

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123120\  
 Data File : PL063887.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Dec 2020 15:45  
 Operator : AR\AJ  
 Sample : PB133885BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 01 00:33:40 2021  
 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... | 3.437 | 4.111  | 83557480 | 68249251 | 27.871   | 26.733     |
| 28)                         | SA Decachlor... | 8.174 | 9.265  | 68727564 | 46231020 | 24.945   | 23.448     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.871 | 4.512  | 289.3E6  | 203.0E6  | 57.951   | 56.342     |
| 3)                          | MA gamma-BHC... | 4.152 | 4.804  | 259.8E6  | 186.1E6  | 56.829   | 54.567     |
| 4)                          | MA Heptachlor   | 4.452 | 5.316  | 234.6E6  | 167.0E6  | 55.712   | 52.303     |
| 5)                          | MB Aldrin       | 4.698 | 5.626  | 220.1E6  | 147.4E6  | 55.103   | 51.501     |
| 6)                          | B beta-BHC      | 4.401 | 4.979  | 107.4E6  | 86471969 | 55.549   | 49.263     |
| 7)                          | B delta-BHC     | 4.604 | 5.201  | 258.7E6  | 175.8E6  | 57.080   | 53.477     |
| 8)                          | B Heptachlo...  | 5.139 | 6.019  | 210.9E6  | 143.0E6  | 56.127   | 51.514     |
| 9)                          | A Endosulfan I  | 5.475 | 6.381  | 194.1E6  | 129.2E6  | 56.069   | 51.382     |
| 10)                         | B gamma-Chl...  | 5.366 | 6.255  | 210.3E6  | 138.7E6  | 55.305   | 50.113     |
| 11)                         | B alpha-Chl...  | 5.424 | 6.327  | 203.3E6  | 138.8E6  | 54.193   | 50.285     |
| 12)                         | B 4,4'-DDE      | 5.590 | 6.483  | 189.9E6  | 123.3E6  | 55.234   | 49.922     |
| 13)                         | MA Dieldrin     | 5.718 | 6.641  | 201.6E6  | 132.4E6  | 55.610   | 50.822     |
| 14)                         | MA Endrin       | 5.973 | 6.863  | 175.0E6  | 102.2E6  | 60.056   | 52.645     |
| 15)                         | B Endosulfa...  | 6.245 | 7.076  | 174.9E6  | 108.4E6  | 53.050   | 45.987     |
| 16)                         | A 4,4'-DDD      | 6.104 | 6.980  | 166.8E6  | 108.4E6  | 57.014   | 51.267     |
| 17)                         | MA 4,4'-DDT     | 6.344 | 7.281  | 144.5E6  | 97449081 | 54.531   | 50.091     |
| 18)                         | B Endrin al...  | 6.413 | 7.201  | 134.5E6  | 90916345 | 48.617   | 45.097     |
| 19)                         | B Endosulfa...  | 6.626 | 7.425  | 174.4E6  | 108.3E6  | 55.370   | 48.166     |
| 20)                         | A Methoxychlor  | 6.892 | 7.738  | 72759970 | 48865041 | 55.382   | 46.316     |
| 21)                         | B Endrin ke...  | 7.112 | 7.904  | 188.6E6  | 117.7E6  | 54.249   | 47.736     |
| 22)                         | Mirex           | 7.299 | 8.356  | 134.5E6  | 83390253 | 53.577   | 46.229     |
| 24)                         | Chlordane-2     | 0.000 | 5.626f | 0        | 147.4E6  | N.D.     | 1527.790 # |
| 25)                         | Chlordane-3     | 5.366 | 6.255  | 210.3E6  | 138.7E6  | 643.451  | 404.676 #  |
| 26)                         | Chlordane-4     | 5.424 | 6.327  | 203.3E6  | 138.8E6  | 759.811  | 337.684 #  |
| 27)                         | Chlordane-5     | 6.245 | 0.000  | 174.9E6  | 0        | 1626.111 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

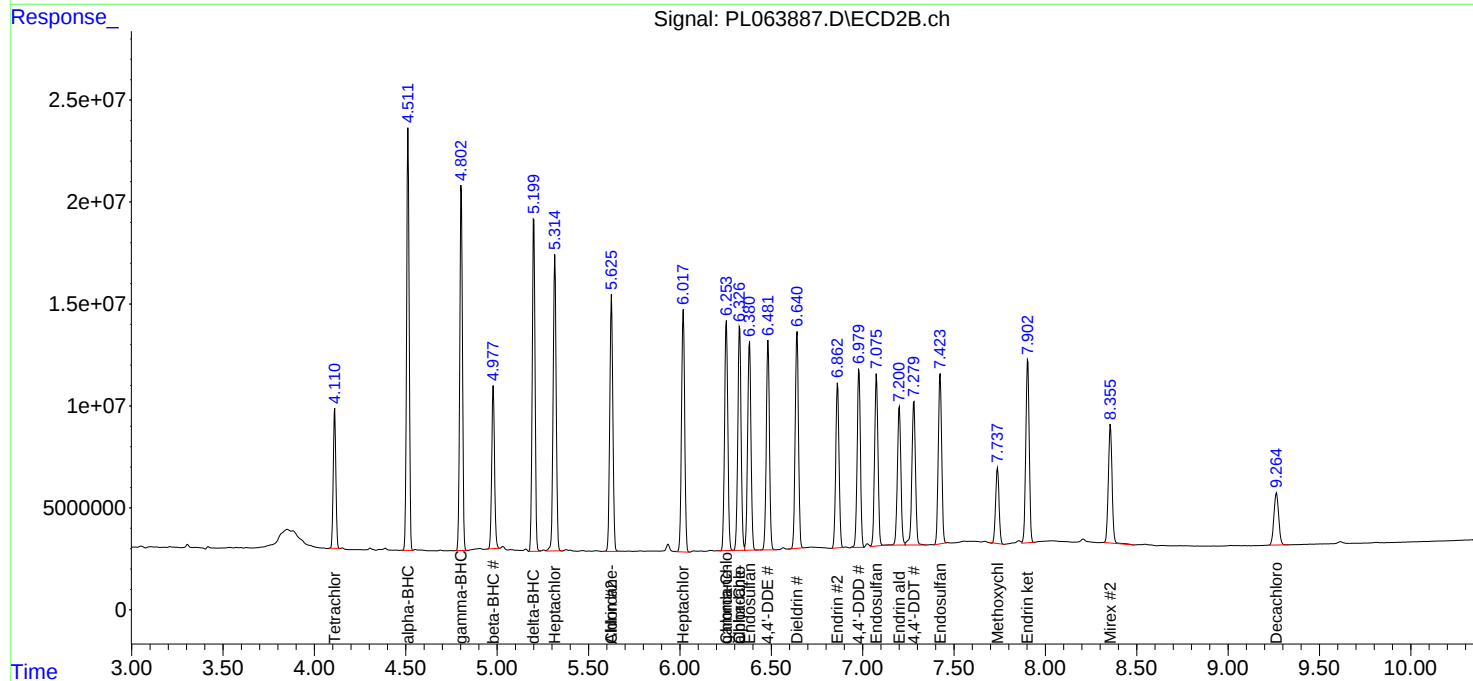
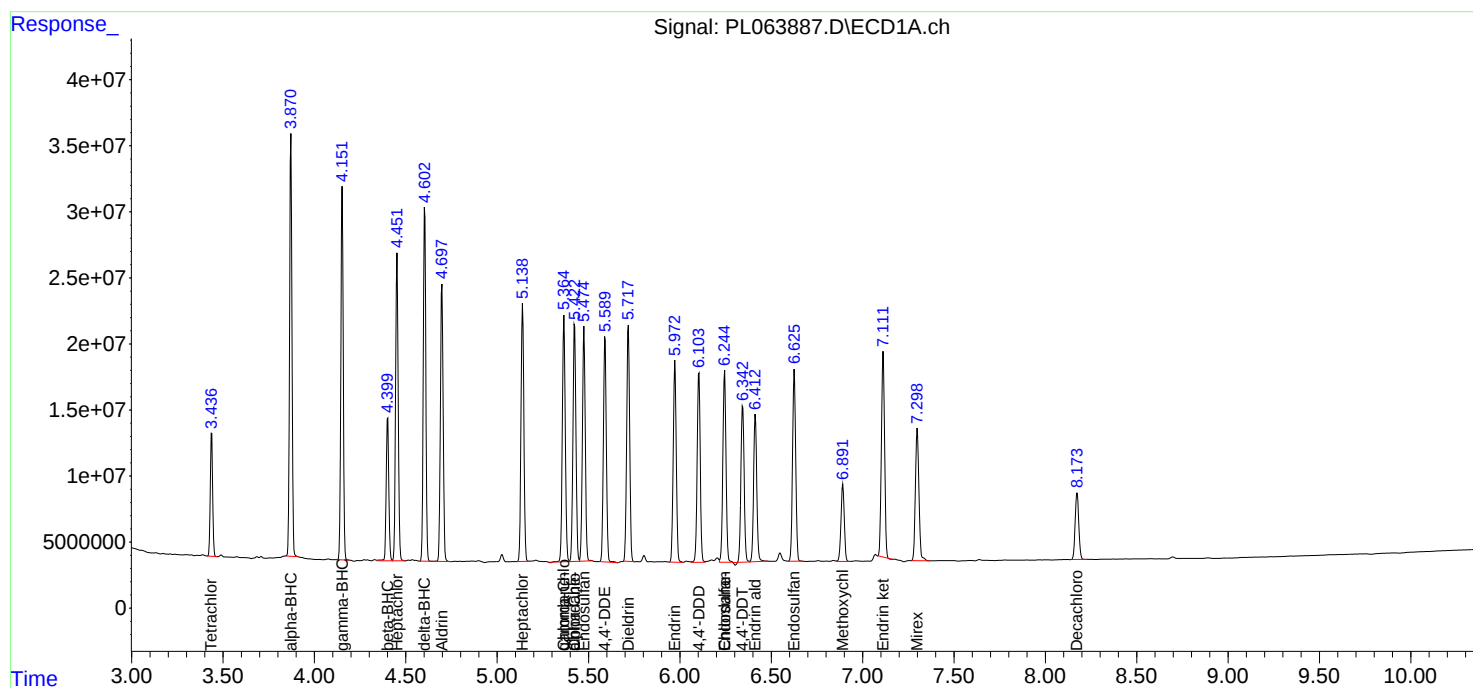
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

