

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122118\  
 Data File : PL043414.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Dec 2018 05:17  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 22 05:45:43 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|---------|----------|----------|------------|
| -----                       |                 |       |       |         |          |          |            |
| System Monitoring Compounds |                 |       |       |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.465 | 4.103 | 342.6E6 | 169.0E6  | 55.867   | 57.003     |
| 28)                         | SA Decachlor... | 8.204 | 9.241 | 297.1E6 | 138.0E6  | 45.498   | 52.893     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.905 | 4.499 | 532.4E6 | 252.0E6  | 56.316   | 55.709     |
| 3)                          | MA gamma-BHC... | 4.188 | 4.788 | 483.5E6 | 232.8E6  | 55.993   | 55.513     |
| 4)                          | MA Heptachlor   | 4.483 | 5.303 | 479.2E6 | 221.4E6  | 54.010   | 54.053     |
| 5)                          | MB Aldrin       | 4.730 | 5.613 | 464.5E6 | 222.8E6  | 54.785   | 54.578     |
| 6)                          | B beta-BHC      | 4.443 | 4.957 | 196.0E6 | 99360046 | 53.140   | 58.691     |
| 7)                          | B delta-BHC     | 4.645 | 5.178 | 456.5E6 | 219.0E6  | 56.371   | 50.955     |
| 8)                          | B Heptachlo...  | 5.173 | 6.002 | 418.8E6 | 207.3E6  | 52.838   | 54.675     |
| 9)                          | A Endosulfan I  | 5.511 | 6.362 | 382.2E6 | 179.2E6  | 52.172   | 52.783     |
| 10)                         | B gamma-Chl...  | 5.399 | 6.237 | 423.3E6 | 202.3E6  | 52.507   | 55.072     |
| 11)                         | B alpha-Chl...  | 5.456 | 6.311 | 410.9E6 | 195.8E6  | 51.752   | 54.444     |
| 12)                         | B 4,4'-DDE      | 5.623 | 6.464 | 384.6E6 | 197.2E6  | 55.554   | 54.412     |
| 13)                         | MA Dieldrin     | 5.753 | 6.620 | 413.1E6 | 193.9E6  | 53.138   | 53.484     |
| 14)                         | MA Endrin       | 6.010 | 6.840 | 358.3E6 | 148.6E6  | 49.754   | 47.611     |
| 15)                         | B Endosulfa...  | 6.285 | 7.049 | 342.6E6 | 165.7E6  | 51.502   | 54.719     |
| 16)                         | A 4,4'-DDD      | 6.138 | 6.957 | 320.4E6 | 156.1E6  | 56.491   | 53.226     |
| 17)                         | MA 4,4'-DDT     | 6.377 | 7.258 | 290.4E6 | 140.2E6  | 48.810   | 47.728     |
| 18)                         | B Endrin al...  | 6.453 | 7.173 | 279.8E6 | 134.9E6  | 50.780   | 53.767     |
| 19)                         | B Endosulfa...  | 6.666 | 7.397 | 344.7E6 | 159.0E6  | 51.457   | 52.890     |
| 20)                         | A Methoxychlor  | 6.924 | 7.715 | 155.8E6 | 66143332 | 46.430   | 43.852     |
| 21)                         | B Endrin ke...  | 7.156 | 7.872 | 379.0E6 | 159.5E6  | 52.422   | 52.179     |
| 23)                         | Chlordane-1     | 4.362 | 0.000 | 1646358 | 0        | 6.127    | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.613 | 0       | 222.8E6  | N.D.     | 1553.142 # |
| 25)                         | Chlordane-3     | 5.399 | 6.237 | 423.3E6 | 202.3E6  | 509.358  | 411.977    |
| 26)                         | Chlordane-4     | 5.456 | 6.311 | 410.9E6 | 195.8E6  | 543.409  | 343.066 #  |
| 27)                         | Chlordane-5     | 6.285 | 7.173 | 342.6E6 | 134.9E6  | 1428.352 | 1150.317   |
| -----                       |                 |       |       |         |          |          |            |

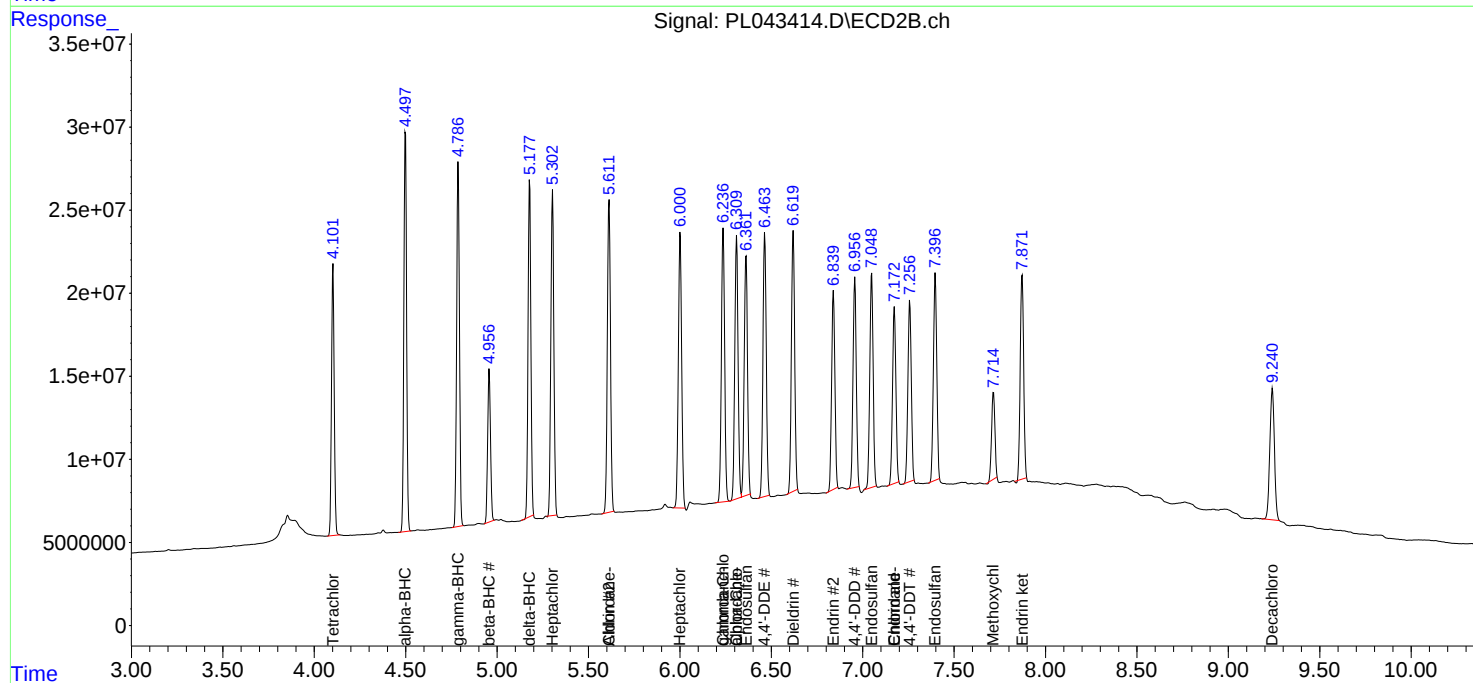
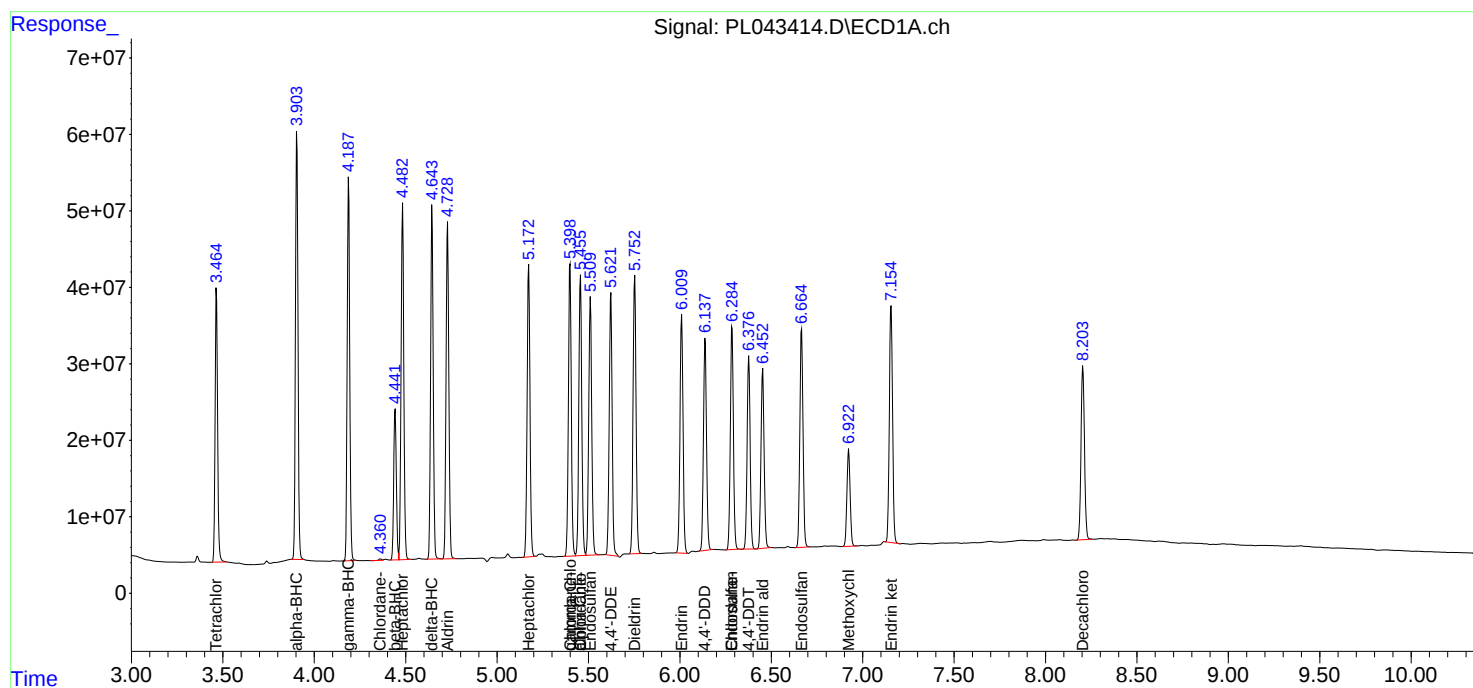
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

