

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122920\  
 Data File : PL063838.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Dec 2020 12:38  
 Operator : AR\AJ  
 Sample : L5215-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 30 03:42:20 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 22 14:02:42 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... | 3.438 | 4.109  | 67371702 | 58377608 | 22.472   | 22.866    |
| 28)                         | SA Decachlor... | 8.175 | 9.265  | 48914512 | 33615113 | 17.754   | 17.050    |
| Target Compounds            |                 |       |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.872 | 4.511  | 246.2E6  | 175.4E6  | 49.310   | 48.691    |
| 3)                          | MA gamma-BHC... | 4.153 | 4.802  | 223.9E6  | 152.7E6  | 48.983   | 44.770    |
| 4)                          | MA Heptachlor   | 4.453 | 5.315  | 206.4E6  | 145.8E6  | 49.021   | 45.670    |
| 5)                          | MB Aldrin       | 4.698 | 5.625  | 206.2E6  | 226.6E6  | 51.629   | 79.149 #  |
| 6)                          | B beta-BHC      | 4.401 | 4.978  | 96035644 | 76743258 | 49.688   | 43.720    |
| 7)                          | B delta-BHC     | 4.604 | 5.199  | 159.4E6  | 109.0E6  | 35.175   | 33.150    |
| 8)                          | B Heptachlo...  | 5.140 | 6.017  | 191.0E6  | 156.9E6  | 50.843   | 56.526    |
| 9)                          | A Endosulfan I  | 5.476 | 6.380  | 177.0E6  | 114.0E6  | 51.127   | 45.317    |
| 10)                         | B gamma-Chl...  | 5.366 | 6.252  | 210.7E6  | 126.1E6  | 55.419   | 45.575    |
| 11)                         | B alpha-Chl...  | 5.425 | 6.326  | 192.8E6  | 123.0E6  | 51.382   | 44.573    |
| 12)                         | B 4,4'-DDE      | 5.592 | 6.482  | 178.8E6  | 114.8E6  | 52.021   | 46.487    |
| 13)                         | MA Dieldrin     | 5.719 | 6.640  | 180.2E6  | 116.2E6  | 49.722   | 44.593    |
| 14)                         | MA Endrin       | 5.973 | 6.862  | 158.1E6  | 95851380 | 54.259   | 49.392    |
| 15)                         | B Endosulfa...  | 6.245 | 7.074  | 148.1E6  | 94210259 | 44.940   | 39.963    |
| 16)                         | A 4,4'-DDD      | 6.105 | 6.979  | 140.0E6  | 93590755 | 47.861   | 44.268    |
| 17)                         | MA 4,4'-DDT     | 6.345 | 7.279  | 142.3E6  | 94921076 | 53.689   | 48.791    |
| 18)                         | B Endrin al...  | 6.414 | 7.200  | 114.0E6  | 77365188 | 41.185   | 38.375    |
| 19)                         | B Endosulfa...  | 6.627 | 7.423  | 145.1E6  | 89109065 | 46.067   | 39.623    |
| 20)                         | A Methoxychlor  | 6.892 | 7.738  | 59972921 | 44343160 | 45.649   | 42.030    |
| 21)                         | B Endrin ke...  | 7.113 | 7.902  | 154.7E6  | 102.9E6  | 44.510   | 41.742    |
| 22)                         | Mirex           | 7.301 | 8.354  | 116.4E6  | 71844446 | 46.336   | 39.829    |
| 23)                         | Chlordane-1     | 0.000 | 5.156f | 0        | 5154271  | N.D.     | 59.022 #  |
| 24)                         | Chlordane-2     | 0.000 | 5.583f | 0        | 14423502 | N.D.     | 149.485 # |
| 25)                         | Chlordane-3     | 5.366 | 6.252  | 210.7E6  | 126.1E6  | 644.779  | 368.029 # |
| 26)                         | Chlordane-4     | 5.425 | 6.326  | 192.8E6  | 123.0E6  | 720.411  | 299.325 # |
| 27)                         | Chlordane-5     | 6.245 | 0.000  | 148.1E6  | 0        | 1377.538 | N.D. #    |
| -----                       |                 |       |        |          |          |          |           |

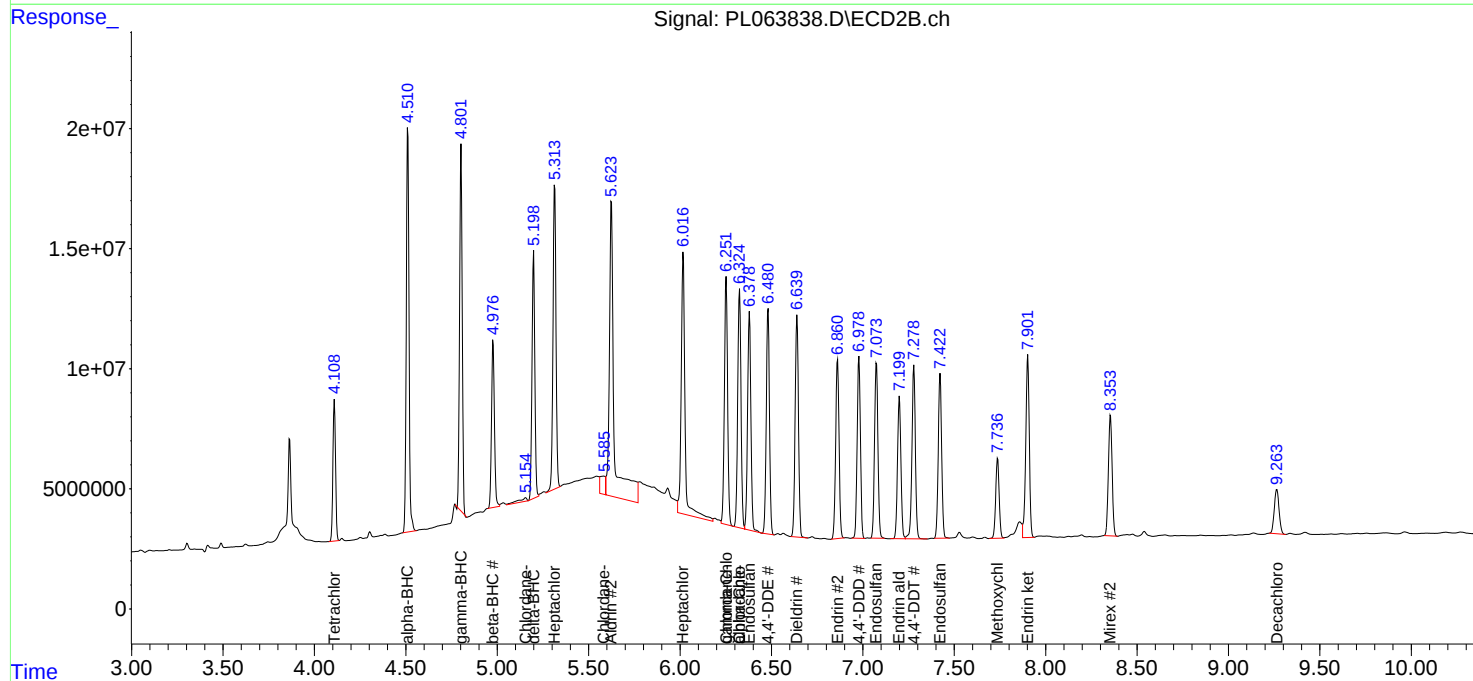
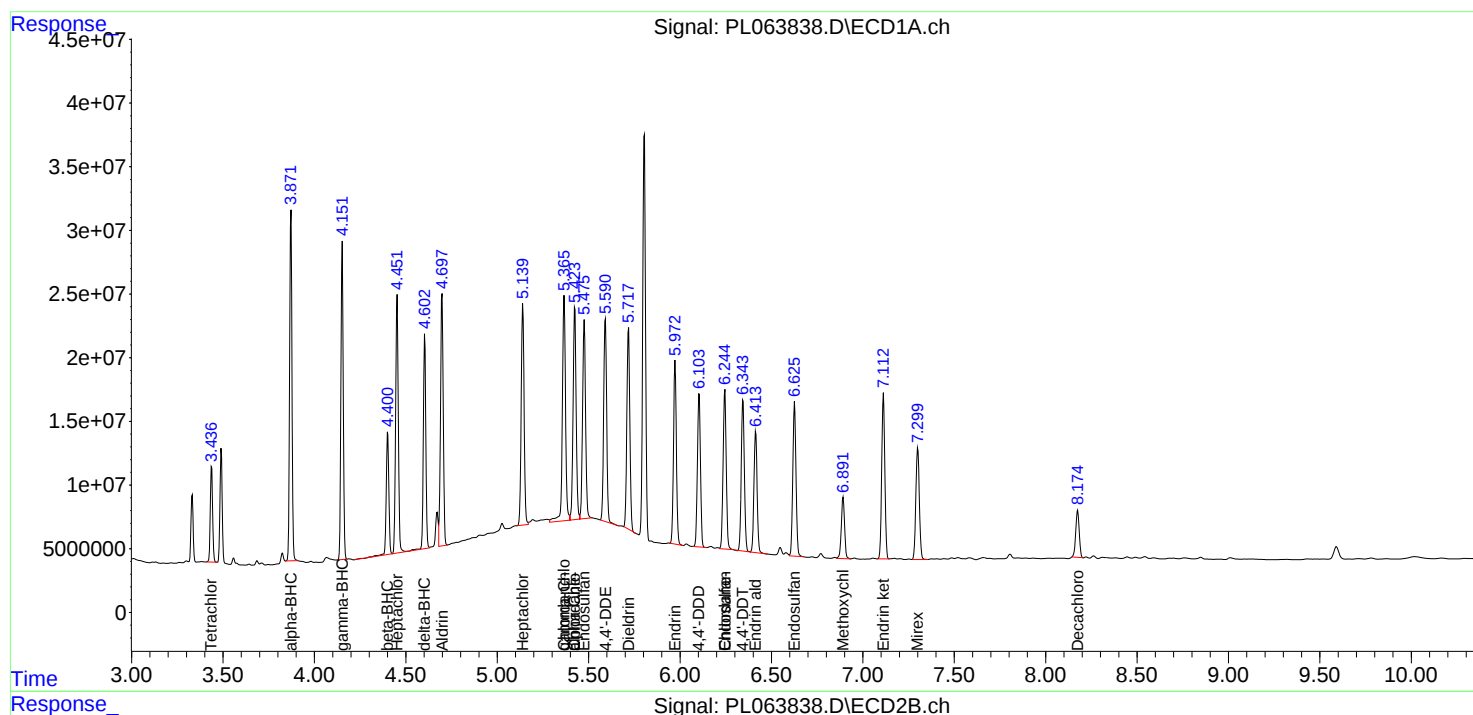
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

