

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101818\  
 Data File : PL041095.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2018 09:41  
 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: Oct 18 10:40:51 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 11 03:28:36 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... | 3.477 | 4.103 | 291.3E6 | 141.7E6  | 53.152   | 50.828     |
| 28)                         | SA Decachlor... | 8.224 | 9.232 | 257.8E6 | 109.4E6  | 49.582   | 42.316     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.918 | 4.499 | 443.1E6 | 203.3E6  | 55.919   | 52.532     |
| 3)                          | MA gamma-BHC... | 4.201 | 4.787 | 404.2E6 | 186.5E6  | 55.360   | 52.368     |
| 4)                          | MA Heptachlor   | 4.499 | 5.303 | 391.1E6 | 170.0E6  | 53.073   | 50.234     |
| 5)                          | MB Aldrin       | 4.746 | 5.611 | 369.4E6 | 158.6E6  | 53.808   | 52.554     |
| 6)                          | B beta-BHC      | 4.453 | 4.955 | 168.9E6 | 82552846 | 53.216   | 51.508     |
| 7)                          | B delta-BHC     | 4.657 | 5.176 | 375.3E6 | 173.9E6  | 56.318   | 52.987     |
| 8)                          | B Heptachlo...  | 5.189 | 6.000 | 346.9E6 | 144.1E6  | 52.892   | 50.237     |
| 9)                          | A Endosulfan I  | 5.528 | 6.360 | 312.9E6 | 126.6E6  | 52.231   | 49.438     |
| 10)                         | B gamma-Chl...  | 5.415 | 6.234 | 327.6E6 | 140.3E6  | 49.820   | 50.008     |
| 11)                         | B alpha-Chl...  | 5.473 | 6.308 | 337.4E6 | 136.9E6  | 51.859   | 49.328     |
| 12)                         | B 4,4'-DDE      | 5.640 | 6.462 | 305.6E6 | 131.8E6  | 53.770   | 49.836     |
| 13)                         | MA Dieldrin     | 5.771 | 6.618 | 336.5E6 | 131.6E6  | 53.228   | 49.431     |
| 14)                         | MA Endrin       | 6.028 | 6.837 | 277.2E6 | 98075327 | 48.265   | 43.938     |
| 15)                         | B Endosulfa...  | 6.302 | 7.045 | 292.3E6 | 113.2E6  | 52.149   | 47.659     |
| 16)                         | A 4,4'-DDD      | 6.156 | 6.953 | 257.3E6 | 104.6E6  | 56.969   | 49.912     |
| 17)                         | MA 4,4'-DDT     | 6.395 | 7.253 | 210.8E6 | 87096724 | 46.292   | 41.871     |
| 18)                         | B Endrin al...  | 6.471 | 7.169 | 210.8E6 | 95188833 | 50.282   | 47.975     |
| 19)                         | B Endosulfa...  | 6.683 | 7.392 | 264.4E6 | 104.1E6  | 51.975   | 46.598     |
| 20)                         | A Methoxychlor  | 6.943 | 7.709 | 110.3E6 | 45070200 | 42.387   | 38.287     |
| 21)                         | B Endrin ke...  | 7.174 | 7.867 | 300.5E6 | 117.0E6  | 57.397   | 49.758     |
| 23)                         | Chlordane-1     | 4.375 | 5.176 | 2021210 | 173.9E6  | 7.920    | 1408.165 # |
| 24)                         | Chlordane-2     | 0.000 | 5.611 | 0       | 158.6E6  | N.D.     | 1282.565 # |
| 25)                         | Chlordane-3     | 5.415 | 6.234 | 327.6E6 | 140.3E6  | 428.077  | 347.913    |
| 26)                         | Chlordane-4     | 5.473 | 6.308 | 337.4E6 | 136.9E6  | 503.207  | 288.457 #  |
| 27)                         | Chlordane-5     | 6.302 | 7.169 | 292.3E6 | 95188833 | 1348.748 | 1075.824   |
| -----                       |                 |       |       |         |          |          |            |

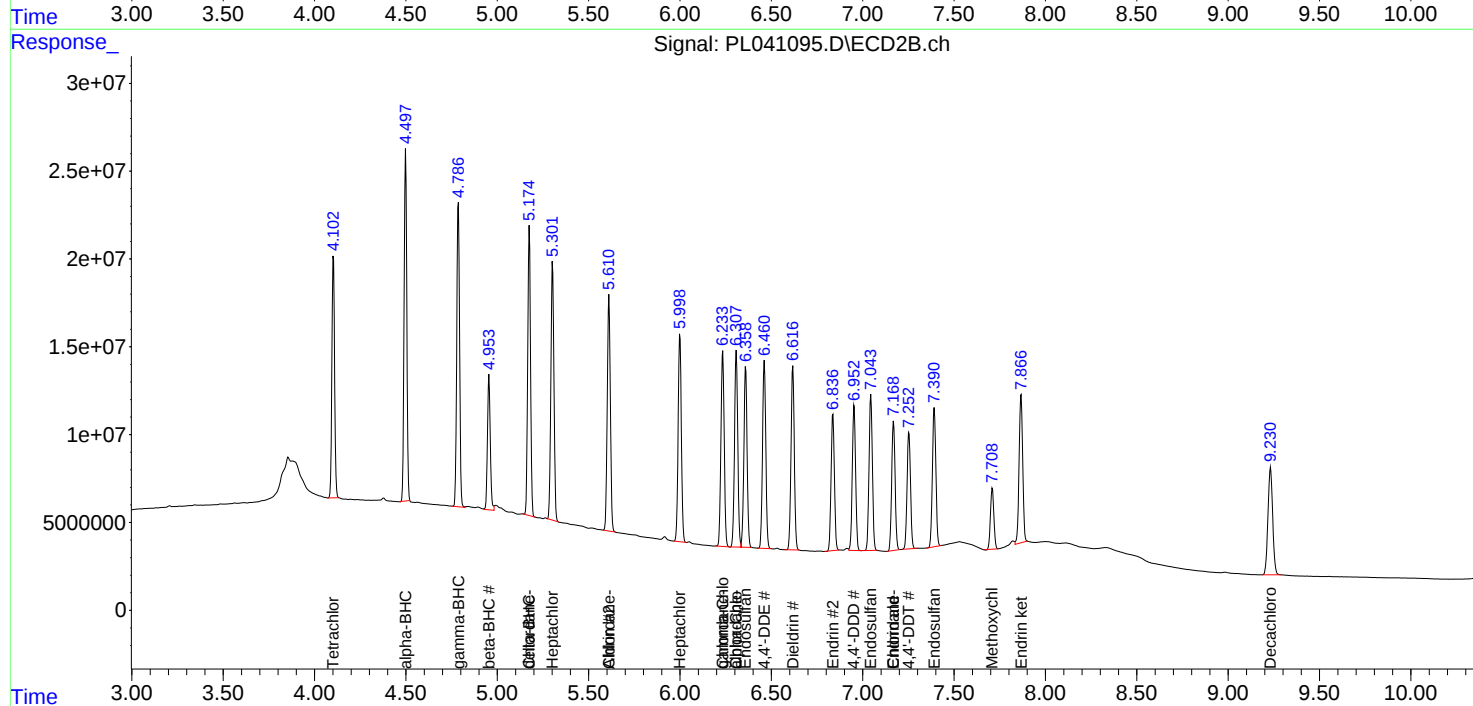
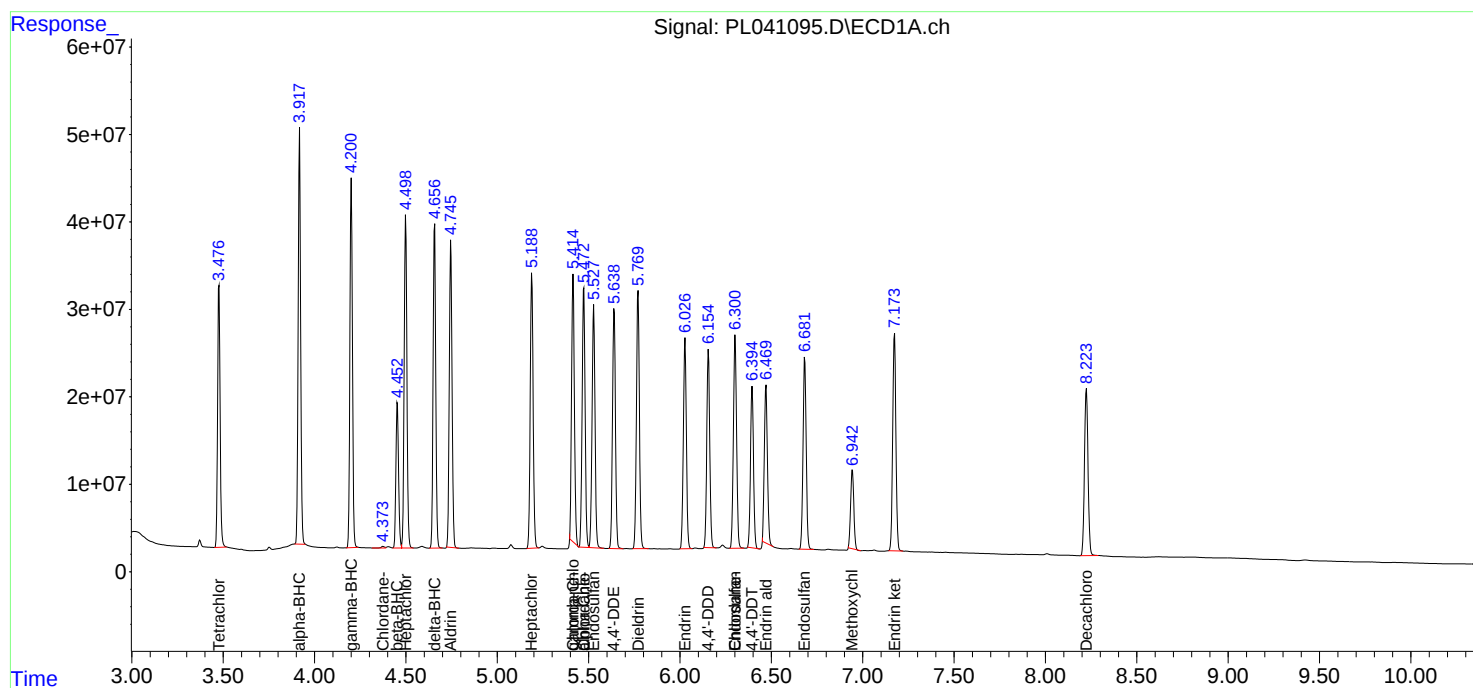
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

