

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110218\  
 Data File : PL041694.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Nov 2018 16:27  
 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: Nov 02 23:07:17 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102918.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 30 01:26:00 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... | 3.472 | 4.104 | 319.2E6 | 161.9E6  | 50.107   | 52.548     |
| 28)                         | SA Decachlor... | 8.216 | 9.237 | 297.9E6 | 120.8E6  | 44.973   | 47.166     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.913 | 4.500 | 495.4E6 | 246.3E6  | 50.992   | 53.699     |
| 3)                          | MA gamma-BHC... | 4.197 | 4.789 | 455.3E6 | 225.8E6  | 50.961   | 53.267     |
| 4)                          | MA Heptachlor   | 4.493 | 5.305 | 455.2E6 | 217.3E6  | 49.668   | 53.434     |
| 5)                          | MB Aldrin       | 4.740 | 5.614 | 426.5E6 | 206.3E6  | 50.515   | 54.008     |
| 6)                          | B beta-BHC      | 4.449 | 4.957 | 189.3E6 | 93119914 | 50.220   | 54.219     |
| 7)                          | B delta-BHC     | 4.652 | 5.178 | 431.1E6 | 218.8E6  | 51.907   | 54.193     |
| 8)                          | B Heptachlo...  | 5.183 | 6.002 | 397.3E6 | 180.2E6  | 49.205   | 51.251     |
| 9)                          | A Endosulfan I  | 5.521 | 6.362 | 364.8E6 | 169.2E6  | 49.025   | 54.440     |
| 10)                         | B gamma-Chl...  | 5.410 | 6.237 | 400.6E6 | 185.8E6  | 49.188   | 55.050     |
| 11)                         | B alpha-Chl...  | 5.467 | 6.311 | 394.3E6 | 181.1E6  | 48.708   | 53.510     |
| 12)                         | B 4,4'-DDE      | 5.633 | 6.465 | 354.5E6 | 176.9E6  | 49.522   | 54.071     |
| 13)                         | MA Dieldrin     | 5.764 | 6.621 | 393.7E6 | 176.0E6  | 49.509   | 54.610     |
| 14)                         | MA Endrin       | 6.020 | 6.840 | 335.6E6 | 139.4E6  | 45.880   | 51.285     |
| 15)                         | B Endosulfa...  | 6.295 | 7.048 | 340.6E6 | 146.6E6  | 49.272   | 54.192     |
| 16)                         | A 4,4'-DDD      | 6.149 | 6.956 | 300.6E6 | 138.1E6  | 51.736   | 55.453     |
| 17)                         | MA 4,4'-DDT     | 6.387 | 7.257 | 280.6E6 | 125.4E6  | 46.116   | 49.869     |
| 18)                         | B Endrin al...  | 6.463 | 7.172 | 271.9E6 | 122.1E6  | 49.368   | 55.771     |
| 19)                         | B Endosulfa...  | 6.676 | 7.396 | 313.3E6 | 131.0E6  | 49.057   | 52.785     |
| 20)                         | A Methoxychlor  | 6.935 | 7.712 | 152.1E6 | 62991238 | 45.245   | 48.623     |
| 21)                         | B Endrin ke...  | 7.166 | 7.871 | 356.8E6 | 140.9E6  | 49.440   | 53.554     |
| 23)                         | Chlordane-1     | 4.370 | 5.178 | 2717451 | 218.8E6  | 9.584    | 1575.687 # |
| 24)                         | Chlordane-2     | 0.000 | 5.614 | 0       | 206.3E6  | N.D.     | 1552.265 # |
| 25)                         | Chlordane-3     | 5.410 | 6.237 | 400.6E6 | 185.8E6  | 449.428  | 412.949    |
| 26)                         | Chlordane-4     | 5.467 | 6.311 | 394.3E6 | 181.1E6  | 503.670  | 346.395 #  |
| 27)                         | Chlordane-5     | 6.295 | 7.172 | 340.6E6 | 122.1E6  | 1365.750 | 1249.978   |
| -----                       |                 |       |       |         |          |          |            |

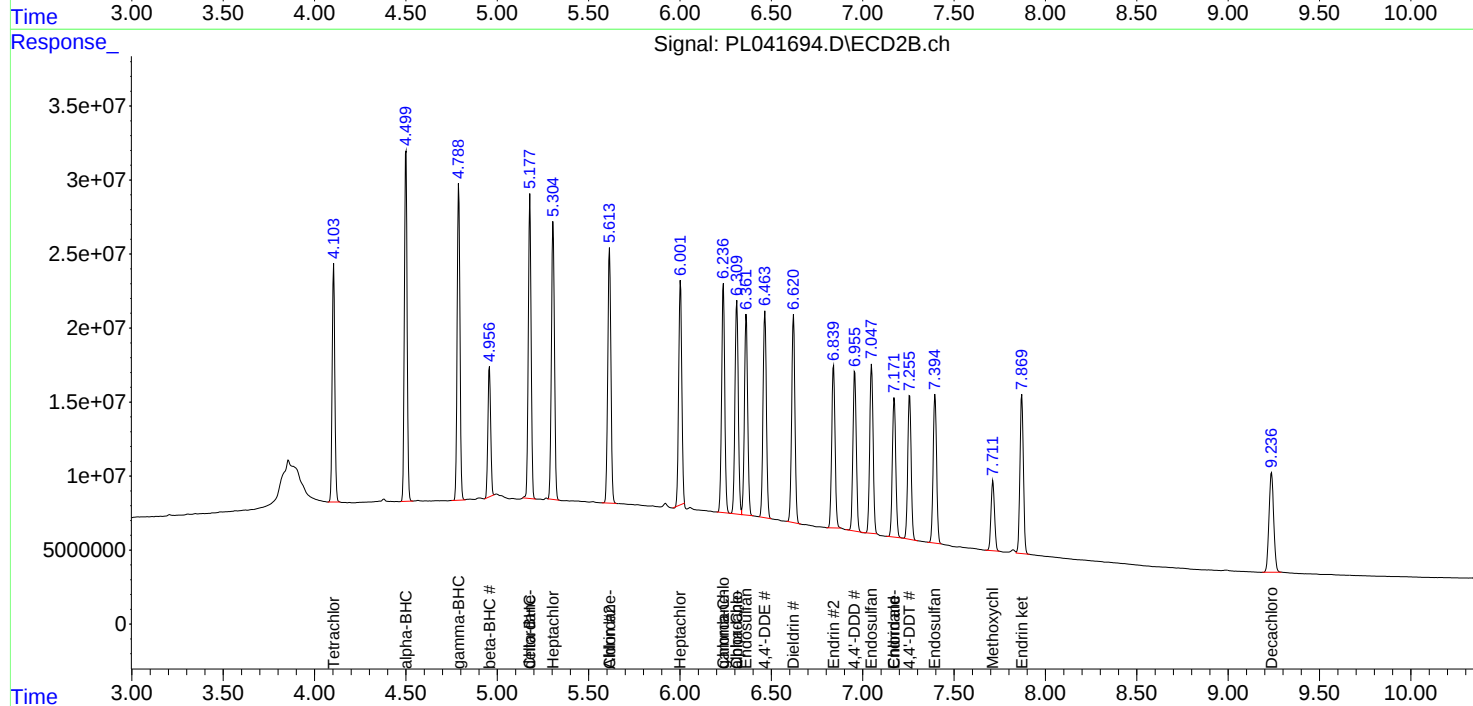
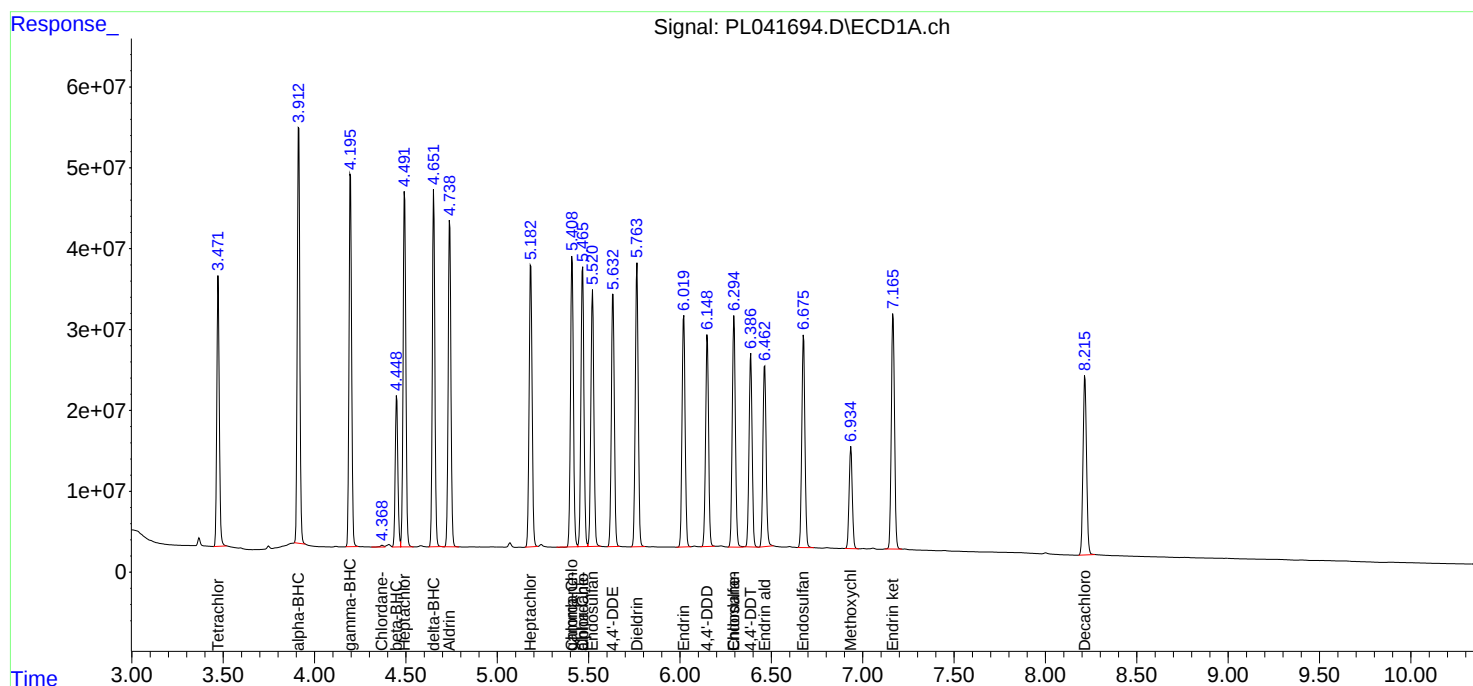
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

