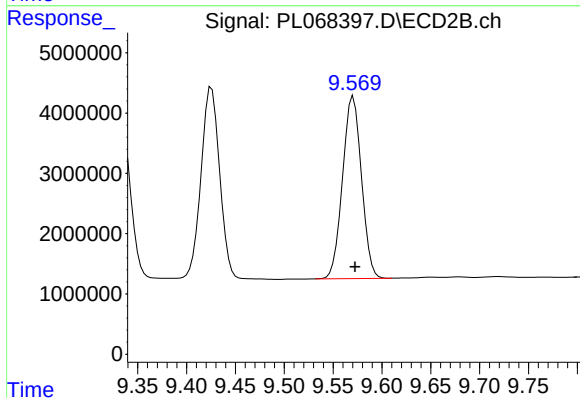
R.T.: 9.334 min  
Delta R.T.: -0.002 min  
Response: 38578746  
Conc: 53.53 ng/ml



#19 Endosulfan Sulfate

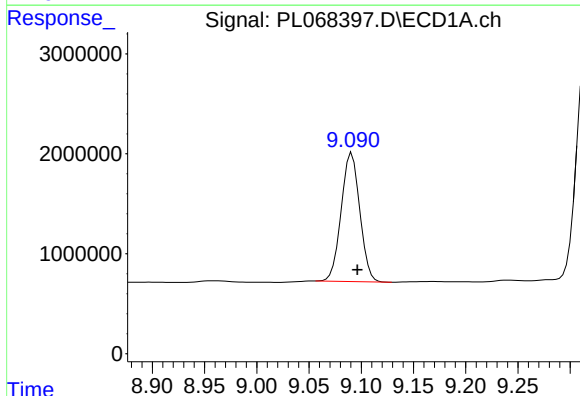
R.T.: 8.797 min  
Delta R.T.: -0.004 min  
Response: 25774415  
Conc: 49.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS



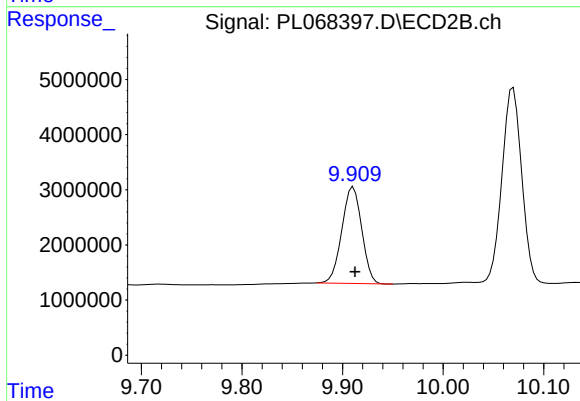
#19 Endosulfan Sulfate

R.T.: 9.571 min  
Delta R.T.: -0.002 min  
Response: 40761579  
Conc: 45.27 ng/ml



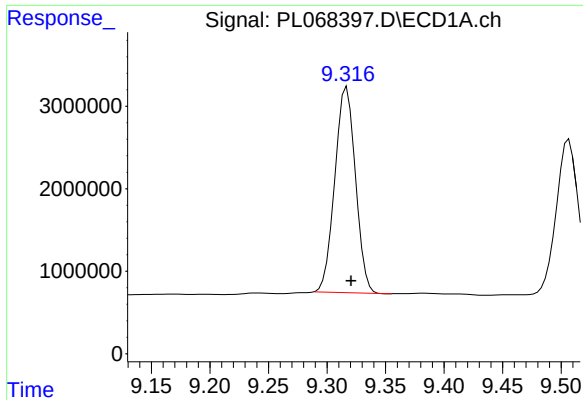
#20 Methoxychlor

R.T.: 9.091 min  
Delta R.T.: -0.005 min  
Response: 15935903  
Conc: 50.94 ng/ml



#20 Methoxychlor

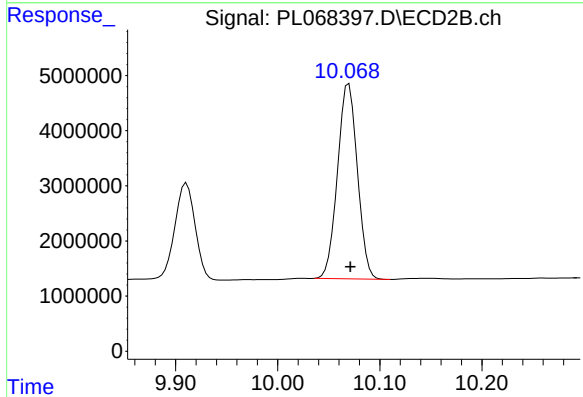
R.T.: 9.911 min  
Delta R.T.: -0.002 min  
Response: 24066987  
Conc: 47.37 ng/ml