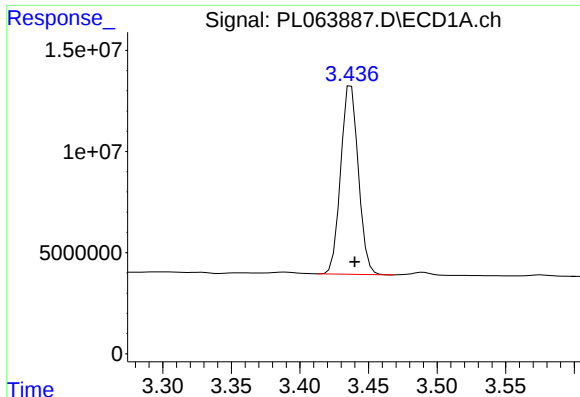
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL123120\  
Data File : PL063887.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Dec 2020 15:45  
Operator : AR\AJ  
Sample : PB133885BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 01 00:33:40 2021  
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

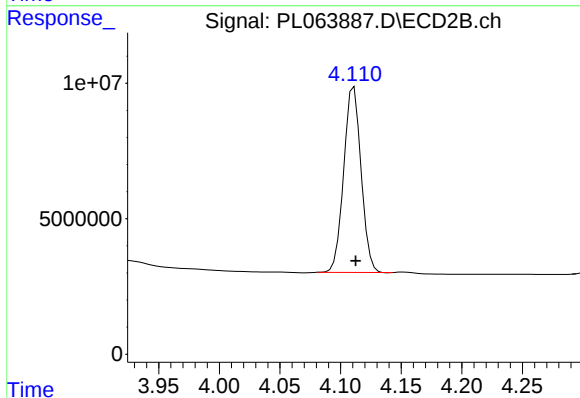




#1 Tetrachloro-m-xylene

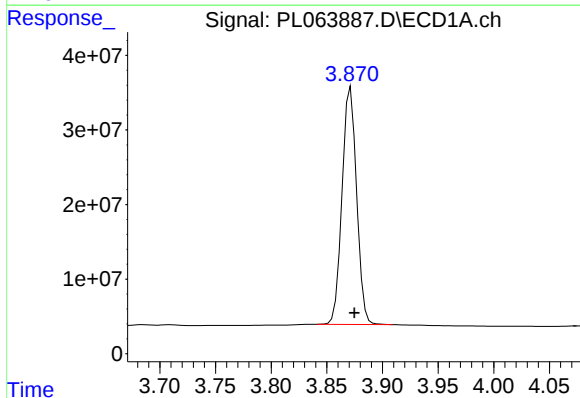
R.T.: 3.437 min  
Delta R.T.: -0.003 min  
Response: 83557480  
Conc: 27.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



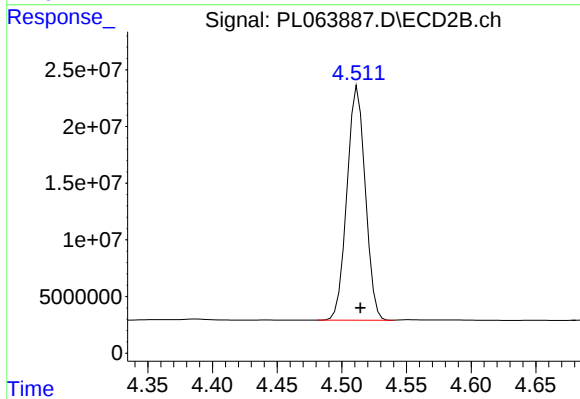
#1 Tetrachloro-m-xylene

R.T.: 4.111 min  
Delta R.T.: -0.002 min  
Response: 68249251  
Conc: 26.73 ng/ml



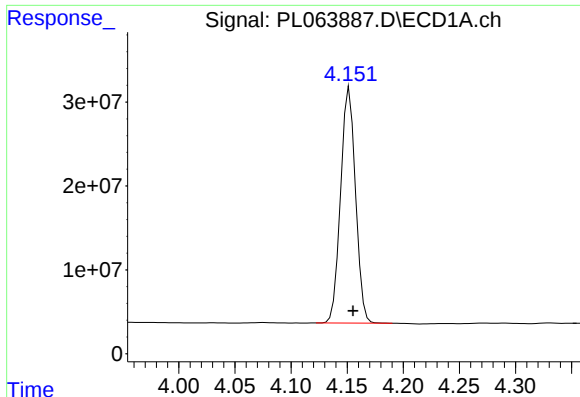
#2 alpha-BHC

R.T.: 3.871 min  
Delta R.T.: -0.003 min  
Response: 289295030  
Conc: 57.95 ng/ml