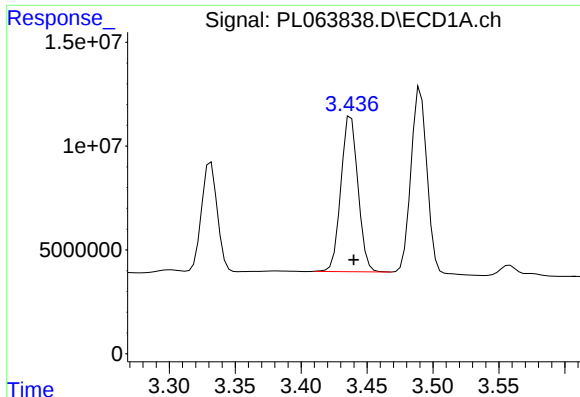
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122920\  
 Data File : PL063838.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Dec 2020 12:38  
 Operator : AR\AJ  
 Sample : L5215-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 30 03:42:20 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 22 14:02:42 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

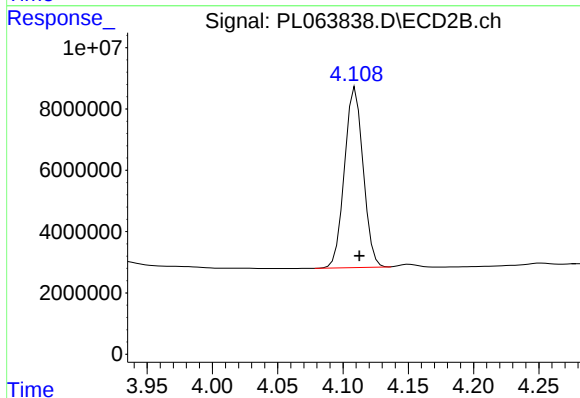




#1 Tetrachloro-m-xylene

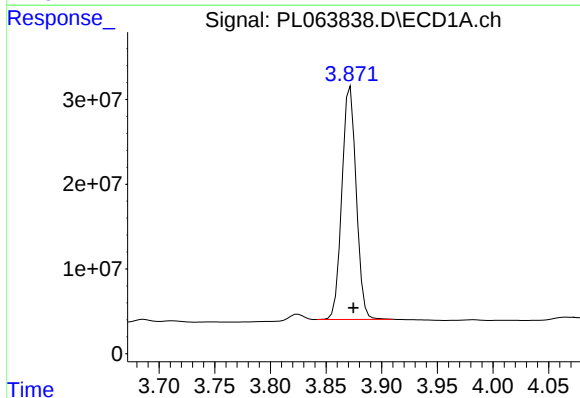
R.T.: 3.438 min  
Delta R.T.: -0.002 min  
Response: 67371702  
Conc: 22.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



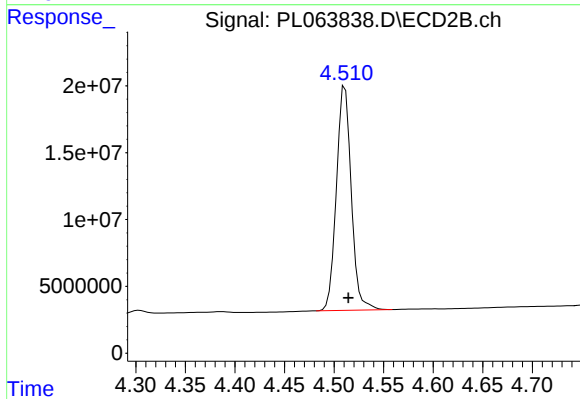
#1 Tetrachloro-m-xylene

R.T.: 4.109 min  
Delta R.T.: -0.003 min  
Response: 58377608  
Conc: 22.87 ng/ml



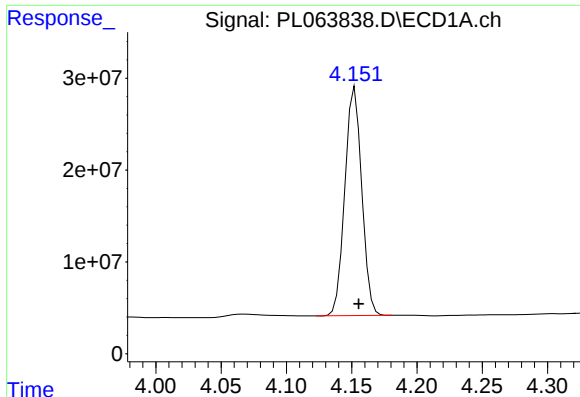
#2 alpha-BHC

R.T.: 3.872 min  
Delta R.T.: -0.003 min  
Response: 246157613  
Conc: 49.31 ng/ml



