

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111519\  
 Data File : PL054271.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Nov 2019 10:56  
 Operator : SG\AJ  
 Sample : K5813-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SP-B

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 16 00:18:56 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... | 3.538  | 4.042  | 119.0E6  | 26764908 | 10.977  | 10.696    |
| 28)                         | SA Decachlor... | 8.320  | 9.120  | 528.3E6  | 151.8E6  | 53.842  | 53.911    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.001  | 4.459f | 2168981  | 4406153  | 0.124   | 1.275 #   |
| 3)                          | MA gamma-BHC... | 0.000  | 4.719  | 0        | 1389616  | N.D.    | 0.432 #   |
| 4)                          | MA Heptachlor   | 4.580  | 0.000  | 7955542  | 0        | 0.504   | N.D. #    |
| 5)                          | MB Aldrin       | 4.827  | 5.530  | 43114793 | 22327516 | 3.016   | 7.489 #   |
| 6)                          | B beta-BHC      | 4.542f | 0.000  | 32482374 | 0        | 4.929   | N.D. #    |
| 7)                          | B delta-BHC     | 4.745  | 5.101  | 108.8E6  | 4301244  | 7.147   | 1.424 #   |
| 8)                          | B Heptachlor... | 5.269  | 5.938  | 107.8E6  | 9528898  | 7.988   | 3.267 #   |
| 9)                          | A Endosulfan I  | 5.635  | 6.264f | 21320269 | 37838703 | 1.734   | 13.956 #  |
| 10)                         | B gamma-Chl...  | 5.514  | 6.168  | 49376789 | -4748445 | 3.619   | N.D. #    |
| 11)                         | B alpha-Chl...  | 5.570  | 6.223  | 16902561 | 8578248  | 1.271   | 2.939 #   |
| 12)                         | B 4,4'-DDE      | 5.721  | 6.383  | 1022.9E6 | 207.8E6  | 86.084  | 73.798    |
| 13)                         | MA Dieldrin     | 5.847f | 6.513f | 96154698 | 47596138 | 7.377   | 16.679 #  |
| 14)                         | MA Endrin       | 6.114  | 6.743  | 552.2E6  | 9256537  | 47.641  | 3.814 #   |
| 15)                         | B Endosulfa...  | 6.372f | 6.955  | 45302197 | 3929306  | 4.052   | 1.538 #   |
| 16)                         | A 4,4'-DDD      | 6.238  | 6.876  | 48770757 | 40955215 | 5.480   | 19.653 #  |
| 17)                         | MA 4,4'-DDT     | 6.480  | 7.172  | 2458.3E6 | 545.9E6  | 248.151 | 236.071   |
| 18)                         | B Endrin al...  | 6.574  | 7.108f | 34876229 | 12353864 | 3.804   | 5.624 #   |
| 19)                         | B Endosulfa...  | 6.790  | 7.298  | 1342.9E6 | 33066318 | 132.020 | 13.477 #  |
| 20)                         | A Methoxychlor  | 7.011f | 7.650f | 122.9E6  | 240.8E6  | 24.920  | 185.385 # |
| 21)                         | B Endrin ke...  | 7.287  | 0.000  | 199.7E6  | 0        | 18.549  | N.D. #    |
| 23)                         | Chlordane-1     | 4.413  | 5.050  | 5079901  | 1023394  | 14.323  | 12.203    |
| 24)                         | Chlordane-2     | 4.960f | 5.530f | 14899689 | 22327516 | 38.669  | 227.318 # |
| 25)                         | Chlordane-3     | 5.514  | 6.168  | 49376789 | -4748445 | 42.836  | N.D. #    |
| 26)                         | Chlordane-4     | 5.570  | 6.223  | 16902561 | 8578248  | 18.030  | 19.108    |
| 27)                         | Chlordane-5     | 6.429f | 7.052  | 19285408 | 1382388  | 52.758  | 18.083 #  |
| -----                       |                 |        |        |          |          |         |           |

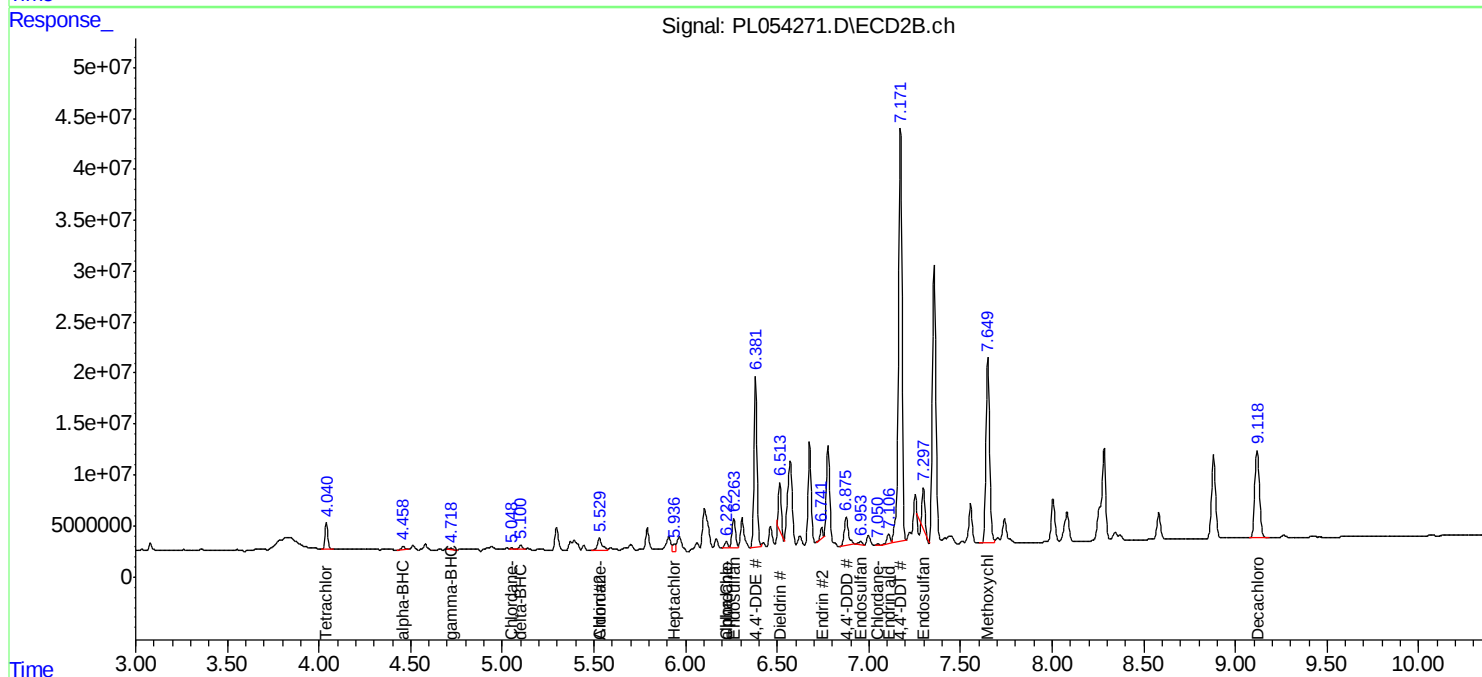
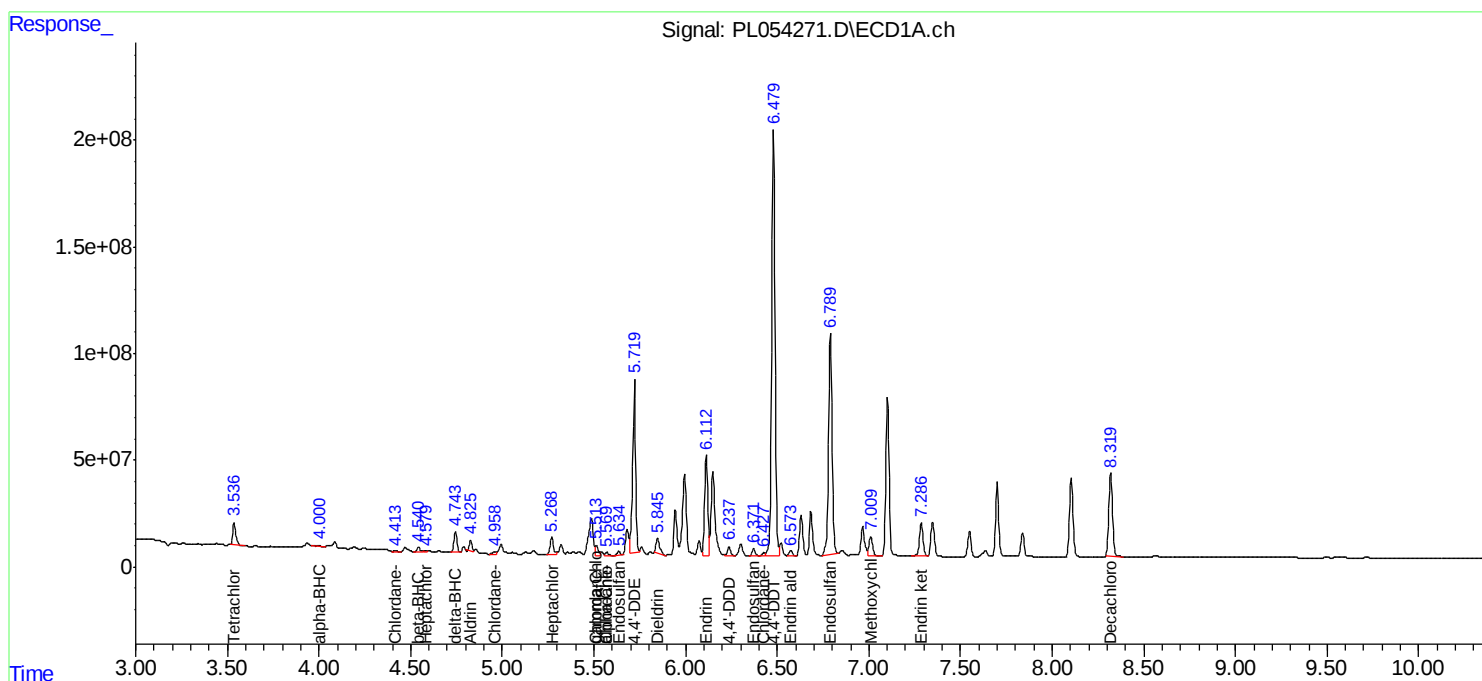
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

