

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062419\  
 Data File : PL049788.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jun 2019 10:20  
 Operator : SM\AJ  
 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: Jun 25 01:02:29 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jun 21 02:23:20 2019  
 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... | 3.323 | 3.934  | 595.9E6  | 155.2E6  | 52.839   | 50.680     |
| 28)                         | SA Decachlor... | 7.988 | 8.969  | 578.4E6  | 156.2E6  | 45.521   | 46.524     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.751 | 4.322  | 1000.7E6 | 224.8E6  | 53.262   | 50.220     |
| 3)                          | MA gamma-BHC... | 4.027 | 4.605  | 925.3E6  | 208.2E6  | 52.185   | 50.199     |
| 4)                          | MA Heptachlor   | 4.311 | 5.109  | 962.1E6  | 218.7E6  | 52.928   | 50.538     |
| 5)                          | MB Aldrin       | 4.549 | 5.411  | 910.9E6  | 197.8E6  | 52.749   | 50.497     |
| 6)                          | B beta-BHC      | 4.280 | 4.781  | 380.9E6  | 94370003 | 52.078   | 48.719     |
| 7)                          | B delta-BHC     | 4.474 | 4.995  | 946.7E6  | 198.7E6  | 52.937   | 50.445     |
| 8)                          | B Heptachlor... | 4.986 | 5.798  | 814.9E6  | 182.5E6  | 50.623   | 50.201     |
| 9)                          | A Endosulfan I  | 5.316 | 6.153  | 796.9E6  | 165.8E6  | 51.505   | 48.789     |
| 10)                         | B gamma-Chl...  | 5.208 | 6.032  | 877.7E6  | 184.8E6  | 51.361   | 49.589     |
| 11)                         | B alpha-Chl...  | 5.264 | 6.103  | 852.1E6  | 181.7E6  | 51.336   | 49.117     |
| 12)                         | B 4,4'-DDE      | 5.432 | 6.263  | 848.8E6  | 173.5E6  | 50.953   | 49.997     |
| 13)                         | MA Dieldrin     | 5.556 | 6.409  | 859.8E6  | 175.0E6  | 51.615   | 49.323     |
| 14)                         | MA Endrin       | 5.808 | 6.627  | 802.2E6  | 151.2E6  | 50.091   | 47.895     |
| 15)                         | B Endosulfa...  | 6.083 | 6.838  | 738.9E6  | 151.1E6  | 50.708   | 46.917     |
| 16)                         | A 4,4'-DDD      | 5.943 | 6.754  | 676.7E6  | 130.0E6  | 53.606   | 49.734     |
| 17)                         | MA 4,4'-DDT     | 6.177 | 7.051  | 659.7E6  | 136.7E6  | 49.689   | 46.673     |
| 18)                         | B Endrin al...  | 6.251 | 6.963  | 589.7E6  | 130.5E6  | 49.926   | 47.503     |
| 19)                         | B Endosulfa...  | 6.461 | 7.185  | 639.6E6  | 144.1E6  | 49.328   | 47.869     |
| 20)                         | A Methoxychlor  | 6.722 | 7.512  | 306.1E6  | 76463987 | 46.959   | 45.875     |
| 21)                         | B Endrin ke...  | 6.943 | 7.653  | 664.5E6  | 148.1E6  | 47.278   | 47.510     |
| 22)                         | Mirex           | 7.117 | 8.103  | 461.8E6  | 116.6E6  | 44.672   | 46.097     |
| 24)                         | Chlordane-2     | 0.000 | 5.411f | 0        | 197.8E6  | N.D.     | 1273.336 # |
| 25)                         | Chlordane-3     | 5.208 | 6.032  | 877.7E6  | 184.8E6  | 467.302  | 371.348    |
| 26)                         | Chlordane-4     | 5.264 | 6.103  | 852.1E6  | 181.7E6  | 488.282  | 305.639 #  |
| 27)                         | Chlordane-5     | 6.083 | 0.000  | 738.9E6  | 0        | 1316.586 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

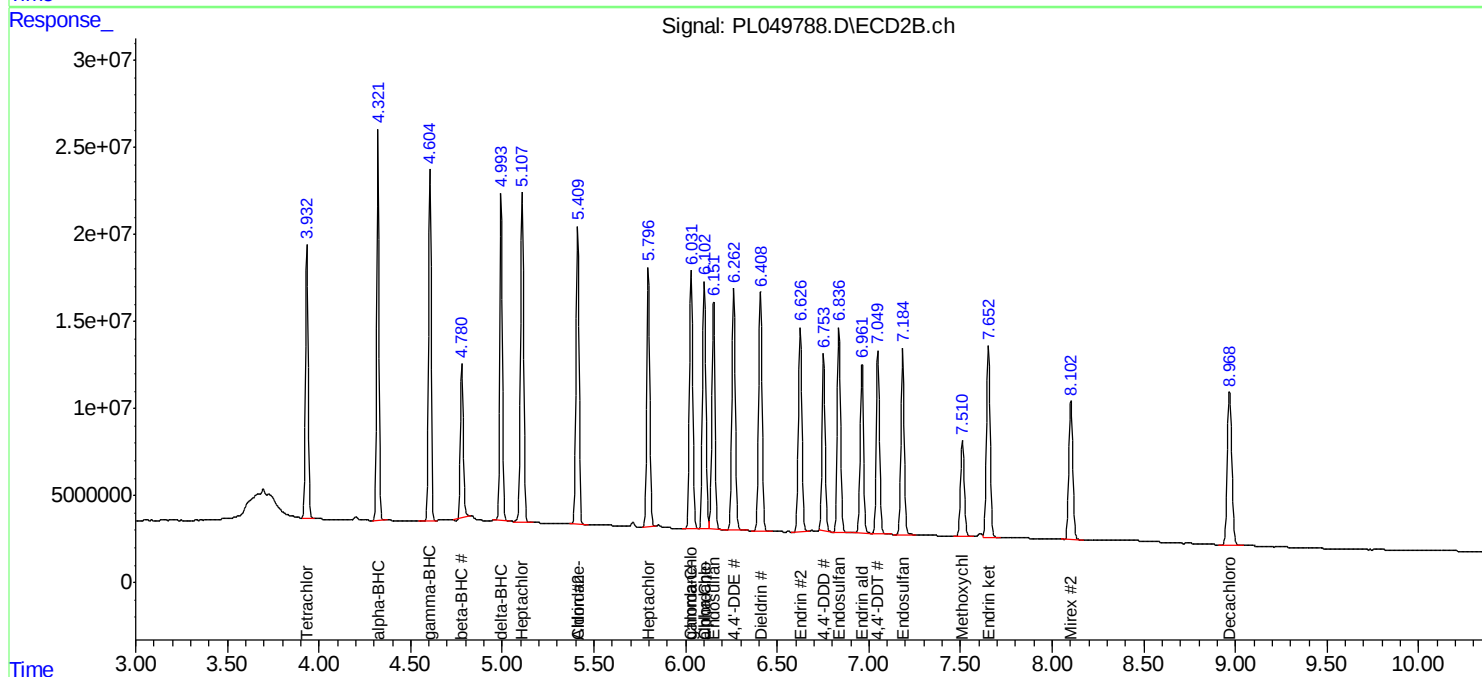
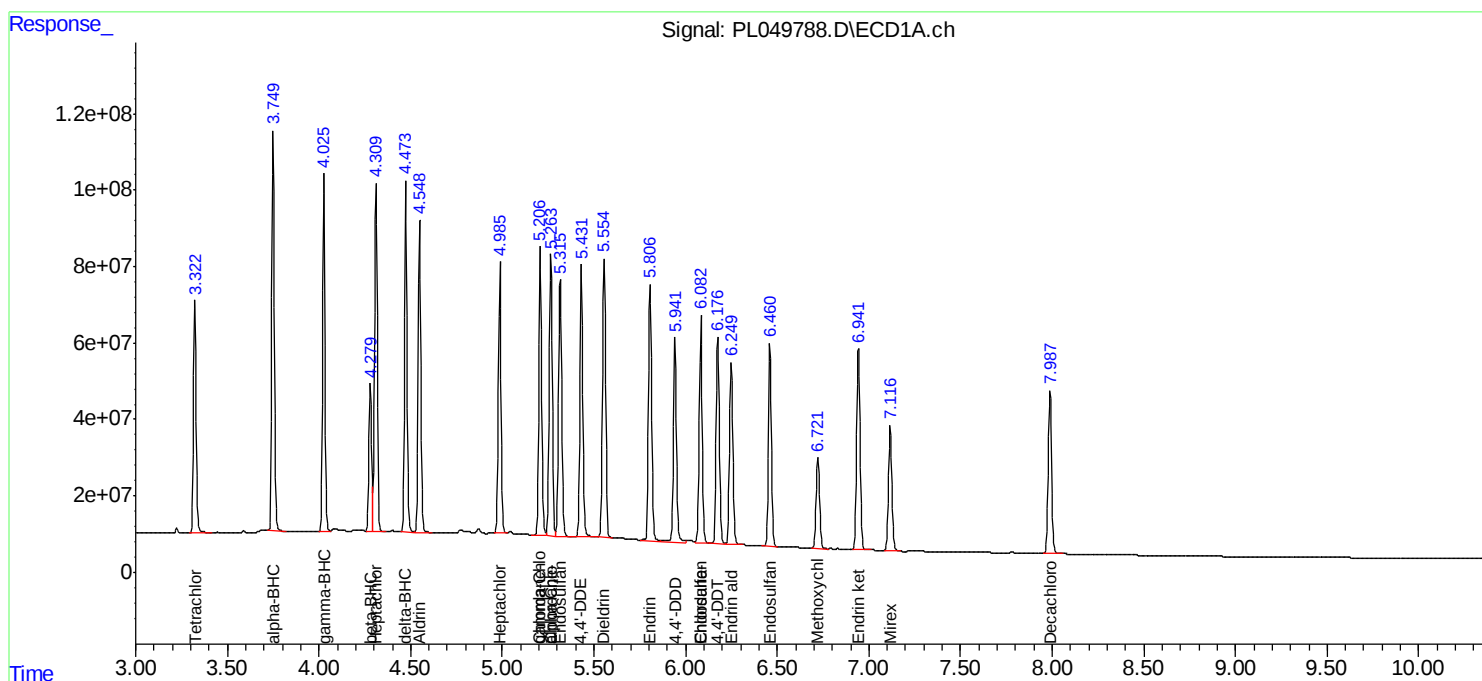
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

