

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102419\  
 Data File : PL053668.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2019 10:52  
 Operator : SG\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: Oct 25 01:12:59 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 18 13:56:08 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... | 3.548  | 4.044  | 556.6E6 | 120.6E6  | 51.347   | 48.178     |
| 28)                         | SA Decachlor... | 8.334  | 9.123  | 455.3E6 | 117.2E6  | 46.401   | 41.614     |
| Target Compounds            |                 |        |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.991  | 4.435  | 899.4E6 | 169.8E6  | 51.581   | 49.131     |
| 3)                          | MA gamma-BHC... | 4.278  | 4.720  | 811.8E6 | 157.6E6  | 52.126   | 48.943     |
| 4)                          | MA Heptachlor   | 4.585  | 5.231  | 826.8E6 | 153.1E6  | 52.386   | 47.515     |
| 5)                          | MB Aldrin       | 4.837  | 5.536  | 758.8E6 | 145.9E6  | 53.081   | 48.943     |
| 6)                          | B beta-BHC      | 4.528  | 4.890  | 329.3E6 | 72538239 | 49.964   | 46.962     |
| 7)                          | B delta-BHC     | 4.737  | 5.108  | 789.9E6 | 133.6E6  | 51.894   | 44.223     |
| 8)                          | B Heptachlor... | 5.283  | 5.923  | 711.7E6 | 124.0E6  | 52.721   | 42.516     |
| 9)                          | A Endosulfan I  | 5.625  | 6.279  | 641.0E6 | 123.1E6  | 52.146   | 45.414     |
| 10)                         | B gamma-Chl...  | 5.511  | 6.156  | 719.4E6 | 132.0E6  | 52.731   | 45.224     |
| 11)                         | B alpha-Chl...  | 5.570  | 6.229  | 689.7E6 | 133.1E6  | 51.847   | 45.578     |
| 12)                         | B 4,4'-DDE      | 5.733  | 6.385  | 628.2E6 | 128.6E6  | 52.872   | 45.653     |
| 13)                         | MA Dieldrin     | 5.870  | 6.536  | 682.3E6 | 128.3E6  | 52.352   | 44.965     |
| 14)                         | MA Endrin       | 6.128  | 6.754  | 612.1E6 | 110.6E6  | 52.808   | 45.569     |
| 15)                         | B Endosulfa...  | 6.401  | 6.963  | 536.5E6 | 88145605 | 47.986   | 34.506 #   |
| 16)                         | A 4,4'-DDD      | 6.251  | 6.875  | 462.2E6 | 90775921 | 51.931   | 43.559     |
| 17)                         | MA 4,4'-DDT     | 6.494  | 7.174  | 503.6E6 | 105.9E6  | 50.833   | 45.779     |
| 18)                         | B Endrin al...  | 6.570  | 7.086  | 438.2E6 | 95973840 | 47.788   | 43.689     |
| 19)                         | B Endosulfa...  | 6.783  | 7.310  | 472.6E6 | 106.3E6  | 46.467   | 43.334     |
| 20)                         | A Methoxychlor  | 7.039  | 7.632  | 242.5E6 | 57738168 | 49.179   | 44.451     |
| 21)                         | B Endrin ke...  | 7.277  | 7.781  | 514.4E6 | 111.9E6  | 47.780   | 43.401     |
| 22)                         | Mirex           | 7.470  | 8.236  | 428.9E6 | 85409043 | 50.145   | 42.218     |
| 23)                         | Chlordane-1     | 4.456f | 0.000  | 3750254 | 0        | 10.574   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.536f | 0       | 145.9E6  | N.D.     | 1485.689 # |
| 25)                         | Chlordane-3     | 5.511  | 6.156  | 719.4E6 | 132.0E6  | 624.138  | 361.291 #  |
| 26)                         | Chlordane-4     | 5.570  | 6.229  | 689.7E6 | 133.1E6  | 735.768  | 296.375 #  |
| 27)                         | Chlordane-5     | 6.401  | 0.000  | 536.5E6 | 0        | 1467.688 | N.D. #     |
| -----                       |                 |        |        |         |          |          |            |

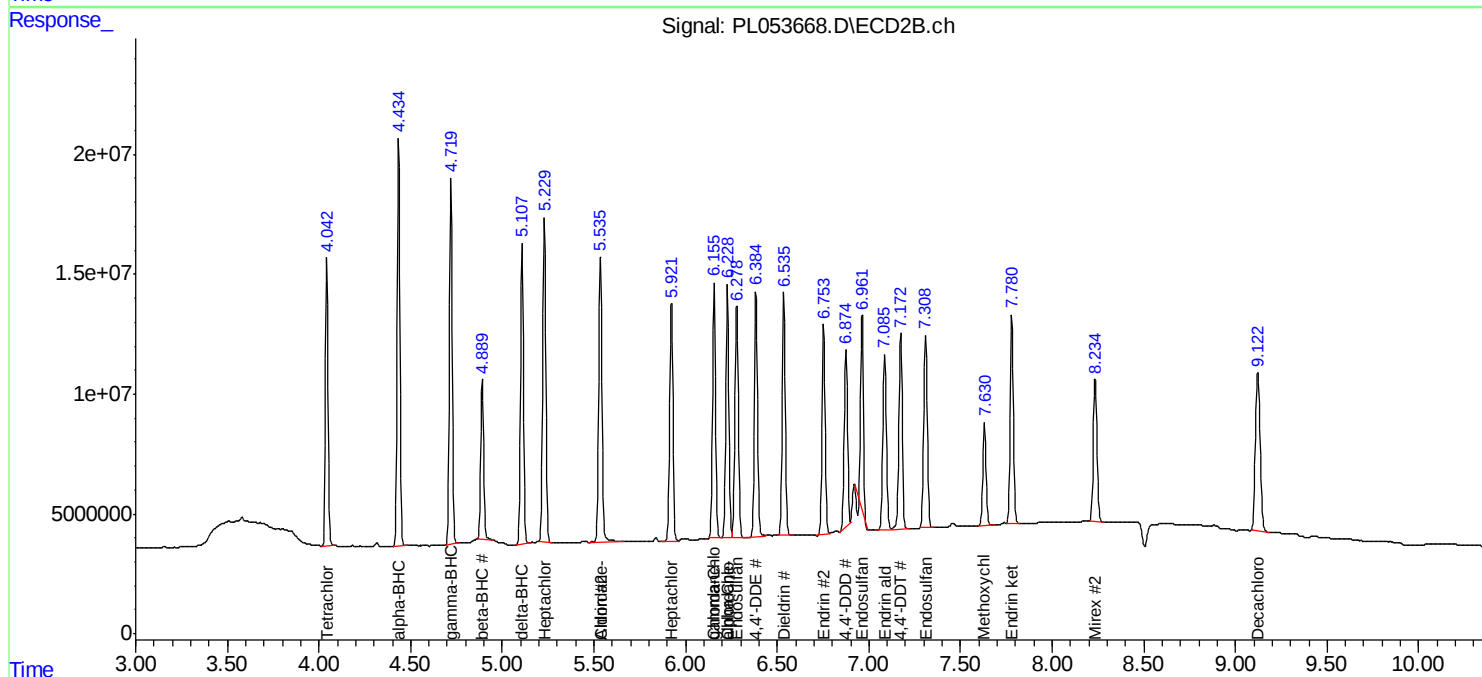
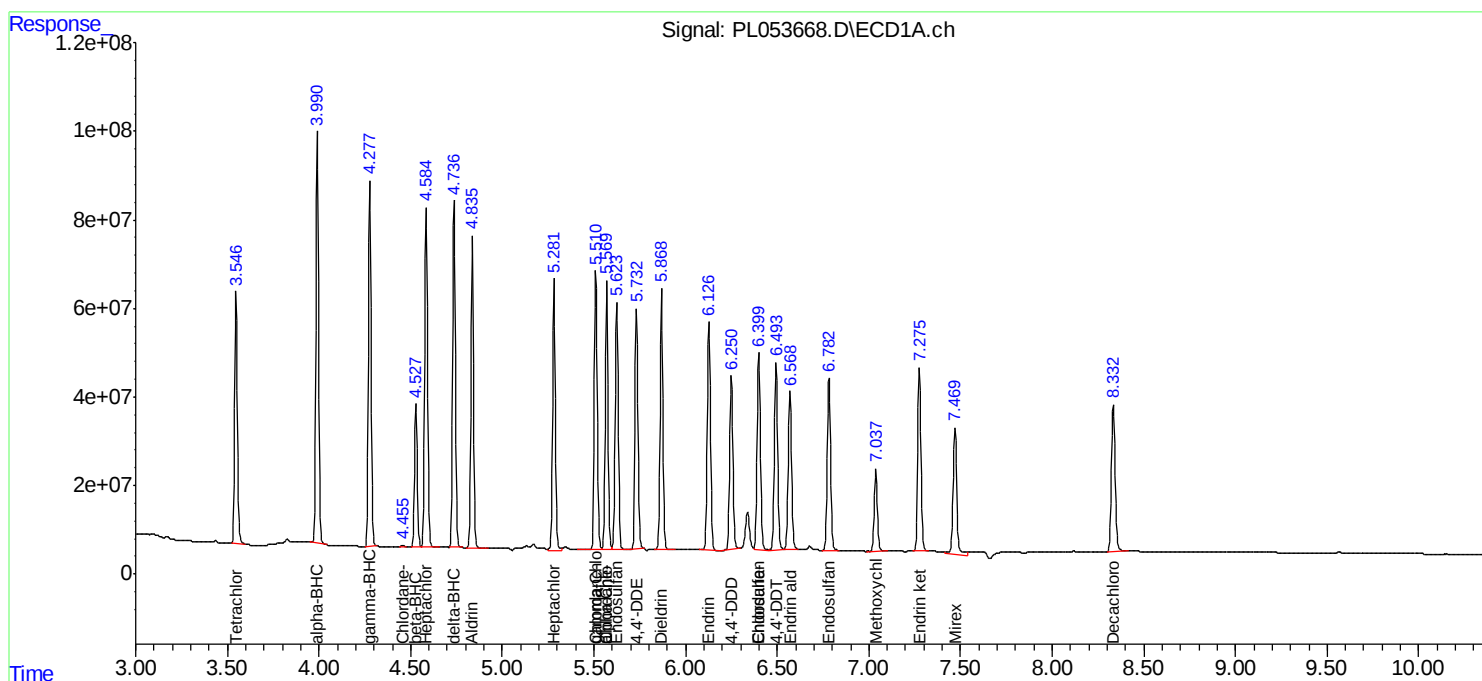
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