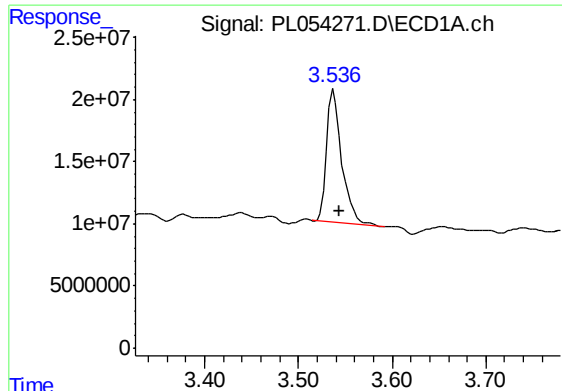
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111519\  
Data File : PL054271.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Nov 2019 10:56  
Operator : SG\AJ  
Sample : K5813-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 16 00:18:56 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

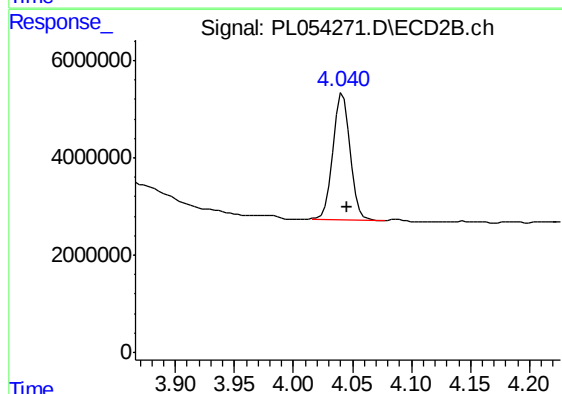




#1 Tetrachloro-m-xylene

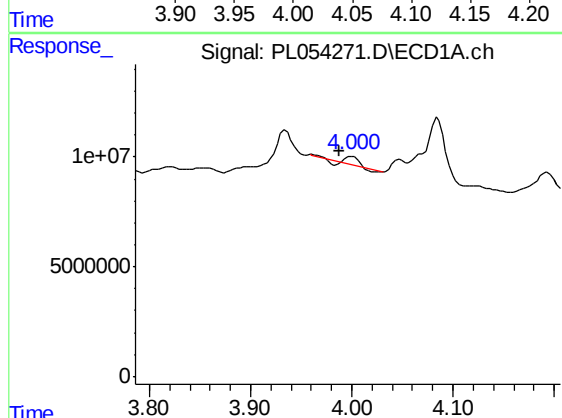
R.T.: 3.538 min  
Delta R.T.: -0.006 min  
Response: 118986880  
Conc: 10.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B



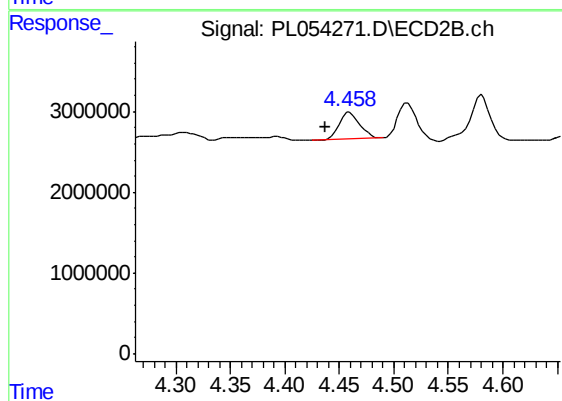
#1 Tetrachloro-m-xylene

R.T.: 4.042 min  
Delta R.T.: -0.004 min  
Response: 26764908  
Conc: 10.70 ng/ml



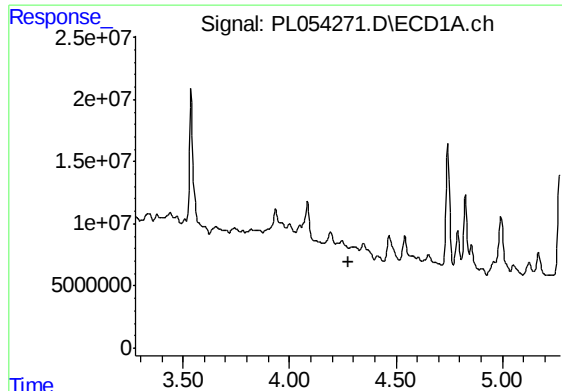
#2 alpha-BHC

R.T.: 4.001 min  
Delta R.T.: 0.013 min  
Response: 2168981  
Conc: 0.12 ng/ml



#2 alpha-BHC

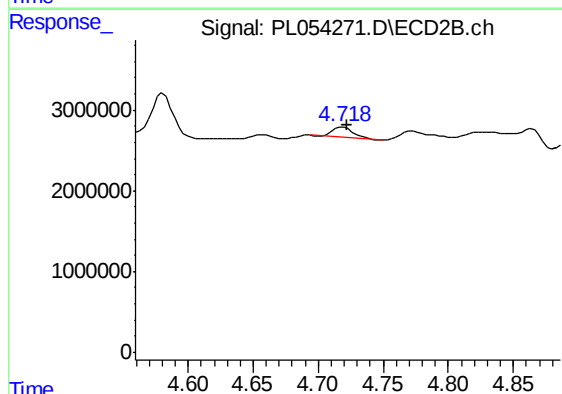
R.T.: 4.459 min  
Delta R.T.: 0.023 min  
Response: 4406153  
Conc: 1.27 ng/ml