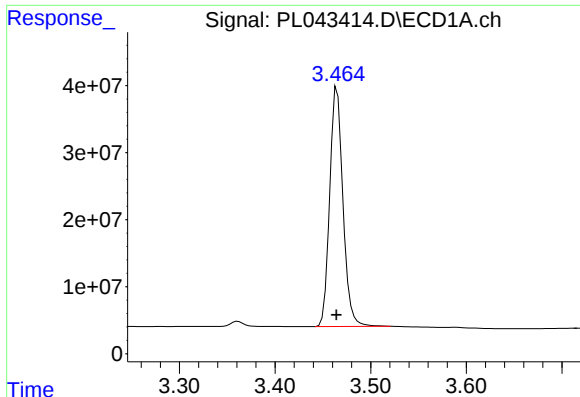
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122118\  
Data File : PL043414.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Dec 2018 05:17  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 22 05:45:43 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

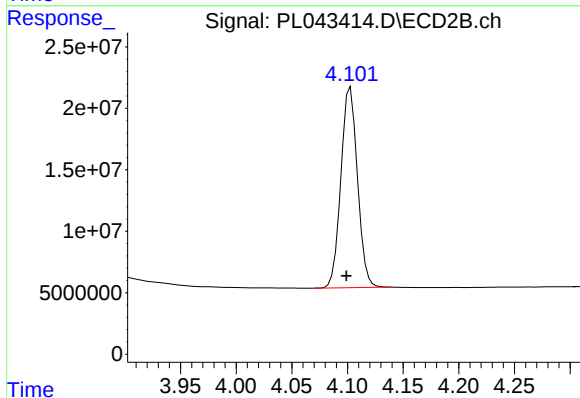




#1 Tetrachloro-m-xylene

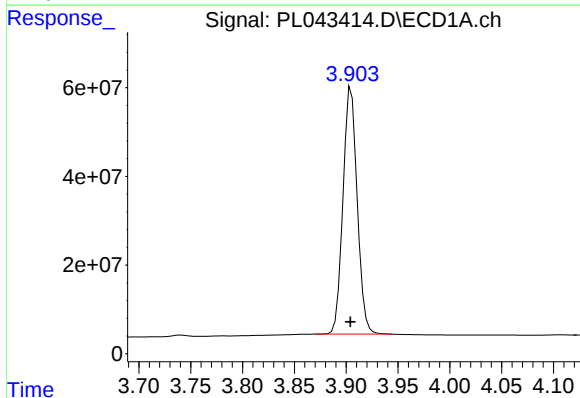
R.T.: 3.465 min  
Delta R.T.: 0.000 min  
Response: 342625527  
Conc: 55.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



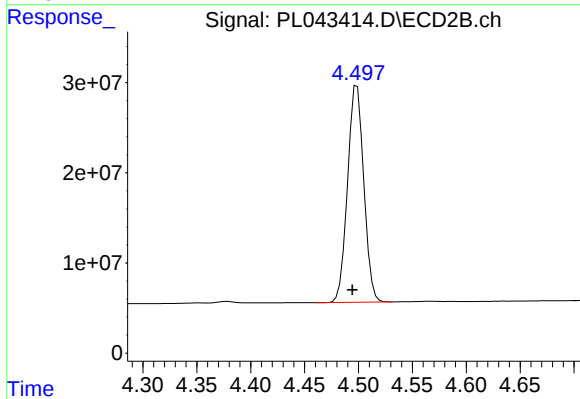
#1 Tetrachloro-m-xylene

R.T.: 4.103 min  
Delta R.T.: 0.004 min  
Response: 168951936  
Conc: 57.00 ng/ml



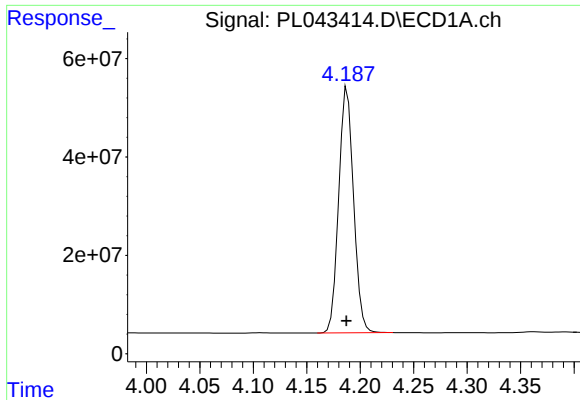
#2 alpha-BHC

R.T.: 3.905 min  
Delta R.T.: 0.000 min  
Response: 532377284  
Conc: 56.32 ng/ml