#2 alpha-BHC

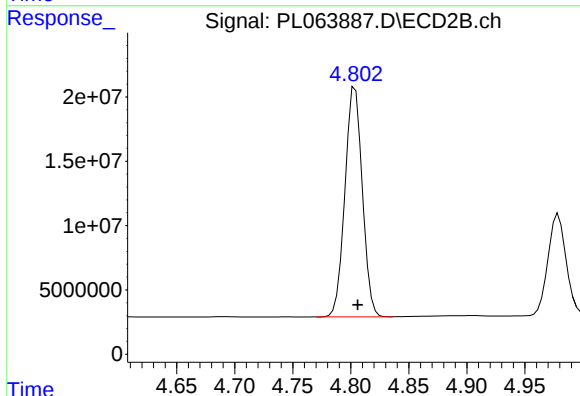
R.T.: 4.512 min  
Delta R.T.: -0.002 min  
Response: 202966407  
Conc: 56.34 ng/ml



#3 gamma-BHC (Lindane)

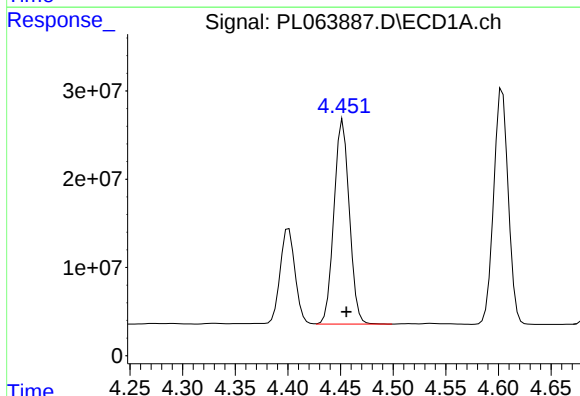
R.T.: 4.152 min  
Delta R.T.: -0.003 min  
Response: 259766420  
Conc: 56.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



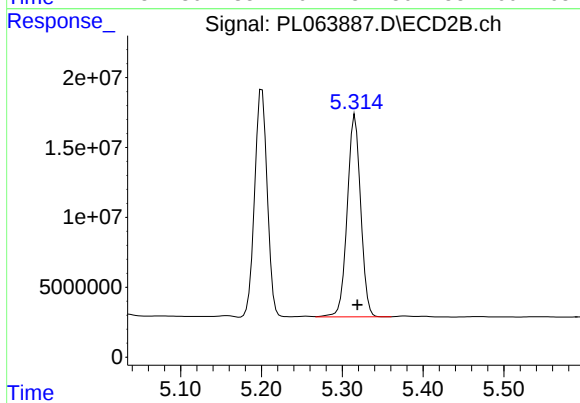
#3 gamma-BHC (Lindane)

R.T.: 4.804 min  
Delta R.T.: -0.002 min  
Response: 186142291  
Conc: 54.57 ng/ml



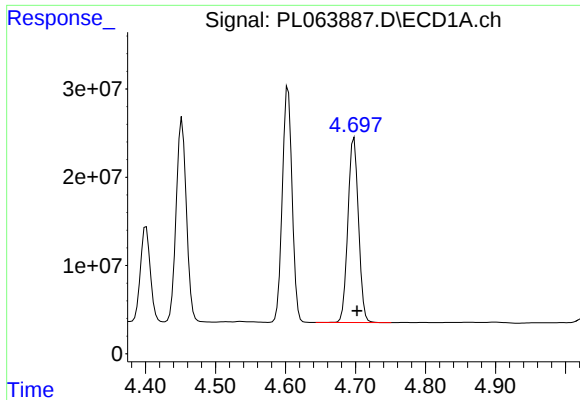
#4 Heptachlor

R.T.: 4.452 min  
Delta R.T.: -0.003 min  
Response: 234616225  
Conc: 55.71 ng/ml



#4 Heptachlor

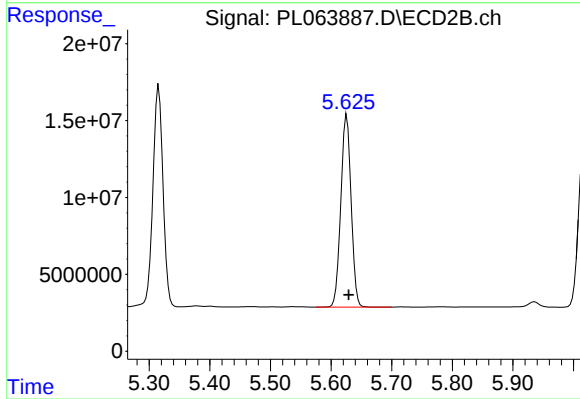
R.T.: 5.316 min  
Delta R.T.: -0.003 min  
Response: 167004499  
Conc: 52.30 ng/ml



#5 Aldrin

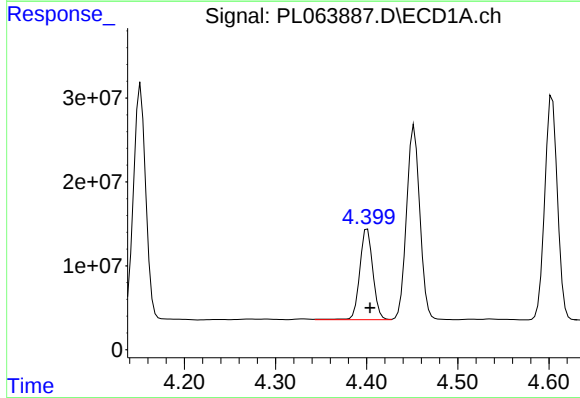
R.T.: 4.698 min  
Delta R.T.: -0.004 min  
Response: 220091913  
Conc: 55.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



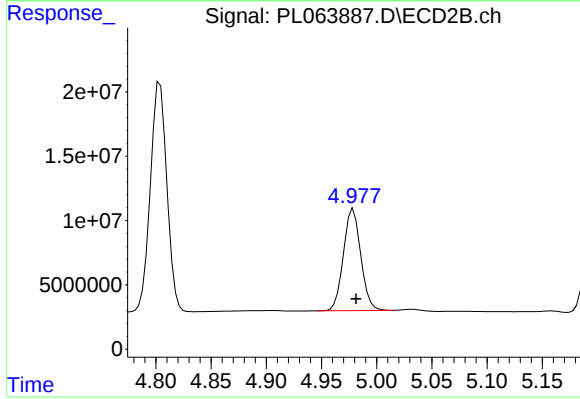
#5 Aldrin

R.T.: 5.626 min  
Delta R.T.: -0.003 min  
Response: 147413550  
Conc: 51.50 ng/ml



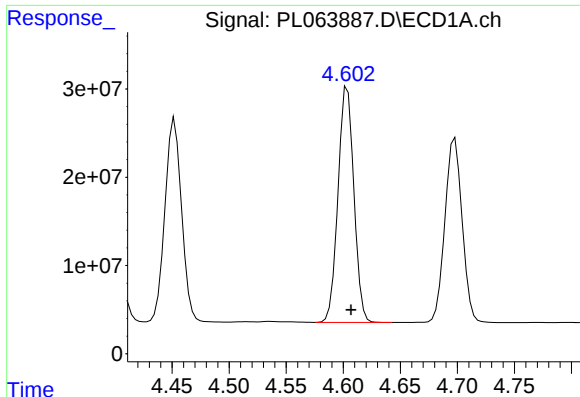
#6 beta-BHC

R.T.: 4.401 min  
Delta R.T.: -0.003 min  
Response: 107363409  
Conc: 55.55 ng/ml



