

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082018\  
 Data File : PL039317.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Aug 2018 13:06  
 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: Aug 21 04:17:35 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 15 15:04:22 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... | 3.312 | 3.905 | 303.5E6  | 132.8E6  | 43.419   | 49.524     |
| 2)                          | SA Decachlor... | 7.969 | 8.895 | 310.8E6  | 115.2E6  | 44.253   | 49.651     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.740 | 4.283 | 516.7E6  | 211.1E6  | 43.711   | 50.138     |
| 3)                          | MA gamma-BHC... | 4.016 | 4.562 | 478.8E6  | 187.4E6  | 45.144   | 46.533     |
| 4)                          | MA Heptachlor   | 4.298 | 5.069 | 464.0E6  | 186.4E6  | 44.078   | 52.138     |
| 5)                          | MB Aldrin       | 4.536 | 5.370 | 453.1E6  | 173.9E6  | 45.237   | 49.113     |
| 6)                          | B beta-BHC      | 4.271 | 4.724 | 204.4E6  | 90101584 | 43.991   | 51.441     |
| 7)                          | B delta-BHC     | 4.463 | 4.938 | 489.3E6  | 186.9E6  | 45.079   | 46.953     |
| 8)                          | B Heptachlo...  | 4.972 | 5.750 | 421.1E6  | 162.3E6  | 44.098   | 48.249     |
| 9)                          | A Endosulfan I  | 5.301 | 6.101 | 397.5E6  | 141.6E6  | 45.396   | 48.274     |
| 10)                         | B gamma-Chl...  | 5.193 | 5.981 | 446.4E6  | 160.8E6  | 45.195   | 49.689     |
| 11)                         | B alpha-Chl...  | 5.249 | 6.055 | 426.6E6  | 160.3E6  | 44.406   | 49.539     |
| 12)                         | B 4,4'-DDE      | 5.418 | 6.211 | 424.7E6  | 154.8E6  | 44.348   | 50.065     |
| 13)                         | MA Dieldrin     | 5.539 | 6.354 | 441.6E6  | 150.7E6  | 45.280   | 49.746     |
| 14)                         | MA Endrin       | 5.792 | 6.568 | 401.4E6  | 122.9E6  | 44.840   | 47.791     |
| 15)                         | B Endosulfa...  | 6.067 | 6.772 | 406.3E6  | 127.4E6  | 46.726   | 49.619     |
| 16)                         | A 4,4'-DDD      | 5.928 | 6.692 | 353.3E6  | 113.3E6  | 44.328   | 50.604     |
| 17)                         | MA 4,4'-DDT     | 6.161 | 6.990 | 353.7E6  | 111.6E6  | 46.658   | 47.410     |
| 18)                         | B Endrin al...  | 6.235 | 6.894 | 299.1E6  | 107.1E6  | 44.133   | 49.309     |
| 19)                         | B Endosulfa...  | 6.446 | 7.117 | 379.8E6  | 117.0E6  | 46.680   | 48.804     |
| 20)                         | A Methoxychlor  | 6.709 | 7.446 | 183.1E6  | 59303927 | 44.750   | 47.882     |
| 21)                         | B Endrin ke...  | 6.926 | 7.579 | 396.4E6  | 119.0E6  | 46.058   | 48.159     |
| 23)                         | Chlordane-1     | 4.084 | 4.938 | 13836010 | 186.9E6  | 43.704   | 1496.357 # |
| 24)                         | Chlordane-2     | 0.000 | 5.370 | 0        | 173.9E6  | N.D.     | 1372.637 # |
| 25)                         | Chlordane-3     | 5.193 | 5.981 | 446.4E6  | 160.8E6  | 408.676  | 373.671    |
| 26)                         | Chlordane-4     | 5.249 | 6.055 | 426.6E6  | 160.3E6  | 426.899  | 308.956 #  |
| 27)                         | Chlordane-5     | 6.067 | 6.894 | 406.3E6  | 107.1E6  | 1252.712 | 1157.421   |
| -----                       |                 |       |       |          |          |          |            |

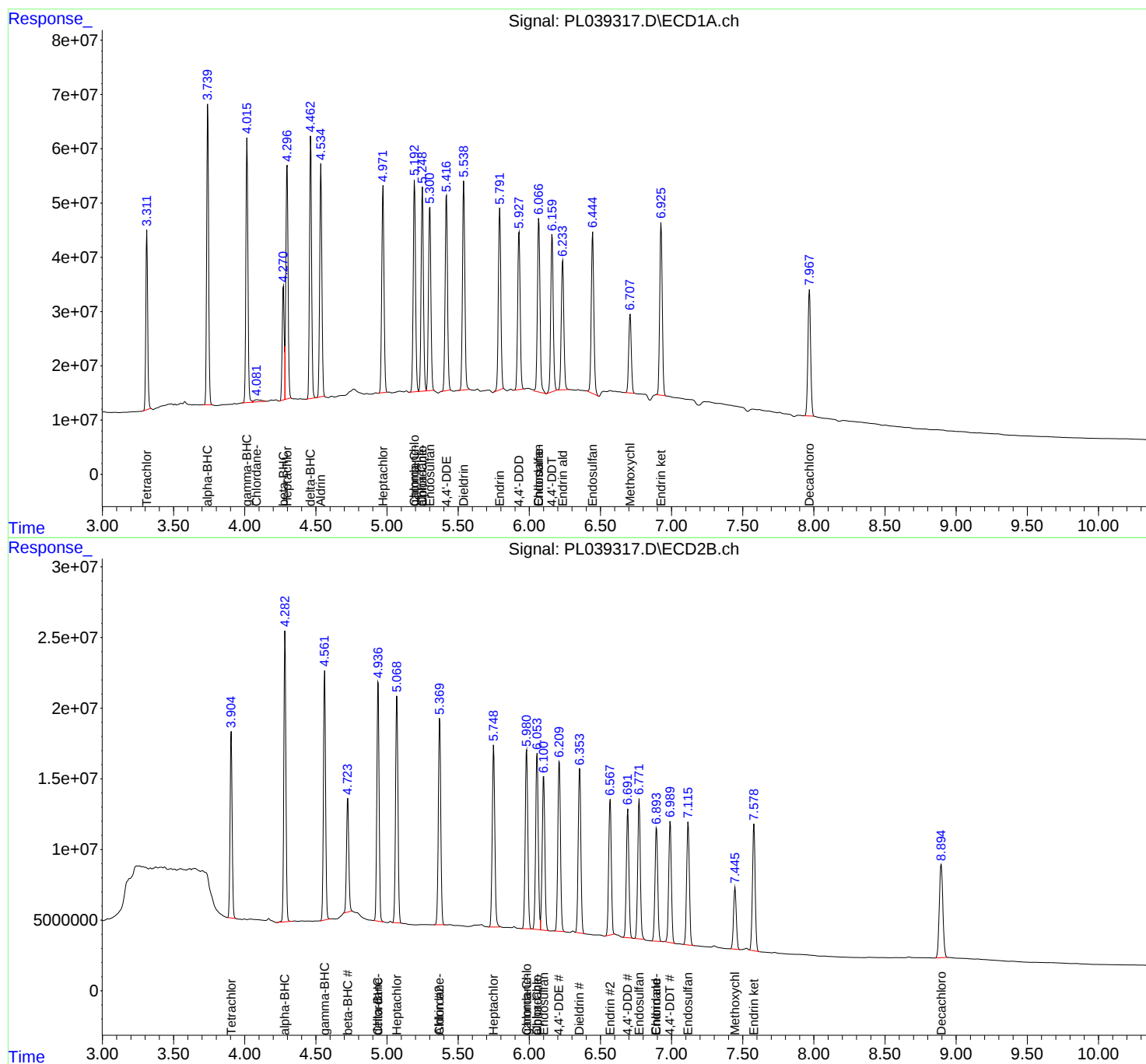
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