#21 Endrin ketone

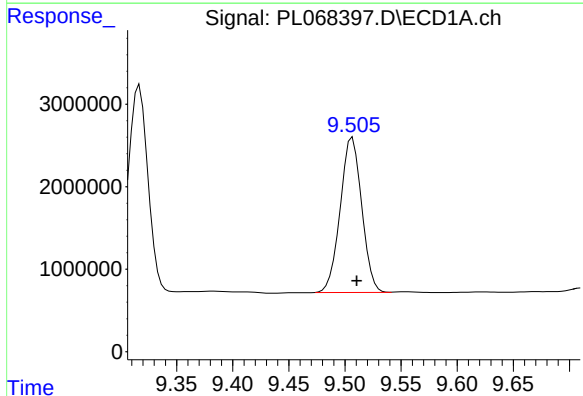
R.T.: 9.317 min  
Delta R.T.: -0.003 min  
Response: 30535711  
Conc: 51.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS



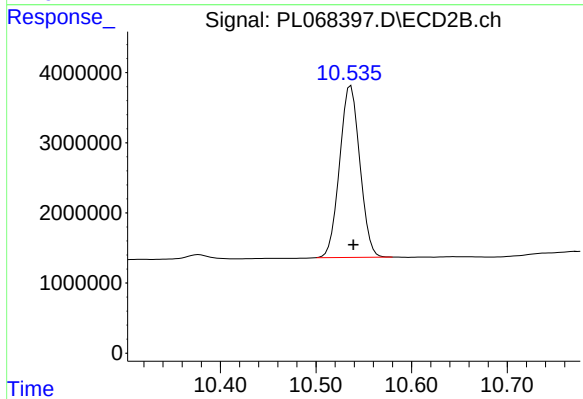
#21 Endrin ketone

R.T.: 10.070 min  
Delta R.T.: -0.002 min  
Response: 47980997  
Conc: 48.11 ng/ml



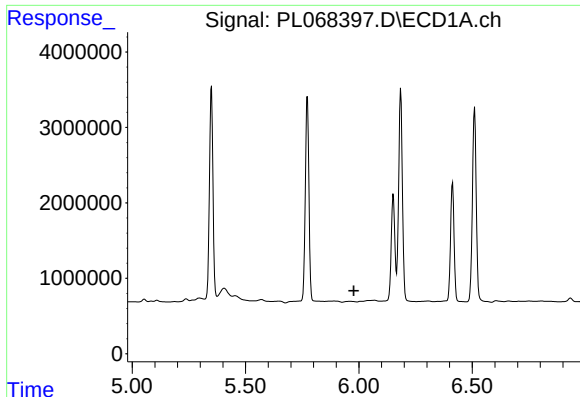
#22 Mirex

R.T.: 9.507 min  
Delta R.T.: -0.004 min  
Response: 25086171  
Conc: 50.80 ng/ml



#22 Mirex

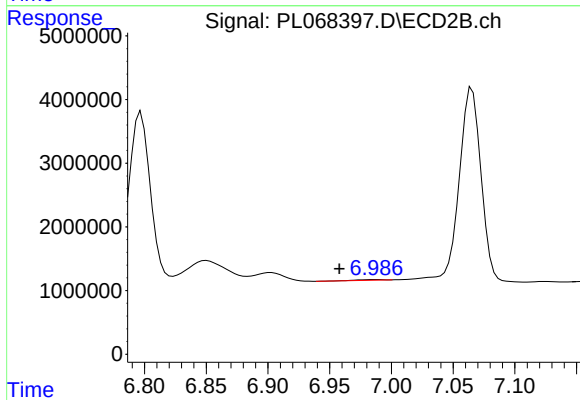
R.T.: 10.536 min  
Delta R.T.: -0.003 min  
Response: 36062220  
Conc: 46.61 ng/ml