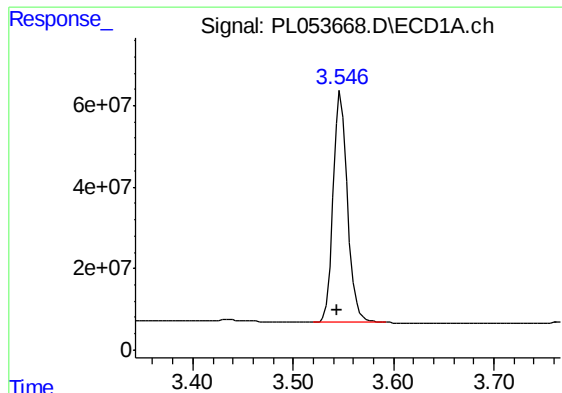
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102419\  
Data File : PL053668.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2019 10:52  
Operator : SG\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 01:12:59 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101919.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 18 13:56:08 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

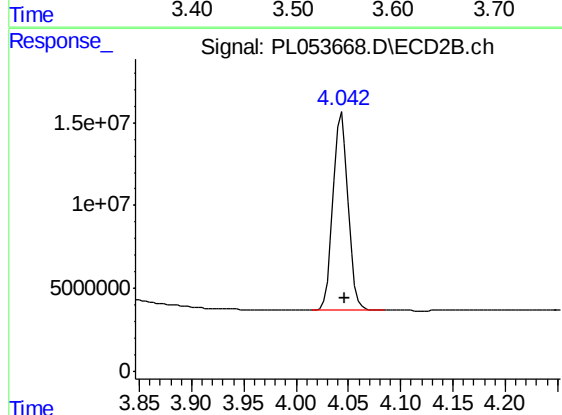




#1 Tetrachloro-m-xylene

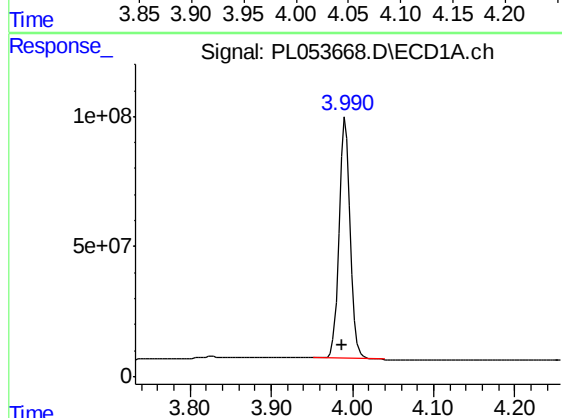
R.T.: 3.548 min  
Delta R.T.: 0.004 min  
Response: 556569345  
Conc: 51.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



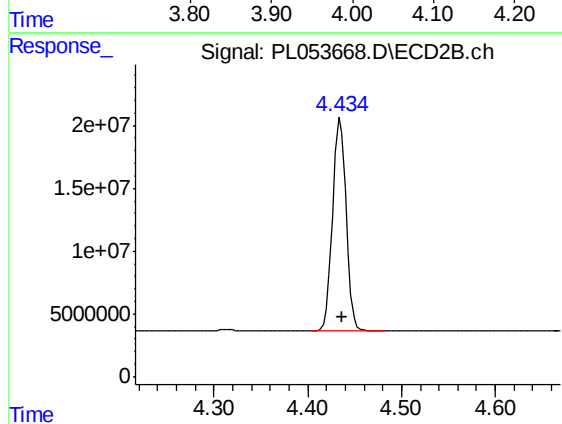
#1 Tetrachloro-m-xylene

R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 120559142  
Conc: 48.18 ng/ml



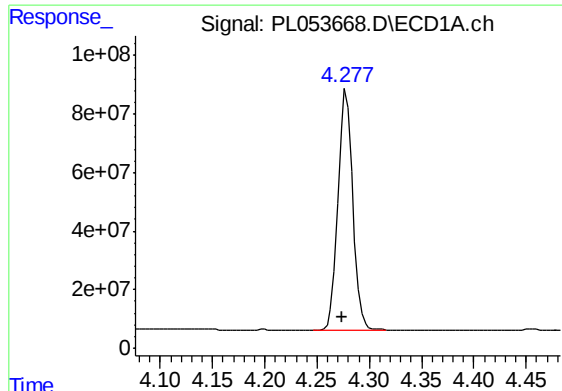
#2 alpha-BHC

R.T.: 3.991 min  
Delta R.T.: 0.003 min  
Response: 899401461  
Conc: 51.58 ng/ml