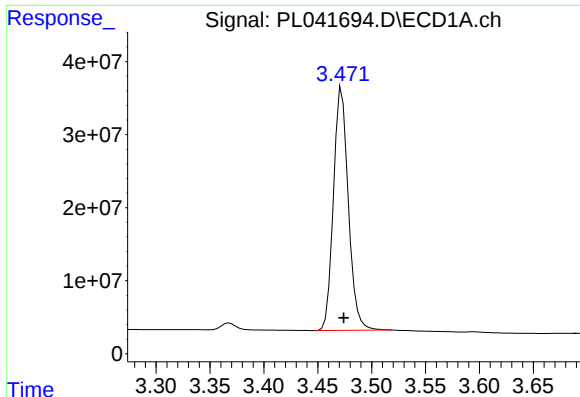
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110218\  
Data File : PL041694.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Nov 2018 16:27  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 02 23:07:17 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102918.M  
Quant Title : GC Extractables  
QLast Update : Tue Oct 30 01:26:00 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

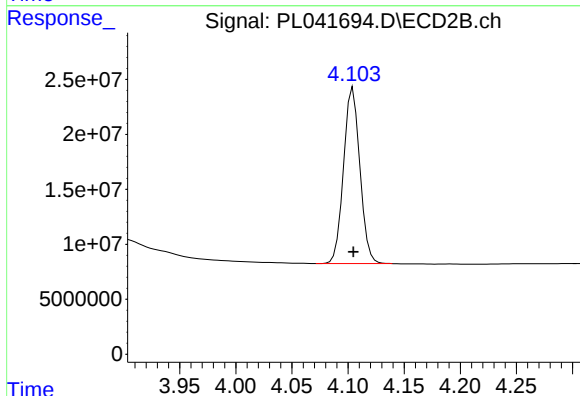




#1 Tetrachloro-m-xylene

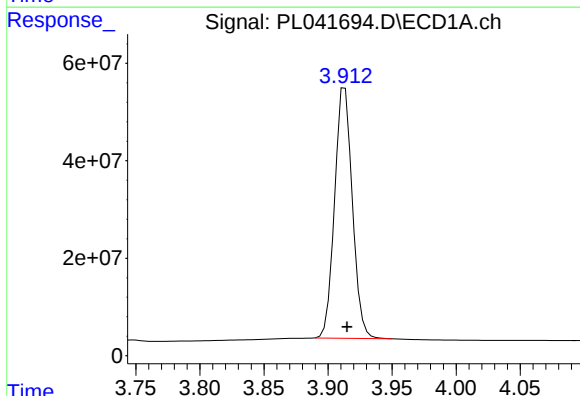
R.T.: 3.472 min  
Delta R.T.: -0.002 min  
Response: 319195116  
Conc: 50.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



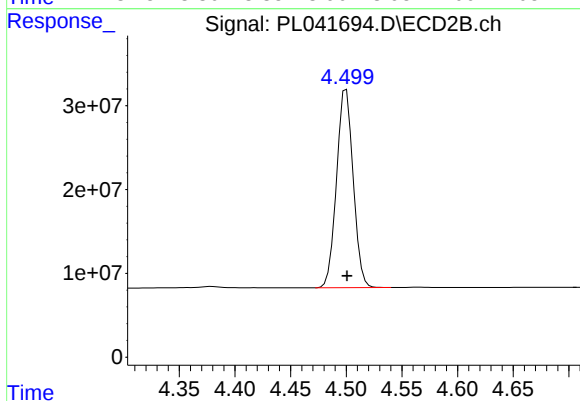
#1 Tetrachloro-m-xylene

R.T.: 4.104 min  
Delta R.T.: 0.000 min  
Response: 161859346  
Conc: 52.55 ng/ml



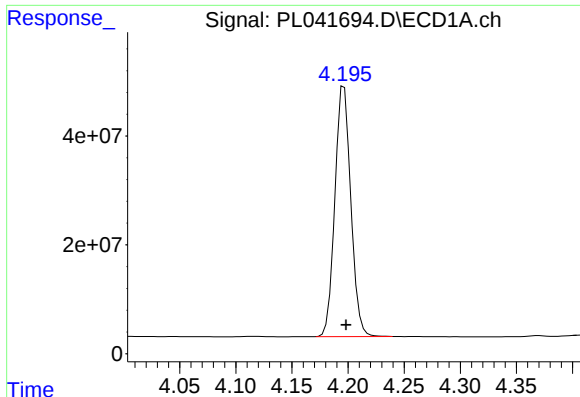
#2 alpha-BHC

R.T.: 3.913 min  
Delta R.T.: -0.002 min  
Response: 495408487  
Conc: 50.99 ng/ml