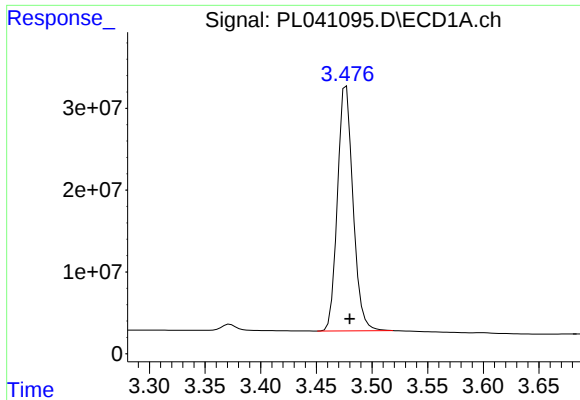
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101818\  
Data File : PL041095.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Oct 2018 09:41  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 18 10:40:51 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL101118.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 11 03:28:36 2018  
Response via : Initial Calibration  
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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

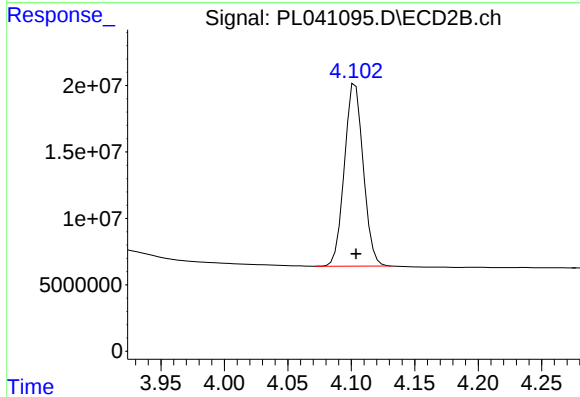




#1 Tetrachloro-m-xylene

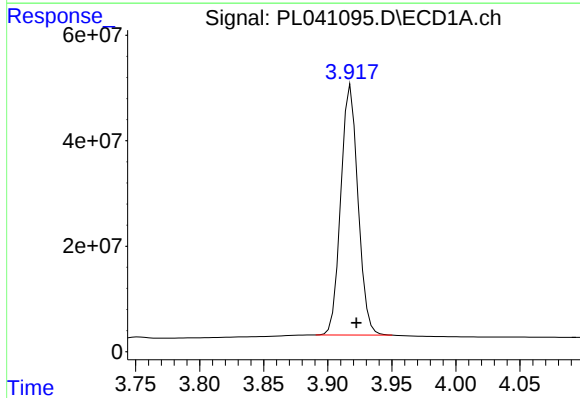
R.T.: 3.477 min  
Delta R.T.: -0.003 min  
Response: 291313605  
Conc: 53.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



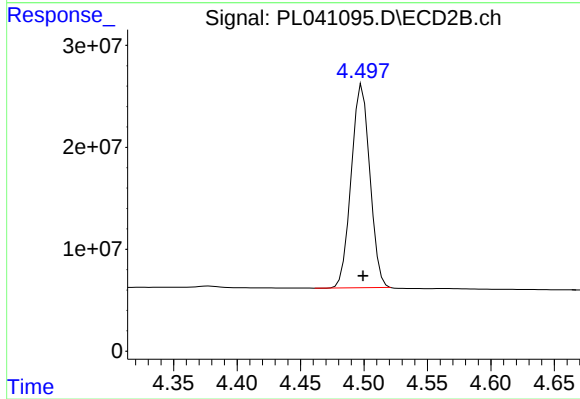
#1 Tetrachloro-m-xylene

R.T.: 4.103 min  
Delta R.T.: 0.000 min  
Response: 141723049  
Conc: 50.83 ng/ml



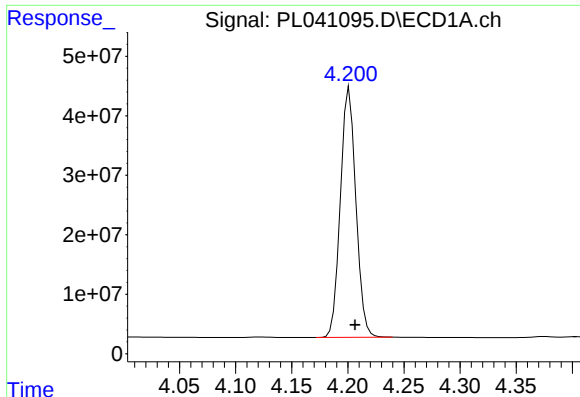
#2 alpha-BHC

R.T.: 3.918 min  
Delta R.T.: -0.004 min  
Response: 443079140  
Conc: 55.92 ng/ml



