

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120320\  
 Data File : PL063338.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Dec 2020 15:42  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 04 05:21:41 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112320.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 24 01:53:58 2020  
 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... | 3.410 | 3.950  | 93075330 | 176.1E6  | 54.651   | 53.970     |
| 28)                         | SA Decachlor... | 8.125 | 8.990  | 77488970 | 107.8E6  | 41.495   | 45.316     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.841 | 4.336  | 136.9E6  | 266.1E6  | 55.434   | 54.689     |
| 3)                          | MA gamma-BHC... | 4.121 | 4.619  | 123.8E6  | 248.1E6  | 54.181   | 54.262     |
| 4)                          | MA Heptachlor   | 4.418 | 5.125  | 115.7E6  | 216.5E6  | 55.135   | 51.948     |
| 5)                          | MB Aldrin       | 4.662 | 5.427  | 102.0E6  | 192.8E6  | 54.480   | 48.833     |
| 6)                          | B beta-BHC      | 4.371 | 4.791  | 50540483 | 99827447 | 54.068   | 48.960     |
| 7)                          | B delta-BHC     | 4.571 | 5.005  | 115.0E6  | 195.2E6  | 53.857   | 51.276     |
| 8)                          | B Heptachlo...  | 5.101 | 5.813  | 96050669 | 174.4E6  | 53.073   | 50.076     |
| 9)                          | A Endosulfan I  | 5.436 | 6.168  | 88866954 | 152.6E6  | 52.497   | 45.205     |
| 10)                         | B gamma-Chl...  | 5.327 | 6.046  | 94776476 | 167.5E6  | 52.343   | 47.330     |
| 11)                         | B alpha-Chl...  | 5.384 | 6.119  | 94197925 | 166.6E6  | 52.091   | 46.167     |
| 12)                         | B 4,4'-DDE      | 5.549 | 6.278  | 86491364 | 157.4E6  | 52.191   | 44.852     |
| 13)                         | MA Dieldrin     | 5.677 | 6.425  | 91764627 | 159.8E6  | 51.767   | 46.487     |
| 14)                         | MA Endrin       | 5.932 | 6.642  | 86715499 | 137.2E6  | 51.637   | 46.479     |
| 15)                         | B Endosulfa...  | 6.204 | 6.852  | 84731580 | 141.8E6  | 46.100   | 42.903     |
| 16)                         | A 4,4'-DDD      | 6.061 | 6.767  | 72671885 | 118.0E6  | 50.227   | 44.175     |
| 17)                         | MA 4,4'-DDT     | 6.300 | 7.066  | 69812354 | 111.0E6  | 51.907   | 43.462     |
| 18)                         | B Endrin al...  | 6.371 | 6.975  | 69920175 | 104.6E6  | 46.924   | 42.264     |
| 19)                         | B Endosulfa...  | 6.583 | 7.199  | 78628207 | 117.0E6  | 47.769   | 42.978     |
| 20)                         | A Methoxychlor  | 6.844 | 7.525  | 41698652 | 58367087 | 48.668   | 42.566     |
| 21)                         | B Endrin ke...  | 7.069 | 7.667  | 84431604 | 122.4E6  | 45.123   | 44.122     |
| 22)                         | Mirex           | 7.256 | 8.121  | 66345524 | 86584116 | 44.616   | 44.326     |
| 24)                         | Chlordane-2     | 0.000 | 5.427f | 0        | 192.8E6  | N.D.     | 1639.218 # |
| 25)                         | Chlordane-3     | 5.327 | 6.046  | 94776476 | 167.5E6  | 603.675  | 377.600 #  |
| 26)                         | Chlordane-4     | 5.384 | 6.119  | 94197925 | 166.6E6  | 716.562  | 310.601 #  |
| 27)                         | Chlordane-5     | 6.204 | 0.000  | 84731580 | 0        | 1455.350 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

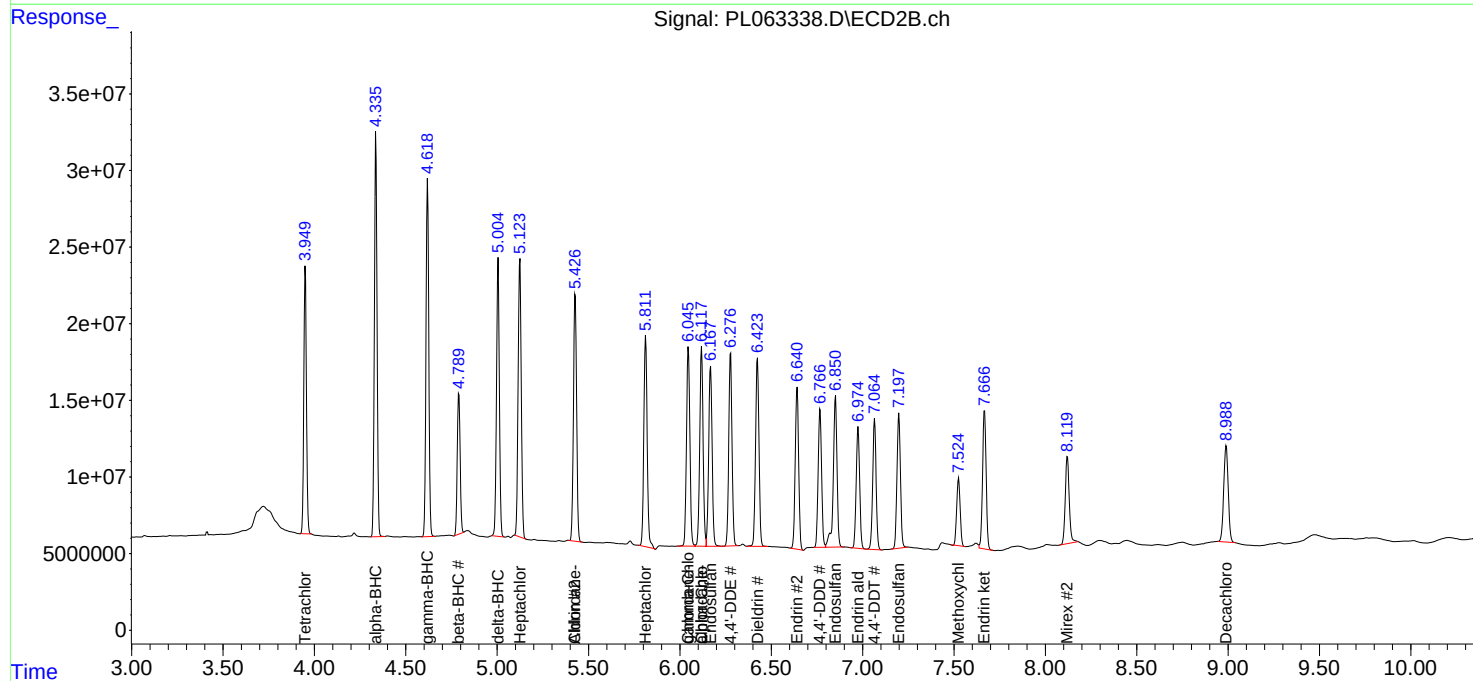
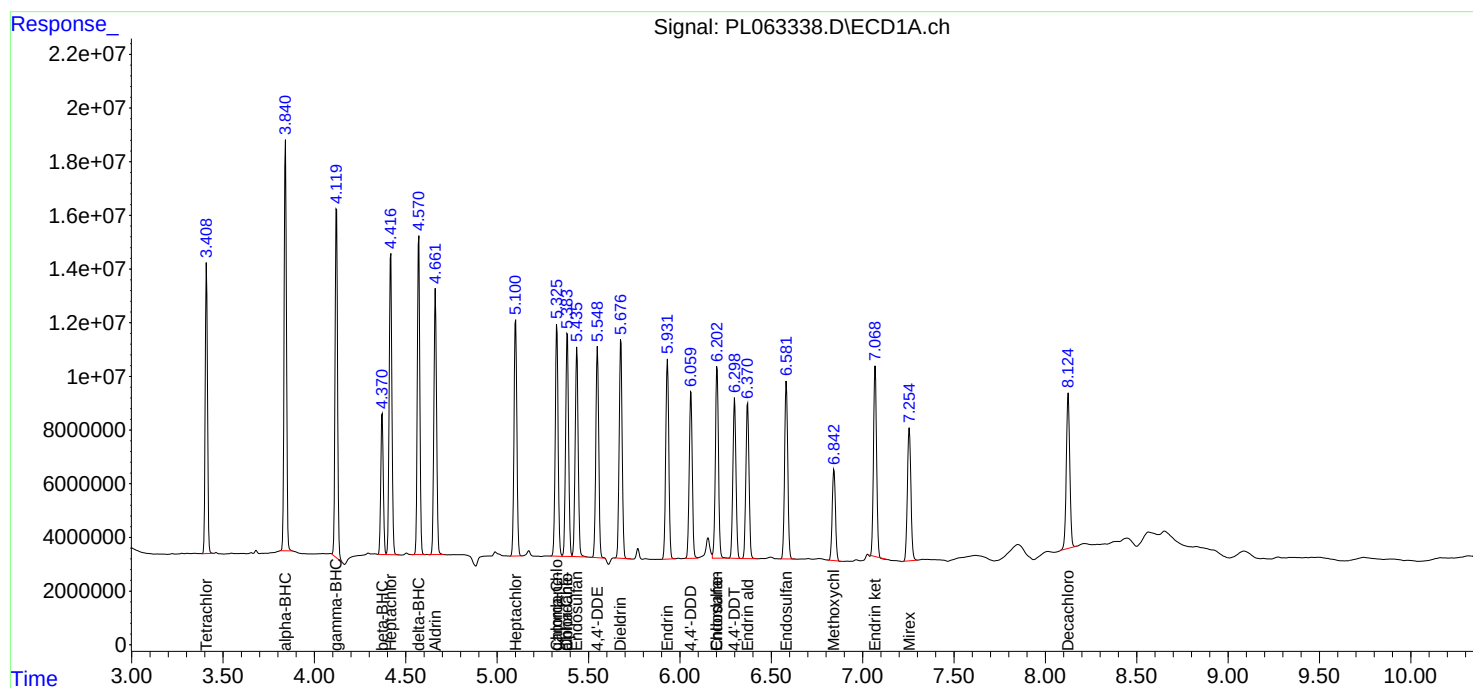
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