#23 Chlordane-1

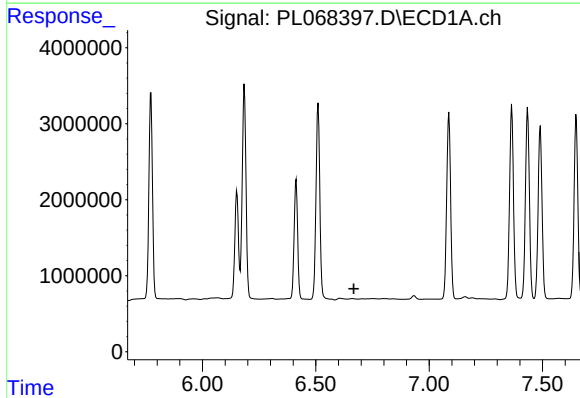
R.T.: 0.000 min  
Exp R.T.: 5.978 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS



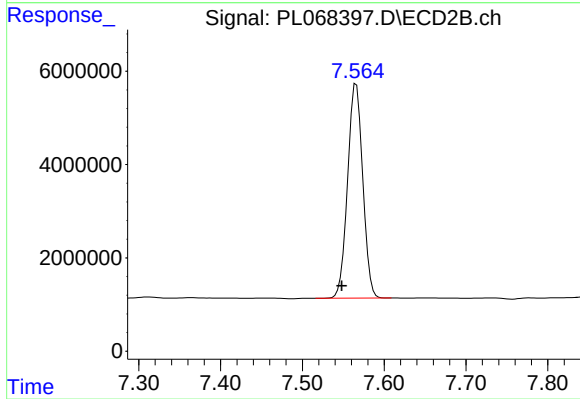
#23 Chlordane-1

R.T.: 6.987 min  
Delta R.T.: 0.029 min  
Response: 126567  
Conc: 3.12 ng/ml



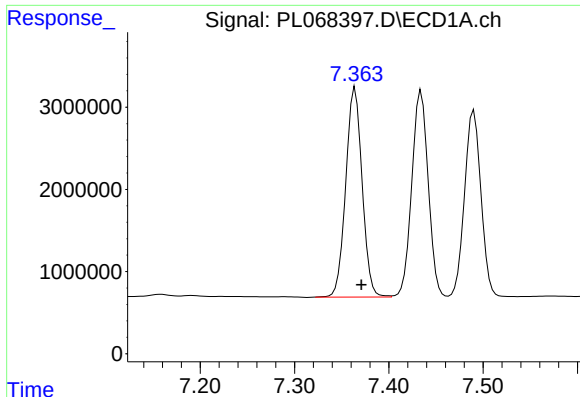
#24 Chlordane-2

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



#24 Chlordane-2

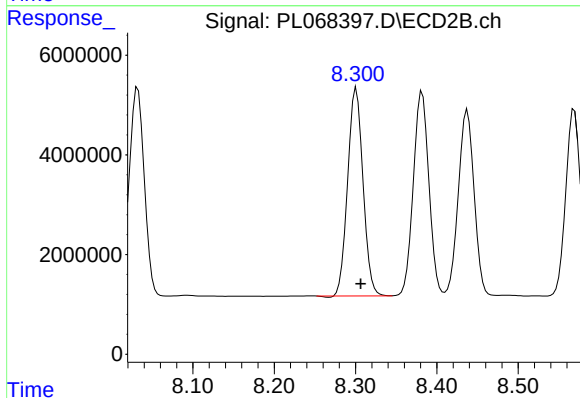
R.T.: 7.566 min  
Delta R.T.: 0.018 min  
Response: 58853182  
Conc: 1414.57 ng/ml



#25 Chlordane-3

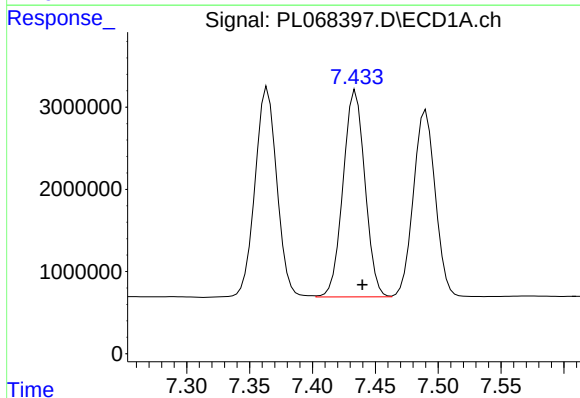
R.T.: 7.364 min  
Delta R.T.: -0.007 min  
Response: 30802224  
Conc: 571.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS



