

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080919\  
 Data File : PL051250.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Aug 2019 16:02  
 Operator : SM\AJ  
 Sample : PB122103BS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB122103BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 10 02:31:28 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 19 01:19:13 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... | 3.318 | 3.928  | 191.6E6 | 52326556 | 19.072   | 18.340     |
| 28)                         | SA Decachlor... | 7.981 | 8.959  | 193.6E6 | 53469176 | 19.125   | 18.908     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.746 | 4.316  | 830.4E6 | 194.3E6  | 49.556   | 47.104     |
| 3)                          | MA gamma-BHC... | 4.022 | 4.600  | 779.7E6 | 186.6E6  | 50.688   | 48.181     |
| 4)                          | MA Heptachlor   | 4.305 | 5.101  | 847.0E6 | 202.8E6  | 51.620   | 48.895     |
| 5)                          | MB Aldrin       | 4.543 | 5.403  | 816.6E6 | 192.6E6  | 52.714   | 51.098     |
| 6)                          | B beta-BHC      | 4.277 | 4.777  | 330.7E6 | 88860834 | 50.439   | 51.399     |
| 7)                          | B delta-BHC     | 4.470 | 4.990  | 718.0E6 | 161.4E6  | 43.756   | 41.725     |
| 8)                          | B Heptachlor... | 4.980 | 5.790  | 762.5E6 | 180.2E6  | 51.612   | 47.120     |
| 9)                          | A Endosulfan I  | 5.310 | 6.145  | 728.3E6 | 171.8E6  | 50.073   | 49.953     |
| 10)                         | B gamma-Chl...  | 5.202 | 6.024  | 799.0E6 | 185.9E6  | 50.622   | 50.313     |
| 11)                         | B alpha-Chl...  | 5.258 | 6.095  | 767.5E6 | 183.7E6  | 50.310   | 50.130     |
| 12)                         | B 4,4'-DDE      | 5.425 | 6.256  | 778.8E6 | 185.7E6  | 51.967   | 51.546     |
| 13)                         | MA Dieldrin     | 5.549 | 6.401  | 789.3E6 | 180.5E6  | 50.934   | 50.982     |
| 14)                         | MA Endrin       | 5.801 | 6.619  | 746.1E6 | 155.7E6  | 50.683   | 50.213     |
| 15)                         | B Endosulfa...  | 6.077 | 6.830  | 673.7E6 | 156.5E6  | 48.142   | 49.237     |
| 16)                         | A 4,4'-DDD      | 5.936 | 6.746  | 633.5E6 | 137.7E6  | 52.867   | 51.699     |
| 17)                         | MA 4,4'-DDT     | 6.170 | 7.043  | 616.5E6 | 140.0E6  | 49.775   | 51.841     |
| 18)                         | B Endrin al...  | 6.244 | 6.955  | 556.4E6 | 128.0E6  | 48.232   | 47.086     |
| 19)                         | B Endosulfa...  | 6.455 | 7.178  | 637.9E6 | 151.2E6  | 50.076   | 52.343     |
| 20)                         | A Methoxychlor  | 6.715 | 7.505  | 311.2E6 | 77022763 | 49.878   | 52.494     |
| 21)                         | B Endrin ke...  | 6.936 | 7.646  | 670.4E6 | 152.4E6  | 49.016   | 52.719     |
| 22)                         | Mirex           | 7.109 | 8.095  | 460.4E6 | 112.3E6  | 46.958   | 48.908     |
| 24)                         | Chlordane-2     | 0.000 | 5.403f | 0       | 192.6E6  | N.D.     | 1639.418 # |
| 25)                         | Chlordane-3     | 5.202 | 6.024  | 799.0E6 | 185.9E6  | 570.787  | 386.548 #  |
| 26)                         | Chlordane-4     | 5.258 | 6.095  | 767.5E6 | 183.7E6  | 581.908  | 316.281 #  |
| 27)                         | Chlordane-5     | 6.077 | 0.000  | 673.7E6 | 0        | 1326.438 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

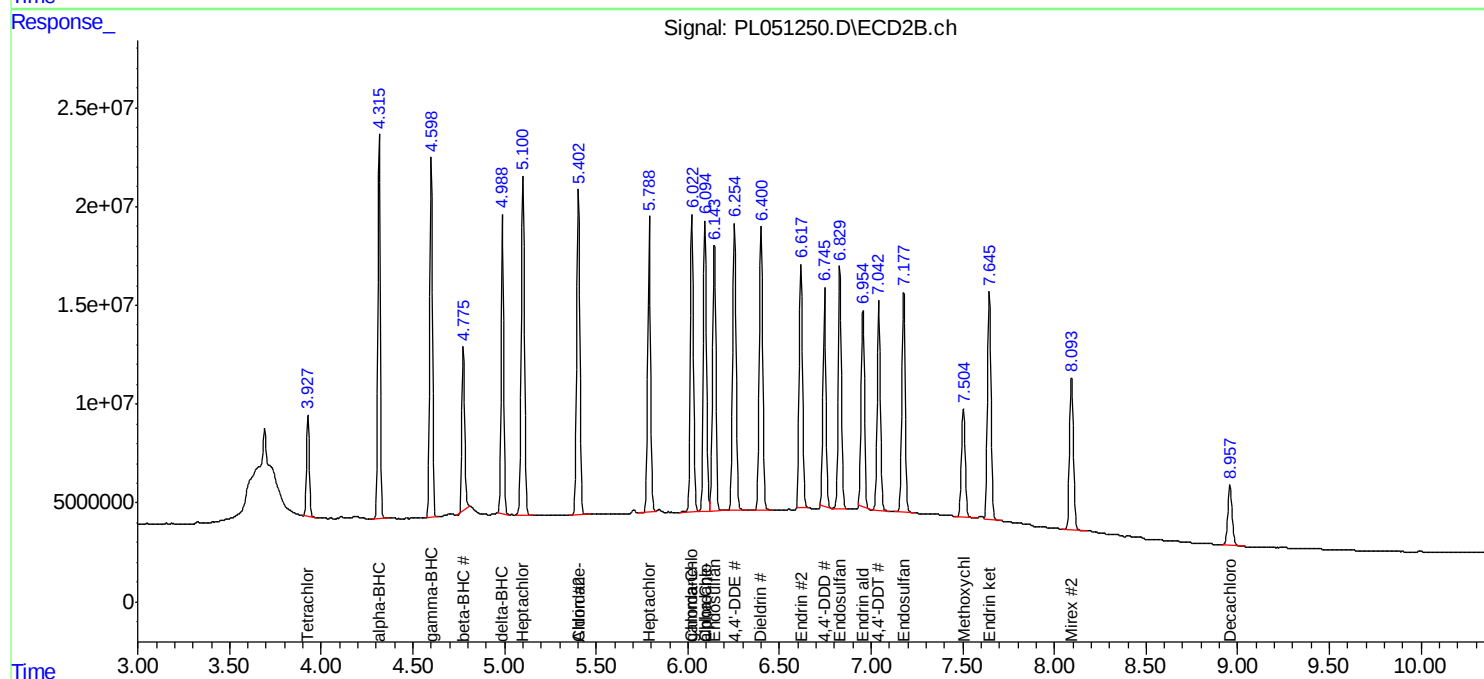
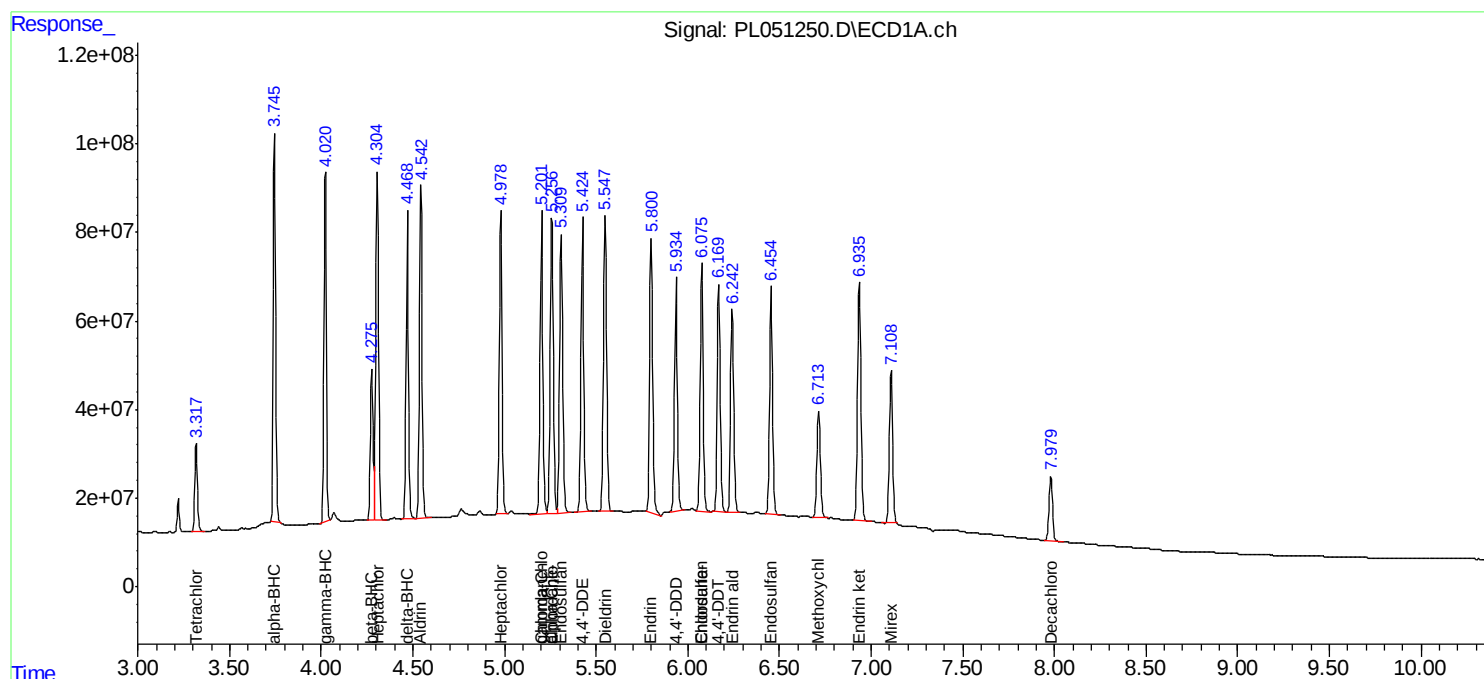
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

