

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060123\  
 Data File : PL083138.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Jun 2023 10:08  
 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: Jun 01 20:57:23 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 20 04:58:53 2023  
 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... | 3.326 | 2.636  | 138.7E6  | 114.8E6  | 47.185  | 44.221     |
| 28)                         | SA Decachlor... | 8.744 | 7.744  | 104.6E6  | 117.8E6  | 49.852  | 47.381     |
| Target Compounds            |                 |       |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.776 | 3.132  | 215.2E6  | 165.1E6  | 48.471  | 44.236     |
| 3)                          | MA gamma-BHC... | 4.104 | 3.459  | 198.6E6  | 153.6E6  | 47.934  | 46.081     |
| 4)                          | MA Heptachlor   | 4.682 | 3.790  | 189.1E6  | 159.2E6  | 49.464  | 43.474     |
| 5)                          | MB Aldrin       | 5.018 | 4.066  | 177.3E6  | 147.4E6  | 50.393  | 45.292     |
| 6)                          | B beta-BHC      | 4.308 | 3.760  | 86331518 | 65486690 | 45.854  | 45.792     |
| 7)                          | B delta-BHC     | 4.549 | 3.985  | 200.7E6  | 150.0E6  | 58.358  | 45.785     |
| 8)                          | B Heptachlo...  | 5.445 | 4.568  | 157.5E6  | 135.2E6  | 49.244  | 45.538     |
| 9)                          | A Endosulfan I  | 5.825 | 4.935  | 151.9E6  | 124.4E6  | 50.610  | 44.505     |
| 10)                         | B gamma-Chl...  | 5.699 | 4.817  | 172.6E6  | 137.9E6  | 54.322  | 45.915     |
| 11)                         | B alpha-Chl...  | 5.777 | 4.879  | 165.0E6  | 137.5E6  | 51.413  | 45.788     |
| 12)                         | B 4,4'-DDE      | 5.955 | 5.070  | 141.5E6  | 123.2E6  | 51.337  | 50.716     |
| 13)                         | MA Dieldrin     | 6.100 | 5.199  | 150.7E6  | 129.5E6  | 50.117  | 45.863     |
| 14)                         | MA Endrin       | 6.327 | 5.473  | 119.4E6  | 110.4E6  | 44.446  | 43.532     |
| 15)                         | B Endosulfa...  | 6.549 | 5.771  | 122.3E6  | 109.9E6  | 45.904  | 44.416     |
| 16)                         | A 4,4'-DDD      | 6.472 | 5.626  | 119.6E6  | 99593124 | 55.034  | 51.784     |
| 17)                         | MA 4,4'-DDT     | 6.782 | 5.873  | 115.2E6  | 98009663 | 46.028  | 43.930     |
| 18)                         | B Endrin al...  | 6.679 | 5.951  | 101.5E6  | 90193817 | 50.493  | 45.611     |
| 19)                         | B Endosulfa...  | 6.914 | 6.173  | 129.9E6  | 113.3E6  | 50.662  | 46.275     |
| 20)                         | A Methoxychlor  | 7.264 | 6.453  | 61859119 | 54352096 | 46.779  | 42.738     |
| 21)                         | B Endrin ke...  | 7.393 | 6.678  | 134.2E6  | 130.0E6  | 52.597  | 48.083     |
| 22)                         | Mirex           | 7.856 | 6.848  | 101.6E6  | 107.1E6  | 48.462  | 45.763     |
| 24)                         | Chlordane-2     | 0.000 | 4.212f | 0        | 2367055  | N.D.    | 26.587 #   |
| 25)                         | Chlordane-3     | 5.699 | 4.817  | 172.6E6  | 137.9E6  | 415.955 | 517.438    |
| 26)                         | Chlordane-4     | 5.777 | 4.879  | 165.0E6  | 137.5E6  | 325.842 | 487.860 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.771  | 0        | 109.9E6  | N.D.    | 1131.207 # |
| -----                       |                 |       |        |          |          |         |            |

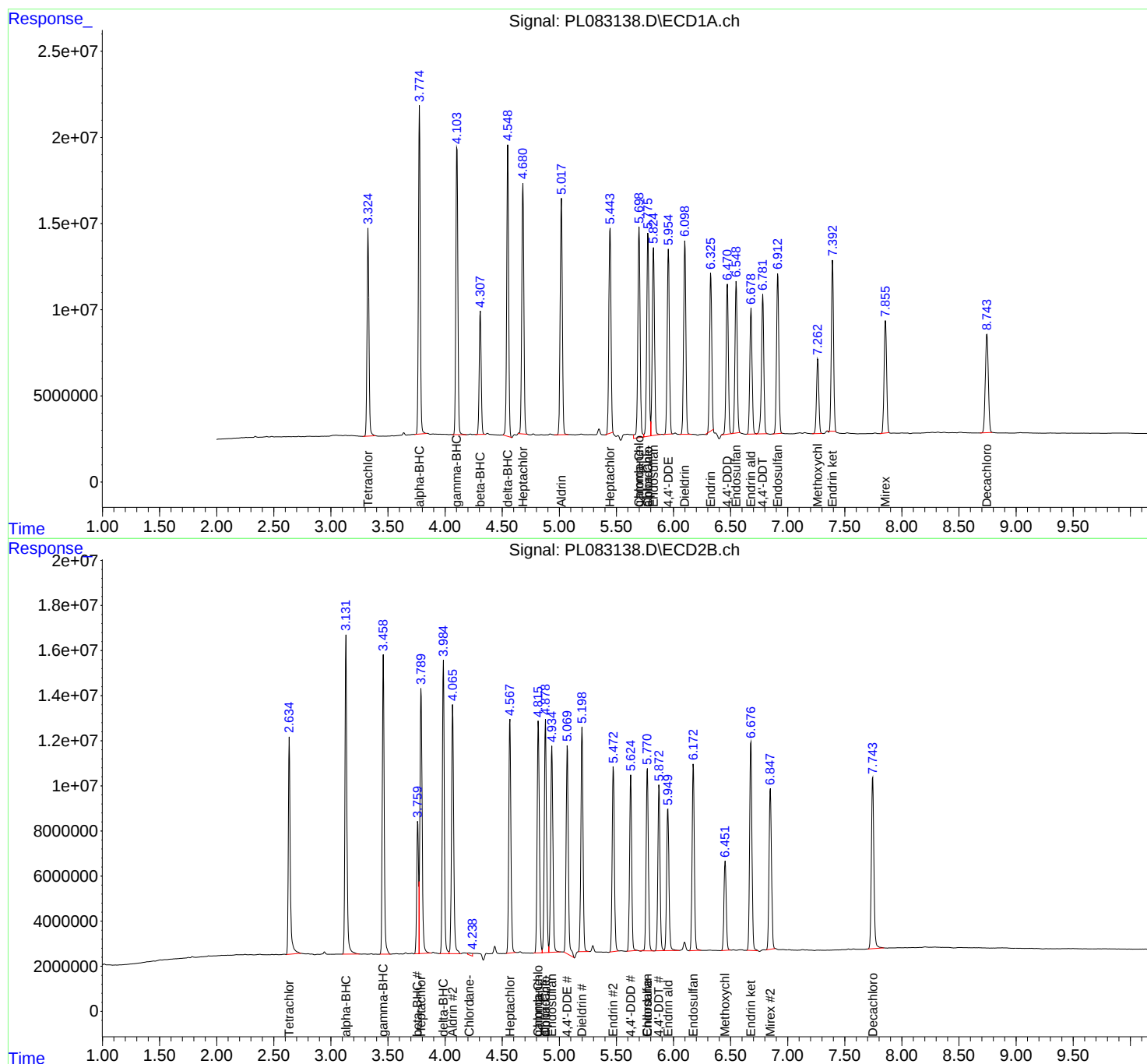
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

