

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092818\  
 Data File : PL040520.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Sep 2018 19:22  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 28 22:49:08 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Sep 27 01:27:39 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... | 3.210 | 3.807 | 389.3E6 | 146.7E6  | 53.186   | 46.461     |
| 28)                         | SA Decachlor... | 7.812 | 8.731 | 514.1E6 | 146.4E6  | 54.079   | 46.230     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.632 | 4.178 | 637.3E6 | 222.9E6  | 54.465   | 47.008     |
| 3)                          | MA gamma-BHC... | 3.902 | 4.453 | 594.4E6 | 208.4E6  | 54.674   | 45.915     |
| 4)                          | MA Heptachlor   | 4.176 | 4.951 | 642.1E6 | 203.2E6  | 54.567   | 47.836     |
| 5)                          | MB Aldrin       | 4.408 | 5.247 | 585.9E6 | 194.4E6  | 55.447   | 46.058     |
| 6)                          | B beta-BHC      | 4.156 | 4.616 | 217.0E6 | 90137482 | 51.415   | 45.111     |
| 7)                          | B delta-BHC     | 4.342 | 4.824 | 610.4E6 | 203.6E6  | 54.694   | 44.105     |
| 8)                          | B Heptachlo...  | 4.838 | 5.623 | 559.2E6 | 170.3E6  | 54.021   | 44.365     |
| 9)                          | A Endosulfan I  | 5.161 | 5.971 | 557.3E6 | 171.6E6  | 55.294   | 46.125     |
| 10)                         | B gamma-Chl...  | 5.056 | 5.854 | 604.5E6 | 183.9E6  | 55.664   | 46.526     |
| 11)                         | B alpha-Chl...  | 5.112 | 5.926 | 579.8E6 | 182.6E6  | 55.343   | 46.517     |
| 12)                         | B 4,4'-DDE      | 5.281 | 6.085 | 602.5E6 | 184.8E6  | 54.512   | 45.894     |
| 13)                         | MA Dieldrin     | 5.397 | 6.222 | 597.0E6 | 182.6E6  | 54.496   | 47.789     |
| 14)                         | MA Endrin       | 5.647 | 6.434 | 549.0E6 | 159.7E6  | 55.262   | 48.876     |
| 15)                         | B Endosulfa...  | 5.920 | 6.638 | 546.0E6 | 158.7E6  | 54.809   | 45.393     |
| 16)                         | A 4,4'-DDD      | 5.786 | 6.563 | 493.2E6 | 145.6E6  | 53.421   | 45.839     |
| 17)                         | MA 4,4'-DDT     | 6.017 | 6.858 | 471.0E6 | 143.7E6  | 58.244   | 47.161     |
| 18)                         | B Endrin al...  | 6.087 | 6.760 | 432.4E6 | 134.6E6  | 51.498   | 44.980     |
| 19)                         | B Endosulfa...  | 6.296 | 6.980 | 508.2E6 | 148.0E6  | 53.094   | 46.012     |
| 20)                         | A Methoxychlor  | 6.562 | 7.315 | 252.6E6 | 74787137 | 52.304   | 49.075     |
| 21)                         | B Endrin ke...  | 6.771 | 7.439 | 575.0E6 | 152.6E6  | 53.000   | 49.653     |
| 23)                         | Chlordane-1     | 0.000 | 4.824 | 0       | 203.6E6  | N.D.     | 1319.103 # |
| 24)                         | Chlordane-2     | 0.000 | 5.247 | 0       | 194.4E6  | N.D.     | 1155.160 # |
| 25)                         | Chlordane-3     | 5.056 | 5.854 | 604.5E6 | 183.9E6  | 470.598  | 329.665 #  |
| 26)                         | Chlordane-4     | 5.112 | 5.926 | 579.8E6 | 182.6E6  | 489.327  | 276.609 #  |
| 27)                         | Chlordane-5     | 5.920 | 6.760 | 546.0E6 | 134.6E6  | 1352.732 | 1105.675   |
| -----                       |                 |       |       |         |          |          |            |

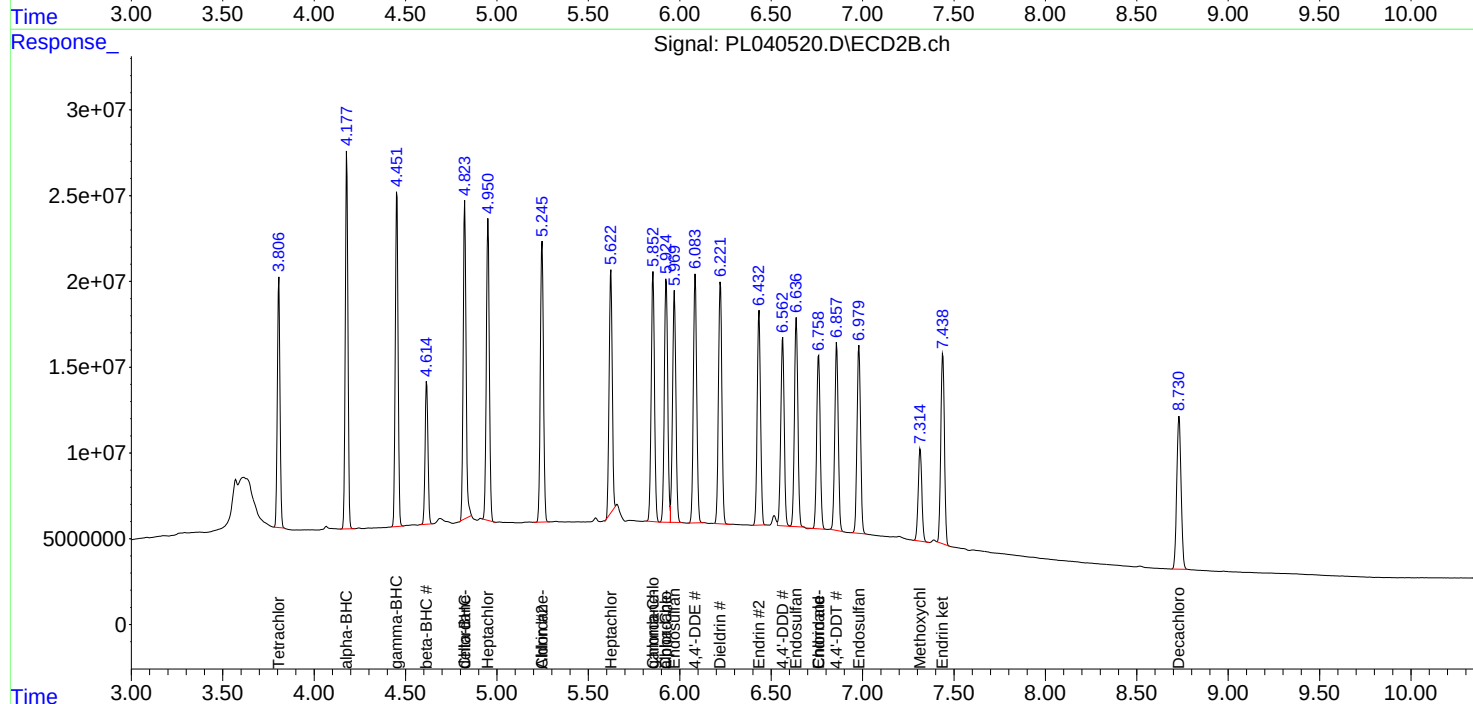
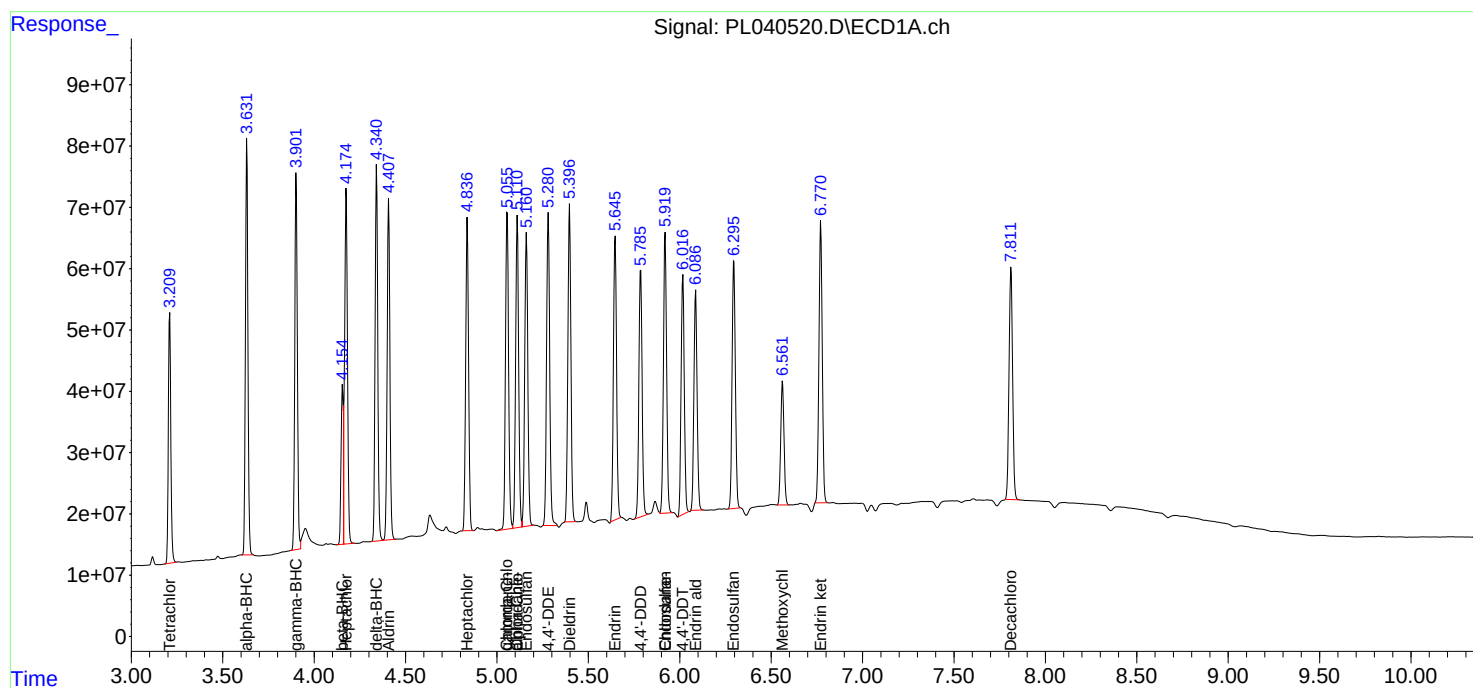
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