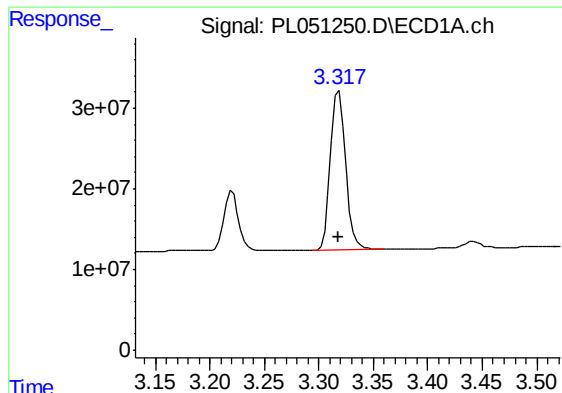
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080919\  
Data File : PL051250.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Aug 2019 16:02  
Operator : SM\AJ  
Sample : PB122103BS  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 02:31:28 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071719.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 19 01:19:13 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

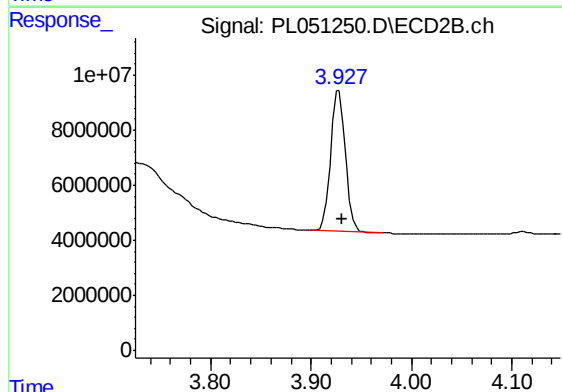




#1 Tetrachloro-m-xylene

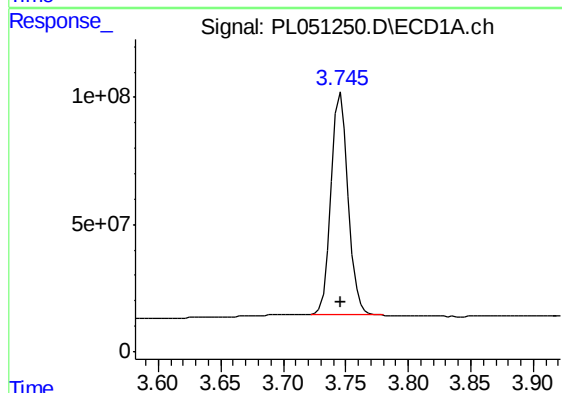
R.T.: 3.318 min  
Delta R.T.: 0.000 min  
Response: 191633979  
Conc: 19.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS



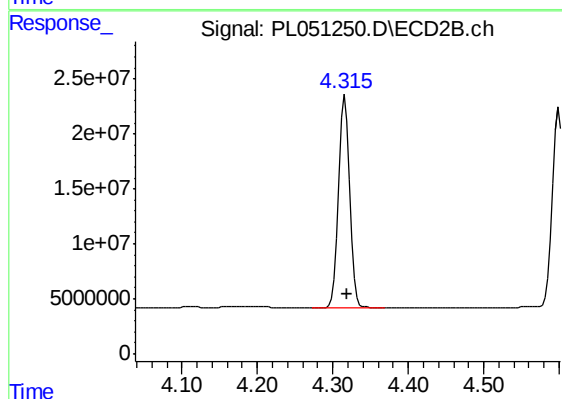
#1 Tetrachloro-m-xylene

R.T.: 3.928 min  
Delta R.T.: -0.003 min  
Response: 52326556  
Conc: 18.34 ng/ml



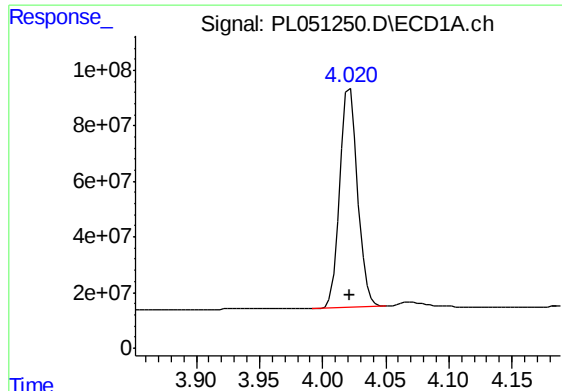
#2 alpha-BHC

R.T.: 3.746 min  
Delta R.T.: 0.000 min  
Response: 830444768  
Conc: 49.56 ng/ml