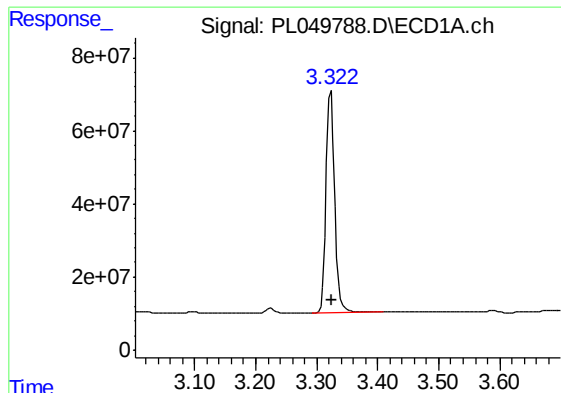
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062419\  
Data File : PL049788.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Jun 2019 10:20  
Operator : SM\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 25 01:02:29 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL062019.M  
Quant Title : GC Extractables  
QLast Update : Fri Jun 21 02:23:20 2019  
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

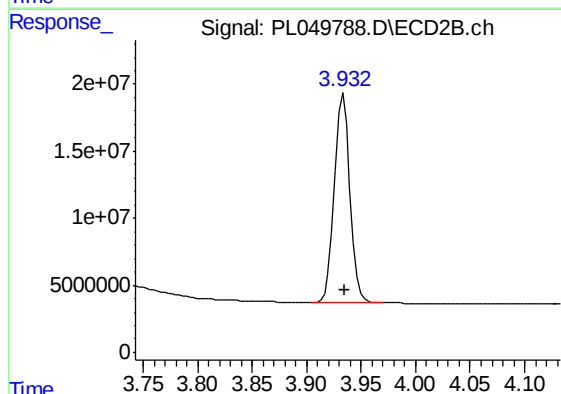




#1 Tetrachloro-m-xylene

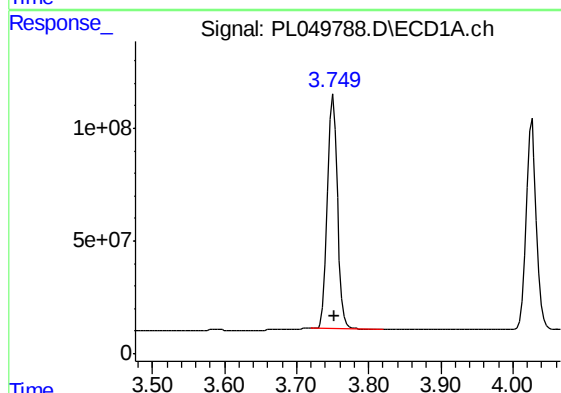
R.T.: 3.323 min  
Delta R.T.: 0.000 min  
Response: 595903622  
Conc: 52.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



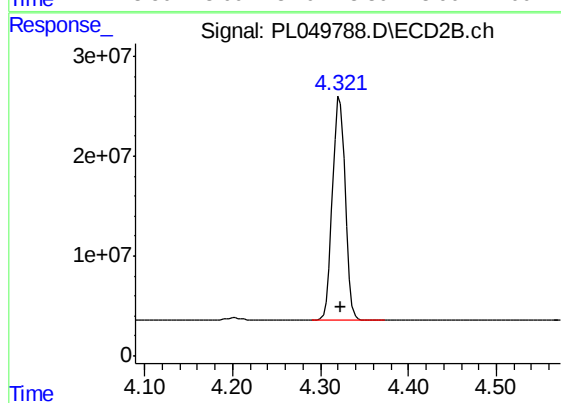
#1 Tetrachloro-m-xylene

R.T.: 3.934 min  
Delta R.T.: -0.001 min  
Response: 155170815  
Conc: 50.68 ng/ml



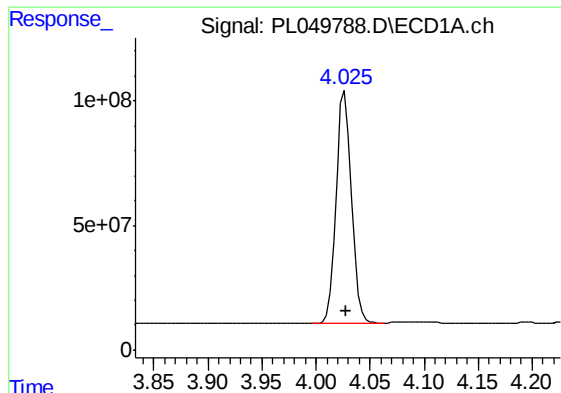
#2 alpha-BHC

R.T.: 3.751 min  
Delta R.T.: -0.001 min  
Response: 1000651804  
Conc: 53.26 ng/ml