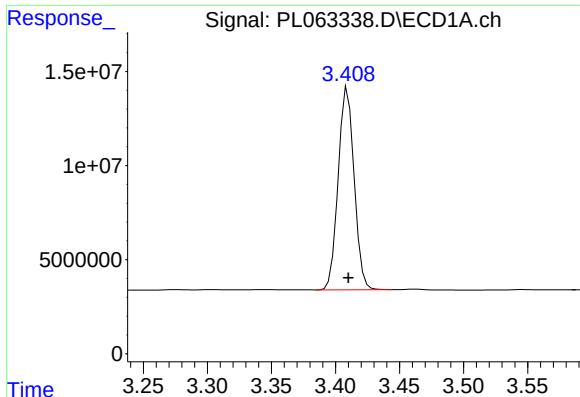
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120320\  
Data File : PL063338.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Dec 2020 15:42  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 04 05:21:41 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112320.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 24 01:53:58 2020  
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

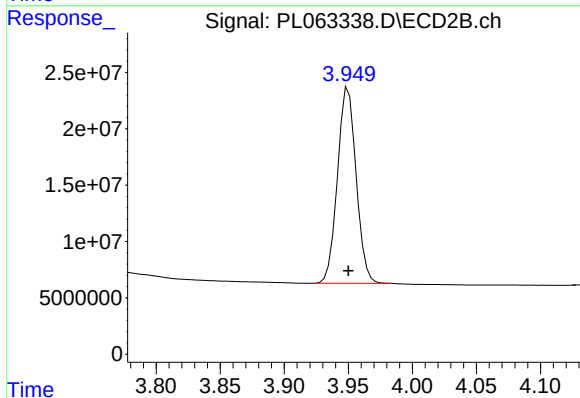




#1 Tetrachloro-m-xylene

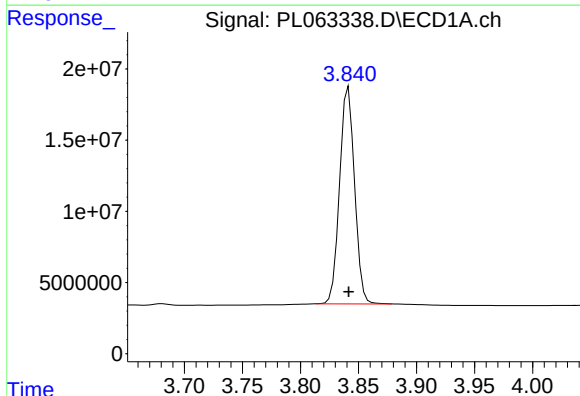
R.T.: 3.410 min  
Delta R.T.: 0.000 min  
Response: 93075330  
Conc: 54.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



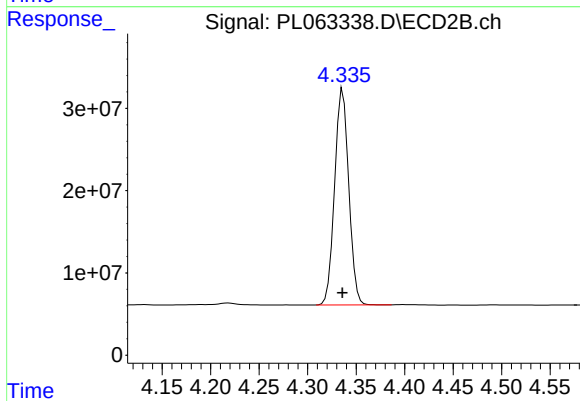
#1 Tetrachloro-m-xylene

R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 176146281  
Conc: 53.97 ng/ml



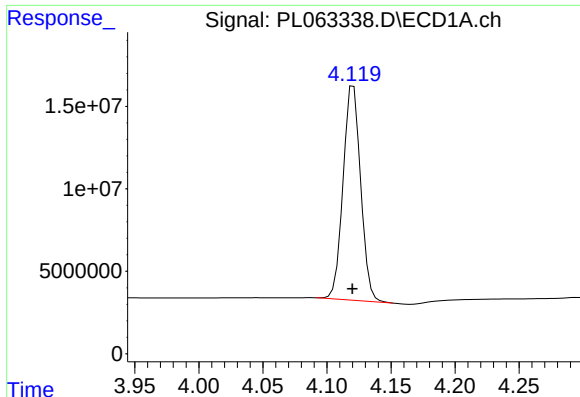
#2 alpha-BHC

R.T.: 3.841 min  
Delta R.T.: 0.000 min  
Response: 136922738  
Conc: 55.43 ng/ml