#2 alpha-BHC

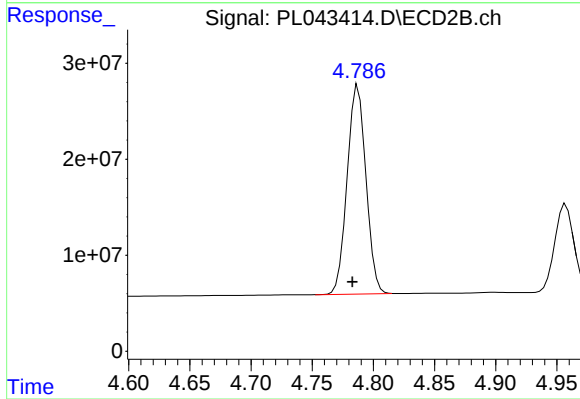
R.T.: 4.499 min  
Delta R.T.: 0.004 min  
Response: 251999031  
Conc: 55.71 ng/ml



#3 gamma-BHC (Lindane)

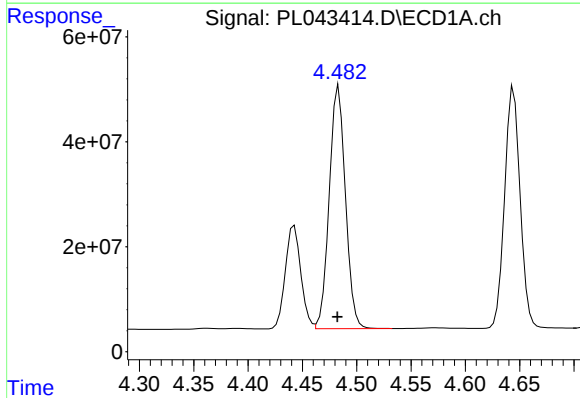
R.T.: 4.188 min  
Delta R.T.: 0.000 min  
Response: 483476357  
Conc: 55.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



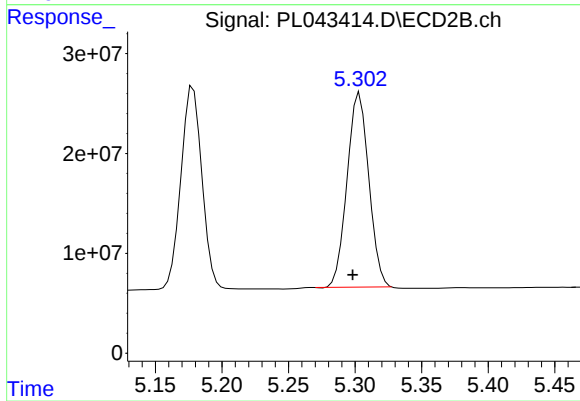
#3 gamma-BHC (Lindane)

R.T.: 4.788 min  
Delta R.T.: 0.005 min  
Response: 232830804  
Conc: 55.51 ng/ml



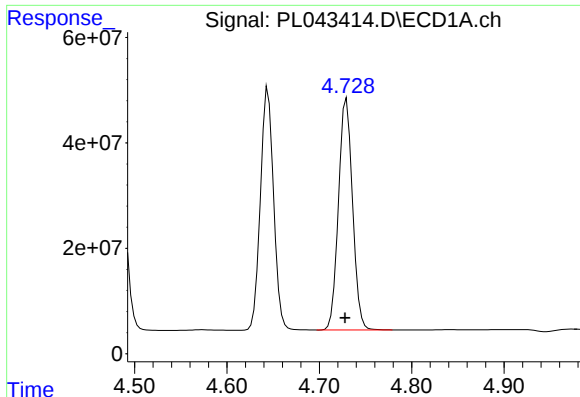
#4 Heptachlor

R.T.: 4.483 min  
Delta R.T.: 0.001 min  
Response: 479211394  
Conc: 54.01 ng/ml



#4 Heptachlor

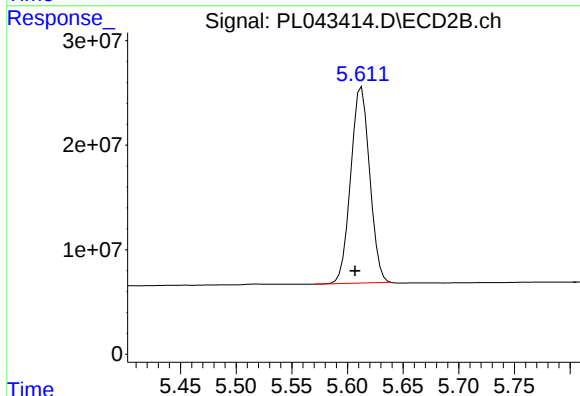
R.T.: 5.303 min  
Delta R.T.: 0.005 min  
Response: 221419228  
Conc: 54.05 ng/ml



#5 Aldrin

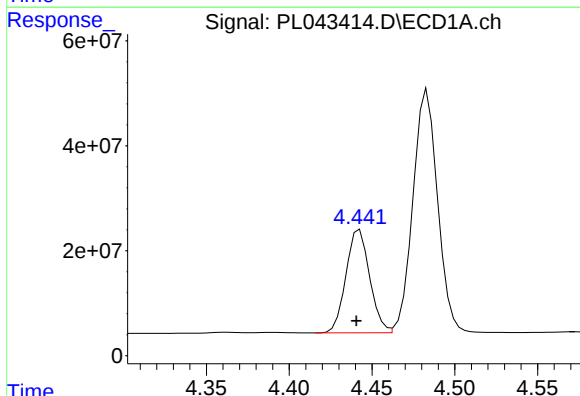
R.T.: 4.730 min  
Delta R.T.: 0.002 min  
Response: 464503176  
Conc: 54.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



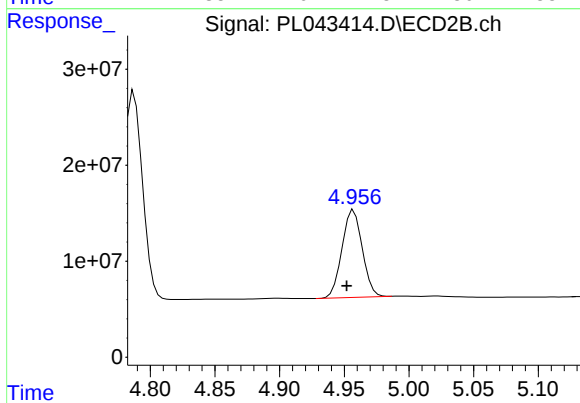
#5 Aldrin

R.T.: 5.613 min  
Delta R.T.: 0.006 min  
Response: 222785552  
Conc: 54.58 ng/ml



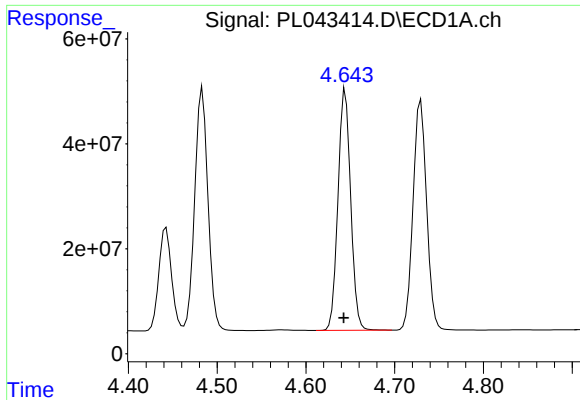
#6 beta-BHC

R.T.: 4.443 min  
Delta R.T.: 0.002 min  
Response: 196008054  
Conc: 53.14 ng/ml