#3 gamma-BHC (Lindane)

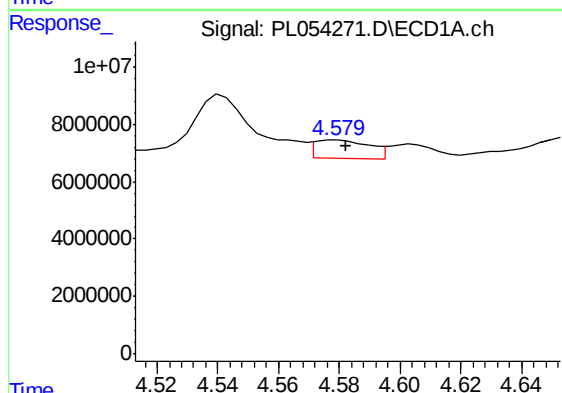
R.T.: 0.000 min  
Exp R.T.: 4.275 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B



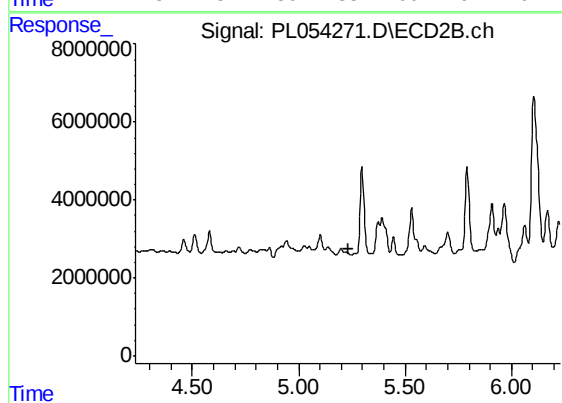
#3 gamma-BHC (Lindane)

R.T.: 4.719 min  
Delta R.T.: -0.003 min  
Response: 1389616  
Conc: 0.43 ng/ml



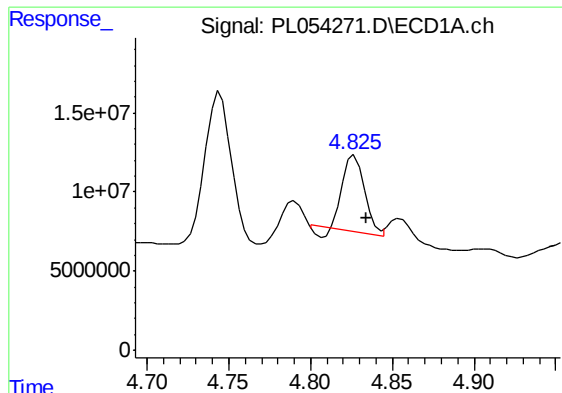
#4 Heptachlor

R.T.: 4.580 min  
Delta R.T.: -0.002 min  
Response: 7955542  
Conc: 0.50 ng/ml



#4 Heptachlor

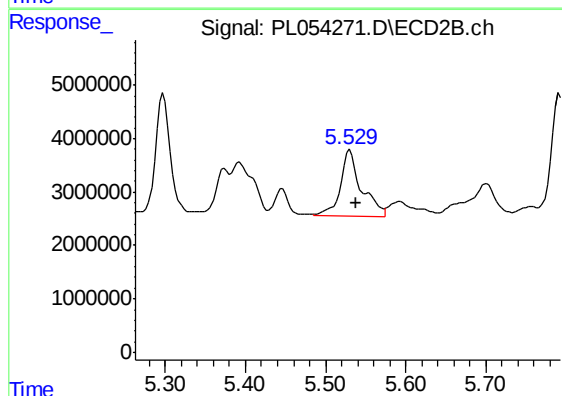
R.T.: 0.000 min  
Exp R.T.: 5.232 min  
Response: 0  
Conc: N.D.



#5 Aldrin

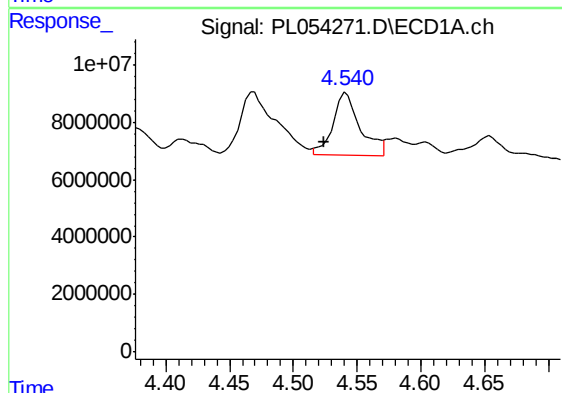
R.T.: 4.827 min  
Delta R.T.: -0.007 min  
Response: 43114793  
Conc: 3.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B



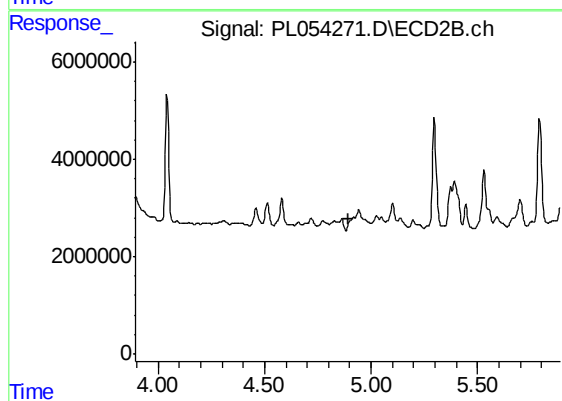
#5 Aldrin

R.T.: 5.530 min  
Delta R.T.: -0.007 min  
Response: 22327516  
Conc: 7.49 ng/ml



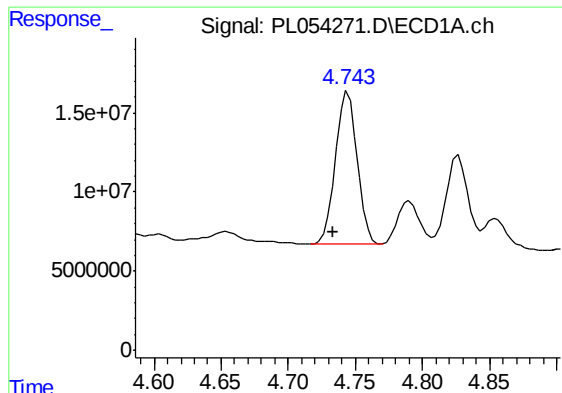
#6 beta-BHC

R.T.: 4.542 min  
Delta R.T.: 0.017 min  
Response: 32482374  
Conc: 4.93 ng/ml



#6 beta-BHC

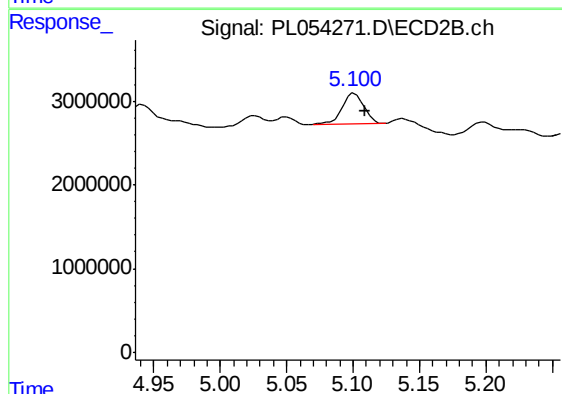
R.T.: 0.000 min  
Exp R.T. : 4.892 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