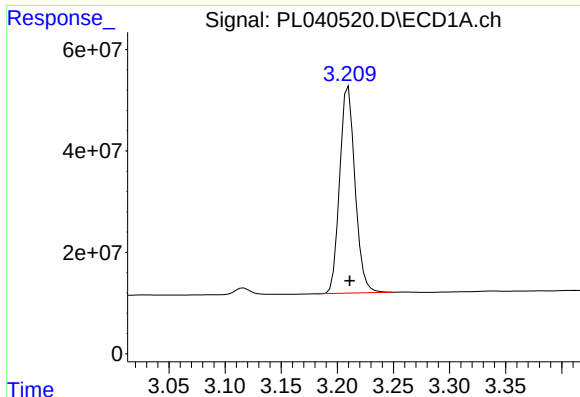
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092818\  
Data File : PL040520.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Sep 2018 19:22  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 28 22:49:08 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092618.M  
Quant Title : GC Extractables  
QLast Update : Thu Sep 27 01:27:39 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

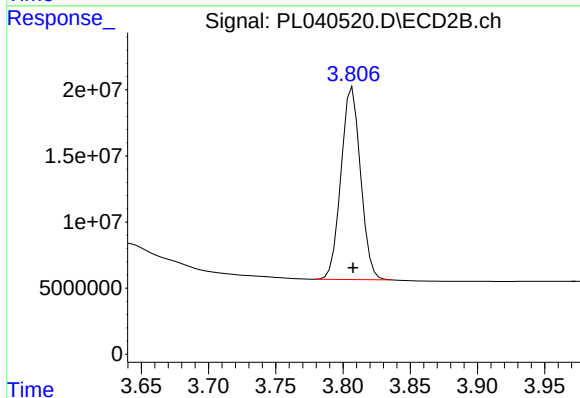




#1 Tetrachloro-m-xylene

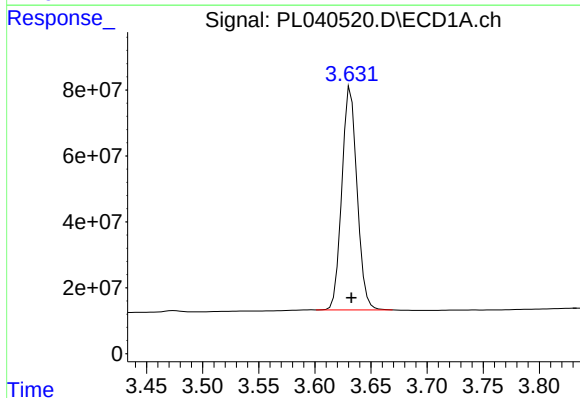
R.T.: 3.210 min  
Delta R.T.: -0.001 min  
Response: 389325068  
Conc: 53.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



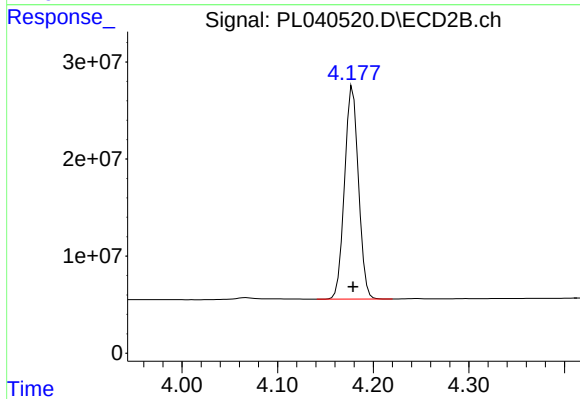
#1 Tetrachloro-m-xylene

R.T.: 3.807 min  
Delta R.T.: 0.000 min  
Response: 146713679  
Conc: 46.46 ng/ml



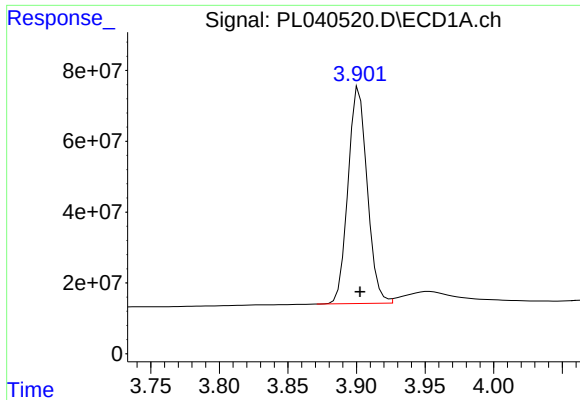
#2 alpha-BHC

R.T.: 3.632 min  
Delta R.T.: 0.000 min  
Response: 637267026  
Conc: 54.47 ng/ml