#2 alpha-BHC

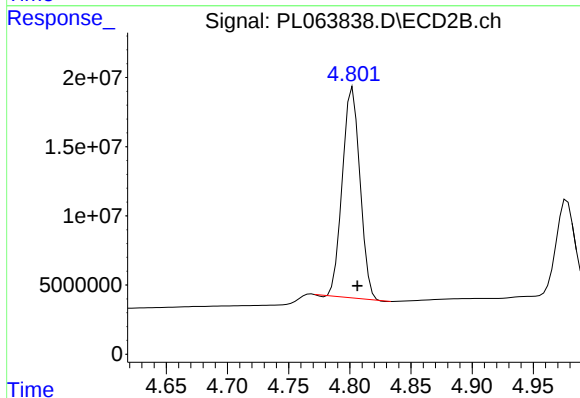
R.T.: 4.511 min  
Delta R.T.: -0.003 min  
Response: 175403715  
Conc: 48.69 ng/ml



#3 gamma-BHC (Lindane)

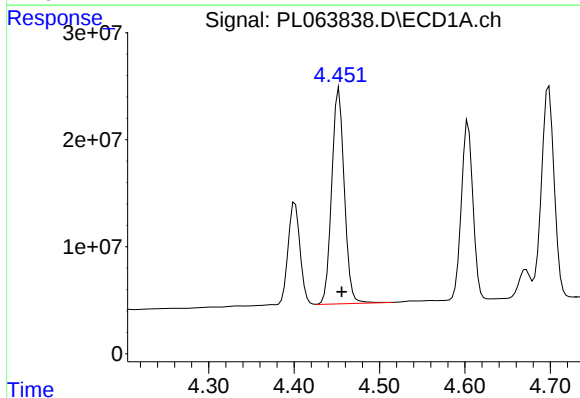
R.T.: 4.153 min  
Delta R.T.: -0.003 min  
Response: 223903282  
Conc: 48.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



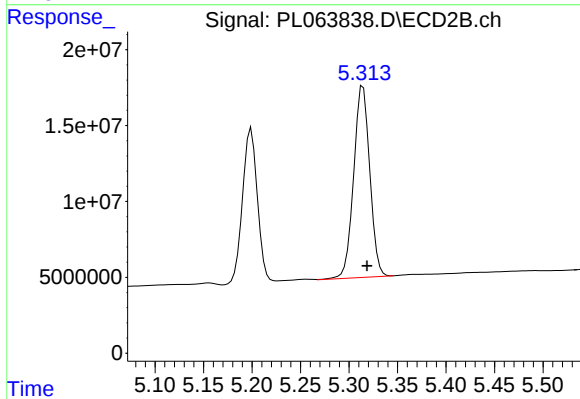
#3 gamma-BHC (Lindane)

R.T.: 4.802 min  
Delta R.T.: -0.004 min  
Response: 152721029  
Conc: 44.77 ng/ml



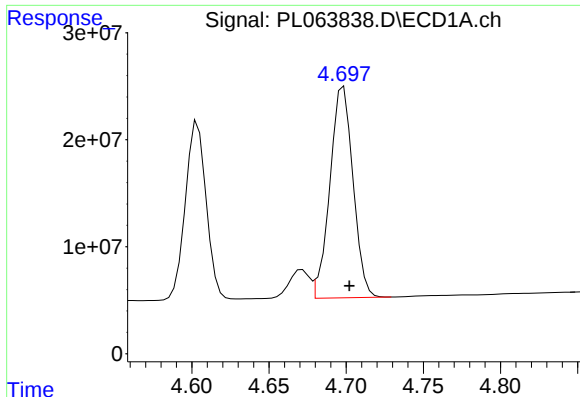
#4 Heptachlor

R.T.: 4.453 min  
Delta R.T.: -0.003 min  
Response: 206436448  
Conc: 49.02 ng/ml



#4 Heptachlor

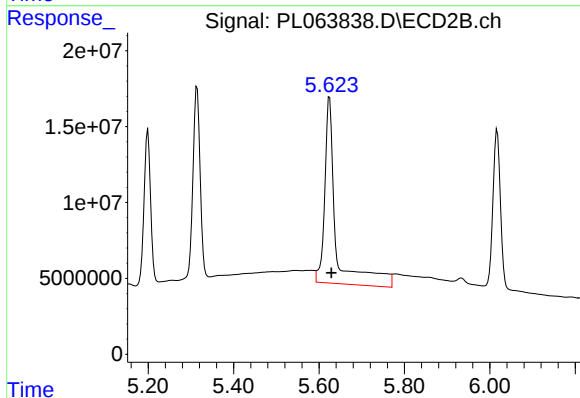
R.T.: 5.315 min  
Delta R.T.: -0.004 min  
Response: 145825661  
Conc: 45.67 ng/ml



#5 Aldrin

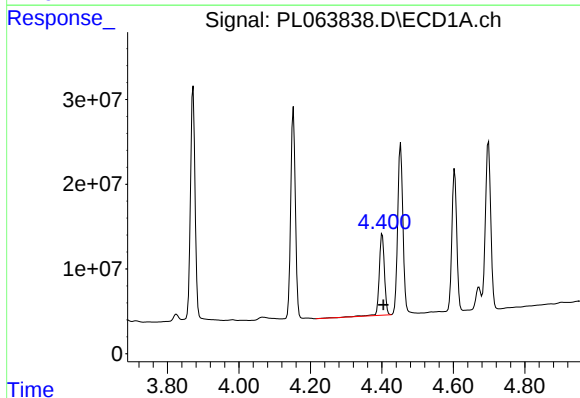
R.T.: 4.698 min  
Delta R.T.: -0.004 min  
Response: 206214474  
Conc: 51.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



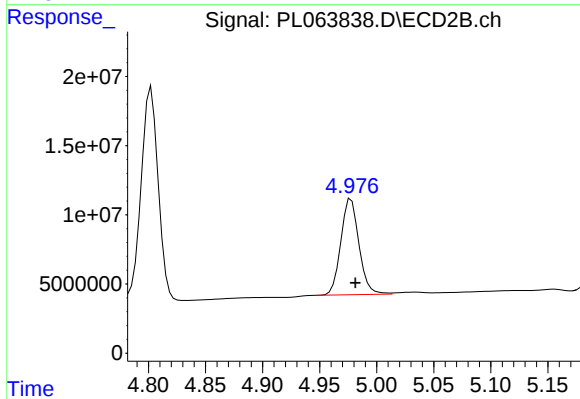
#5 Aldrin

R.T.: 5.625 min  
Delta R.T.: -0.005 min  
Response: 226552343  
Conc: 79.15 ng/ml



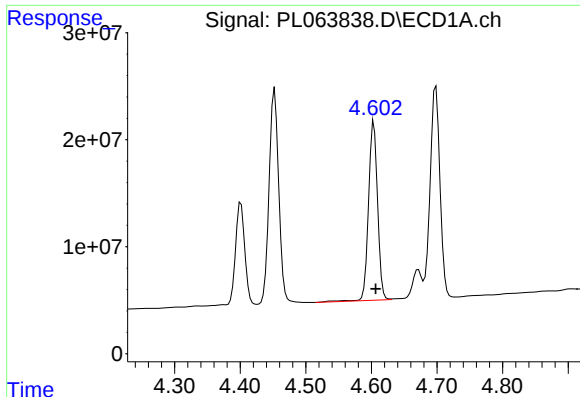
#6 beta-BHC

R.T.: 4.401 min  
Delta R.T.: -0.003 min  
Response: 96035644  
Conc: 49.69 ng/ml



#6 beta-BHC

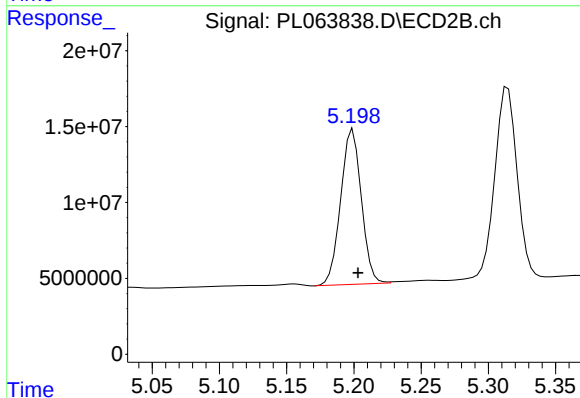
R.T.: 4.978 min  
Delta R.T.: -0.004 min  
Response: 76743258  
Conc: 43.72 ng/ml