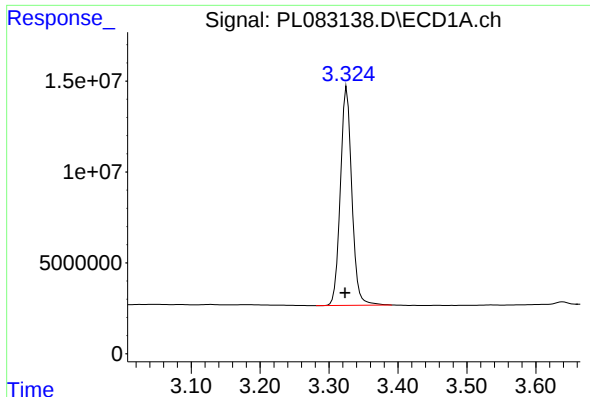
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060123\  
Data File : PL083138.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Jun 2023 10:08  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 01 20:57:23 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051923.M  
Quant Title : GC Extractables  
QLast Update : Sat May 20 04:58:53 2023  
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

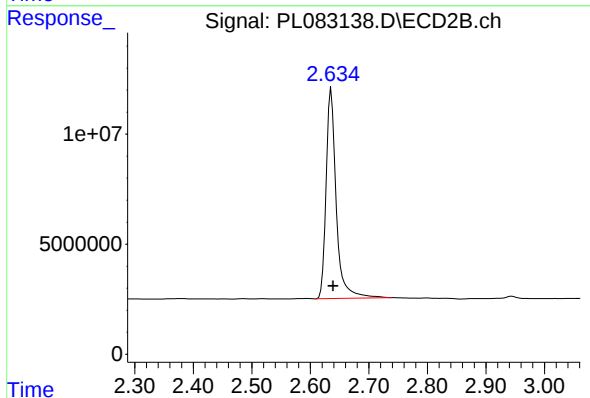




#1 Tetrachloro-m-xylene

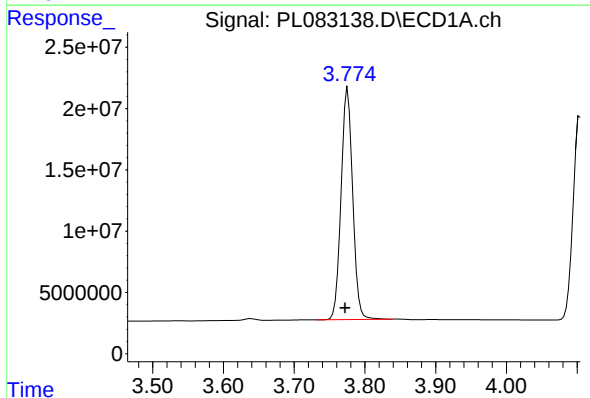
R.T.: 3.326 min  
Delta R.T.: 0.003 min  
Response: 138678186  
Conc: 47.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



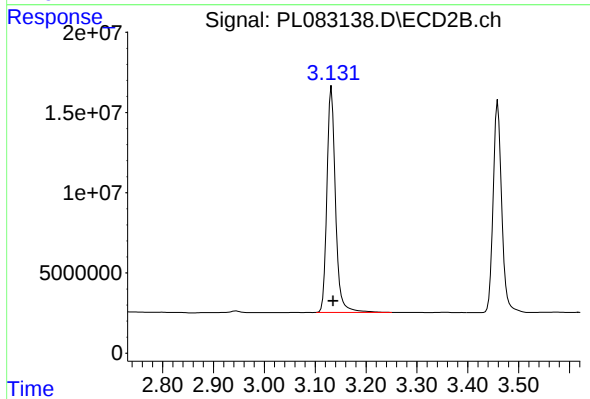
#1 Tetrachloro-m-xylene

R.T.: 2.636 min  
Delta R.T.: -0.003 min  
Response: 114802823  
Conc: 44.22 ng/ml



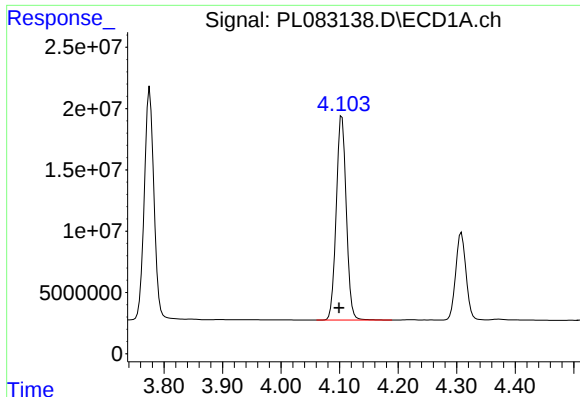
#2 alpha-BHC

R.T.: 3.776 min  
Delta R.T.: 0.004 min  
Response: 215176396  
Conc: 48.47 ng/ml



#2 alpha-BHC

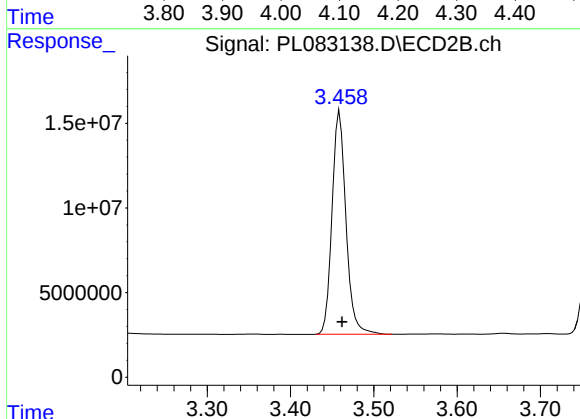
R.T.: 3.132 min  
Delta R.T.: -0.003 min  
Response: 165065344  
Conc: 44.24 ng/ml



#3 gamma-BHC (Lindane)

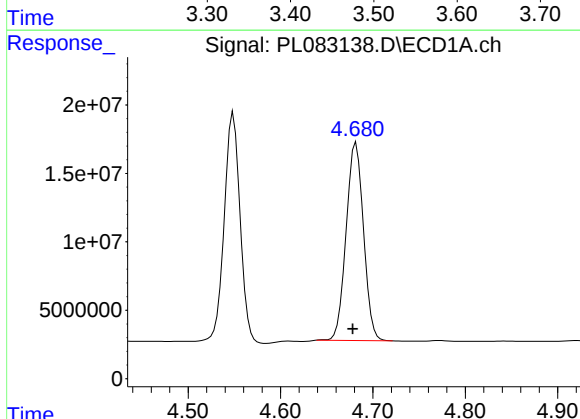
R.T.: 4.104 min  
Delta R.T.: 0.005 min  
Response: 198586044  
Conc: 47.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