#2 alpha-BHC

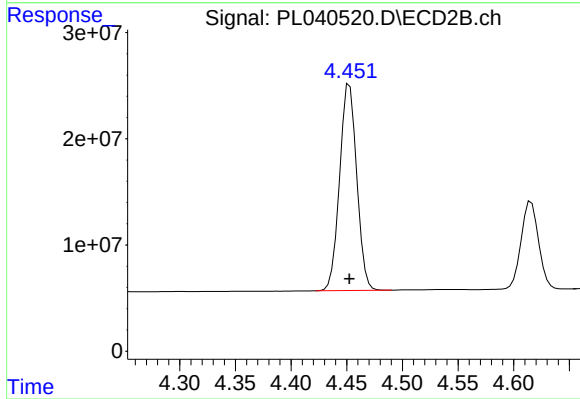
R.T.: 4.178 min  
Delta R.T.: 0.000 min  
Response: 222874865  
Conc: 47.01 ng/ml



#3 gamma-BHC (Lindane)

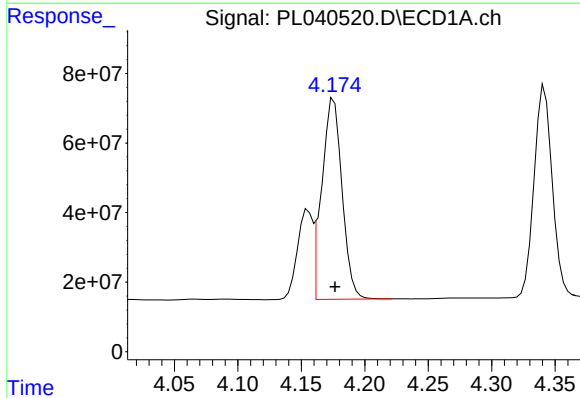
R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 594440297  
Conc: 54.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



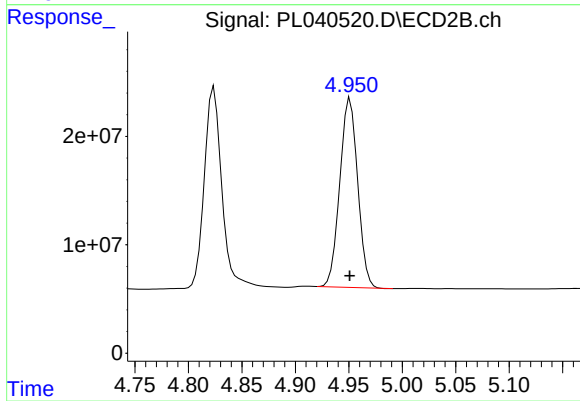
#3 gamma-BHC (Lindane)

R.T.: 4.453 min  
Delta R.T.: 0.000 min  
Response: 208374574  
Conc: 45.92 ng/ml



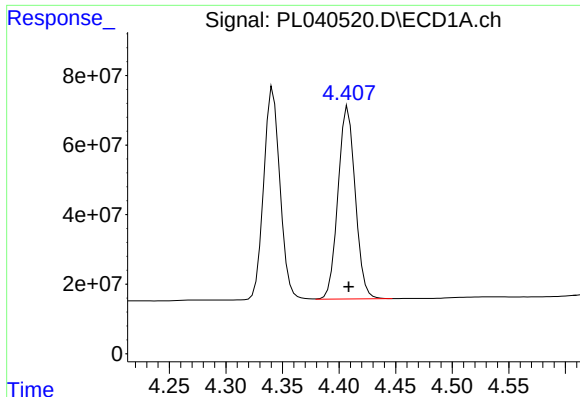
#4 Heptachlor

R.T.: 4.176 min  
Delta R.T.: -0.001 min  
Response: 642075964  
Conc: 54.57 ng/ml



#4 Heptachlor

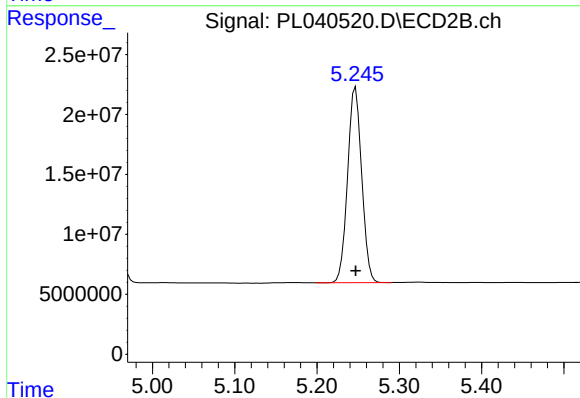
R.T.: 4.951 min  
Delta R.T.: 0.000 min  
Response: 203201340  
Conc: 47.84 ng/ml



#5 Aldrin

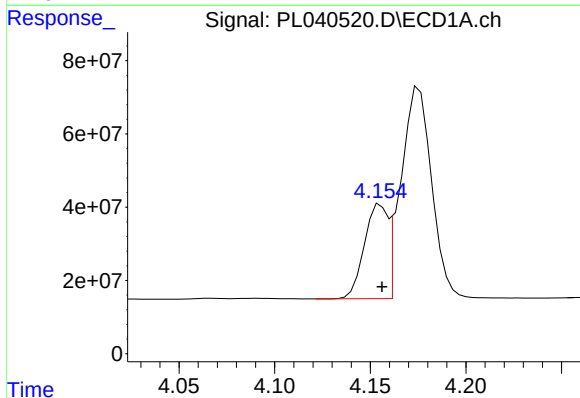
R.T.: 4.408 min  
Delta R.T.: 0.000 min  
Response: 585871294  
Conc: 55.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



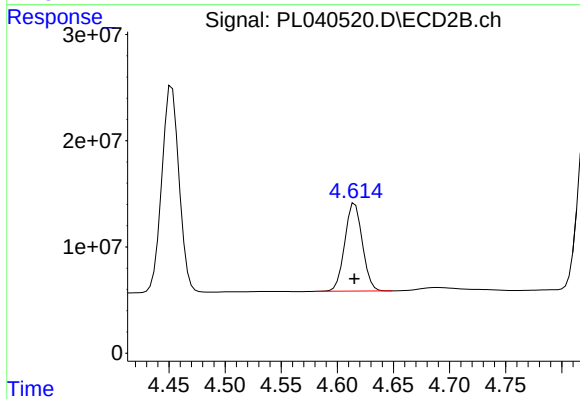
#5 Aldrin

R.T.: 5.247 min  
Delta R.T.: 0.000 min  
Response: 194376450  
Conc: 46.06 ng/ml



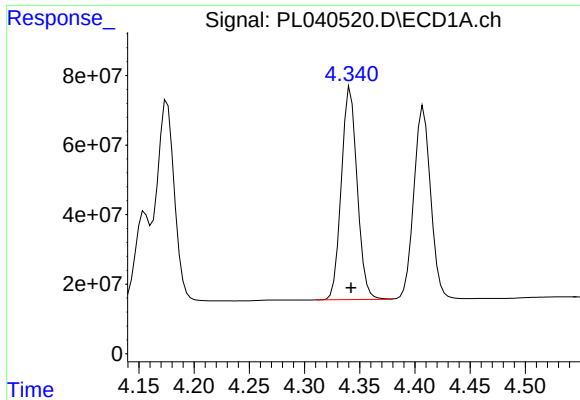
#6 beta-BHC

R.T.: 4.156 min  
Delta R.T.: 0.000 min  
Response: 217018192  
Conc: 51.42 ng/ml