#2 alpha-BHC

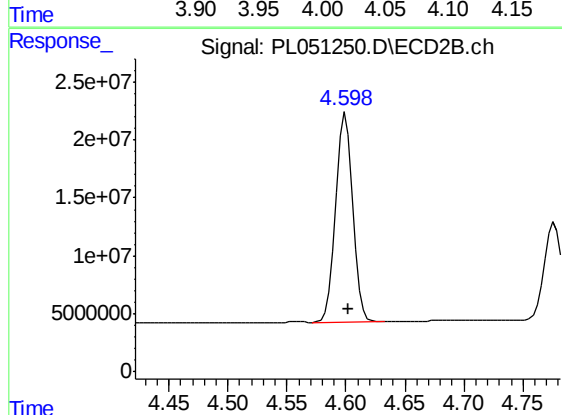
R.T.: 4.316 min  
Delta R.T.: -0.003 min  
Response: 194348814  
Conc: 47.10 ng/ml



#3 gamma-BHC (Lindane)

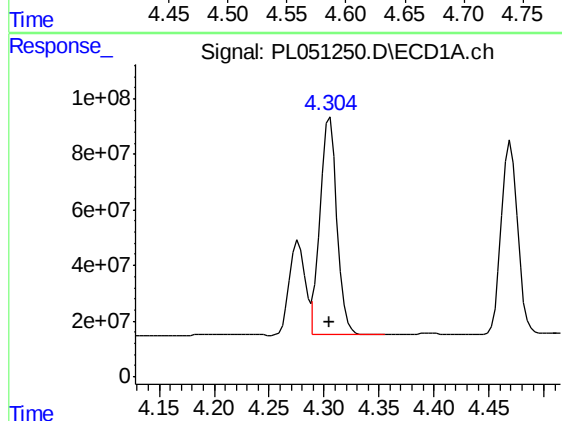
R.T.: 4.022 min  
Delta R.T.: 0.000 min  
Response: 779663994  
Conc: 50.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS



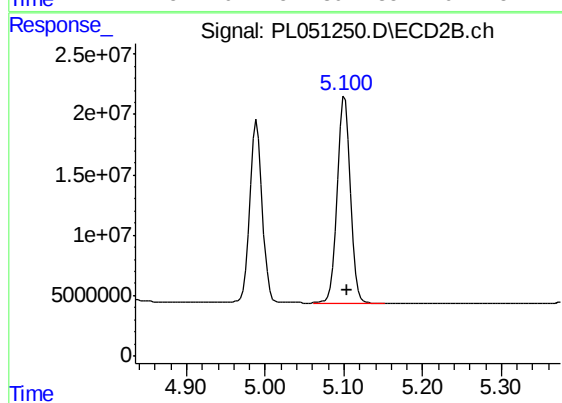
#3 gamma-BHC (Lindane)

R.T.: 4.600 min  
Delta R.T.: -0.002 min  
Response: 186614454  
Conc: 48.18 ng/ml



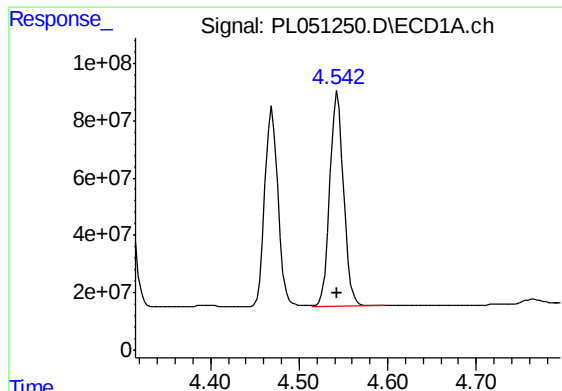
#4 Heptachlor

R.T.: 4.305 min  
Delta R.T.: 0.000 min  
Response: 846981609  
Conc: 51.62 ng/ml



#4 Heptachlor

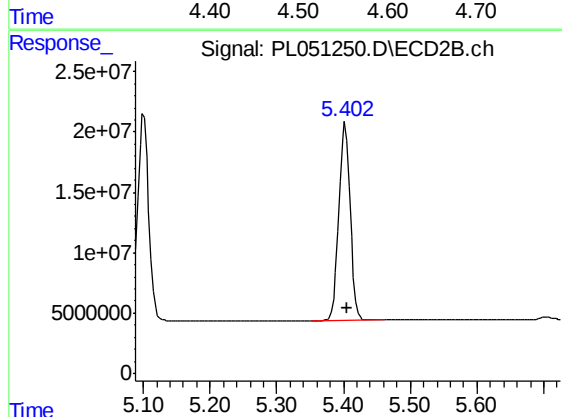
R.T.: 5.101 min  
Delta R.T.: -0.003 min  
Response: 202754075  
Conc: 48.90 ng/ml



#5 Aldrin

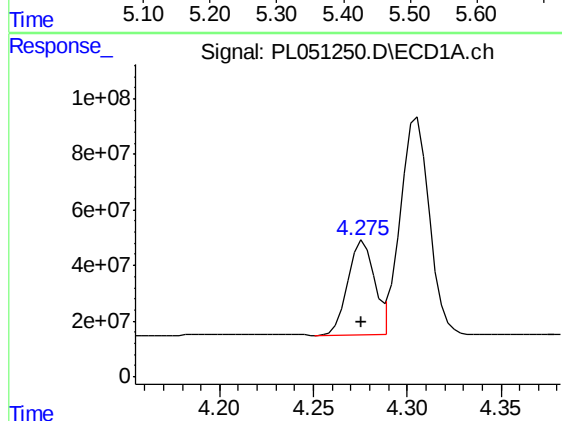
R.T.: 4.543 min  
Delta R.T.: 0.000 min  
Response: 816612459  
Conc: 52.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS



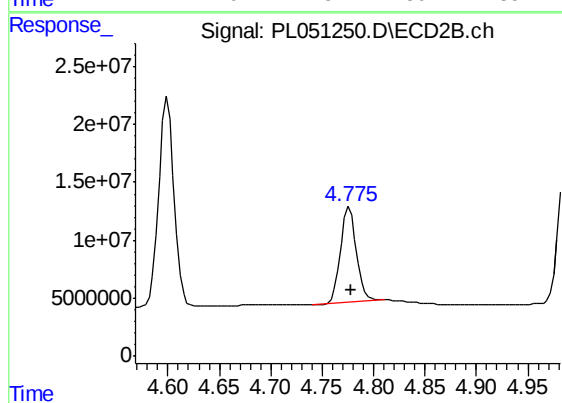
#5 Aldrin

R.T.: 5.403 min  
Delta R.T.: -0.002 min  
Response: 192553643  
Conc: 51.10 ng/ml



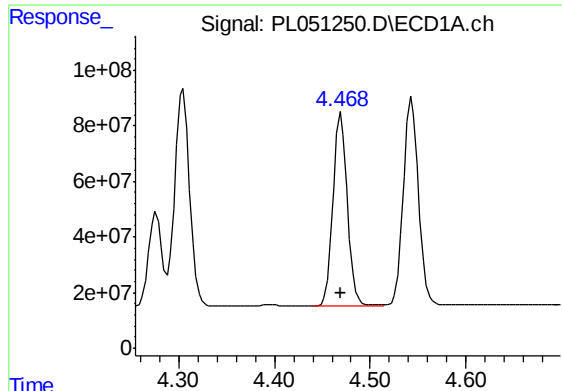
#6 beta-BHC

R.T.: 4.277 min  
Delta R.T.: 0.000 min  
Response: 330671863  
Conc: 50.44 ng/ml



