

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010521\  
 Data File : PL063931.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jan 2021 14:33  
 Operator : AR\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: Jan 05 15:18:54 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... | 3.444 | 4.113  | 168.6E6  | 137.6E6  | 56.232   | 53.877     |
| 28)                         | SA Decachlor... | 8.185 | 9.275  | 128.4E6  | 83861999 | 46.616   | 42.535     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.879 | 4.515  | 288.6E6  | 200.0E6  | 57.804   | 55.521     |
| 3)                          | MA gamma-BHC... | 4.160 | 4.806  | 264.7E6  | 184.6E6  | 57.898   | 54.118     |
| 4)                          | MA Heptachlor   | 4.460 | 5.319  | 230.9E6  | 163.4E6  | 54.840   | 51.173     |
| 5)                          | MB Aldrin       | 4.707 | 5.630  | 226.0E6  | 149.5E6  | 56.579   | 52.243     |
| 6)                          | B beta-BHC      | 4.410 | 4.981  | 103.0E6  | 82888882 | 53.306   | 47.221     |
| 7)                          | B delta-BHC     | 4.612 | 5.203  | 253.5E6  | 169.1E6  | 55.938   | 51.448     |
| 8)                          | B Heptachlo...  | 5.148 | 6.023  | 209.9E6  | 136.8E6  | 55.876   | 49.306     |
| 9)                          | A Endosulfan I  | 5.485 | 6.385  | 191.0E6  | 125.5E6  | 55.153   | 49.903     |
| 10)                         | B gamma-Chl...  | 5.374 | 6.258  | 211.7E6  | 138.0E6  | 55.684   | 49.888     |
| 11)                         | B alpha-Chl...  | 5.433 | 6.331  | 206.6E6  | 137.7E6  | 55.067   | 49.874     |
| 12)                         | B 4,4'-DDE      | 5.600 | 6.487  | 194.2E6  | 123.3E6  | 56.485   | 49.932     |
| 13)                         | MA Dieldrin     | 5.727 | 6.646  | 200.5E6  | 129.9E6  | 55.327   | 49.853     |
| 14)                         | MA Endrin       | 5.982 | 6.868  | 157.3E6  | 90414901 | 53.984   | 46.591     |
| 15)                         | B Endosulfa...  | 6.255 | 7.081  | 174.7E6  | 110.7E6  | 53.007   | 46.956     |
| 16)                         | A 4,4'-DDD      | 6.114 | 6.986  | 171.7E6  | 107.3E6  | 58.705   | 50.754     |
| 17)                         | MA 4,4'-DDT     | 6.354 | 7.286  | 127.9E6  | 80306483 | 48.271   | 41.279     |
| 18)                         | B Endrin al...  | 6.423 | 7.206  | 143.3E6  | 94680467 | 51.770   | 46.964     |
| 19)                         | B Endosulfa...  | 6.637 | 7.430  | 165.3E6  | 103.6E6  | 52.490   | 46.068     |
| 20)                         | A Methoxychlor  | 6.902 | 7.745  | 63764597 | 43513911 | 48.535   | 41.244     |
| 21)                         | B Endrin ke...  | 7.123 | 7.909  | 188.2E6  | 116.1E6  | 54.123   | 47.081     |
| 22)                         | Mirex           | 7.310 | 8.362  | 128.1E6  | 78594433 | 51.033   | 43.571     |
| 24)                         | Chlordane-2     | 0.000 | 5.630f | 0        | 149.5E6  | N.D.     | 1549.813 # |
| 25)                         | Chlordane-3     | 5.374 | 6.258  | 211.7E6  | 138.0E6  | 647.857  | 402.863 #  |
| 26)                         | Chlordane-4     | 5.433 | 6.331  | 206.6E6  | 137.7E6  | 772.075  | 334.925 #  |
| 27)                         | Chlordane-5     | 6.255 | 0.000  | 174.7E6  | 0        | 1624.796 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

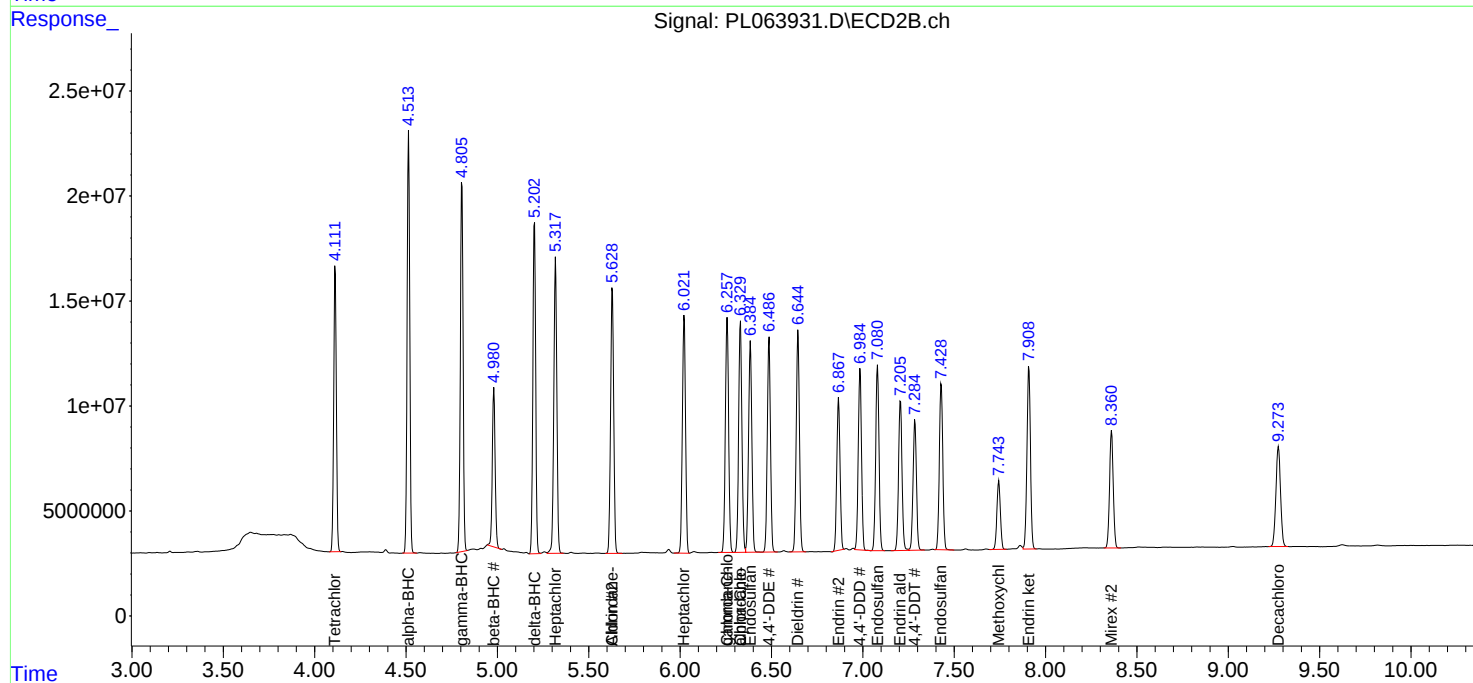
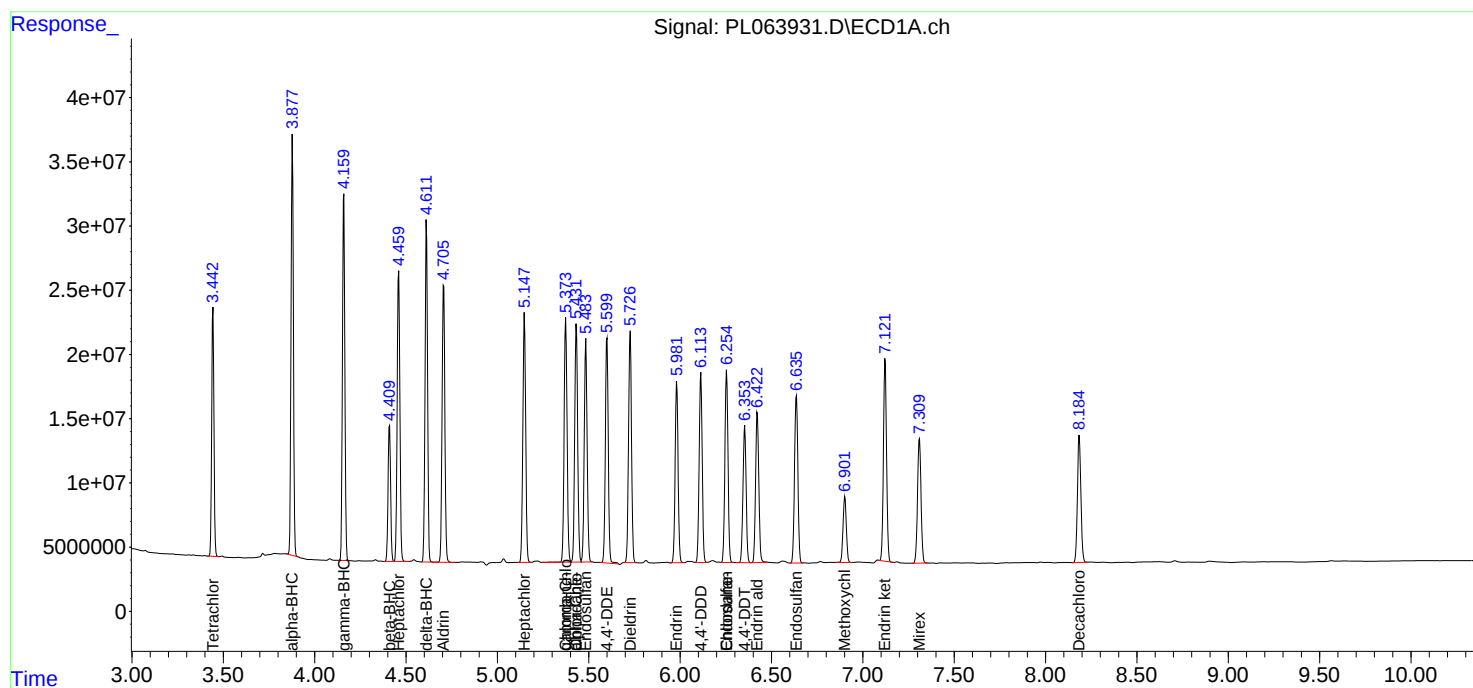
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