#6 beta-BHC

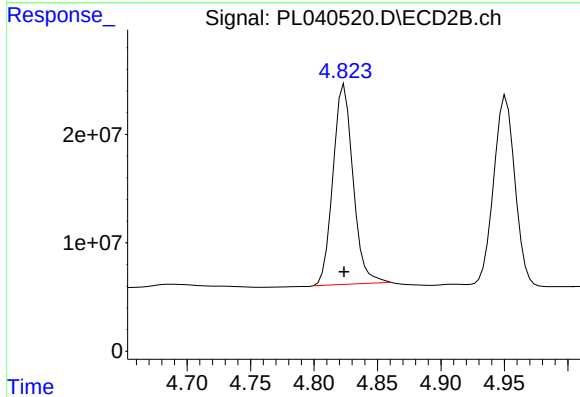
R.T.: 4.616 min  
Delta R.T.: 0.000 min  
Response: 90137482  
Conc: 45.11 ng/ml



#7 delta-BHC

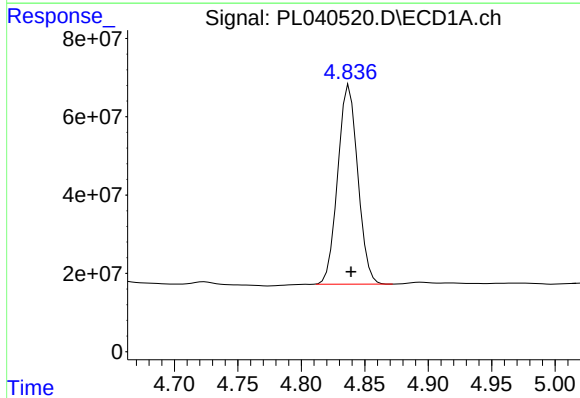
R.T.: 4.342 min  
Delta R.T.: 0.000 min  
Response: 610430421  
Conc: 54.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



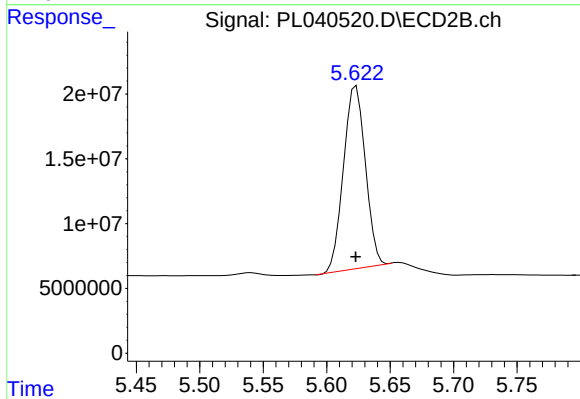
#7 delta-BHC

R.T.: 4.824 min  
Delta R.T.: 0.000 min  
Response: 203573673  
Conc: 44.10 ng/ml



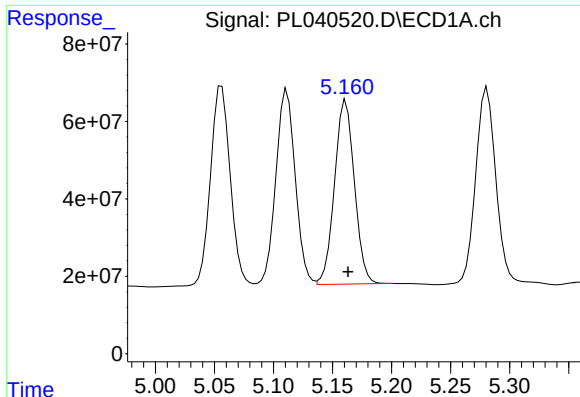
#8 Heptachlor epoxide

R.T.: 4.838 min  
Delta R.T.: -0.001 min  
Response: 559174929  
Conc: 54.02 ng/ml



#8 Heptachlor epoxide

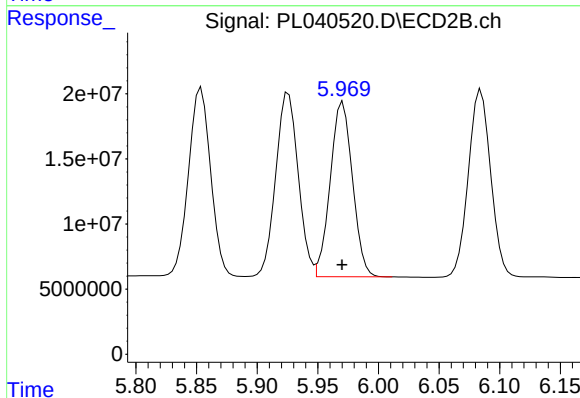
R.T.: 5.623 min  
Delta R.T.: 0.000 min  
Response: 170301657  
Conc: 44.36 ng/ml



#9 Endosulfan I

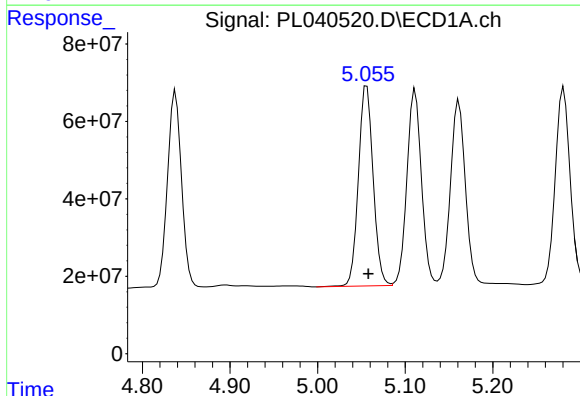
R.T.: 5.161 min  
Delta R.T.: -0.002 min  
Response: 557348705  
Conc: 55.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



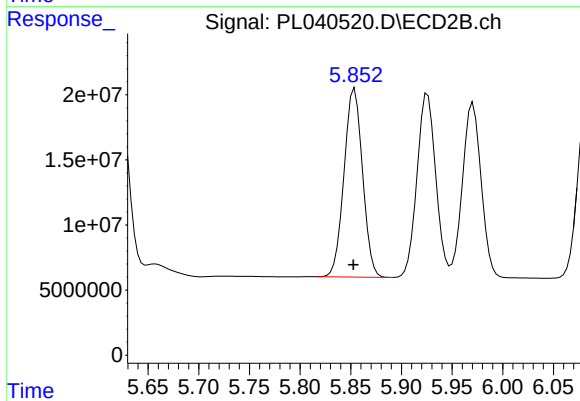
#9 Endosulfan I

R.T.: 5.971 min  
Delta R.T.: 0.000 min  
Response: 171615332  
Conc: 46.13 ng/ml



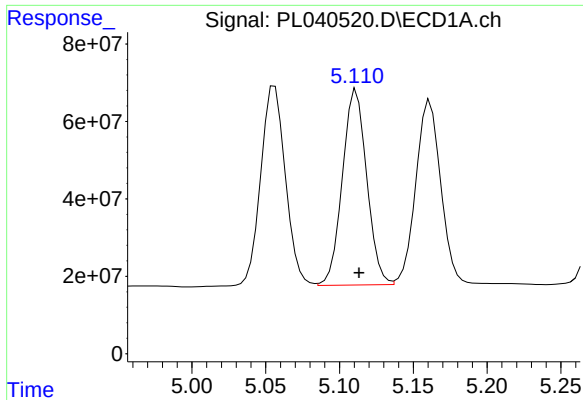
#10 gamma-Chlordane

R.T.: 5.056 min  
Delta R.T.: -0.002 min  
Response: 604502450  
Conc: 55.66 ng/ml