#6 beta-BHC

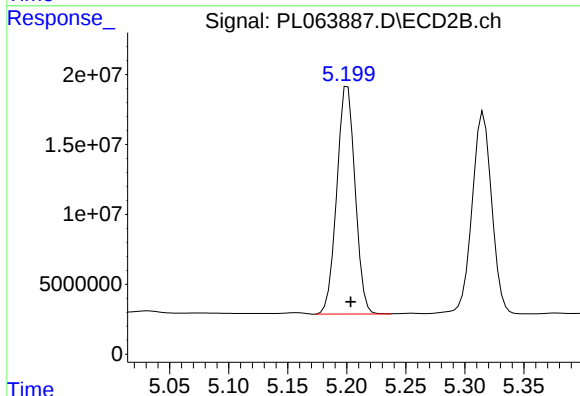
R.T.: 4.979 min  
Delta R.T.: -0.002 min  
Response: 86471969  
Conc: 49.26 ng/ml



#7 delta-BHC

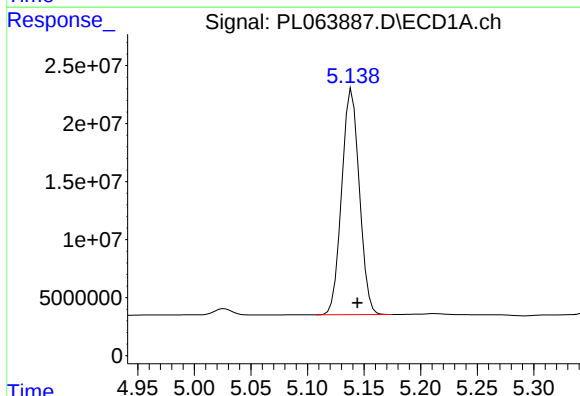
R.T.: 4.604 min  
Delta R.T.: -0.003 min  
Response: 258702882  
Conc: 57.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



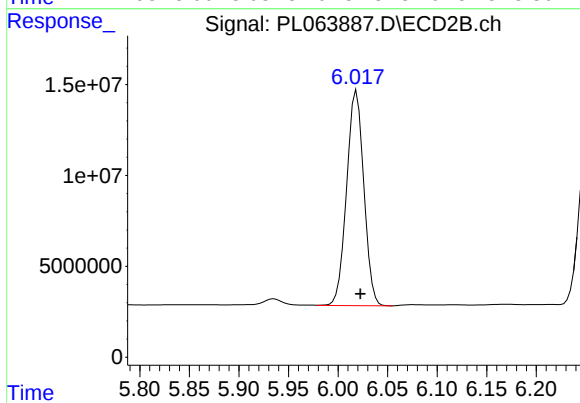
#7 delta-BHC

R.T.: 5.201 min  
Delta R.T.: -0.003 min  
Response: 175800765  
Conc: 53.48 ng/ml



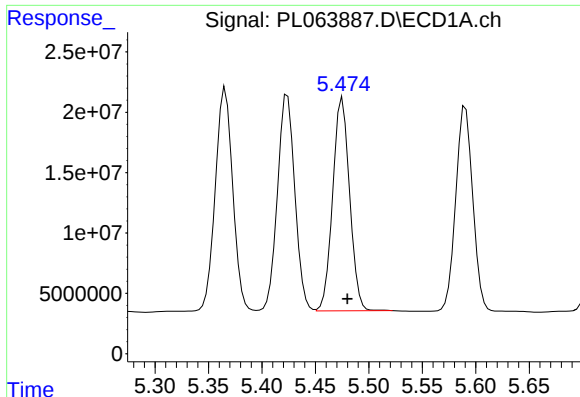
#8 Heptachlor epoxide

R.T.: 5.139 min  
Delta R.T.: -0.005 min  
Response: 210864900  
Conc: 56.13 ng/ml



#8 Heptachlor epoxide

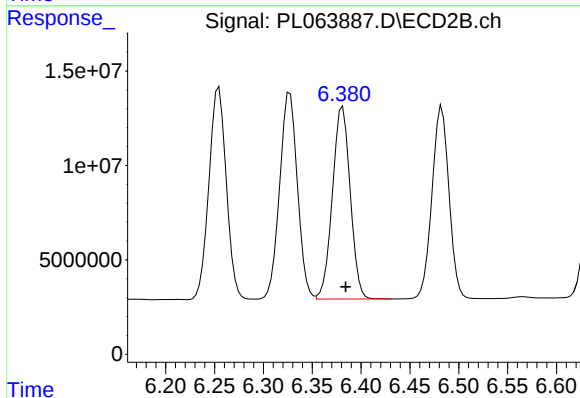
R.T.: 6.019 min  
Delta R.T.: -0.004 min  
Response: 142956454  
Conc: 51.51 ng/ml



#9 Endosulfan I

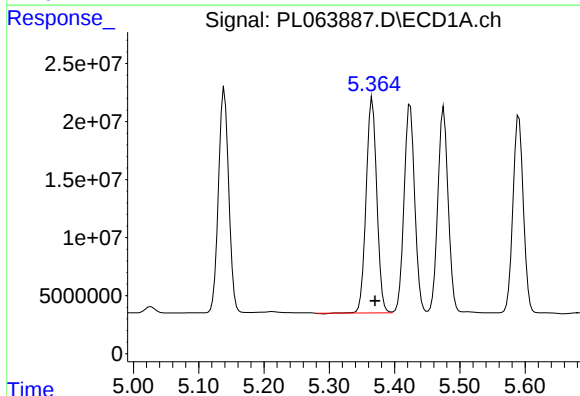
R.T.: 5.475 min  
Delta R.T.: -0.005 min  
Response: 194132730  
Conc: 56.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



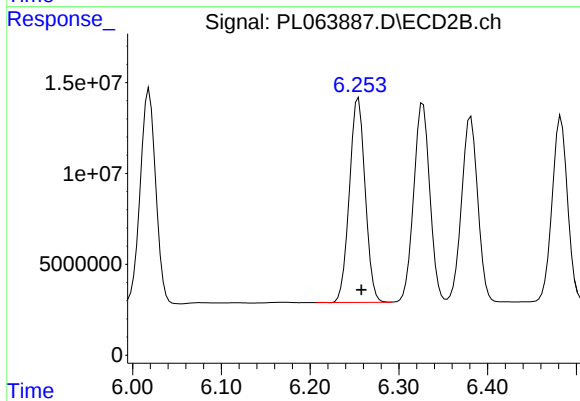
#9 Endosulfan I

R.T.: 6.381 min  
Delta R.T.: -0.003 min  
Response: 129247246  
Conc: 51.38 ng/ml



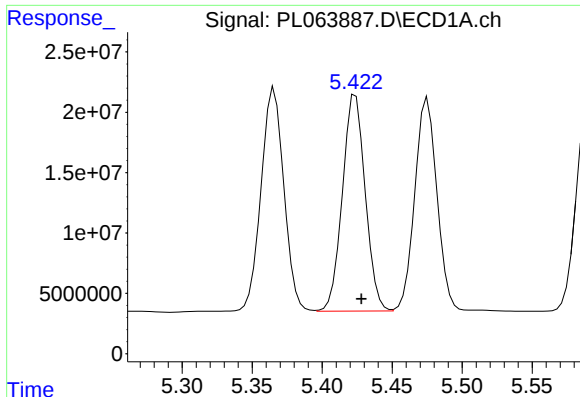
#10 gamma-Chlordane

R.T.: 5.366 min  
Delta R.T.: -0.004 min  
Response: 210259932  
Conc: 55.31 ng/ml



#10 gamma-Chlordane

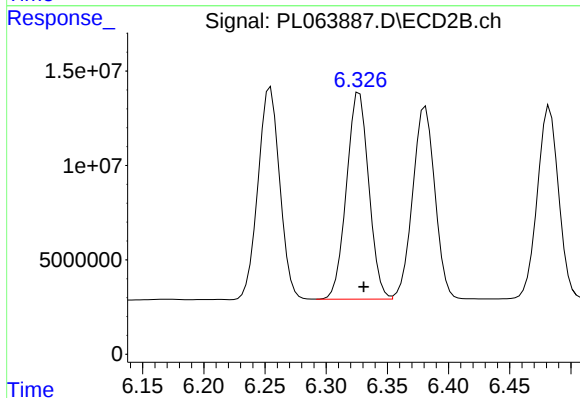
R.T.: 6.255 min  
Delta R.T.: -0.003 min  
Response: 138657104  
Conc: 50.11 ng/ml