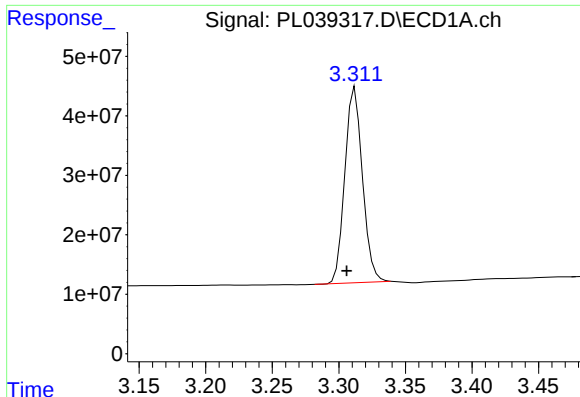
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082018\  
Data File : PL039317.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Aug 2018 13:06  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 21 04:17:35 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 15 15:04:22 2018  
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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

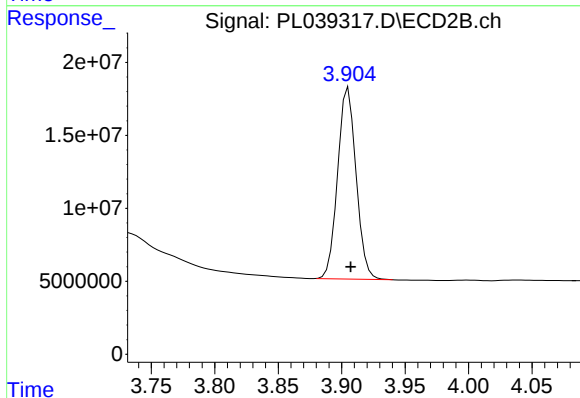




#1 Tetrachloro-m-xylene

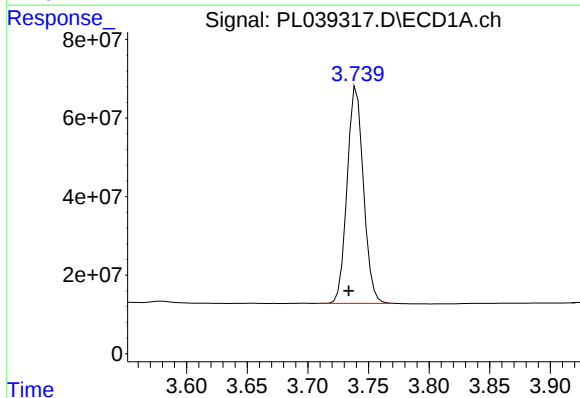
R.T.: 3.312 min  
Delta R.T.: 0.006 min  
Response: 303520248  
Conc: 43.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



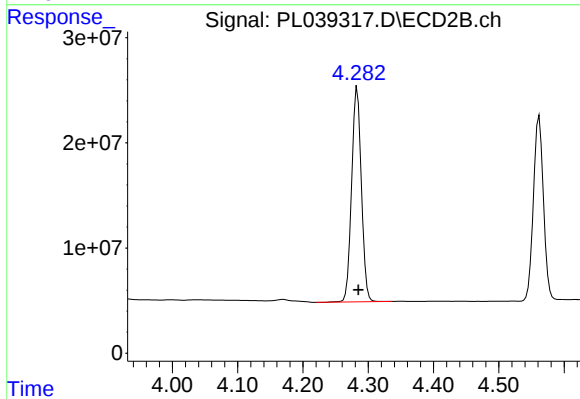
#1 Tetrachloro-m-xylene

R.T.: 3.905 min  
Delta R.T.: -0.002 min  
Response: 132769858  
Conc: 49.52 ng/ml



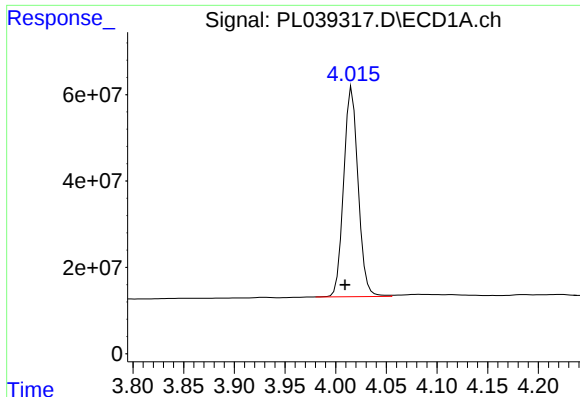
#2 alpha-BHC

R.T.: 3.740 min  
Delta R.T.: 0.007 min  
Response: 516681559  
Conc: 43.71 ng/ml



#2 alpha-BHC

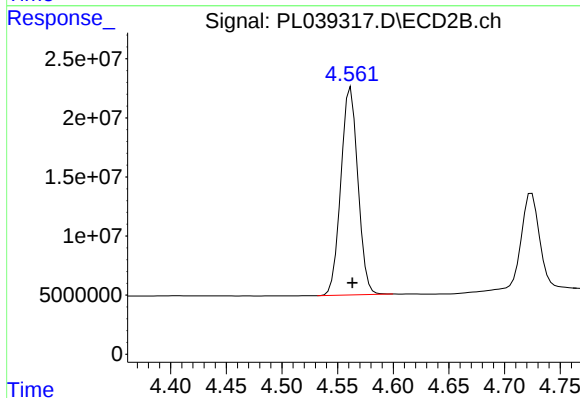
R.T.: 4.283 min  
Delta R.T.: -0.002 min  
Response: 211133297  
Conc: 50.14 ng/ml



#3 gamma-BHC (Lindane)

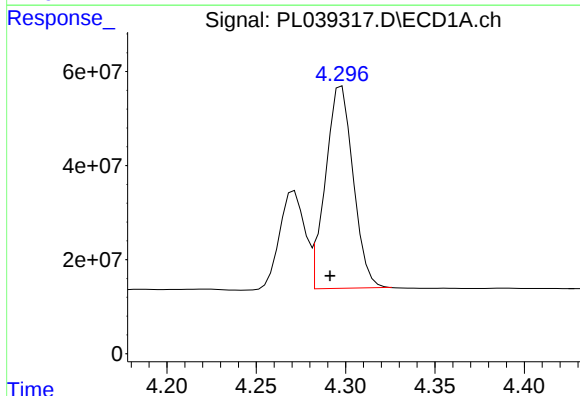
R.T.: 4.016 min  
Delta R.T.: 0.007 min  
Response: 478829296  
Conc: 45.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