#6 beta-BHC

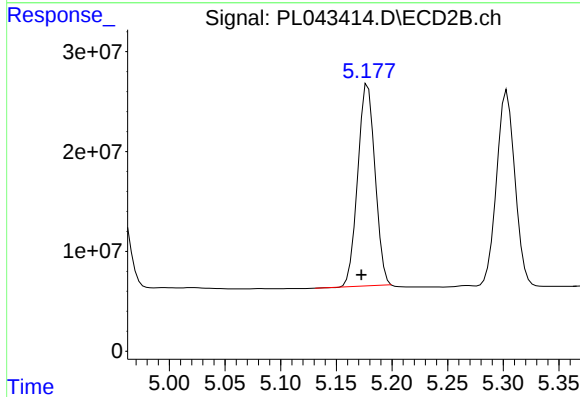
R.T.: 4.957 min  
Delta R.T.: 0.005 min  
Response: 99360046  
Conc: 58.69 ng/ml



#7 delta-BHC

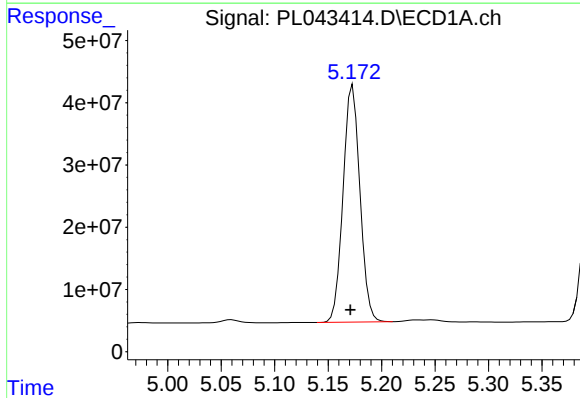
R.T.: 4.645 min  
Delta R.T.: 0.002 min  
Response: 456505398  
Conc: 56.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



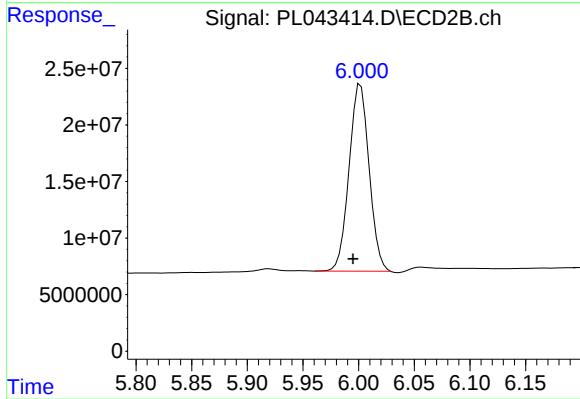
#7 delta-BHC

R.T.: 5.178 min  
Delta R.T.: 0.006 min  
Response: 218981231  
Conc: 50.95 ng/ml



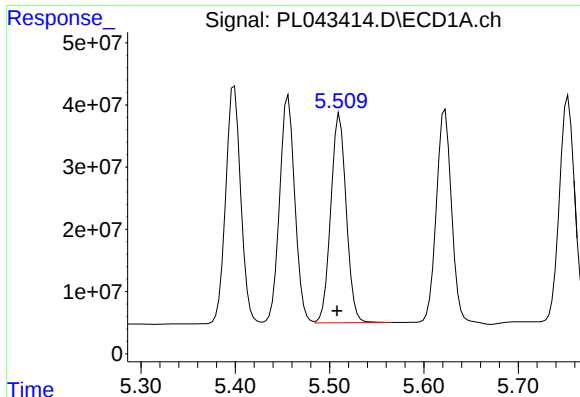
#8 Heptachlor epoxide

R.T.: 5.173 min  
Delta R.T.: 0.002 min  
Response: 418841616  
Conc: 52.84 ng/ml



#8 Heptachlor epoxide

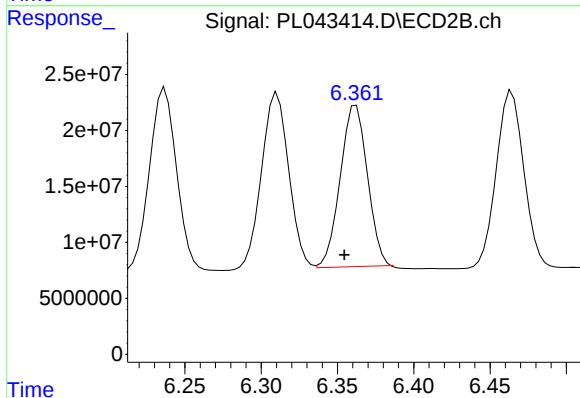
R.T.: 6.002 min  
Delta R.T.: 0.007 min  
Response: 207327115  
Conc: 54.67 ng/ml



#9 Endosulfan I

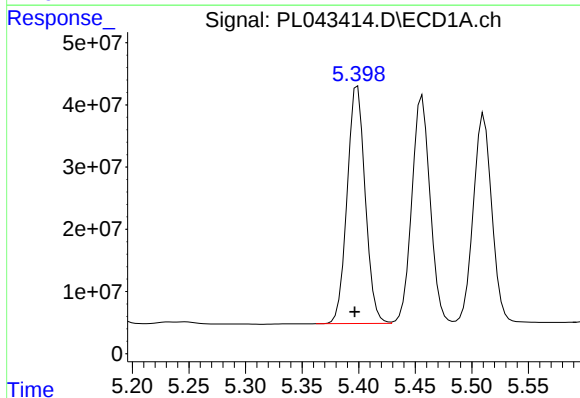
R.T.: 5.511 min  
Delta R.T.: 0.003 min  
Response: 382202405  
Conc: 52.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



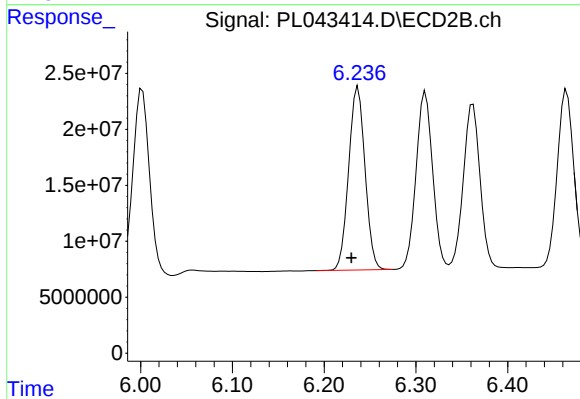
#9 Endosulfan I

R.T.: 6.362 min  
Delta R.T.: 0.008 min  
Response: 179216701  
Conc: 52.78 ng/ml



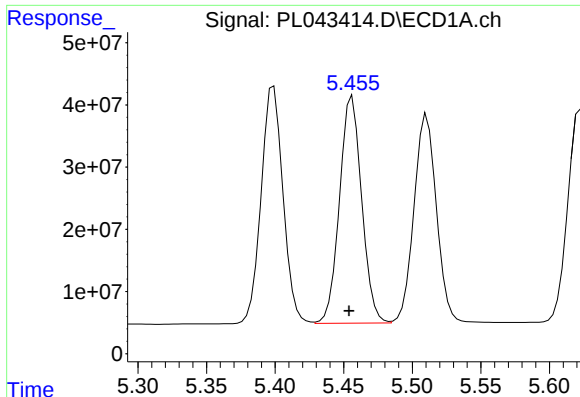
#10 gamma-Chlordane

R.T.: 5.399 min  
Delta R.T.: 0.003 min  
Response: 423297806  
Conc: 52.51 ng/ml



#10 gamma-Chlordane

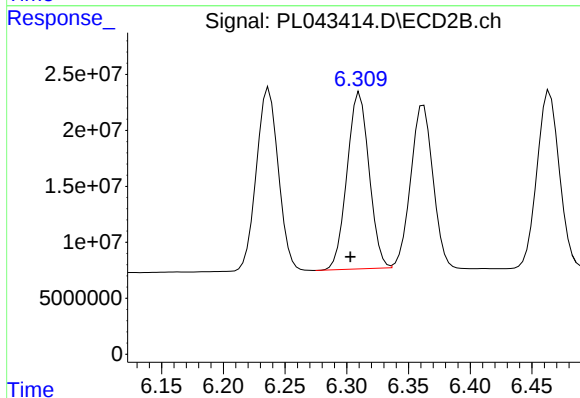
R.T.: 6.237 min  
Delta R.T.: 0.007 min  
Response: 202311064  
Conc: 55.07 ng/ml