#2 alpha-BHC

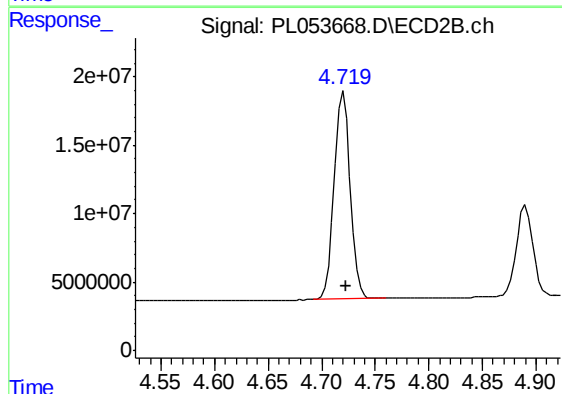
R.T.: 4.435 min  
Delta R.T.: -0.002 min  
Response: 169849076  
Conc: 49.13 ng/ml



#3 gamma-BHC (Lindane)

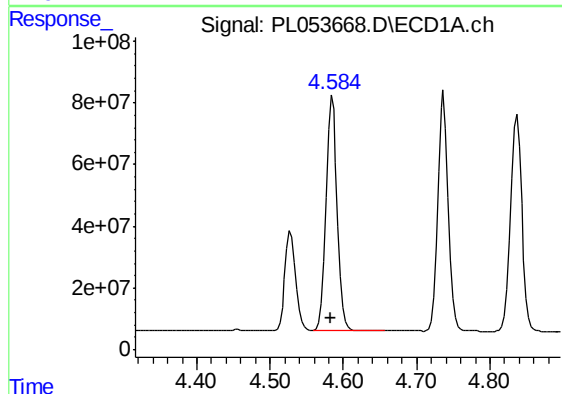
R.T.: 4.278 min  
Delta R.T.: 0.004 min  
Response: 811787145  
Conc: 52.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



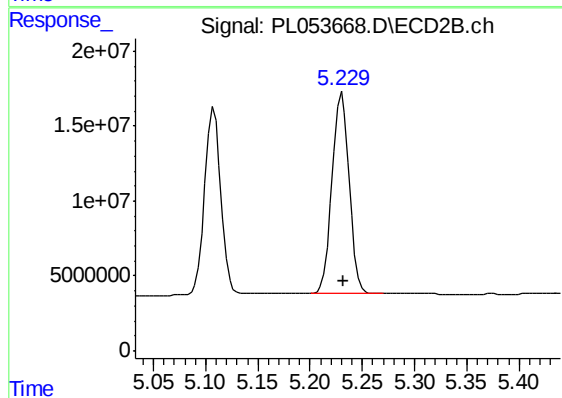
#3 gamma-BHC (Lindane)

R.T.: 4.720 min  
Delta R.T.: -0.002 min  
Response: 157616439  
Conc: 48.94 ng/ml



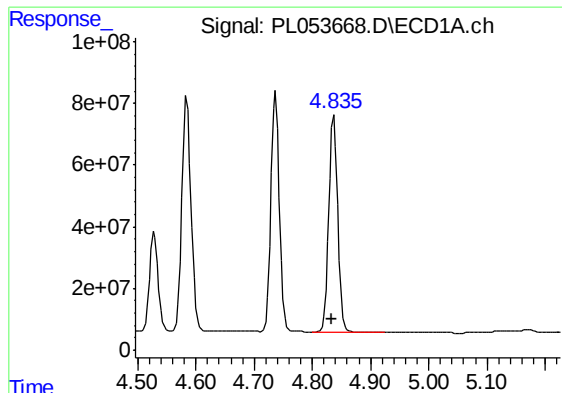
#4 Heptachlor

R.T.: 4.585 min  
Delta R.T.: 0.003 min  
Response: 826803813  
Conc: 52.39 ng/ml



#4 Heptachlor

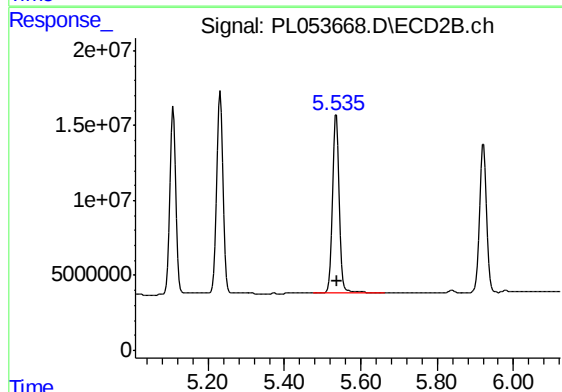
R.T.: 5.231 min  
Delta R.T.: -0.002 min  
Response: 153100567  
Conc: 47.51 ng/ml



#5 Aldrin

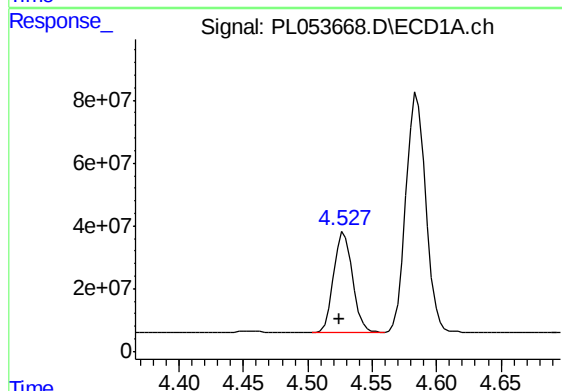
R.T.: 4.837 min  
Delta R.T.: 0.003 min  
Response: 758826503  
Conc: 53.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



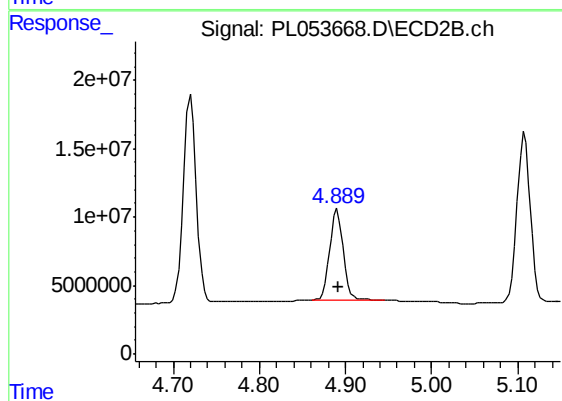
#5 Aldrin

R.T.: 5.536 min  
Delta R.T.: -0.002 min  
Response: 145926513  
Conc: 48.94 ng/ml



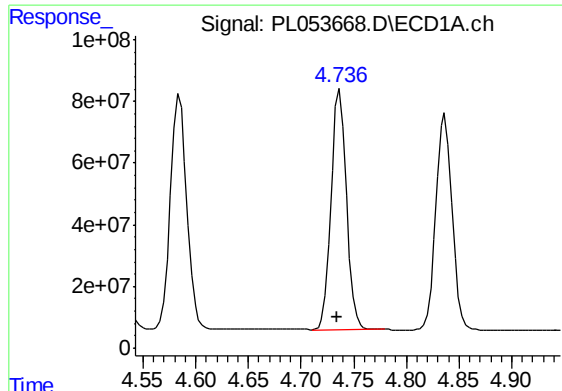
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.004 min  
Response: 329254674  
Conc: 49.96 ng/ml



#6 beta-BHC

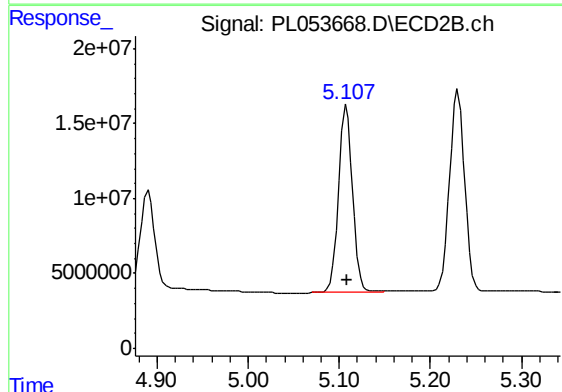
R.T.: 4.890 min  
Delta R.T.: -0.001 min  
Response: 72538239  
Conc: 46.96 ng/ml