#2 alpha-BHC

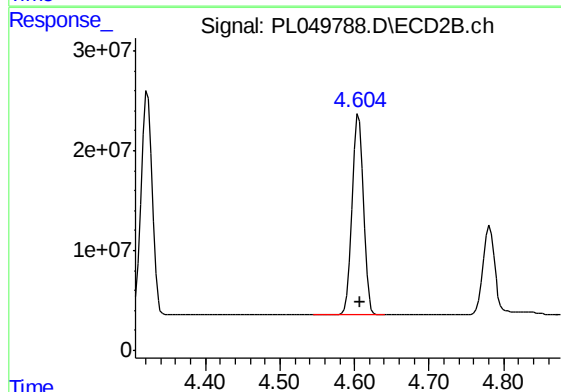
R.T.: 4.322 min  
Delta R.T.: -0.002 min  
Response: 224813948  
Conc: 50.22 ng/ml



#3 gamma-BHC (Lindane)

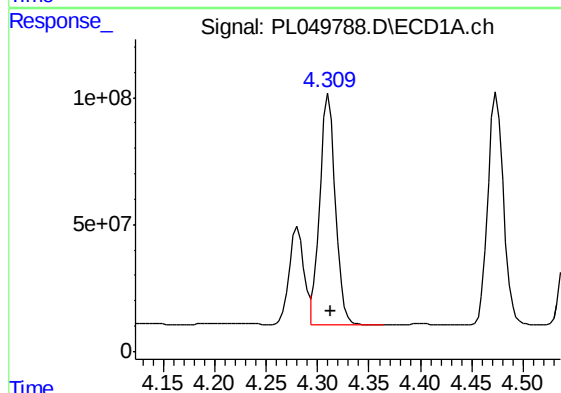
R.T.: 4.027 min  
Delta R.T.: 0.000 min  
Response: 925261776  
Conc: 52.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



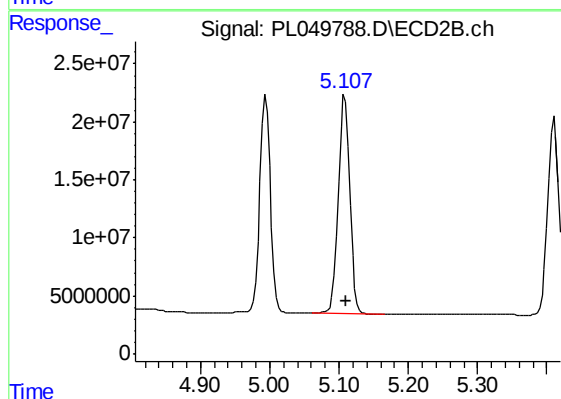
#3 gamma-BHC (Lindane)

R.T.: 4.605 min  
Delta R.T.: -0.002 min  
Response: 208216075  
Conc: 50.20 ng/ml



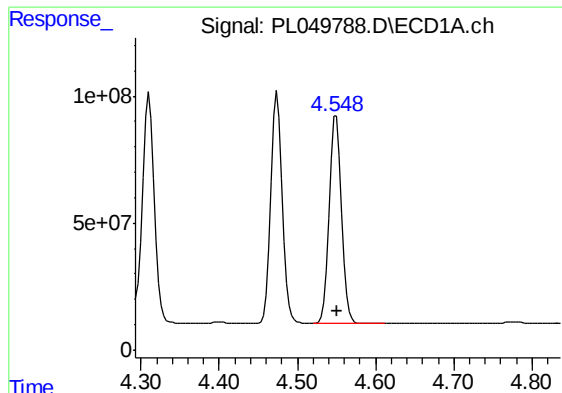
#4 Heptachlor

R.T.: 4.311 min  
Delta R.T.: -0.001 min  
Response: 962077873  
Conc: 52.93 ng/ml



#4 Heptachlor

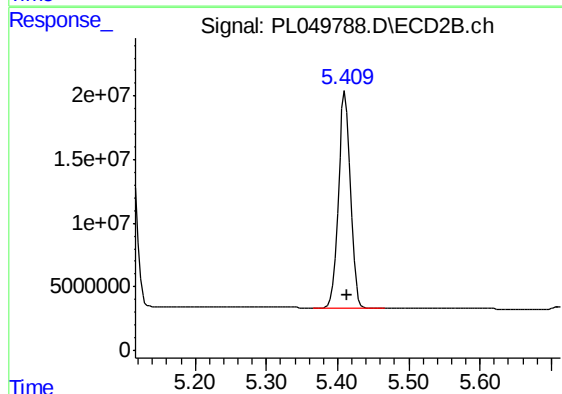
R.T.: 5.109 min  
Delta R.T.: -0.002 min  
Response: 218748538  
Conc: 50.54 ng/ml



#5 Aldrin

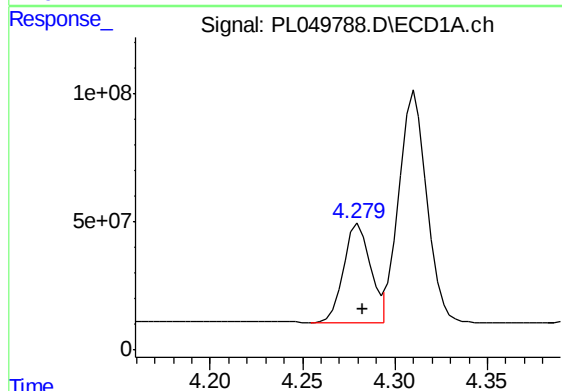
R.T.: 4.549 min  
Delta R.T.: -0.002 min  
Response: 910867073  
Conc: 52.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



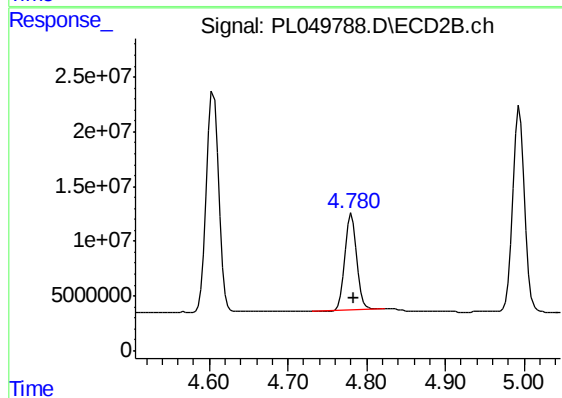
#5 Aldrin

R.T.: 5.411 min  
Delta R.T.: -0.002 min  
Response: 197800362  
Conc: 50.50 ng/ml



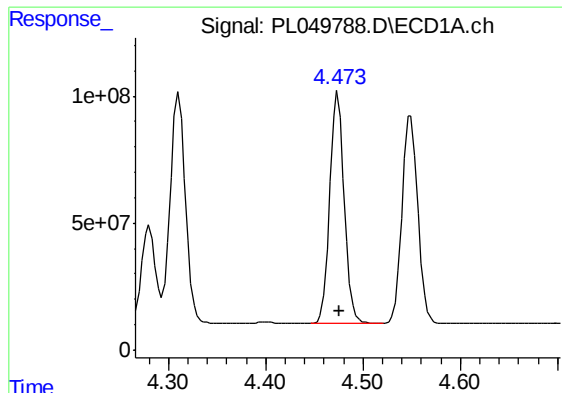
#6 beta-BHC

R.T.: 4.280 min  
Delta R.T.: -0.002 min  
Response: 380939961  
Conc: 52.08 ng/ml