#2 alpha-BHC

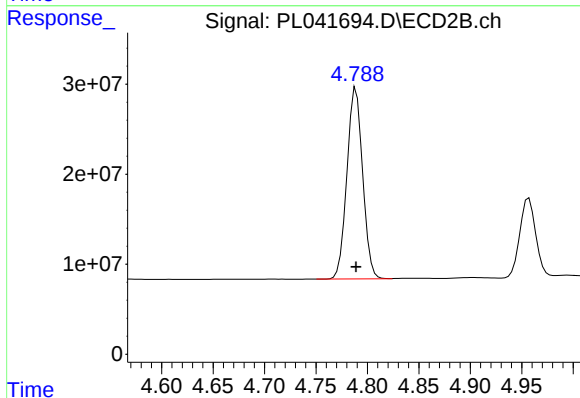
R.T.: 4.500 min  
Delta R.T.: 0.000 min  
Response: 246306631  
Conc: 53.70 ng/ml



#3 gamma-BHC (Lindane)

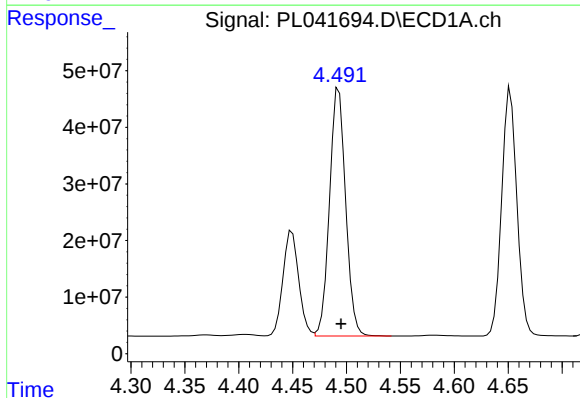
R.T.: 4.197 min  
Delta R.T.: -0.002 min  
Response: 455278589  
Conc: 50.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



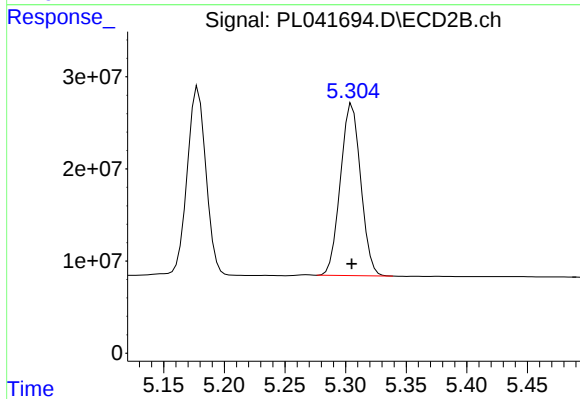
#3 gamma-BHC (Lindane)

R.T.: 4.789 min  
Delta R.T.: 0.000 min  
Response: 225833472  
Conc: 53.27 ng/ml



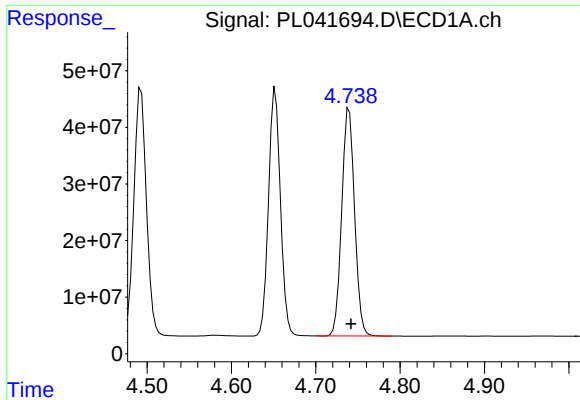
#4 Heptachlor

R.T.: 4.493 min  
Delta R.T.: -0.002 min  
Response: 455218092  
Conc: 49.67 ng/ml



#4 Heptachlor

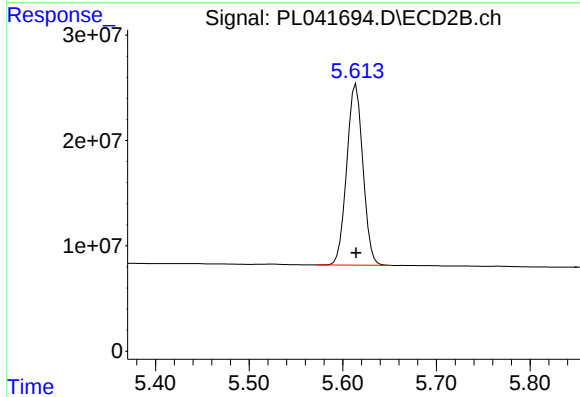
R.T.: 5.305 min  
Delta R.T.: 0.000 min  
Response: 217279098  
Conc: 53.43 ng/ml



#5 Aldrin

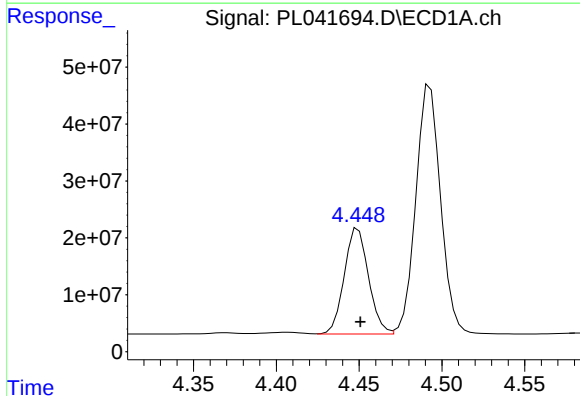
R.T.: 4.740 min  
Delta R.T.: -0.002 min  
Response: 426460816  
Conc: 50.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



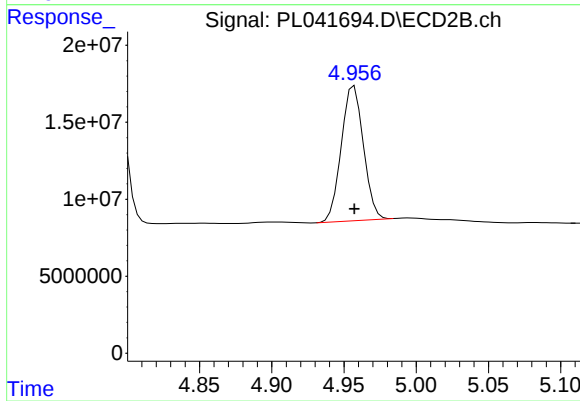
#5 Aldrin

R.T.: 5.614 min  
Delta R.T.: 0.000 min  
Response: 206272026  
Conc: 54.01 ng/ml



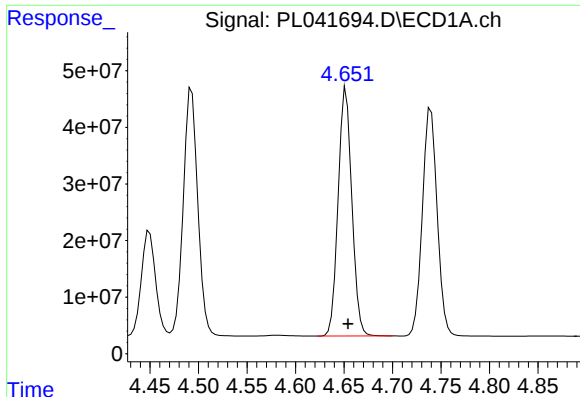
#6 beta-BHC

R.T.: 4.449 min  
Delta R.T.: -0.001 min  
Response: 189288067  
Conc: 50.22 ng/ml