#10 gamma-Chlordane

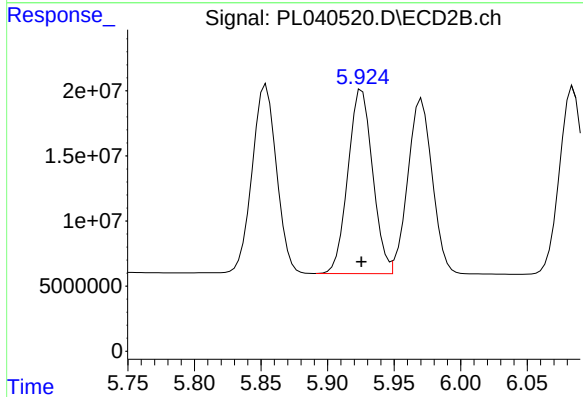
R.T.: 5.854 min  
Delta R.T.: 0.001 min  
Response: 183858749  
Conc: 46.53 ng/ml



#11 alpha-Chlordane

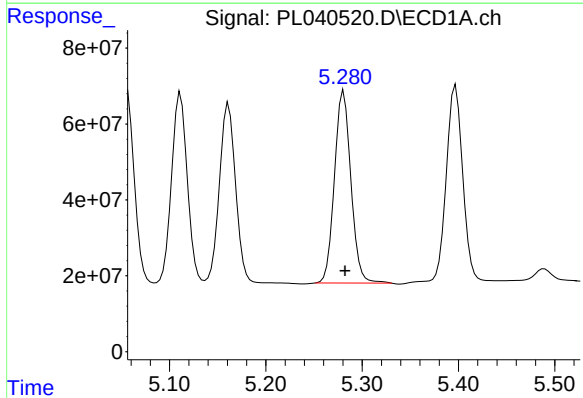
R.T.: 5.112 min  
Delta R.T.: -0.002 min  
Response: 579805816  
Conc: 55.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



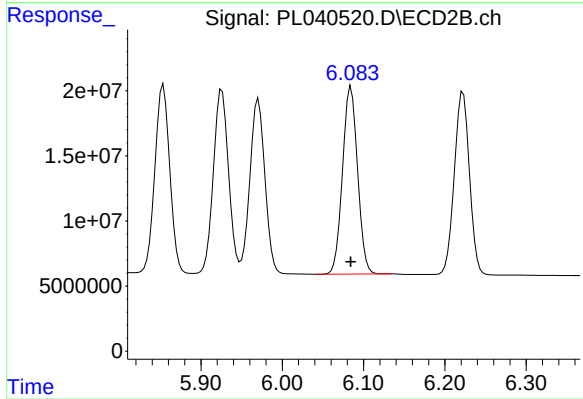
#11 alpha-Chlordane

R.T.: 5.926 min  
Delta R.T.: 0.000 min  
Response: 182551566  
Conc: 46.52 ng/ml



#12 4,4'-DDE

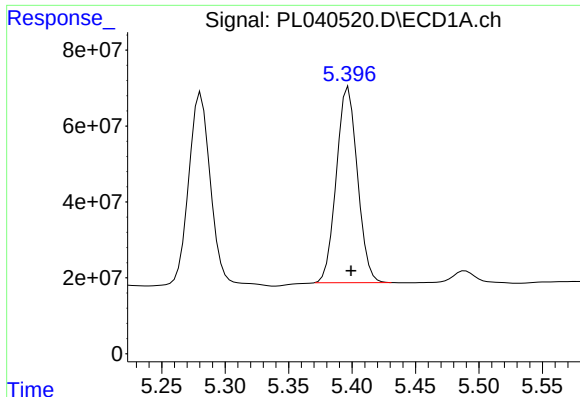
R.T.: 5.281 min  
Delta R.T.: -0.001 min  
Response: 602512213  
Conc: 54.51 ng/ml



#12 4,4'-DDE

R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 184788380  
Conc: 45.89 ng/ml

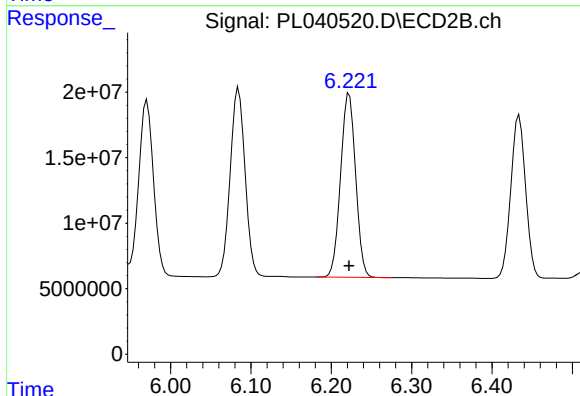




#13 Dieldrin

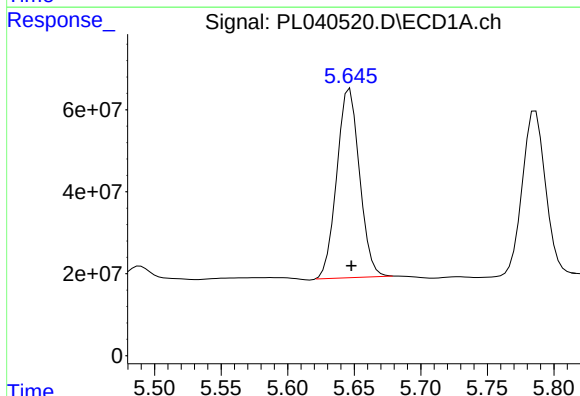
R.T.: 5.397 min  
Delta R.T.: -0.002 min  
Response: 596957781  
Conc: 54.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



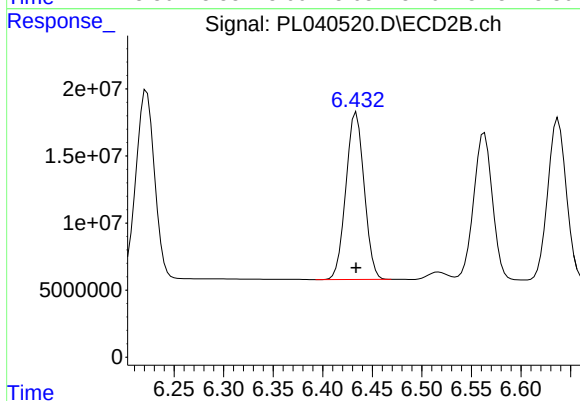
#13 Dieldrin

R.T.: 6.222 min  
Delta R.T.: 0.000 min  
Response: 182568511  
Conc: 47.79 ng/ml



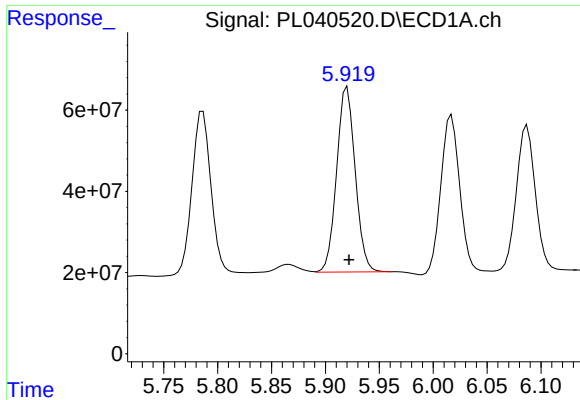
#14 Endrin

R.T.: 5.647 min  
Delta R.T.: -0.001 min  
Response: 548967584  
Conc: 55.26 ng/ml



#14 Endrin

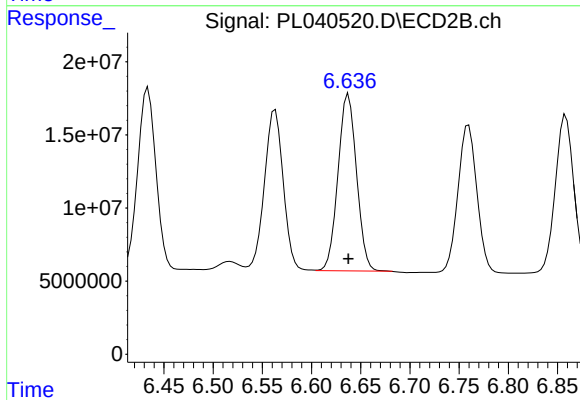
R.T.: 6.434 min  
Delta R.T.: 0.000 min  
Response: 159668918  
Conc: 48.88 ng/ml