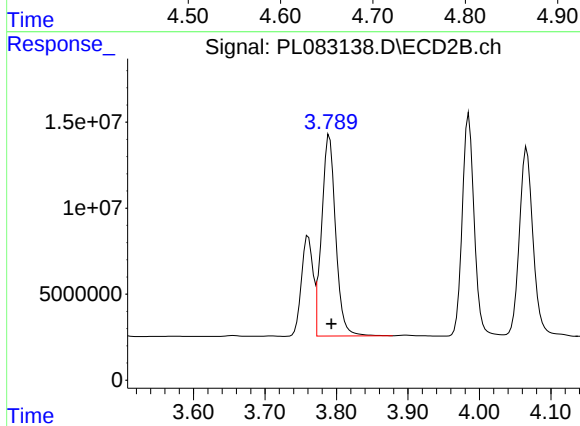
#3 gamma-BHC (Lindane)

R.T.: 3.459 min  
Delta R.T.: -0.003 min  
Response: 153601283  
Conc: 46.08 ng/ml



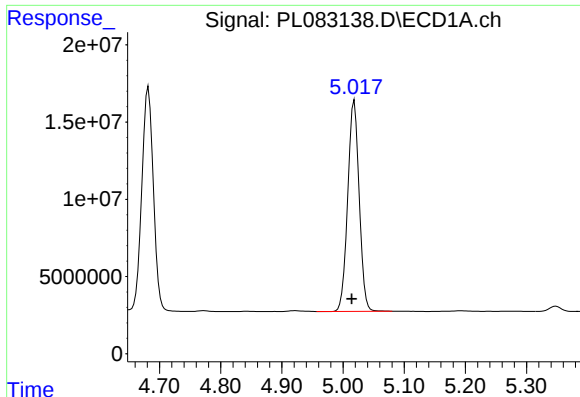
#4 Heptachlor

R.T.: 4.682 min  
Delta R.T.: 0.004 min  
Response: 189073543  
Conc: 49.46 ng/ml



#4 Heptachlor

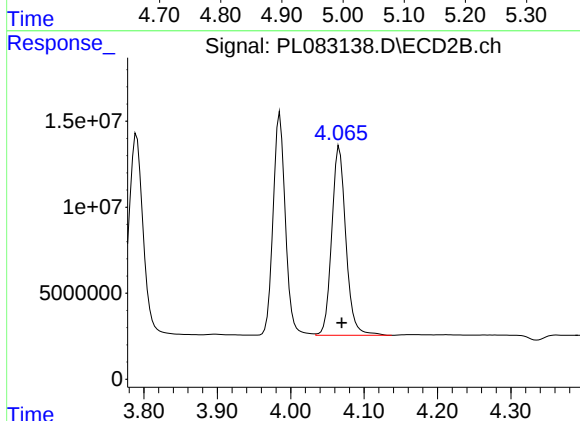
R.T.: 3.790 min  
Delta R.T.: -0.003 min  
Response: 159161484  
Conc: 43.47 ng/ml



#5 Aldrin

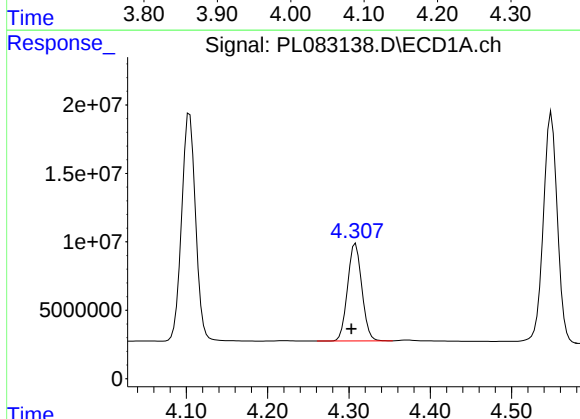
R.T.: 5.018 min  
Delta R.T.: 0.004 min  
Response: 177289716  
Conc: 50.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



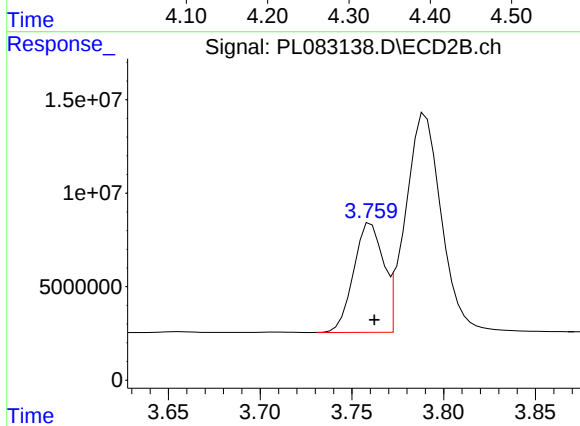
#5 Aldrin

R.T.: 4.066 min  
Delta R.T.: -0.003 min  
Response: 147363395  
Conc: 45.29 ng/ml



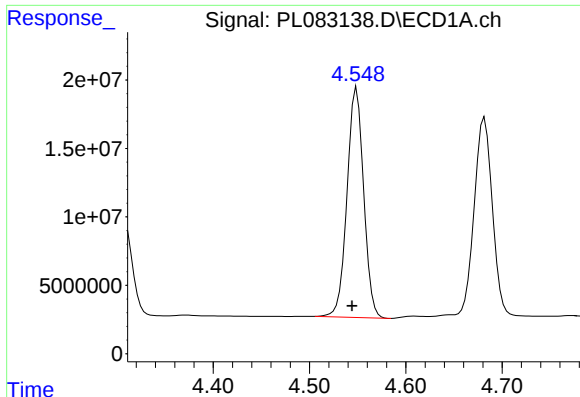
#6 beta-BHC

R.T.: 4.308 min  
Delta R.T.: 0.005 min  
Response: 86331518  
Conc: 45.85 ng/ml



#6 beta-BHC

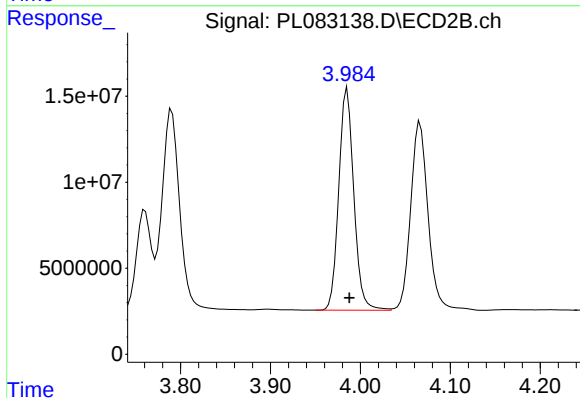
R.T.: 3.760 min  
Delta R.T.: -0.002 min  
Response: 65486690  
Conc: 45.79 ng/ml



#7 delta-BHC

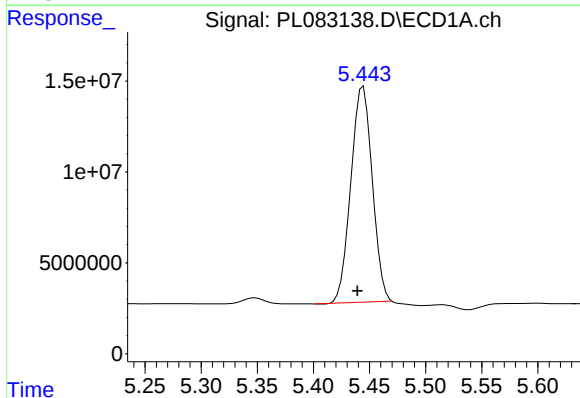
R.T.: 4.549 min  
Delta R.T.: 0.005 min  
Response: 200687372  
Conc: 58.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