#6 beta-BHC

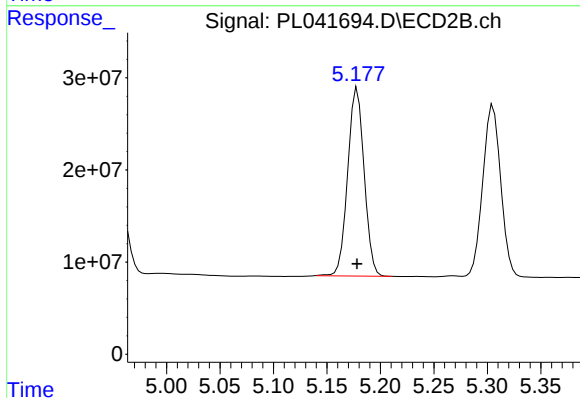
R.T.: 4.957 min  
Delta R.T.: 0.000 min  
Response: 93119914  
Conc: 54.22 ng/ml



#7 delta-BHC

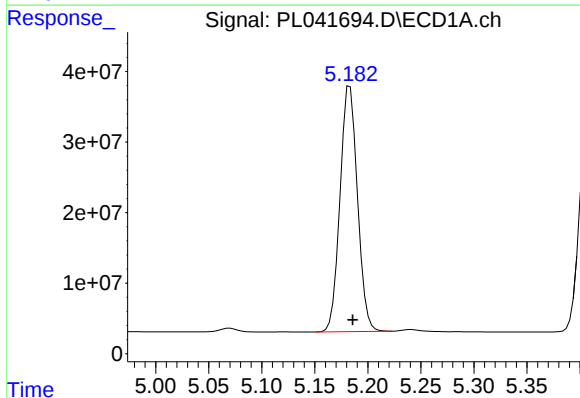
R.T.: 4.652 min  
Delta R.T.: -0.002 min  
Response: 431126112  
Conc: 51.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



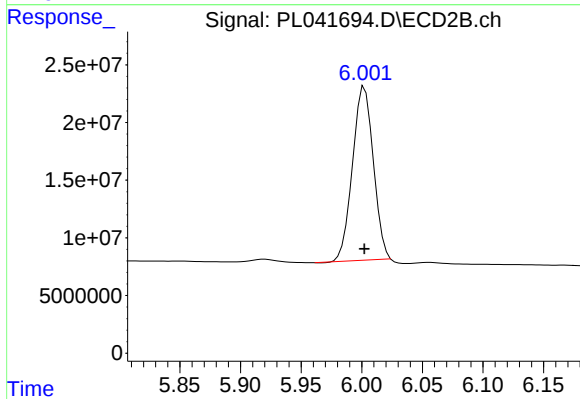
#7 delta-BHC

R.T.: 5.178 min  
Delta R.T.: 0.000 min  
Response: 218847011  
Conc: 54.19 ng/ml



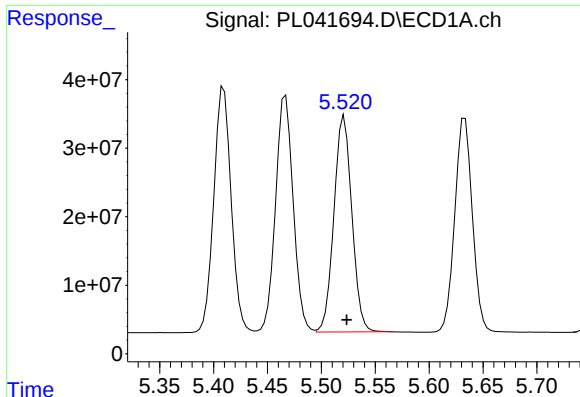
#8 Heptachlor epoxide

R.T.: 5.183 min  
Delta R.T.: -0.003 min  
Response: 397299589  
Conc: 49.21 ng/ml



#8 Heptachlor epoxide

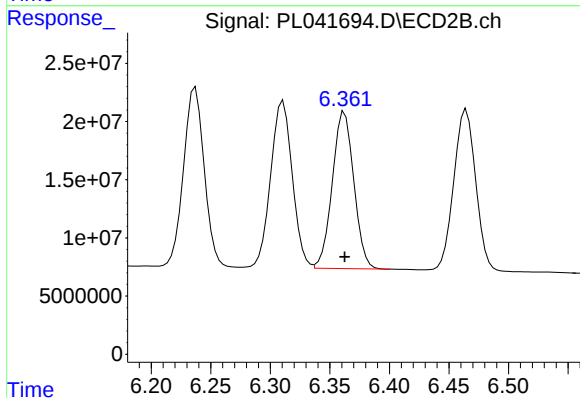
R.T.: 6.002 min  
Delta R.T.: 0.000 min  
Response: 180179475  
Conc: 51.25 ng/ml



#9 Endosulfan I

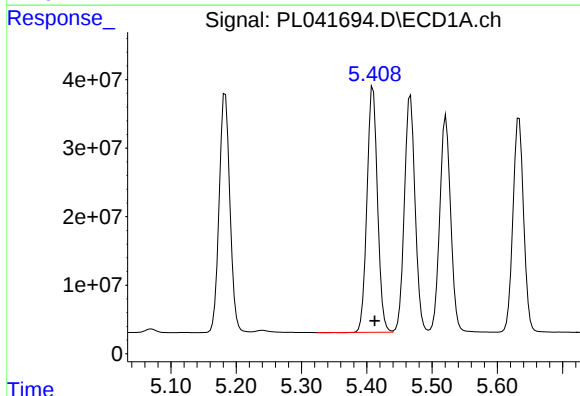
R.T.: 5.521 min  
Delta R.T.: -0.002 min  
Response: 364817674  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



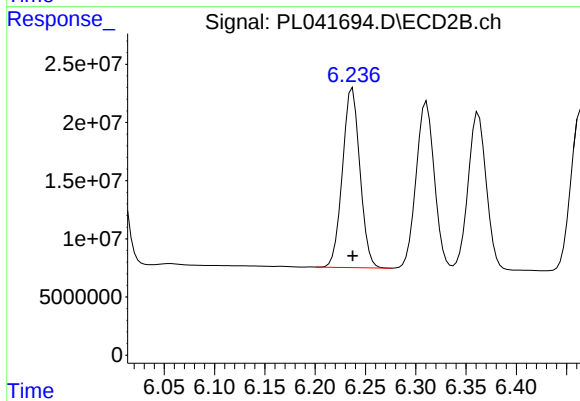
#9 Endosulfan I

R.T.: 6.362 min  
Delta R.T.: 0.000 min  
Response: 169197460  
Conc: 54.44 ng/ml



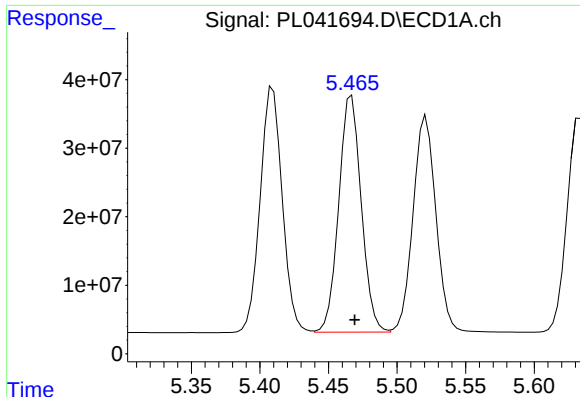
#10 gamma-Chlordane

R.T.: 5.410 min  
Delta R.T.: -0.002 min  
Response: 400568567  
Conc: 49.19 ng/ml