#15 Endosulfan II

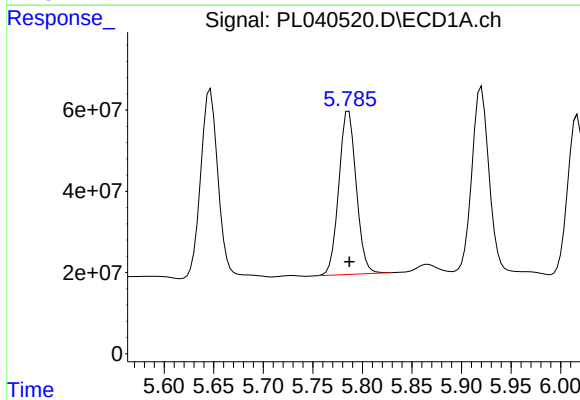
R.T.: 5.920 min  
Delta R.T.: -0.002 min  
Response: 546036056  
Conc: 54.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



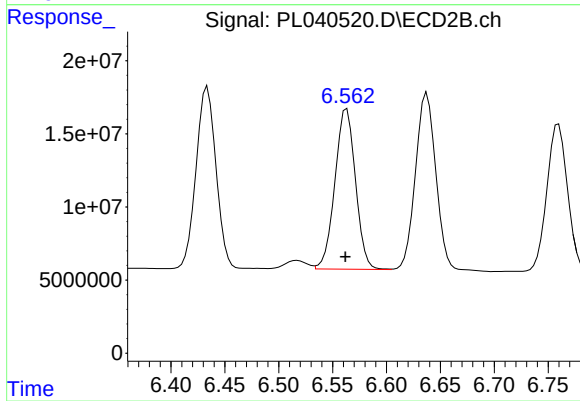
#15 Endosulfan II

R.T.: 6.638 min  
Delta R.T.: 0.000 min  
Response: 158679648  
Conc: 45.39 ng/ml



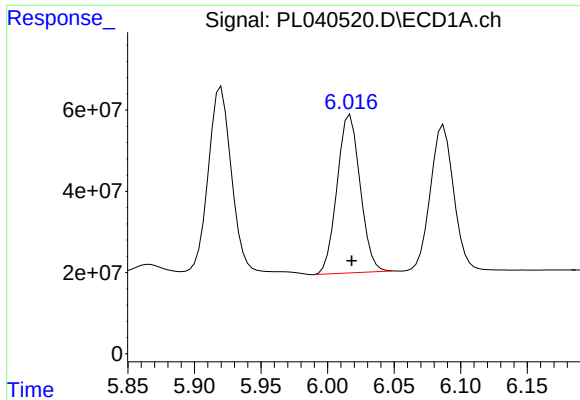
#16 4,4'-DDD

R.T.: 5.786 min  
Delta R.T.: 0.000 min  
Response: 493155974  
Conc: 53.42 ng/ml



#16 4,4'-DDD

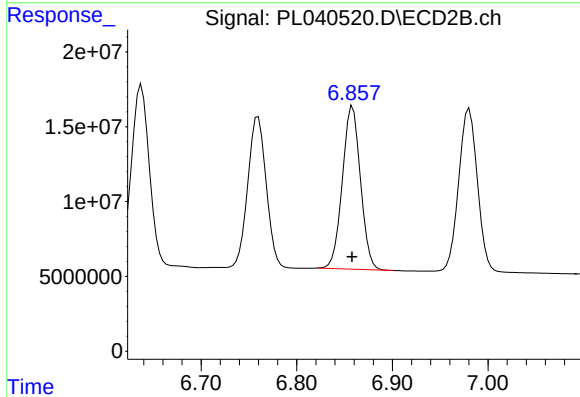
R.T.: 6.563 min  
Delta R.T.: 0.001 min  
Response: 145630606  
Conc: 45.84 ng/ml



#17 4,4'-DDT

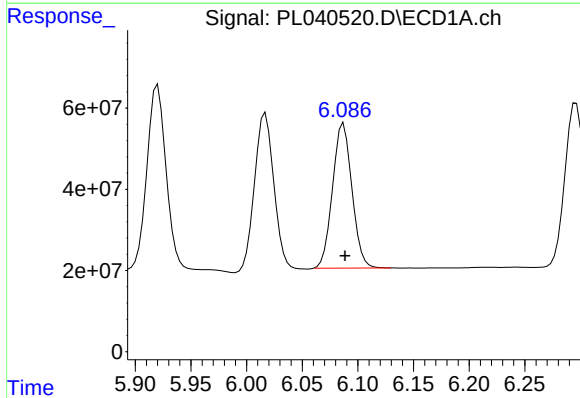
R.T.: 6.017 min  
Delta R.T.: -0.001 min  
Response: 471004976  
Conc: 58.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



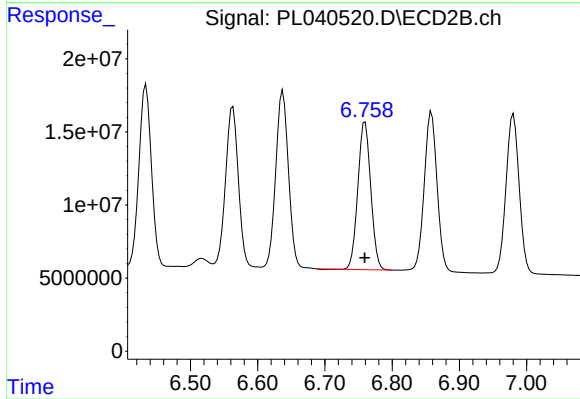
#17 4,4'-DDT

R.T.: 6.858 min  
Delta R.T.: 0.000 min  
Response: 143710062  
Conc: 47.16 ng/ml



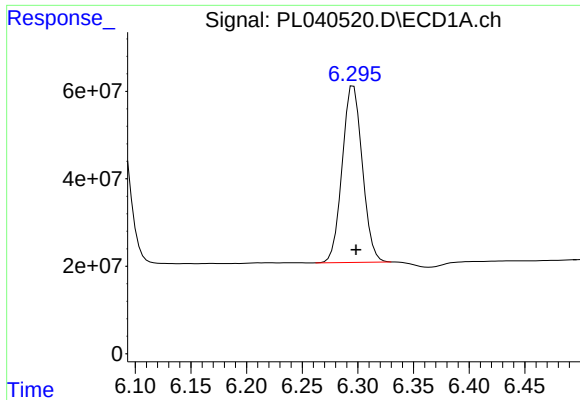
#18 Endrin aldehyde

R.T.: 6.087 min  
Delta R.T.: -0.001 min  
Response: 432420684  
Conc: 51.50 ng/ml



#18 Endrin aldehyde

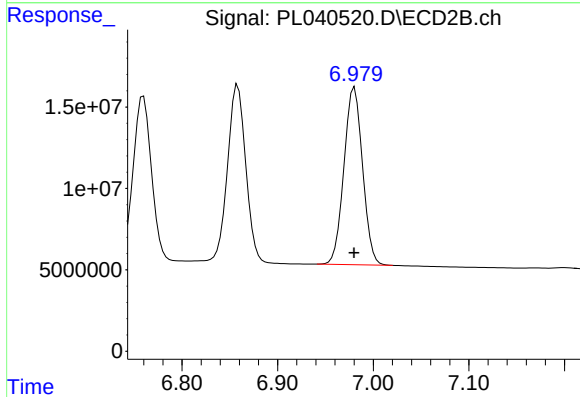
R.T.: 6.760 min  
Delta R.T.: 0.000 min  
Response: 134635930  
Conc: 44.98 ng/ml