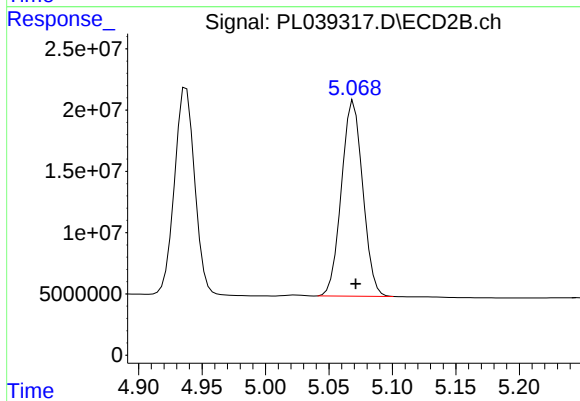
#3 gamma-BHC (Lindane)

R.T.: 4.562 min  
Delta R.T.: -0.002 min  
Response: 187366130  
Conc: 46.53 ng/ml



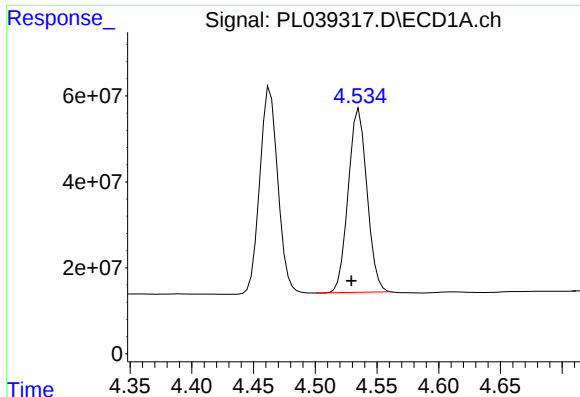
#4 Heptachlor

R.T.: 4.298 min  
Delta R.T.: 0.006 min  
Response: 464008153  
Conc: 44.08 ng/ml



#4 Heptachlor

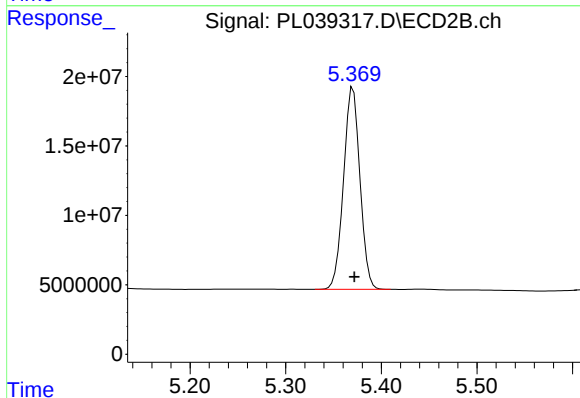
R.T.: 5.069 min  
Delta R.T.: -0.002 min  
Response: 186438591  
Conc: 52.14 ng/ml



#5 Aldrin

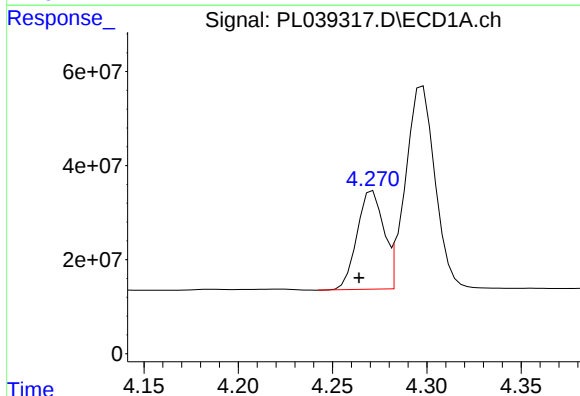
R.T.: 4.536 min  
Delta R.T.: 0.006 min  
Response: 453082169  
Conc: 45.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



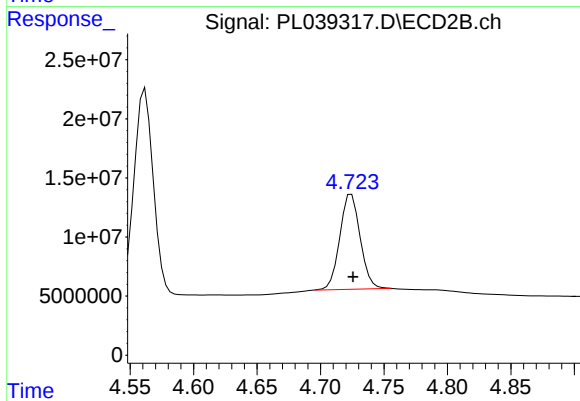
#5 Aldrin

R.T.: 5.370 min  
Delta R.T.: -0.002 min  
Response: 173864953  
Conc: 49.11 ng/ml



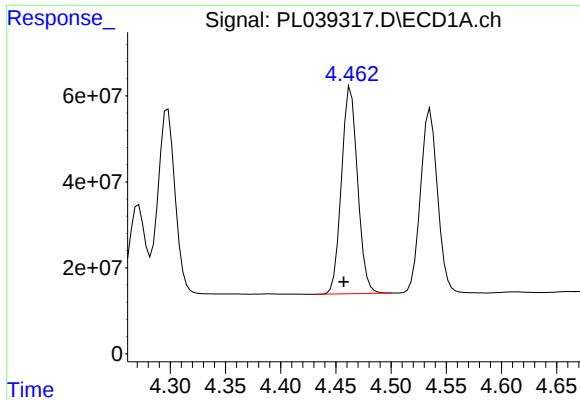
#6 beta-BHC

R.T.: 4.271 min  
Delta R.T.: 0.007 min  
Response: 204360068  
Conc: 43.99 ng/ml



#6 beta-BHC

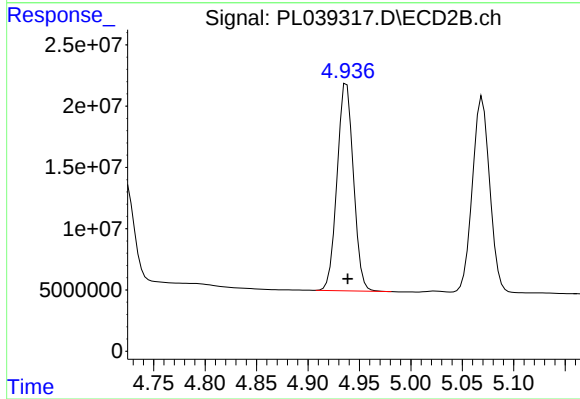
R.T.: 4.724 min  
Delta R.T.: -0.001 min  
Response: 90101584  
Conc: 51.44 ng/ml



#7 delta-BHC

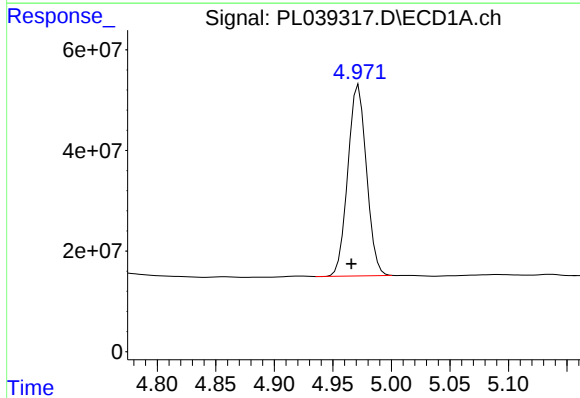
R.T.: 4.463 min  
Delta R.T.: 0.006 min  
Response: 489301784  
Conc: 45.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