#7 delta-BHC

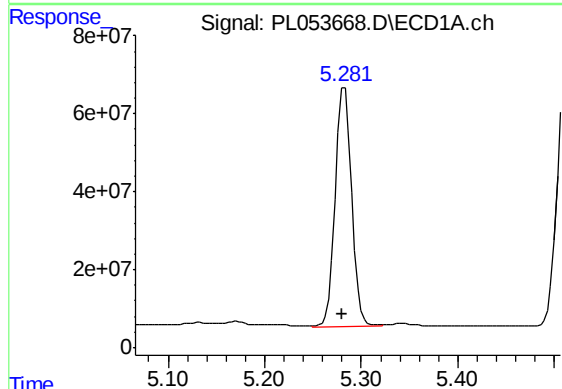
R.T.: 4.737 min  
Delta R.T.: 0.003 min  
Response: 789878772  
Conc: 51.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



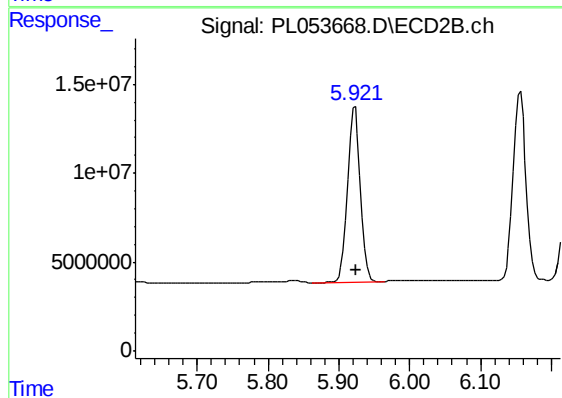
#7 delta-BHC

R.T.: 5.108 min  
Delta R.T.: 0.000 min  
Response: 133579885  
Conc: 44.22 ng/ml



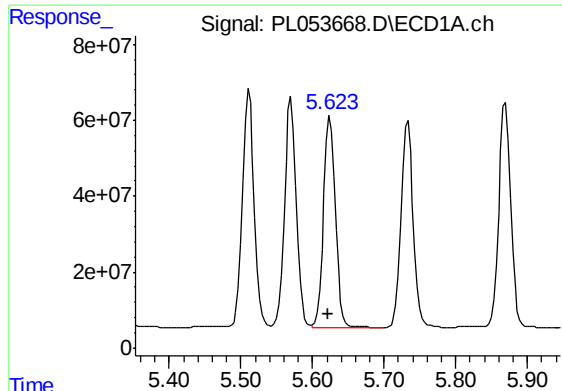
#8 Heptachlor epoxide

R.T.: 5.283 min  
Delta R.T.: 0.003 min  
Response: 711691702  
Conc: 52.72 ng/ml



#8 Heptachlor epoxide

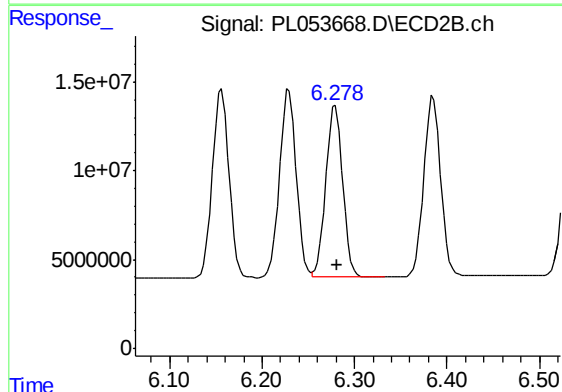
R.T.: 5.923 min  
Delta R.T.: -0.002 min  
Response: 123994443  
Conc: 42.52 ng/ml



#9 Endosulfan I

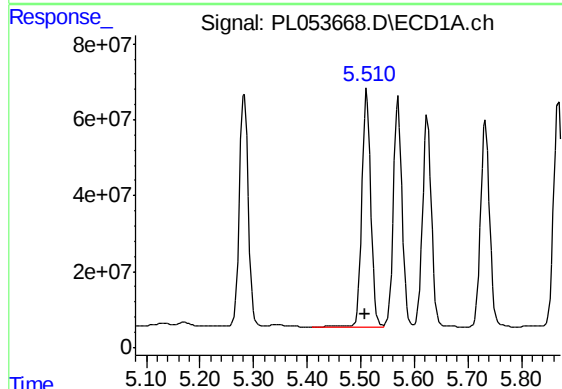
R.T.: 5.625 min  
Delta R.T.: 0.002 min  
Response: 640980522  
Conc: 52.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



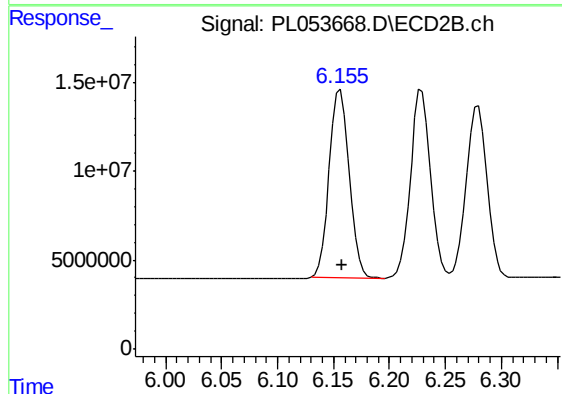
#9 Endosulfan I

R.T.: 6.279 min  
Delta R.T.: -0.002 min  
Response: 123128946  
Conc: 45.41 ng/ml



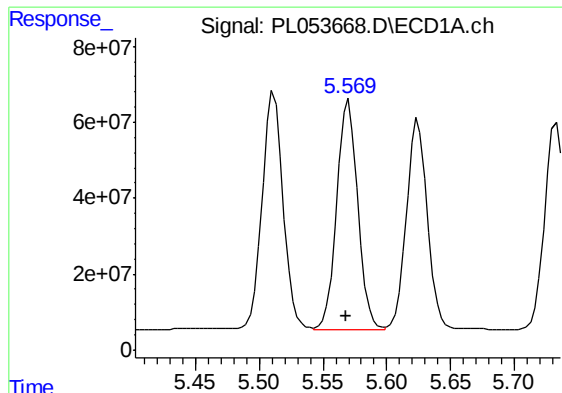
#10 gamma-Chlordane

R.T.: 5.511 min  
Delta R.T.: 0.003 min  
Response: 719435770  
Conc: 52.73 ng/ml



#10 gamma-Chlordane

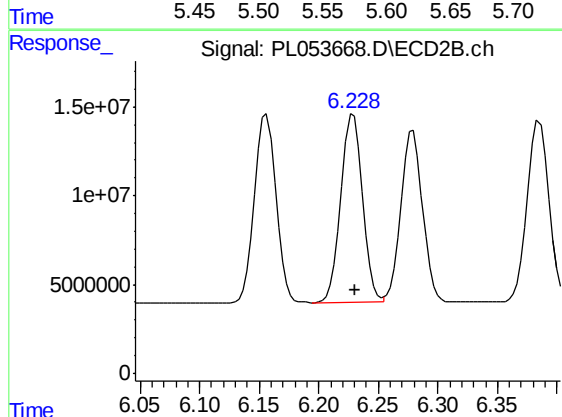
R.T.: 6.156 min  
Delta R.T.: -0.002 min  
Response: 131954307  
Conc: 45.22 ng/ml



#11 alpha-Chlordane

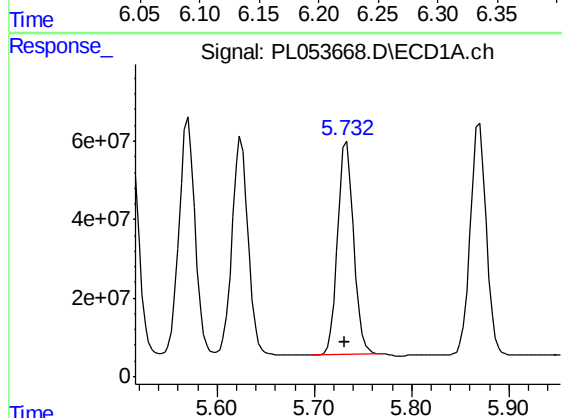
R.T.: 5.570 min  
Delta R.T.: 0.003 min  
Response: 689747372  
Conc: 51.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