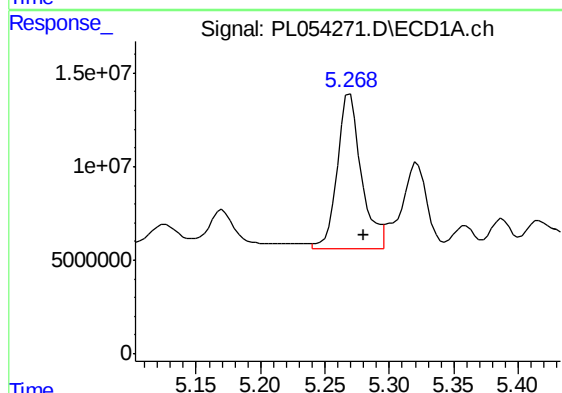
R.T.: 4.745 min  
Delta R.T.: 0.011 min  
Response: 108782361  
Conc: 7.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B



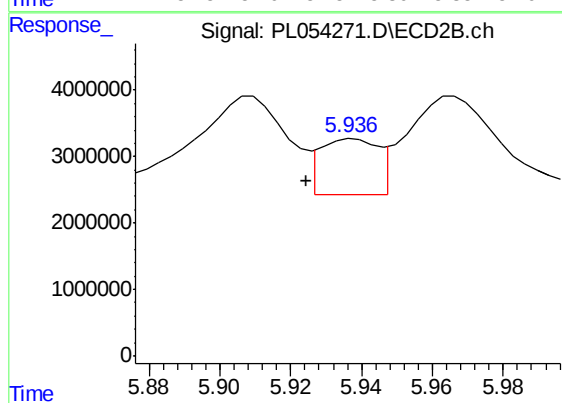
#7 delta-BHC

R.T.: 5.101 min  
Delta R.T.: -0.008 min  
Response: 4301244  
Conc: 1.42 ng/ml



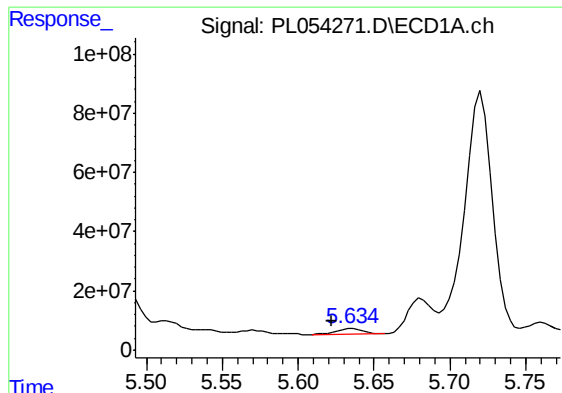
#8 Heptachlor epoxide

R.T.: 5.269 min  
Delta R.T.: -0.011 min  
Response: 107830800  
Conc: 7.99 ng/ml



#8 Heptachlor epoxide

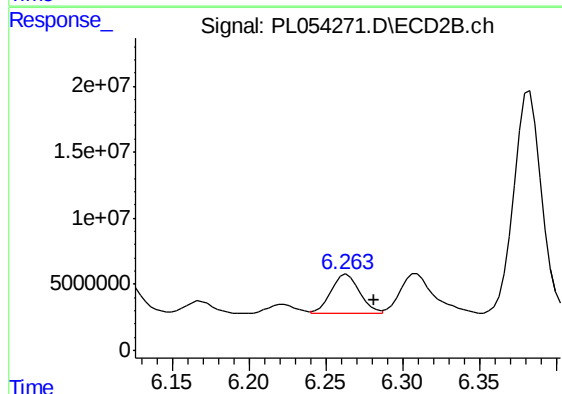
R.T.: 5.938 min  
Delta R.T.: 0.013 min  
Response: 9528898  
Conc: 3.27 ng/ml



#9 Endosulfan I

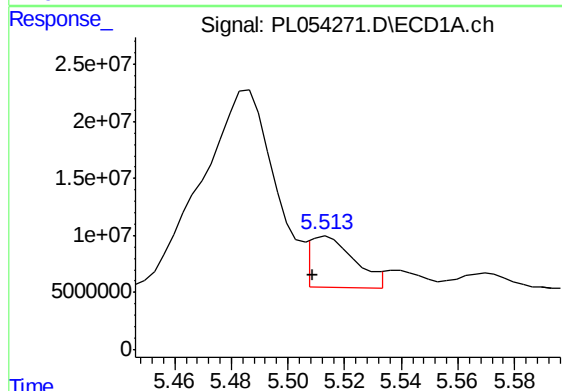
R.T.: 5.635 min  
Delta R.T.: 0.013 min  
Response: 21320269  
Conc: 1.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B



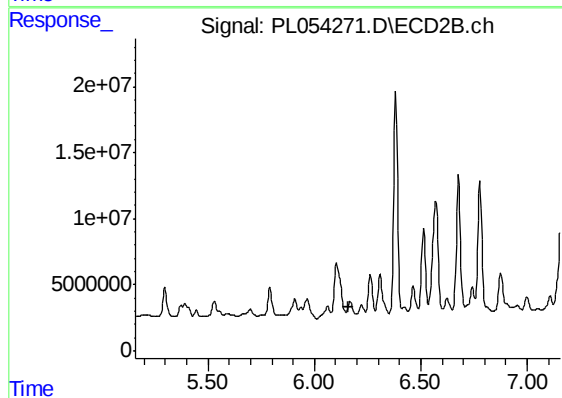
#9 Endosulfan I

R.T.: 6.264 min  
Delta R.T.: -0.017 min  
Response: 37838703  
Conc: 13.96 ng/ml



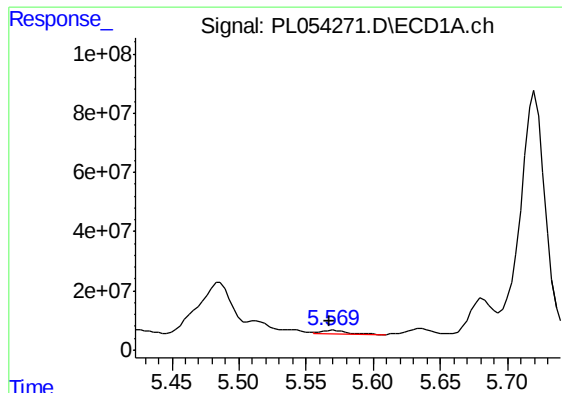
#10 gamma-Chlordane

R.T.: 5.514 min  
Delta R.T.: 0.005 min  
Response: 49376789  
Conc: 3.62 ng/ml



#10 gamma-Chlordane

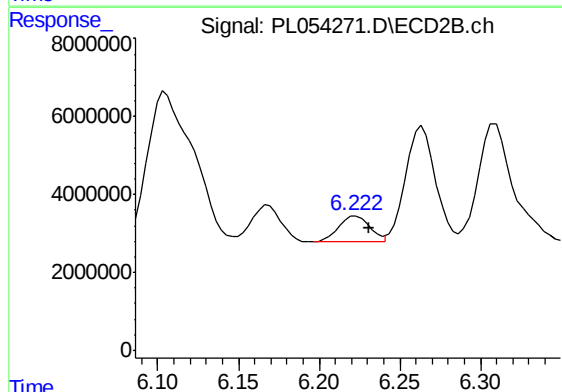
R.T.: 6.168 min  
Delta R.T.: 0.011 min  
Response: -4748445  
Conc: N.D.