#11 alpha-Chlordane

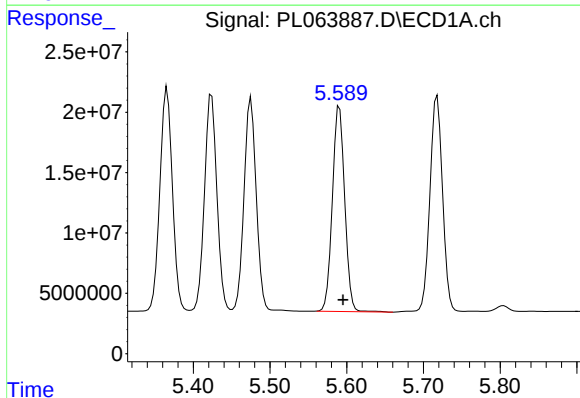
R.T.: 5.424 min  
Delta R.T.: -0.004 min  
Response: 203296794  
Conc: 54.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



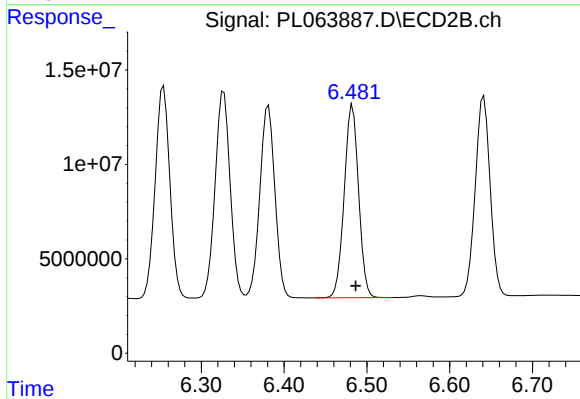
#11 alpha-Chlordane

R.T.: 6.327 min  
Delta R.T.: -0.003 min  
Response: 138798775  
Conc: 50.28 ng/ml



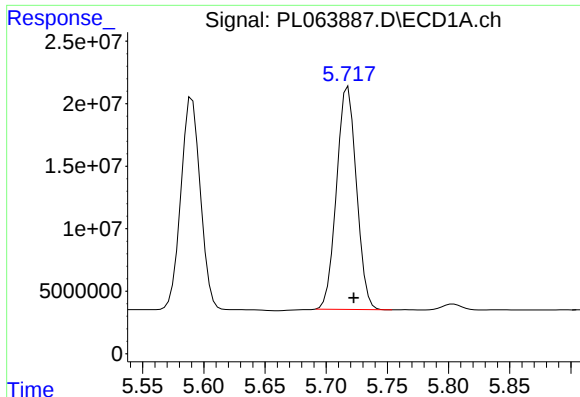
#12 4,4'-DDE

R.T.: 5.590 min  
Delta R.T.: -0.005 min  
Response: 189882629  
Conc: 55.23 ng/ml



#12 4,4'-DDE

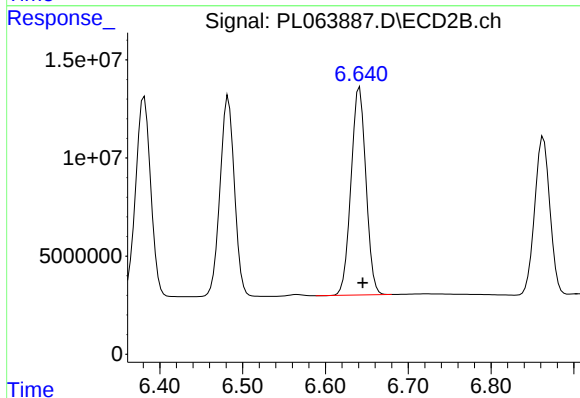
R.T.: 6.483 min  
Delta R.T.: -0.004 min  
Response: 123288992  
Conc: 49.92 ng/ml



#13 Dieldrin

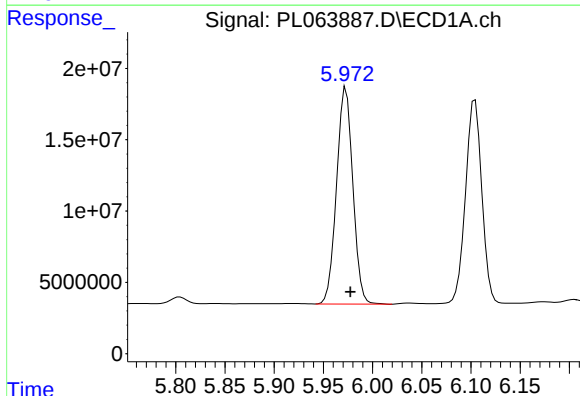
R.T.: 5.718 min  
Delta R.T.: -0.005 min  
Response: 201556209  
Conc: 55.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



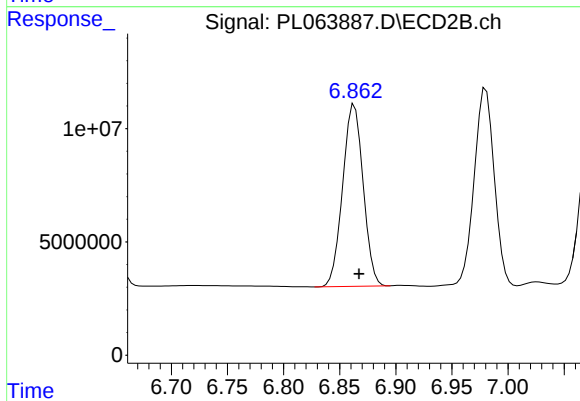
#13 Dieldrin

R.T.: 6.641 min  
Delta R.T.: -0.004 min  
Response: 132393768  
Conc: 50.82 ng/ml



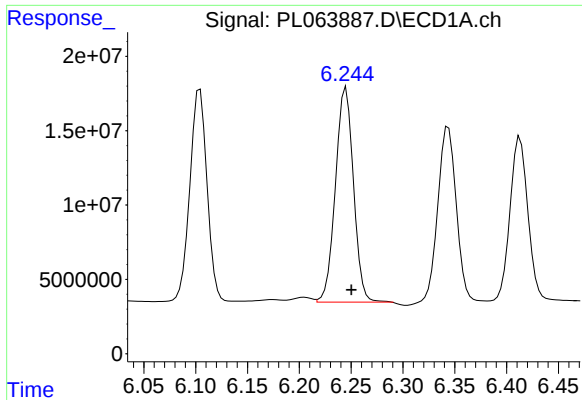
#14 Endrin

R.T.: 5.973 min  
Delta R.T.: -0.005 min  
Response: 175025502  
Conc: 60.06 ng/ml



#14 Endrin

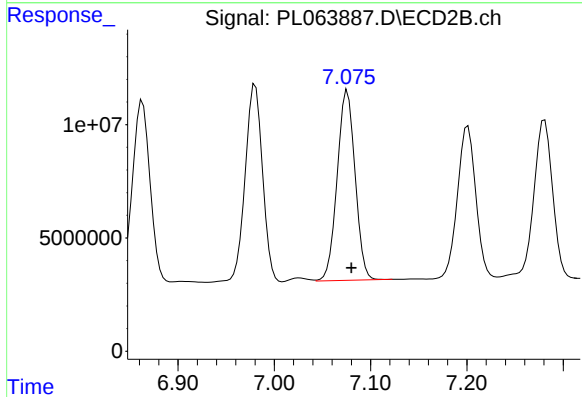
R.T.: 6.863 min  
Delta R.T.: -0.004 min  
Response: 102162743  
Conc: 52.64 ng/ml