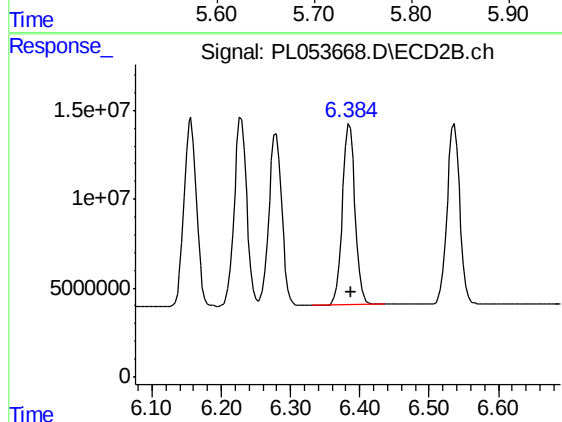
#11 alpha-Chlordane

R.T.: 6.229 min  
Delta R.T.: -0.002 min  
Response: 133053723  
Conc: 45.58 ng/ml



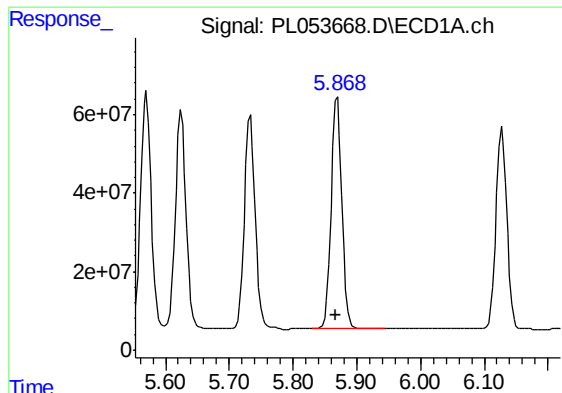
#12 4,4'-DDE

R.T.: 5.733 min  
Delta R.T.: 0.002 min  
Response: 628241172  
Conc: 52.87 ng/ml



#12 4,4'-DDE

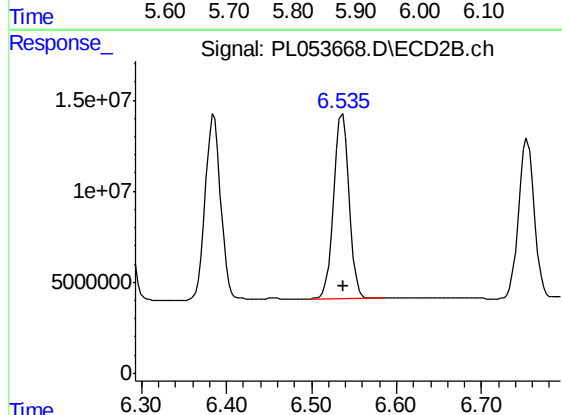
R.T.: 6.385 min  
Delta R.T.: -0.002 min  
Response: 128576307  
Conc: 45.65 ng/ml



#13 Dieldrin

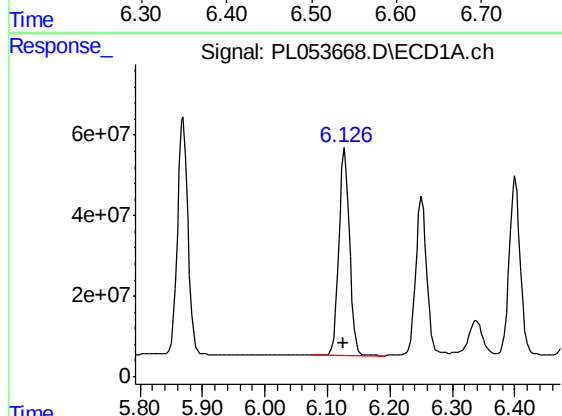
R.T.: 5.870 min  
Delta R.T.: 0.002 min  
Response: 682335950  
Conc: 52.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



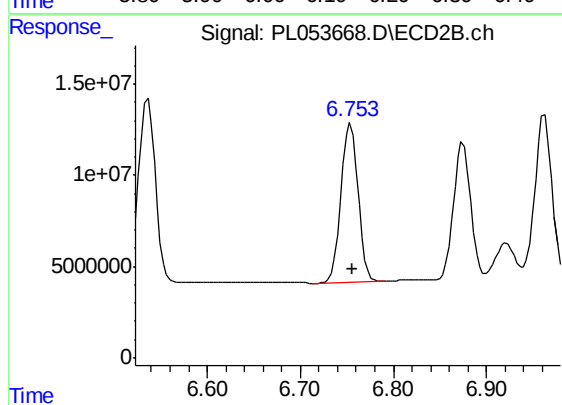
#13 Dieldrin

R.T.: 6.536 min  
Delta R.T.: -0.002 min  
Response: 128314122  
Conc: 44.97 ng/ml



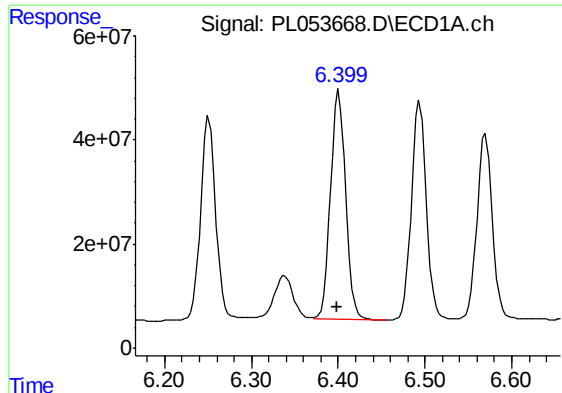
#14 Endrin

R.T.: 6.128 min  
Delta R.T.: 0.002 min  
Response: 612109373  
Conc: 52.81 ng/ml



#14 Endrin

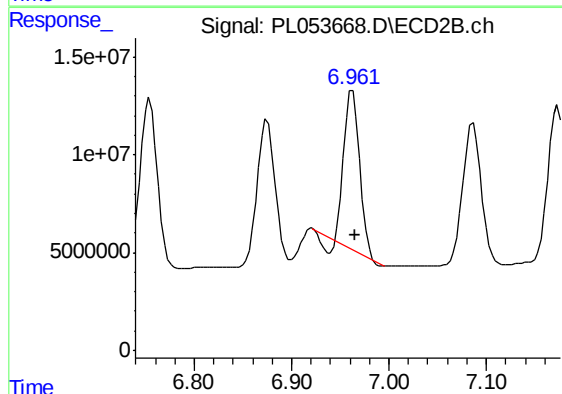
R.T.: 6.754 min  
Delta R.T.: -0.002 min  
Response: 110605287  
Conc: 45.57 ng/ml



#15 Endosulfan II

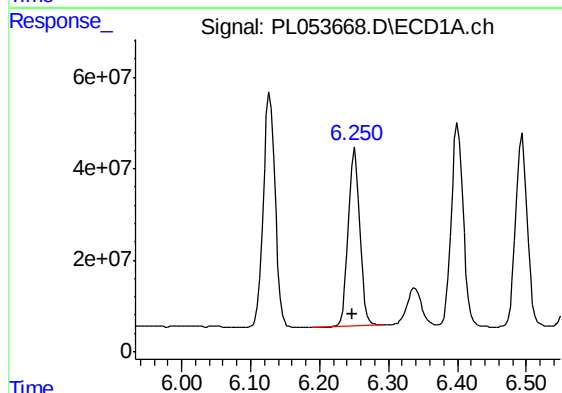
R.T.: 6.401 min  
Delta R.T.: 0.002 min  
Response: 536504803  
Conc: 47.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