#6 beta-BHC

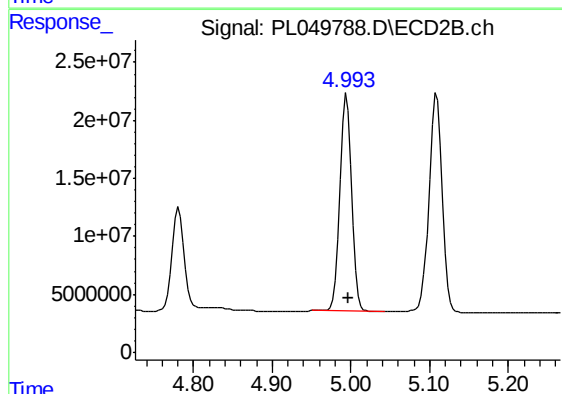
R.T.: 4.781 min  
Delta R.T.: -0.002 min  
Response: 94370003  
Conc: 48.72 ng/ml



#7 delta-BHC

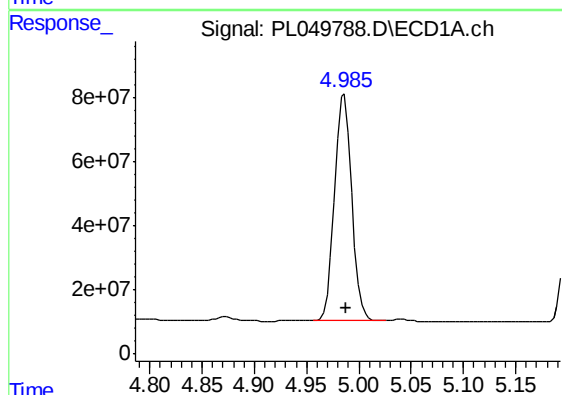
R.T.: 4.474 min  
Delta R.T.: -0.002 min  
Response: 946710471  
Conc: 52.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



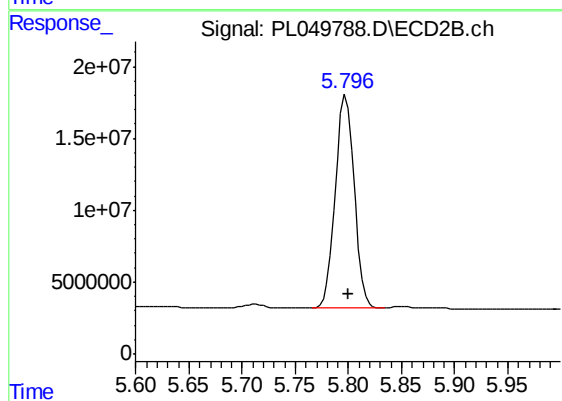
#7 delta-BHC

R.T.: 4.995 min  
Delta R.T.: -0.002 min  
Response: 198695090  
Conc: 50.44 ng/ml



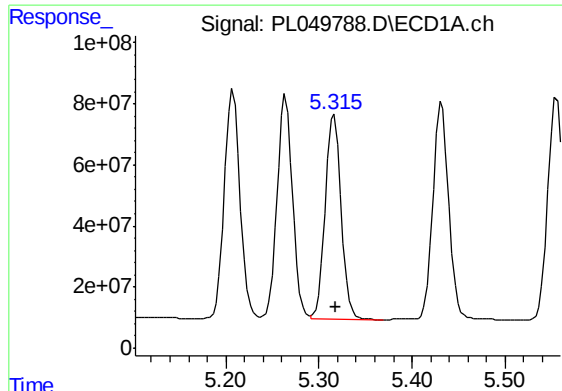
#8 Heptachlor epoxide

R.T.: 4.986 min  
Delta R.T.: -0.002 min  
Response: 814895839  
Conc: 50.62 ng/ml



#8 Heptachlor epoxide

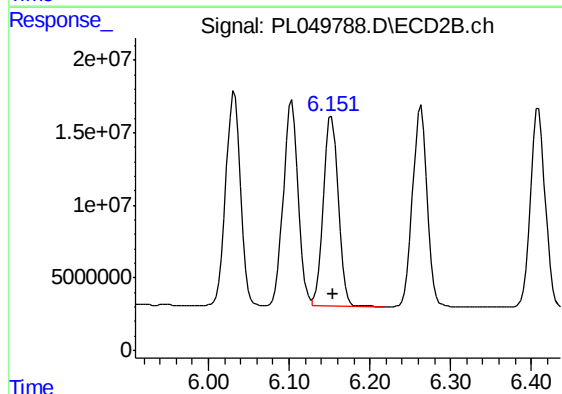
R.T.: 5.798 min  
Delta R.T.: -0.002 min  
Response: 182519098  
Conc: 50.20 ng/ml



#9 Endosulfan I

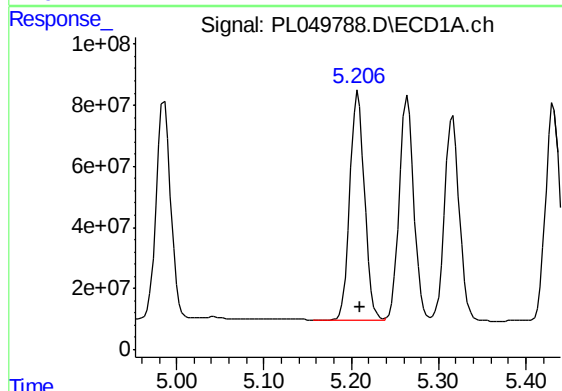
R.T.: 5.316 min  
Delta R.T.: -0.002 min  
Response: 796908162  
Conc: 51.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



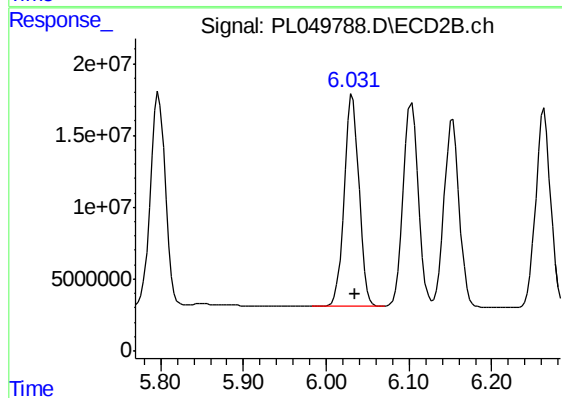
#9 Endosulfan I

R.T.: 6.153 min  
Delta R.T.: -0.002 min  
Response: 165754963  
Conc: 48.79 ng/ml



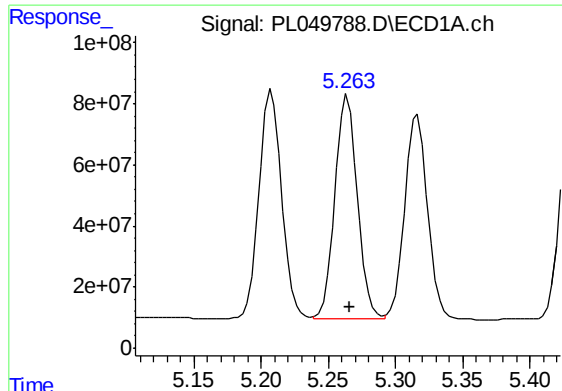
#10 gamma-Chlordane

R.T.: 5.208 min  
Delta R.T.: -0.003 min  
Response: 877694725  
Conc: 51.36 ng/ml