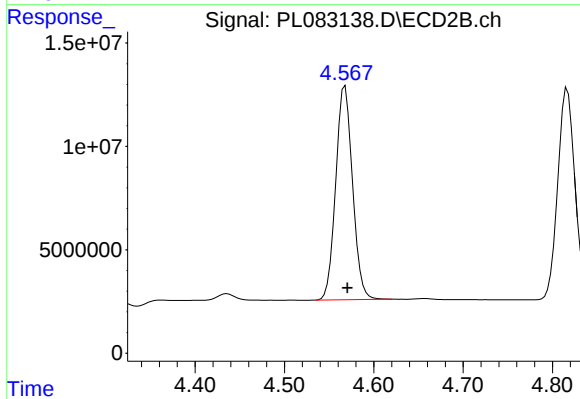
#7 delta-BHC

R.T.: 3.985 min  
Delta R.T.: -0.003 min  
Response: 150013410  
Conc: 45.79 ng/ml



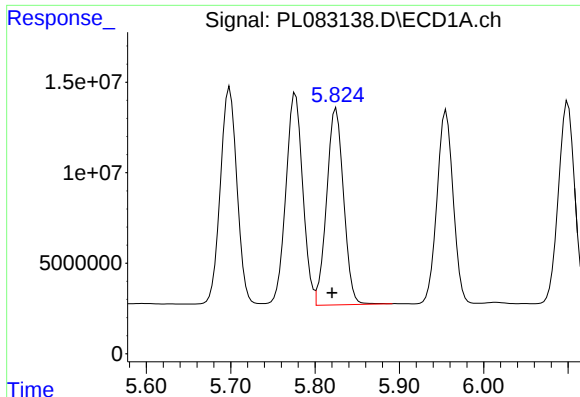
#8 Heptachlor epoxide

R.T.: 5.445 min  
Delta R.T.: 0.006 min  
Response: 157518990  
Conc: 49.24 ng/ml



#8 Heptachlor epoxide

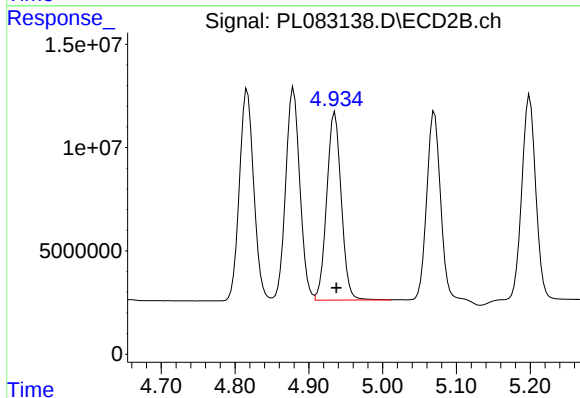
R.T.: 4.568 min  
Delta R.T.: -0.002 min  
Response: 135152570  
Conc: 45.54 ng/ml



#9 Endosulfan I

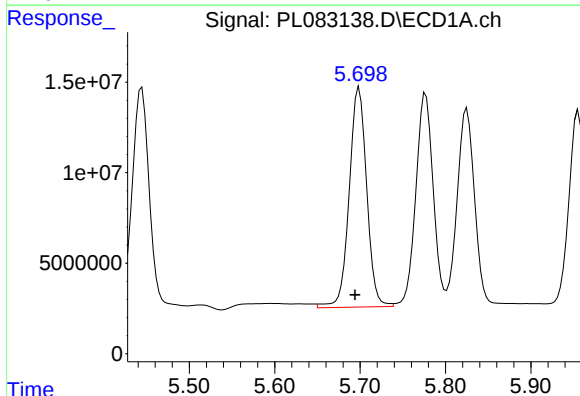
R.T.: 5.825 min  
Delta R.T.: 0.005 min  
Response: 151859057  
Conc: 50.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



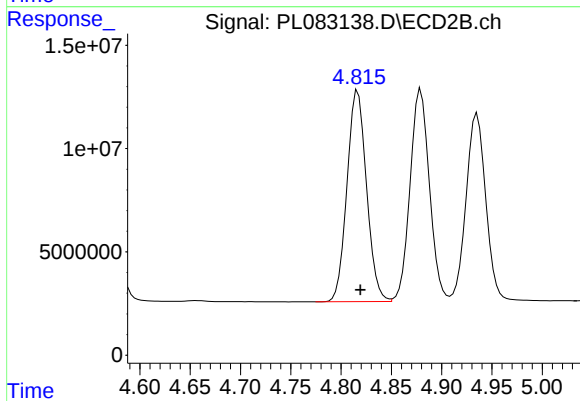
#9 Endosulfan I

R.T.: 4.935 min  
Delta R.T.: -0.002 min  
Response: 124364021  
Conc: 44.51 ng/ml



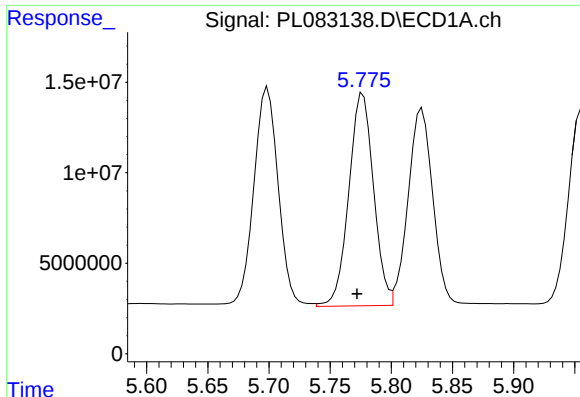
#10 gamma-Chlordane

R.T.: 5.699 min  
Delta R.T.: 0.005 min  
Response: 172580946  
Conc: 54.32 ng/ml



#10 gamma-Chlordane

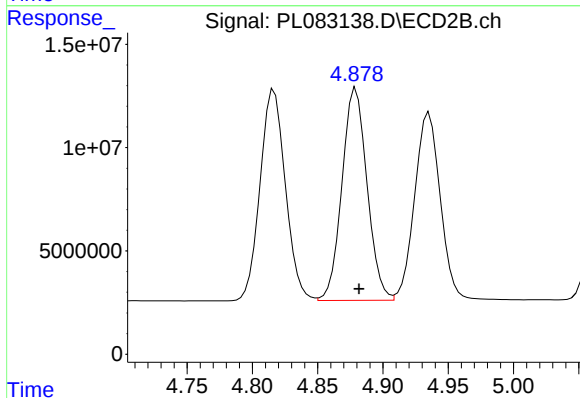
R.T.: 4.817 min  
Delta R.T.: -0.002 min  
Response: 137899727  
Conc: 45.91 ng/ml



#11 alpha-Chlordane

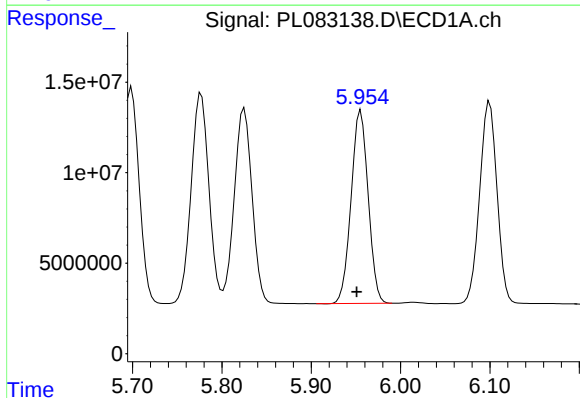
R.T.: 5.777 min  
Delta R.T.: 0.005 min  
Response: 164998744  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