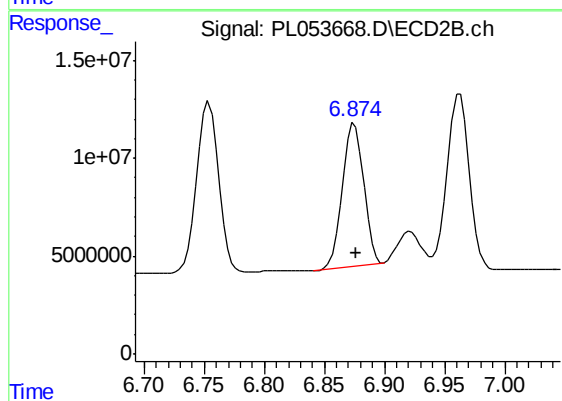
#15 Endosulfan II

R.T.: 6.963 min  
Delta R.T.: -0.002 min  
Response: 88145605  
Conc: 34.51 ng/ml



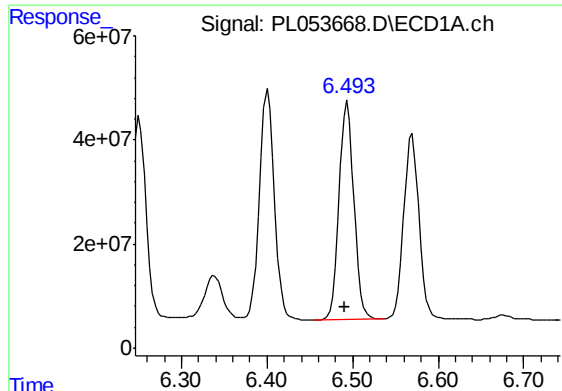
#16 4,4'-DDD

R.T.: 6.251 min  
Delta R.T.: 0.003 min  
Response: 462177855  
Conc: 51.93 ng/ml



#16 4,4'-DDD

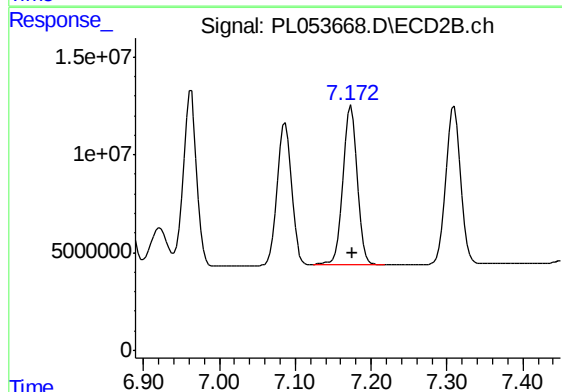
R.T.: 6.875 min  
Delta R.T.: -0.001 min  
Response: 90775921  
Conc: 43.56 ng/ml



#17 4,4'-DDT

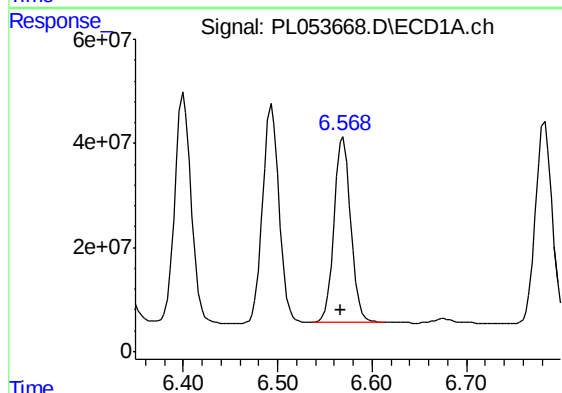
R.T.: 6.494 min  
Delta R.T.: 0.003 min  
Response: 503565839  
Conc: 50.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



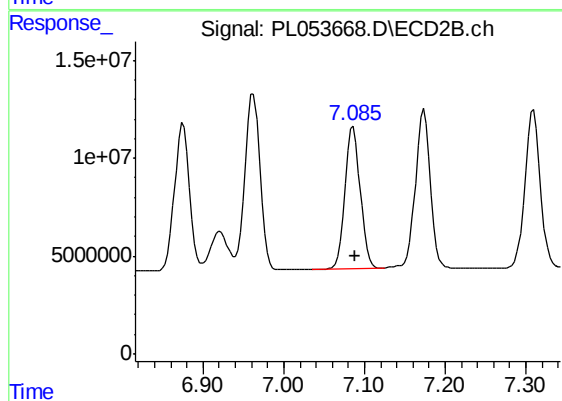
#17 4,4'-DDT

R.T.: 7.174 min  
Delta R.T.: -0.002 min  
Response: 105863603  
Conc: 45.78 ng/ml



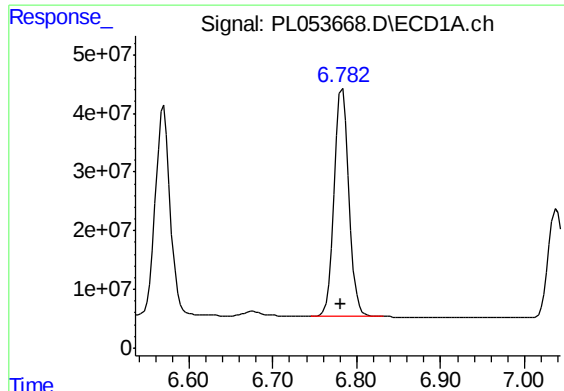
#18 Endrin aldehyde

R.T.: 6.570 min  
Delta R.T.: 0.003 min  
Response: 438182015  
Conc: 47.79 ng/ml



#18 Endrin aldehyde

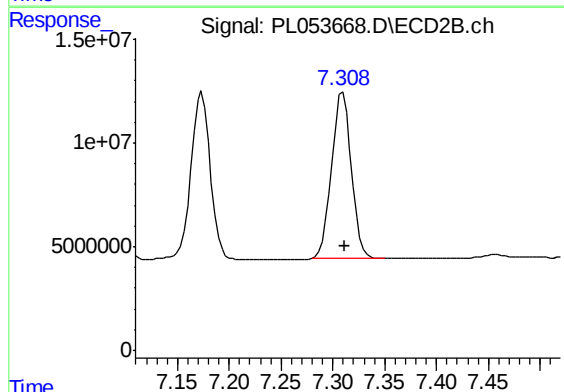
R.T.: 7.086 min  
Delta R.T.: -0.003 min  
Response: 95973840  
Conc: 43.69 ng/ml



#19 Endosulfan Sulfate

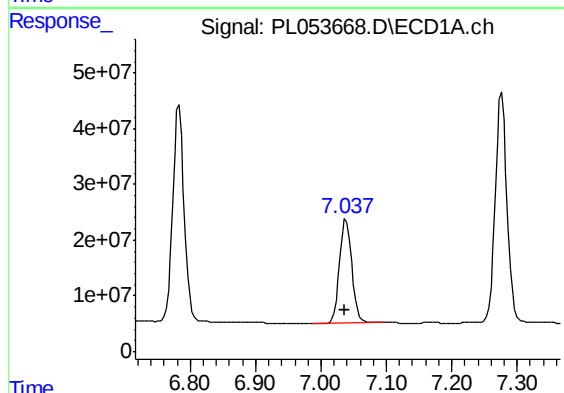
R.T.: 6.783 min  
Delta R.T.: 0.002 min  
Response: 472640404  
Conc: 46.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