#10 gamma-Chlordane

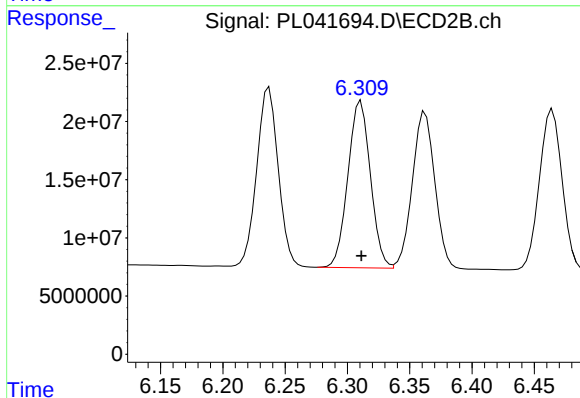
R.T.: 6.237 min  
Delta R.T.: 0.000 min  
Response: 185839102  
Conc: 55.05 ng/ml



#11 alpha-Chlordane

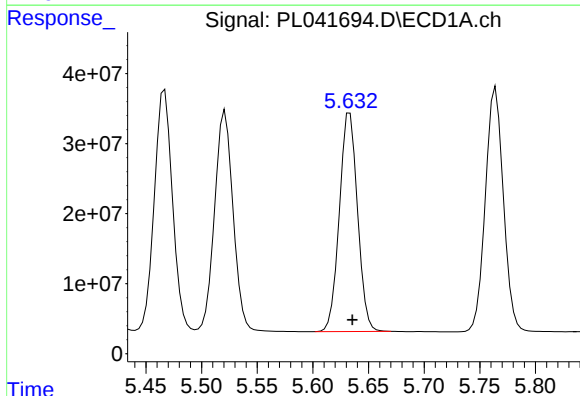
R.T.: 5.467 min  
Delta R.T.: -0.002 min  
Response: 394349563  
Conc: 48.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



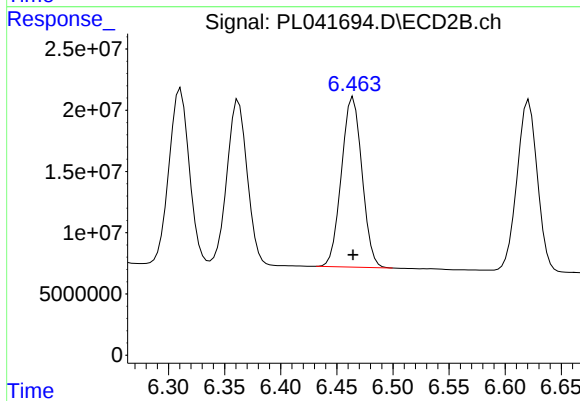
#11 alpha-Chlordane

R.T.: 6.311 min  
Delta R.T.: 0.000 min  
Response: 181102631  
Conc: 53.51 ng/ml



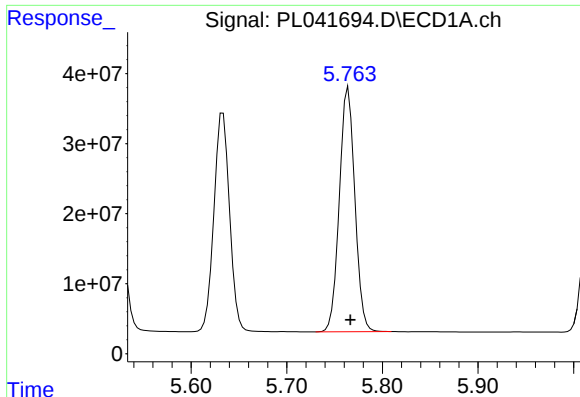
#12 4,4'-DDE

R.T.: 5.633 min  
Delta R.T.: -0.002 min  
Response: 354483098  
Conc: 49.52 ng/ml



#12 4,4'-DDE

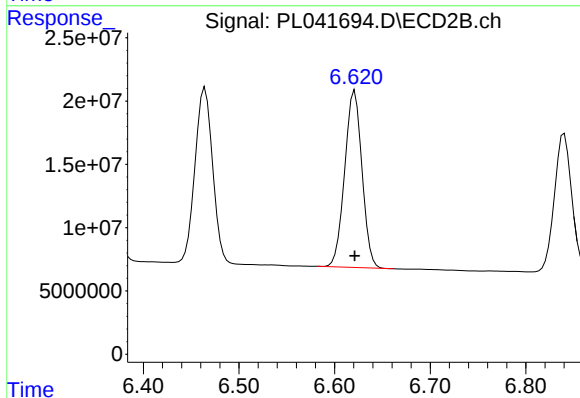
R.T.: 6.465 min  
Delta R.T.: 0.000 min  
Response: 176944133  
Conc: 54.07 ng/ml



#13 Dieldrin

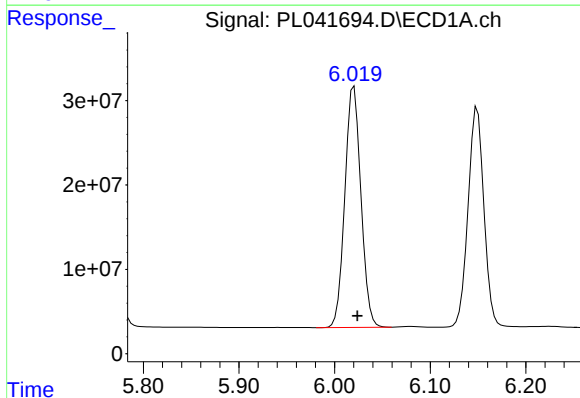
R.T.: 5.764 min  
Delta R.T.: -0.002 min  
Response: 393696844  
Conc: 49.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



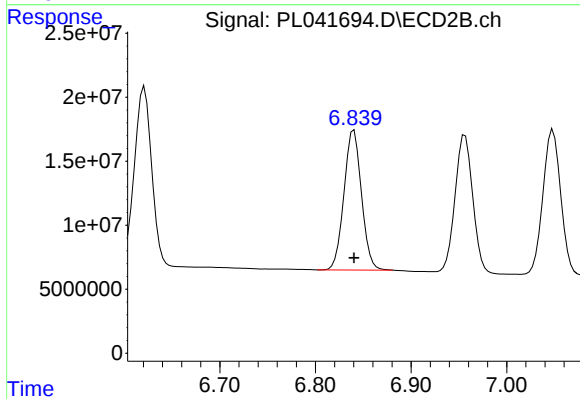
#13 Dieldrin

R.T.: 6.621 min  
Delta R.T.: 0.000 min  
Response: 176034294  
Conc: 54.61 ng/ml



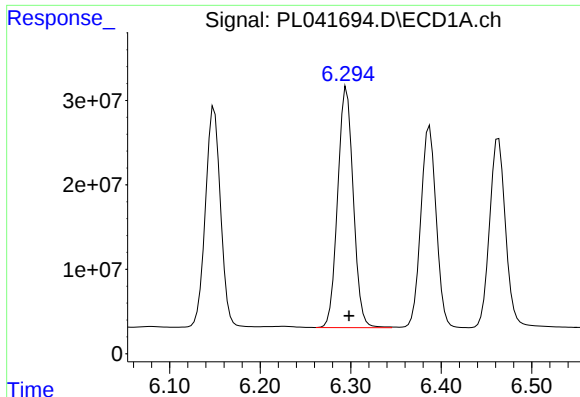
#14 Endrin

R.T.: 6.020 min  
Delta R.T.: -0.003 min  
Response: 335576309  
Conc: 45.88 ng/ml



#14 Endrin

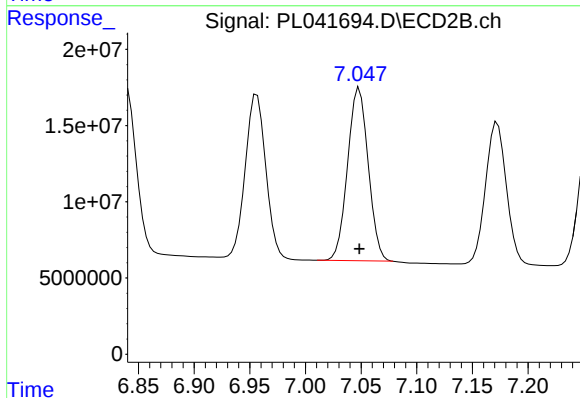
R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 139420855  
Conc: 51.29 ng/ml