#6 beta-BHC

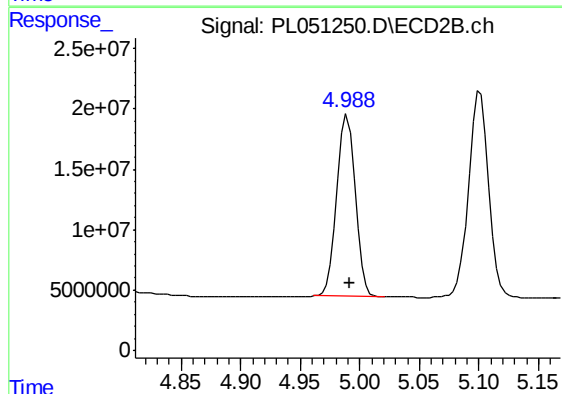
R.T.: 4.777 min  
Delta R.T.: -0.001 min  
Response: 88860834  
Conc: 51.40 ng/ml



#7 delta-BHC

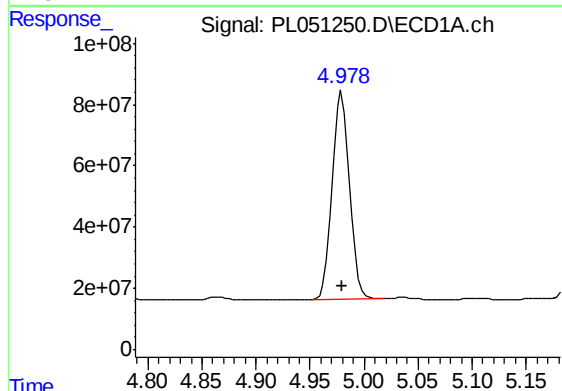
R.T.: 4.470 min  
Delta R.T.: 0.000 min  
Response: 717973722  
Conc: 43.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS



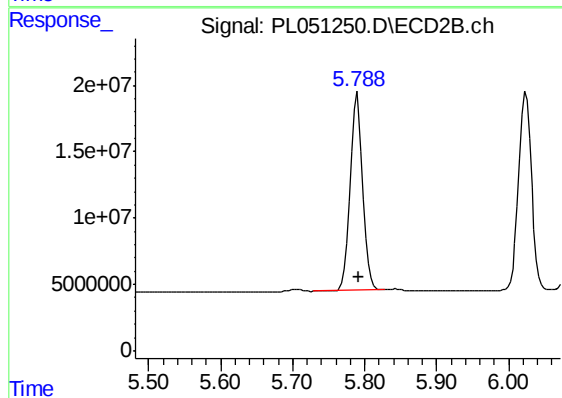
#7 delta-BHC

R.T.: 4.990 min  
Delta R.T.: -0.002 min  
Response: 161377547  
Conc: 41.73 ng/ml



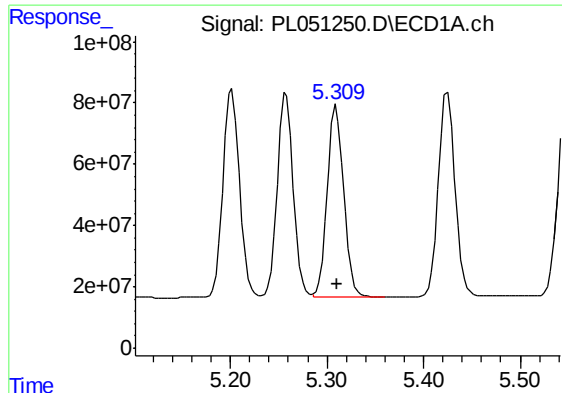
#8 Heptachlor epoxide

R.T.: 4.980 min  
Delta R.T.: 0.000 min  
Response: 762497690  
Conc: 51.61 ng/ml



#8 Heptachlor epoxide

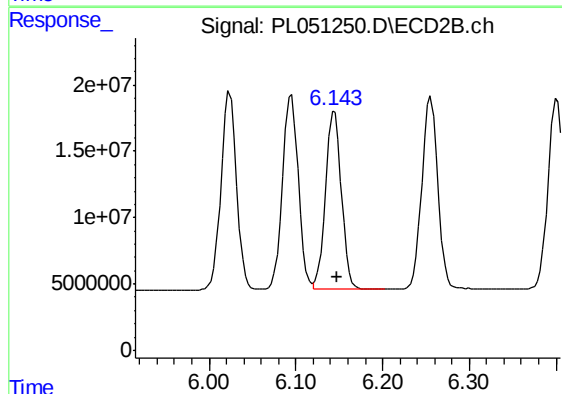
R.T.: 5.790 min  
Delta R.T.: -0.003 min  
Response: 180224584  
Conc: 47.12 ng/ml



#9 Endosulfan I

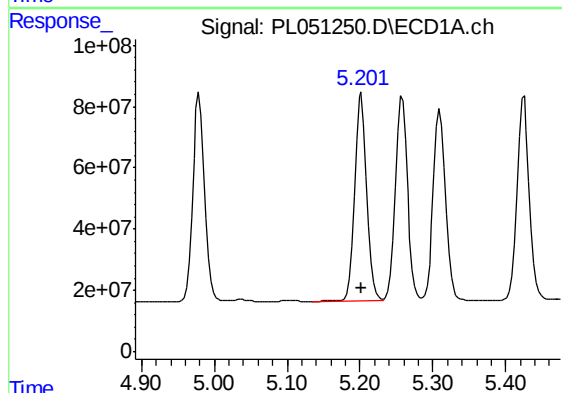
R.T.: 5.310 min  
Delta R.T.: 0.000 min  
Response: 728261482  
Conc: 50.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS



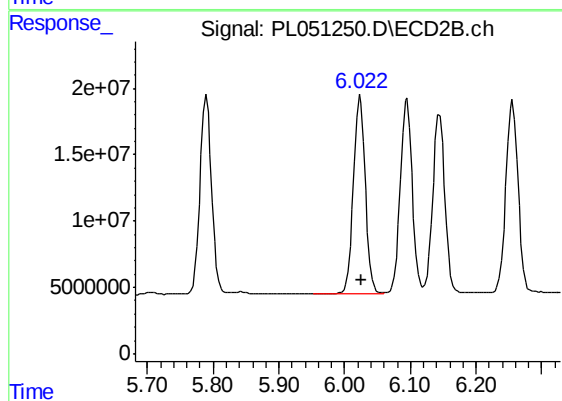
#9 Endosulfan I

R.T.: 6.145 min  
Delta R.T.: -0.003 min  
Response: 171782967  
Conc: 49.95 ng/ml



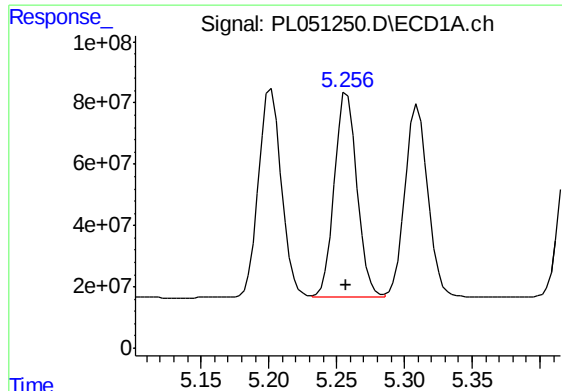
#10 gamma-Chlordane

R.T.: 5.202 min  
Delta R.T.: 0.000 min  
Response: 798981122  
Conc: 50.62 ng/ml