#2 alpha-BHC

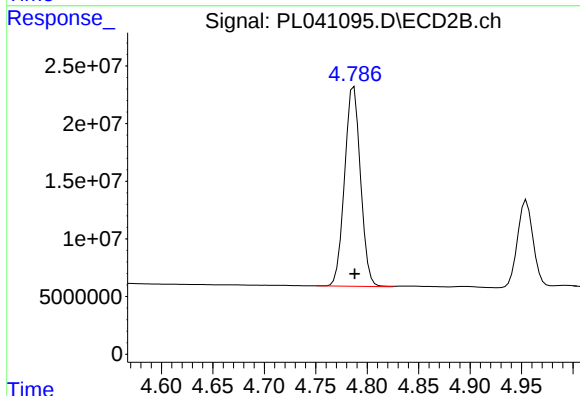
R.T.: 4.499 min  
Delta R.T.: 0.000 min  
Response: 203262705  
Conc: 52.53 ng/ml



#3 gamma-BHC (Lindane)

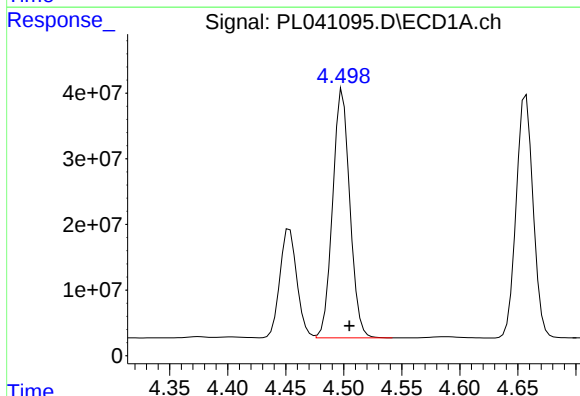
R.T.: 4.201 min  
Delta R.T.: -0.005 min  
Response: 404238595  
Conc: 55.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



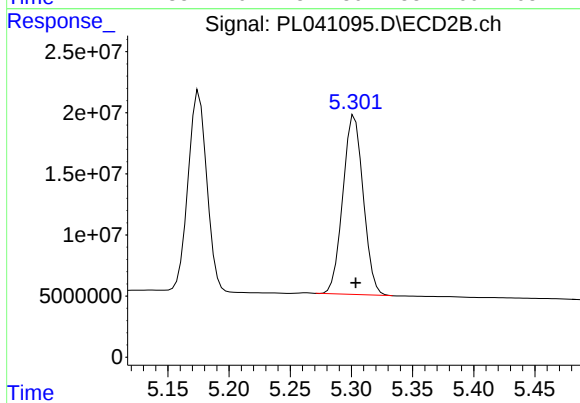
#3 gamma-BHC (Lindane)

R.T.: 4.787 min  
Delta R.T.: 0.000 min  
Response: 186469789  
Conc: 52.37 ng/ml



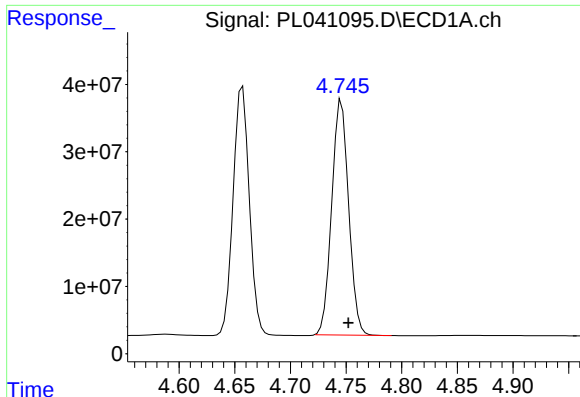
#4 Heptachlor

R.T.: 4.499 min  
Delta R.T.: -0.006 min  
Response: 391092888  
Conc: 53.07 ng/ml



#4 Heptachlor

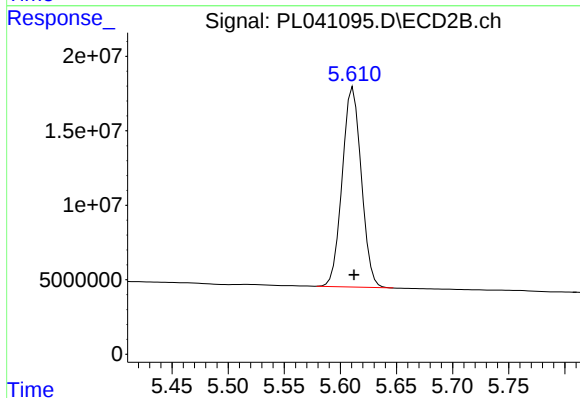
R.T.: 5.303 min  
Delta R.T.: -0.001 min  
Response: 170023400  
Conc: 50.23 ng/ml



#5 Aldrin

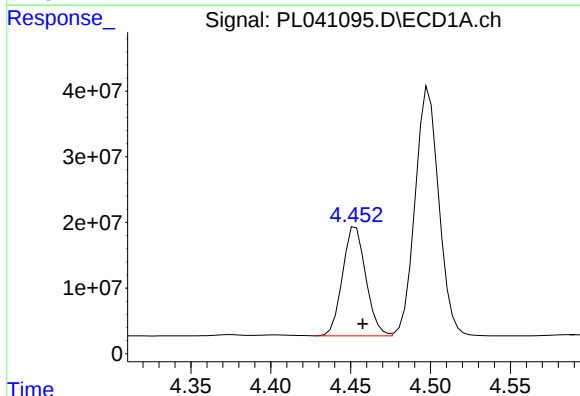
R.T.: 4.746 min  
Delta R.T.: -0.006 min  
Response: 369359879  
Conc: 53.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



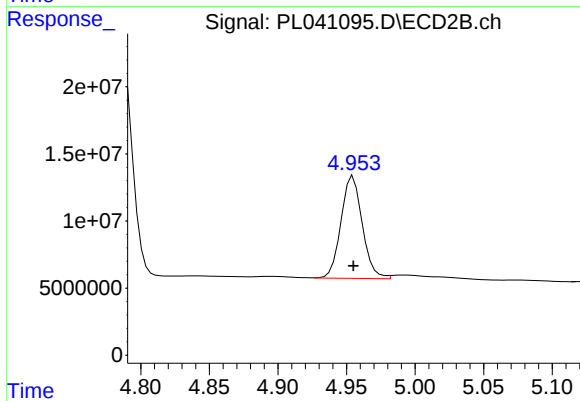
#5 Aldrin

R.T.: 5.611 min  
Delta R.T.: 0.000 min  
Response: 158615231  
Conc: 52.55 ng/ml



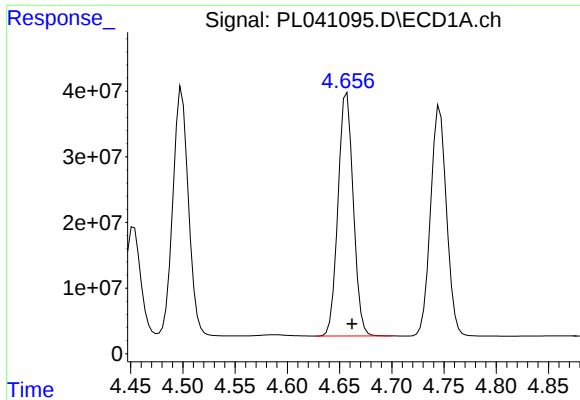
#6 beta-BHC

R.T.: 4.453 min  
Delta R.T.: -0.004 min  
Response: 168856545  
Conc: 53.22 ng/ml