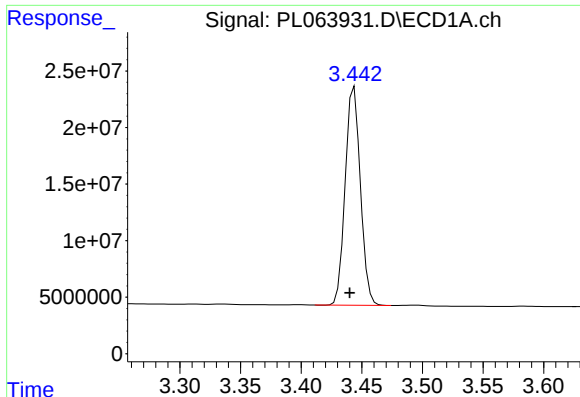
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010521\  
Data File : PL063931.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jan 2021 14:33  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 05 15:18:54 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

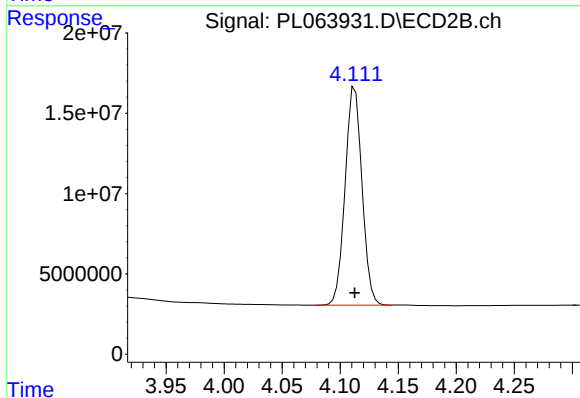




#1 Tetrachloro-m-xylene

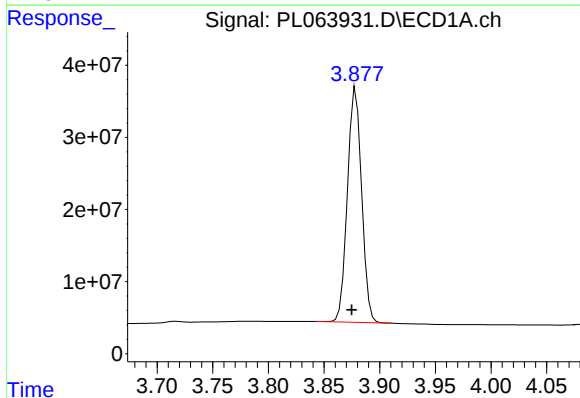
R.T.: 3.444 min  
Delta R.T.: 0.004 min  
Response: 168580837  
Conc: 56.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



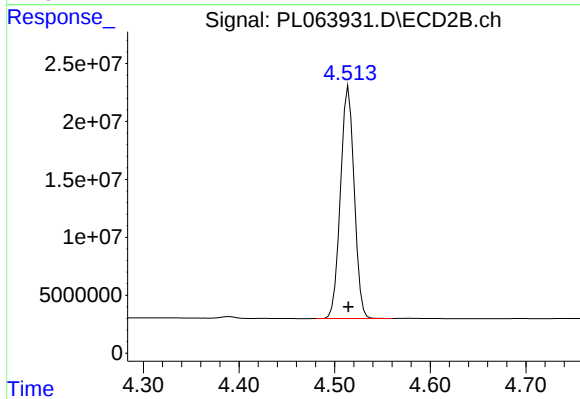
#1 Tetrachloro-m-xylene

R.T.: 4.113 min  
Delta R.T.: 0.000 min  
Response: 137550740  
Conc: 53.88 ng/ml



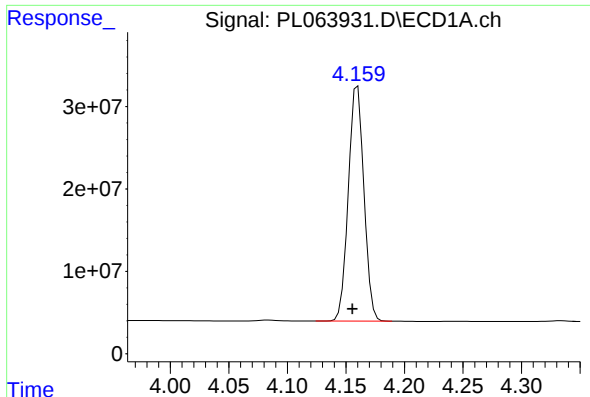
#2 alpha-BHC

R.T.: 3.879 min  
Delta R.T.: 0.004 min  
Response: 288560214  
Conc: 57.80 ng/ml