#15 Endosulfan II

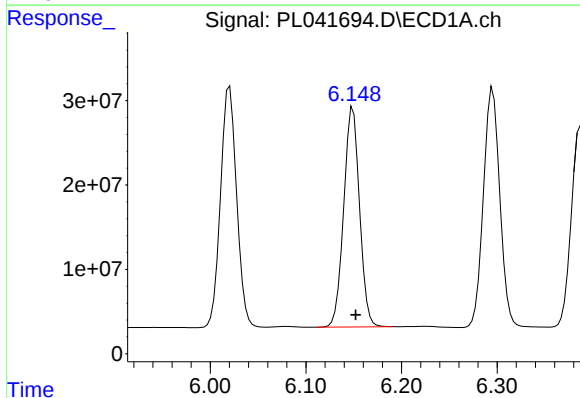
R.T.: 6.295 min  
Delta R.T.: -0.003 min  
Response: 340568565  
Conc: 49.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



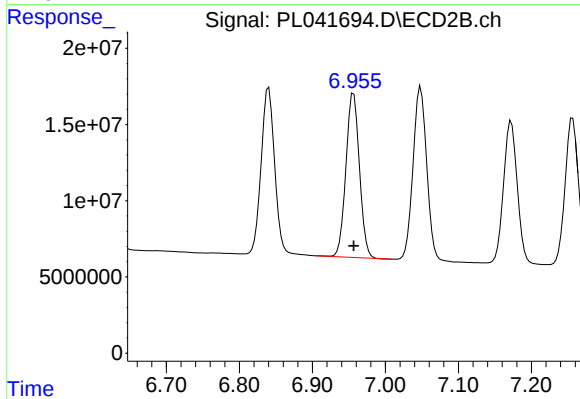
#15 Endosulfan II

R.T.: 7.048 min  
Delta R.T.: 0.000 min  
Response: 146608671  
Conc: 54.19 ng/ml



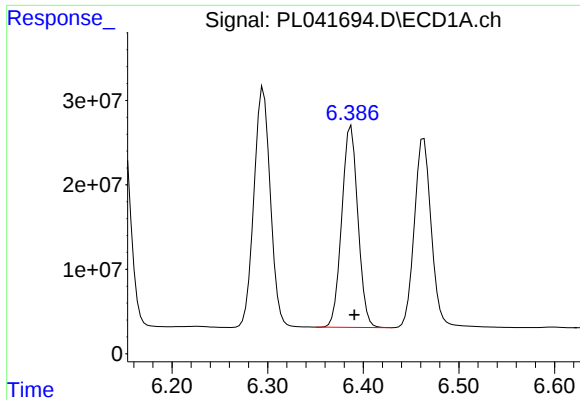
#16 4,4'-DDD

R.T.: 6.149 min  
Delta R.T.: -0.003 min  
Response: 300636265  
Conc: 51.74 ng/ml



#16 4,4'-DDD

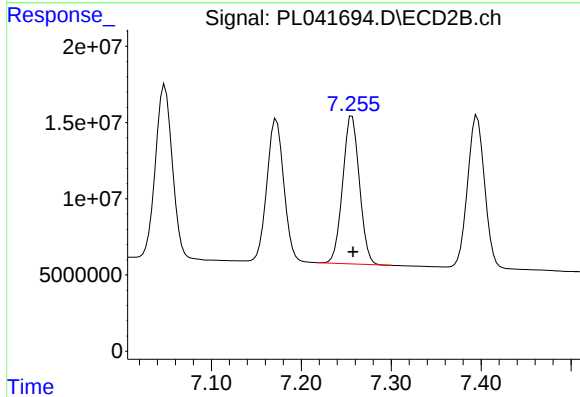
R.T.: 6.956 min  
Delta R.T.: 0.000 min  
Response: 138068887  
Conc: 55.45 ng/ml



#17 4,4'-DDT

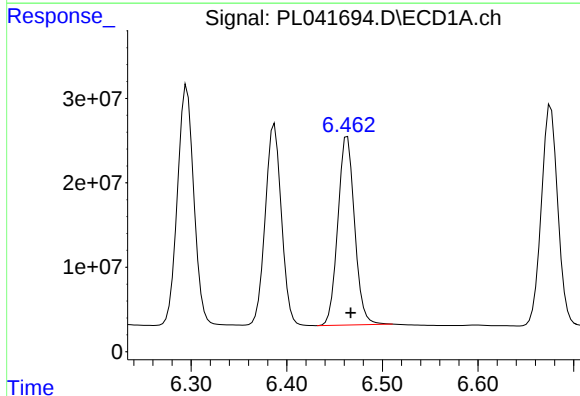
R.T.: 6.387 min  
Delta R.T.: -0.004 min  
Response: 280555379  
Conc: 46.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



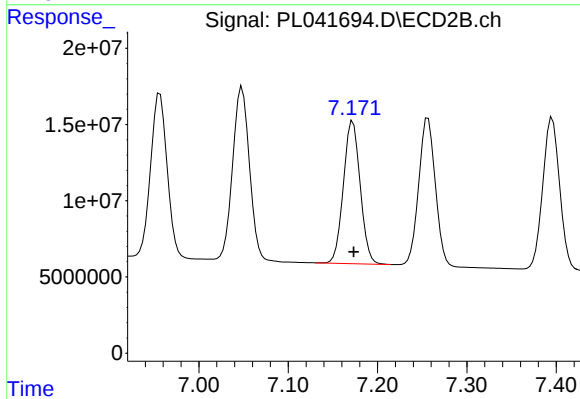
#17 4,4'-DDT

R.T.: 7.257 min  
Delta R.T.: -0.001 min  
Response: 125371462  
Conc: 49.87 ng/ml



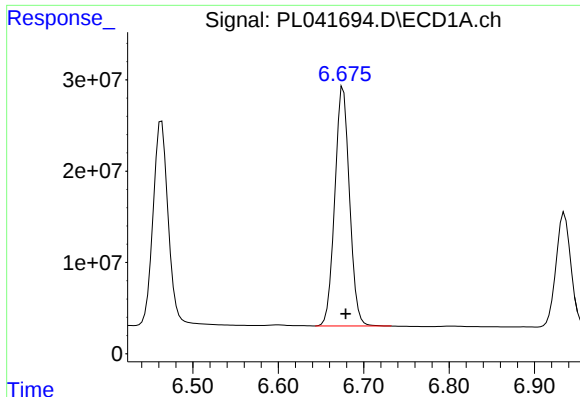
#18 Endrin aldehyde

R.T.: 6.463 min  
Delta R.T.: -0.003 min  
Response: 271907011  
Conc: 49.37 ng/ml



#18 Endrin aldehyde

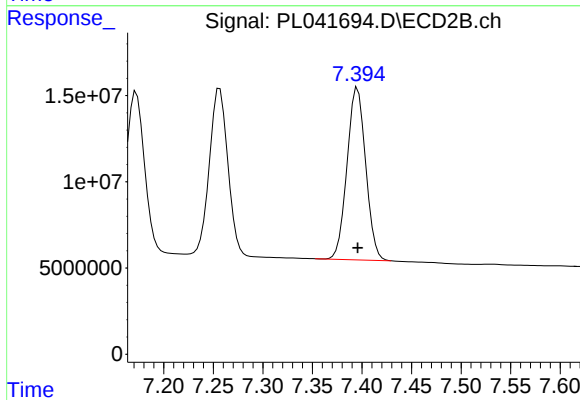
R.T.: 7.172 min  
Delta R.T.: -0.001 min  
Response: 122074402  
Conc: 55.77 ng/ml