#11 alpha-Chlordane

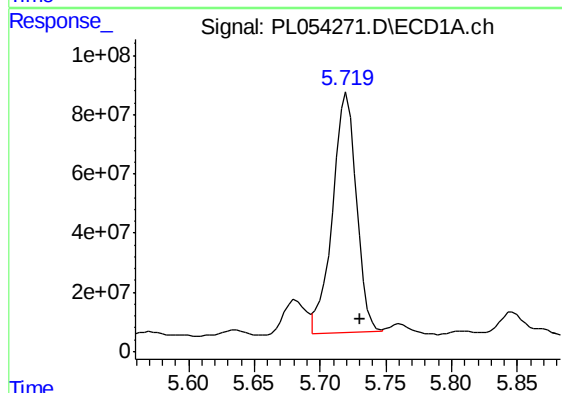
R.T.: 5.570 min  
Delta R.T.: 0.003 min  
Response: 16902561  
Conc: 1.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B



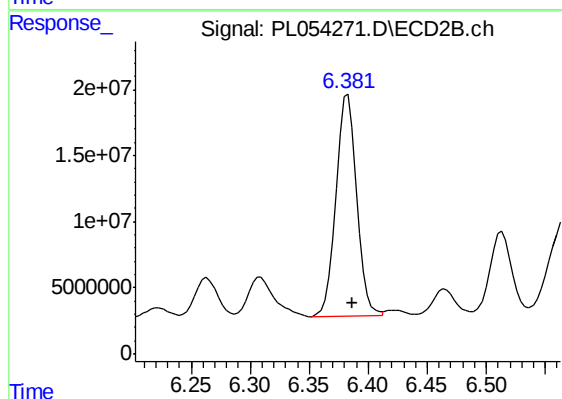
#11 alpha-Chlordane

R.T.: 6.223 min  
Delta R.T.: -0.008 min  
Response: 8578248  
Conc: 2.94 ng/ml



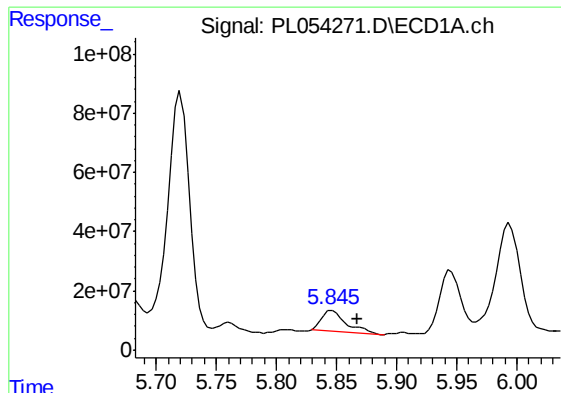
#12 4,4'-DDE

R.T.: 5.721 min  
Delta R.T.: -0.010 min  
Response: 1022868567  
Conc: 86.08 ng/ml



#12 4,4'-DDE

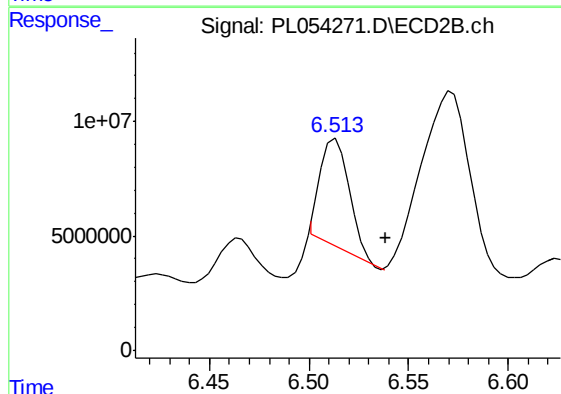
R.T.: 6.383 min  
Delta R.T.: -0.004 min  
Response: 207841123  
Conc: 73.80 ng/ml



#13 Dieldrin

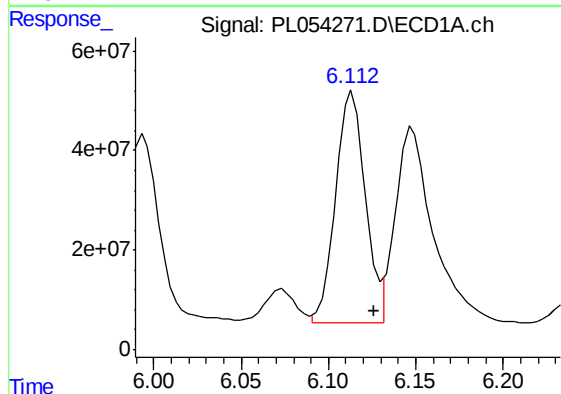
R.T.: 5.847 min  
Delta R.T.: -0.021 min  
Response: 96154698  
Conc: 7.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B



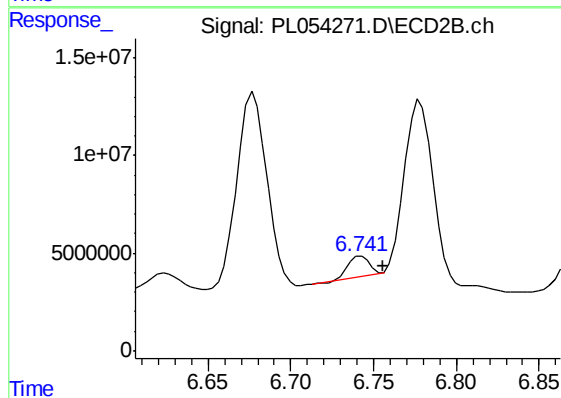
#13 Dieldrin

R.T.: 6.513 min  
Delta R.T.: -0.025 min  
Response: 47596138  
Conc: 16.68 ng/ml



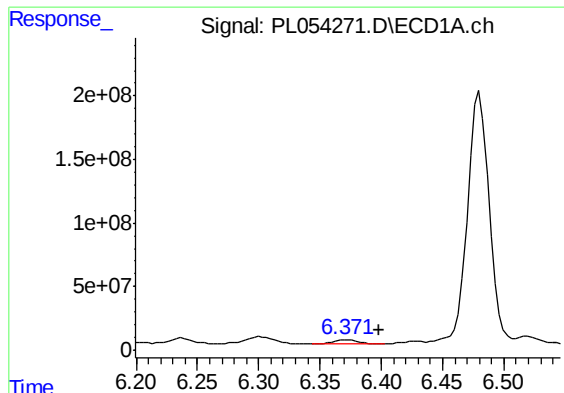
#14 Endrin

R.T.: 6.114 min  
Delta R.T.: -0.012 min  
Response: 552213057  
Conc: 47.64 ng/ml



#14 Endrin

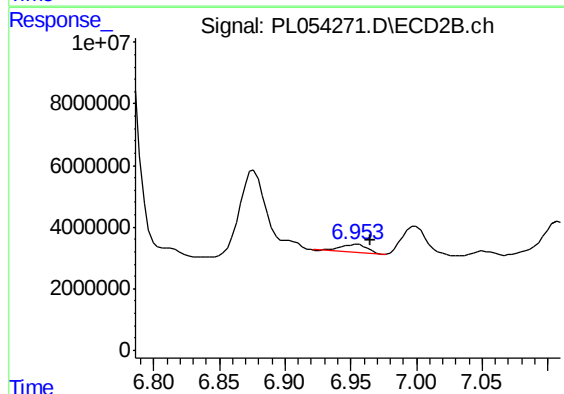
R.T.: 6.743 min  
Delta R.T.: -0.013 min  
Response: 9256537  
Conc: 3.81 ng/ml