#2 alpha-BHC

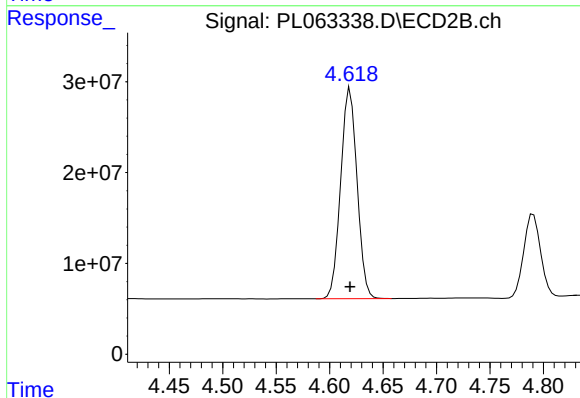
R.T.: 4.336 min  
Delta R.T.: 0.000 min  
Response: 266106075  
Conc: 54.69 ng/ml



#3 gamma-BHC (Lindane)

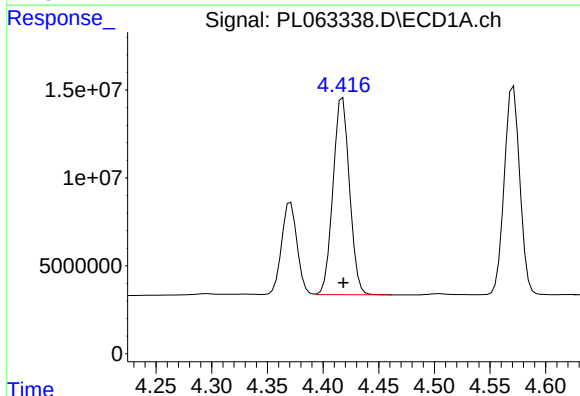
R.T.: 4.121 min  
Delta R.T.: 0.000 min  
Response: 123777956  
Conc: 54.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



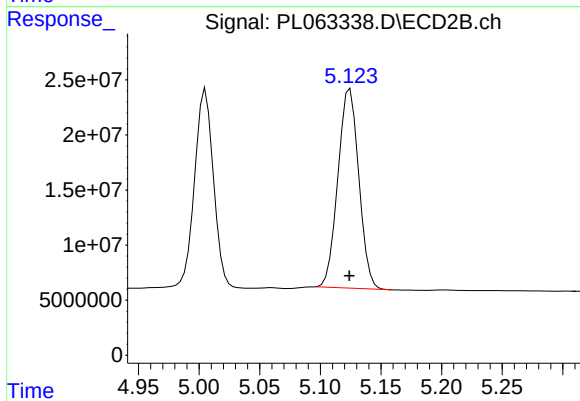
#3 gamma-BHC (Lindane)

R.T.: 4.619 min  
Delta R.T.: 0.000 min  
Response: 248064809  
Conc: 54.26 ng/ml



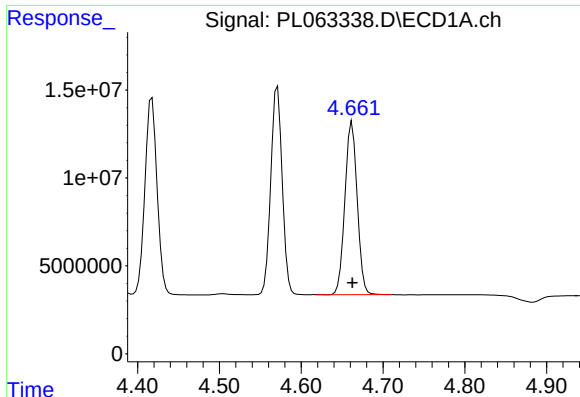
#4 Heptachlor

R.T.: 4.418 min  
Delta R.T.: 0.000 min  
Response: 115719209  
Conc: 55.13 ng/ml



#4 Heptachlor

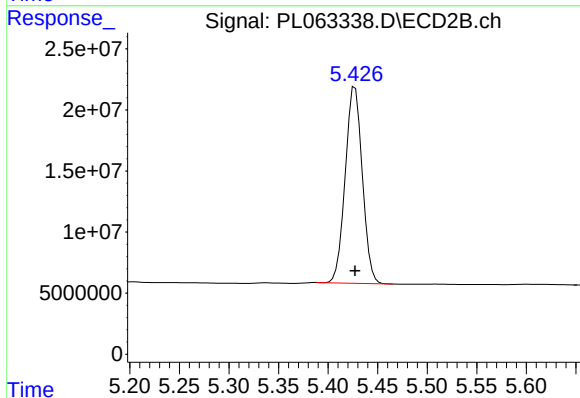
R.T.: 5.125 min  
Delta R.T.: 0.000 min  
Response: 216495975  
Conc: 51.95 ng/ml



#5 Aldrin

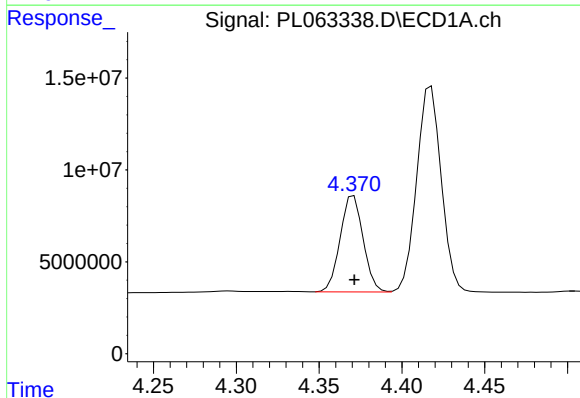
R.T.: 4.662 min  
Delta R.T.: 0.000 min  
Response: 101985625  
Conc: 54.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



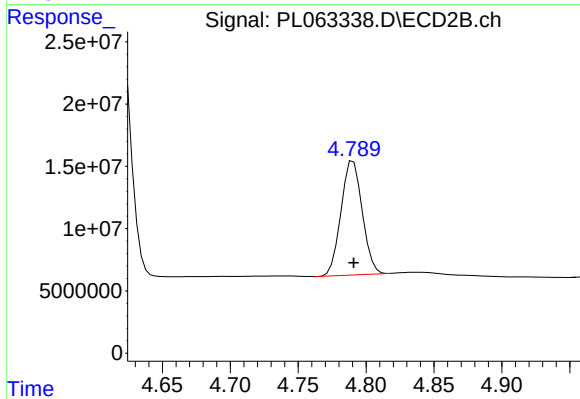
#5 Aldrin

R.T.: 5.427 min  
Delta R.T.: 0.000 min  
Response: 192822178  
Conc: 48.83 ng/ml



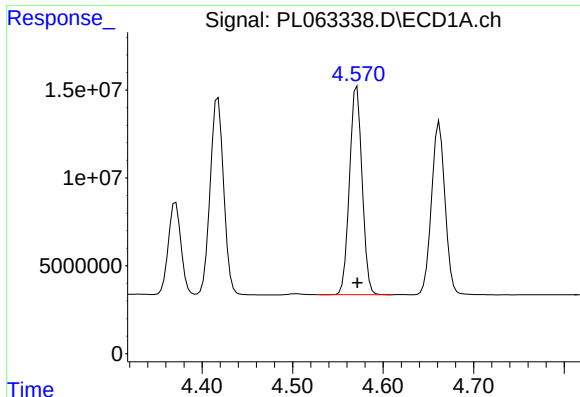
#6 beta-BHC

R.T.: 4.371 min  
Delta R.T.: 0.000 min  
Response: 50540483  
Conc: 54.07 ng/ml



#6 beta-BHC

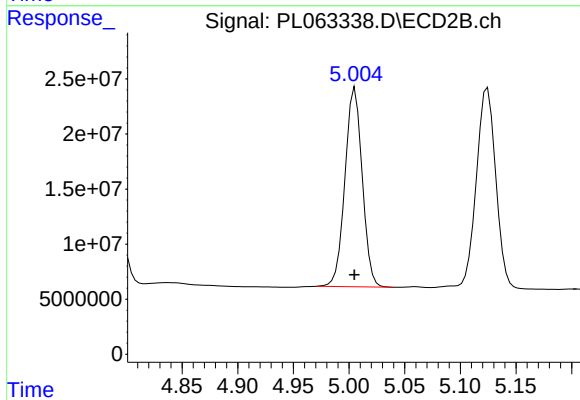
R.T.: 4.791 min  
Delta R.T.: 0.000 min  
Response: 99827447  
Conc: 48.96 ng/ml