#11 alpha-Chlordane

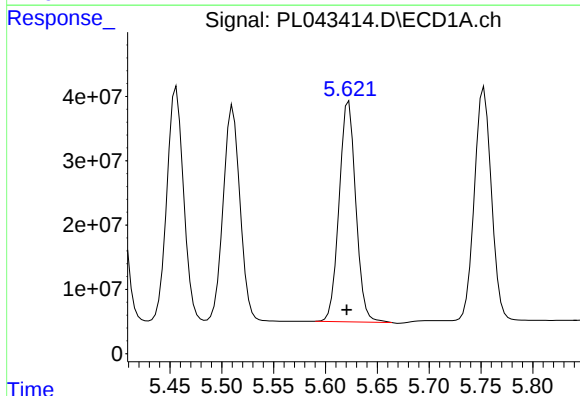
R.T.: 5.456 min  
Delta R.T.: 0.002 min  
Response: 410870441  
Conc: 51.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



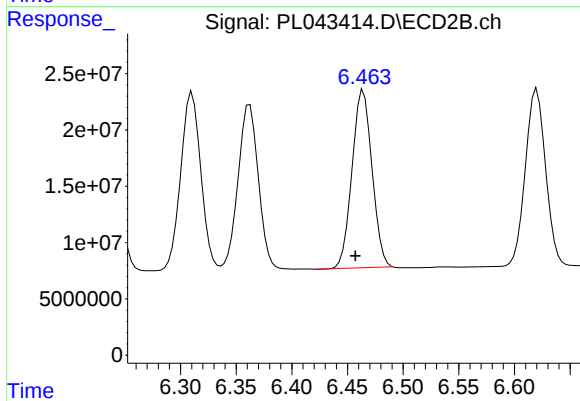
#11 alpha-Chlordane

R.T.: 6.311 min  
Delta R.T.: 0.008 min  
Response: 195804674  
Conc: 54.44 ng/ml



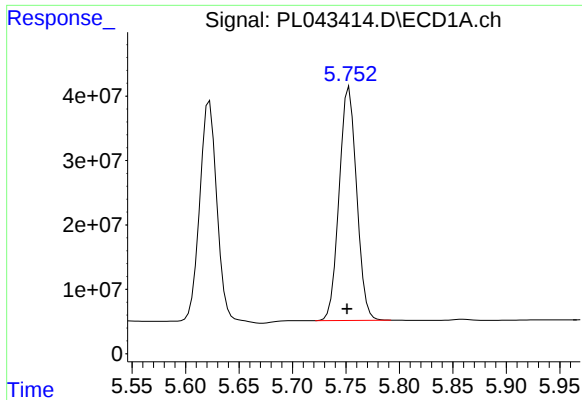
#12 4,4'-DDE

R.T.: 5.623 min  
Delta R.T.: 0.002 min  
Response: 384600482  
Conc: 55.55 ng/ml



#12 4,4'-DDE

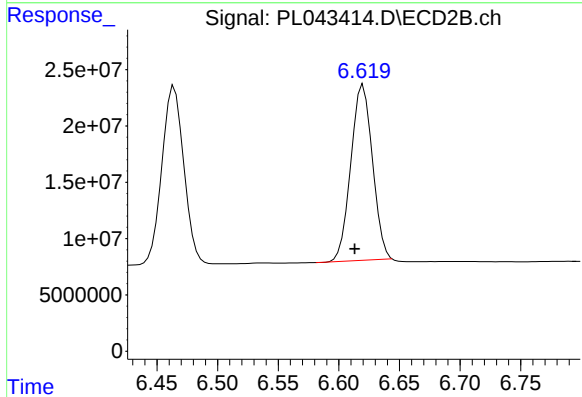
R.T.: 6.464 min  
Delta R.T.: 0.007 min  
Response: 197175816  
Conc: 54.41 ng/ml



#13 Dieldrin

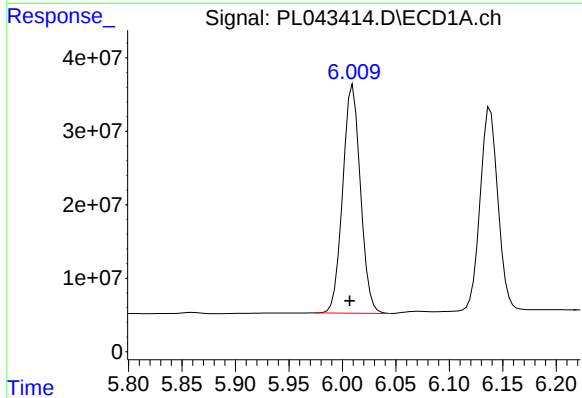
R.T.: 5.753 min  
Delta R.T.: 0.002 min  
Response: 413136329  
Conc: 53.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



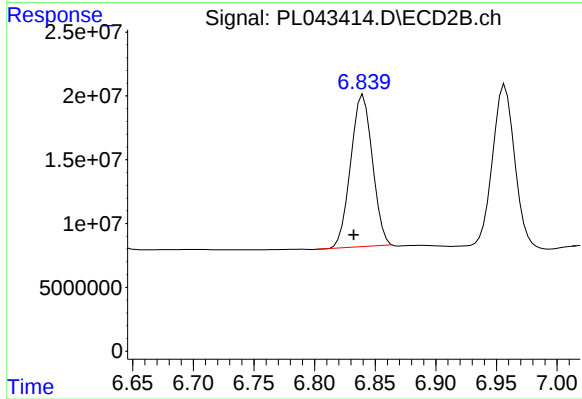
#13 Dieldrin

R.T.: 6.620 min  
Delta R.T.: 0.007 min  
Response: 193917141  
Conc: 53.48 ng/ml



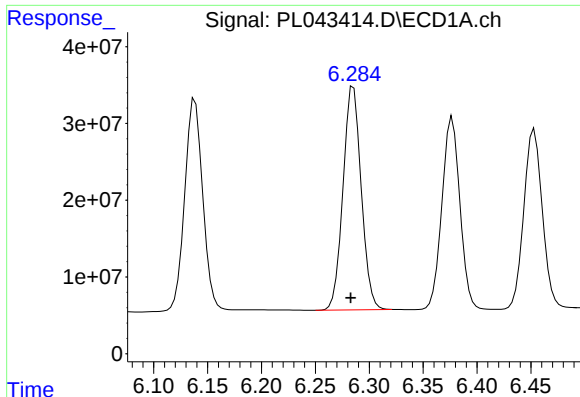
#14 Endrin

R.T.: 6.010 min  
Delta R.T.: 0.003 min  
Response: 358256893  
Conc: 49.75 ng/ml



#14 Endrin

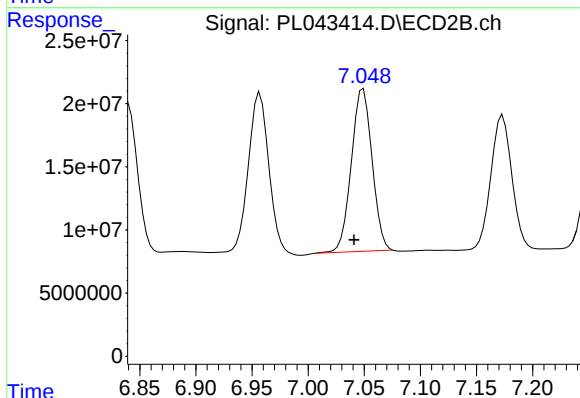
R.T.: 6.840 min  
Delta R.T.: 0.008 min  
Response: 148639923  
Conc: 47.61 ng/ml