#6 beta-BHC

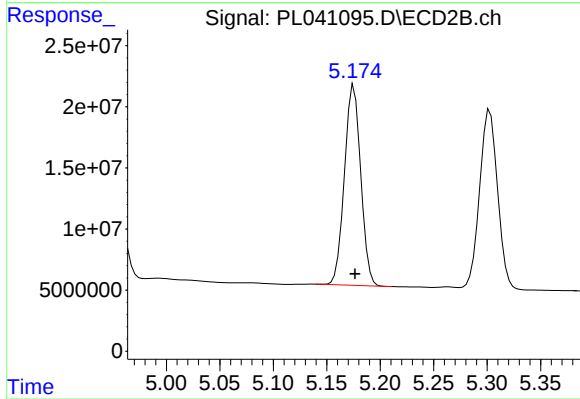
R.T.: 4.955 min  
Delta R.T.: 0.000 min  
Response: 82552846  
Conc: 51.51 ng/ml



#7 delta-BHC

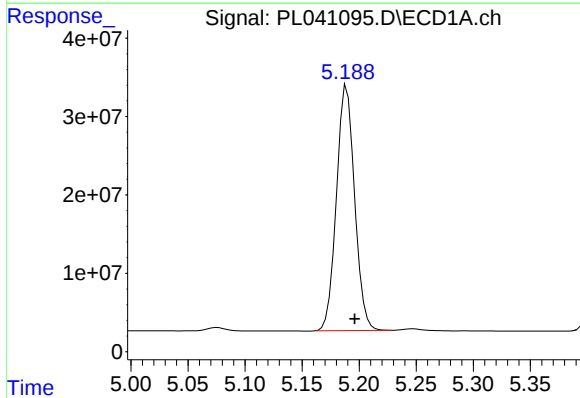
R.T.: 4.657 min  
Delta R.T.: -0.005 min  
Response: 375292168  
Conc: 56.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



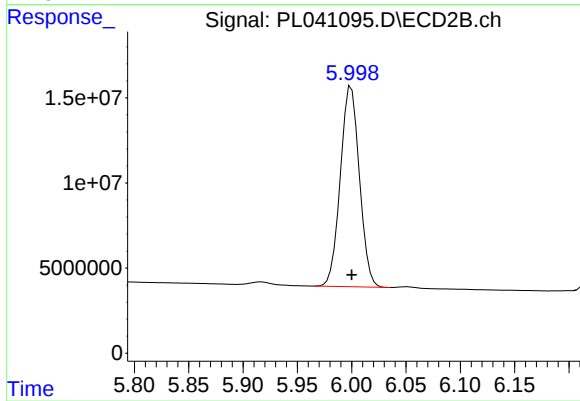
#7 delta-BHC

R.T.: 5.176 min  
Delta R.T.: 0.000 min  
Response: 173928525  
Conc: 52.99 ng/ml



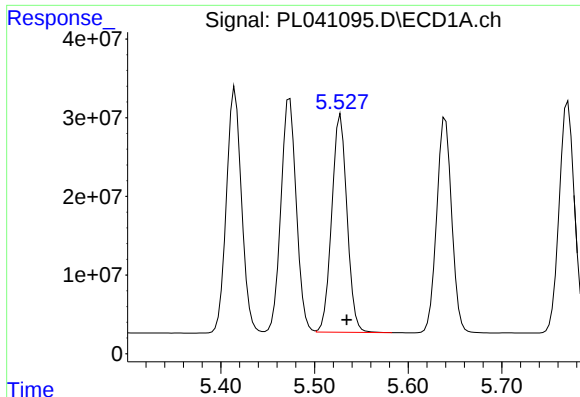
#8 Heptachlor epoxide

R.T.: 5.189 min  
Delta R.T.: -0.007 min  
Response: 346901035  
Conc: 52.89 ng/ml



#8 Heptachlor epoxide

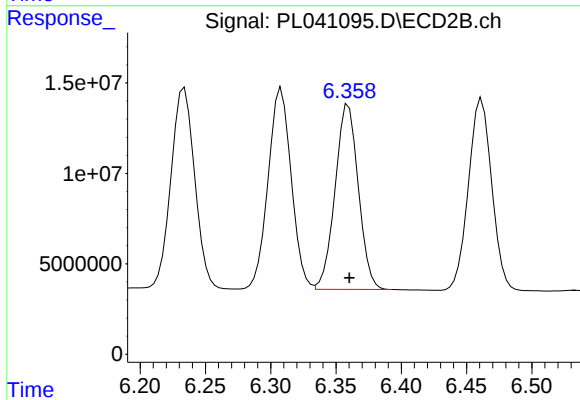
R.T.: 6.000 min  
Delta R.T.: 0.000 min  
Response: 144086683  
Conc: 50.24 ng/ml



#9 Endosulfan I

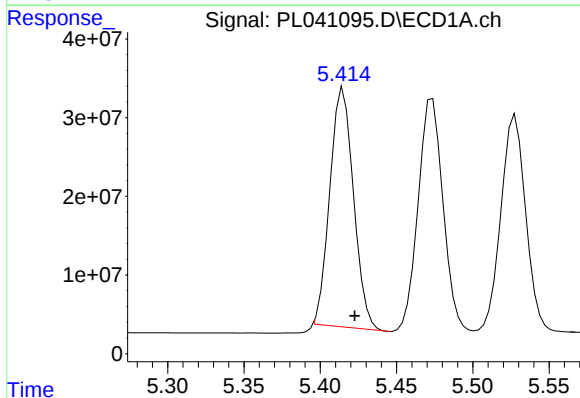
R.T.: 5.528 min  
Delta R.T.: -0.007 min  
Response: 312911552  
Conc: 52.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



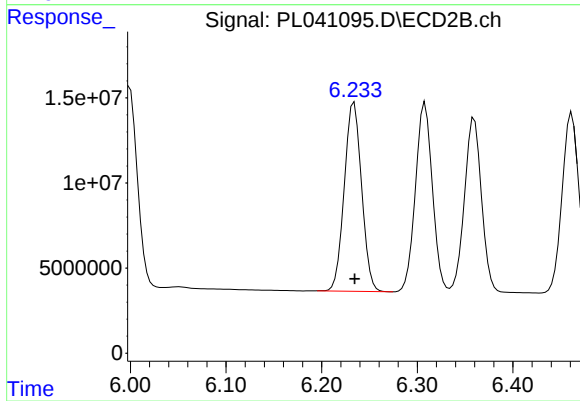
#9 Endosulfan I

R.T.: 6.360 min  
Delta R.T.: 0.000 min  
Response: 126621954  
Conc: 49.44 ng/ml



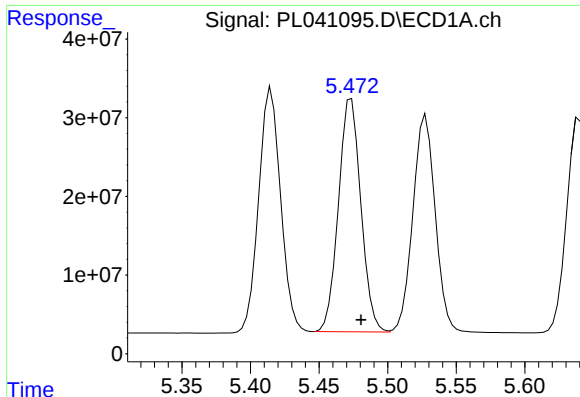
#10 gamma-Chlordane

R.T.: 5.415 min  
Delta R.T.: -0.007 min  
Response: 327634935  
Conc: 49.82 ng/ml