#7 delta-BHC

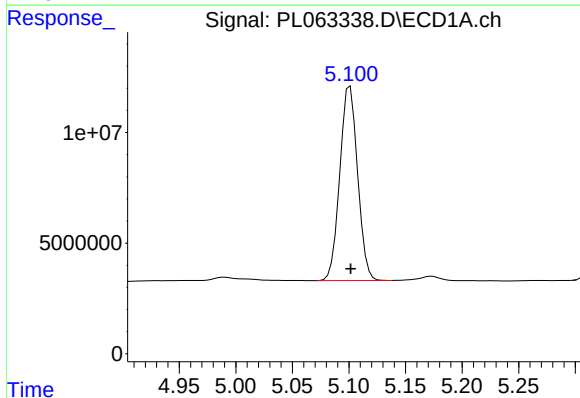
R.T.: 4.571 min  
Delta R.T.: 0.000 min  
Response: 114964173  
Conc: 53.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



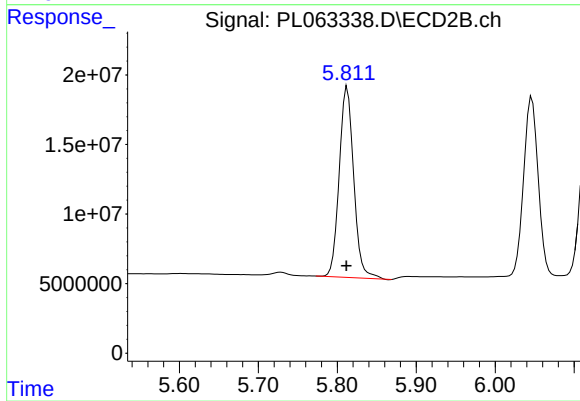
#7 delta-BHC

R.T.: 5.005 min  
Delta R.T.: 0.000 min  
Response: 195234585  
Conc: 51.28 ng/ml



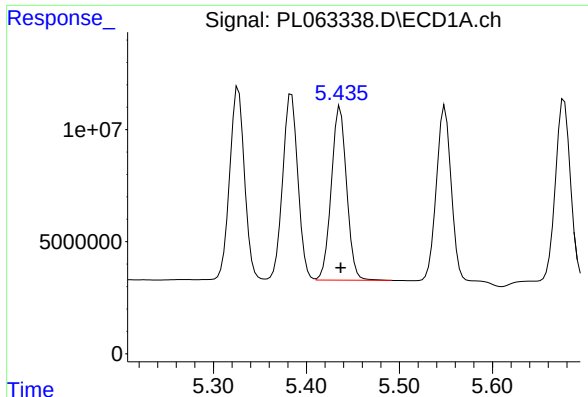
#8 Heptachlor epoxide

R.T.: 5.101 min  
Delta R.T.: 0.000 min  
Response: 96050669  
Conc: 53.07 ng/ml



#8 Heptachlor epoxide

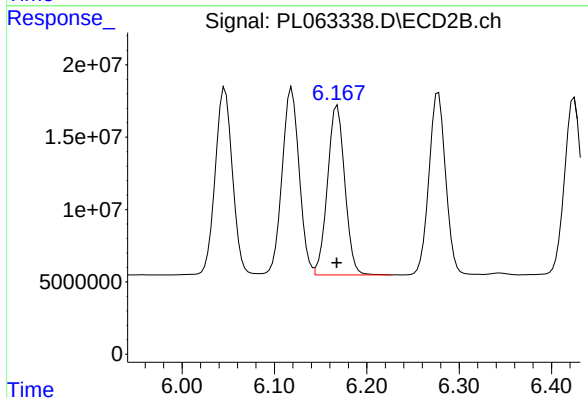
R.T.: 5.813 min  
Delta R.T.: 0.001 min  
Response: 174438278  
Conc: 50.08 ng/ml



#9 Endosulfan I

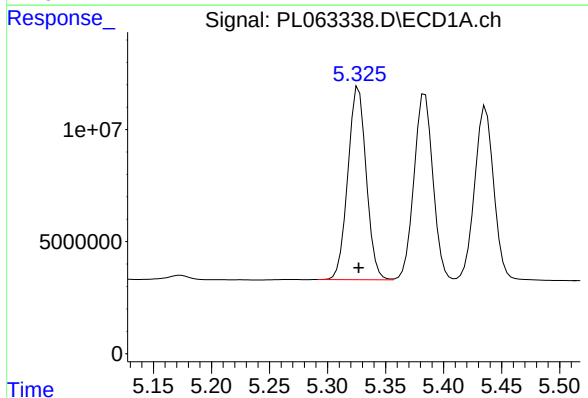
R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 88866954  
Conc: 52.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



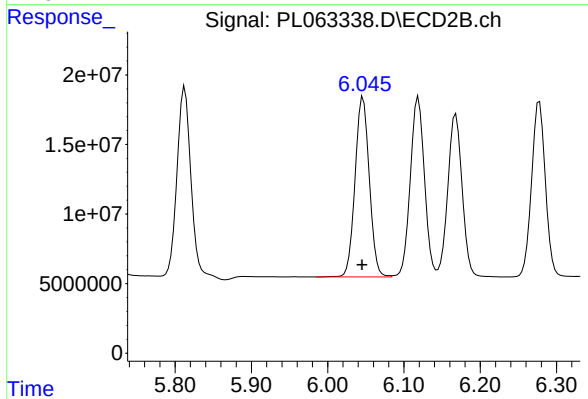
#9 Endosulfan I

R.T.: 6.168 min  
Delta R.T.: 0.000 min  
Response: 152616936  
Conc: 45.20 ng/ml



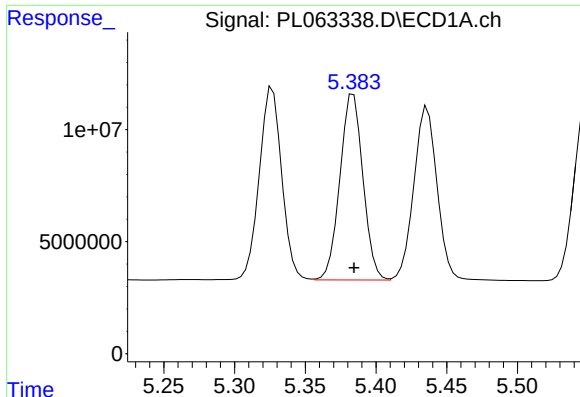
#10 gamma-Chlordane

R.T.: 5.327 min  
Delta R.T.: 0.000 min  
Response: 94776476  
Conc: 52.34 ng/ml



#10 gamma-Chlordane

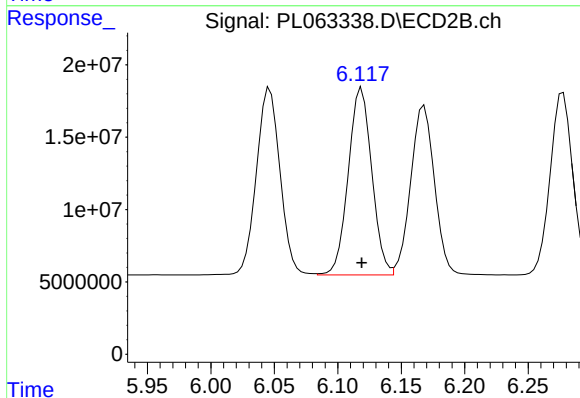
R.T.: 6.046 min  
Delta R.T.: 0.001 min  
Response: 167457969  
Conc: 47.33 ng/ml