#19 Endosulfan Sulfate

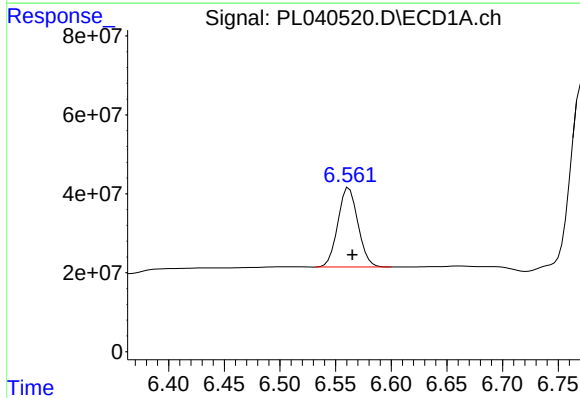
R.T.: 6.296 min  
Delta R.T.: -0.002 min  
Response: 508184100  
Conc: 53.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



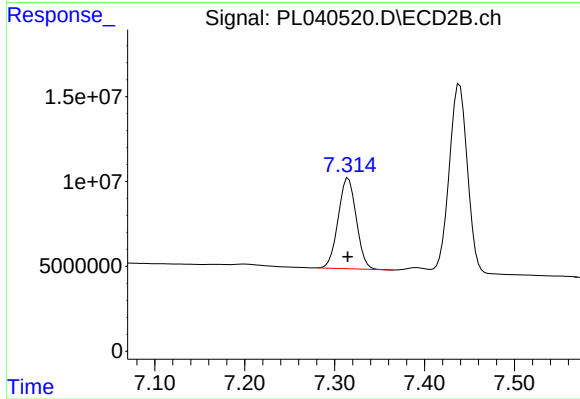
#19 Endosulfan Sulfate

R.T.: 6.980 min  
Delta R.T.: 0.000 min  
Response: 147996119  
Conc: 46.01 ng/ml



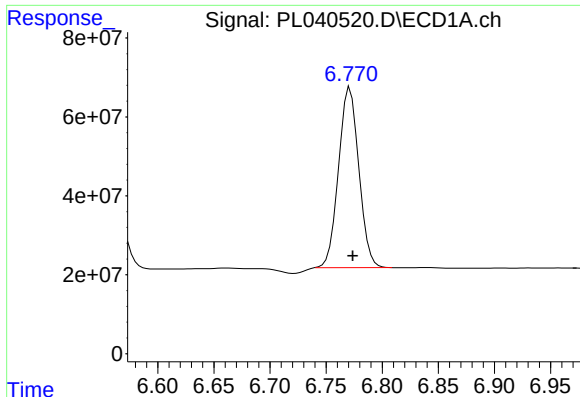
#20 Methoxychlor

R.T.: 6.562 min  
Delta R.T.: -0.003 min  
Response: 252643291  
Conc: 52.30 ng/ml



#20 Methoxychlor

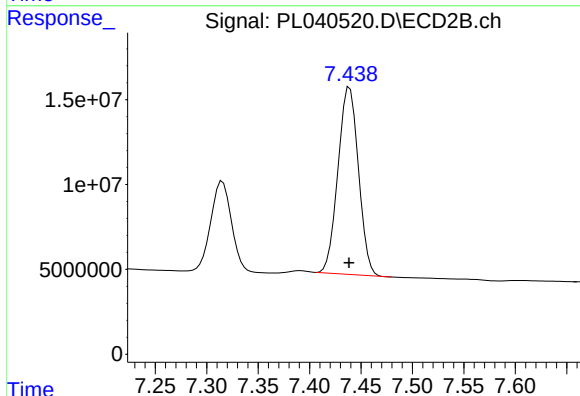
R.T.: 7.315 min  
Delta R.T.: 0.000 min  
Response: 74787137  
Conc: 49.07 ng/ml



#21 Endrin ketone

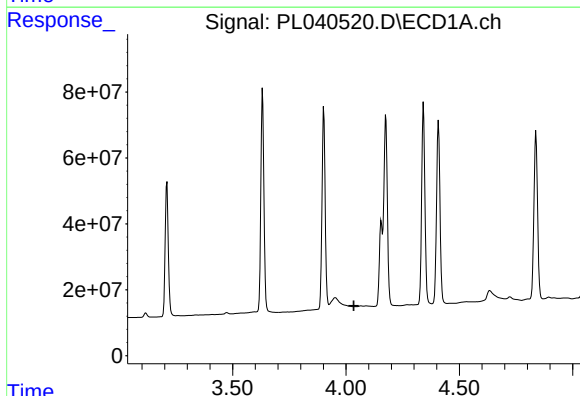
R.T.: 6.771 min  
Delta R.T.: -0.002 min  
Response: 575042900  
Conc: 53.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



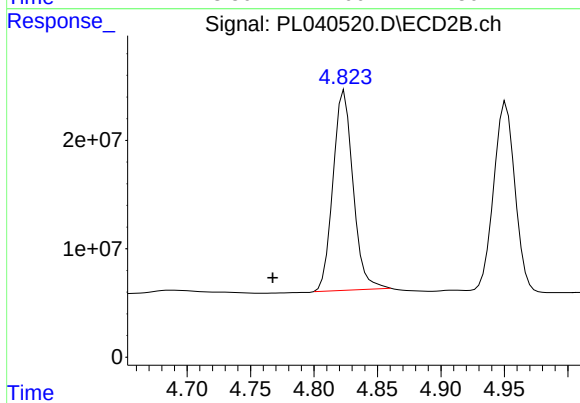
#21 Endrin ketone

R.T.: 7.439 min  
Delta R.T.: 0.000 min  
Response: 152640164  
Conc: 49.65 ng/ml



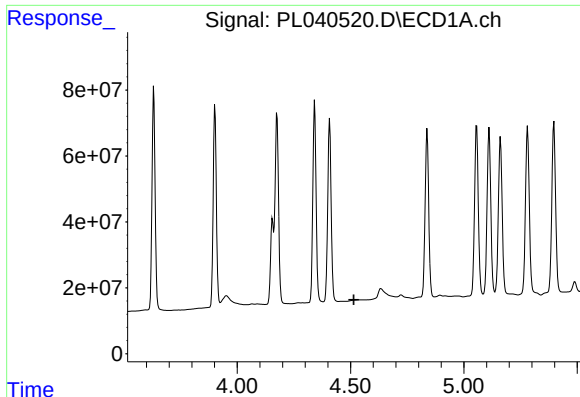
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.034 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

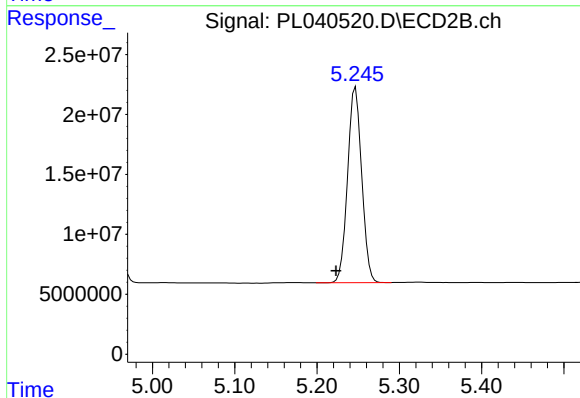
R.T.: 4.824 min  
Delta R.T.: 0.056 min  
Response: 203573673  
Conc: 1319.10 ng/ml