#10 gamma-Chlordane

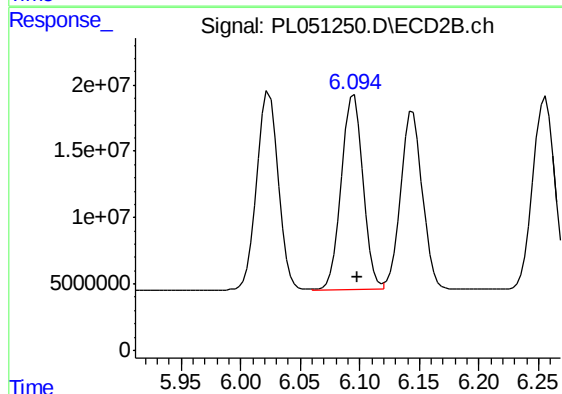
R.T.: 6.024 min  
Delta R.T.: -0.002 min  
Response: 185922035  
Conc: 50.31 ng/ml



#11 alpha-Chlordane

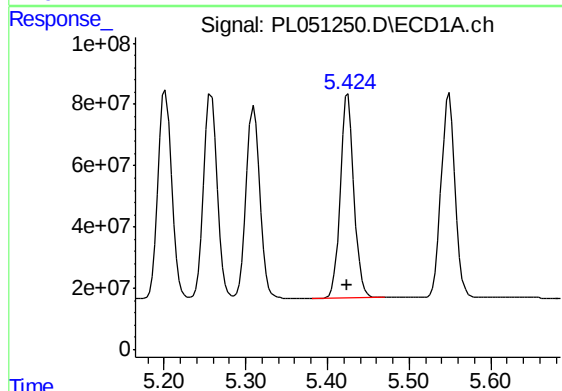
R.T.: 5.258 min  
Delta R.T.: 0.000 min  
Response: 767524017  
Conc: 50.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS



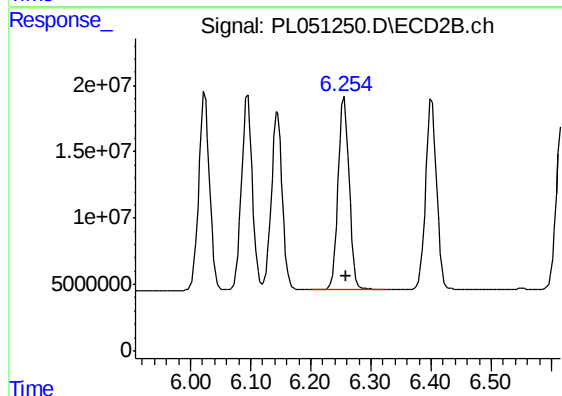
#11 alpha-Chlordane

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 183733191  
Conc: 50.13 ng/ml



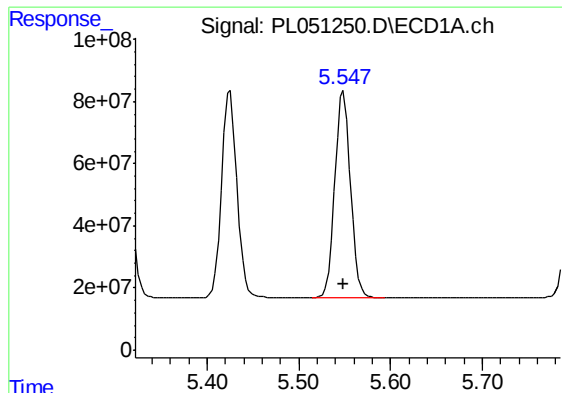
#12 4,4'-DDE

R.T.: 5.425 min  
Delta R.T.: 0.000 min  
Response: 778765282  
Conc: 51.97 ng/ml



#12 4,4'-DDE

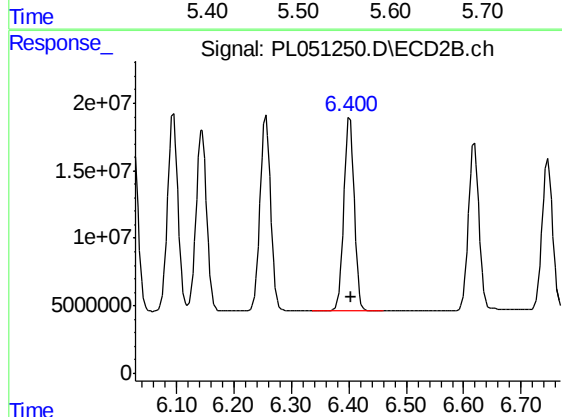
R.T.: 6.256 min  
Delta R.T.: -0.002 min  
Response: 185740464  
Conc: 51.55 ng/ml



#13 Dieldrin

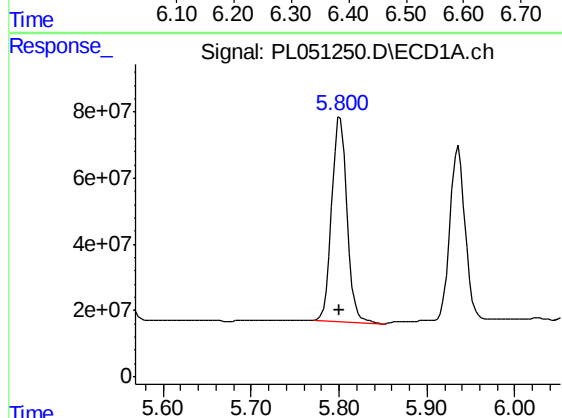
R.T.: 5.549 min  
Delta R.T.: 0.000 min  
Response: 789310458  
Conc: 50.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS



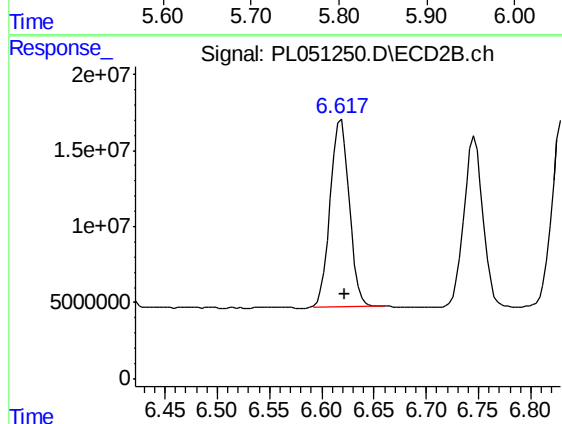
#13 Dieldrin

R.T.: 6.401 min  
Delta R.T.: -0.003 min  
Response: 180536195  
Conc: 50.98 ng/ml



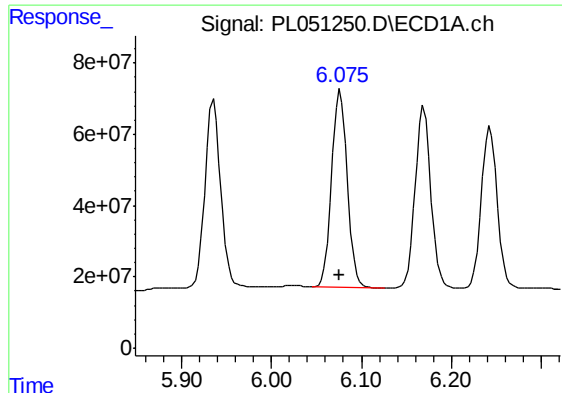
#14 Endrin

R.T.: 5.801 min  
Delta R.T.: 0.000 min  
Response: 746074608  
Conc: 50.68 ng/ml



#14 Endrin

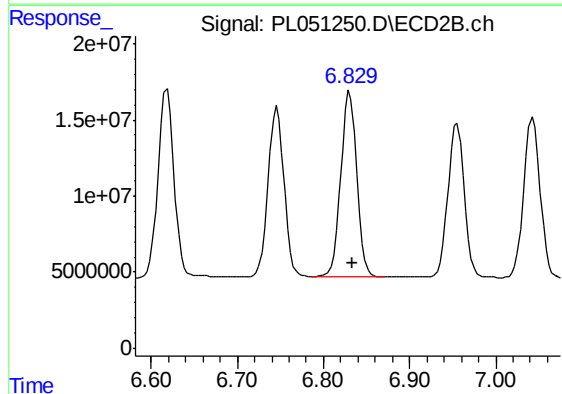
R.T.: 6.619 min  
Delta R.T.: -0.003 min  
Response: 155732173  
Conc: 50.21 ng/ml