#11 alpha-Chlordane

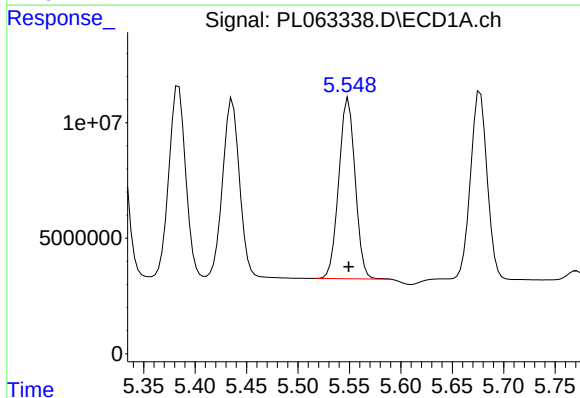
R.T.: 5.384 min  
Delta R.T.: 0.000 min  
Response: 94197925  
Conc: 52.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



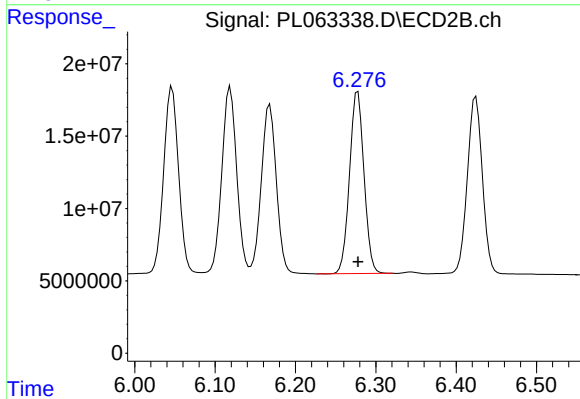
#11 alpha-Chlordane

R.T.: 6.119 min  
Delta R.T.: 0.000 min  
Response: 166588623  
Conc: 46.17 ng/ml



#12 4,4'-DDE

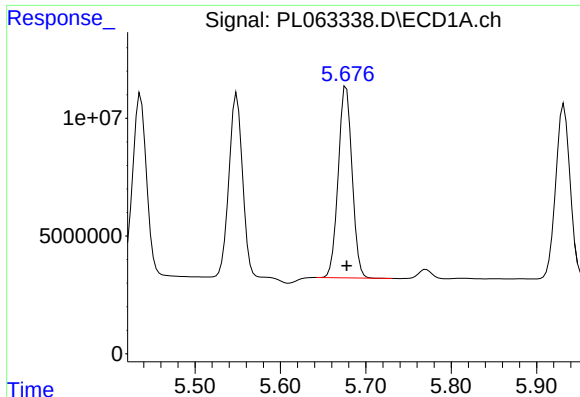
R.T.: 5.549 min  
Delta R.T.: 0.000 min  
Response: 86491364  
Conc: 52.19 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min  
Delta R.T.: 0.000 min  
Response: 157354590  
Conc: 44.85 ng/ml

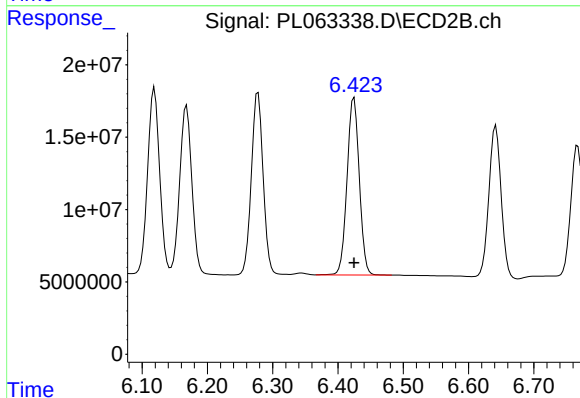




#13 Dieldrin

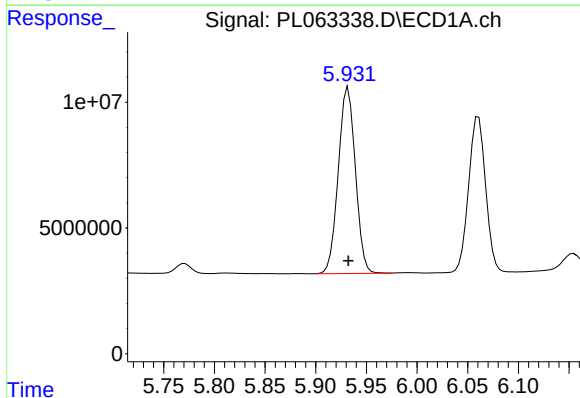
R.T.: 5.677 min  
Delta R.T.: 0.000 min  
Response: 91764627  
Conc: 51.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



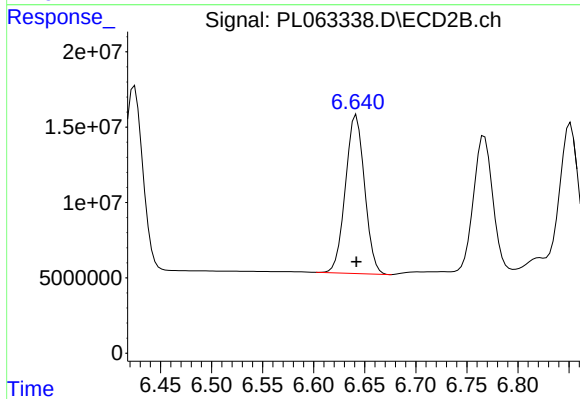
#13 Dieldrin

R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 159754603  
Conc: 46.49 ng/ml



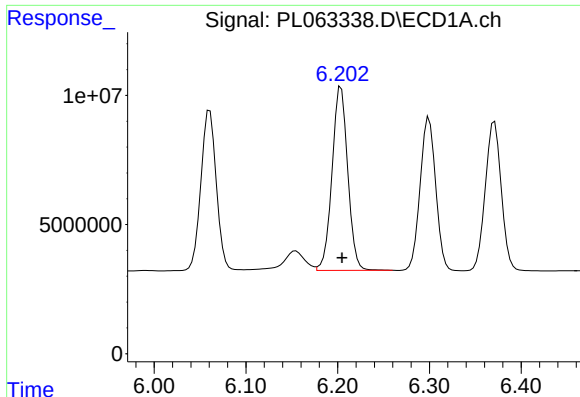
#14 Endrin

R.T.: 5.932 min  
Delta R.T.: 0.000 min  
Response: 86715499  
Conc: 51.64 ng/ml



#14 Endrin

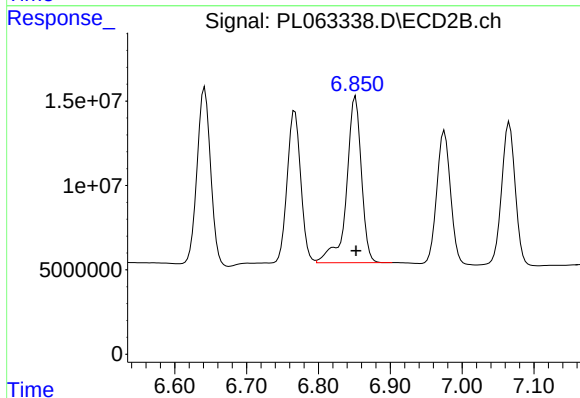
R.T.: 6.642 min  
Delta R.T.: 0.000 min  
Response: 137239745  
Conc: 46.48 ng/ml