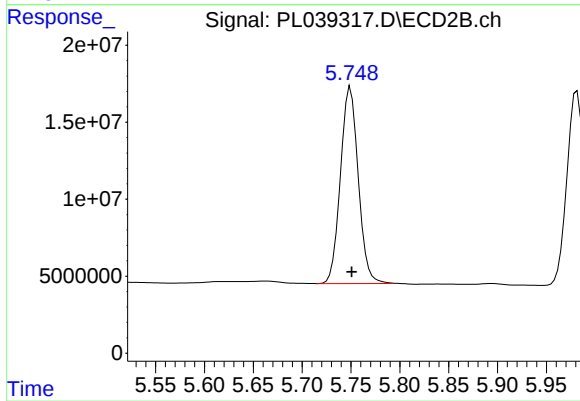
#7 delta-BHC

R.T.: 4.938 min  
Delta R.T.: -0.001 min  
Response: 186946972  
Conc: 46.95 ng/ml



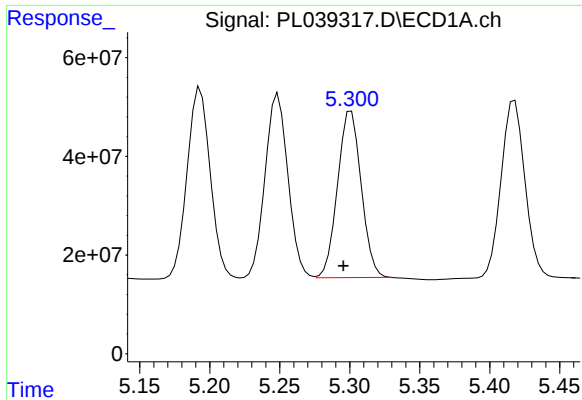
#8 Heptachlor epoxide

R.T.: 4.972 min  
Delta R.T.: 0.006 min  
Response: 421106739  
Conc: 44.10 ng/ml



#8 Heptachlor epoxide

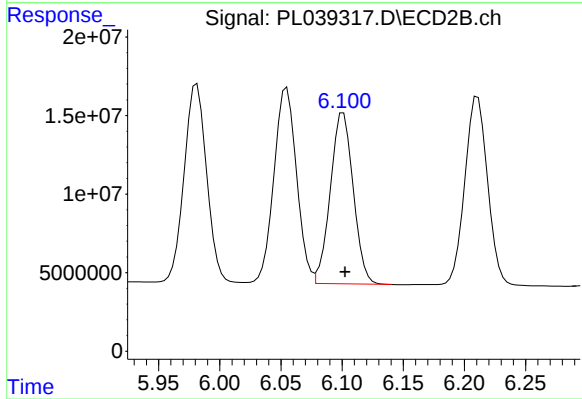
R.T.: 5.750 min  
Delta R.T.: -0.001 min  
Response: 162265385  
Conc: 48.25 ng/ml



#9 Endosulfan I

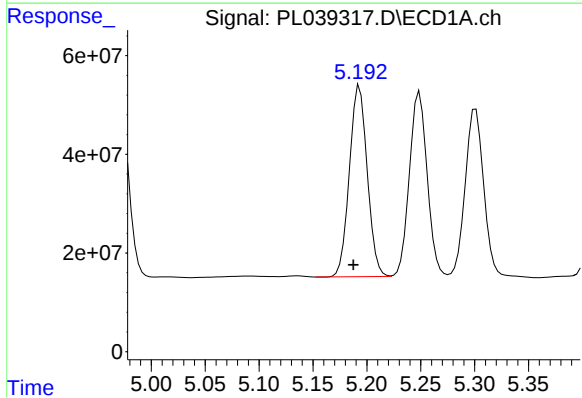
R.T.: 5.301 min  
Delta R.T.: 0.006 min  
Response: 397492839  
Conc: 45.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



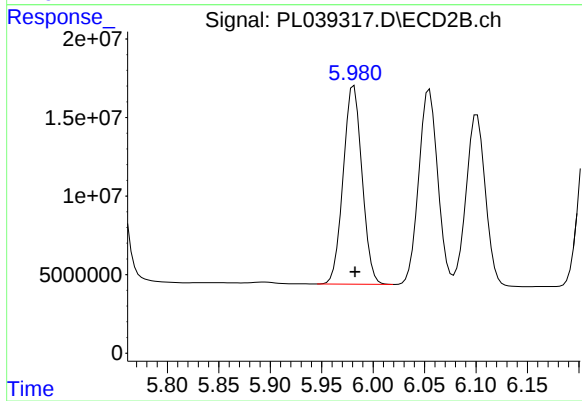
#9 Endosulfan I

R.T.: 6.101 min  
Delta R.T.: -0.001 min  
Response: 141612755  
Conc: 48.27 ng/ml



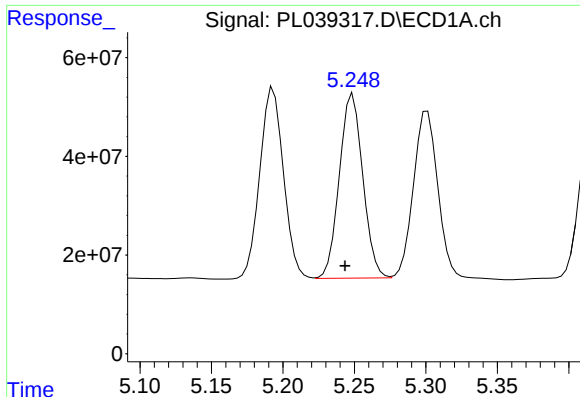
#10 gamma-Chlordane

R.T.: 5.193 min  
Delta R.T.: 0.006 min  
Response: 446382275  
Conc: 45.20 ng/ml



#10 gamma-Chlordane

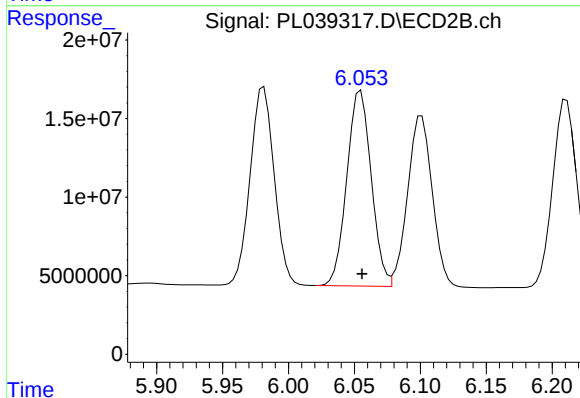
R.T.: 5.981 min  
Delta R.T.: -0.001 min  
Response: 160816047  
Conc: 49.69 ng/ml



#11 alpha-Chlordane

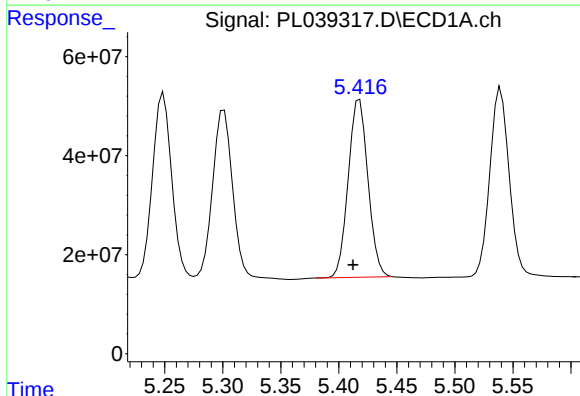
R.T.: 5.249 min  
Delta R.T.: 0.005 min  
Response: 426621309  
Conc: 44.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