#15 Endosulfan II

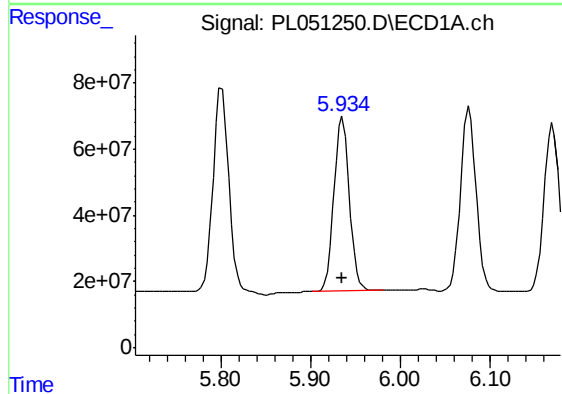
R.T.: 6.077 min  
Delta R.T.: 0.000 min  
Response: 673746710  
Conc: 48.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS



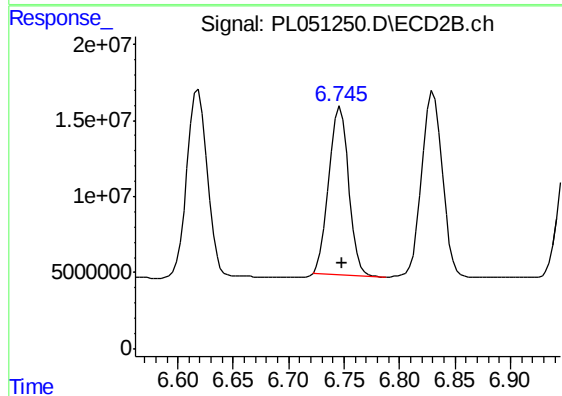
#15 Endosulfan II

R.T.: 6.830 min  
Delta R.T.: -0.003 min  
Response: 156534567  
Conc: 49.24 ng/ml



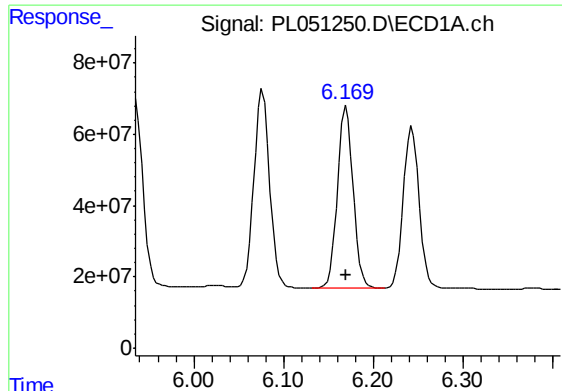
#16 4,4'-DDD

R.T.: 5.936 min  
Delta R.T.: 0.000 min  
Response: 633547437  
Conc: 52.87 ng/ml



#16 4,4'-DDD

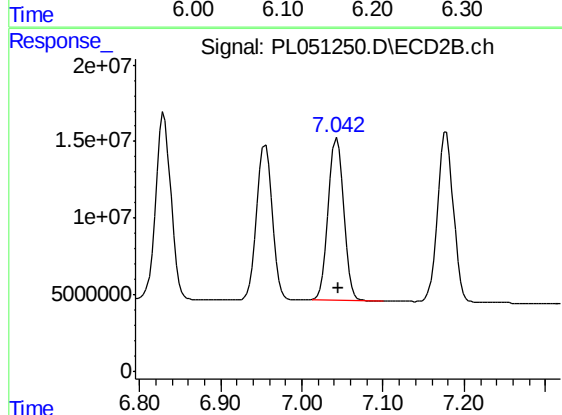
R.T.: 6.746 min  
Delta R.T.: -0.002 min  
Response: 137669339  
Conc: 51.70 ng/ml



#17 4,4'-DDT

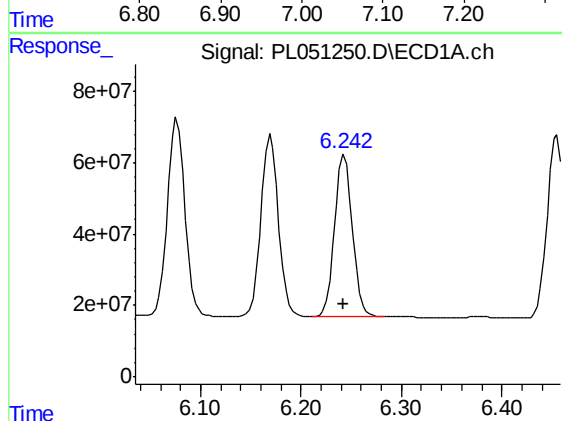
R.T.: 6.170 min  
Delta R.T.: 0.000 min  
Response: 616495450  
Conc: 49.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS



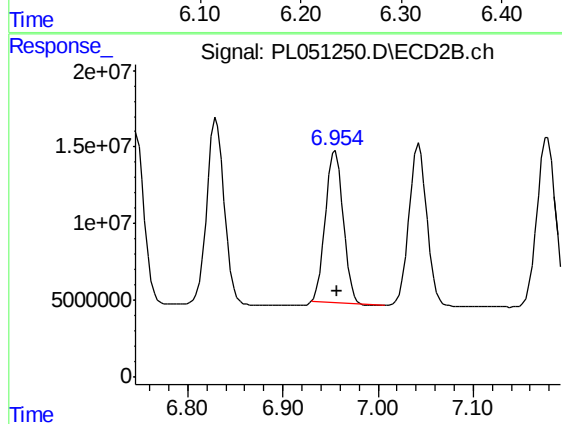
#17 4,4'-DDT

R.T.: 7.043 min  
Delta R.T.: -0.003 min  
Response: 139950854  
Conc: 51.84 ng/ml



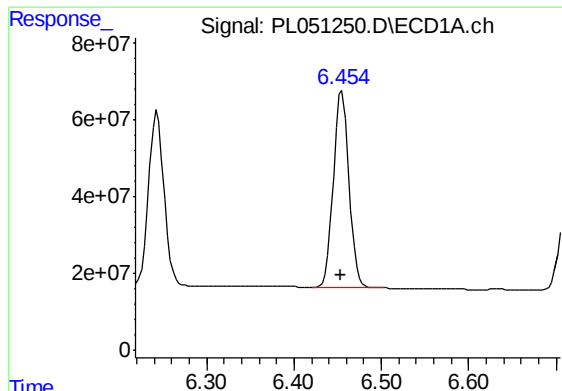
#18 Endrin aldehyde

R.T.: 6.244 min  
Delta R.T.: 0.000 min  
Response: 556419441  
Conc: 48.23 ng/ml



#18 Endrin aldehyde

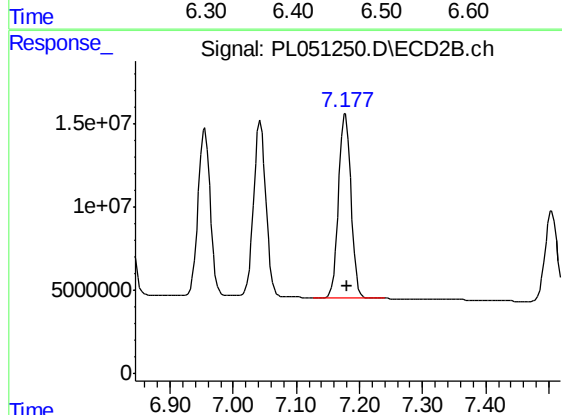
R.T.: 6.955 min  
Delta R.T.: -0.002 min  
Response: 127961560  
Conc: 47.09 ng/ml