#7 delta-BHC

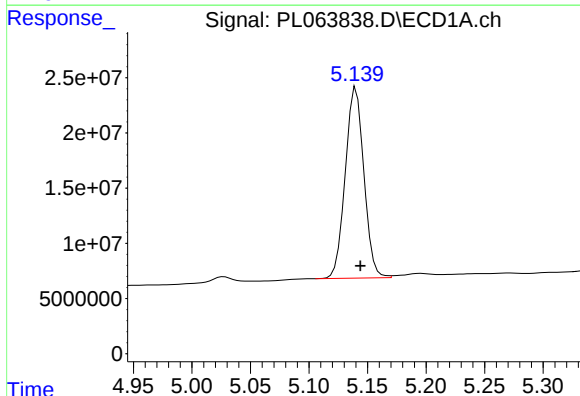
R.T.: 4.604 min  
Delta R.T.: -0.003 min  
Response: 159424985  
Conc: 35.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



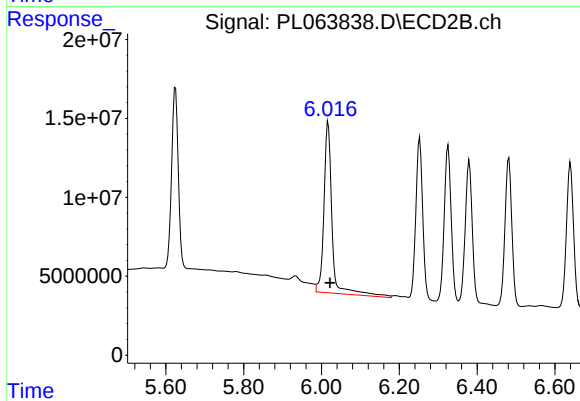
#7 delta-BHC

R.T.: 5.199 min  
Delta R.T.: -0.004 min  
Response: 108976618  
Conc: 33.15 ng/ml



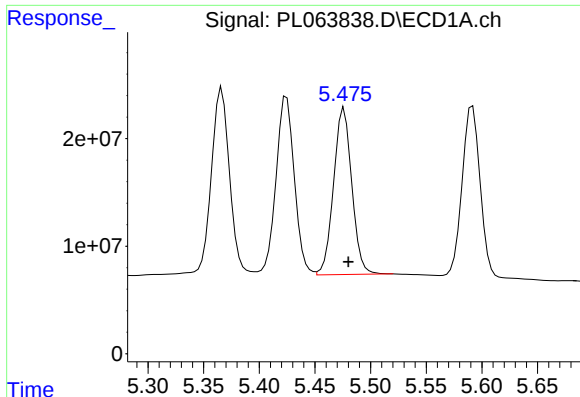
#8 Heptachlor epoxide

R.T.: 5.140 min  
Delta R.T.: -0.004 min  
Response: 191013607  
Conc: 50.84 ng/ml



#8 Heptachlor epoxide

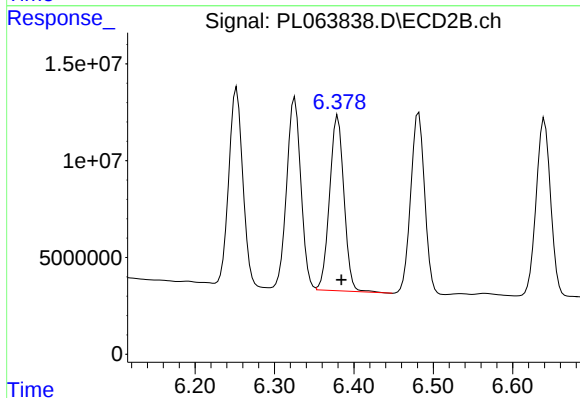
R.T.: 6.017 min  
Delta R.T.: -0.005 min  
Response: 156863132  
Conc: 56.53 ng/ml



#9 Endosulfan I

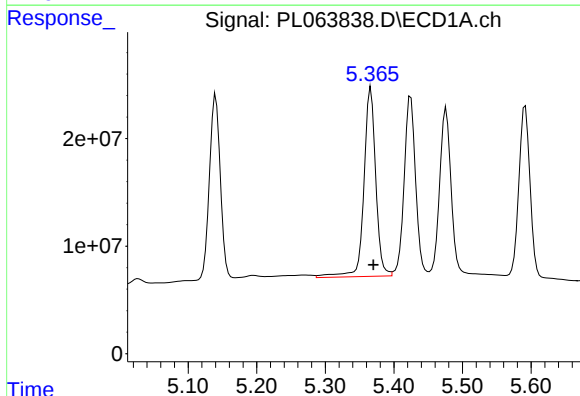
R.T.: 5.476 min  
Delta R.T.: -0.004 min  
Response: 177022028  
Conc: 51.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



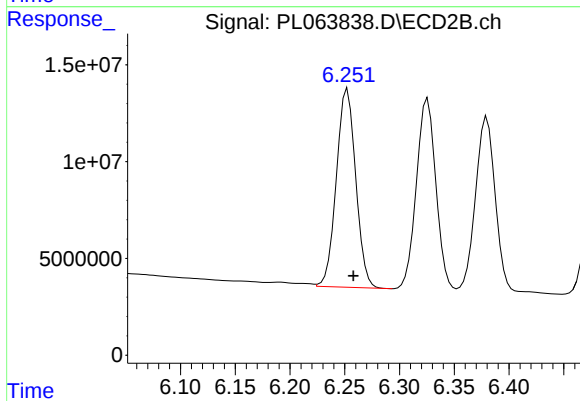
#9 Endosulfan I

R.T.: 6.380 min  
Delta R.T.: -0.005 min  
Response: 113992691  
Conc: 45.32 ng/ml



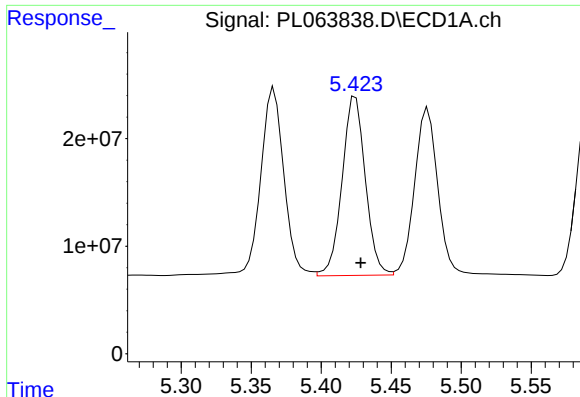
#10 gamma-Chlordane

R.T.: 5.366 min  
Delta R.T.: -0.004 min  
Response: 210693825  
Conc: 55.42 ng/ml



#10 gamma-Chlordane

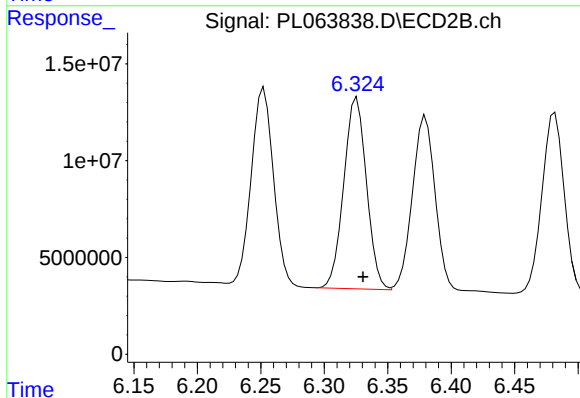
R.T.: 6.252 min  
Delta R.T.: -0.005 min  
Response: 126100558  
Conc: 45.57 ng/ml



