

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101818\  
 Data File : PL041109.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Oct 2018 15:31  
 Operator : AJ\SJ  
 Sample : PB113922BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 19 00:51:30 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... | 3.476 | 4.103 | 115.1E6 | 60264745 | 21.008   | 21.614     |
| 28)                         | SA Decachlor... | 8.222 | 9.231 | 113.0E6 | 49490411 | 21.736   | 19.139     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.917 | 4.498 | 449.3E6 | 202.0E6  | 56.709   | 52.207     |
| 3)                          | MA gamma-BHC... | 4.201 | 4.787 | 414.2E6 | 188.3E6  | 56.719   | 52.874     |
| 4)                          | MA Heptachlor   | 4.498 | 5.303 | 411.1E6 | 178.0E6  | 55.783   | 52.599     |
| 5)                          | MB Aldrin       | 4.745 | 5.612 | 399.1E6 | 169.3E6  | 58.137   | 56.101     |
| 6)                          | B beta-BHC      | 4.453 | 4.955 | 174.0E6 | 86012071 | 54.840   | 53.667     |
| 7)                          | B delta-BHC     | 4.656 | 5.176 | 293.4E6 | 135.9E6  | 44.026   | 41.415     |
| 8)                          | B Heptachlo...  | 5.188 | 6.000 | 371.1E6 | 151.7E6  | 56.578   | 52.891     |
| 9)                          | A Endosulfan I  | 5.527 | 6.359 | 336.3E6 | 133.9E6  | 56.141   | 52.285     |
| 10)                         | B gamma-Chl...  | 5.415 | 6.234 | 352.2E6 | 147.4E6  | 53.552   | 52.554     |
| 11)                         | B alpha-Chl...  | 5.473 | 6.308 | 361.0E6 | 143.9E6  | 55.482   | 51.855     |
| 12)                         | B 4,4'-DDE      | 5.639 | 6.461 | 332.2E6 | 141.0E6  | 58.452   | 53.296     |
| 13)                         | MA Dieldrin     | 5.769 | 6.618 | 360.9E6 | 138.2E6  | 57.089   | 51.913     |
| 14)                         | MA Endrin       | 6.026 | 6.837 | 285.3E6 | 103.0E6  | 49.676   | 46.125     |
| 15)                         | B Endosulfa...  | 6.301 | 7.044 | 298.9E6 | 118.7E6  | 53.323   | 49.986     |
| 16)                         | A 4,4'-DDD      | 6.155 | 6.953 | 271.9E6 | 111.7E6  | 60.205   | 53.305     |
| 17)                         | MA 4,4'-DDT     | 6.394 | 7.253 | 215.4E6 | 90562997 | 47.295   | 43.538     |
| 18)                         | B Endrin al...  | 6.470 | 7.169 | 214.7E6 | 101.3E6  | 51.197   | 51.063     |
| 19)                         | B Endosulfa...  | 6.682 | 7.392 | 284.8E6 | 112.2E6  | 55.972   | 50.196     |
| 20)                         | A Methoxychlor  | 6.942 | 7.709 | 112.4E6 | 49970115 | 43.211   | 42.450     |
| 21)                         | B Endrin ke...  | 7.172 | 7.867 | 326.4E6 | 125.4E6  | 62.346   | 53.325     |
| 23)                         | Chlordane-1     | 4.405 | 5.176 | 1469701 | 135.9E6  | 5.759    | 1100.645 # |
| 24)                         | Chlordane-2     | 0.000 | 5.612 | 0       | 169.3E6  | N.D.     | 1369.117 # |
| 25)                         | Chlordane-3     | 5.415 | 6.234 | 352.2E6 | 147.4E6  | 460.137  | 365.623    |
| 26)                         | Chlordane-4     | 5.473 | 6.308 | 361.0E6 | 143.9E6  | 538.365  | 303.236 #  |
| 27)                         | Chlordane-5     | 6.301 | 7.169 | 298.9E6 | 101.3E6  | 1379.112 | 1145.061   |
| -----                       |                 |       |       |         |          |          |            |