#10 gamma-Chlordane

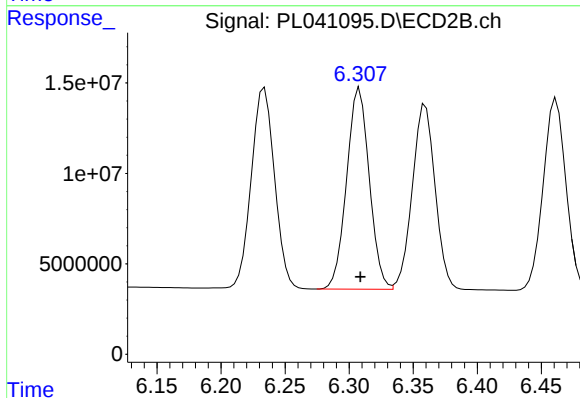
R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 140254589  
Conc: 50.01 ng/ml



#11 alpha-Chlordane

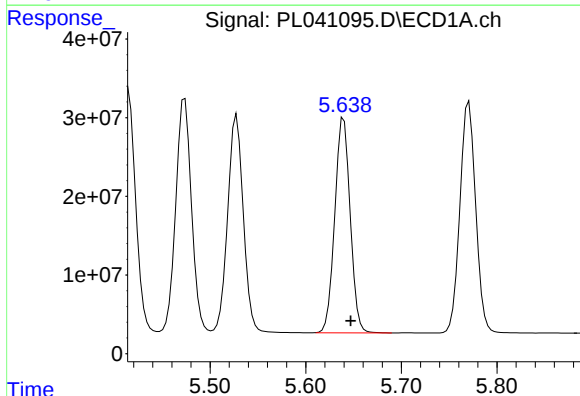
R.T.: 5.473 min  
Delta R.T.: -0.007 min  
Response: 337390773  
Conc: 51.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



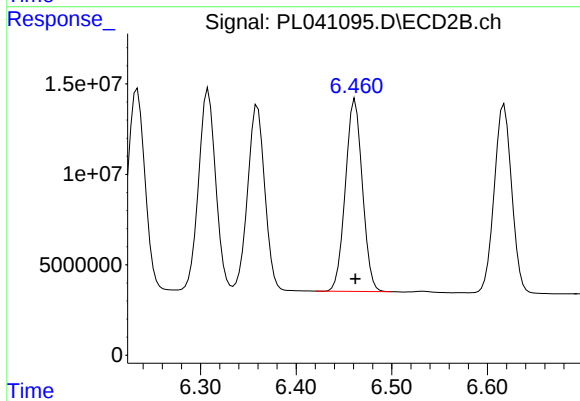
#11 alpha-Chlordane

R.T.: 6.308 min  
Delta R.T.: 0.000 min  
Response: 136914017  
Conc: 49.33 ng/ml



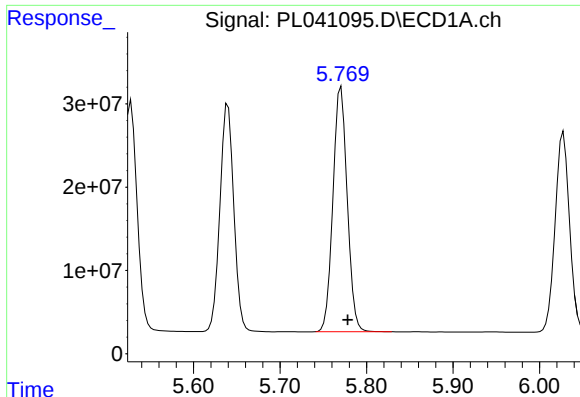
#12 4,4'-DDE

R.T.: 5.640 min  
Delta R.T.: -0.007 min  
Response: 305618132  
Conc: 53.77 ng/ml



#12 4,4'-DDE

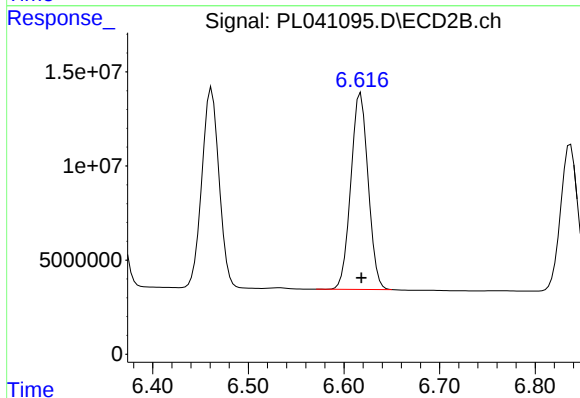
R.T.: 6.462 min  
Delta R.T.: 0.000 min  
Response: 131831090  
Conc: 49.84 ng/ml



#13 Dieldrin

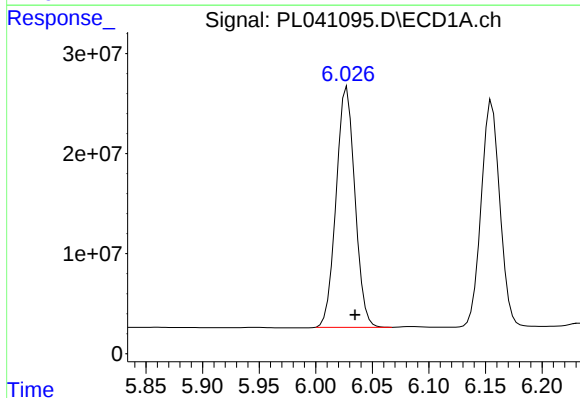
R.T.: 5.771 min  
Delta R.T.: -0.007 min  
Response: 336526885  
Conc: 53.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



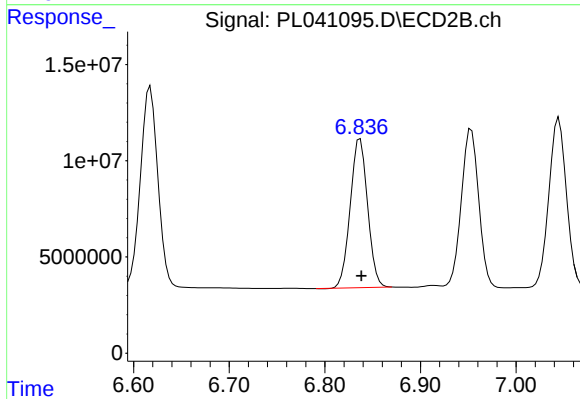
#13 Dieldrin

R.T.: 6.618 min  
Delta R.T.: 0.000 min  
Response: 131606118  
Conc: 49.43 ng/ml



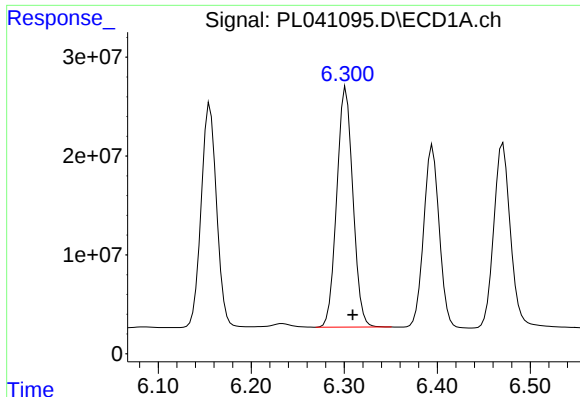
#14 Endrin

R.T.: 6.028 min  
Delta R.T.: -0.007 min  
Response: 277237050  
Conc: 48.27 ng/ml



#14 Endrin

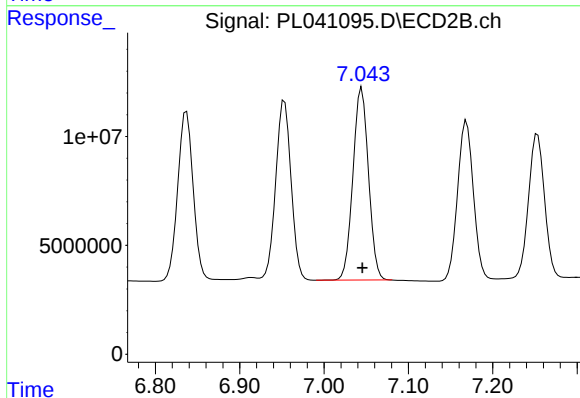
R.T.: 6.837 min  
Delta R.T.: -0.001 min  
Response: 98075327  
Conc: 43.94 ng/ml