#2 alpha-BHC

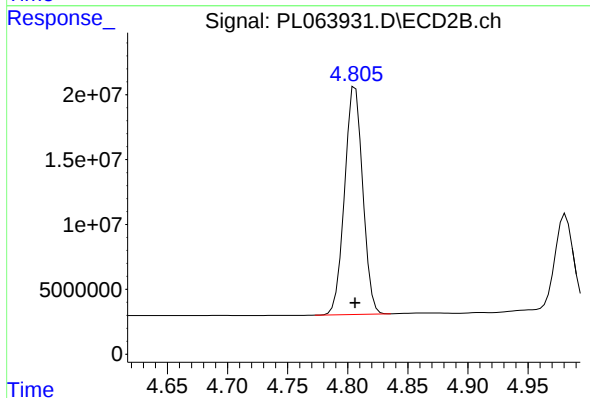
R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 200010139  
Conc: 55.52 ng/ml



#3 gamma-BHC (Lindane)

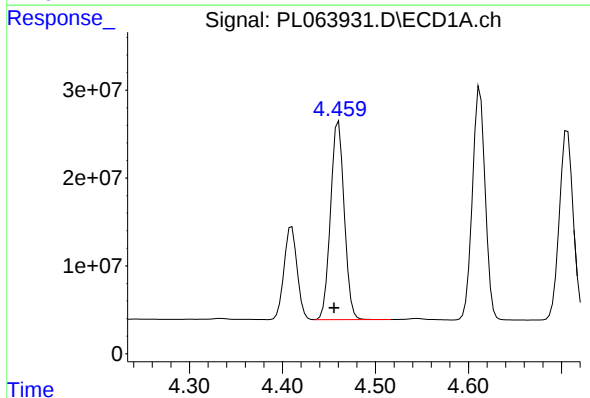
R.T.: 4.160 min  
Delta R.T.: 0.005 min  
Response: 264653477  
Conc: 57.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



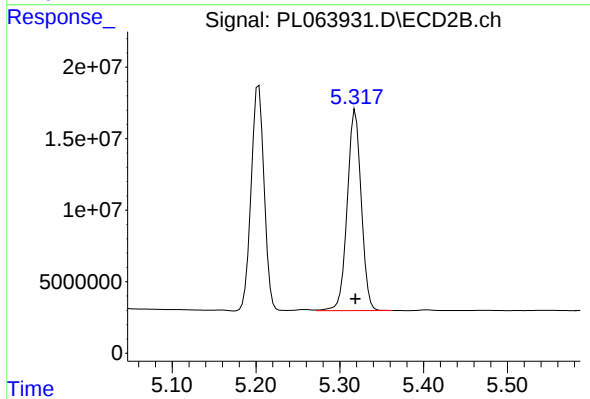
#3 gamma-BHC (Lindane)

R.T.: 4.806 min  
Delta R.T.: 0.000 min  
Response: 184608578  
Conc: 54.12 ng/ml



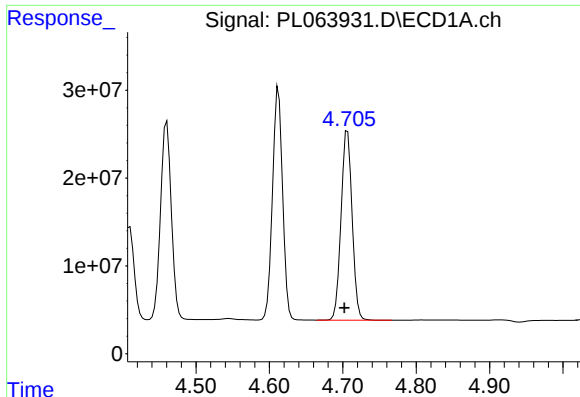
#4 Heptachlor

R.T.: 4.460 min  
Delta R.T.: 0.005 min  
Response: 230944279  
Conc: 54.84 ng/ml



#4 Heptachlor

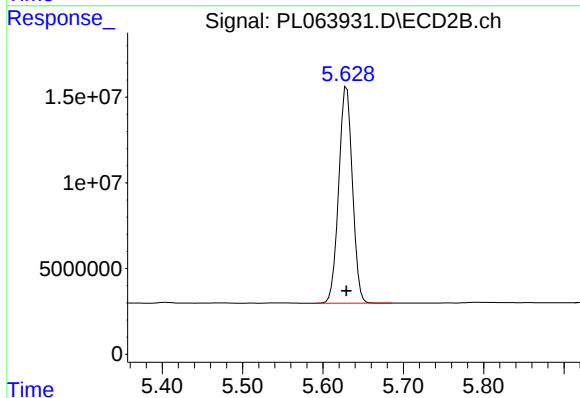
R.T.: 5.319 min  
Delta R.T.: 0.000 min  
Response: 163395567  
Conc: 51.17 ng/ml



#5 Aldrin

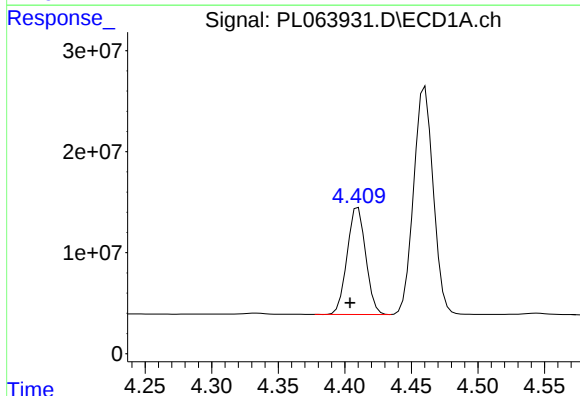
R.T.: 4.707 min  
Delta R.T.: 0.005 min  
Response: 225985231  
Conc: 56.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



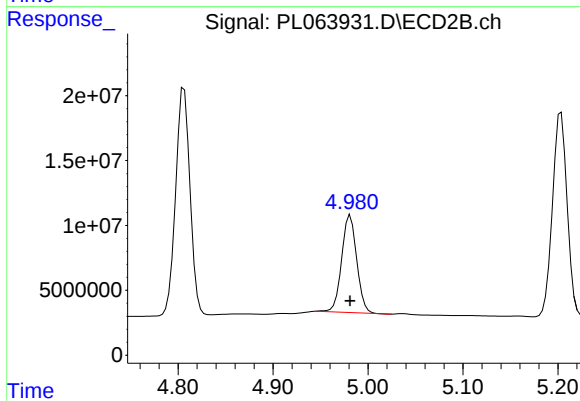
#5 Aldrin

R.T.: 5.630 min  
Delta R.T.: 0.000 min  
Response: 149538481  
Conc: 52.24 ng/ml



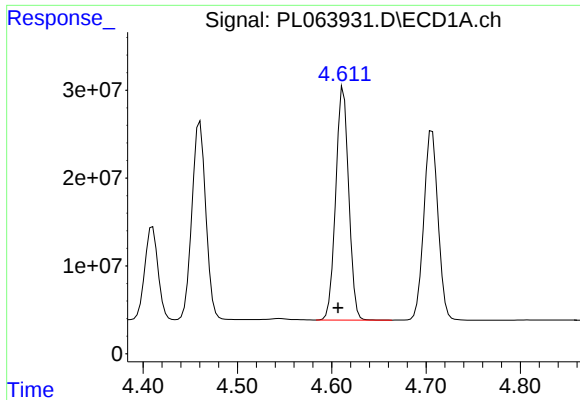
#6 beta-BHC

R.T.: 4.410 min  
Delta R.T.: 0.006 min  
Response: 103029262  
Conc: 53.31 ng/ml