#15 Endosulfan II

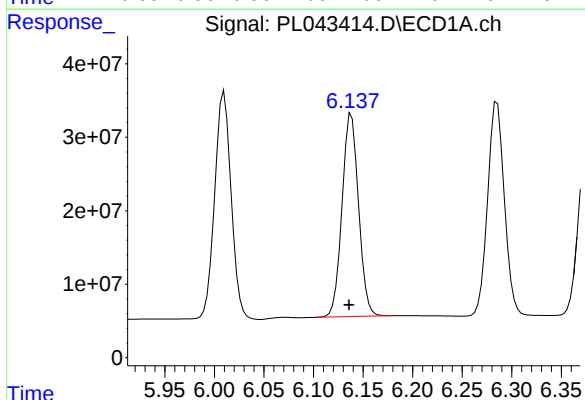
R.T.: 6.285 min  
Delta R.T.: 0.003 min  
Response: 342597238  
Conc: 51.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



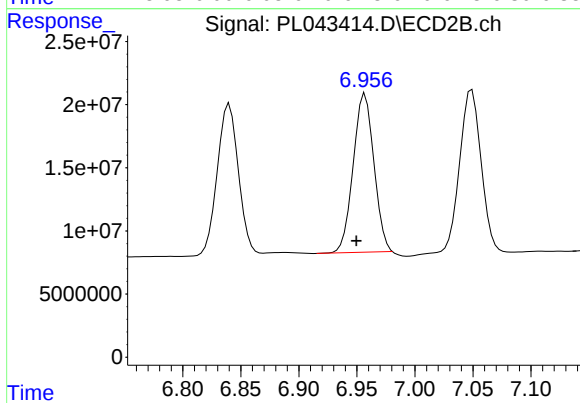
#15 Endosulfan II

R.T.: 7.049 min  
Delta R.T.: 0.008 min  
Response: 165682743  
Conc: 54.72 ng/ml



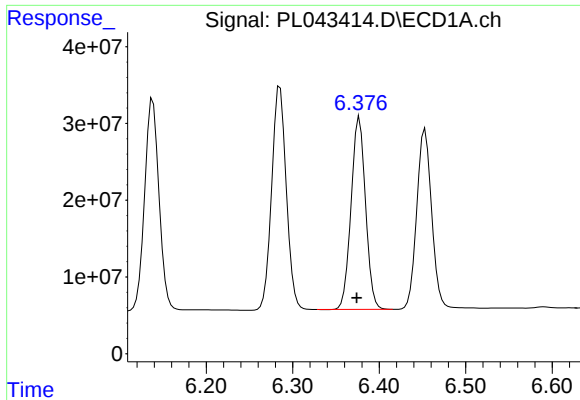
#16 4,4'-DDD

R.T.: 6.138 min  
Delta R.T.: 0.002 min  
Response: 320366573  
Conc: 56.49 ng/ml



#16 4,4'-DDD

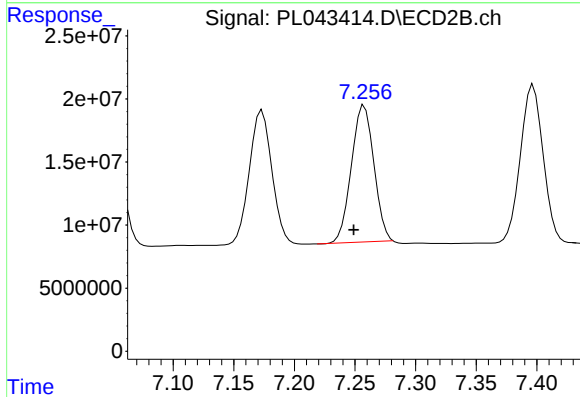
R.T.: 6.957 min  
Delta R.T.: 0.008 min  
Response: 156088041  
Conc: 53.23 ng/ml



#17 4,4'-DDT

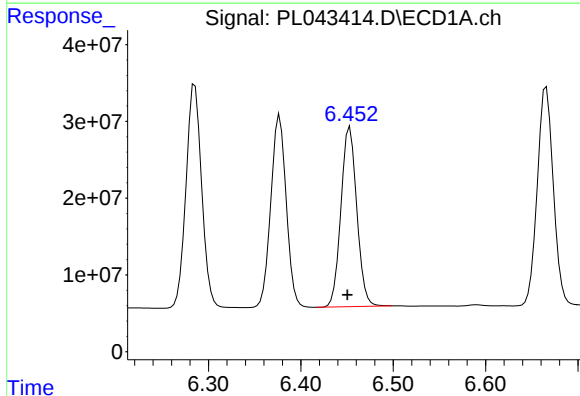
R.T.: 6.377 min  
Delta R.T.: 0.003 min  
Response: 290366998  
Conc: 48.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



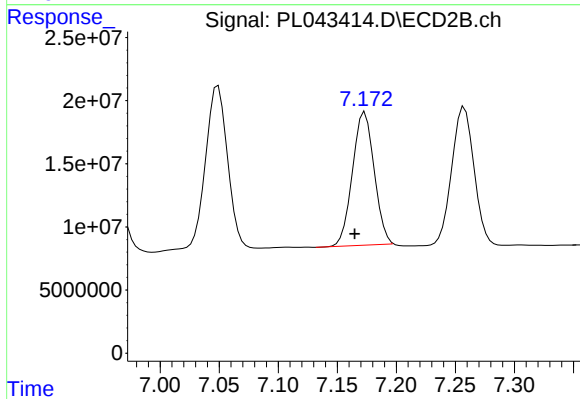
#17 4,4'-DDT

R.T.: 7.258 min  
Delta R.T.: 0.009 min  
Response: 140178944  
Conc: 47.73 ng/ml



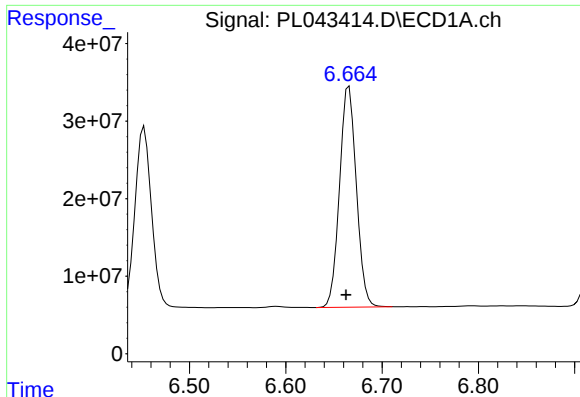
#18 Endrin aldehyde

R.T.: 6.453 min  
Delta R.T.: 0.003 min  
Response: 279830726  
Conc: 50.78 ng/ml



#18 Endrin aldehyde

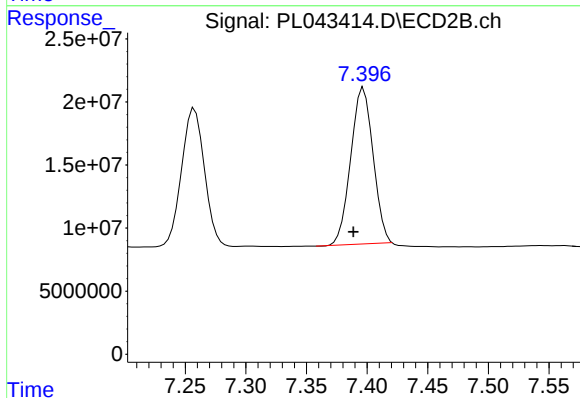
R.T.: 7.173 min  
Delta R.T.: 0.009 min  
Response: 134862133  
Conc: 53.77 ng/ml