#10 gamma-Chlordane

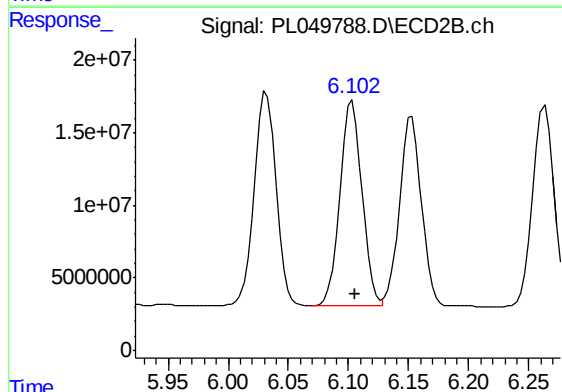
R.T.: 6.032 min  
Delta R.T.: -0.002 min  
Response: 184792196  
Conc: 49.59 ng/ml



#11 alpha-Chlordane

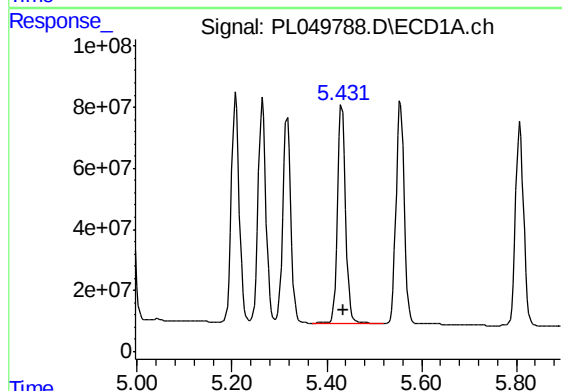
R.T.: 5.264 min  
Delta R.T.: -0.002 min  
Response: 852121178  
Conc: 51.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



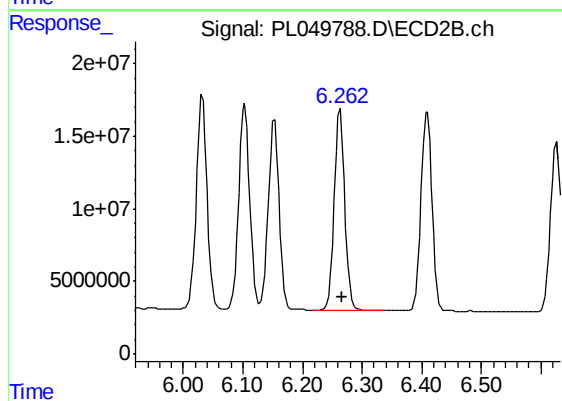
#11 alpha-Chlordane

R.T.: 6.103 min  
Delta R.T.: -0.002 min  
Response: 181654156  
Conc: 49.12 ng/ml



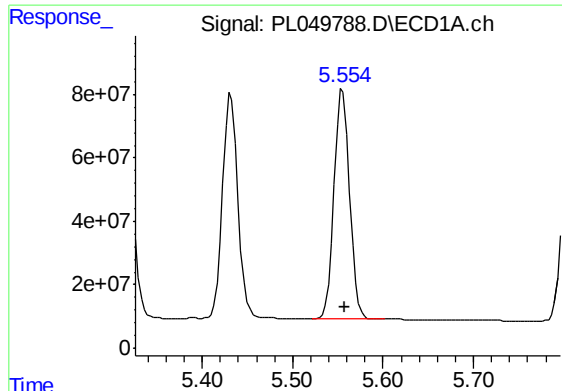
#12 4,4'-DDE

R.T.: 5.432 min  
Delta R.T.: -0.002 min  
Response: 848831418  
Conc: 50.95 ng/ml



#12 4,4'-DDE

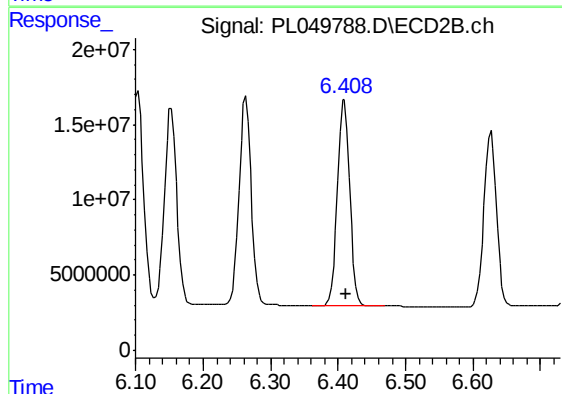
R.T.: 6.263 min  
Delta R.T.: -0.002 min  
Response: 173494395  
Conc: 50.00 ng/ml



#13 Dieldrin

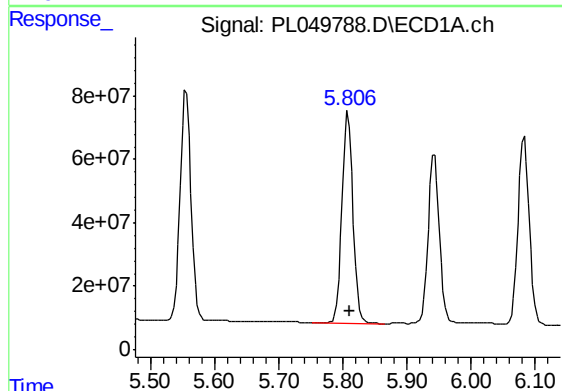
R.T.: 5.556 min  
Delta R.T.: -0.002 min  
Response: 859799068  
Conc: 51.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



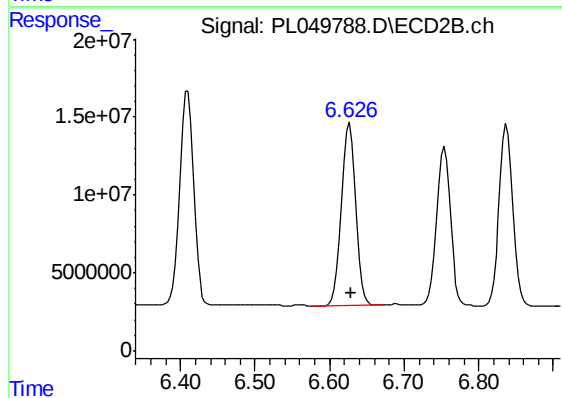
#13 Dieldrin

R.T.: 6.409 min  
Delta R.T.: -0.003 min  
Response: 174974835  
Conc: 49.32 ng/ml



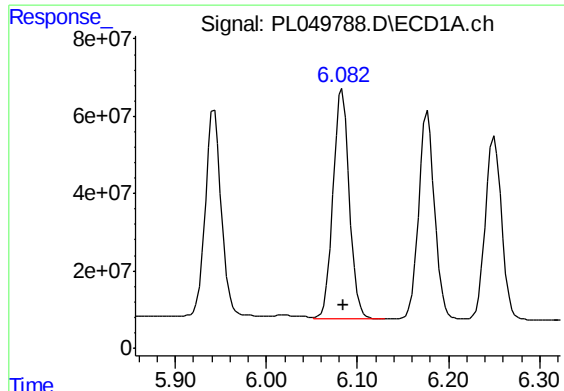
#14 Endrin

R.T.: 5.808 min  
Delta R.T.: -0.003 min  
Response: 802199743  
Conc: 50.09 ng/ml