#19 Endosulfan Sulfate

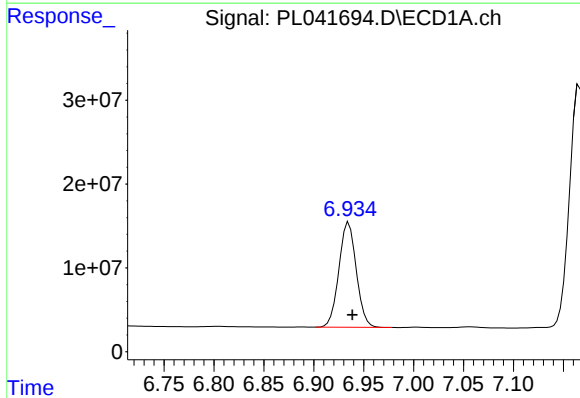
R.T.: 6.676 min  
Delta R.T.: -0.003 min  
Response: 313291816  
Conc: 49.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



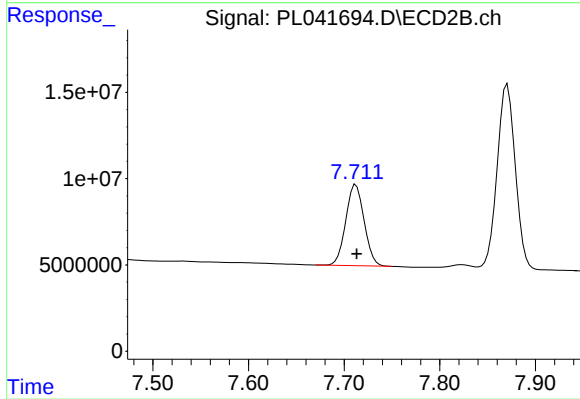
#19 Endosulfan Sulfate

R.T.: 7.396 min  
Delta R.T.: 0.000 min  
Response: 130990746  
Conc: 52.79 ng/ml



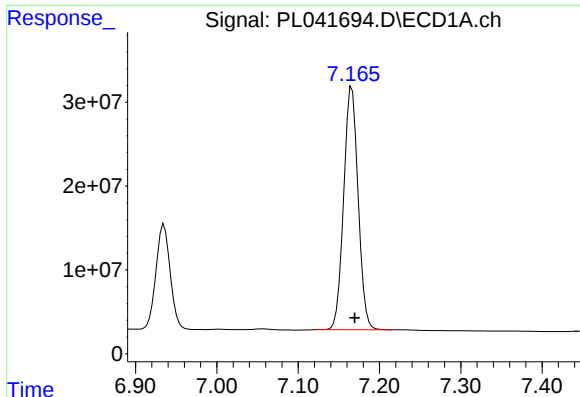
#20 Methoxychlor

R.T.: 6.935 min  
Delta R.T.: -0.003 min  
Response: 152091506  
Conc: 45.25 ng/ml



#20 Methoxychlor

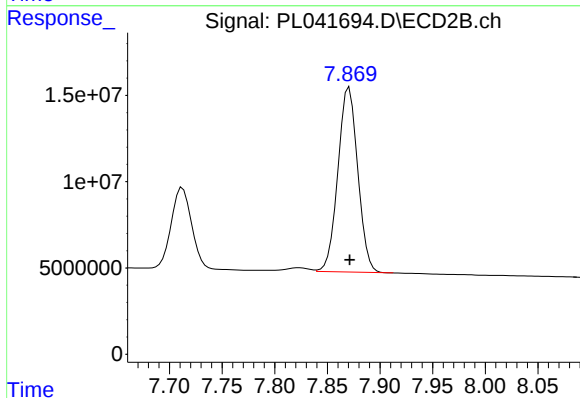
R.T.: 7.712 min  
Delta R.T.: 0.000 min  
Response: 62991238  
Conc: 48.62 ng/ml



#21 Endrin ketone

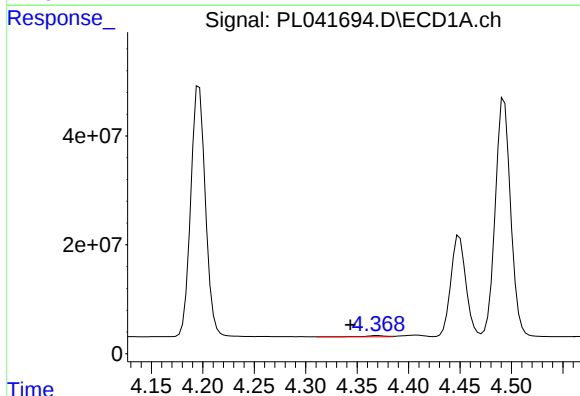
R.T.: 7.166 min  
Delta R.T.: -0.003 min  
Response: 356834023  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



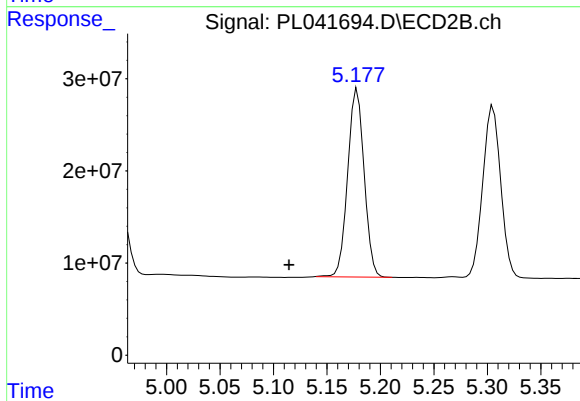
#21 Endrin ketone

R.T.: 7.871 min  
Delta R.T.: 0.000 min  
Response: 140935990  
Conc: 53.55 ng/ml



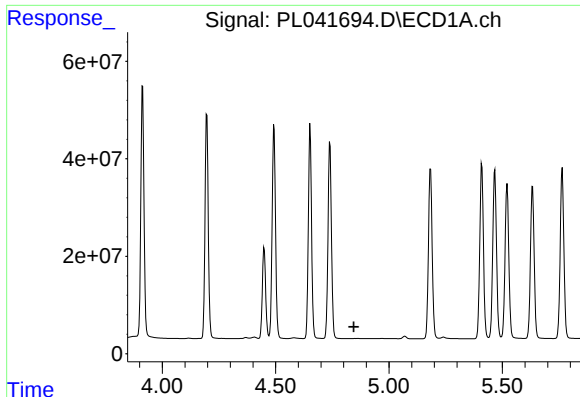
#23 Chlordane-1

R.T.: 4.370 min  
Delta R.T.: 0.026 min  
Response: 2717451  
Conc: 9.58 ng/ml



#23 Chlordane-1

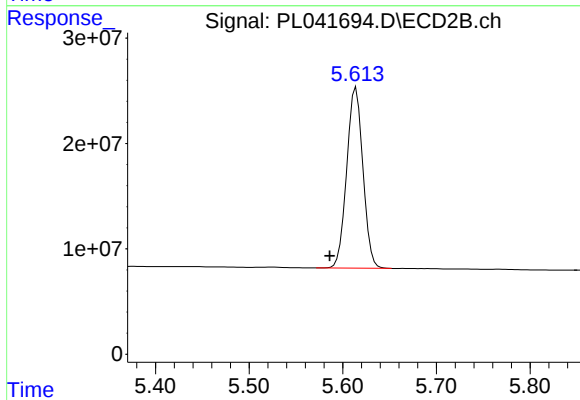
R.T.: 5.178 min  
Delta R.T.: 0.064 min  
Response: 218847011  
Conc: 1575.69 ng/ml