#19 Endosulfan Sulfate

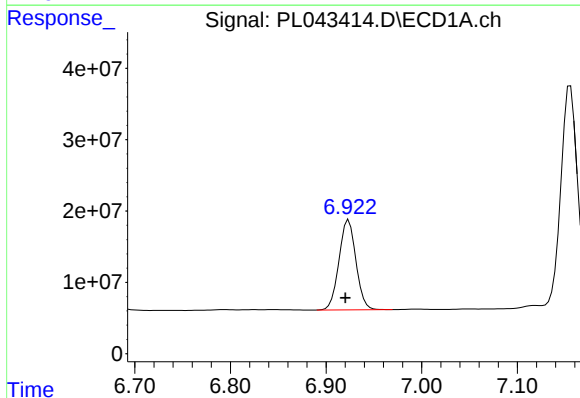
R.T.: 6.666 min  
Delta R.T.: 0.003 min  
Response: 344697517  
Conc: 51.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



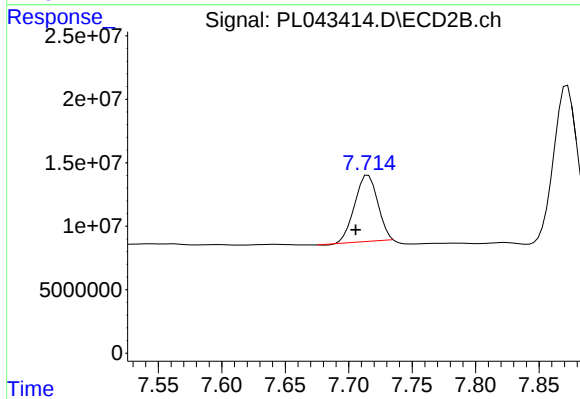
#19 Endosulfan Sulfate

R.T.: 7.397 min  
Delta R.T.: 0.008 min  
Response: 159017307  
Conc: 52.89 ng/ml



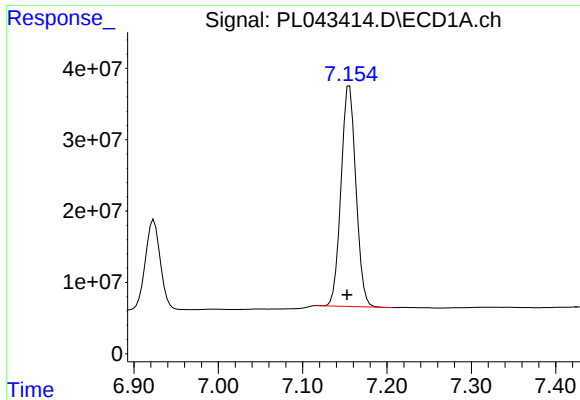
#20 Methoxychlor

R.T.: 6.924 min  
Delta R.T.: 0.003 min  
Response: 155792829  
Conc: 46.43 ng/ml



#20 Methoxychlor

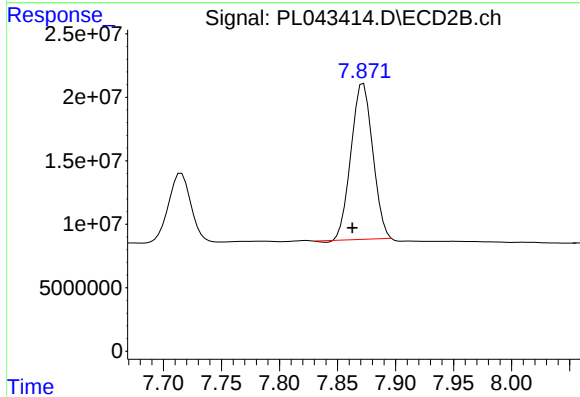
R.T.: 7.715 min  
Delta R.T.: 0.010 min  
Response: 66143332  
Conc: 43.85 ng/ml



#21 Endrin ketone

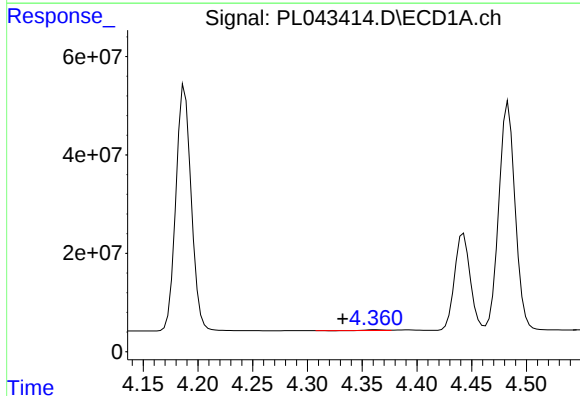
R.T.: 7.156 min  
Delta R.T.: 0.003 min  
Response: 379047982  
Conc: 52.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



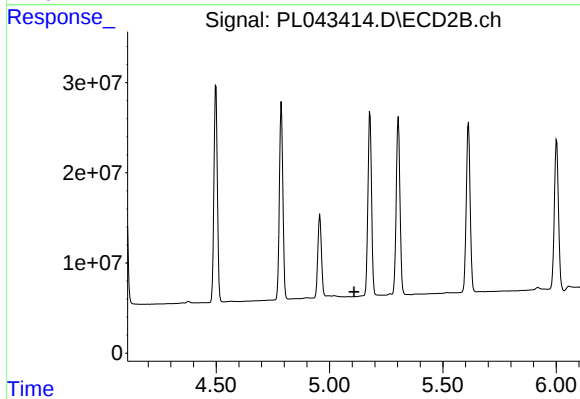
#21 Endrin ketone

R.T.: 7.872 min  
Delta R.T.: 0.009 min  
Response: 159490983  
Conc: 52.18 ng/ml



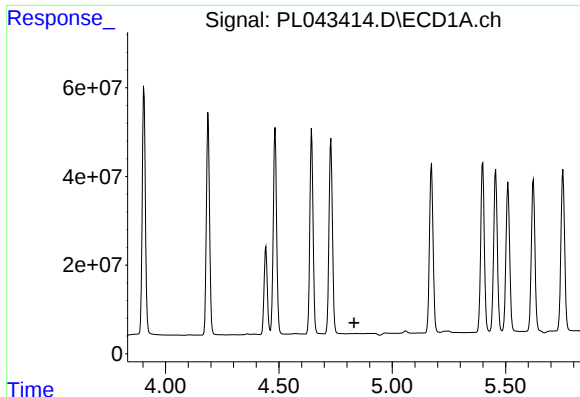
#23 Chlordane-1

R.T.: 4.362 min  
Delta R.T.: 0.029 min  
Response: 1646358  
Conc: 6.13 ng/ml



#23 Chlordane-1

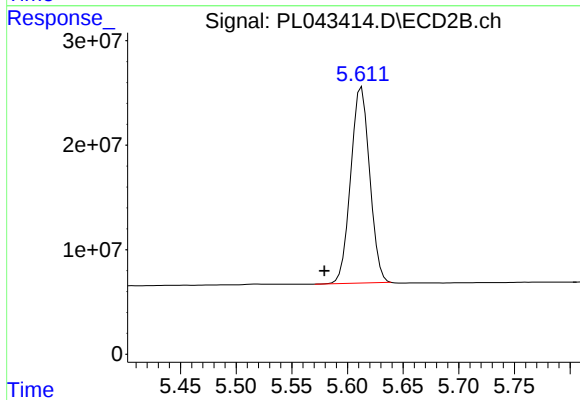
R.T.: 0.000 min  
Exp R.T. : 5.108 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