#14 Endrin

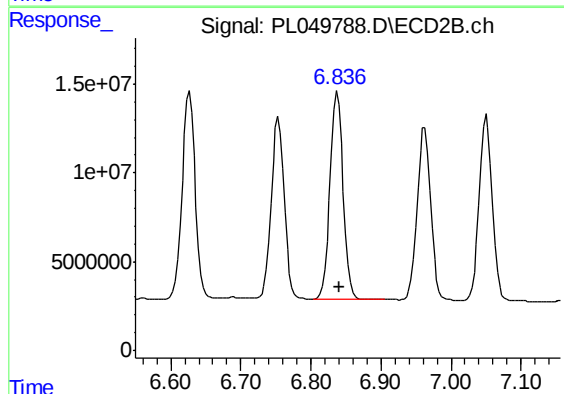
R.T.: 6.627 min  
Delta R.T.: -0.002 min  
Response: 151215069  
Conc: 47.90 ng/ml



#15 Endosulfan II

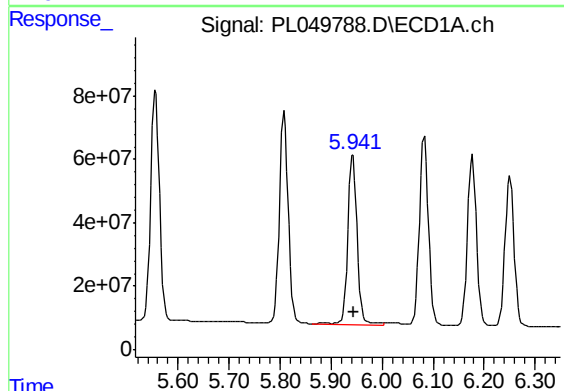
R.T.: 6.083 min  
Delta R.T.: -0.002 min  
Response: 738877377  
Conc: 50.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



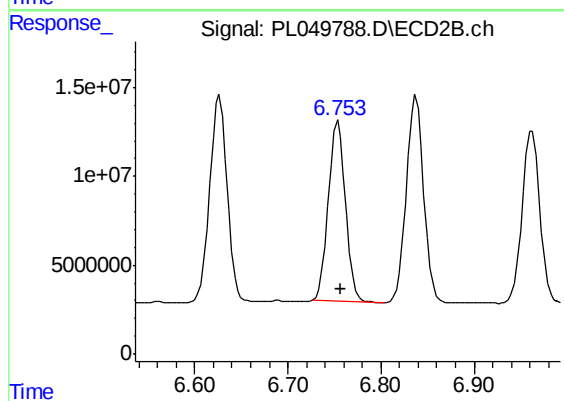
#15 Endosulfan II

R.T.: 6.838 min  
Delta R.T.: -0.003 min  
Response: 151115991  
Conc: 46.92 ng/ml



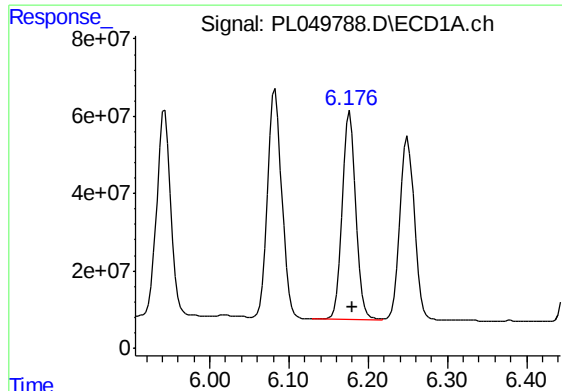
#16 4,4'-DDD

R.T.: 5.943 min  
Delta R.T.: -0.002 min  
Response: 676725685  
Conc: 53.61 ng/ml



#16 4,4'-DDD

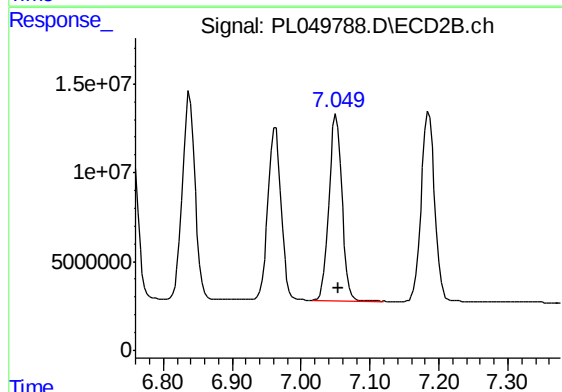
R.T.: 6.754 min  
Delta R.T.: -0.003 min  
Response: 130015318  
Conc: 49.73 ng/ml



#17 4,4'-DDT

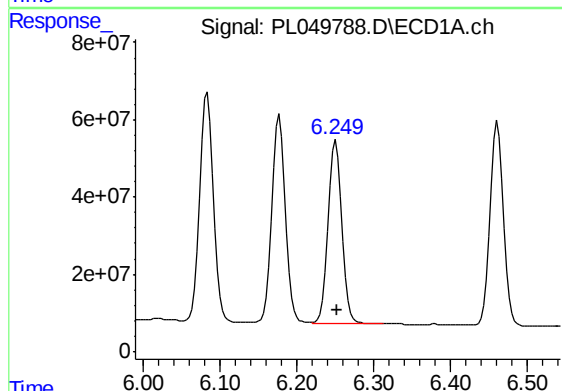
R.T.: 6.177 min  
Delta R.T.: -0.003 min  
Response: 659660462  
Conc: 49.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



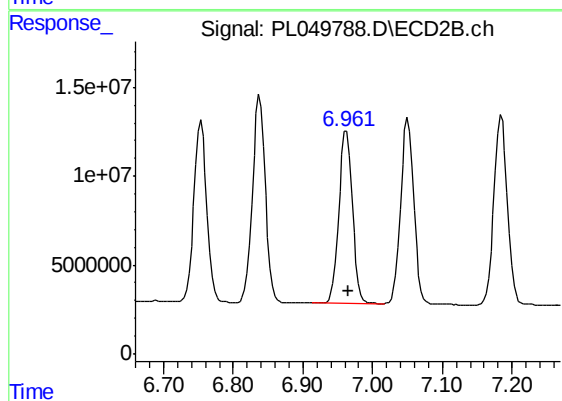
#17 4,4'-DDT

R.T.: 7.051 min  
Delta R.T.: -0.003 min  
Response: 136695531  
Conc: 46.67 ng/ml



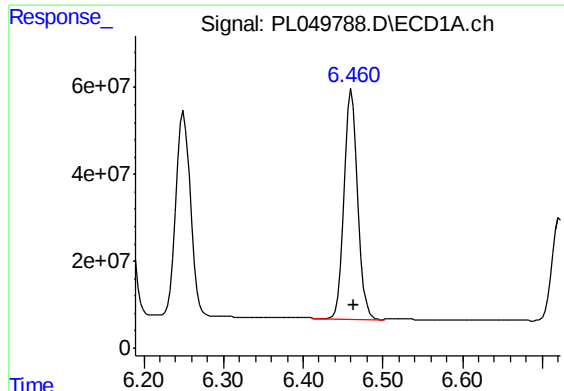
#18 Endrin aldehyde

R.T.: 6.251 min  
Delta R.T.: -0.002 min  
Response: 589717180  
Conc: 49.93 ng/ml



#18 Endrin aldehyde

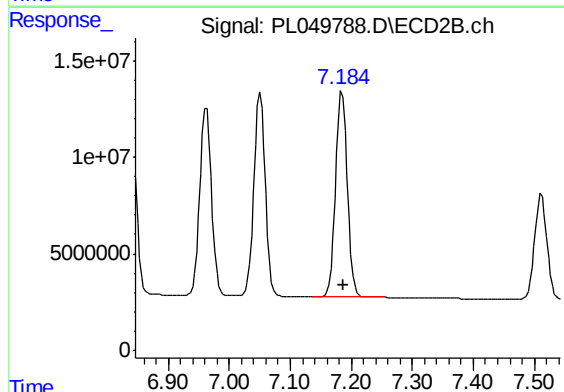
R.T.: 6.963 min  
Delta R.T.: -0.002 min  
Response: 130460551  
Conc: 47.50 ng/ml