#15 Endosulfan II

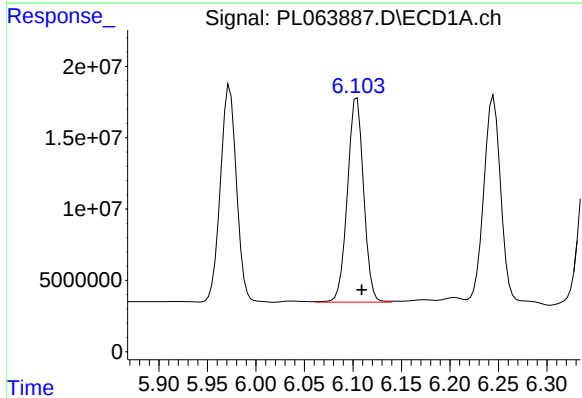
R.T.: 6.245 min  
Delta R.T.: -0.005 min  
Response: 174871028  
Conc: 53.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



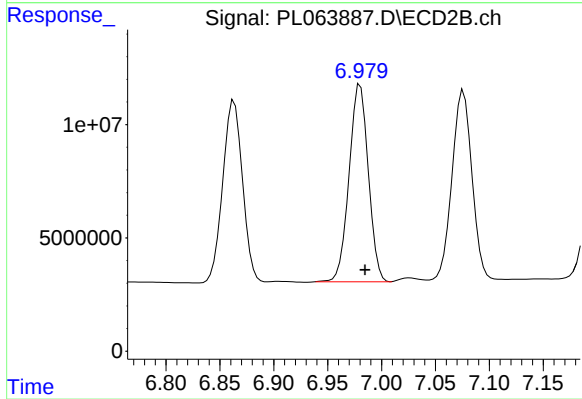
#15 Endosulfan II

R.T.: 7.076 min  
Delta R.T.: -0.004 min  
Response: 108409038  
Conc: 45.99 ng/ml



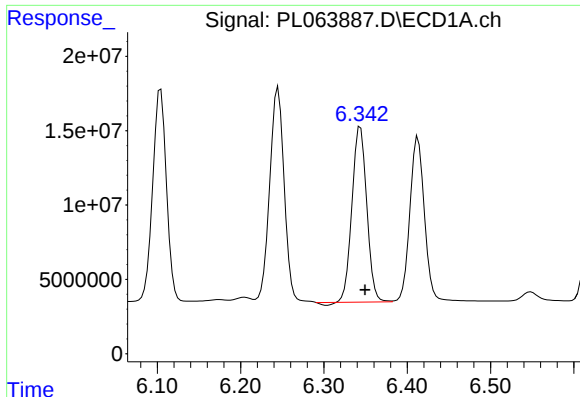
#16 4,4'-DDD

R.T.: 6.104 min  
Delta R.T.: -0.005 min  
Response: 166756050  
Conc: 57.01 ng/ml



#16 4,4'-DDD

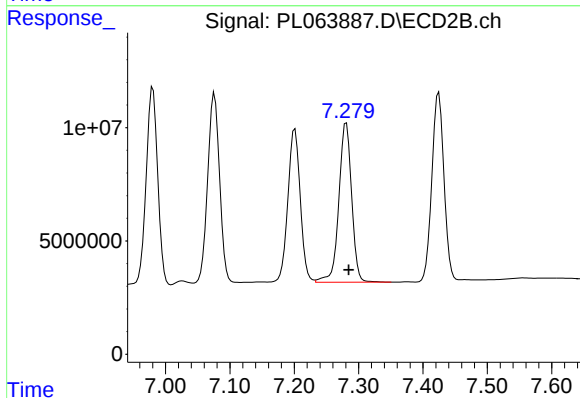
R.T.: 6.980 min  
Delta R.T.: -0.004 min  
Response: 108387998  
Conc: 51.27 ng/ml



#17 4,4'-DDT

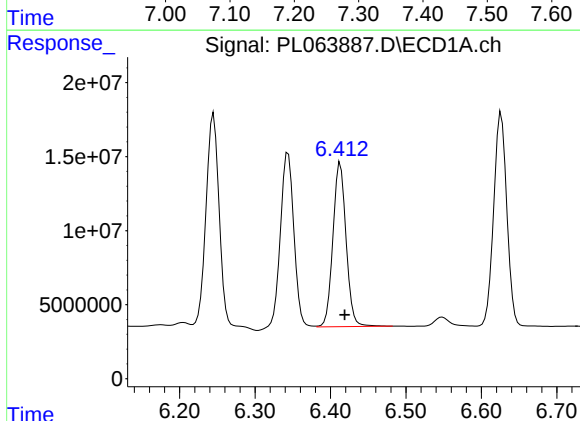
R.T.: 6.344 min  
Delta R.T.: -0.005 min  
Response: 144507647  
Conc: 54.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



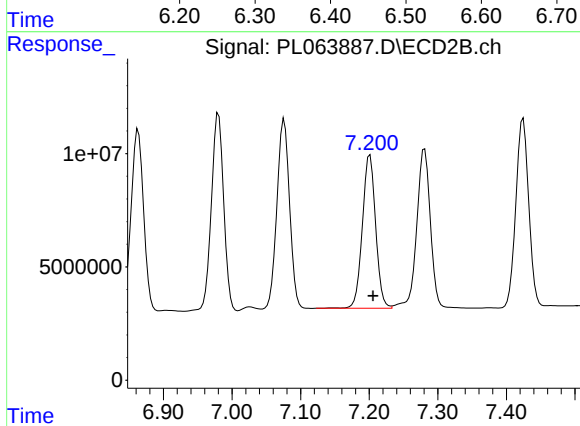
#17 4,4'-DDT

R.T.: 7.281 min  
Delta R.T.: -0.004 min  
Response: 97449081  
Conc: 50.09 ng/ml



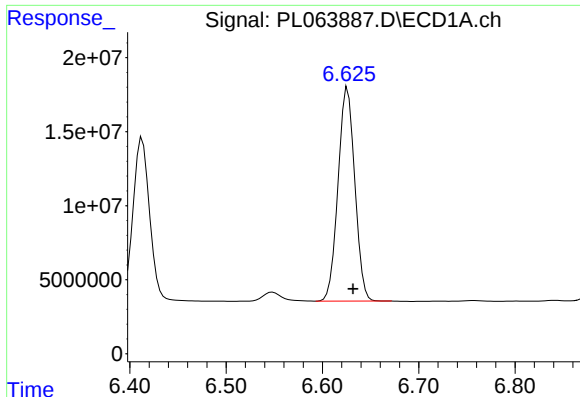
#18 Endrin aldehyde

R.T.: 6.413 min  
Delta R.T.: -0.006 min  
Response: 134549468  
Conc: 48.62 ng/ml



#18 Endrin aldehyde

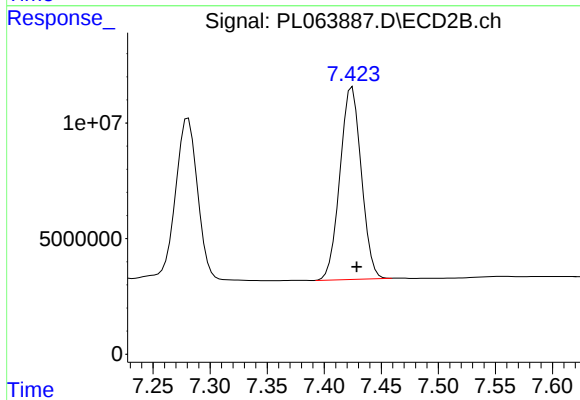
R.T.: 7.201 min  
Delta R.T.: -0.005 min  
Response: 90916345  
Conc: 45.10 ng/ml