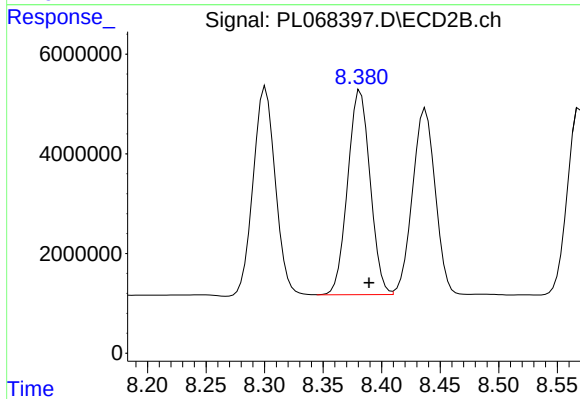
#25 Chlordane-3

R.T.: 8.301 min  
Delta R.T.: -0.005 min  
Response: 54487138  
Conc: 351.83 ng/ml



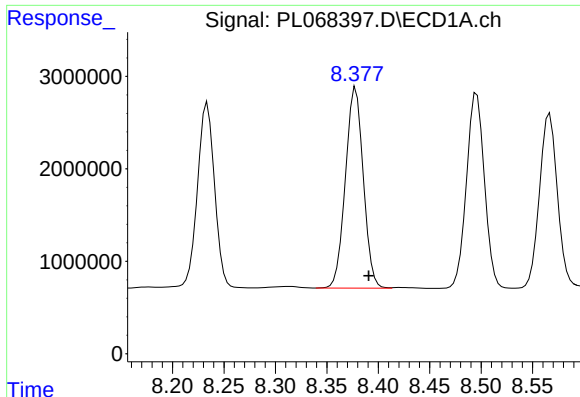
#26 Chlordane-4

R.T.: 7.434 min  
Delta R.T.: -0.005 min  
Response: 30413688  
Conc: 538.68 ng/ml



#26 Chlordane-4

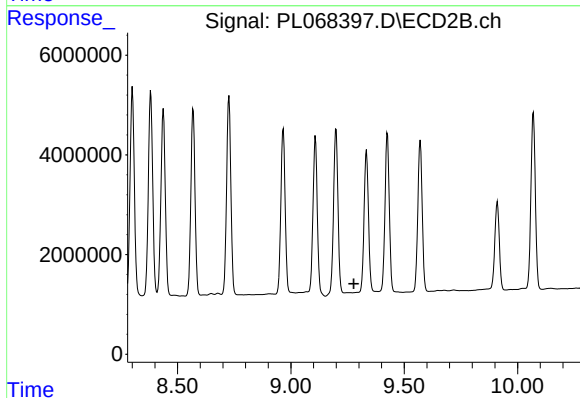
R.T.: 8.382 min  
Delta R.T.: -0.007 min  
Response: 54807045  
Conc: 292.33 ng/ml



#27 Chlordane-5

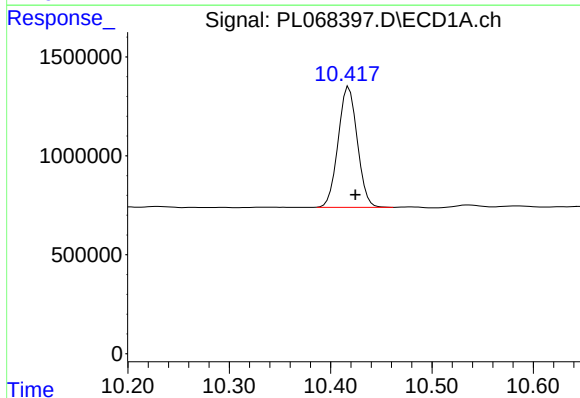
R.T.: 8.378 min  
Delta R.T.: -0.012 min  
Response: 26321634  
Conc: 1307.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
20210588-AMENDED-COM-2MS



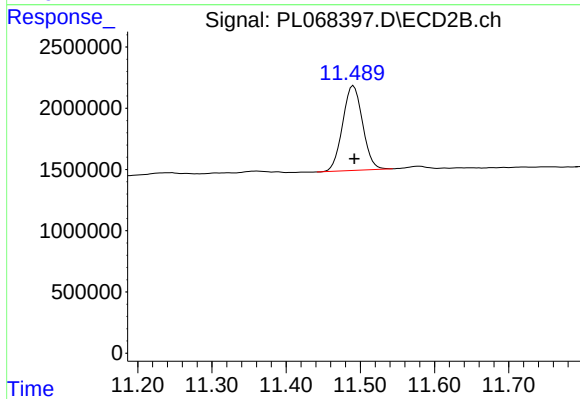
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 10.418 min  
Delta R.T.: -0.006 min  
Response: 7995323  
Conc: 14.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.491 min  
Delta R.T.: -0.001 min  
Response: 12908704  
Conc: 14.47 ng/ml