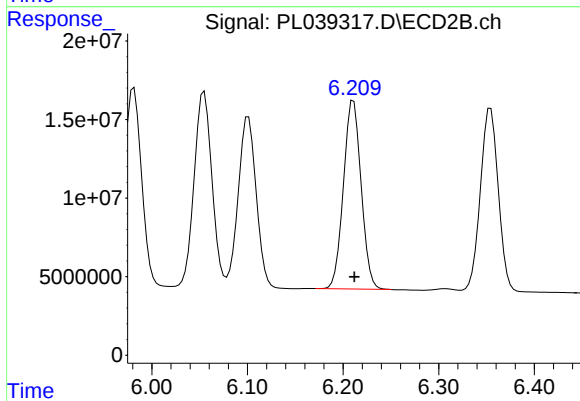
#11 alpha-Chlordane

R.T.: 6.055 min  
Delta R.T.: -0.001 min  
Response: 160261256  
Conc: 49.54 ng/ml



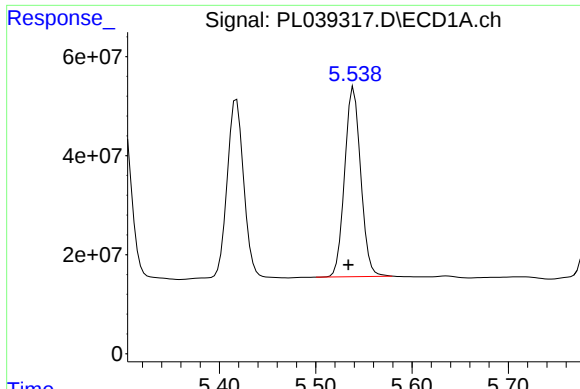
#12 4,4'-DDE

R.T.: 5.418 min  
Delta R.T.: 0.006 min  
Response: 424676568  
Conc: 44.35 ng/ml



#12 4,4'-DDE

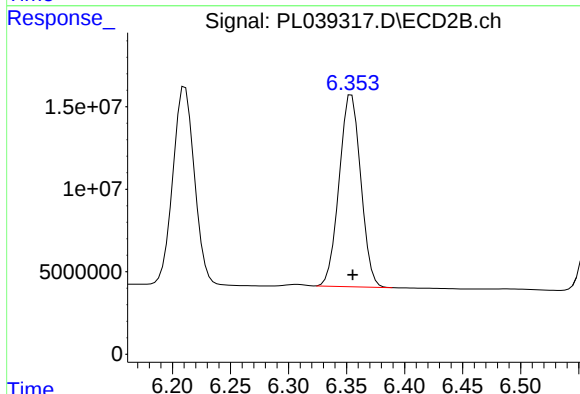
R.T.: 6.211 min  
Delta R.T.: -0.001 min  
Response: 154801917  
Conc: 50.07 ng/ml



#13 Dieldrin

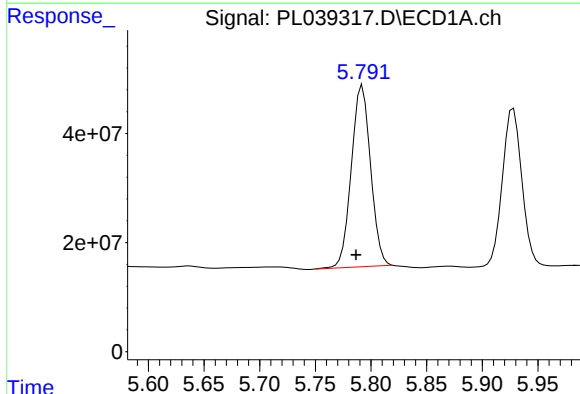
R.T.: 5.539 min  
Delta R.T.: 0.006 min  
Response: 441560481  
Conc: 45.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



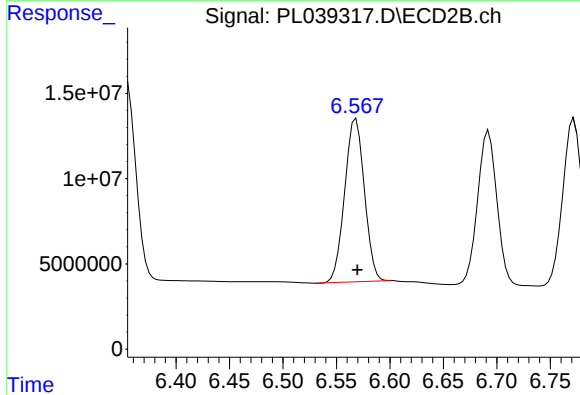
#13 Dieldrin

R.T.: 6.354 min  
Delta R.T.: 0.000 min  
Response: 150696739  
Conc: 49.75 ng/ml



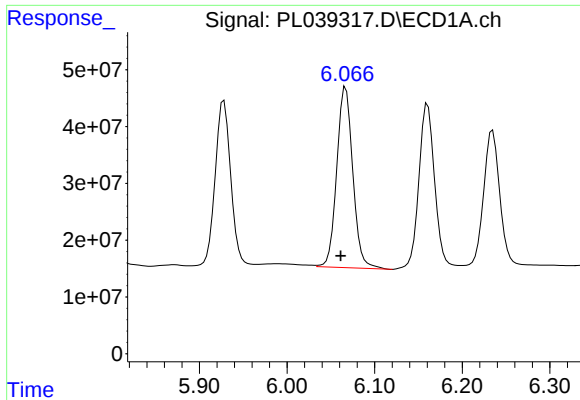
#14 Endrin

R.T.: 5.792 min  
Delta R.T.: 0.006 min  
Response: 401364507  
Conc: 44.84 ng/ml



#14 Endrin

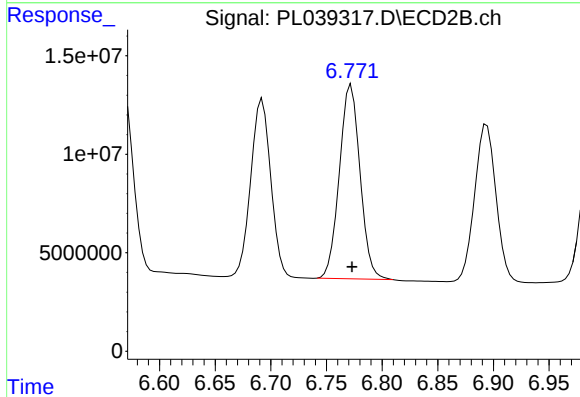
R.T.: 6.568 min  
Delta R.T.: -0.001 min  
Response: 122882229  
Conc: 47.79 ng/ml



#15 Endosulfan II

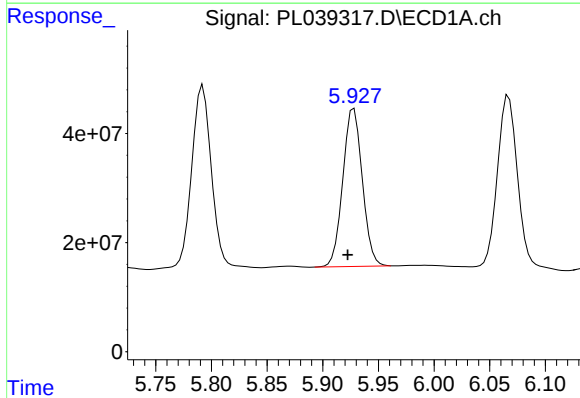
R.T.: 6.067 min  
Delta R.T.: 0.006 min  
Response: 406291788  
Conc: 46.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