#11 alpha-Chlordane

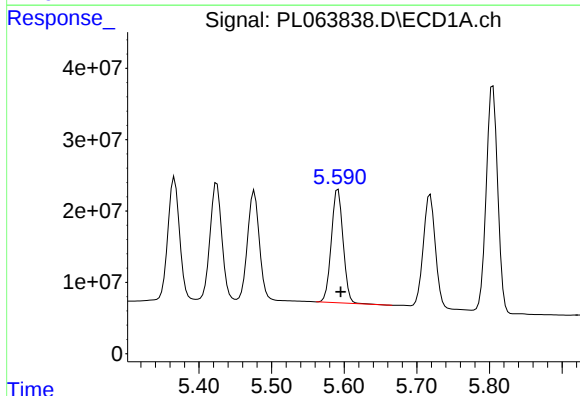
R.T.: 5.425 min  
Delta R.T.: -0.004 min  
Response: 192754866  
Conc: 51.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



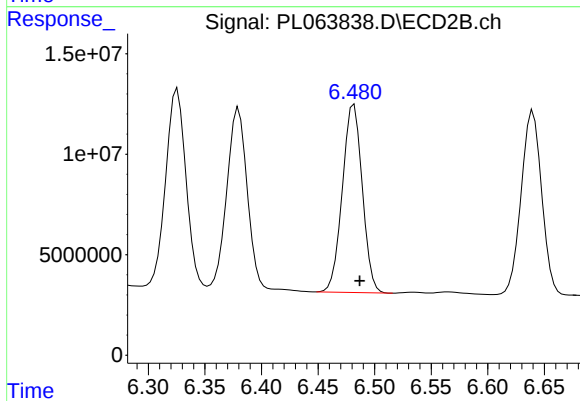
#11 alpha-Chlordane

R.T.: 6.326 min  
Delta R.T.: -0.005 min  
Response: 123031882  
Conc: 44.57 ng/ml



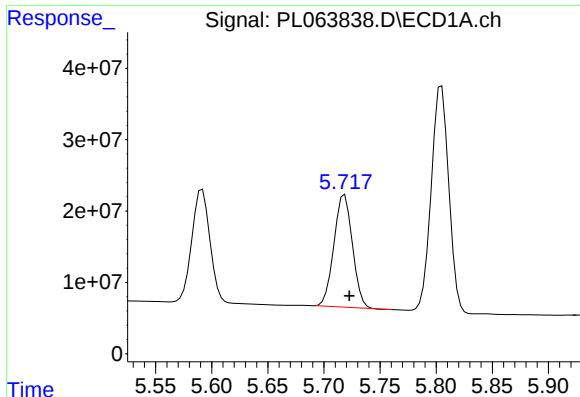
#12 4,4'-DDE

R.T.: 5.592 min  
Delta R.T.: -0.004 min  
Response: 178837484  
Conc: 52.02 ng/ml



#12 4,4'-DDE

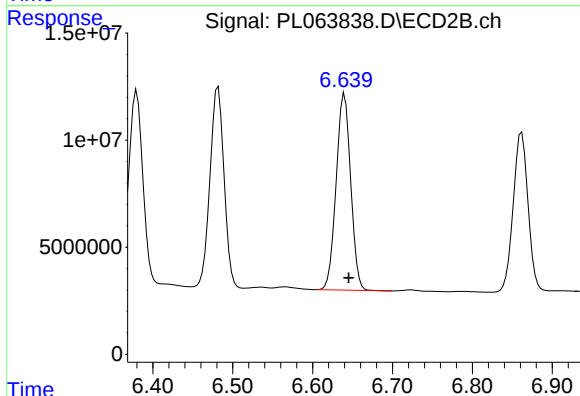
R.T.: 6.482 min  
Delta R.T.: -0.005 min  
Response: 114805584  
Conc: 46.49 ng/ml



#13 Dieldrin

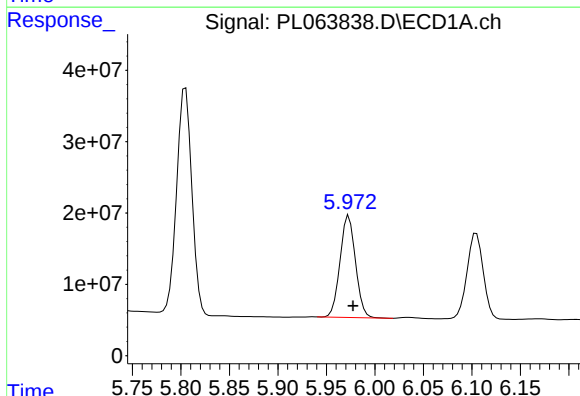
R.T.: 5.719 min  
Delta R.T.: -0.004 min  
Response: 180214313  
Conc: 49.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



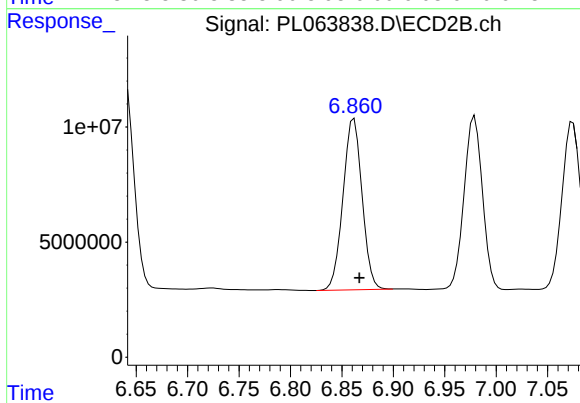
#13 Dieldrin

R.T.: 6.640 min  
Delta R.T.: -0.005 min  
Response: 116166721  
Conc: 44.59 ng/ml



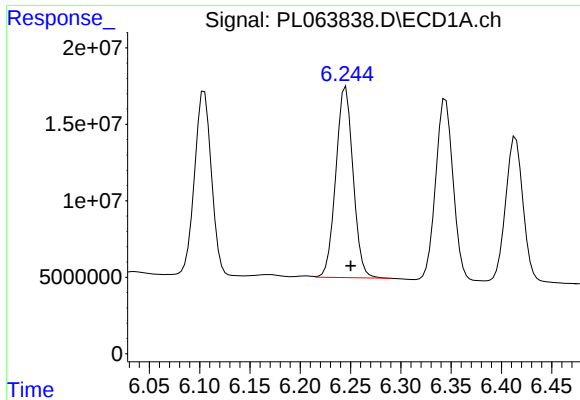
#14 Endrin

R.T.: 5.973 min  
Delta R.T.: -0.004 min  
Response: 158129832  
Conc: 54.26 ng/ml



#14 Endrin

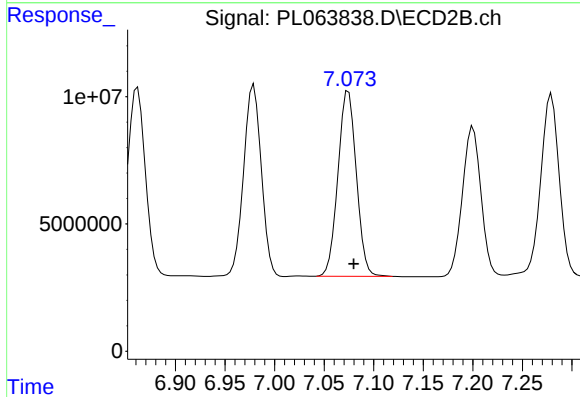
R.T.: 6.862 min  
Delta R.T.: -0.005 min  
Response: 95851380  
Conc: 49.39 ng/ml



#15 Endosulfan II

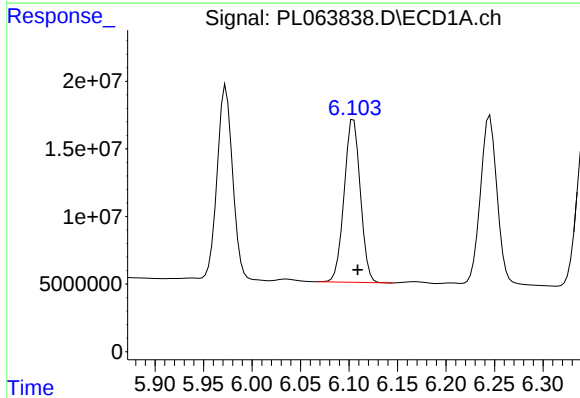
R.T.: 6.245 min  
Delta R.T.: -0.005 min  
Response: 148139581  
Conc: 44.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