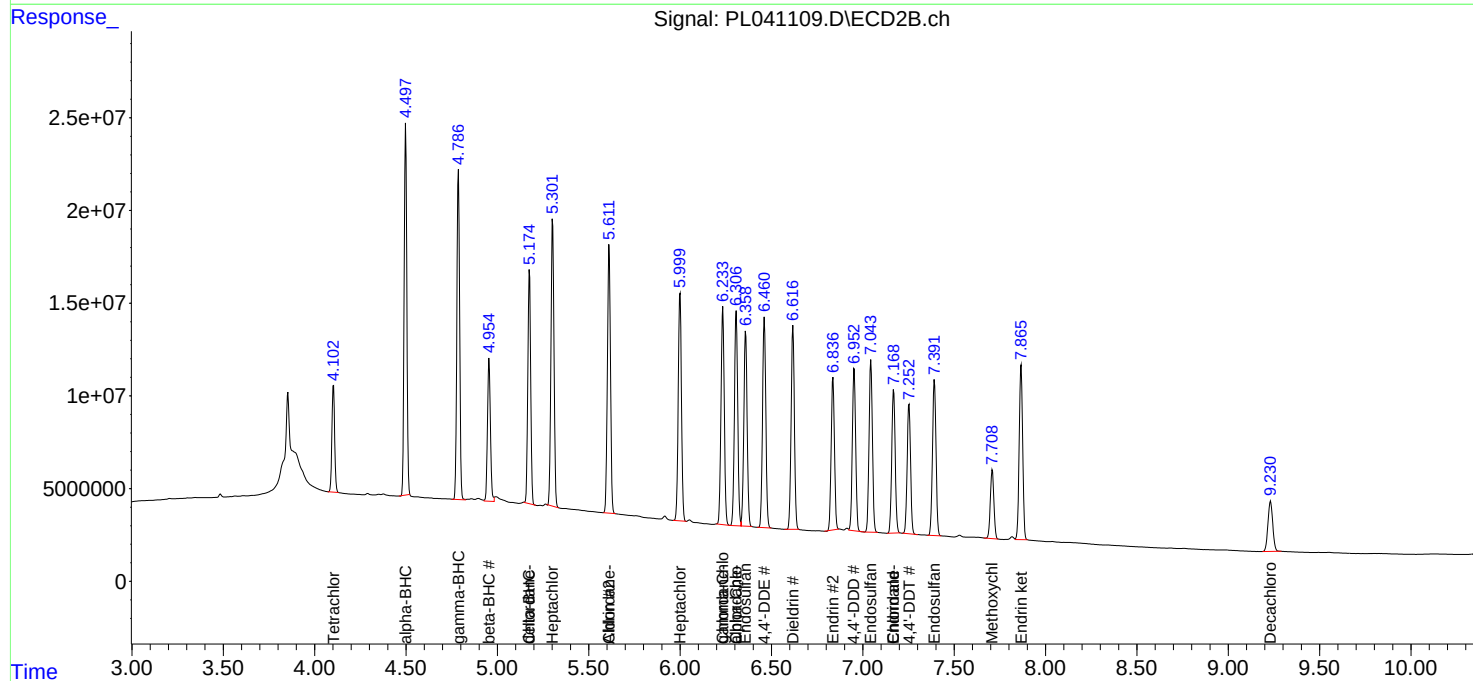
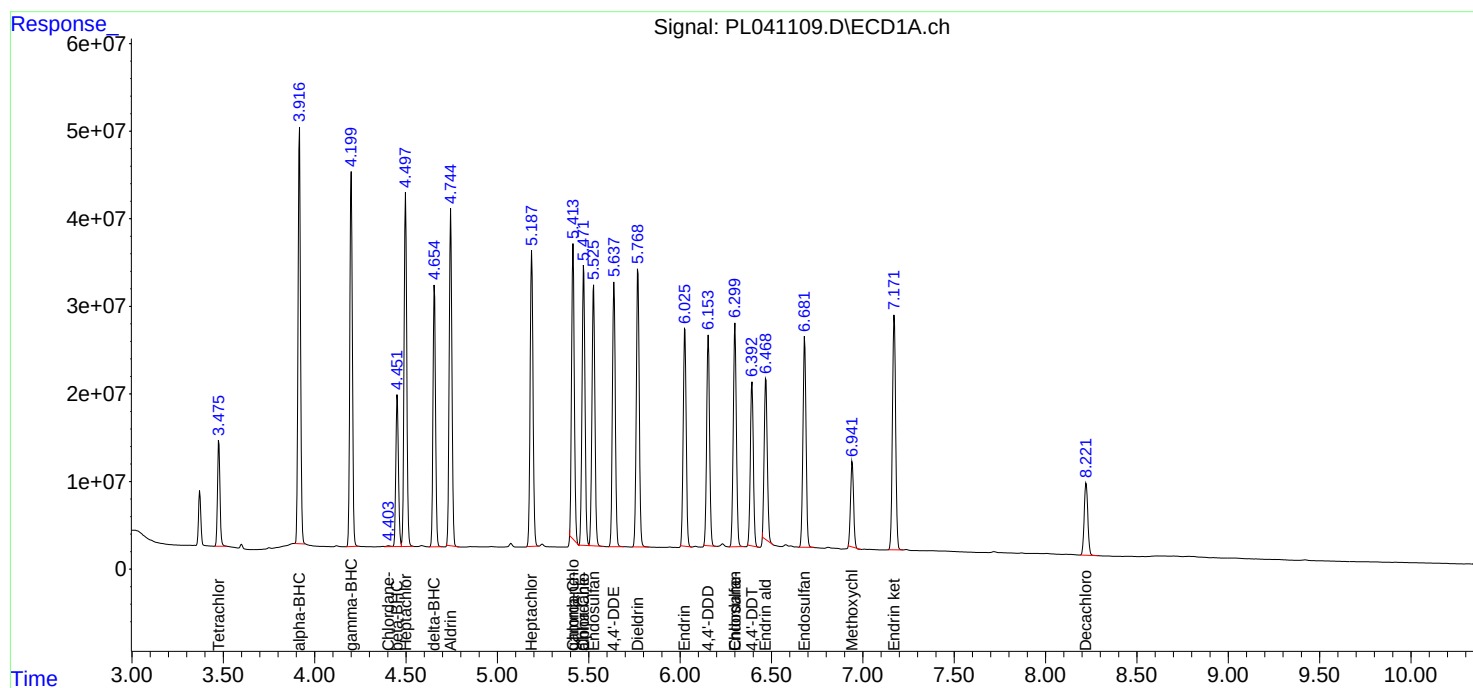
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