#19 Endosulfan Sulfate

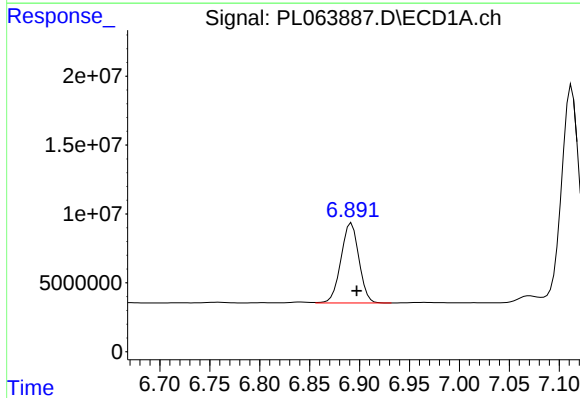
R.T.: 6.626 min  
Delta R.T.: -0.006 min  
Response: 174351534  
Conc: 55.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



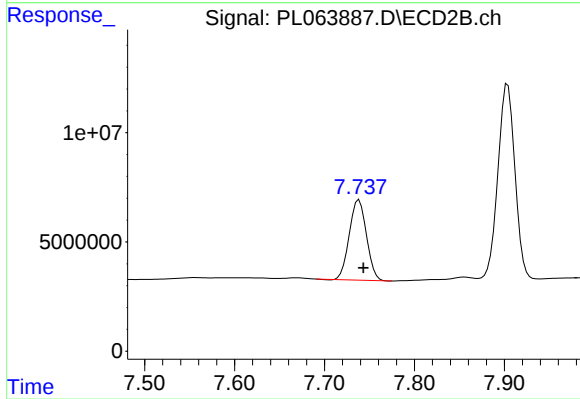
#19 Endosulfan Sulfate

R.T.: 7.425 min  
Delta R.T.: -0.004 min  
Response: 108320369  
Conc: 48.17 ng/ml



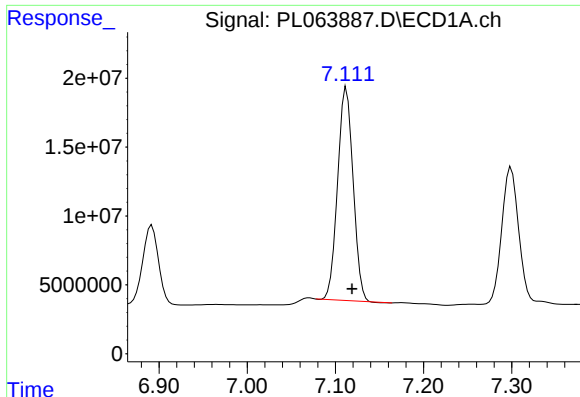
#20 Methoxychlor

R.T.: 6.892 min  
Delta R.T.: -0.005 min  
Response: 72759970  
Conc: 55.38 ng/ml



#20 Methoxychlor

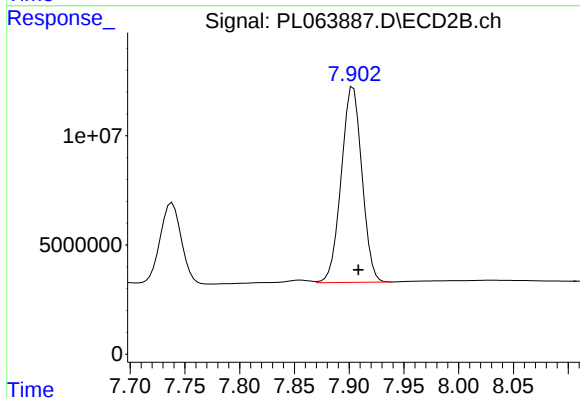
R.T.: 7.738 min  
Delta R.T.: -0.005 min  
Response: 48865041  
Conc: 46.32 ng/ml



#21 Endrin ketone

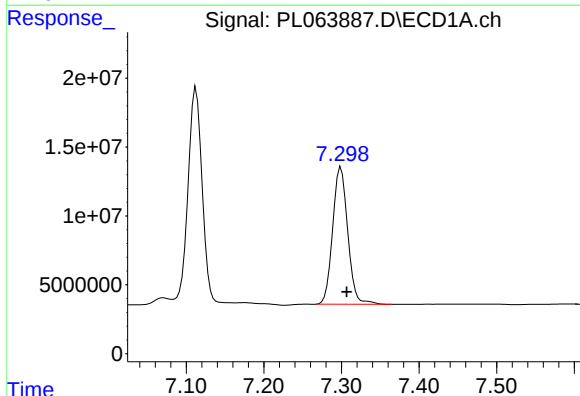
R.T.: 7.112 min  
Delta R.T.: -0.006 min  
Response: 188606143  
Conc: 54.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



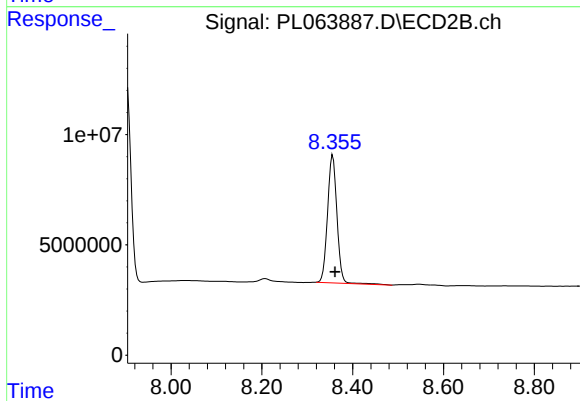
#21 Endrin ketone

R.T.: 7.904 min  
Delta R.T.: -0.005 min  
Response: 117720067  
Conc: 47.74 ng/ml



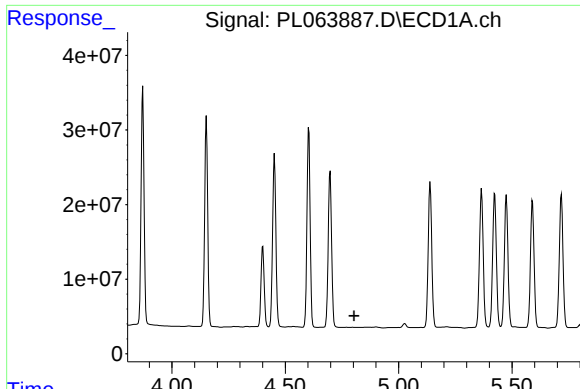
#22 Mirex

R.T.: 7.299 min  
Delta R.T.: -0.008 min  
Response: 134532202  
Conc: 53.58 ng/ml



#22 Mirex

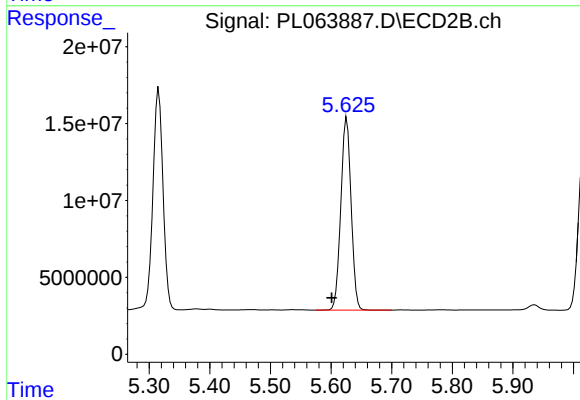
R.T.: 8.356 min  
Delta R.T.: -0.005 min  
Response: 83390253  
Conc: 46.23 ng/ml