#19 Endosulfan Sulfate

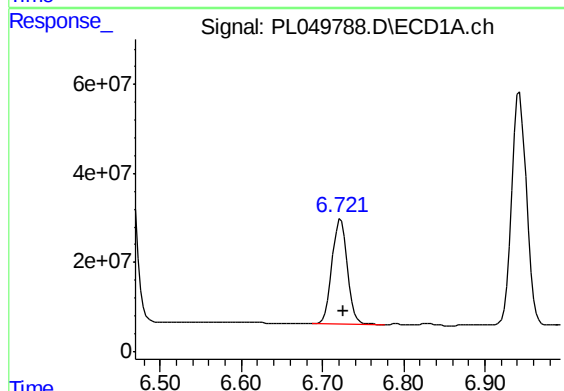
R.T.: 6.461 min  
Delta R.T.: -0.003 min  
Response: 639558227  
Conc: 49.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



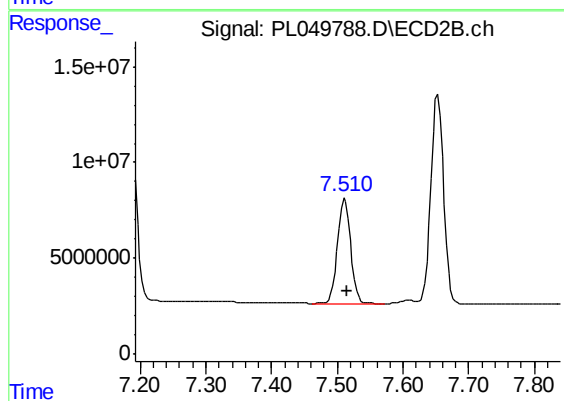
#19 Endosulfan Sulfate

R.T.: 7.185 min  
Delta R.T.: -0.003 min  
Response: 144066907  
Conc: 47.87 ng/ml



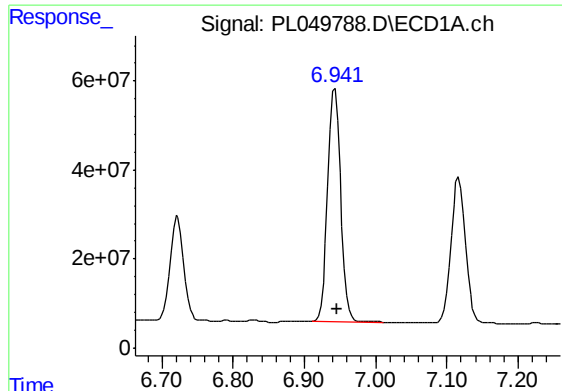
#20 Methoxychlor

R.T.: 6.722 min  
Delta R.T.: -0.003 min  
Response: 306091646  
Conc: 46.96 ng/ml



#20 Methoxychlor

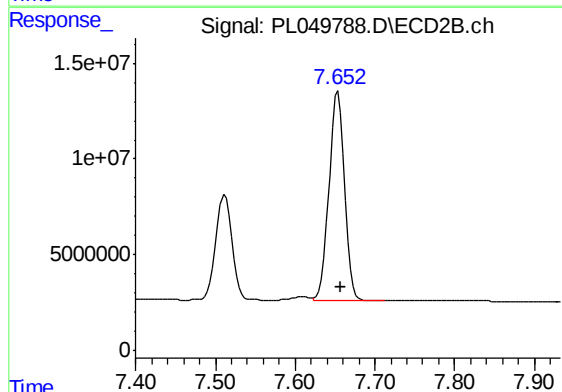
R.T.: 7.512 min  
Delta R.T.: -0.003 min  
Response: 76463987  
Conc: 45.88 ng/ml



#21 Endrin ketone

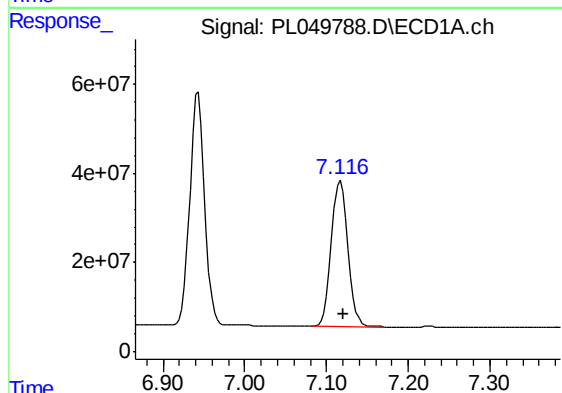
R.T.: 6.943 min  
Delta R.T.: -0.003 min  
Response: 664506917  
Conc: 47.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



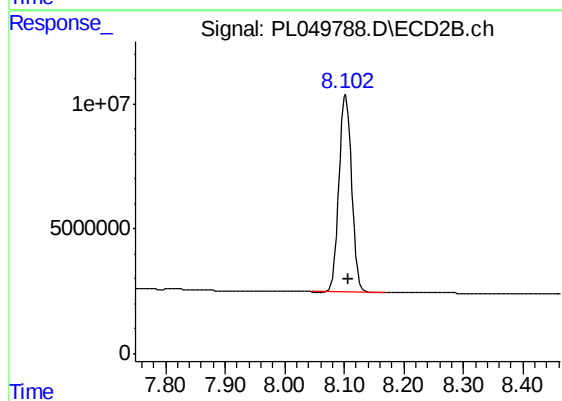
#21 Endrin ketone

R.T.: 7.653 min  
Delta R.T.: -0.004 min  
Response: 148050337  
Conc: 47.51 ng/ml



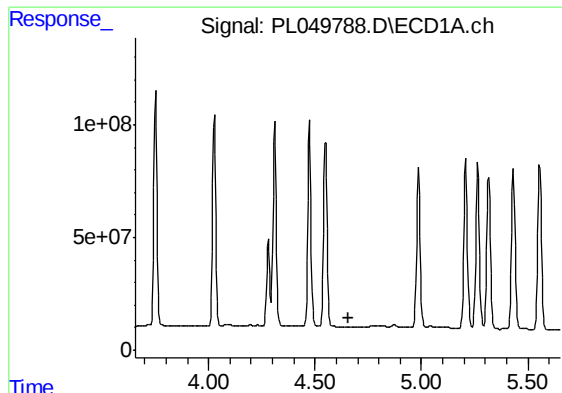
#22 Mirex

R.T.: 7.117 min  
Delta R.T.: -0.003 min  
Response: 461766831  
Conc: 44.67 ng/ml



#22 Mirex

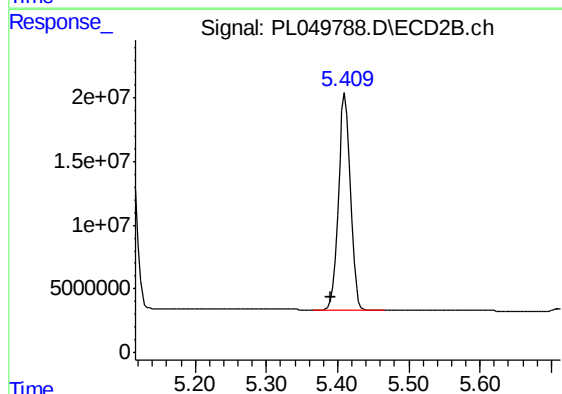
R.T.: 8.103 min  
Delta R.T.: -0.003 min  
Response: 116564062  
Conc: 46.10 ng/ml