#15 Endosulfan II

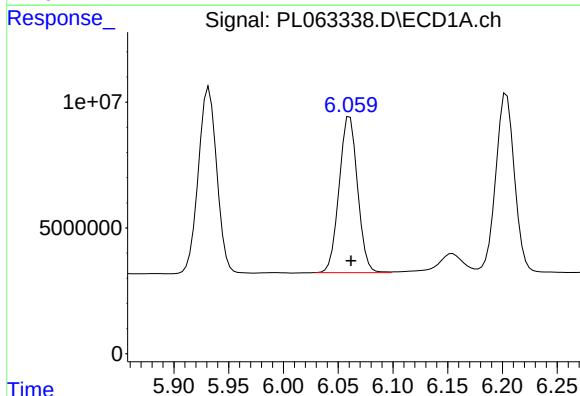
R.T.: 6.204 min  
Delta R.T.: 0.000 min  
Response: 84731580  
Conc: 46.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



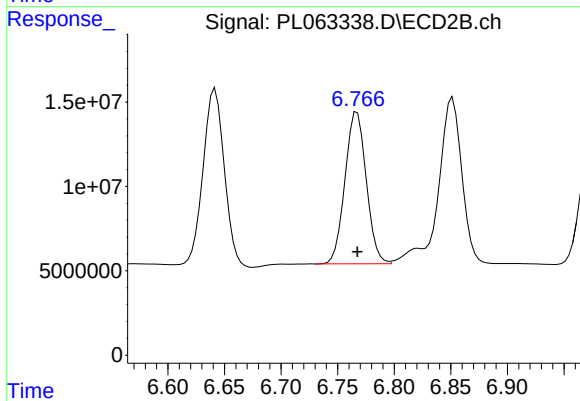
#15 Endosulfan II

R.T.: 6.852 min  
Delta R.T.: 0.000 min  
Response: 141837323  
Conc: 42.90 ng/ml



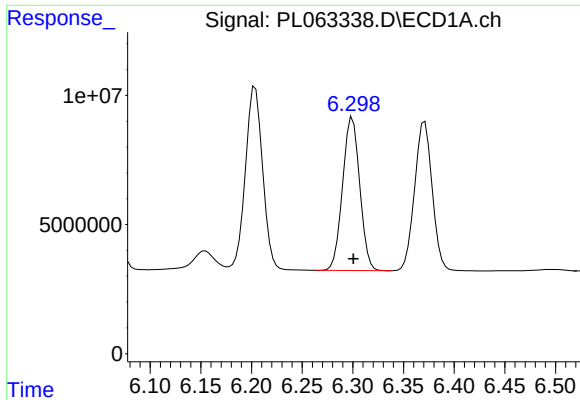
#16 4,4'-DDD

R.T.: 6.061 min  
Delta R.T.: -0.001 min  
Response: 72671885  
Conc: 50.23 ng/ml



#16 4,4'-DDD

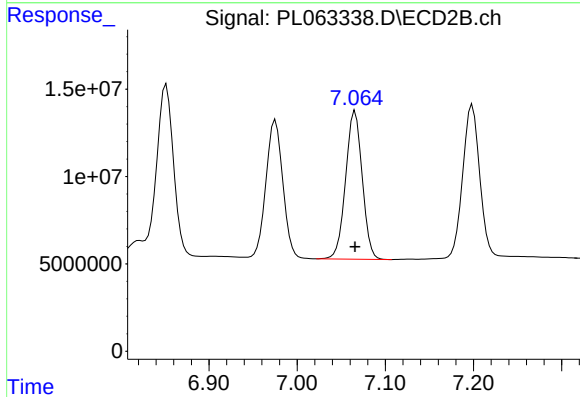
R.T.: 6.767 min  
Delta R.T.: 0.000 min  
Response: 118047287  
Conc: 44.17 ng/ml



#17 4,4'-DDT

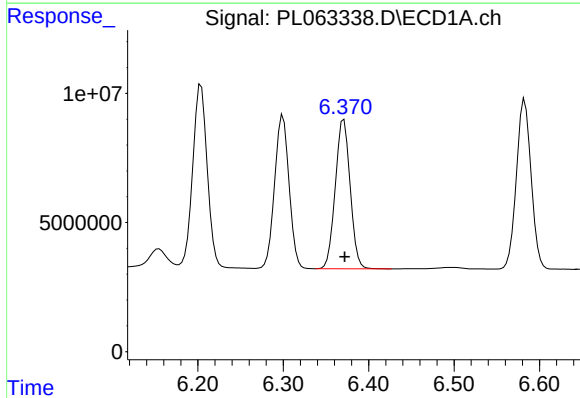
R.T.: 6.300 min  
Delta R.T.: -0.001 min  
Response: 69812354  
Conc: 51.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



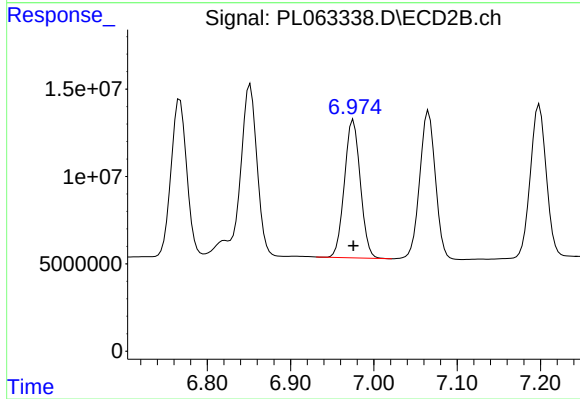
#17 4,4'-DDT

R.T.: 7.066 min  
Delta R.T.: 0.000 min  
Response: 110991934  
Conc: 43.46 ng/ml



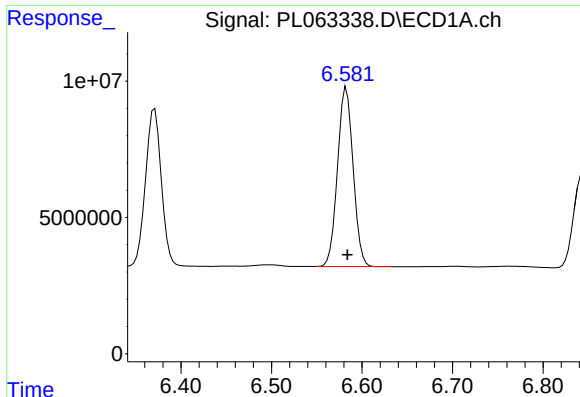
#18 Endrin aldehyde

R.T.: 6.371 min  
Delta R.T.: 0.000 min  
Response: 69920175  
Conc: 46.92 ng/ml



#18 Endrin aldehyde

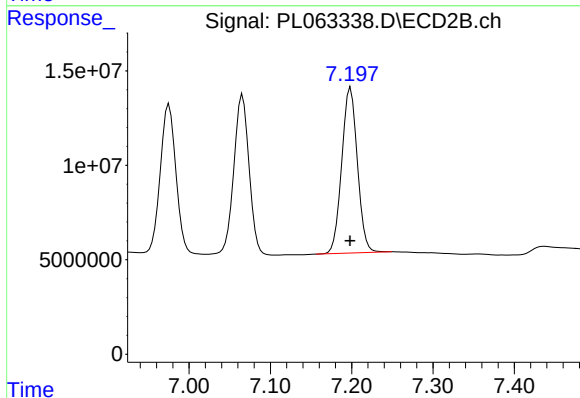
R.T.: 6.975 min  
Delta R.T.: 0.000 min  
Response: 104620485  
Conc: 42.26 ng/ml