#24 Chlordane-2

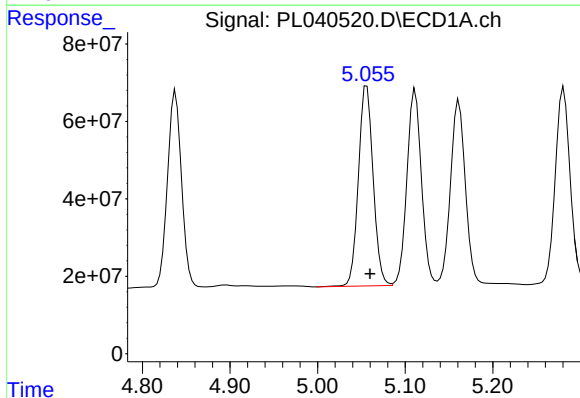
R.T.: 0.000 min  
Exp R.T.: 4.514 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



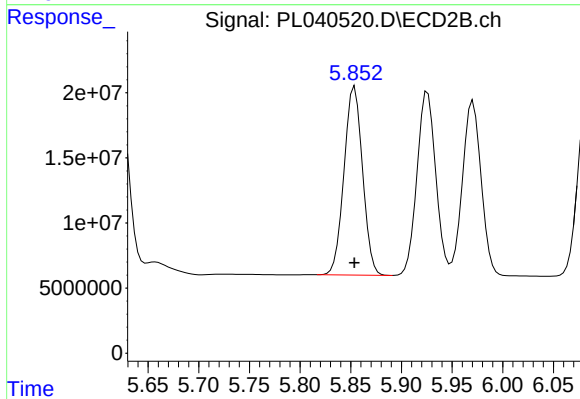
#24 Chlordane-2

R.T.: 5.247 min  
Delta R.T.: 0.024 min  
Response: 194376450  
Conc: 1155.16 ng/ml



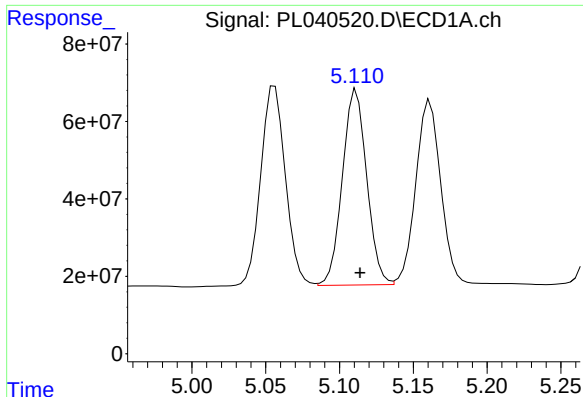
#25 Chlordane-3

R.T.: 5.056 min  
Delta R.T.: -0.004 min  
Response: 604502450  
Conc: 470.60 ng/ml



#25 Chlordane-3

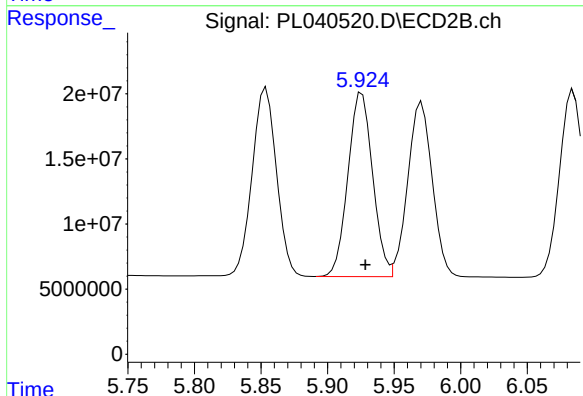
R.T.: 5.854 min  
Delta R.T.: 0.000 min  
Response: 183858749  
Conc: 329.66 ng/ml



#26 Chlordane-4

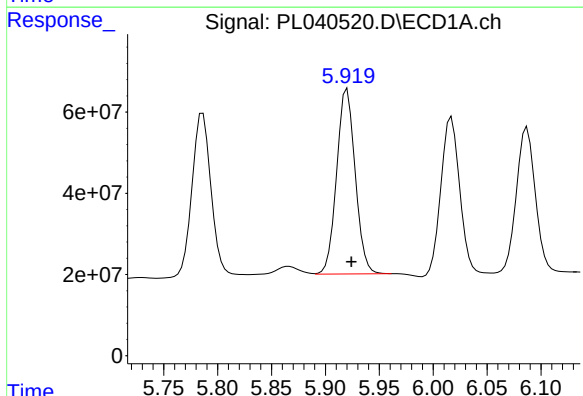
R.T.: 5.112 min  
Delta R.T.: -0.002 min  
Response: 579805816  
Conc: 489.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



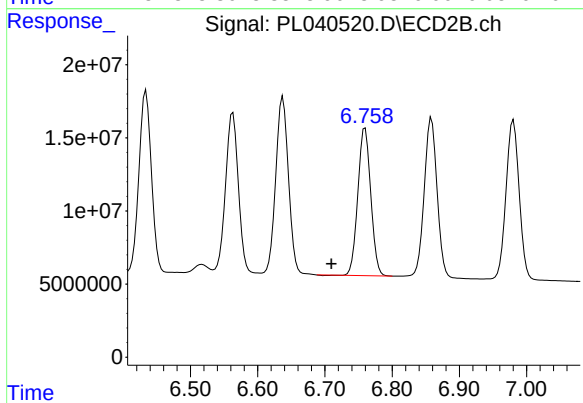
#26 Chlordane-4

R.T.: 5.926 min  
Delta R.T.: -0.003 min  
Response: 182551566  
Conc: 276.61 ng/ml



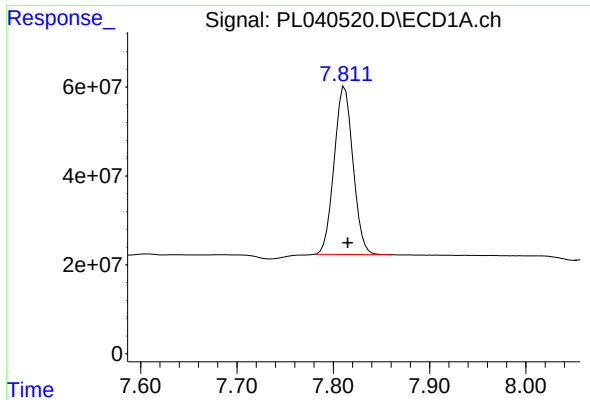
#27 Chlordane-5

R.T.: 5.920 min  
Delta R.T.: -0.004 min  
Response: 546036056  
Conc: 1352.73 ng/ml



#27 Chlordane-5

R.T.: 6.760 min  
Delta R.T.: 0.050 min  
Response: 134635930  
Conc: 1105.68 ng/ml



#28 Decachlorobiphenyl

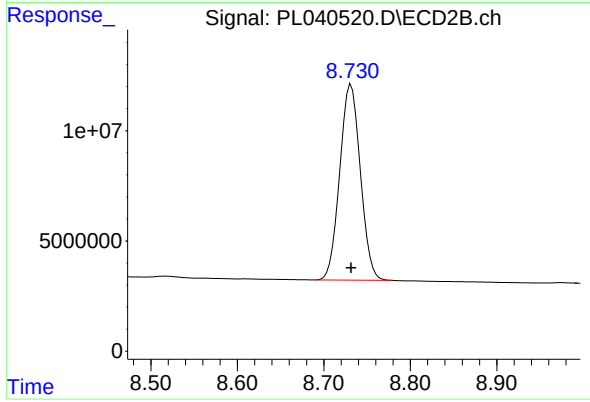
R.T.: 7.812 min

Delta R.T.: -0.003 min

Response: 514064190

Conc: 54.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.731 min

Delta R.T.: 0.000 min

Response: 146400963

Conc: 46.23 ng/ml