#24 Chlordane-2

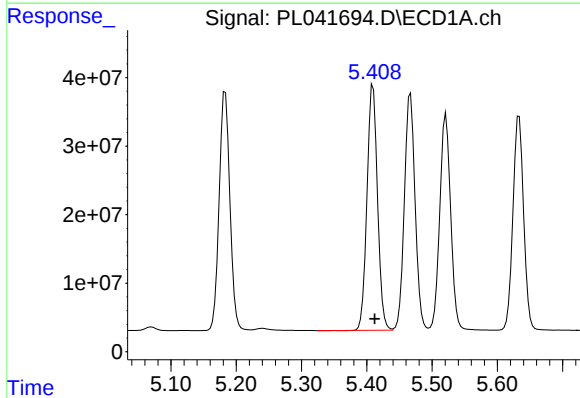
R.T.: 0.000 min  
Exp R.T.: 4.844 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



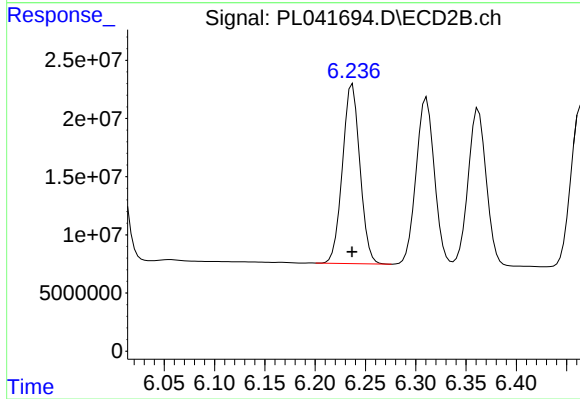
#24 Chlordane-2

R.T.: 5.614 min  
Delta R.T.: 0.028 min  
Response: 206272026  
Conc: 1552.27 ng/ml



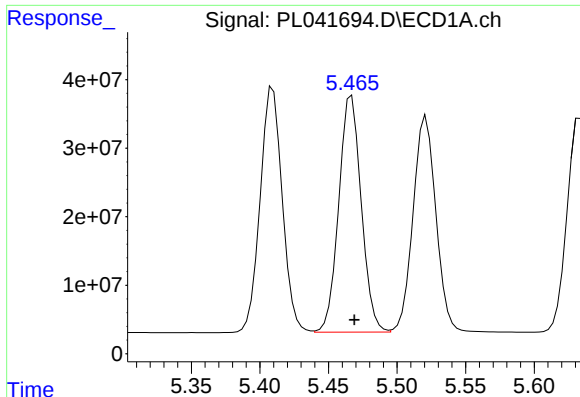
#25 Chlordane-3

R.T.: 5.410 min  
Delta R.T.: -0.002 min  
Response: 400568567  
Conc: 449.43 ng/ml



#25 Chlordane-3

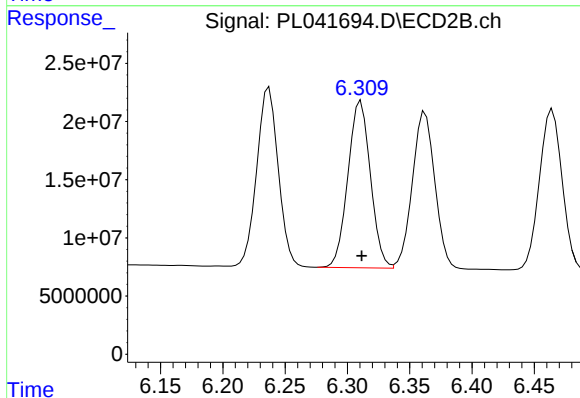
R.T.: 6.237 min  
Delta R.T.: 0.000 min  
Response: 185839102  
Conc: 412.95 ng/ml



#26 Chlordane-4

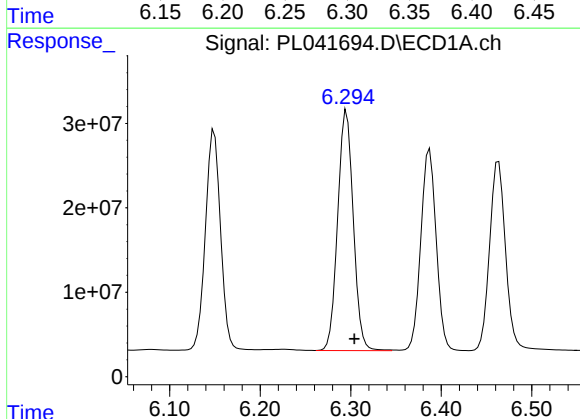
R.T.: 5.467 min  
Delta R.T.: -0.002 min  
Response: 394349563  
Conc: 503.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



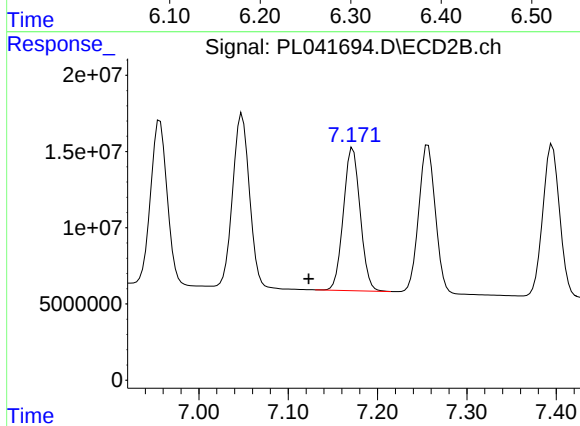
#26 Chlordane-4

R.T.: 6.311 min  
Delta R.T.: 0.000 min  
Response: 181102631  
Conc: 346.40 ng/ml



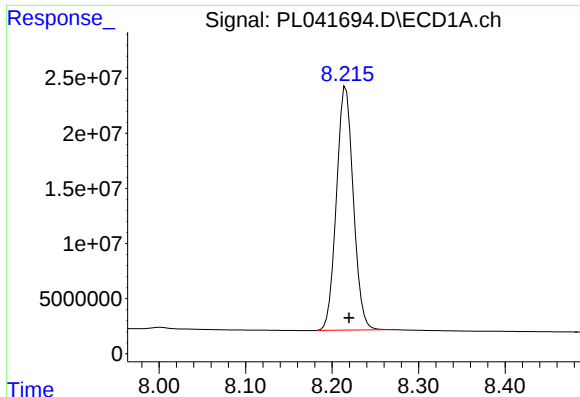
#27 Chlordane-5

R.T.: 6.295 min  
Delta R.T.: -0.009 min  
Response: 340568565  
Conc: 1365.75 ng/ml



#27 Chlordane-5

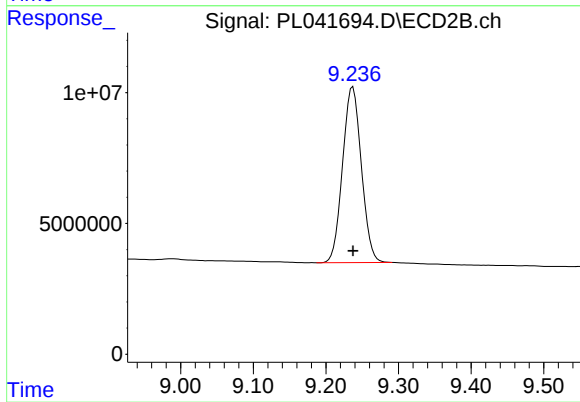
R.T.: 7.172 min  
Delta R.T.: 0.050 min  
Response: 122074402  
Conc: 1249.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.216 min  
Delta R.T.: -0.003 min  
Response: 297901154  
Conc: 44.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.237 min  
Delta R.T.: 0.000 min  
Response: 120846268  
Conc: 47.17 ng/ml