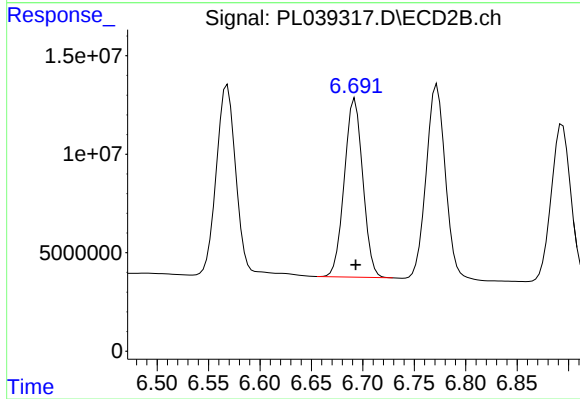
#15 Endosulfan II

R.T.: 6.772 min  
Delta R.T.: 0.000 min  
Response: 127448976  
Conc: 49.62 ng/ml



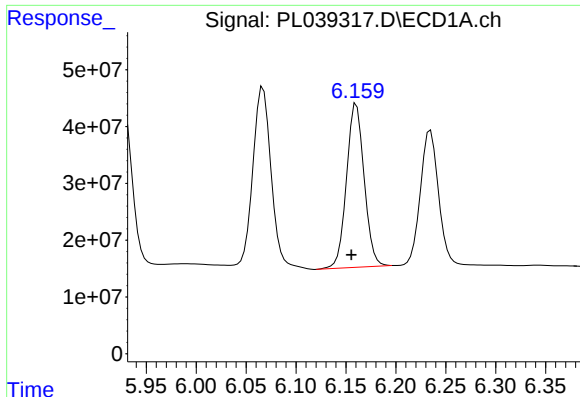
#16 4,4'-DDD

R.T.: 5.928 min  
Delta R.T.: 0.006 min  
Response: 353261630  
Conc: 44.33 ng/ml



#16 4,4'-DDD

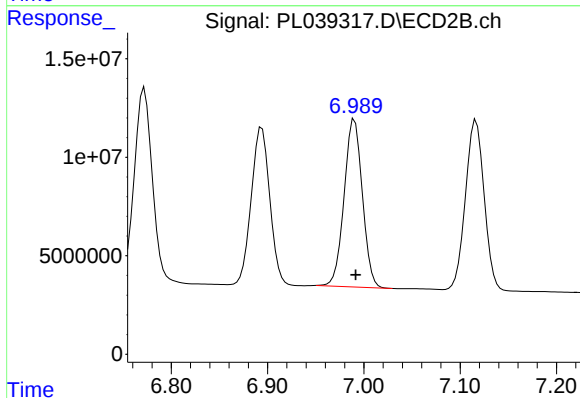
R.T.: 6.692 min  
Delta R.T.: 0.000 min  
Response: 113323526  
Conc: 50.60 ng/ml



#17 4,4'-DDT

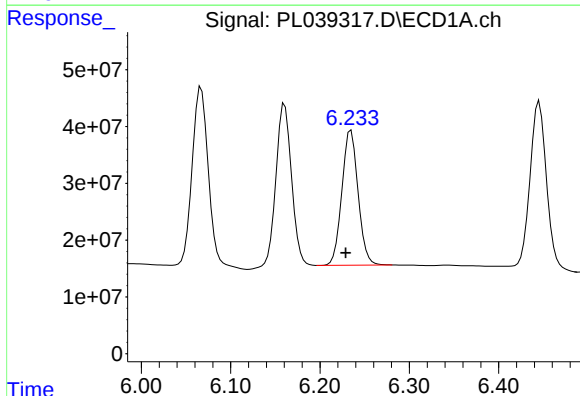
R.T.: 6.161 min  
Delta R.T.: 0.005 min  
Response: 353694806  
Conc: 46.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



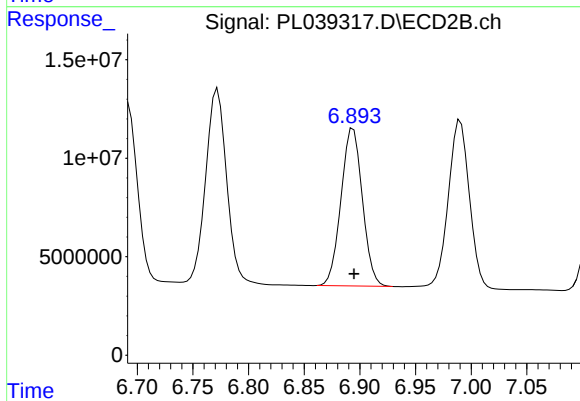
#17 4,4'-DDT

R.T.: 6.990 min  
Delta R.T.: -0.001 min  
Response: 111600427  
Conc: 47.41 ng/ml



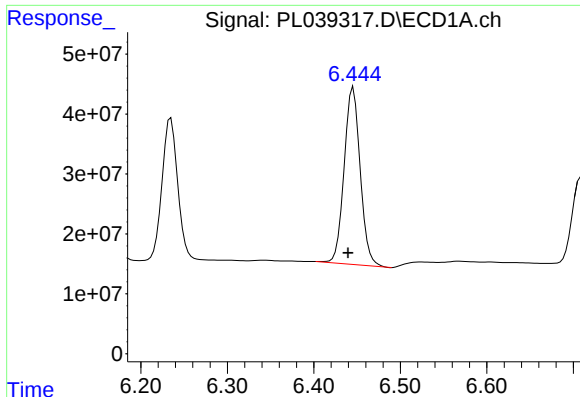
#18 Endrin aldehyde

R.T.: 6.235 min  
Delta R.T.: 0.006 min  
Response: 299081668  
Conc: 44.13 ng/ml



#18 Endrin aldehyde

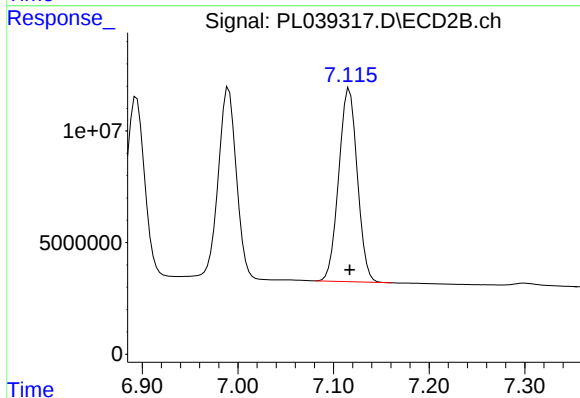
R.T.: 6.894 min  
Delta R.T.: 0.000 min  
Response: 107065807  
Conc: 49.31 ng/ml



#19 Endosulfan Sulfate

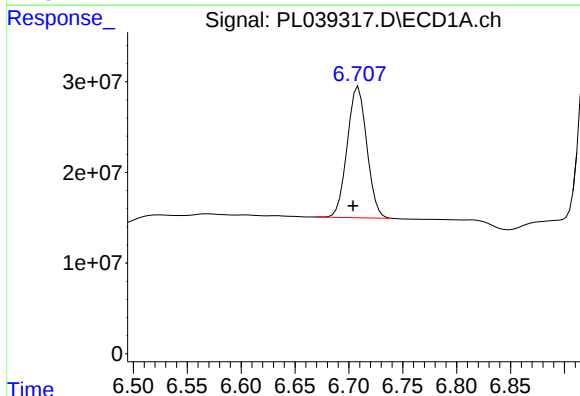
R.T.: 6.446 min  
Delta R.T.: 0.006 min  
Response: 379822552  
Conc: 46.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