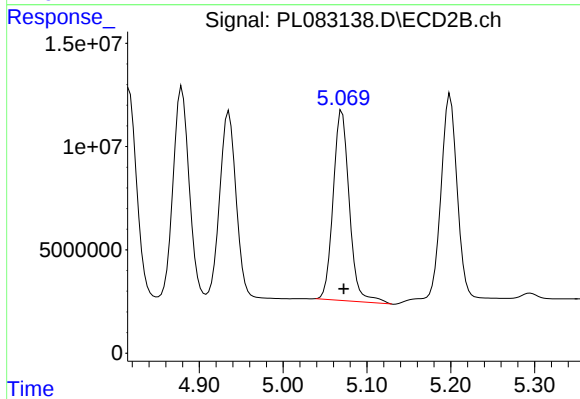
#11 alpha-Chlordane

R.T.: 4.879 min  
Delta R.T.: -0.002 min  
Response: 137455302  
Conc: 45.79 ng/ml



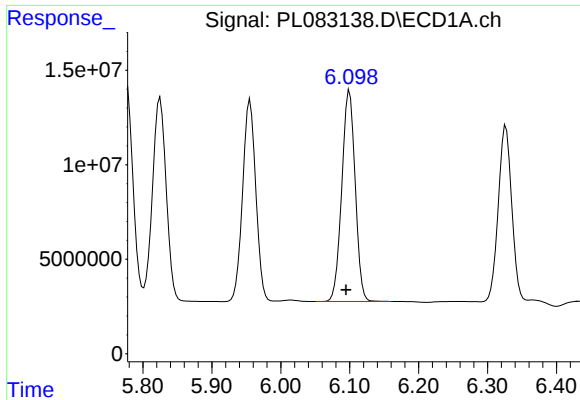
#12 4,4'-DDE

R.T.: 5.955 min  
Delta R.T.: 0.004 min  
Response: 141510502  
Conc: 51.34 ng/ml



#12 4,4'-DDE

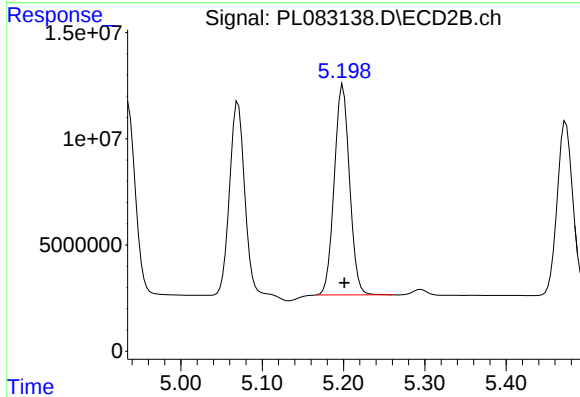
R.T.: 5.070 min  
Delta R.T.: -0.002 min  
Response: 123177732  
Conc: 50.72 ng/ml



#13 Dieldrin

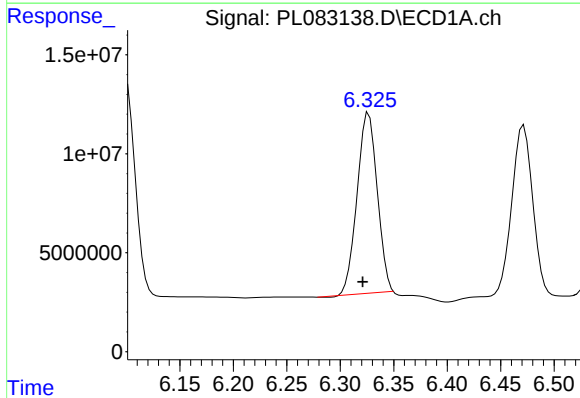
R.T.: 6.100 min  
Delta R.T.: 0.005 min  
Response: 150743861  
Conc: 50.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



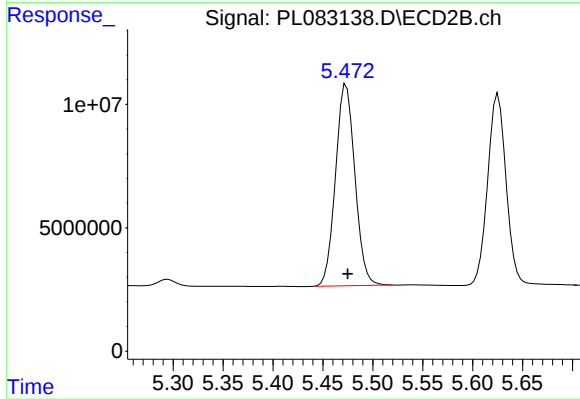
#13 Dieldrin

R.T.: 5.199 min  
Delta R.T.: -0.002 min  
Response: 129468567  
Conc: 45.86 ng/ml



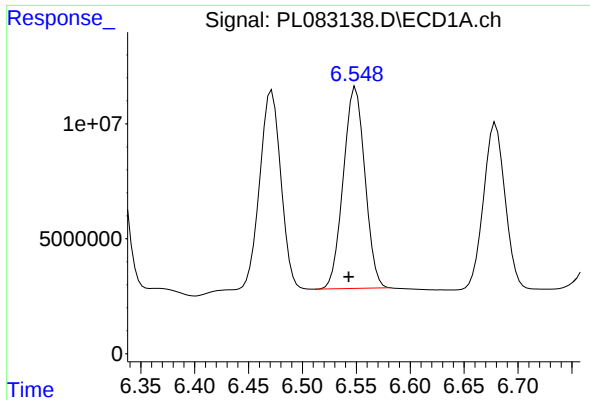
#14 Endrin

R.T.: 6.327 min  
Delta R.T.: 0.006 min  
Response: 119438417  
Conc: 44.45 ng/ml



#14 Endrin

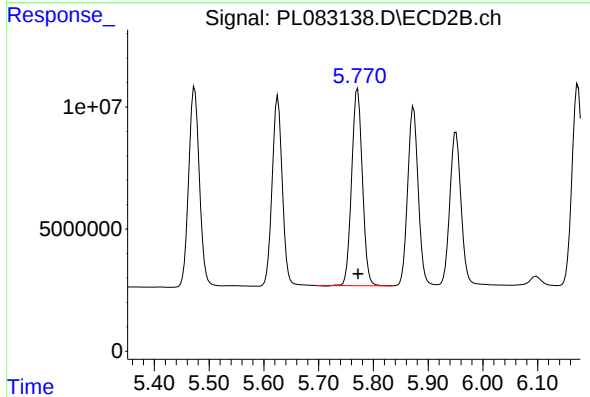
R.T.: 5.473 min  
Delta R.T.: -0.001 min  
Response: 110438316  
Conc: 43.53 ng/ml



#15 Endosulfan II

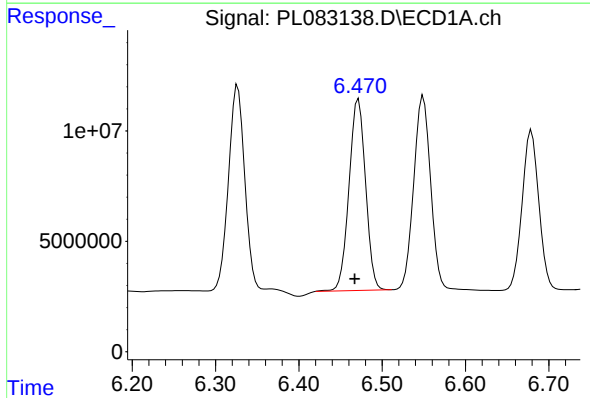
R.T.: 6.549 min  
Delta R.T.: 0.006 min  
Response: 122310658  
Conc: 45.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