#15 Endosulfan II

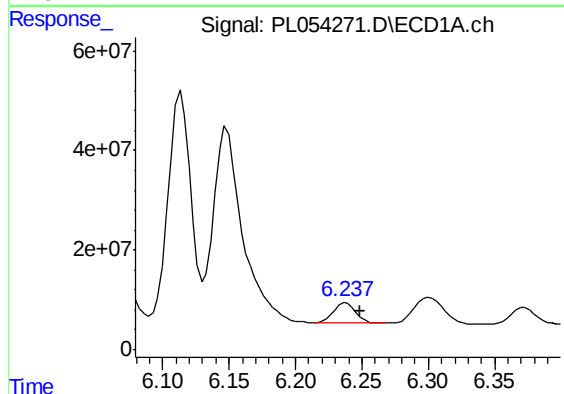
R.T.: 6.372 min  
Delta R.T.: -0.027 min  
Response: 45302197  
Conc: 4.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B



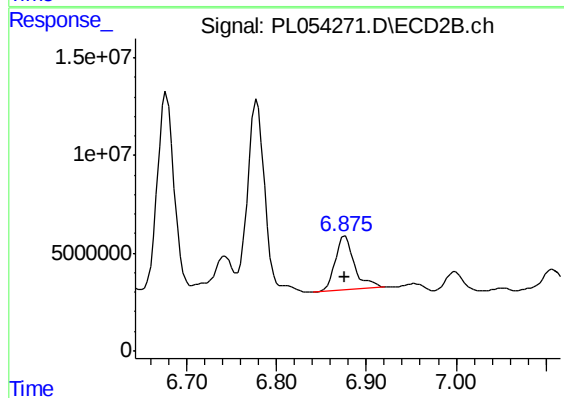
#15 Endosulfan II

R.T.: 6.955 min  
Delta R.T.: -0.010 min  
Response: 3929306  
Conc: 1.54 ng/ml



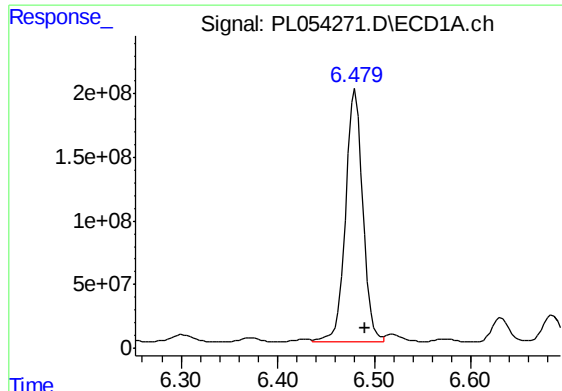
#16 4,4'-DDD

R.T.: 6.238 min  
Delta R.T.: -0.010 min  
Response: 48770757  
Conc: 5.48 ng/ml



#16 4,4'-DDD

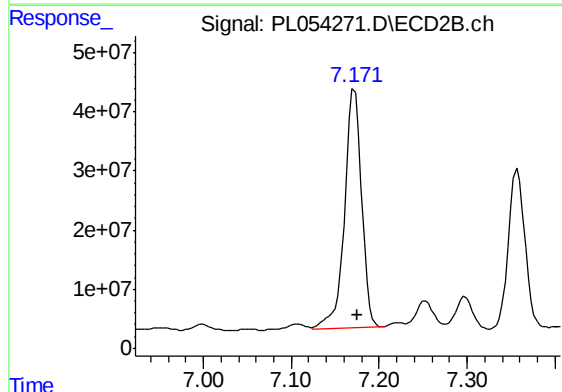
R.T.: 6.876 min  
Delta R.T.: 0.000 min  
Response: 40955215  
Conc: 19.65 ng/ml



#17 4,4'-DDT

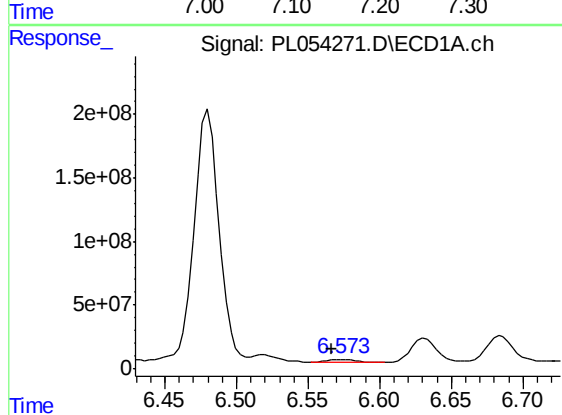
R.T.: 6.480 min  
Delta R.T.: -0.011 min  
Response: 2458261435  
Conc: 248.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B



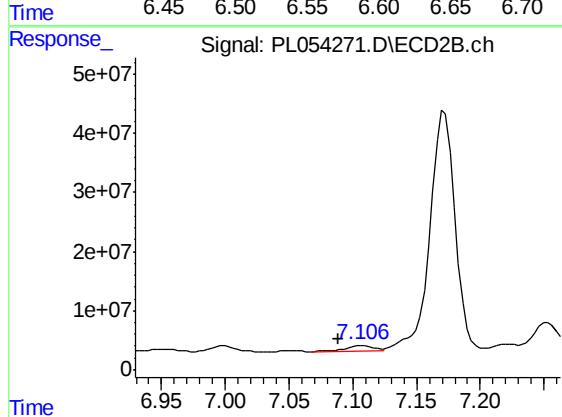
#17 4,4'-DDT

R.T.: 7.172 min  
Delta R.T.: -0.004 min  
Response: 545916301  
Conc: 236.07 ng/ml



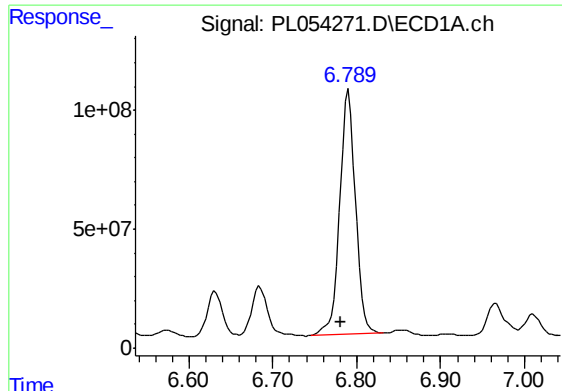
#18 Endrin aldehyde

R.T.: 6.574 min  
Delta R.T.: 0.007 min  
Response: 34876229  
Conc: 3.80 ng/ml



#18 Endrin aldehyde

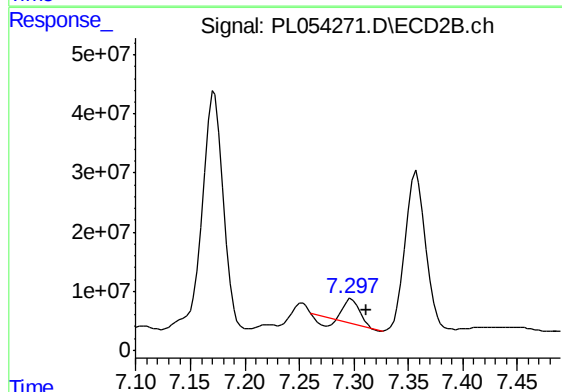
R.T.: 7.108 min  
Delta R.T.: 0.019 min  
Response: 12353864  
Conc: 5.62 ng/ml