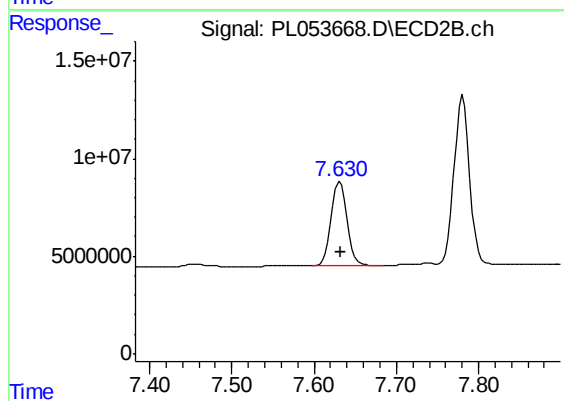
#19 Endosulfan Sulfate

R.T.: 7.310 min  
Delta R.T.: -0.002 min  
Response: 106323816  
Conc: 43.33 ng/ml



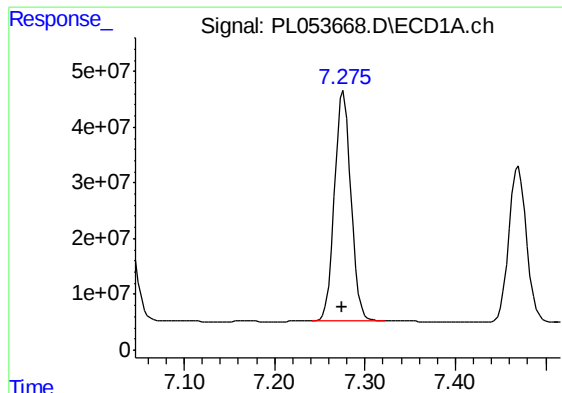
#20 Methoxychlor

R.T.: 7.039 min  
Delta R.T.: 0.002 min  
Response: 242467471  
Conc: 49.18 ng/ml



#20 Methoxychlor

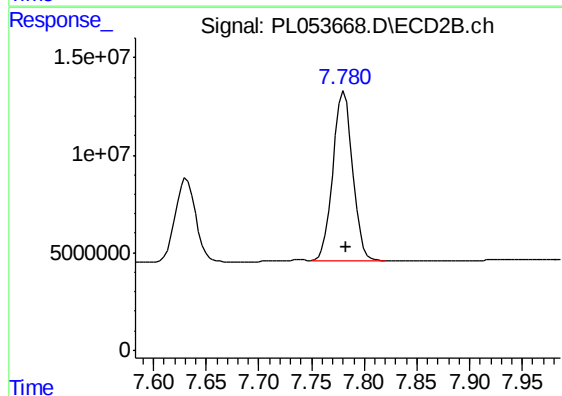
R.T.: 7.632 min  
Delta R.T.: -0.002 min  
Response: 57738168  
Conc: 44.45 ng/ml



#21 Endrin ketone

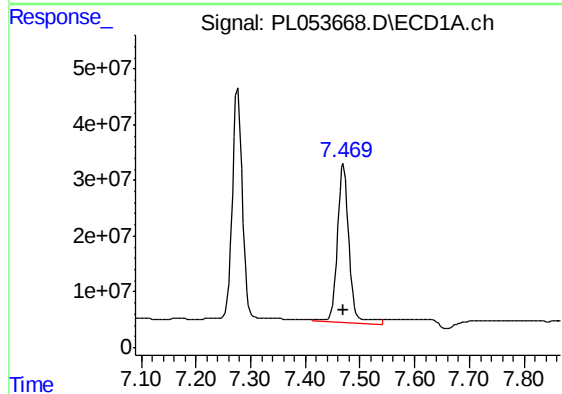
R.T.: 7.277 min  
Delta R.T.: 0.001 min  
Response: 514356477  
Conc: 47.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



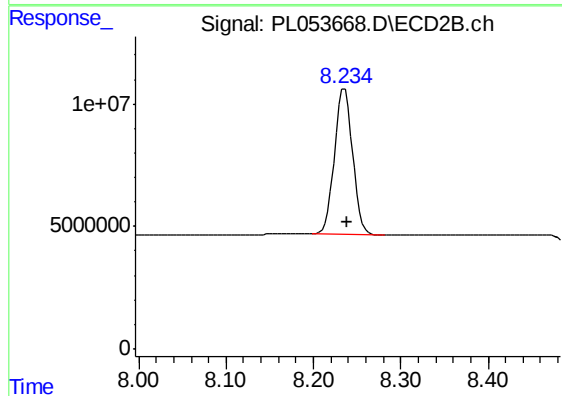
#21 Endrin ketone

R.T.: 7.781 min  
Delta R.T.: -0.002 min  
Response: 111909456  
Conc: 43.40 ng/ml



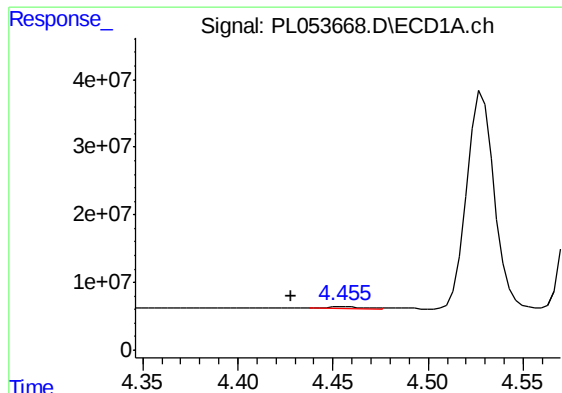
#22 Mirex

R.T.: 7.470 min  
Delta R.T.: 0.000 min  
Response: 428887667  
Conc: 50.14 ng/ml



#22 Mirex

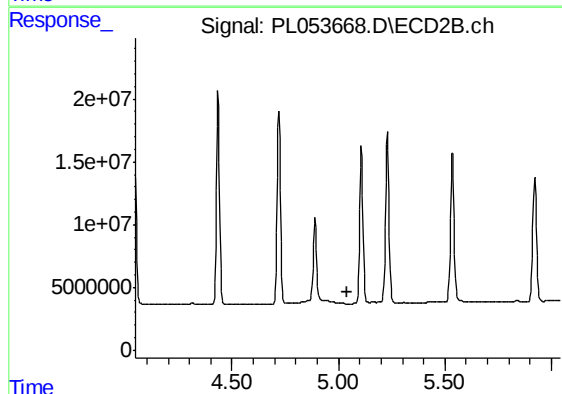
R.T.: 8.236 min  
Delta R.T.: -0.003 min  
Response: 85409043  
Conc: 42.22 ng/ml



#23 Chlordane-1

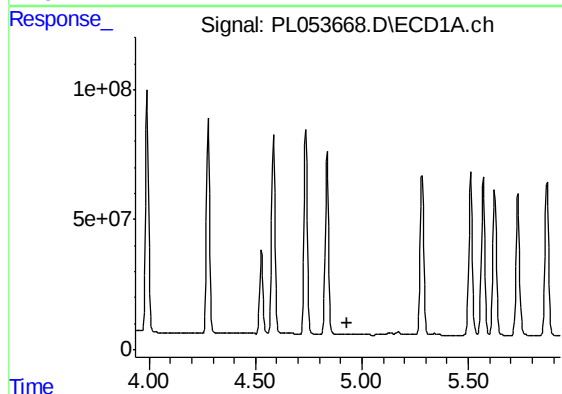
R.T.: 4.456 min  
Delta R.T.: 0.028 min  
Response: 3750254  
Conc: 10.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



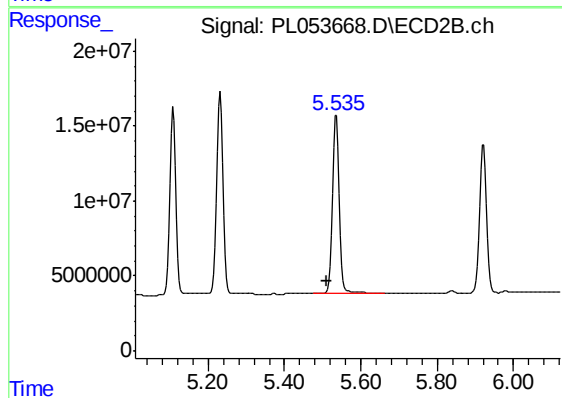
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.043 min  
Response: 0  
Conc: N.D.