#24 Chlordane-2

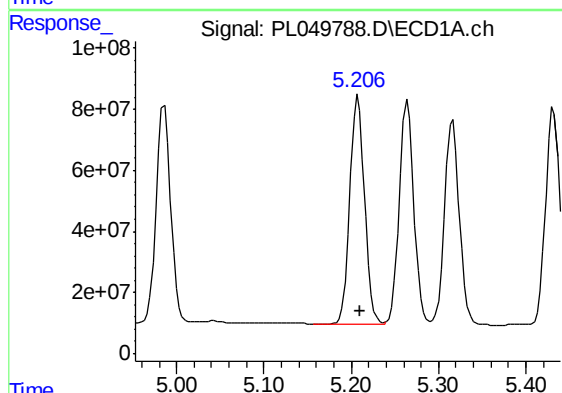
R.T.: 0.000 min  
Exp R.T.: 4.655 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



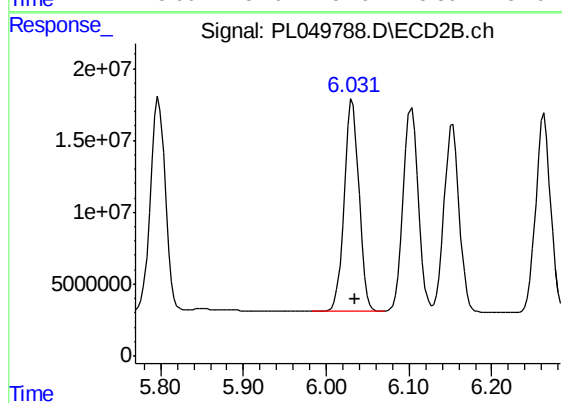
#24 Chlordane-2

R.T.: 5.411 min  
Delta R.T.: 0.021 min  
Response: 197800362  
Conc: 1273.34 ng/ml



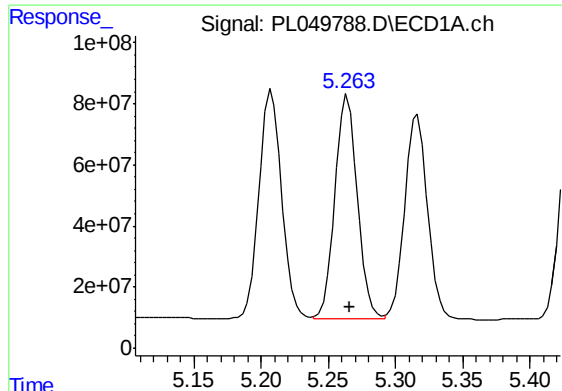
#25 Chlordane-3

R.T.: 5.208 min  
Delta R.T.: -0.003 min  
Response: 877694725  
Conc: 467.30 ng/ml



#25 Chlordane-3

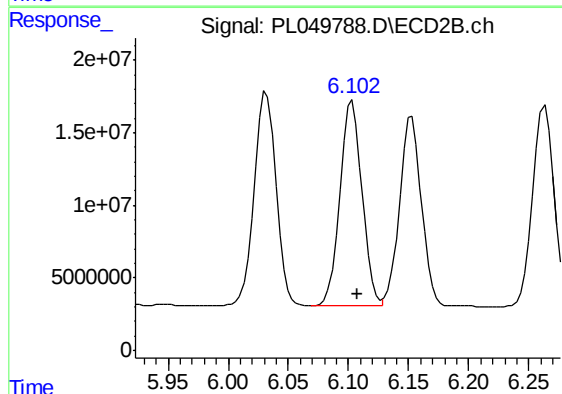
R.T.: 6.032 min  
Delta R.T.: -0.003 min  
Response: 184792196  
Conc: 371.35 ng/ml



#26 Chlordane-4

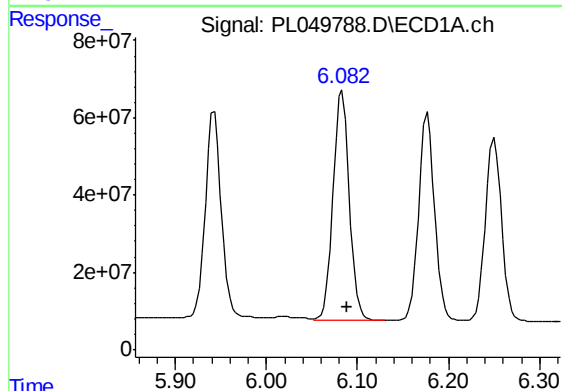
R.T.: 5.264 min  
Delta R.T.: -0.001 min  
Response: 852121178  
Conc: 488.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



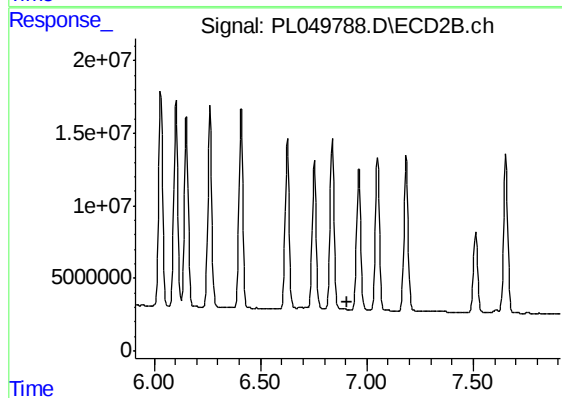
#26 Chlordane-4

R.T.: 6.103 min  
Delta R.T.: -0.004 min  
Response: 181654156  
Conc: 305.64 ng/ml



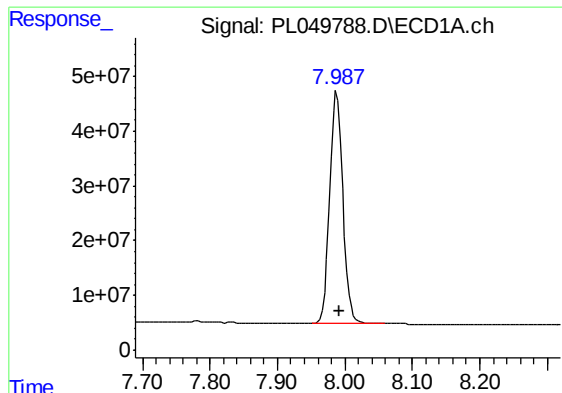
#27 Chlordane-5

R.T.: 6.083 min  
Delta R.T.: -0.005 min  
Response: 738877377  
Conc: 1316.59 ng/ml



#27 Chlordane-5

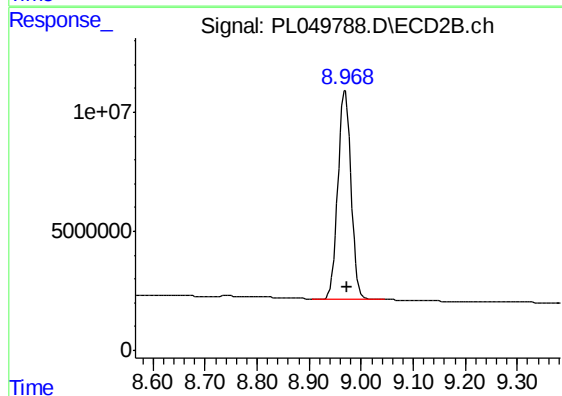
R.T.: 0.000 min  
Exp R.T. : 6.910 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.988 min  
Delta R.T.: -0.004 min  
Response: 578414723  
Conc: 45.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.969 min  
Delta R.T.: -0.004 min  
Response: 156182374  
Conc: 46.52 ng/ml