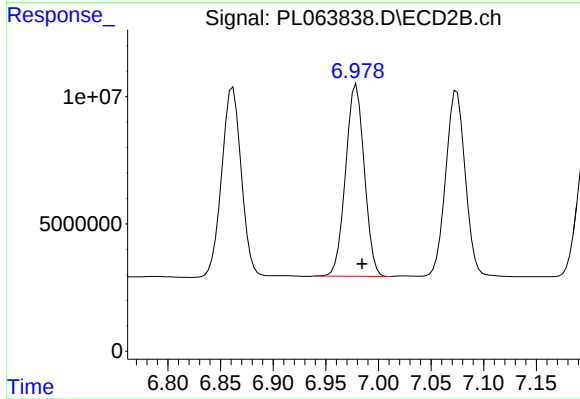
#15 Endosulfan II

R.T.: 7.074 min  
Delta R.T.: -0.005 min  
Response: 94210259  
Conc: 39.96 ng/ml



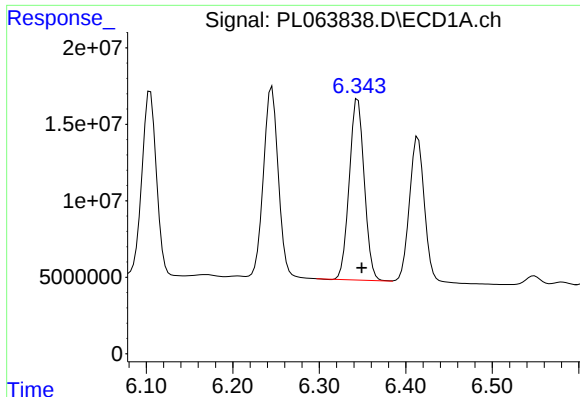
#16 4,4'-DDD

R.T.: 6.105 min  
Delta R.T.: -0.004 min  
Response: 139987431  
Conc: 47.86 ng/ml



#16 4,4'-DDD

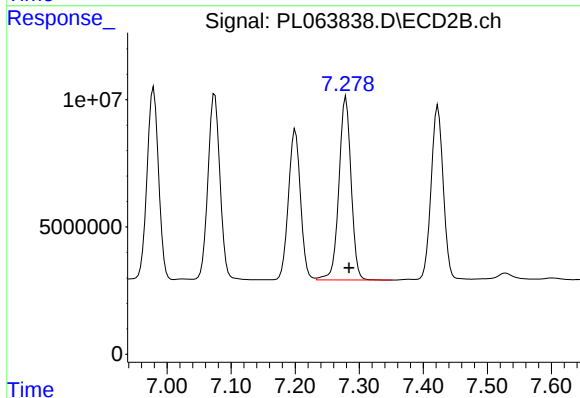
R.T.: 6.979 min  
Delta R.T.: -0.006 min  
Response: 93590755  
Conc: 44.27 ng/ml



#17 4,4'-DDT

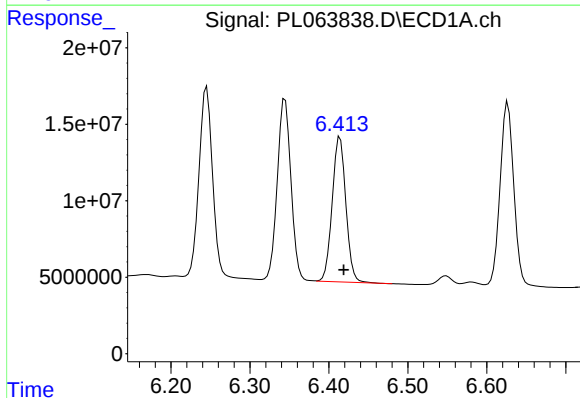
R.T.: 6.345 min  
Delta R.T.: -0.005 min  
Response: 142276714  
Conc: 53.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



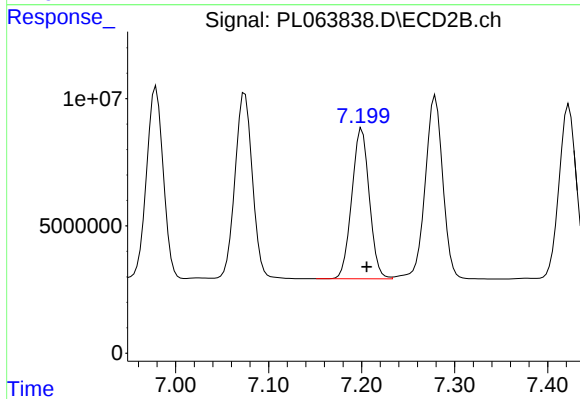
#17 4,4'-DDT

R.T.: 7.279 min  
Delta R.T.: -0.005 min  
Response: 94921076  
Conc: 48.79 ng/ml



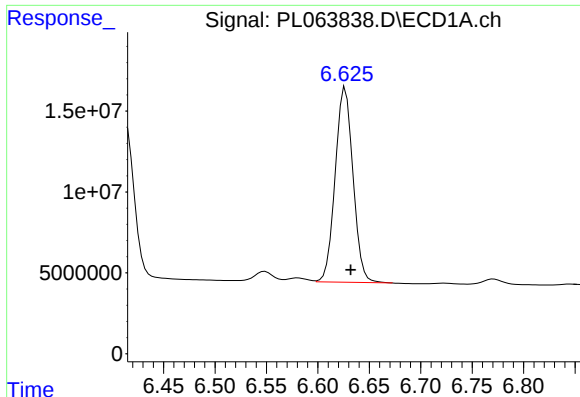
#18 Endrin aldehyde

R.T.: 6.414 min  
Delta R.T.: -0.005 min  
Response: 113980101  
Conc: 41.18 ng/ml



#18 Endrin aldehyde

R.T.: 7.200 min  
Delta R.T.: -0.005 min  
Response: 77365188  
Conc: 38.38 ng/ml