#6 beta-BHC

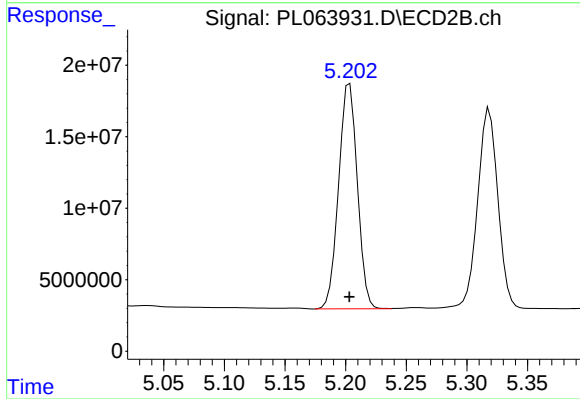
R.T.: 4.981 min  
Delta R.T.: 0.000 min  
Response: 82888882  
Conc: 47.22 ng/ml



#7 delta-BHC

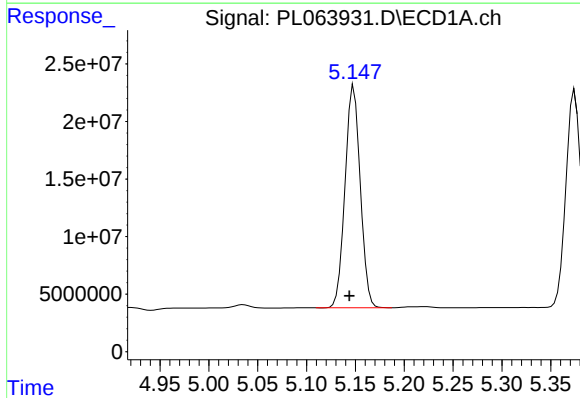
R.T.: 4.612 min  
Delta R.T.: 0.006 min  
Response: 253526970  
Conc: 55.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



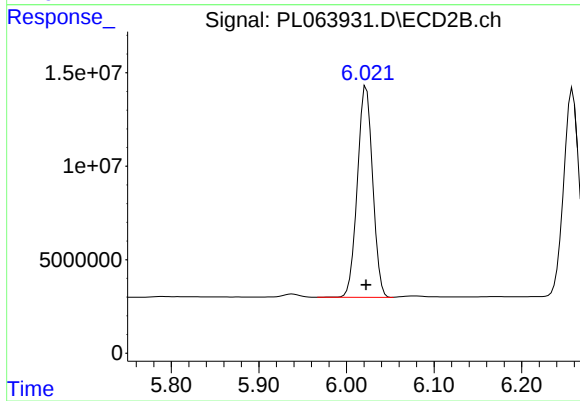
#7 delta-BHC

R.T.: 5.203 min  
Delta R.T.: 0.000 min  
Response: 169131984  
Conc: 51.45 ng/ml



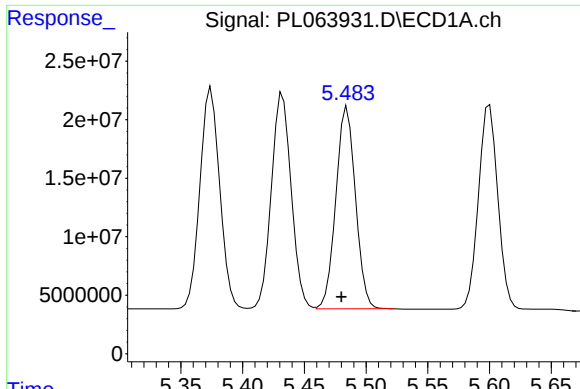
#8 Heptachlor epoxide

R.T.: 5.148 min  
Delta R.T.: 0.005 min  
Response: 209923396  
Conc: 55.88 ng/ml



#8 Heptachlor epoxide

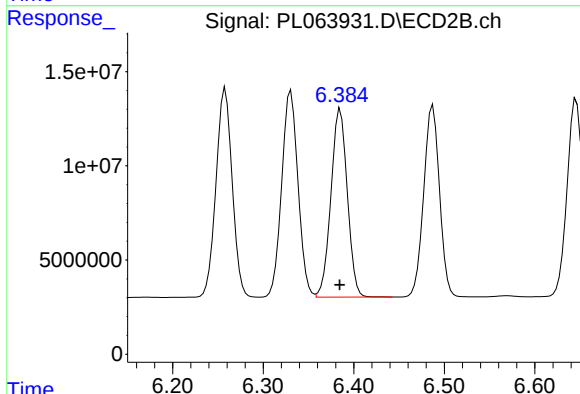
R.T.: 6.023 min  
Delta R.T.: 0.000 min  
Response: 136827487  
Conc: 49.31 ng/ml



#9 Endosulfan I

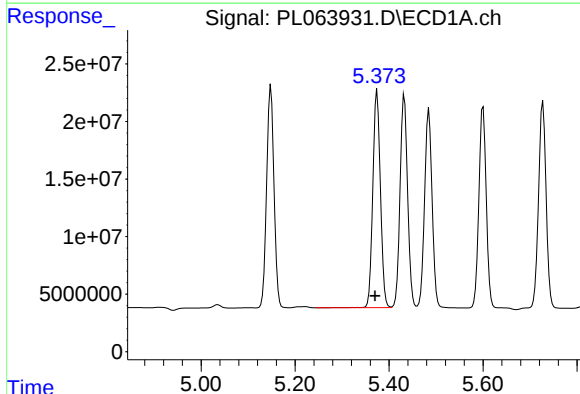
R.T.: 5.485 min  
Delta R.T.: 0.005 min  
Response: 190960630  
Conc: 55.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



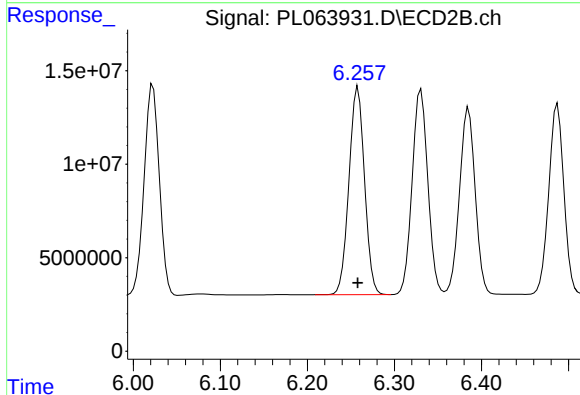
#9 Endosulfan I

R.T.: 6.385 min  
Delta R.T.: 0.000 min  
Response: 125527222  
Conc: 49.90 ng/ml



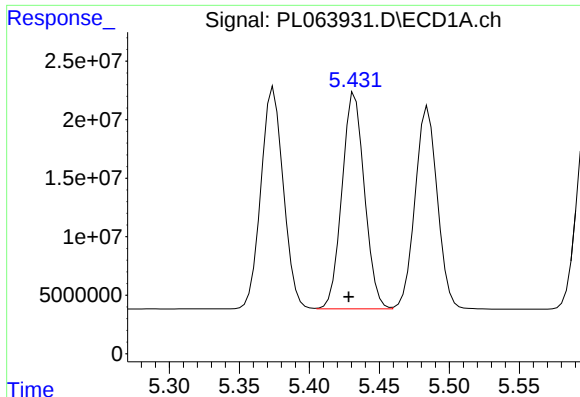
#10 gamma-Chlordane

R.T.: 5.374 min  
Delta R.T.: 0.004 min  
Response: 211699702  
Conc: 55.68 ng/ml



#10 gamma-Chlordane

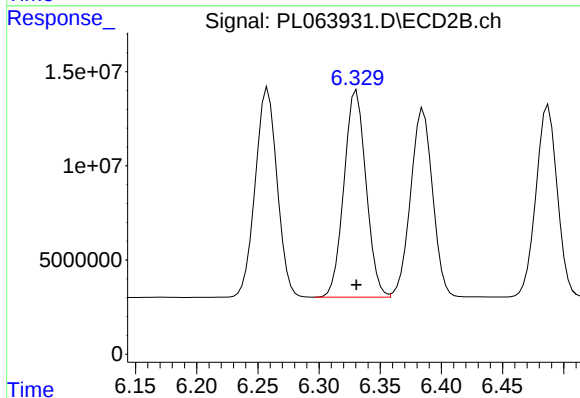
R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 138035933  
Conc: 49.89 ng/ml