#15 Endosulfan II

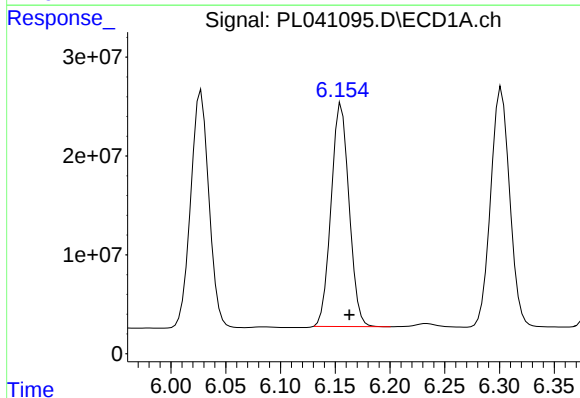
R.T.: 6.302 min  
Delta R.T.: -0.007 min  
Response: 292294940  
Conc: 52.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



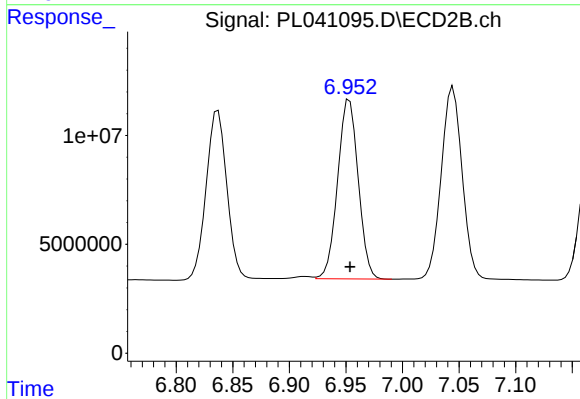
#15 Endosulfan II

R.T.: 7.045 min  
Delta R.T.: 0.000 min  
Response: 113192996  
Conc: 47.66 ng/ml



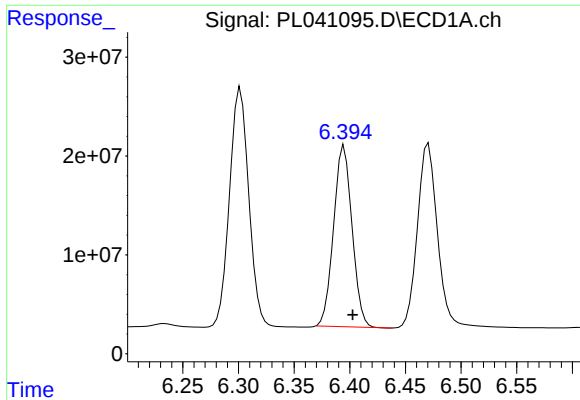
#16 4,4'-DDD

R.T.: 6.156 min  
Delta R.T.: -0.007 min  
Response: 257324224  
Conc: 56.97 ng/ml



#16 4,4'-DDD

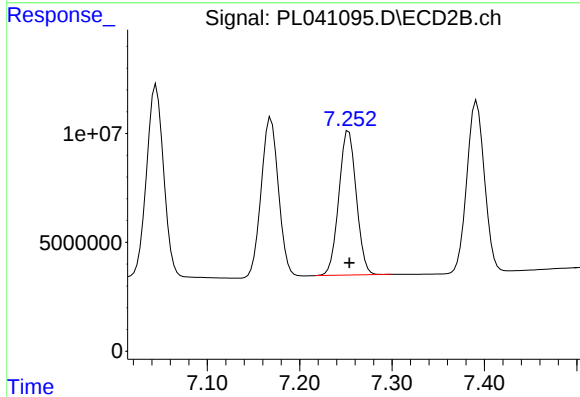
R.T.: 6.953 min  
Delta R.T.: 0.000 min  
Response: 104552288  
Conc: 49.91 ng/ml



#17 4,4'-DDT

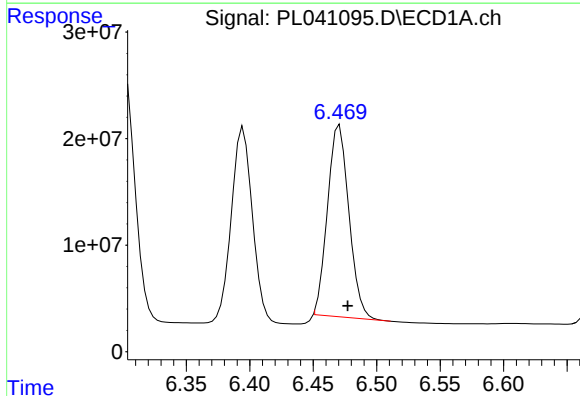
R.T.: 6.395 min  
Delta R.T.: -0.008 min  
Response: 210845147  
Conc: 46.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



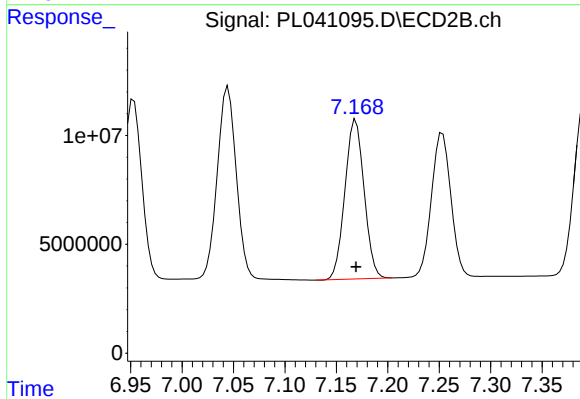
#17 4,4'-DDT

R.T.: 7.253 min  
Delta R.T.: 0.000 min  
Response: 87096724  
Conc: 41.87 ng/ml



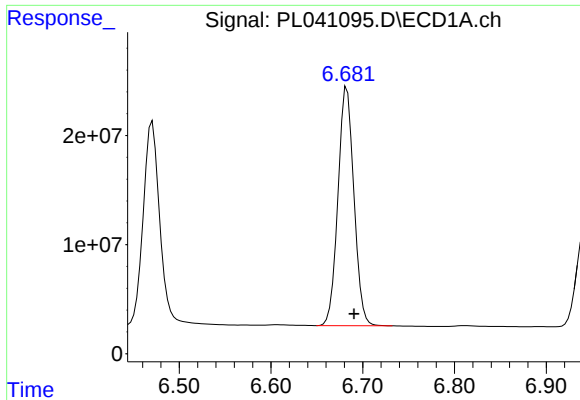
#18 Endrin aldehyde

R.T.: 6.471 min  
Delta R.T.: -0.007 min  
Response: 210825020  
Conc: 50.28 ng/ml



#18 Endrin aldehyde

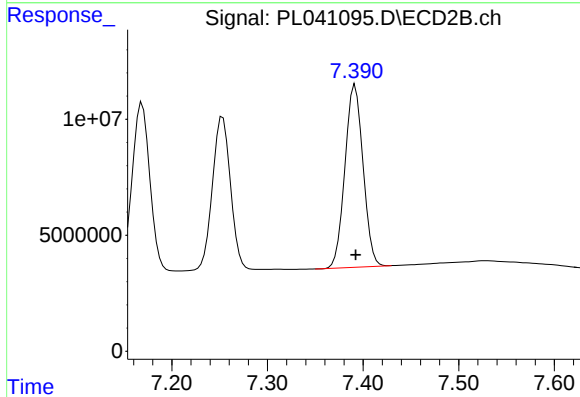
R.T.: 7.169 min  
Delta R.T.: 0.000 min  
Response: 95188833  
Conc: 47.98 ng/ml