#19 Endosulfan Sulfate

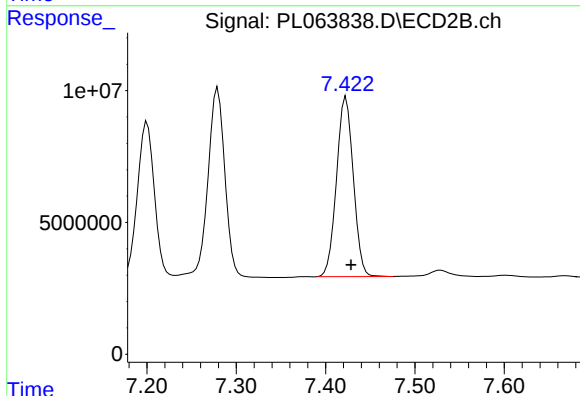
R.T.: 6.627 min

Delta R.T.: -0.005 min

Response: 145057210

Conc: 46.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



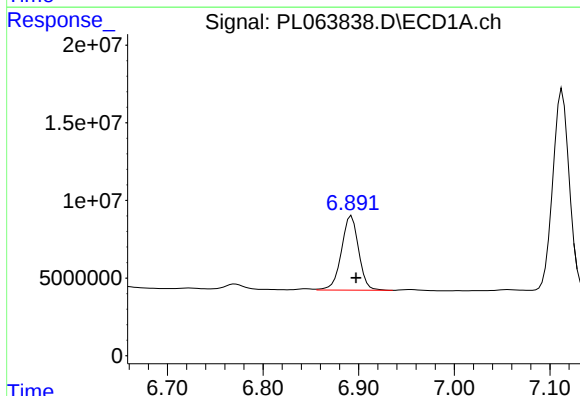
#19 Endosulfan Sulfate

R.T.: 7.423 min

Delta R.T.: -0.005 min

Response: 89109065

Conc: 39.62 ng/ml



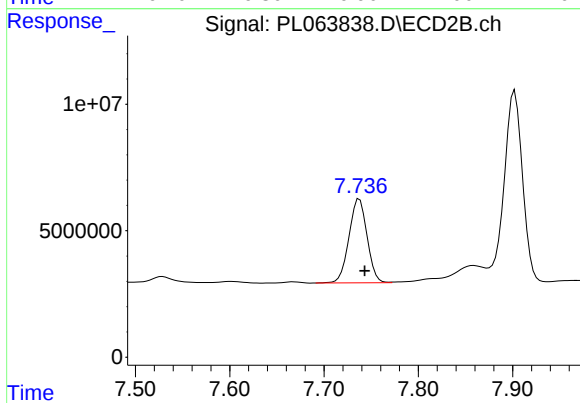
#20 Methoxychlor

R.T.: 6.892 min

Delta R.T.: -0.005 min

Response: 59972921

Conc: 45.65 ng/ml



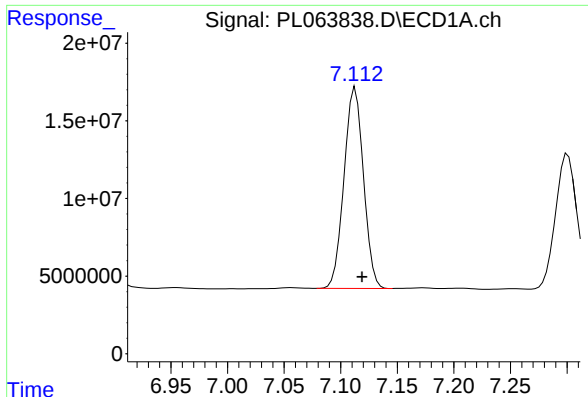
#20 Methoxychlor

R.T.: 7.738 min

Delta R.T.: -0.006 min

Response: 44343160

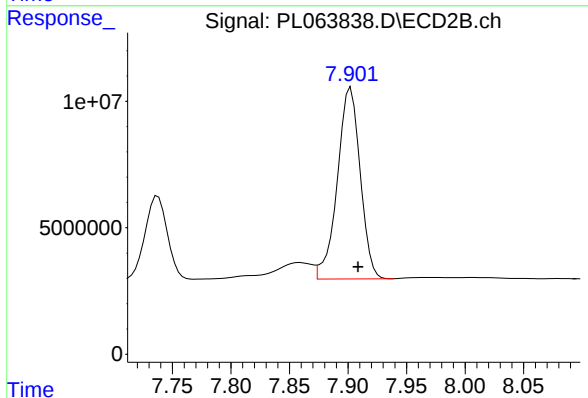
Conc: 42.03 ng/ml



#21 Endrin ketone

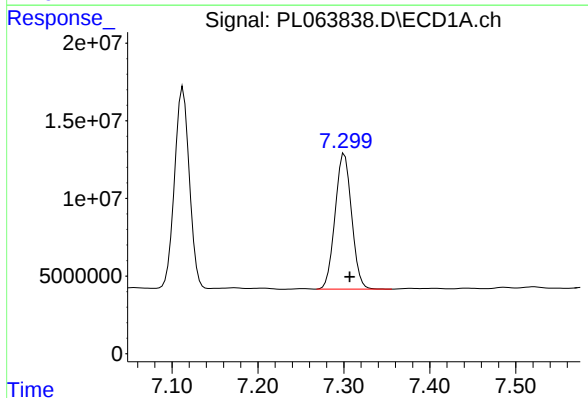
R.T.: 7.113 min  
Delta R.T.: -0.006 min  
Response: 154747043  
Conc: 44.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



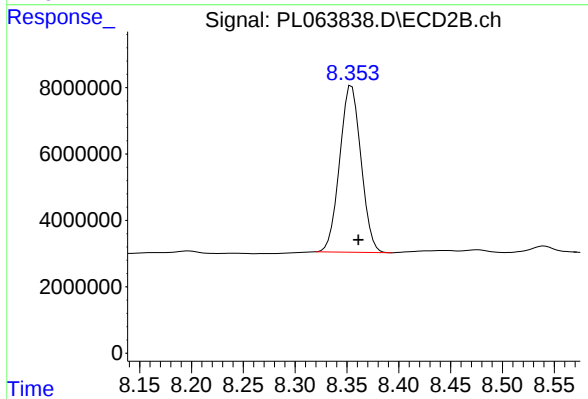
#21 Endrin ketone

R.T.: 7.902 min  
Delta R.T.: -0.006 min  
Response: 102938816  
Conc: 41.74 ng/ml



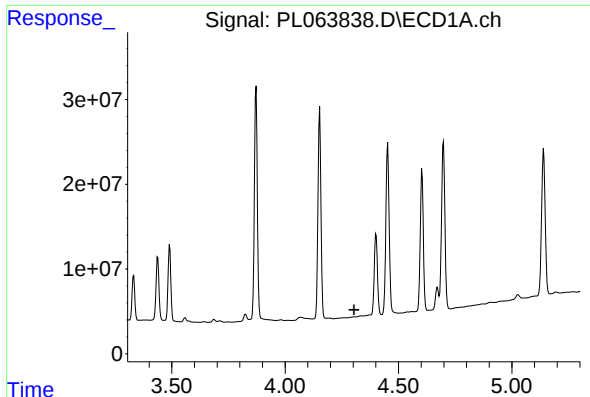
#22 Mirex

R.T.: 7.301 min  
Delta R.T.: -0.006 min  
Response: 116351347  
Conc: 46.34 ng/ml



#22 Mirex

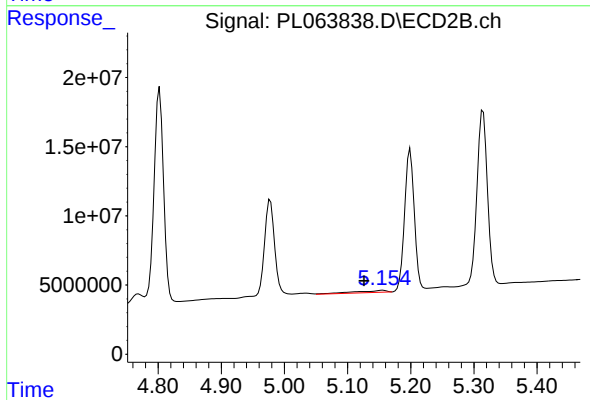
R.T.: 8.354 min  
Delta R.T.: -0.007 min  
Response: 71844446  
Conc: 39.83 ng/ml



#23 Chlordane-1

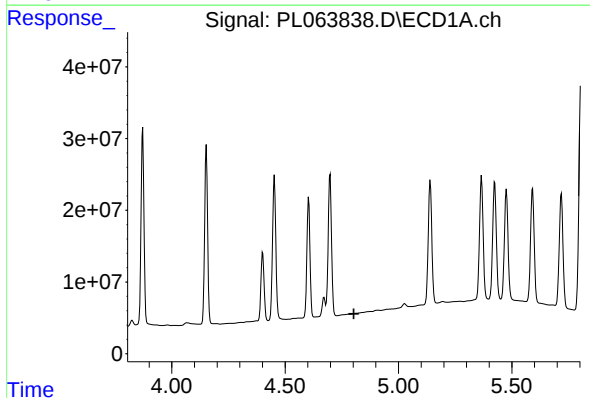
R.T.: 0.000 min  
Exp R.T.: 4.304 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