#19 Endosulfan Sulfate

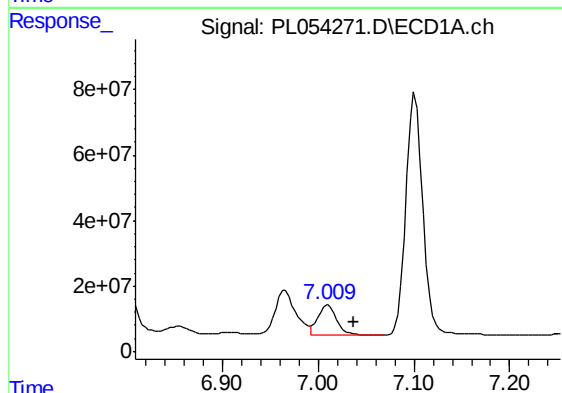
R.T.: 6.790 min  
Delta R.T.: 0.009 min  
Response: 1342857141  
Conc: 132.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B



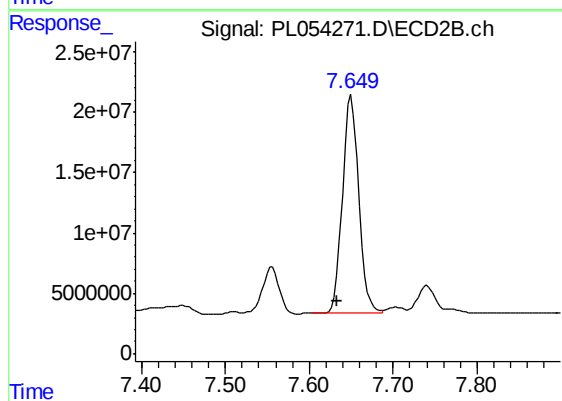
#19 Endosulfan Sulfate

R.T.: 7.298 min  
Delta R.T.: -0.013 min  
Response: 33066318  
Conc: 13.48 ng/ml



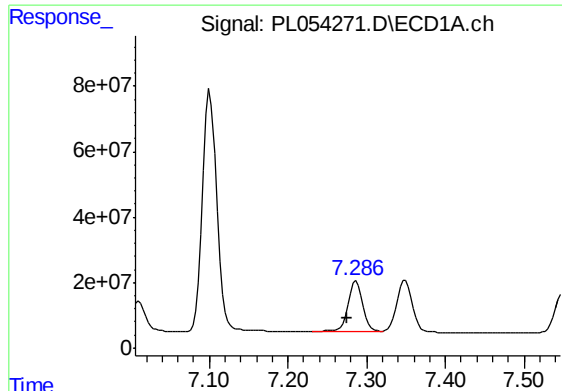
#20 Methoxychlor

R.T.: 7.011 min  
Delta R.T.: -0.027 min  
Response: 122862624  
Conc: 24.92 ng/ml



#20 Methoxychlor

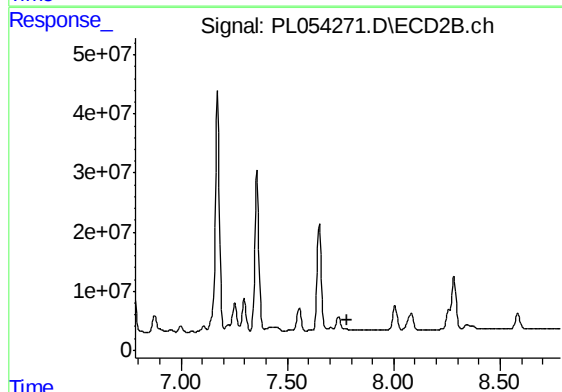
R.T.: 7.650 min  
Delta R.T.: 0.017 min  
Response: 240798265  
Conc: 185.38 ng/ml



#21 Endrin ketone

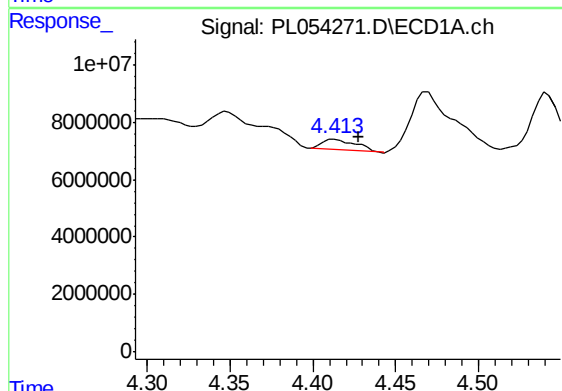
R.T.: 7.287 min  
Delta R.T.: 0.012 min  
Response: 199680020  
Conc: 18.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B



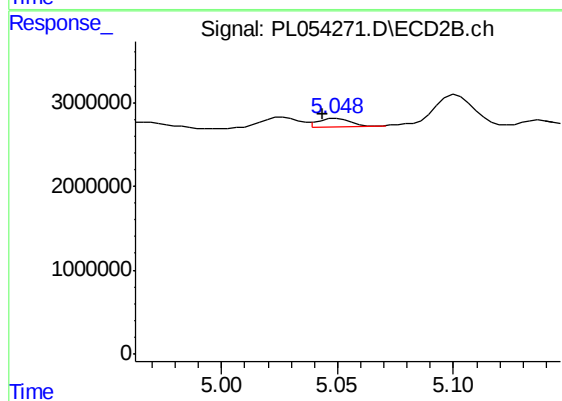
#21 Endrin ketone

R.T.: 0.000 min  
Exp R.T. : 7.783 min  
Response: 0  
Conc: N.D.



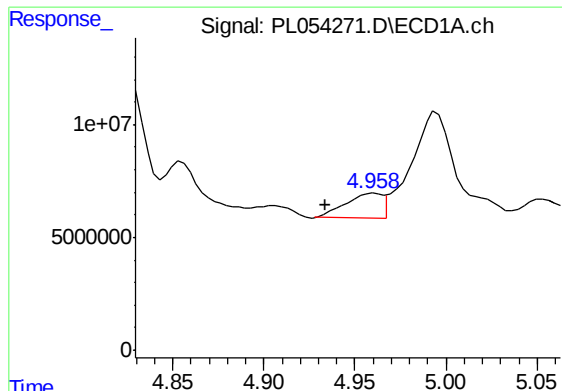
#23 Chlordane-1

R.T.: 4.413 min  
Delta R.T.: -0.015 min  
Response: 5079901  
Conc: 14.32 ng/ml



#23 Chlordane-1

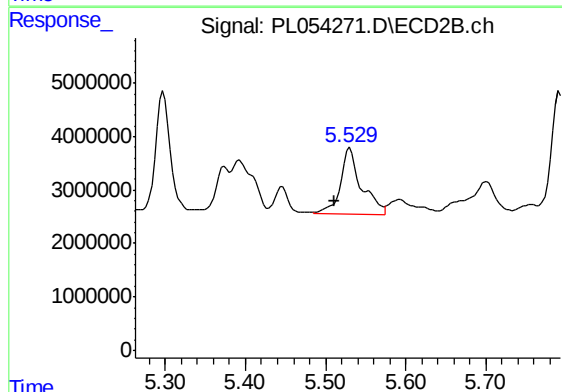
R.T.: 5.050 min  
Delta R.T.: 0.006 min  
Response: 1023394  
Conc: 12.20 ng/ml