#11 alpha-Chlordane

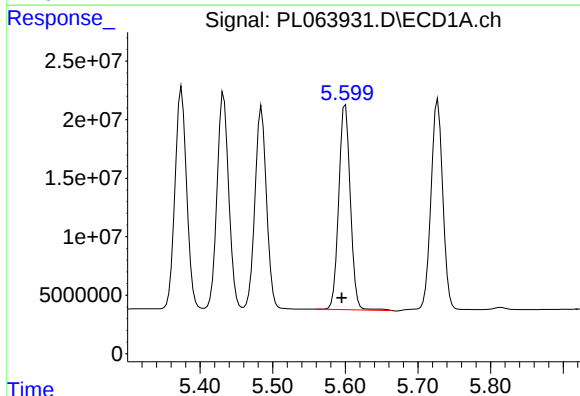
R.T.: 5.433 min  
Delta R.T.: 0.004 min  
Response: 206578366  
Conc: 55.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



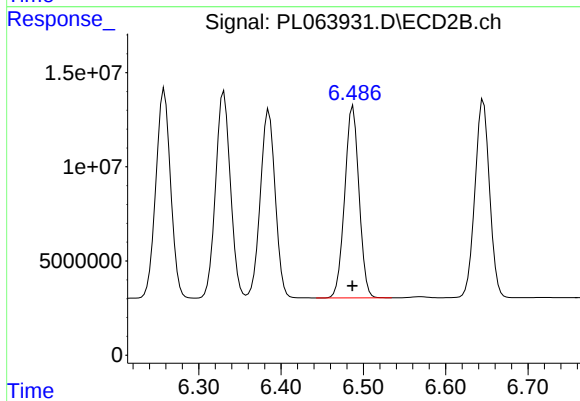
#11 alpha-Chlordane

R.T.: 6.331 min  
Delta R.T.: 0.000 min  
Response: 137664701  
Conc: 49.87 ng/ml



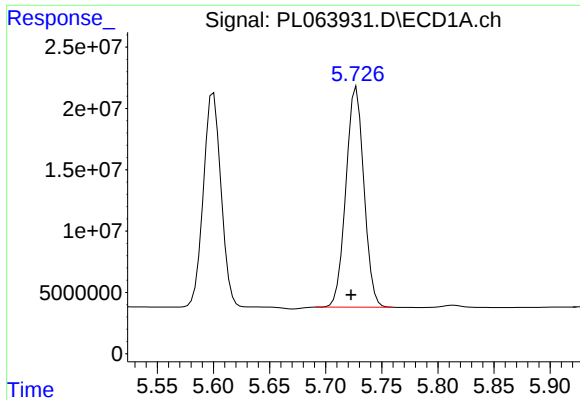
#12 4,4'-DDE

R.T.: 5.600 min  
Delta R.T.: 0.005 min  
Response: 194182903  
Conc: 56.48 ng/ml



#12 4,4'-DDE

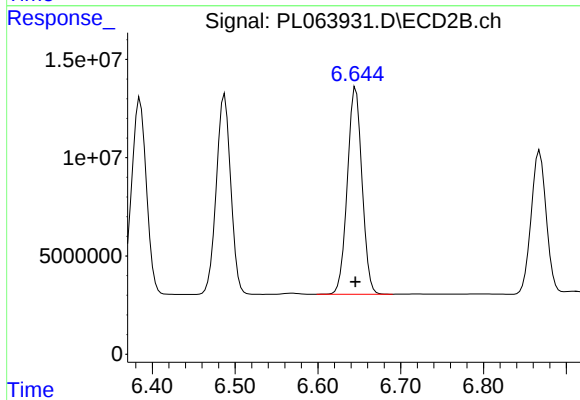
R.T.: 6.487 min  
Delta R.T.: 0.000 min  
Response: 123315662  
Conc: 49.93 ng/ml



#13 Dieldrin

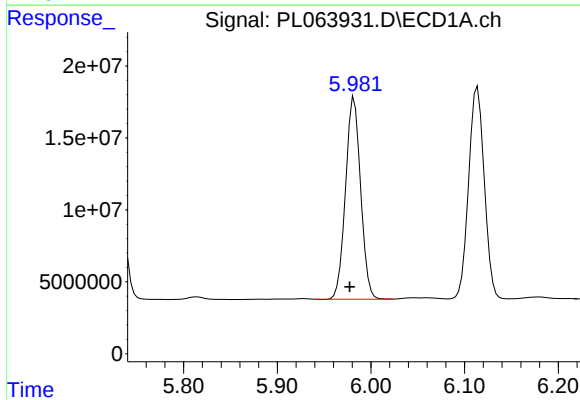
R.T.: 5.727 min  
Delta R.T.: 0.005 min  
Response: 200530614  
Conc: 55.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



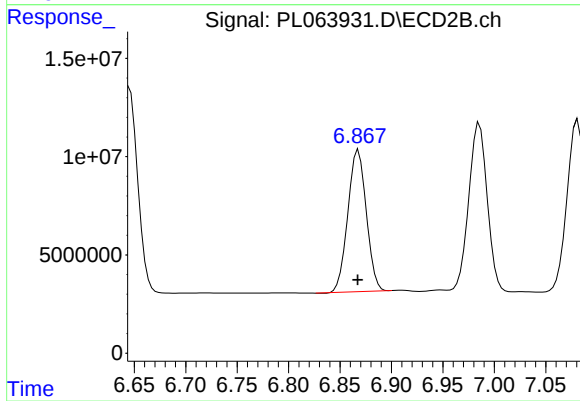
#13 Dieldrin

R.T.: 6.646 min  
Delta R.T.: 0.000 min  
Response: 129868569  
Conc: 49.85 ng/ml



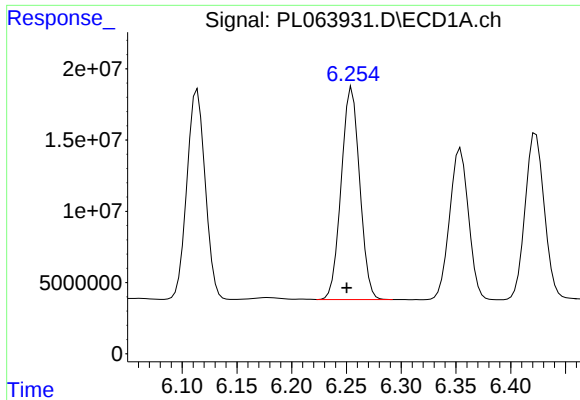
#14 Endrin

R.T.: 5.982 min  
Delta R.T.: 0.005 min  
Response: 157330670  
Conc: 53.98 ng/ml



#14 Endrin

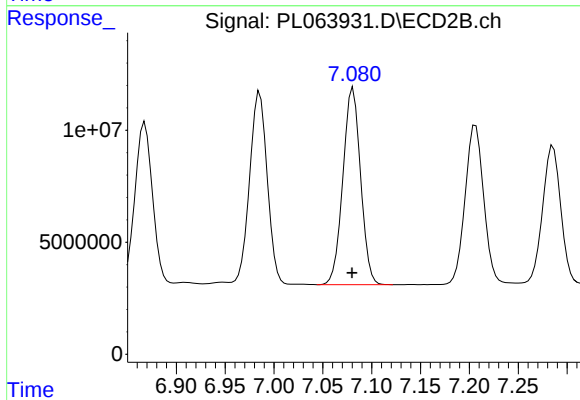
R.T.: 6.868 min  
Delta R.T.: 0.000 min  
Response: 90414901  
Conc: 46.59 ng/ml