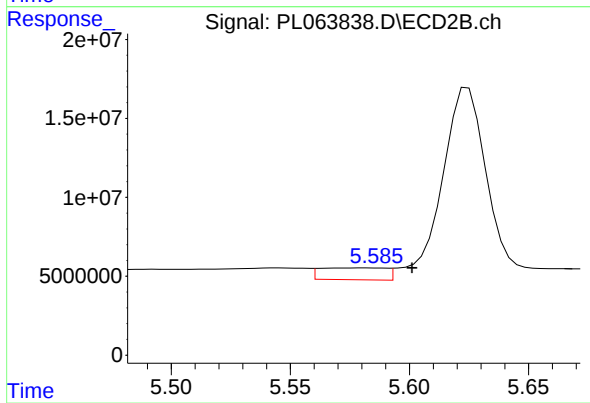
#23 Chlordane-1

R.T.: 5.156 min  
Delta R.T.: 0.030 min  
Response: 5154271  
Conc: 59.02 ng/ml



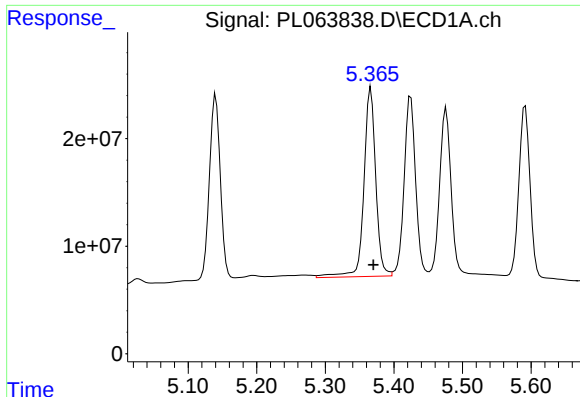
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 4.804 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

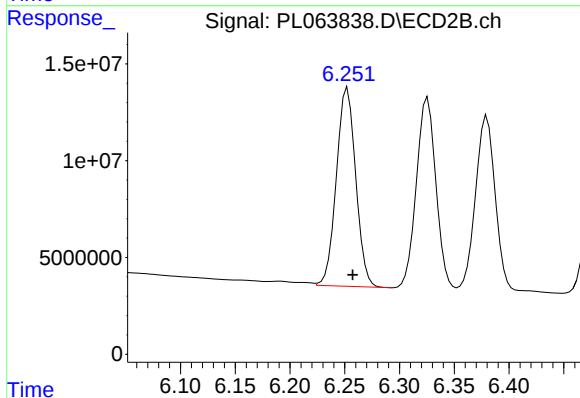
R.T.: 5.583 min  
Delta R.T.: -0.018 min  
Response: 14423502  
Conc: 149.48 ng/ml



#25 Chlordane-3

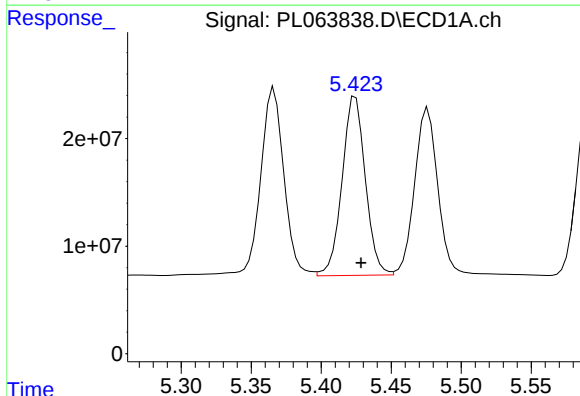
R.T.: 5.366 min  
Delta R.T.: -0.004 min  
Response: 210693825  
Conc: 644.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



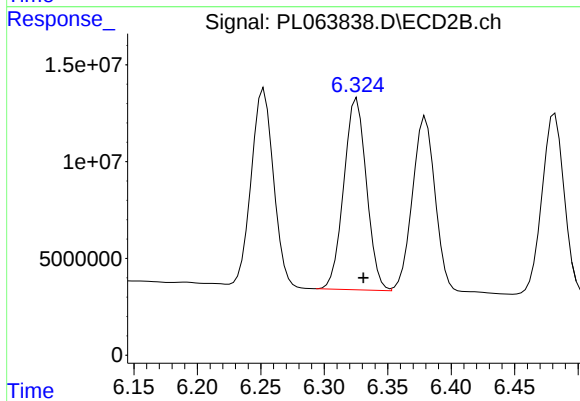
#25 Chlordane-3

R.T.: 6.252 min  
Delta R.T.: -0.005 min  
Response: 126100558  
Conc: 368.03 ng/ml



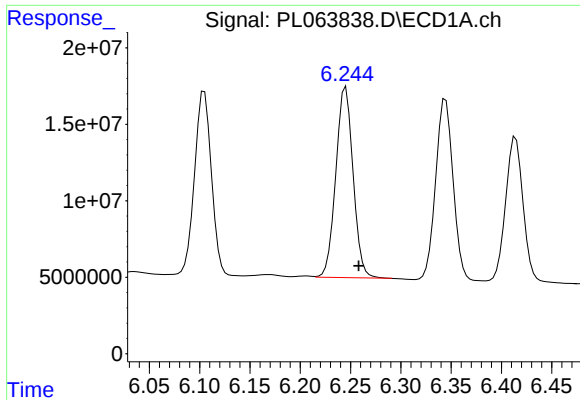
#26 Chlordane-4

R.T.: 5.425 min  
Delta R.T.: -0.004 min  
Response: 192754866  
Conc: 720.41 ng/ml



#26 Chlordane-4

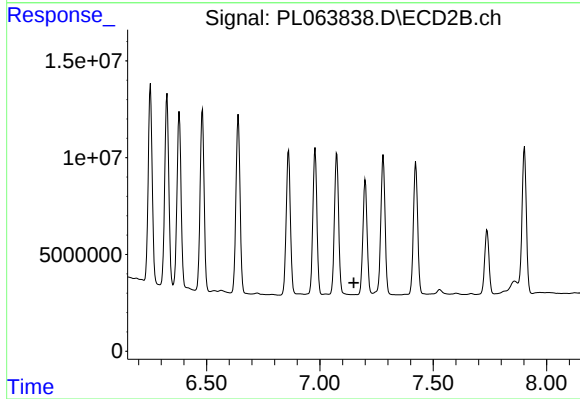
R.T.: 6.326 min  
Delta R.T.: -0.005 min  
Response: 123031882  
Conc: 299.32 ng/ml



#27 Chlordane-5

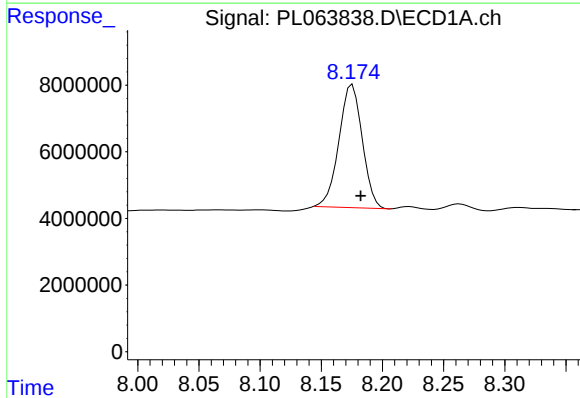
R.T.: 6.245 min  
Delta R.T.: -0.013 min  
Response: 148139581  
Conc: 1377.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



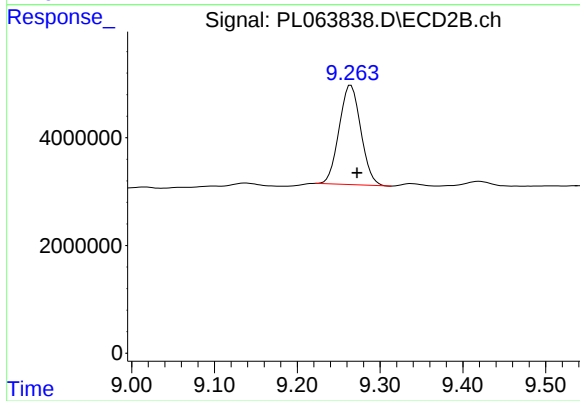
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.150 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.175 min  
Delta R.T.: -0.007 min  
Response: 48914512  
Conc: 17.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.265 min  
Delta R.T.: -0.007 min  
Response: 33615113  
Conc: 17.05 ng/ml