#19 Endosulfan Sulfate

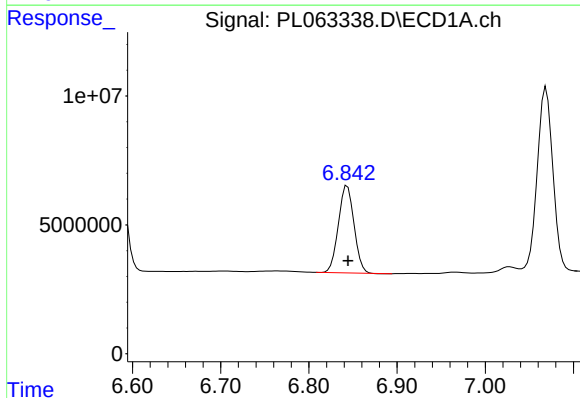
R.T.: 6.583 min  
Delta R.T.: 0.000 min  
Response: 78628207  
Conc: 47.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



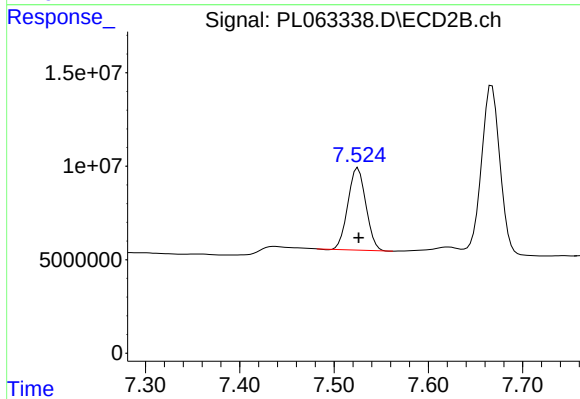
#19 Endosulfan Sulfate

R.T.: 7.199 min  
Delta R.T.: 0.000 min  
Response: 117016747  
Conc: 42.98 ng/ml



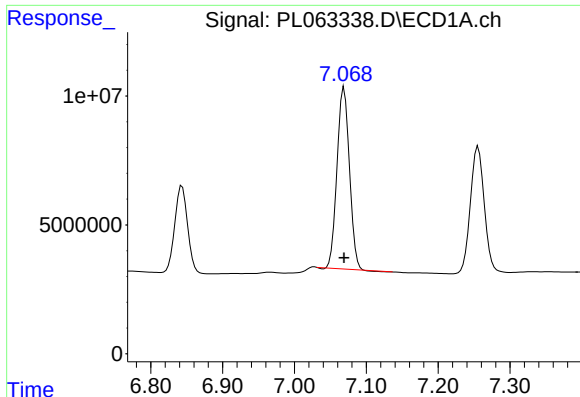
#20 Methoxychlor

R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 41698652  
Conc: 48.67 ng/ml



#20 Methoxychlor

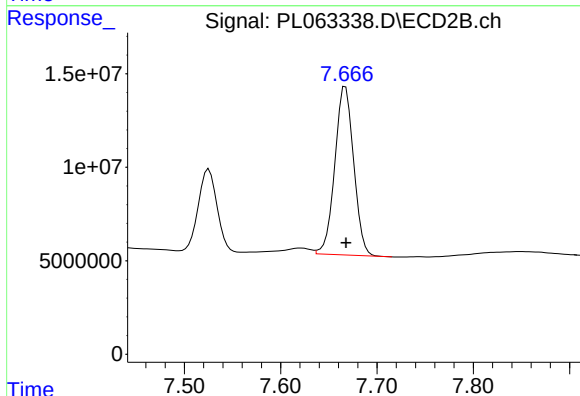
R.T.: 7.525 min  
Delta R.T.: 0.000 min  
Response: 58367087  
Conc: 42.57 ng/ml



#21 Endrin ketone

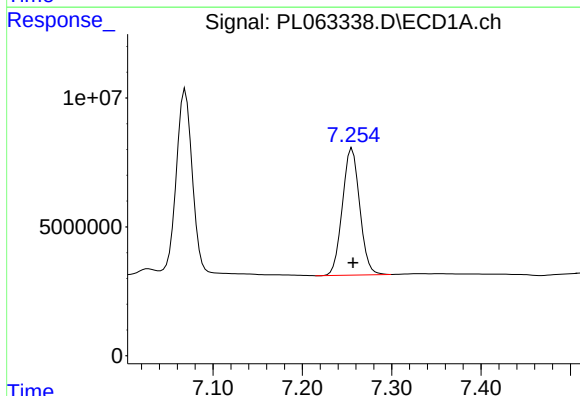
R.T.: 7.069 min  
Delta R.T.: 0.000 min  
Response: 84431604  
Conc: 45.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



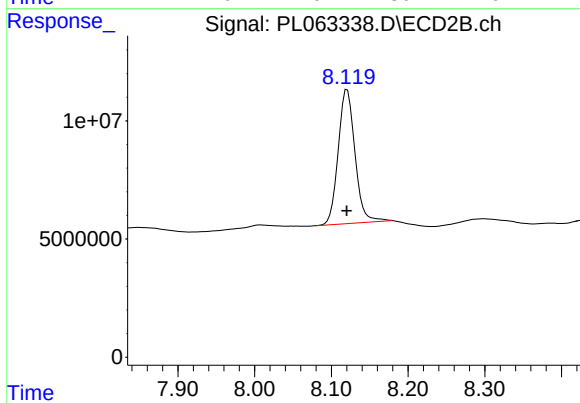
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: 0.000 min  
Response: 122365896  
Conc: 44.12 ng/ml



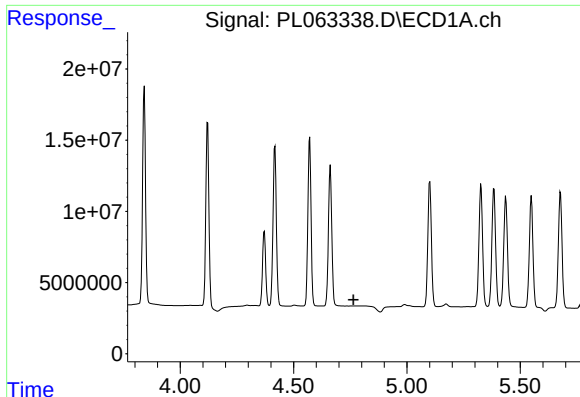
#22 Mirex

R.T.: 7.256 min  
Delta R.T.: 0.000 min  
Response: 66345524  
Conc: 44.62 ng/ml



#22 Mirex

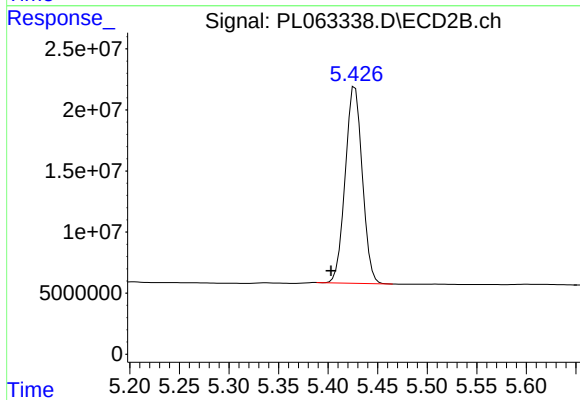
R.T.: 8.121 min  
Delta R.T.: 0.000 min  
Response: 86584116  
Conc: 44.33 ng/ml