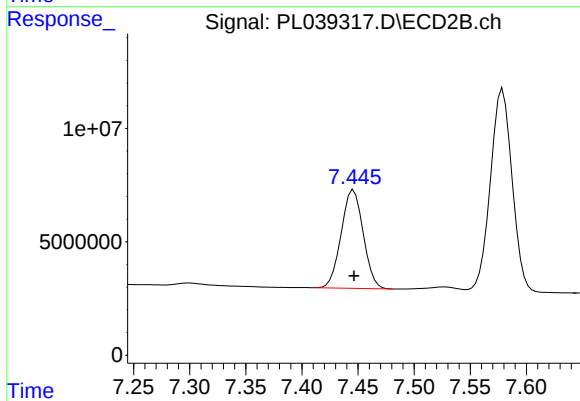
#19 Endosulfan Sulfate

R.T.: 7.117 min  
Delta R.T.: 0.000 min  
Response: 116999324  
Conc: 48.80 ng/ml



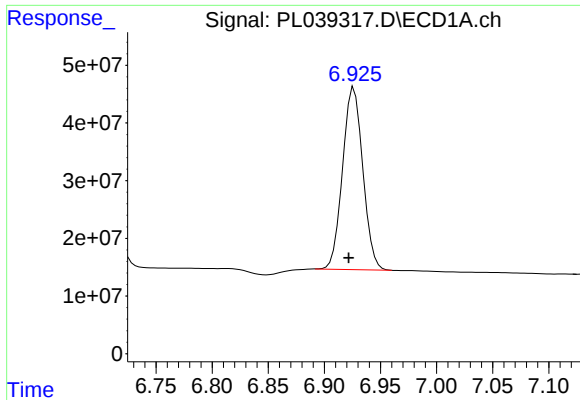
#20 Methoxychlor

R.T.: 6.709 min  
Delta R.T.: 0.005 min  
Response: 183128851  
Conc: 44.75 ng/ml



#20 Methoxychlor

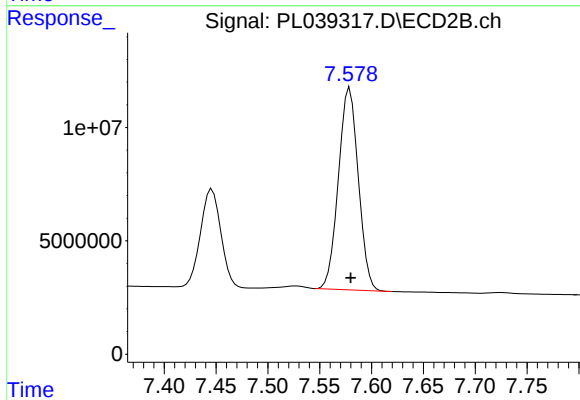
R.T.: 7.446 min  
Delta R.T.: 0.000 min  
Response: 59303927  
Conc: 47.88 ng/ml



#21 Endrin ketone

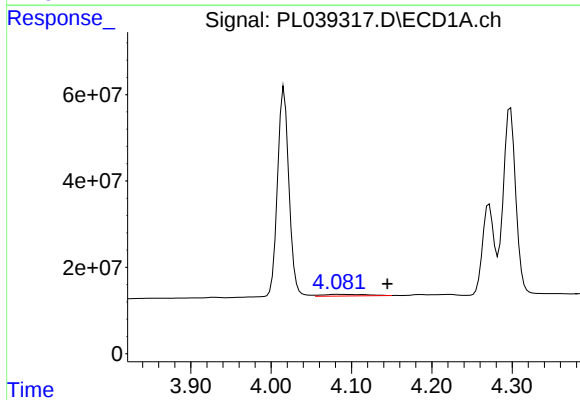
R.T.: 6.926 min  
Delta R.T.: 0.005 min  
Response: 396419223  
Conc: 46.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



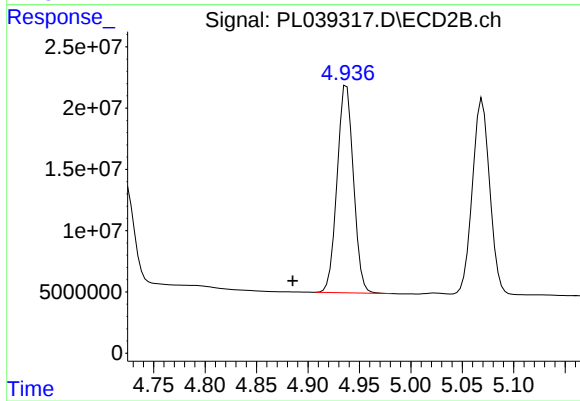
#21 Endrin ketone

R.T.: 7.579 min  
Delta R.T.: 0.000 min  
Response: 118998947  
Conc: 48.16 ng/ml



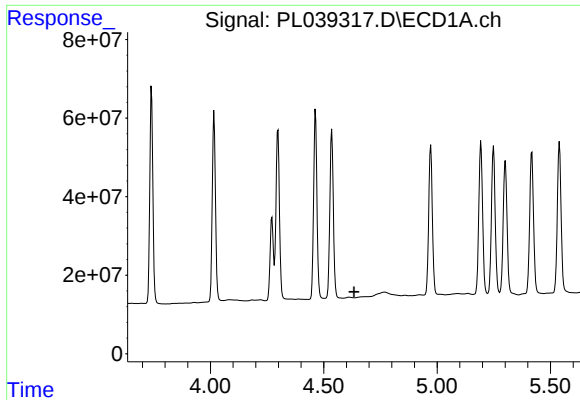
#23 Chlordane-1

R.T.: 4.084 min  
Delta R.T.: -0.061 min  
Response: 13836010  
Conc: 43.70 ng/ml



#23 Chlordane-1

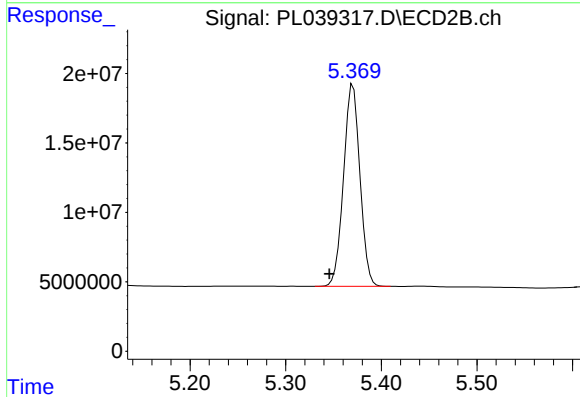
R.T.: 4.938 min  
Delta R.T.: 0.052 min  
Response: 186946972  
Conc: 1496.36 ng/ml