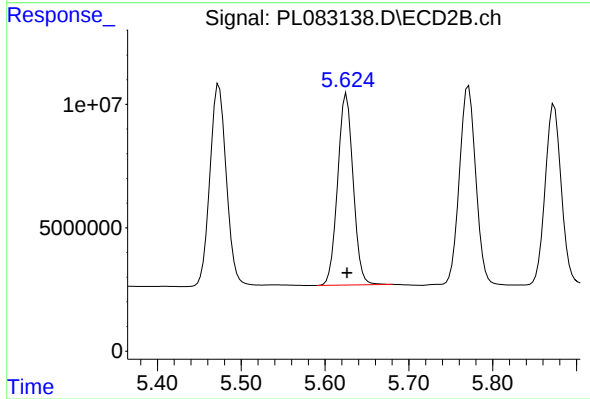
#15 Endosulfan II

R.T.: 5.771 min  
Delta R.T.: 0.000 min  
Response: 109892523  
Conc: 44.42 ng/ml



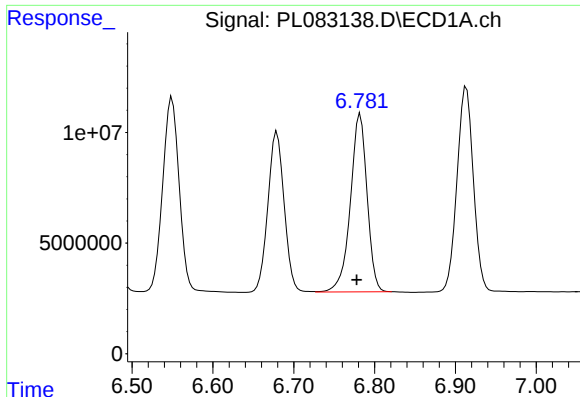
#16 4,4'-DDD

R.T.: 6.472 min  
Delta R.T.: 0.005 min  
Response: 119592920  
Conc: 55.03 ng/ml



#16 4,4'-DDD

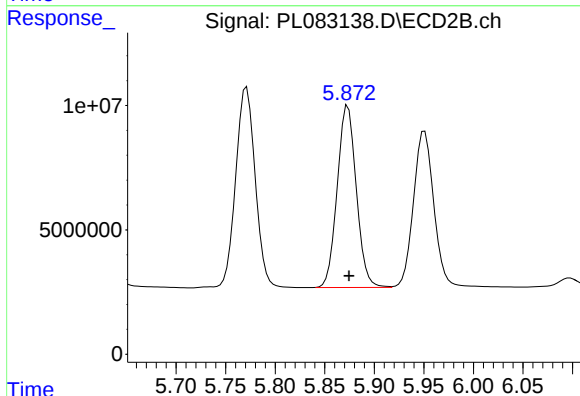
R.T.: 5.626 min  
Delta R.T.: 0.000 min  
Response: 99593124  
Conc: 51.78 ng/ml



#17 4,4'-DDT

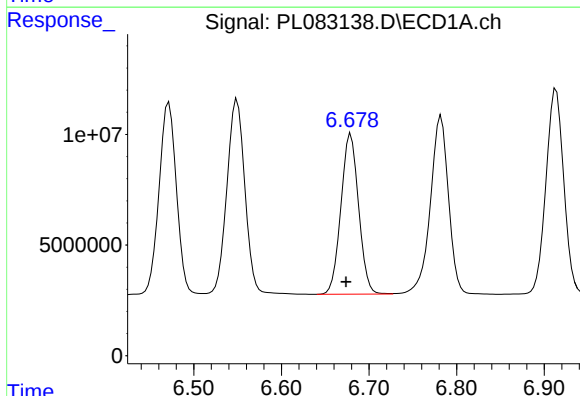
R.T.: 6.782 min  
Delta R.T.: 0.004 min  
Response: 115215154  
Conc: 46.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



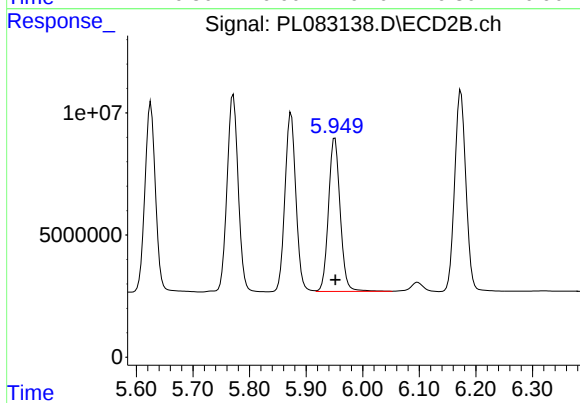
#17 4,4'-DDT

R.T.: 5.873 min  
Delta R.T.: -0.001 min  
Response: 98009663  
Conc: 43.93 ng/ml



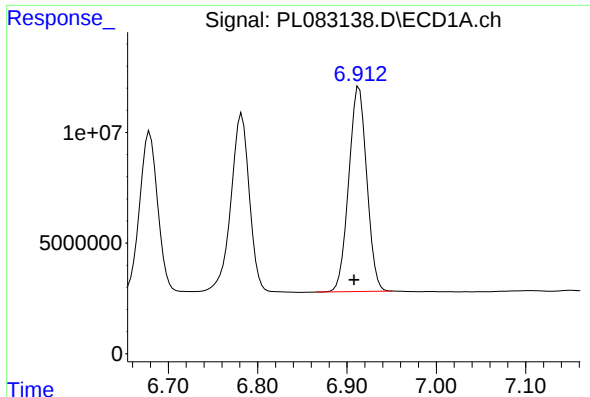
#18 Endrin aldehyde

R.T.: 6.679 min  
Delta R.T.: 0.005 min  
Response: 101524325  
Conc: 50.49 ng/ml



#18 Endrin aldehyde

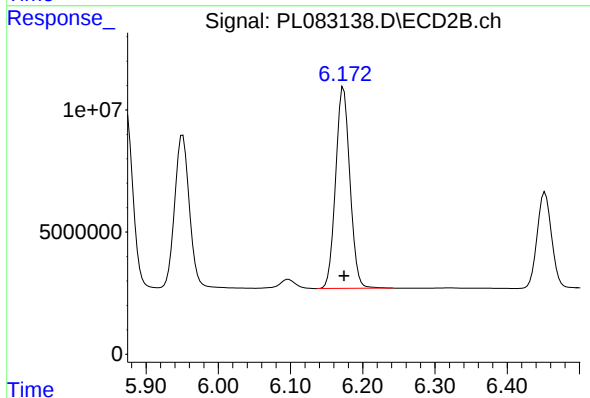
R.T.: 5.951 min  
Delta R.T.: 0.000 min  
Response: 90193817  
Conc: 45.61 ng/ml



#19 Endosulfan Sulfate

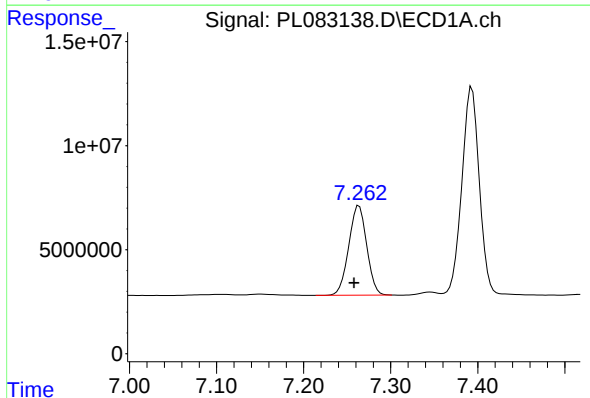
R.T.: 6.914 min  
Delta R.T.: 0.006 min  
Response: 129883319  
Conc: 50.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