#19 Endosulfan Sulfate

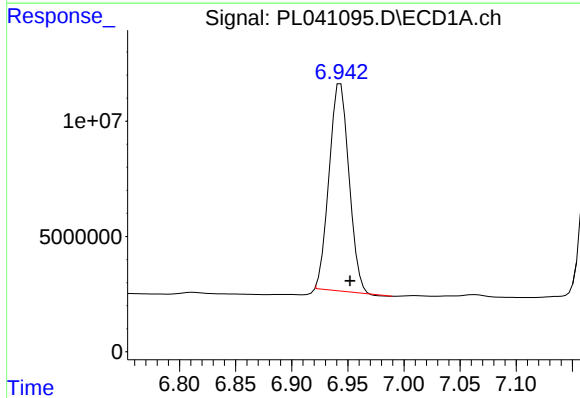
R.T.: 6.683 min  
Delta R.T.: -0.008 min  
Response: 264441112  
Conc: 51.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



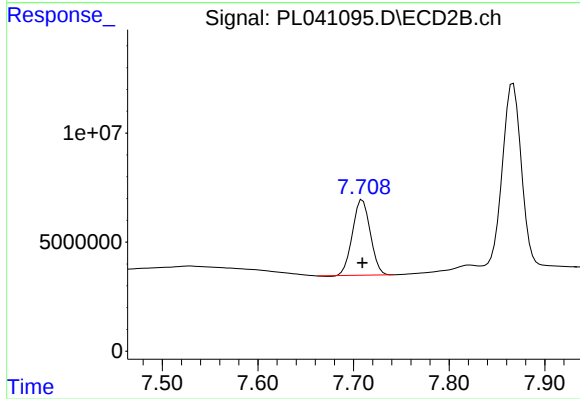
#19 Endosulfan Sulfate

R.T.: 7.392 min  
Delta R.T.: 0.000 min  
Response: 104120214  
Conc: 46.60 ng/ml



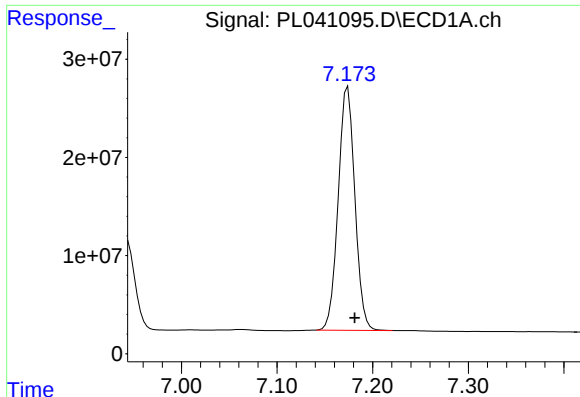
#20 Methoxychlor

R.T.: 6.943 min  
Delta R.T.: -0.009 min  
Response: 110257890  
Conc: 42.39 ng/ml



#20 Methoxychlor

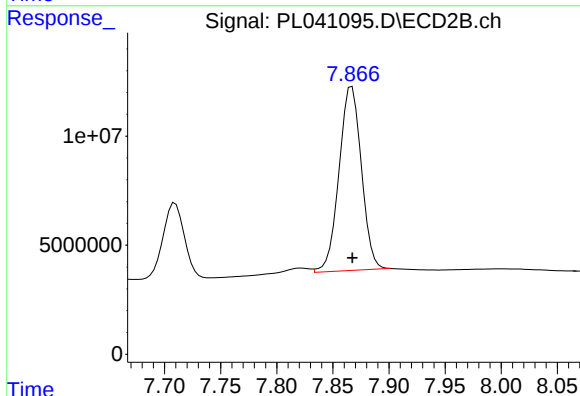
R.T.: 7.709 min  
Delta R.T.: 0.000 min  
Response: 45070200  
Conc: 38.29 ng/ml



#21 Endrin ketone

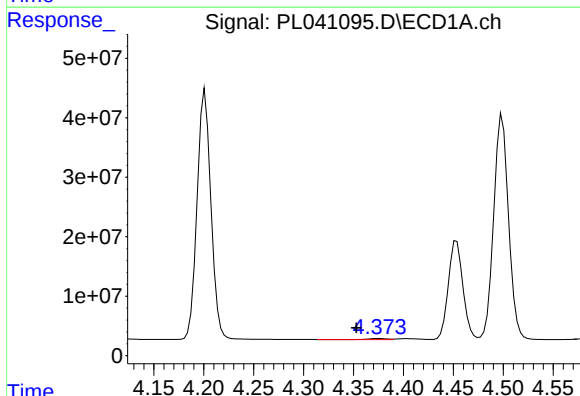
R.T.: 7.174 min  
Delta R.T.: -0.007 min  
Response: 300457976  
Conc: 57.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



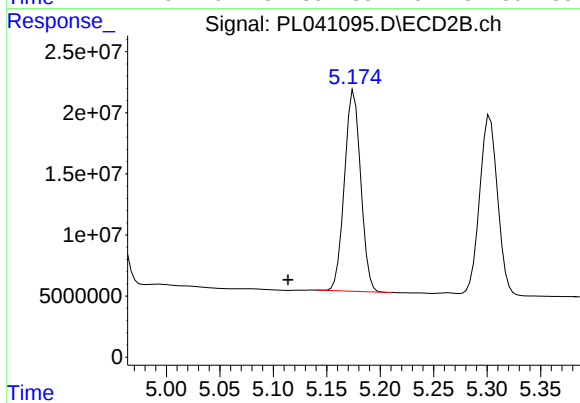
#21 Endrin ketone

R.T.: 7.867 min  
Delta R.T.: 0.000 min  
Response: 117007816  
Conc: 49.76 ng/ml



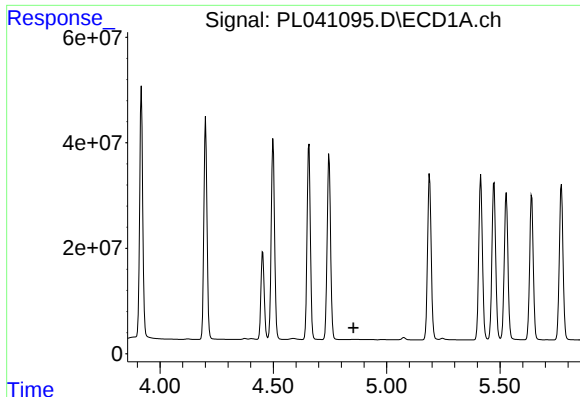
#23 Chlordane-1

R.T.: 4.375 min  
Delta R.T.: 0.022 min  
Response: 2021210  
Conc: 7.92 ng/ml



#23 Chlordane-1

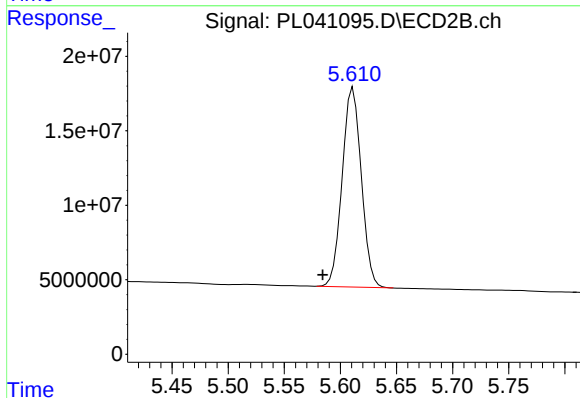
R.T.: 5.176 min  
Delta R.T.: 0.062 min  
Response: 173928525  
Conc: 1408.16 ng/ml