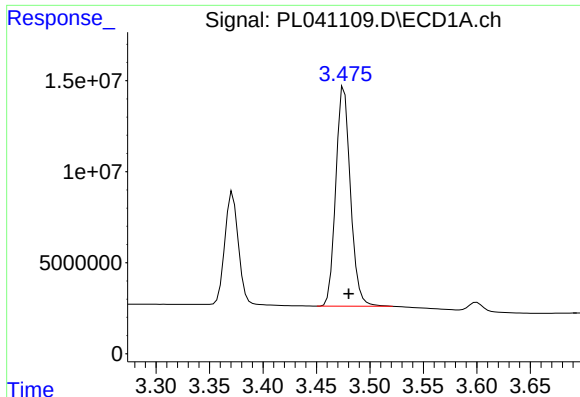
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101818\  
Data File : PL041109.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Oct 2018 15:31  
Operator : AJ\SJ  
Sample : PB113922BS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 19 00:51:30 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

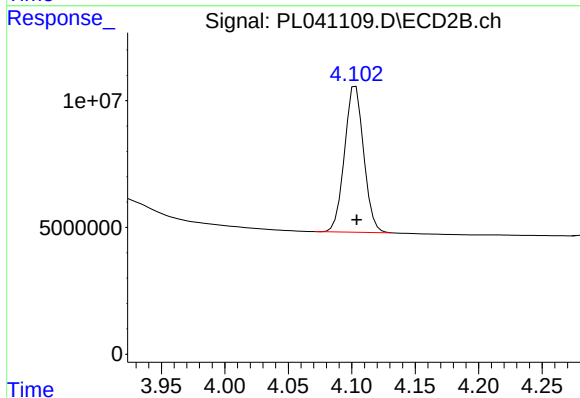




#1 Tetrachloro-m-xylene

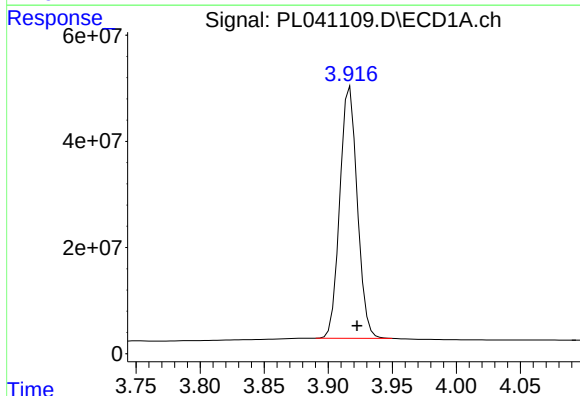
R.T.: 3.476 min  
Delta R.T.: -0.004 min  
Response: 115137009  
Conc: 21.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