#24 Chlordane-2

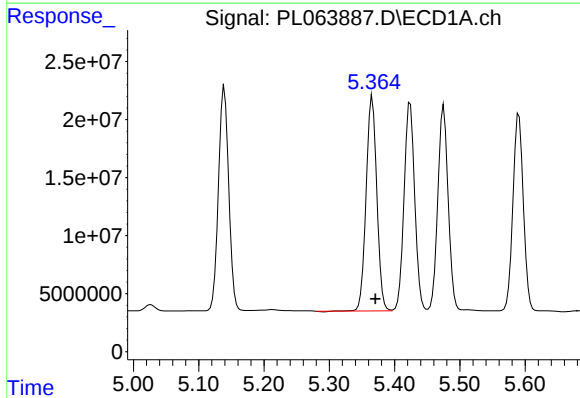
R.T.: 0.000 min  
Exp R.T.: 4.804 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



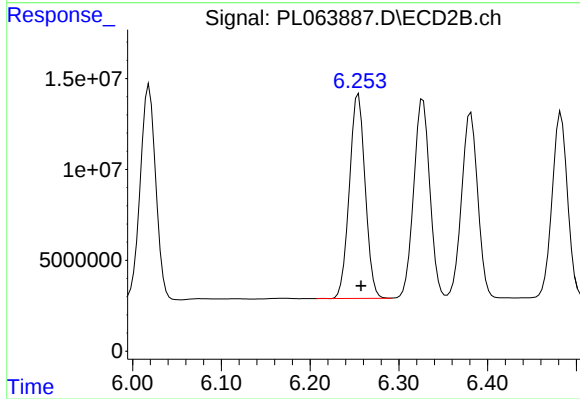
#24 Chlordane-2

R.T.: 5.626 min  
Delta R.T.: 0.025 min  
Response: 147413550  
Conc: 1527.79 ng/ml



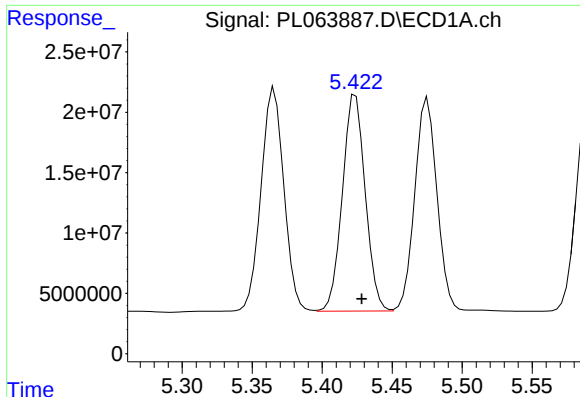
#25 Chlordane-3

R.T.: 5.366 min  
Delta R.T.: -0.005 min  
Response: 210259932  
Conc: 643.45 ng/ml



#25 Chlordane-3

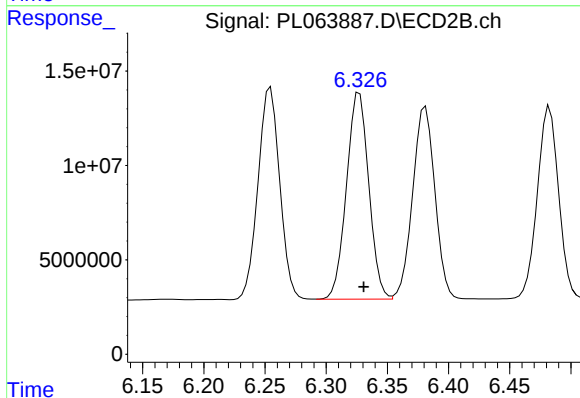
R.T.: 6.255 min  
Delta R.T.: -0.003 min  
Response: 138657104  
Conc: 404.68 ng/ml



#26 Chlordane-4

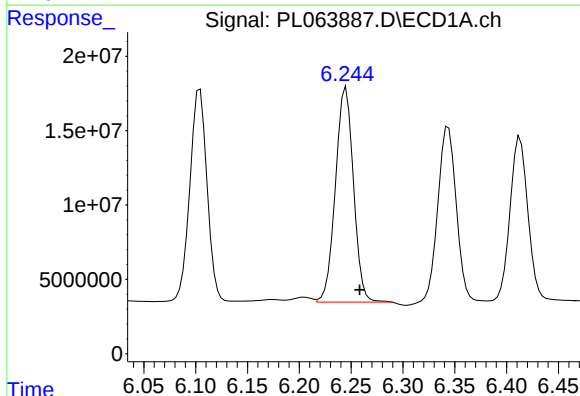
R.T.: 5.424 min  
Delta R.T.: -0.005 min  
Response: 203296794  
Conc: 759.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



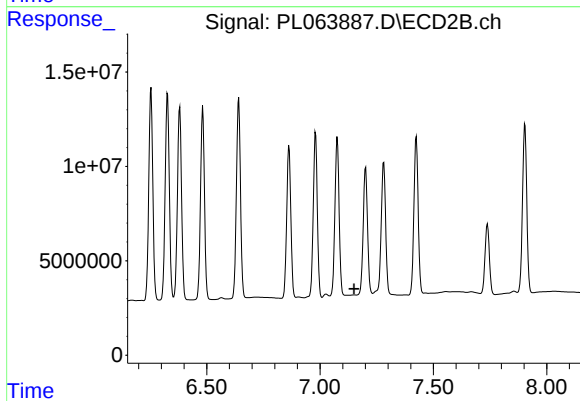
#26 Chlordane-4

R.T.: 6.327 min  
Delta R.T.: -0.004 min  
Response: 138798775  
Conc: 337.68 ng/ml



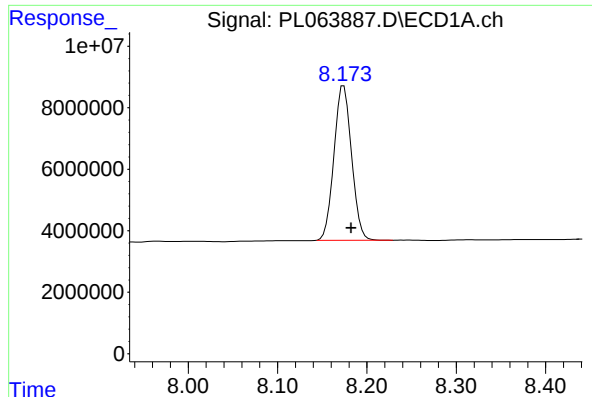
#27 Chlordane-5

R.T.: 6.245 min  
Delta R.T.: -0.013 min  
Response: 174871028  
Conc: 1626.11 ng/ml



#27 Chlordane-5

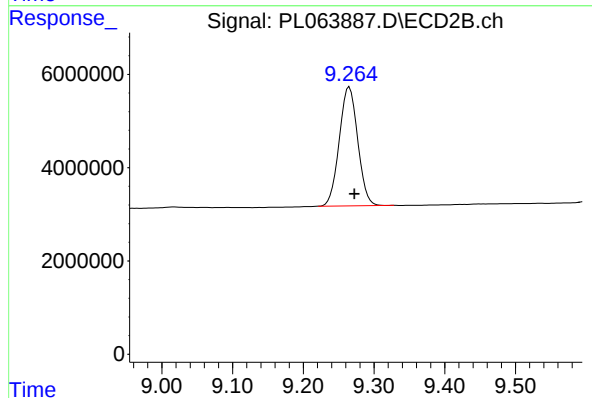
R.T.: 0.000 min  
Exp R.T.: 7.150 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.174 min  
Delta R.T.: -0.008 min  
Response: 68727564  
Conc: 24.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.265 min  
Delta R.T.: -0.007 min  
Response: 46231020  
Conc: 23.45 ng/ml