#24 Chlordane-2

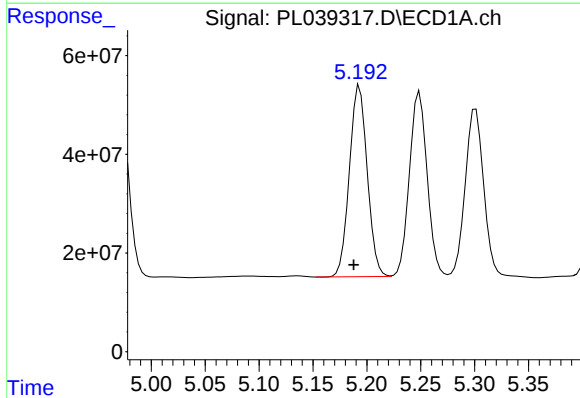
R.T.: 0.000 min  
Exp R.T.: 4.635 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



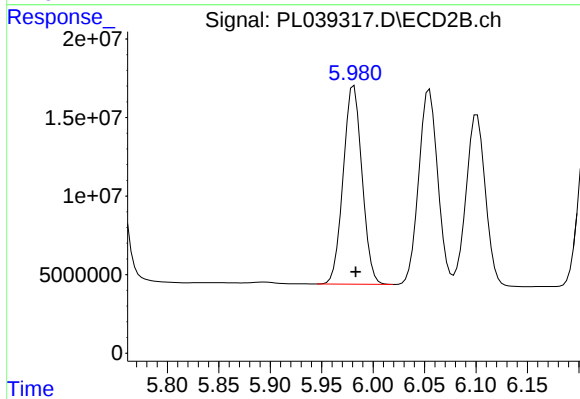
#24 Chlordane-2

R.T.: 5.370 min  
Delta R.T.: 0.025 min  
Response: 173864953  
Conc: 1372.64 ng/ml



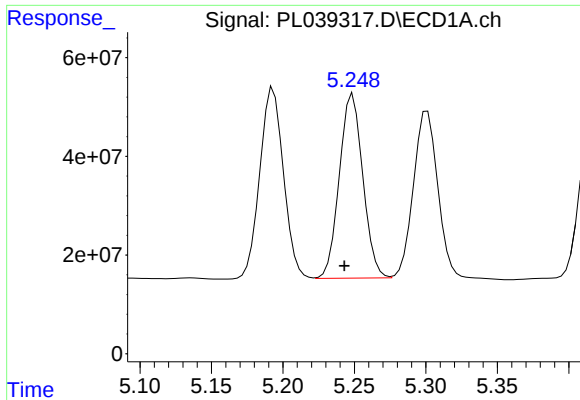
#25 Chlordane-3

R.T.: 5.193 min  
Delta R.T.: 0.005 min  
Response: 446382275  
Conc: 408.68 ng/ml



#25 Chlordane-3

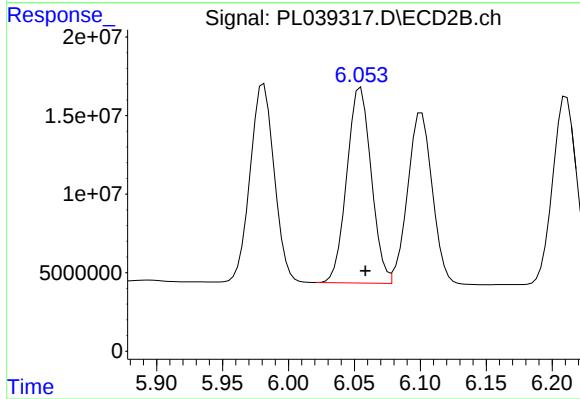
R.T.: 5.981 min  
Delta R.T.: -0.002 min  
Response: 160816047  
Conc: 373.67 ng/ml



#26 Chlordane-4

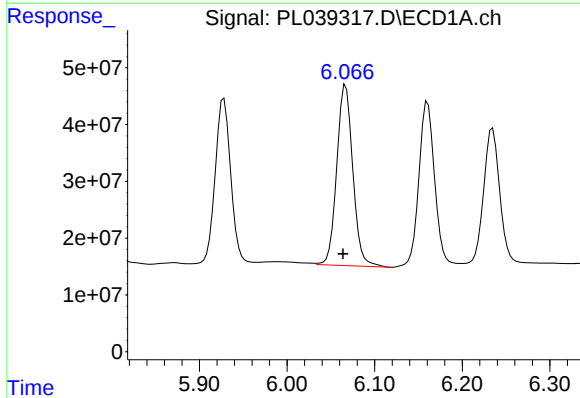
R.T.: 5.249 min  
Delta R.T.: 0.006 min  
Response: 426621309  
Conc: 426.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



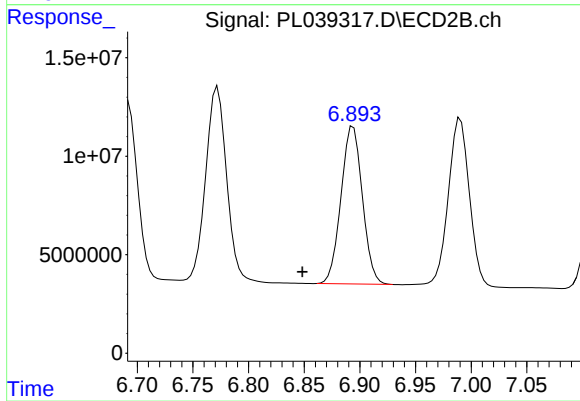
#26 Chlordane-4

R.T.: 6.055 min  
Delta R.T.: -0.003 min  
Response: 160261256  
Conc: 308.96 ng/ml



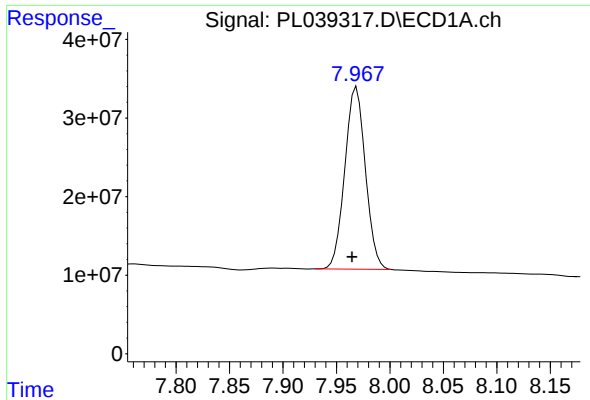
#27 Chlordane-5

R.T.: 6.067 min  
Delta R.T.: 0.003 min  
Response: 406291788  
Conc: 1252.71 ng/ml



#27 Chlordane-5

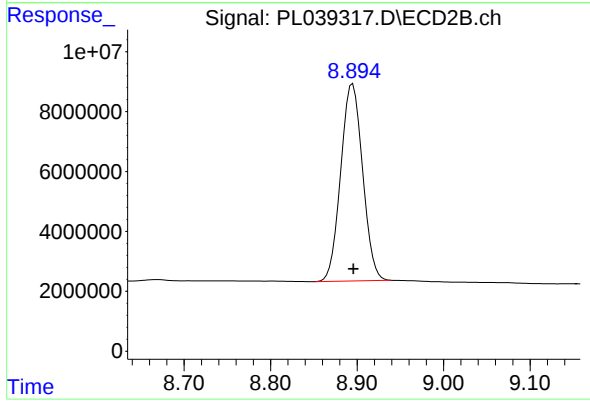
R.T.: 6.894 min  
Delta R.T.: 0.046 min  
Response: 107065807  
Conc: 1157.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.969 min  
Delta R.T.: 0.004 min  
Response: 310809918  
Conc: 44.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.895 min  
Delta R.T.: 0.000 min  
Response: 115220163  
Conc: 49.65 ng/ml