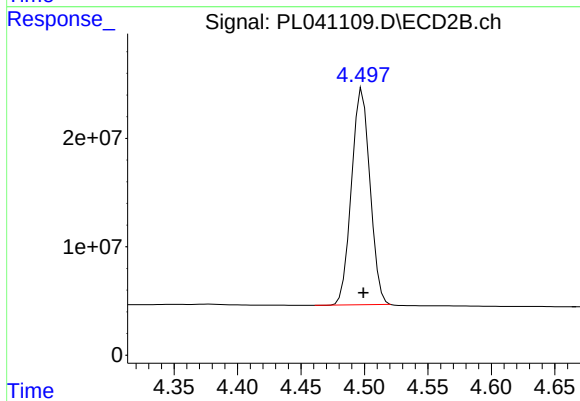
#1 Tetrachloro-m-xylene

R.T.: 4.103 min  
Delta R.T.: 0.000 min  
Response: 60264745  
Conc: 21.61 ng/ml



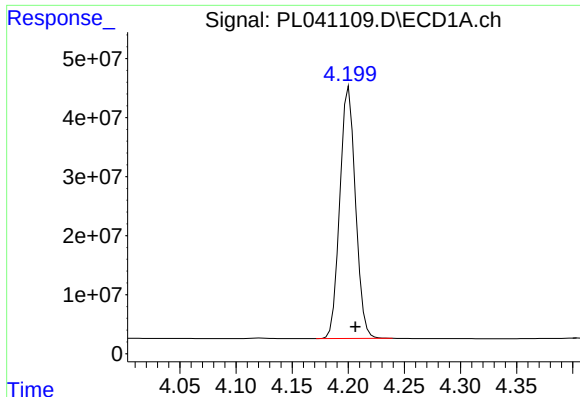
#2 alpha-BHC

R.T.: 3.917 min  
Delta R.T.: -0.005 min  
Response: 449336209  
Conc: 56.71 ng/ml



#2 alpha-BHC

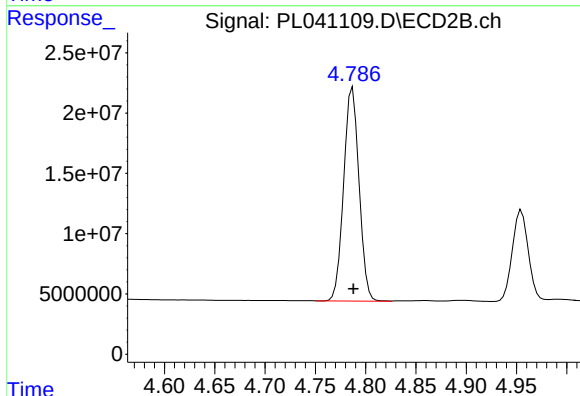
R.T.: 4.498 min  
Delta R.T.: 0.000 min  
Response: 202001769  
Conc: 52.21 ng/ml



#3 gamma-BHC (Lindane)

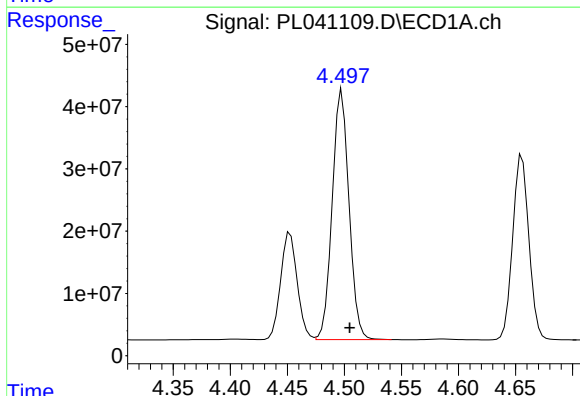
R.T.: 4.201 min  
Delta R.T.: -0.006 min  
Response: 414157593  
Conc: 56.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



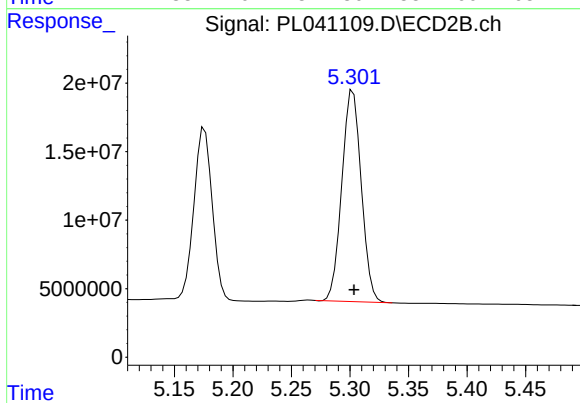
#3 gamma-BHC (Lindane)

R.T.: 4.787 min  
Delta R.T.: 0.000 min  
Response: 188273760  
Conc: 52.87 ng/ml