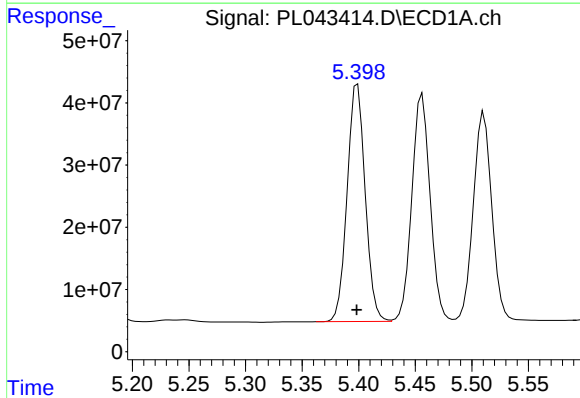
R.T.: 0.000 min  
Exp R.T.: 4.832 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



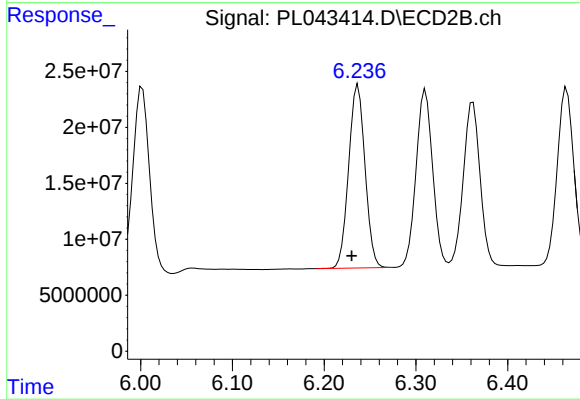
#24 Chlordane-2

R.T.: 5.613 min  
Delta R.T.: 0.034 min  
Response: 222785552  
Conc: 1553.14 ng/ml



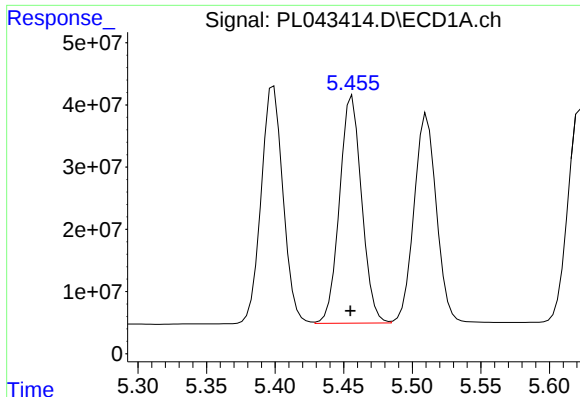
#25 Chlordane-3

R.T.: 5.399 min  
Delta R.T.: 0.000 min  
Response: 423297806  
Conc: 509.36 ng/ml



#25 Chlordane-3

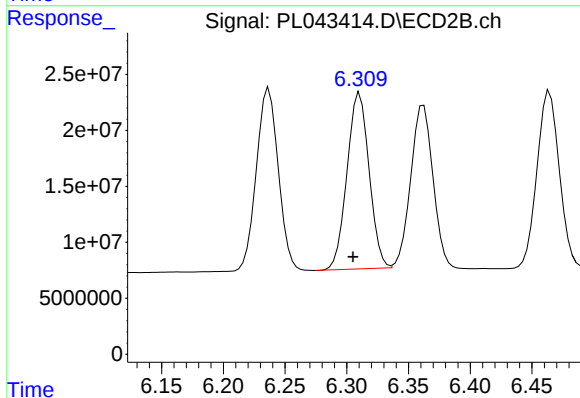
R.T.: 6.237 min  
Delta R.T.: 0.007 min  
Response: 202311064  
Conc: 411.98 ng/ml



#26 Chlordane-4

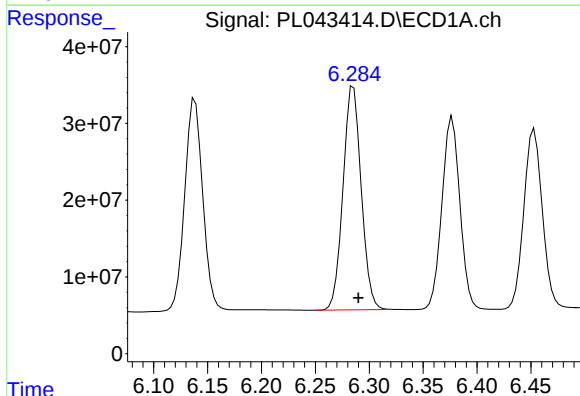
R.T.: 5.456 min  
Delta R.T.: 0.001 min  
Response: 410870441  
Conc: 543.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



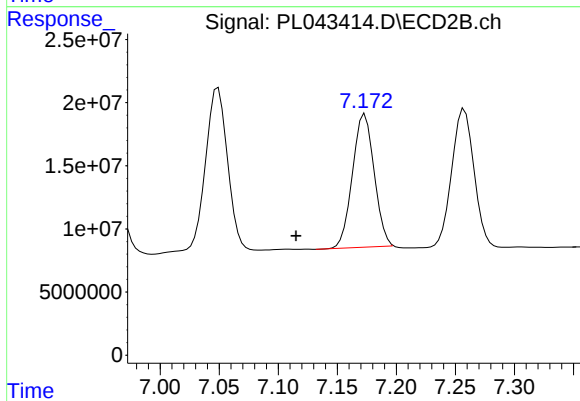
#26 Chlordane-4

R.T.: 6.311 min  
Delta R.T.: 0.006 min  
Response: 195804674  
Conc: 343.07 ng/ml



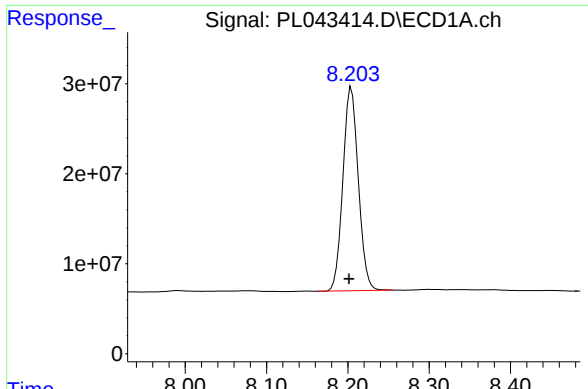
#27 Chlordane-5

R.T.: 6.285 min  
Delta R.T.: -0.005 min  
Response: 342597238  
Conc: 1428.35 ng/ml



#27 Chlordane-5

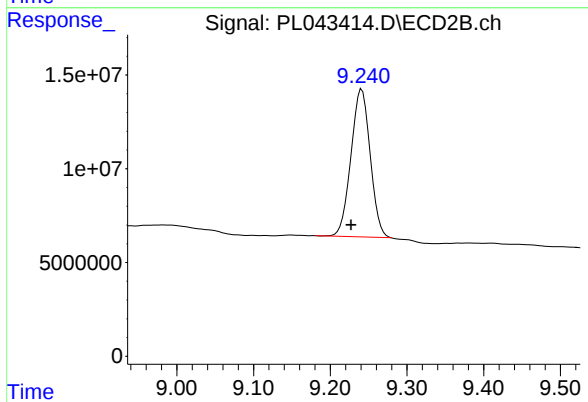
R.T.: 7.173 min  
Delta R.T.: 0.058 min  
Response: 134862133  
Conc: 1150.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.204 min  
Delta R.T.: 0.003 min  
Response: 297099655  
Conc: 45.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.241 min  
Delta R.T.: 0.014 min  
Response: 137972361  
Conc: 52.89 ng/ml