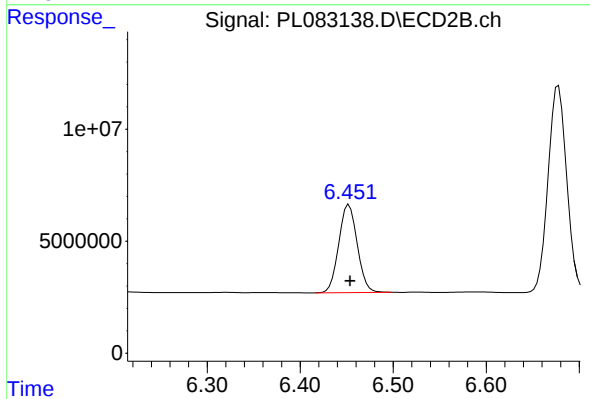
#19 Endosulfan Sulfate

R.T.: 6.173 min  
Delta R.T.: 0.000 min  
Response: 113327272  
Conc: 46.28 ng/ml



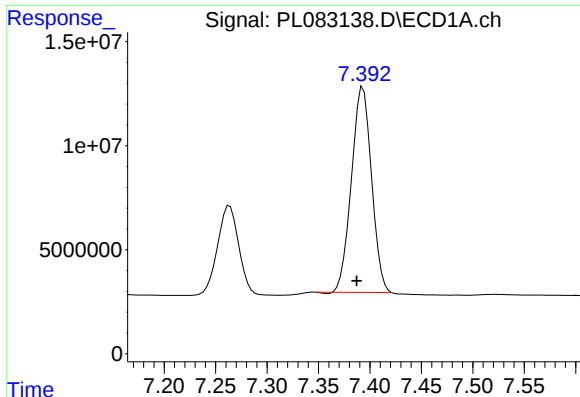
#20 Methoxychlor

R.T.: 7.264 min  
Delta R.T.: 0.006 min  
Response: 61859119  
Conc: 46.78 ng/ml



#20 Methoxychlor

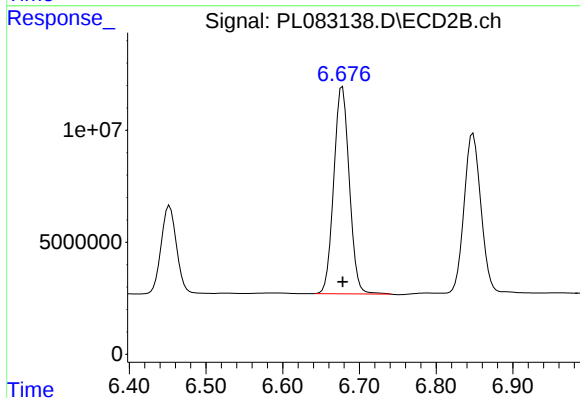
R.T.: 6.453 min  
Delta R.T.: -0.001 min  
Response: 54352096  
Conc: 42.74 ng/ml



#21 Endrin ketone

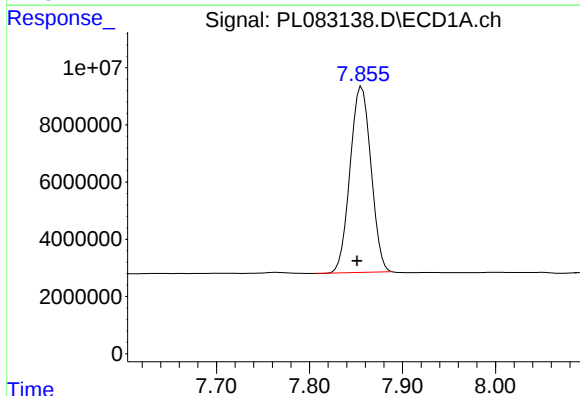
R.T.: 7.393 min  
Delta R.T.: 0.006 min  
Response: 134164254  
Conc: 52.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



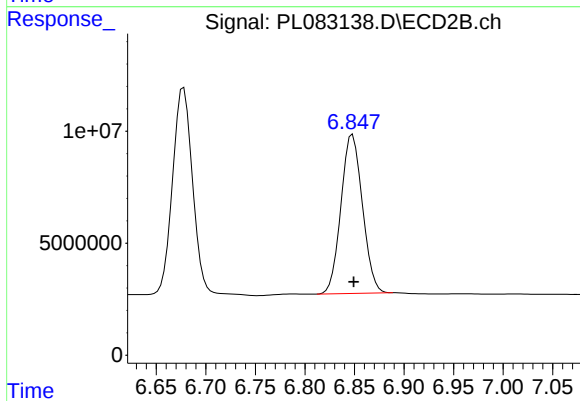
#21 Endrin ketone

R.T.: 6.678 min  
Delta R.T.: 0.000 min  
Response: 130009823  
Conc: 48.08 ng/ml



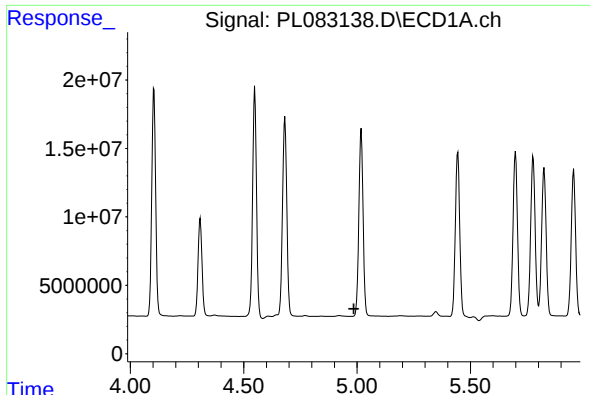
#22 Mirex

R.T.: 7.856 min  
Delta R.T.: 0.005 min  
Response: 101578939  
Conc: 48.46 ng/ml



#22 Mirex

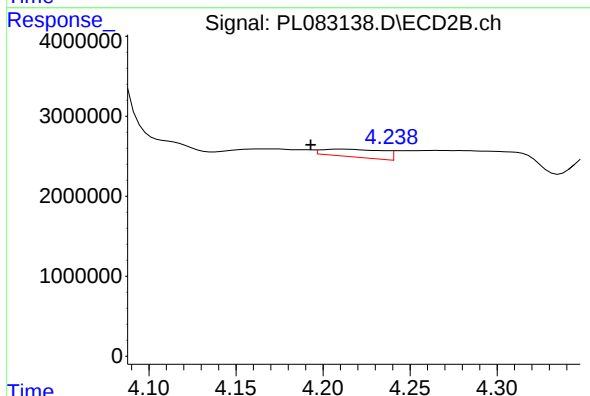
R.T.: 6.848 min  
Delta R.T.: -0.001 min  
Response: 107076946  
Conc: 45.76 ng/ml