#15 Endosulfan II

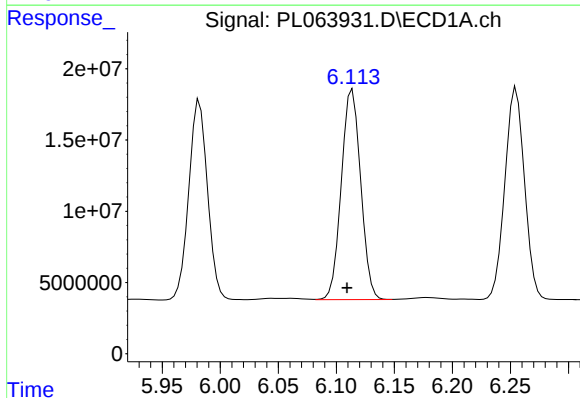
R.T.: 6.255 min  
Delta R.T.: 0.005 min  
Response: 174729549  
Conc: 53.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



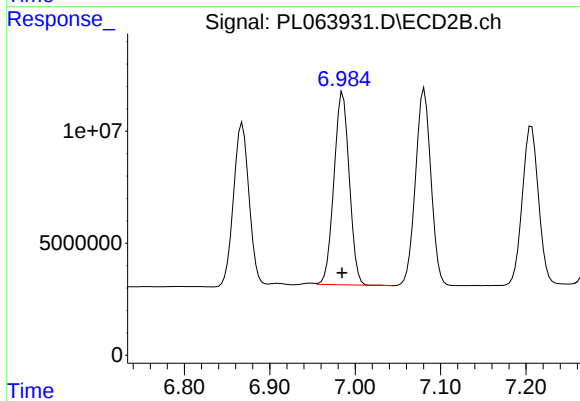
#15 Endosulfan II

R.T.: 7.081 min  
Delta R.T.: 0.001 min  
Response: 110694677  
Conc: 46.96 ng/ml



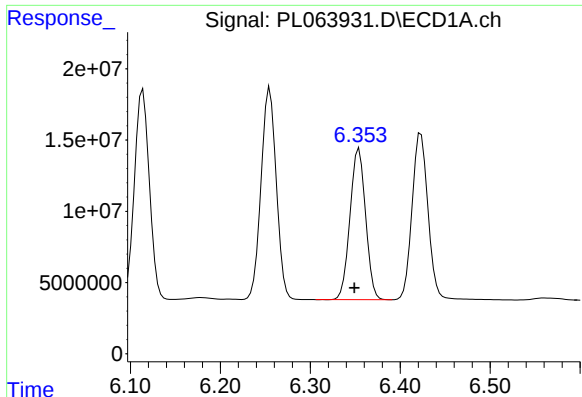
#16 4,4'-DDD

R.T.: 6.114 min  
Delta R.T.: 0.005 min  
Response: 171704507  
Conc: 58.71 ng/ml



#16 4,4'-DDD

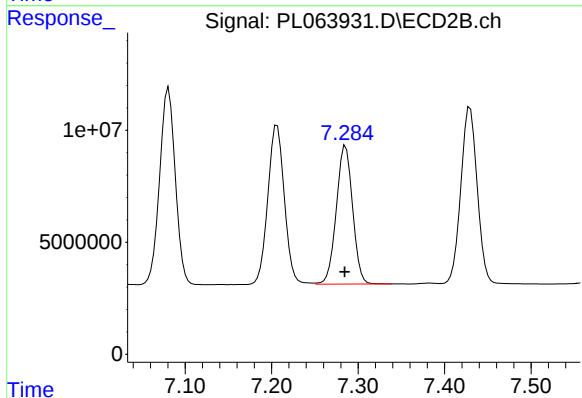
R.T.: 6.986 min  
Delta R.T.: 0.001 min  
Response: 107303949  
Conc: 50.75 ng/ml



#17 4,4'-DDT

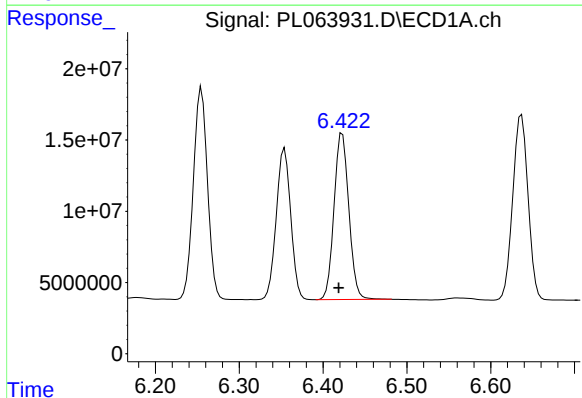
R.T.: 6.354 min  
Delta R.T.: 0.005 min  
Response: 127918351  
Conc: 48.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



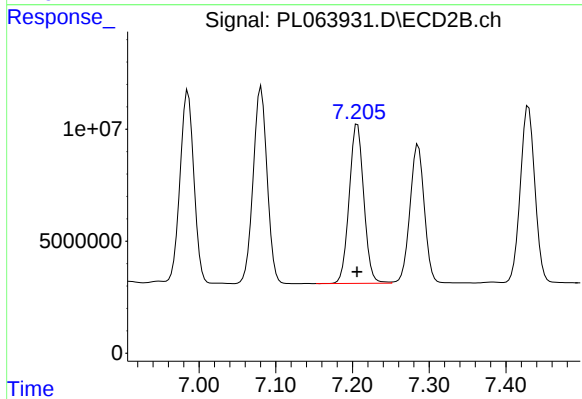
#17 4,4'-DDT

R.T.: 7.286 min  
Delta R.T.: 0.001 min  
Response: 80306483  
Conc: 41.28 ng/ml



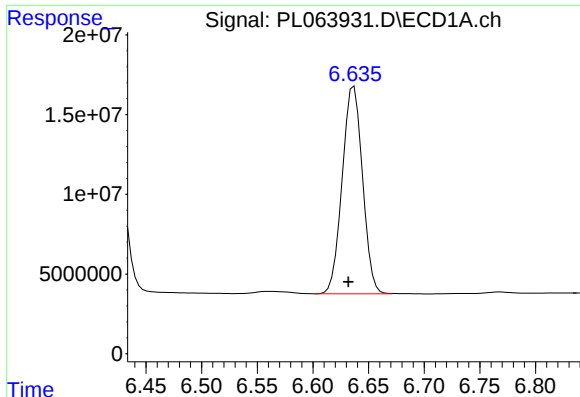
#18 Endrin aldehyde

R.T.: 6.423 min  
Delta R.T.: 0.004 min  
Response: 143275957  
Conc: 51.77 ng/ml



#18 Endrin aldehyde

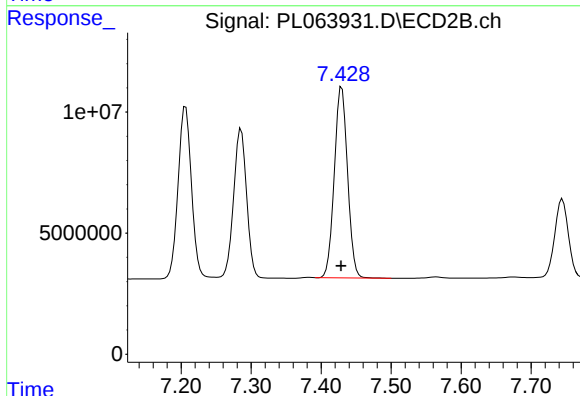
R.T.: 7.206 min  
Delta R.T.: 0.000 min  
Response: 94680467  
Conc: 46.96 ng/ml