#24 Chlordane-2

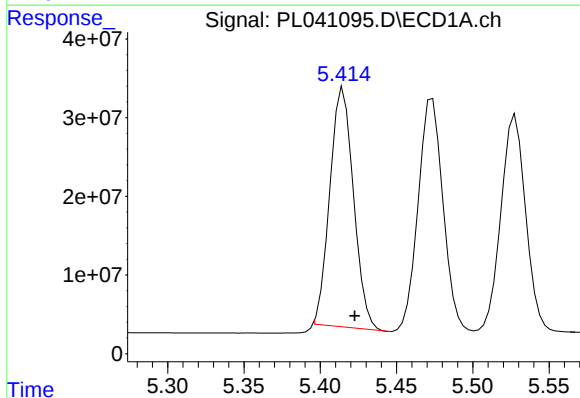
R.T.: 0.000 min  
Exp R.T.: 4.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



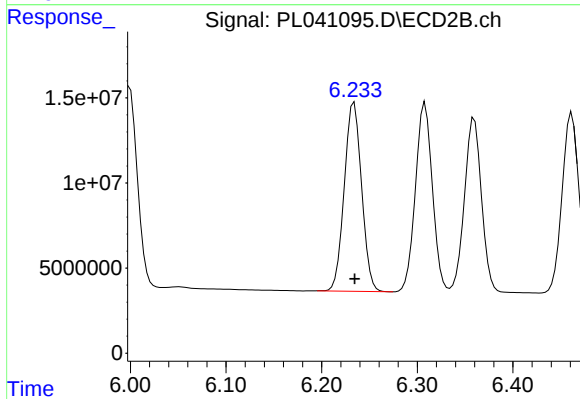
#24 Chlordane-2

R.T.: 5.611 min  
Delta R.T.: 0.027 min  
Response: 158615231  
Conc: 1282.57 ng/ml



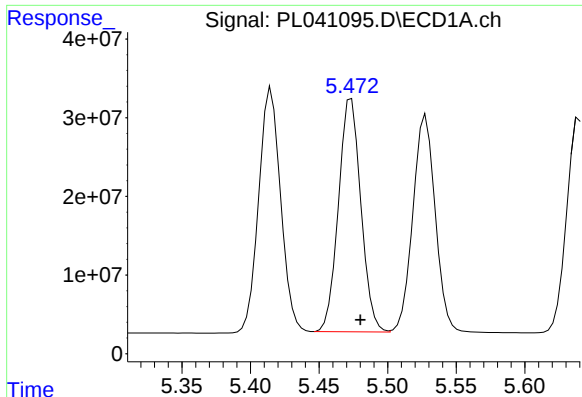
#25 Chlordane-3

R.T.: 5.415 min  
Delta R.T.: -0.007 min  
Response: 327634935  
Conc: 428.08 ng/ml



#25 Chlordane-3

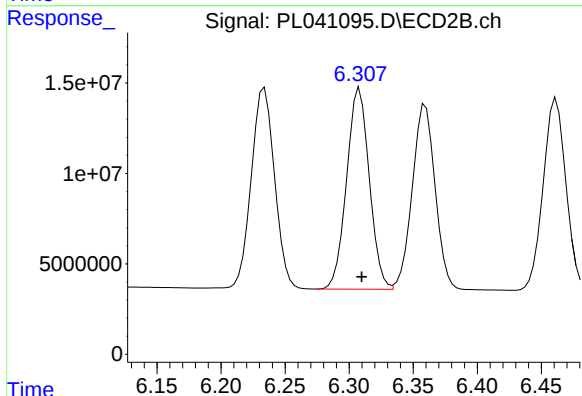
R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 140254589  
Conc: 347.91 ng/ml



#26 Chlordane-4

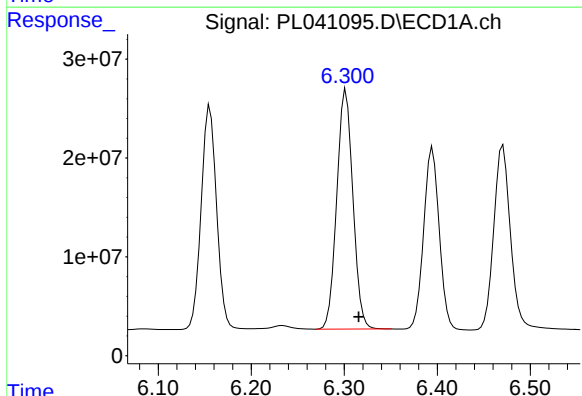
R.T.: 5.473 min  
Delta R.T.: -0.007 min  
Response: 337390773  
Conc: 503.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



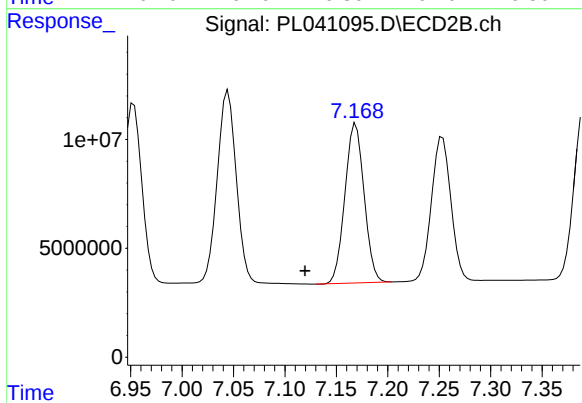
#26 Chlordane-4

R.T.: 6.308 min  
Delta R.T.: -0.002 min  
Response: 136914017  
Conc: 288.46 ng/ml



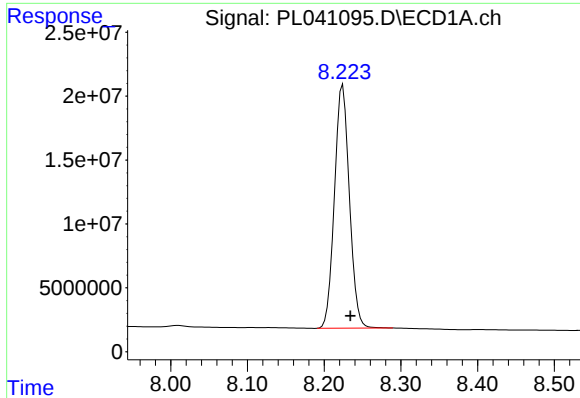
#27 Chlordane-5

R.T.: 6.302 min  
Delta R.T.: -0.014 min  
Response: 292294940  
Conc: 1348.75 ng/ml



#27 Chlordane-5

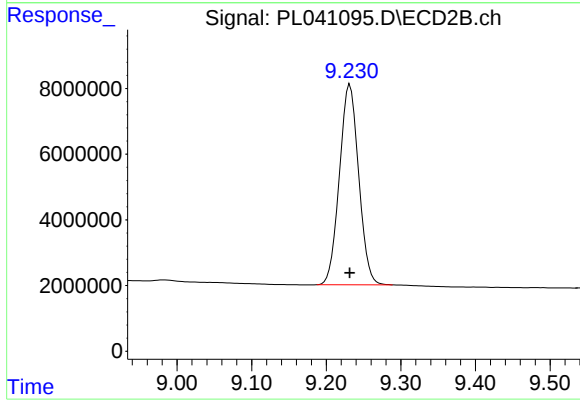
R.T.: 7.169 min  
Delta R.T.: 0.049 min  
Response: 95188833  
Conc: 1075.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.224 min  
Delta R.T.: -0.010 min  
Response: 257802928  
Conc: 49.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.232 min  
Delta R.T.: 0.000 min  
Response: 109422477  
Conc: 42.32 ng/ml