#19 Endosulfan Sulfate

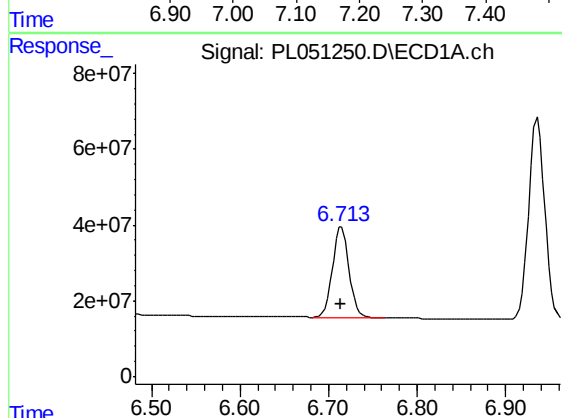
R.T.: 6.455 min  
Delta R.T.: 0.000 min  
Response: 637942688  
Conc: 50.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS



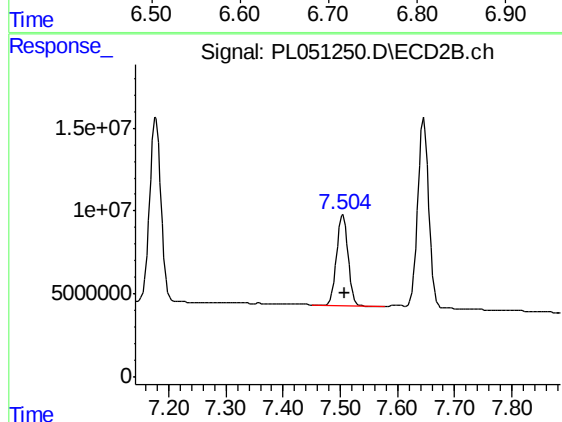
#19 Endosulfan Sulfate

R.T.: 7.178 min  
Delta R.T.: -0.002 min  
Response: 151177995  
Conc: 52.34 ng/ml



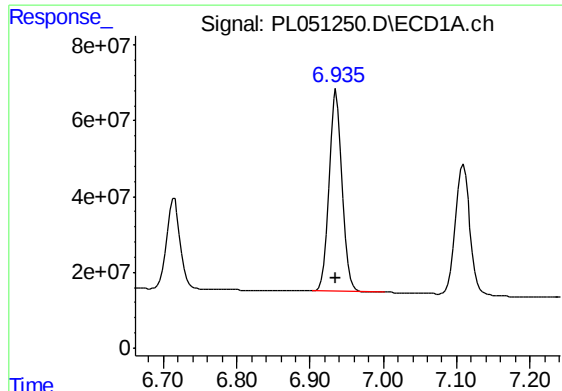
#20 Methoxychlor

R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 311187805  
Conc: 49.88 ng/ml



#20 Methoxychlor

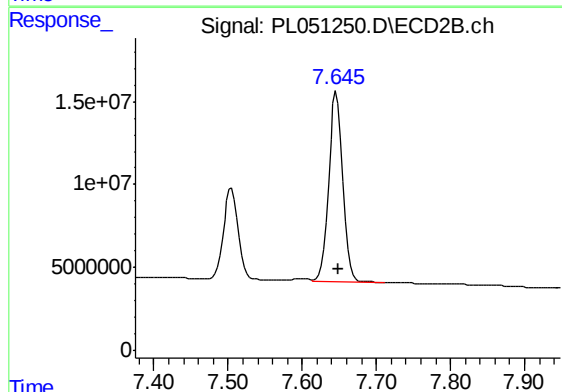
R.T.: 7.505 min  
Delta R.T.: -0.002 min  
Response: 77022763  
Conc: 52.49 ng/ml



#21 Endrin ketone

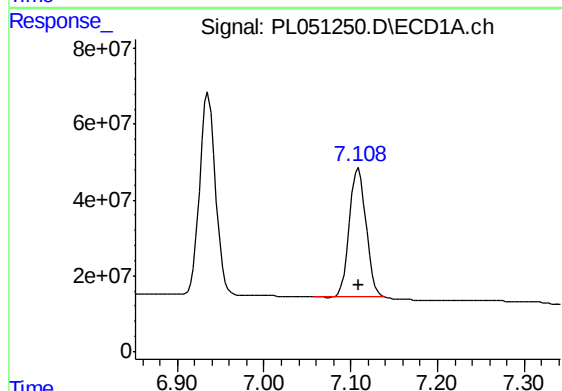
R.T.: 6.936 min  
Delta R.T.: 0.000 min  
Response: 670413707  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS



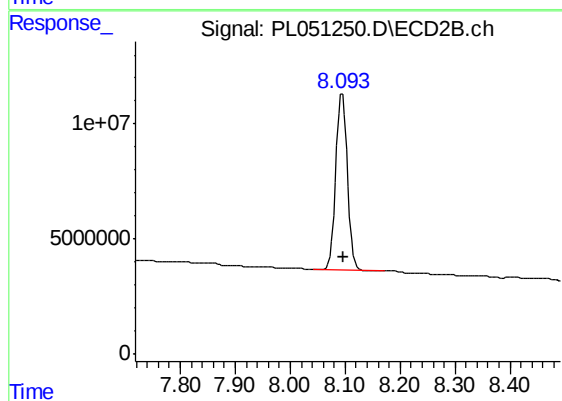
#21 Endrin ketone

R.T.: 7.646 min  
Delta R.T.: -0.002 min  
Response: 152425414  
Conc: 52.72 ng/ml



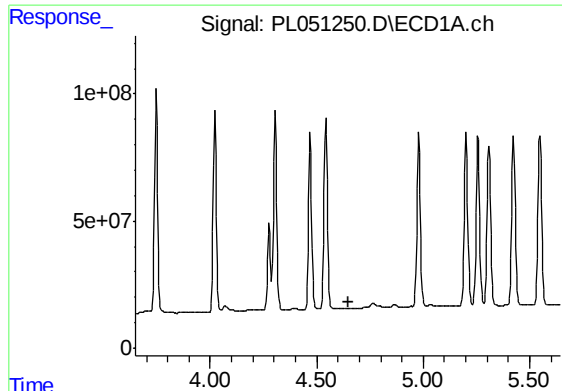
#22 Mirex

R.T.: 7.109 min  
Delta R.T.: 0.000 min  
Response: 460394409  
Conc: 46.96 ng/ml



#22 Mirex

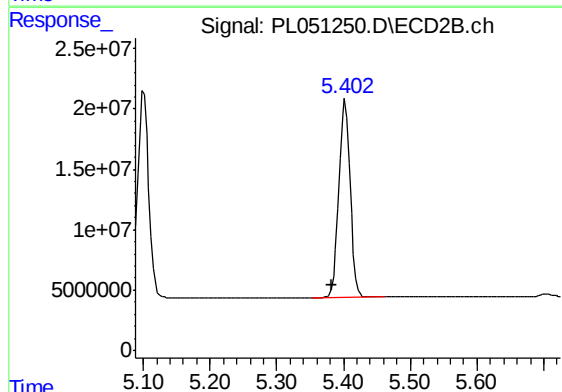
R.T.: 8.095 min  
Delta R.T.: -0.003 min  
Response: 112341932  
Conc: 48.91 ng/ml