#19 Endosulfan Sulfate

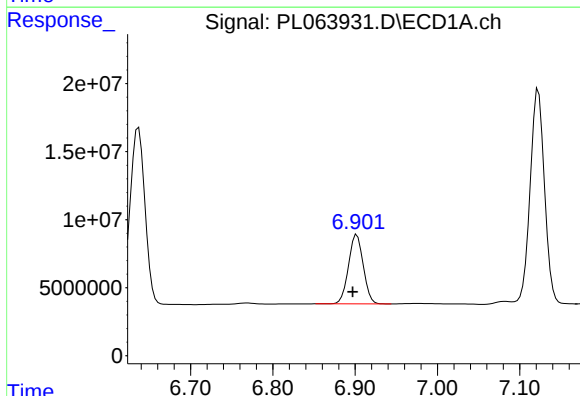
R.T.: 6.637 min  
Delta R.T.: 0.005 min  
Response: 165282513  
Conc: 52.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



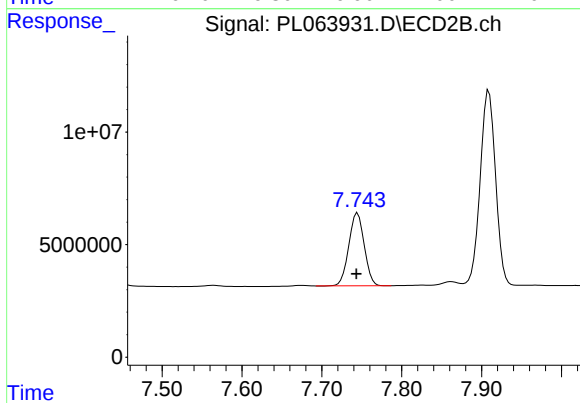
#19 Endosulfan Sulfate

R.T.: 7.430 min  
Delta R.T.: 0.001 min  
Response: 103601223  
Conc: 46.07 ng/ml



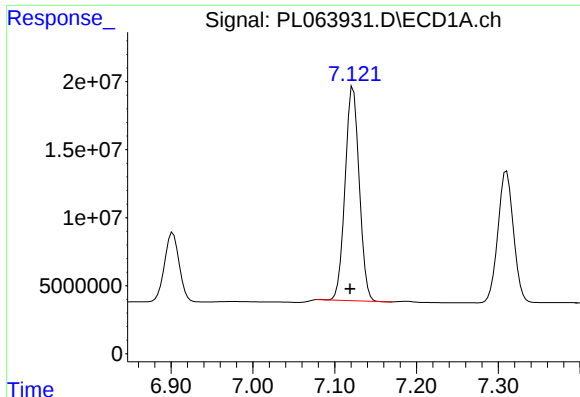
#20 Methoxychlor

R.T.: 6.902 min  
Delta R.T.: 0.005 min  
Response: 63764597  
Conc: 48.54 ng/ml



#20 Methoxychlor

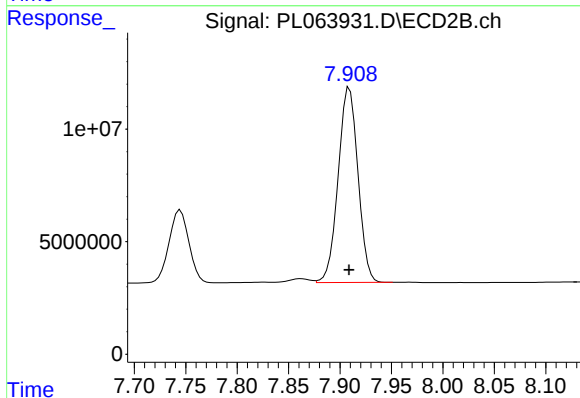
R.T.: 7.745 min  
Delta R.T.: 0.002 min  
Response: 43513911  
Conc: 41.24 ng/ml



#21 Endrin ketone

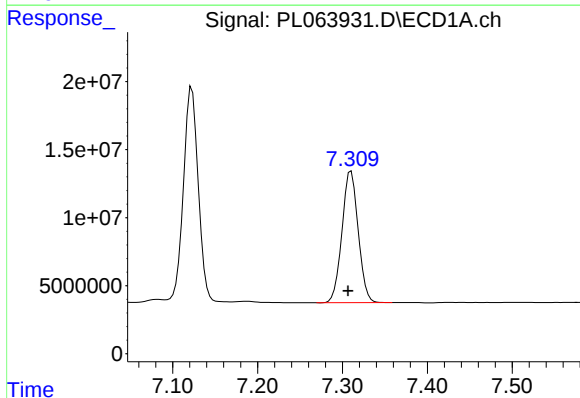
R.T.: 7.123 min  
Delta R.T.: 0.004 min  
Response: 188169051  
Conc: 54.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



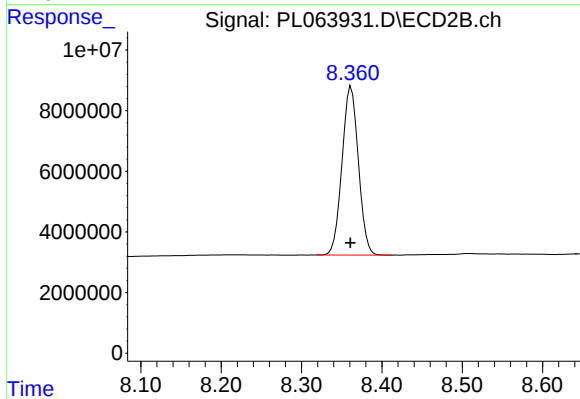
#21 Endrin ketone

R.T.: 7.909 min  
Delta R.T.: 0.000 min  
Response: 116105308  
Conc: 47.08 ng/ml



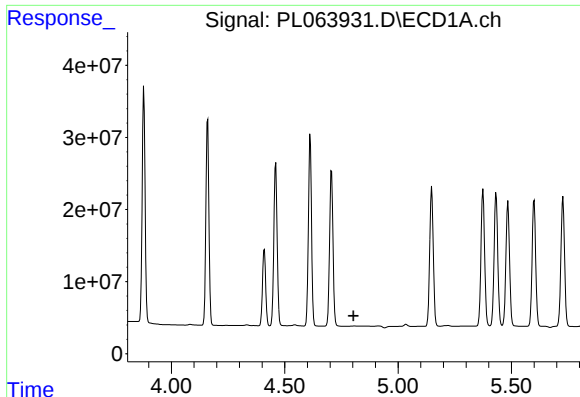
#22 Mirex

R.T.: 7.310 min  
Delta R.T.: 0.003 min  
Response: 128145949  
Conc: 51.03 ng/ml



#22 Mirex

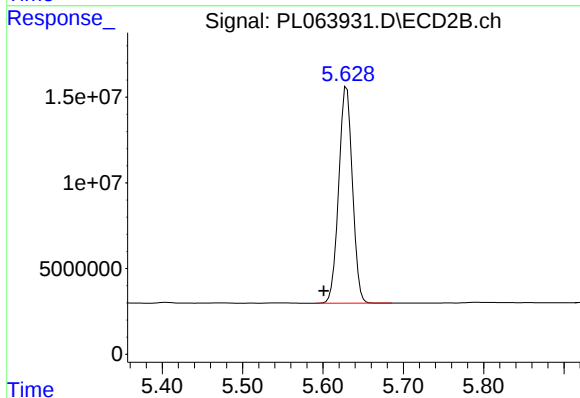
R.T.: 8.362 min  
Delta R.T.: 0.000 min  
Response: 78594433  
Conc: 43.57 ng/ml