#24 Chlordane-2

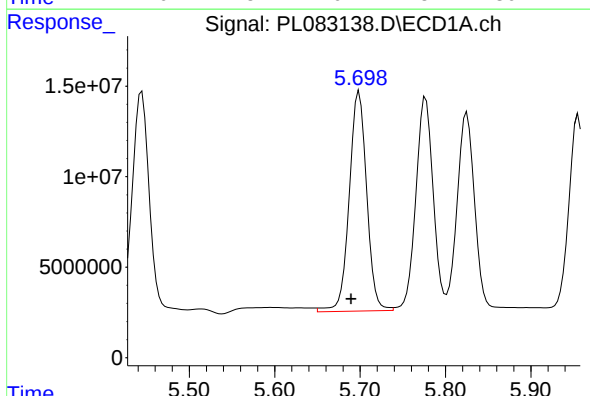
R.T.: 0.000 min  
Exp R.T.: 4.985 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



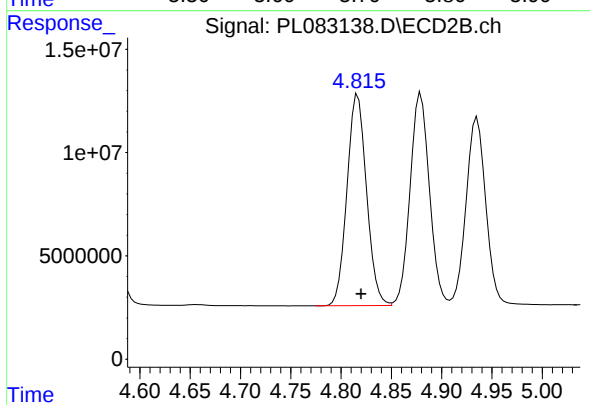
#24 Chlordane-2

R.T.: 4.212 min  
Delta R.T.: 0.018 min  
Response: 2367055  
Conc: 26.59 ng/ml



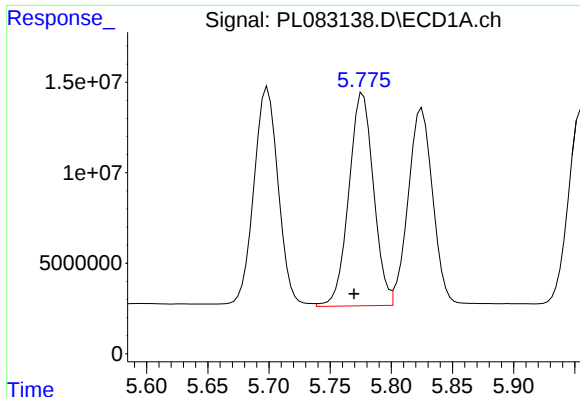
#25 Chlordane-3

R.T.: 5.699 min  
Delta R.T.: 0.010 min  
Response: 172580946  
Conc: 415.95 ng/ml



#25 Chlordane-3

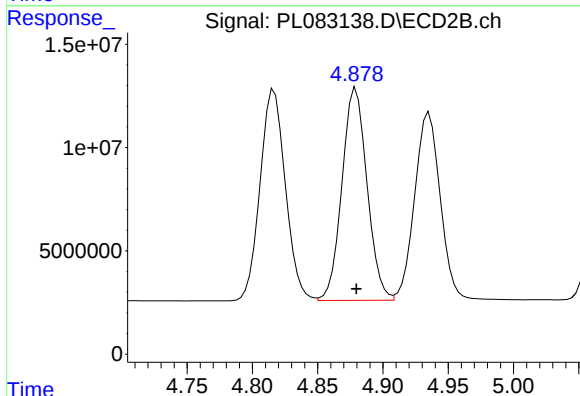
R.T.: 4.817 min  
Delta R.T.: -0.003 min  
Response: 137899727  
Conc: 517.44 ng/ml



#26 Chlordane-4

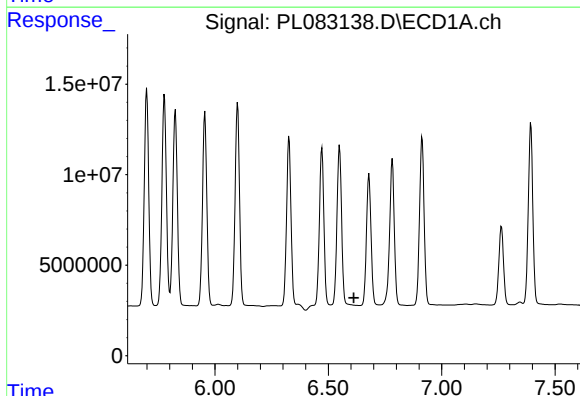
R.T.: 5.777 min  
Delta R.T.: 0.007 min  
Response: 164998744  
Conc: 325.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



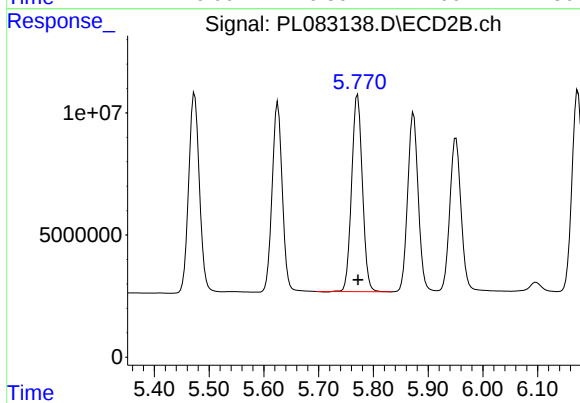
#26 Chlordane-4

R.T.: 4.879 min  
Delta R.T.: 0.000 min  
Response: 137455302  
Conc: 487.86 ng/ml



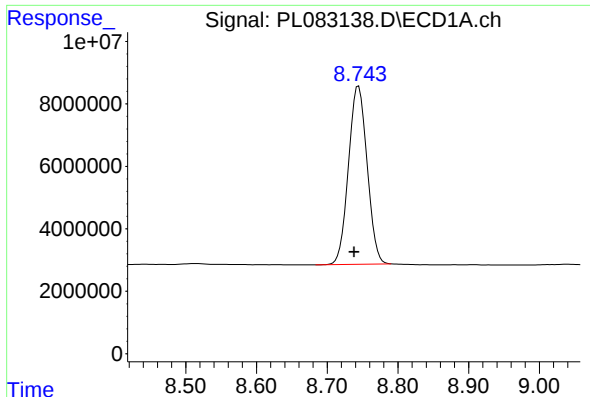
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.612 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

R.T.: 5.771 min  
Delta R.T.: 0.000 min  
Response: 109892523  
Conc: 1131.21 ng/ml



#28 Decachlorobiphenyl

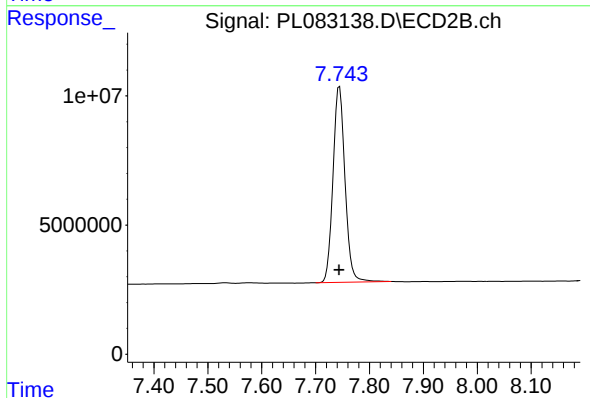
R.T.: 8.744 min

Delta R.T.: 0.006 min

Response: 104556787

Conc: 49.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.744 min

Delta R.T.: 0.000 min

Response: 117813728

Conc: 47.38 ng/ml