#24 Chlordane-2

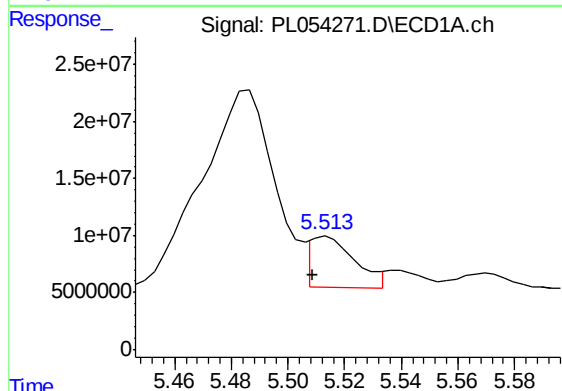
R.T.: 4.960 min  
Delta R.T.: 0.026 min  
Response: 14899689  
Conc: 38.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B



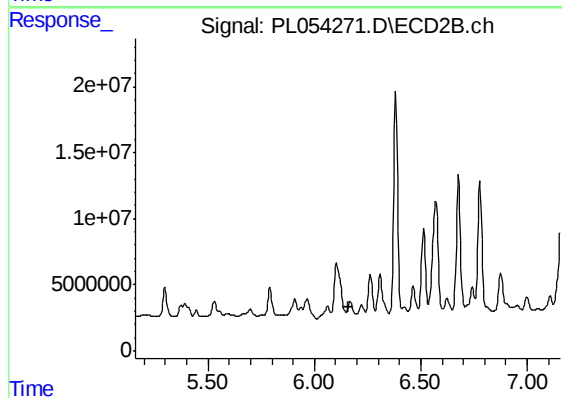
#24 Chlordane-2

R.T.: 5.530 min  
Delta R.T.: 0.020 min  
Response: 22327516  
Conc: 227.32 ng/ml



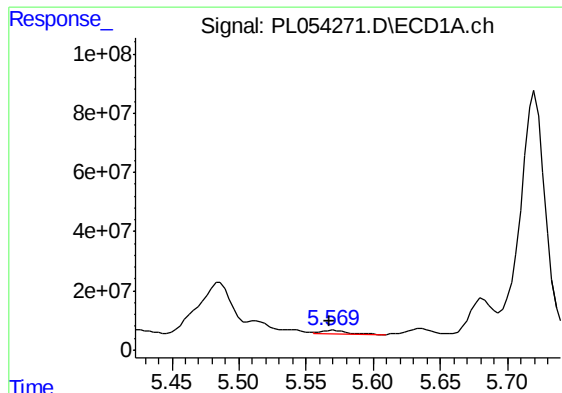
#25 Chlordane-3

R.T.: 5.514 min  
Delta R.T.: 0.005 min  
Response: 49376789  
Conc: 42.84 ng/ml



#25 Chlordane-3

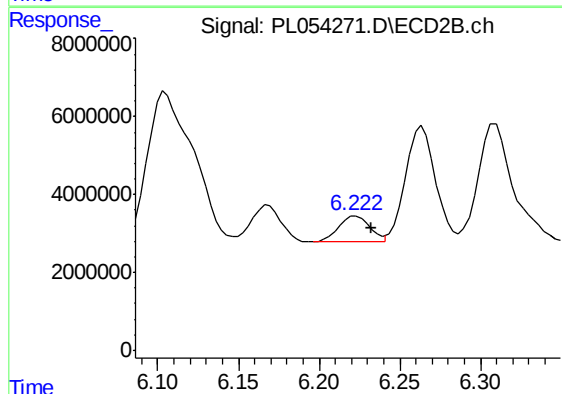
R.T.: 6.168 min  
Delta R.T.: 0.010 min  
Response: -4748445  
Conc: N.D.



#26 Chlordane-4

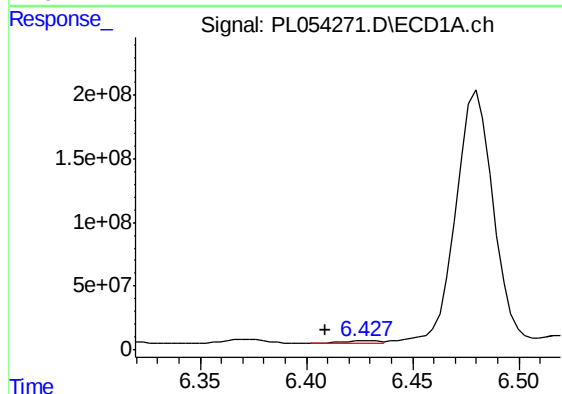
R.T.: 5.570 min  
Delta R.T.: 0.003 min  
Response: 16902561  
Conc: 18.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B



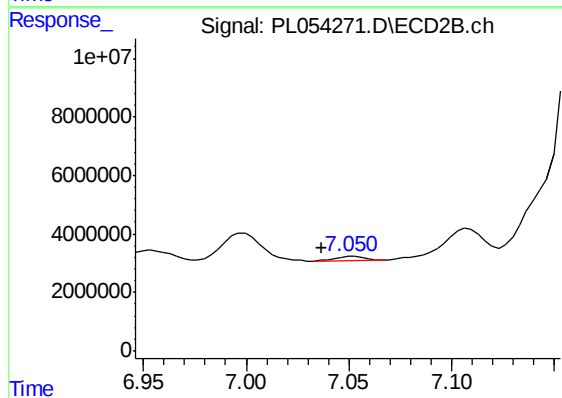
#26 Chlordane-4

R.T.: 6.223 min  
Delta R.T.: -0.009 min  
Response: 8578248  
Conc: 19.11 ng/ml



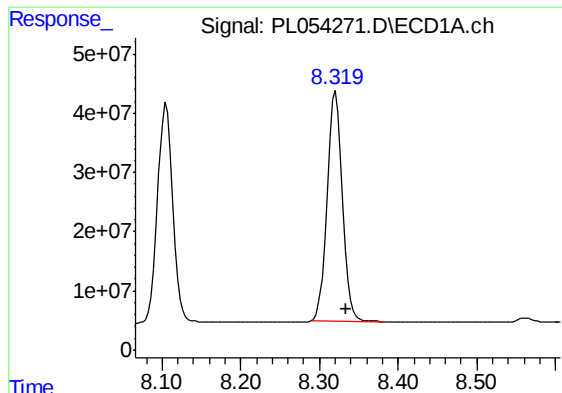
#27 Chlordane-5

R.T.: 6.429 min  
Delta R.T.: 0.020 min  
Response: 19285408  
Conc: 52.76 ng/ml



#27 Chlordane-5

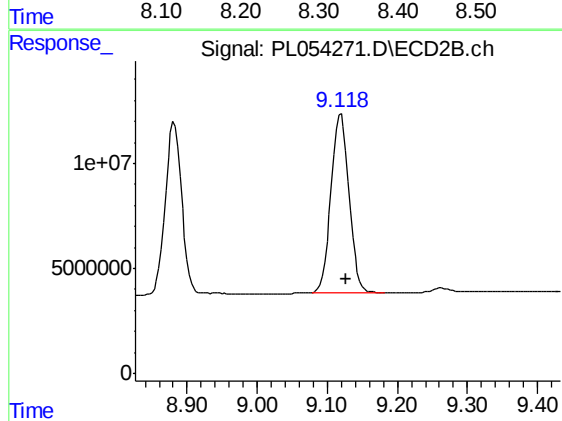
R.T.: 7.052 min  
Delta R.T.: 0.015 min  
Response: 1382388  
Conc: 18.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.320 min  
Delta R.T.: -0.014 min  
Response: 528270209  
Conc: 53.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-B



#28 Decachlorobiphenyl

R.T.: 9.120 min  
Delta R.T.: -0.007 min  
Response: 151814229  
Conc: 53.91 ng/ml