#24 Chlordane-2

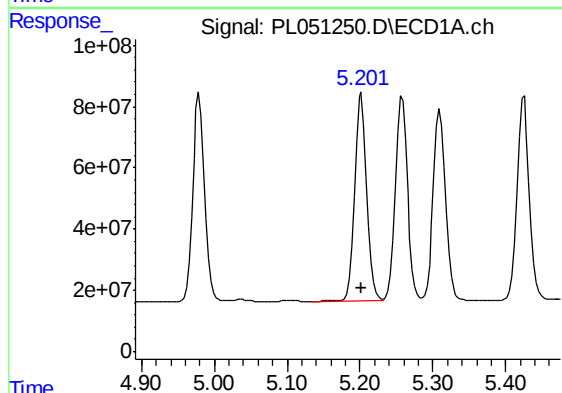
R.T.: 0.000 min  
Exp R.T.: 4.647 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS



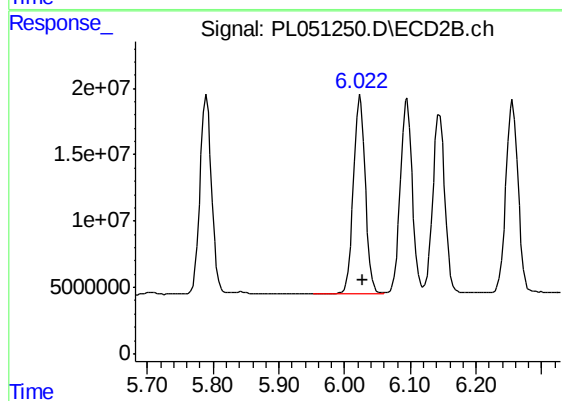
#24 Chlordane-2

R.T.: 5.403 min  
Delta R.T.: 0.020 min  
Response: 192553643  
Conc: 1639.42 ng/ml



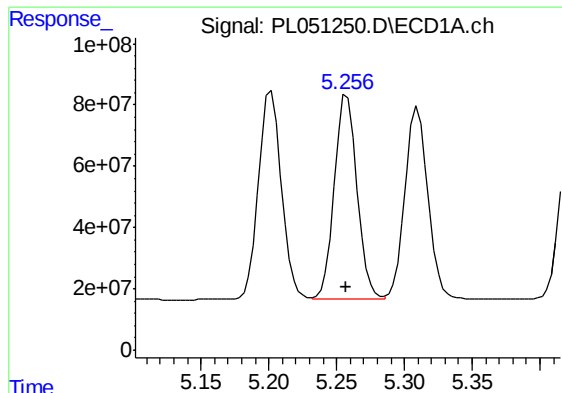
#25 Chlordane-3

R.T.: 5.202 min  
Delta R.T.: 0.000 min  
Response: 798981122  
Conc: 570.79 ng/ml



#25 Chlordane-3

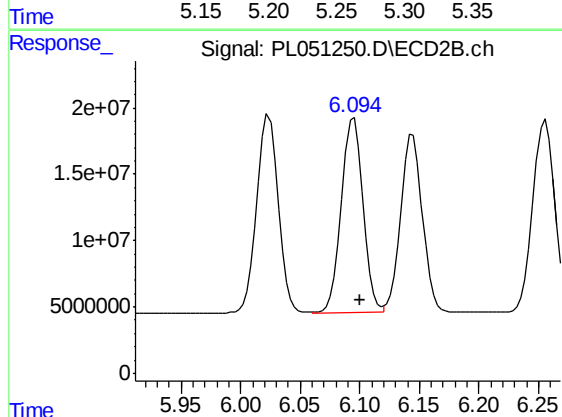
R.T.: 6.024 min  
Delta R.T.: -0.003 min  
Response: 185922035  
Conc: 386.55 ng/ml



#26 Chlordane-4

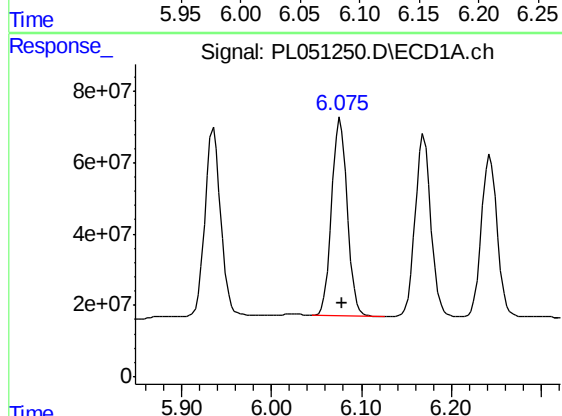
R.T.: 5.258 min  
Delta R.T.: 0.000 min  
Response: 767524017  
Conc: 581.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS



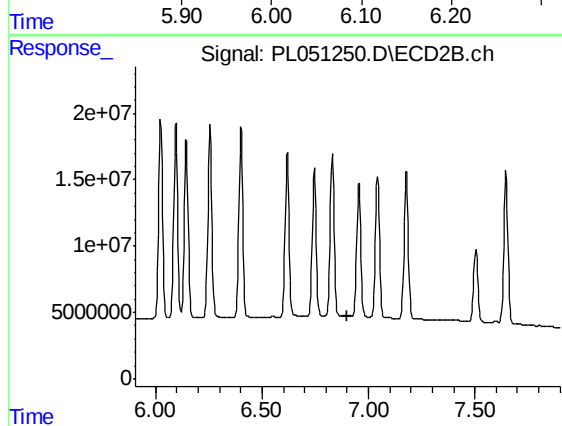
#26 Chlordane-4

R.T.: 6.095 min  
Delta R.T.: -0.005 min  
Response: 183733191  
Conc: 316.28 ng/ml



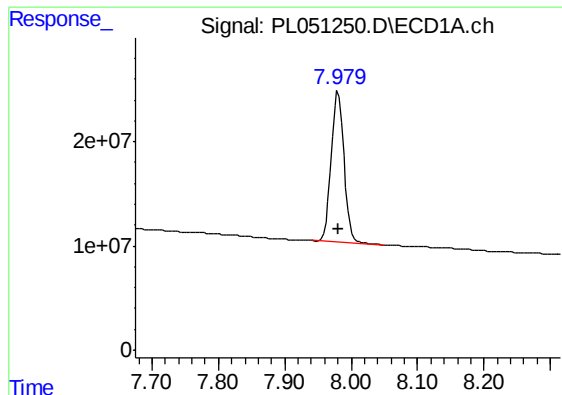
#27 Chlordane-5

R.T.: 6.077 min  
Delta R.T.: -0.002 min  
Response: 673746710  
Conc: 1326.44 ng/ml



#27 Chlordane-5

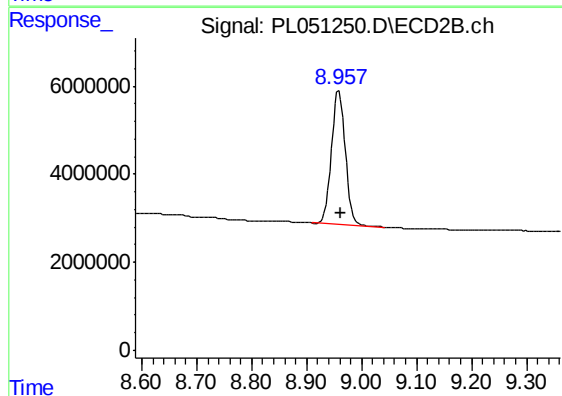
R.T.: 0.000 min  
Exp R.T. : 6.902 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.981 min  
Delta R.T.: 0.000 min  
Response: 193644043  
Conc: 19.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB122103BS



#28 Decachlorobiphenyl

R.T.: 8.959 min  
Delta R.T.: -0.003 min  
Response: 53469176  
Conc: 18.91 ng/ml