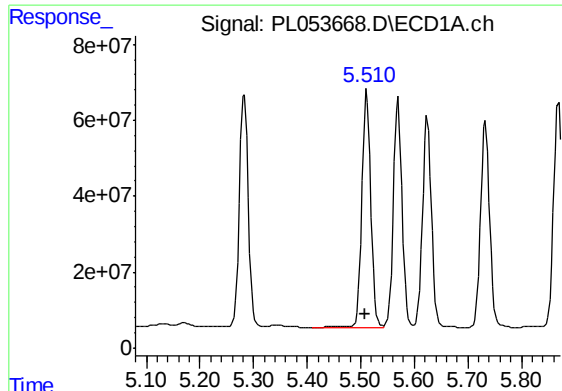
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.934 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

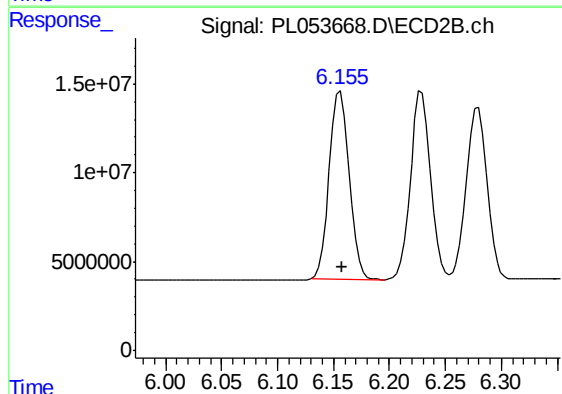
R.T.: 5.536 min  
Delta R.T.: 0.025 min  
Response: 145926513  
Conc: 1485.69 ng/ml



#25 Chlordane-3

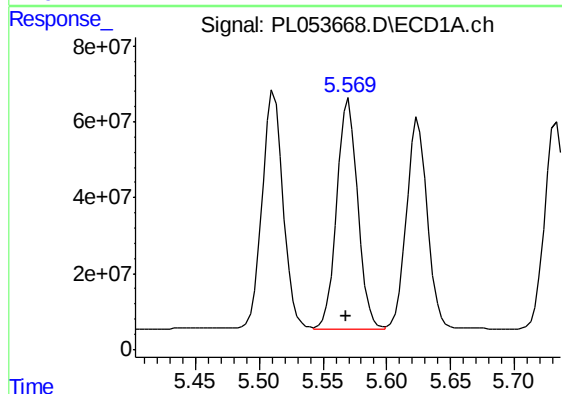
R.T.: 5.511 min  
Delta R.T.: 0.003 min  
Response: 719435770  
Conc: 624.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



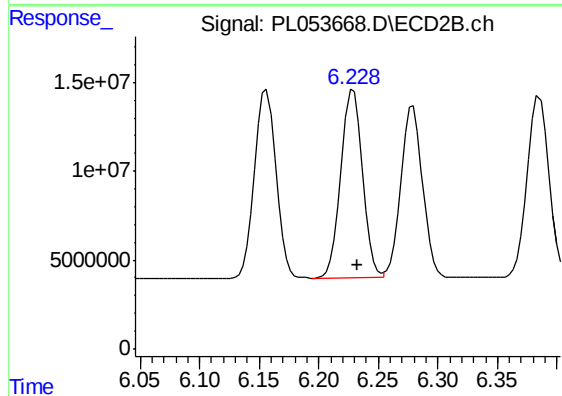
#25 Chlordane-3

R.T.: 6.156 min  
Delta R.T.: -0.002 min  
Response: 131954307  
Conc: 361.29 ng/ml



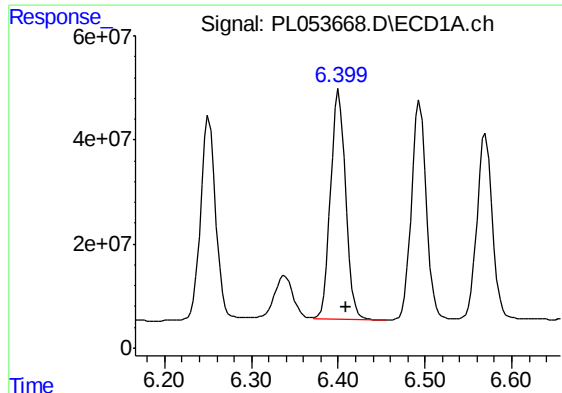
#26 Chlordane-4

R.T.: 5.570 min  
Delta R.T.: 0.003 min  
Response: 689747372  
Conc: 735.77 ng/ml



#26 Chlordane-4

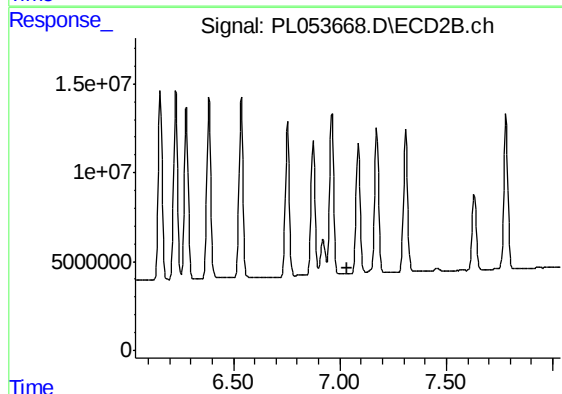
R.T.: 6.229 min  
Delta R.T.: -0.003 min  
Response: 133053723  
Conc: 296.38 ng/ml



#27 Chlordane-5

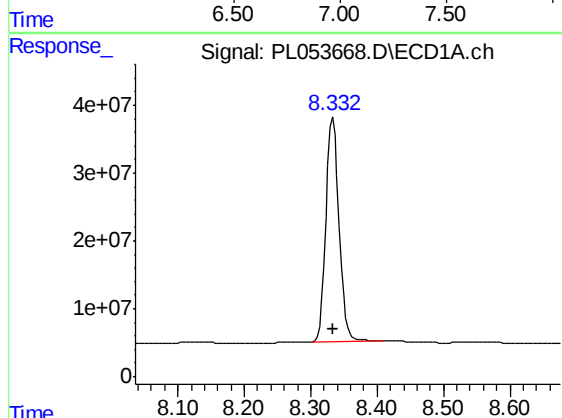
R.T.: 6.401 min  
Delta R.T.: -0.008 min  
Response: 536504803  
Conc: 1467.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



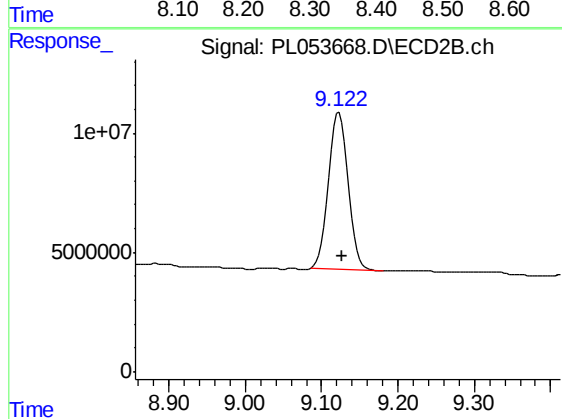
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 7.037 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.334 min  
Delta R.T.: 0.000 min  
Response: 455264586  
Conc: 46.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.123 min  
Delta R.T.: -0.003 min  
Response: 117185837  
Conc: 41.61 ng/ml