#24 Chlordane-2

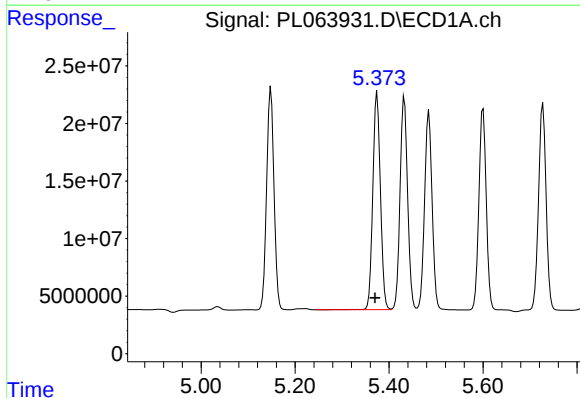
R.T.: 0.000 min  
Exp R.T.: 4.804 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



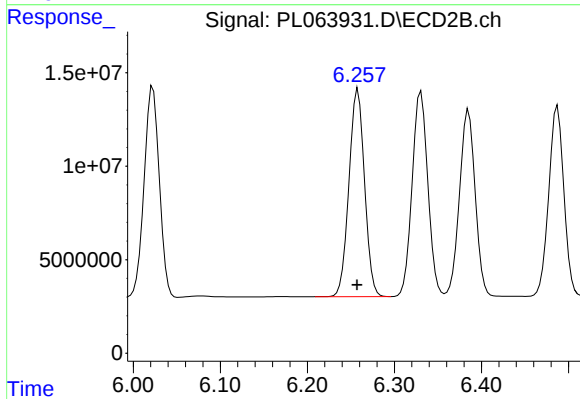
#24 Chlordane-2

R.T.: 5.630 min  
Delta R.T.: 0.029 min  
Response: 149538481  
Conc: 1549.81 ng/ml



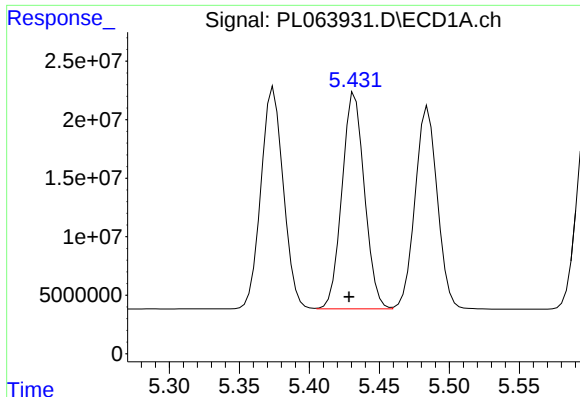
#25 Chlordane-3

R.T.: 5.374 min  
Delta R.T.: 0.004 min  
Response: 211699702  
Conc: 647.86 ng/ml



#25 Chlordane-3

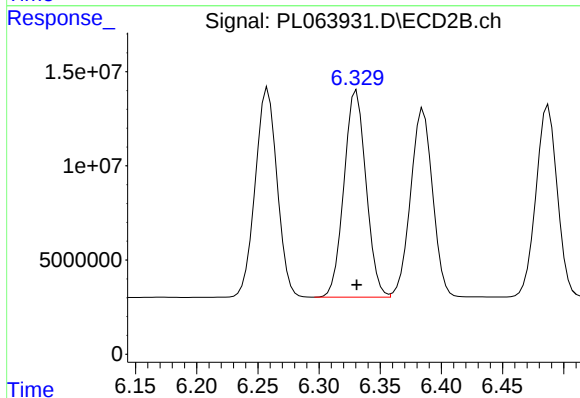
R.T.: 6.258 min  
Delta R.T.: 0.000 min  
Response: 138035933  
Conc: 402.86 ng/ml



#26 Chlordane-4

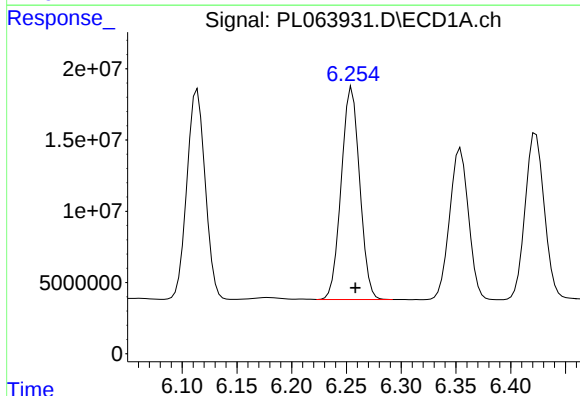
R.T.: 5.433 min  
Delta R.T.: 0.004 min  
Response: 206578366  
Conc: 772.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



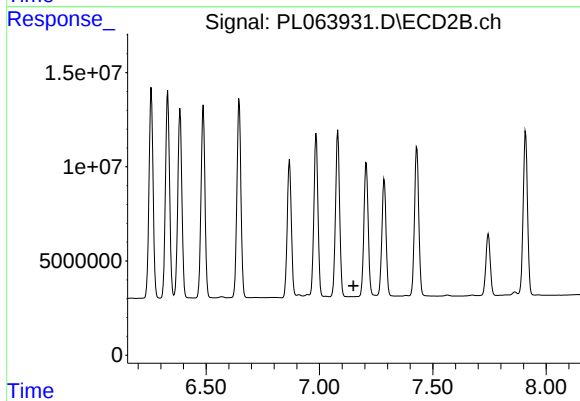
#26 Chlordane-4

R.T.: 6.331 min  
Delta R.T.: 0.000 min  
Response: 137664701  
Conc: 334.92 ng/ml



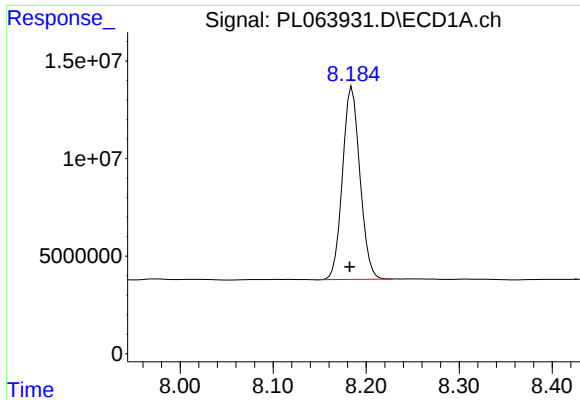
#27 Chlordane-5

R.T.: 6.255 min  
Delta R.T.: -0.003 min  
Response: 174729549  
Conc: 1624.80 ng/ml



#27 Chlordane-5

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



#28 Decachlorobiphenyl

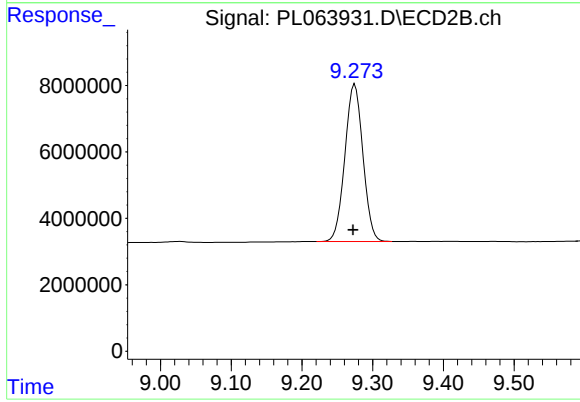
R.T.: 8.185 min

Delta R.T.: 0.003 min

Response: 128434780

Conc: 46.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.275 min

Delta R.T.: 0.003 min

Response: 83861999

Conc: 42.53 ng/ml