#24 Chlordane-2

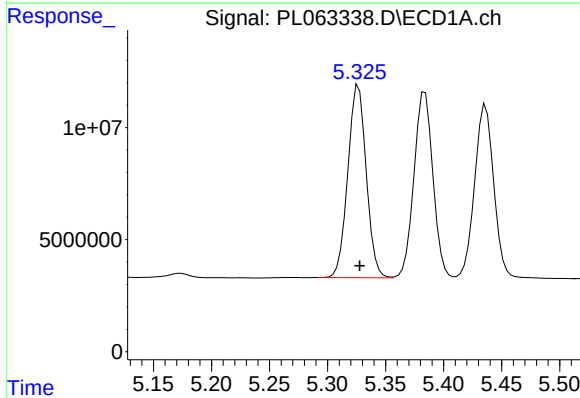
R.T.: 0.000 min  
Exp R.T.: 4.764 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



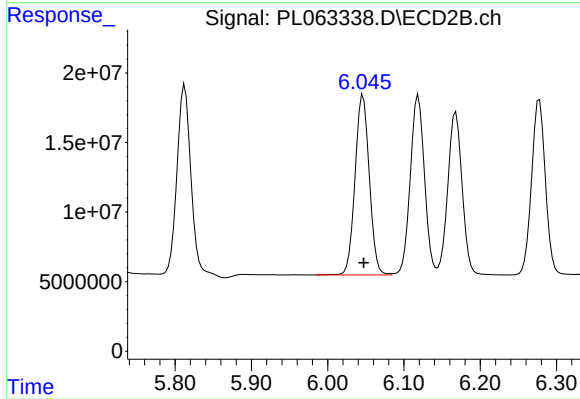
#24 Chlordane-2

R.T.: 5.427 min  
Delta R.T.: 0.024 min  
Response: 192822178  
Conc: 1639.22 ng/ml



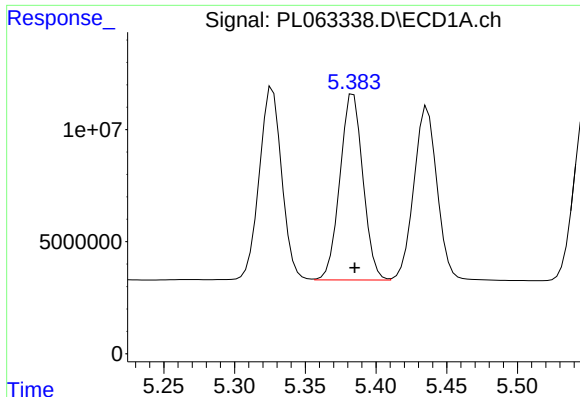
#25 Chlordane-3

R.T.: 5.327 min  
Delta R.T.: 0.000 min  
Response: 94776476  
Conc: 603.68 ng/ml



#25 Chlordane-3

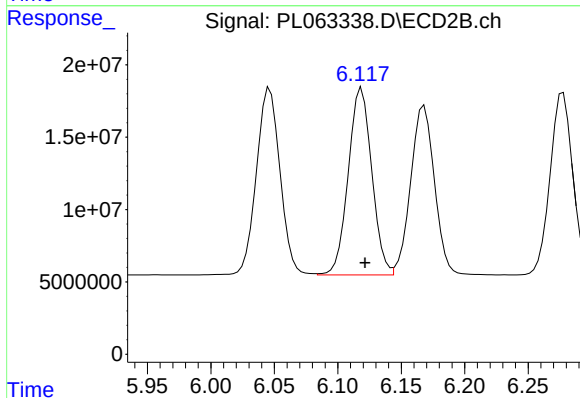
R.T.: 6.046 min  
Delta R.T.: -0.001 min  
Response: 167457969  
Conc: 377.60 ng/ml



#26 Chlordane-4

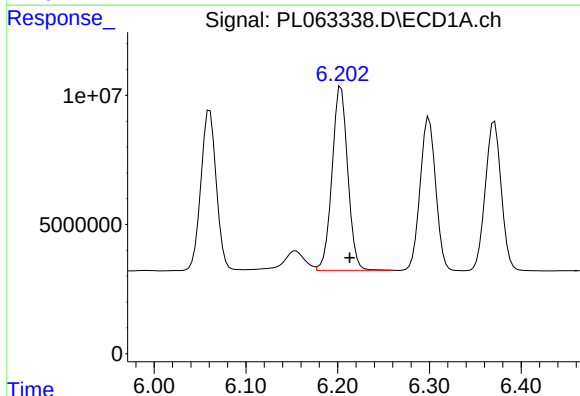
R.T.: 5.384 min  
Delta R.T.: -0.001 min  
Response: 94197925  
Conc: 716.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



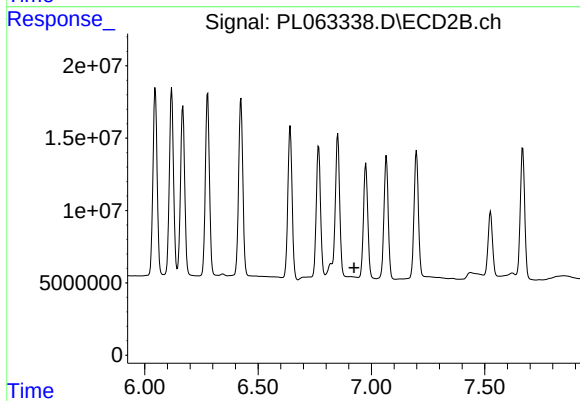
#26 Chlordane-4

R.T.: 6.119 min  
Delta R.T.: -0.003 min  
Response: 166588623  
Conc: 310.60 ng/ml



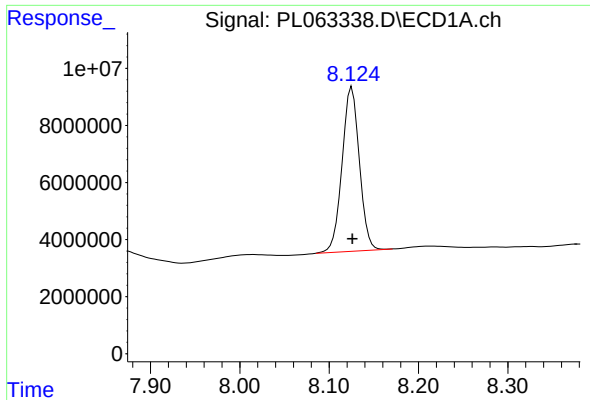
#27 Chlordane-5

R.T.: 6.204 min  
Delta R.T.: -0.010 min  
Response: 84731580  
Conc: 1455.35 ng/ml



#27 Chlordane-5

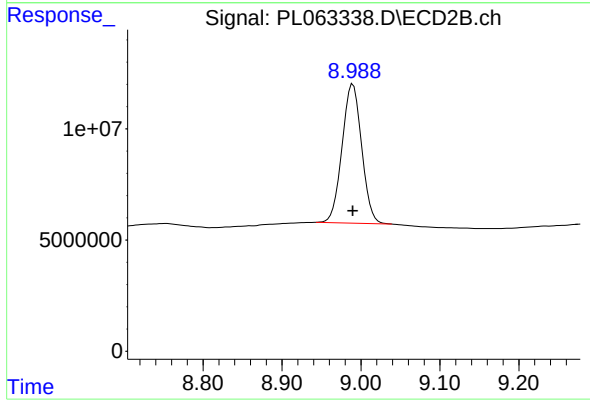
R.T.: 0.000 min  
Exp R.T.: 6.924 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.125 min  
Delta R.T.: 0.000 min  
Response: 77488970  
Conc: 41.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.990 min  
Delta R.T.: 0.000 min  
Response: 107818241  
Conc: 45.32 ng/ml