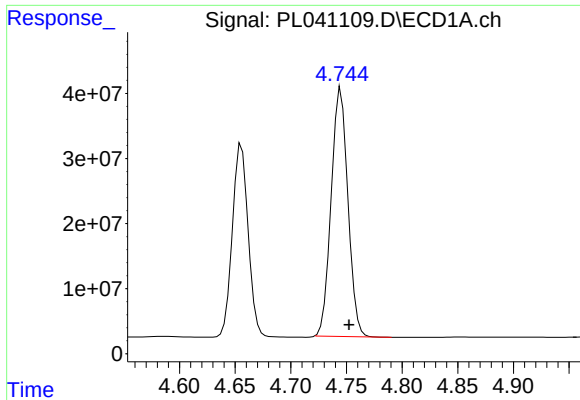
#4 Heptachlor

R.T.: 4.498 min  
Delta R.T.: -0.007 min  
Response: 411063832  
Conc: 55.78 ng/ml



#4 Heptachlor

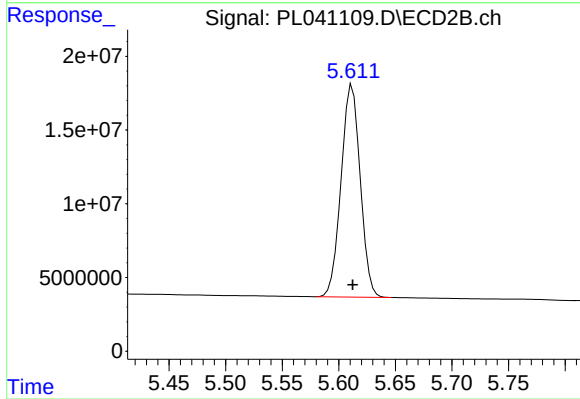
R.T.: 5.303 min  
Delta R.T.: -0.001 min  
Response: 178027853  
Conc: 52.60 ng/ml



#5 Aldrin

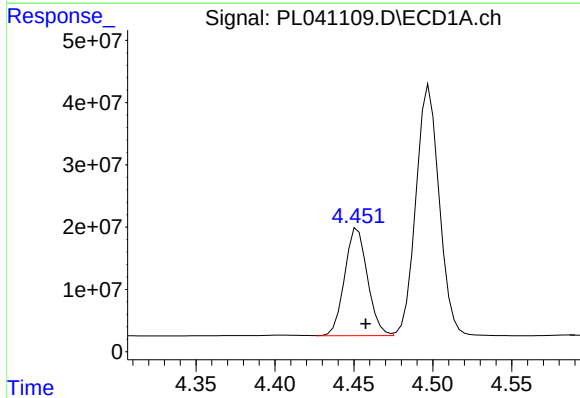
R.T.: 4.745 min  
Delta R.T.: -0.007 min  
Response: 399072258  
Conc: 58.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



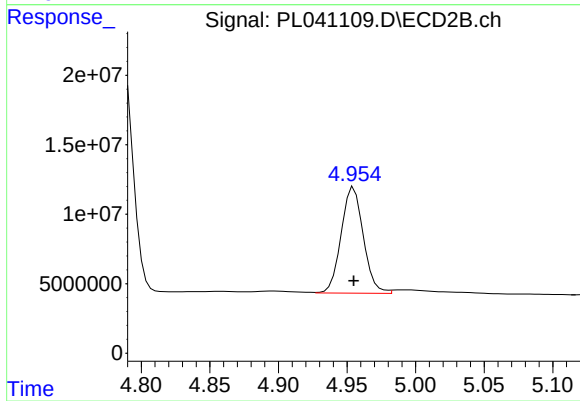
#5 Aldrin

R.T.: 5.612 min  
Delta R.T.: 0.000 min  
Response: 169319085  
Conc: 56.10 ng/ml



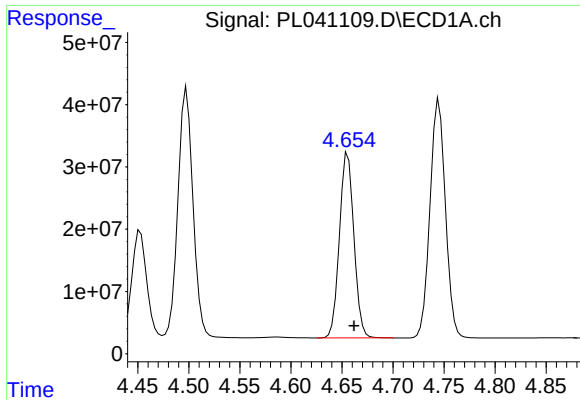
#6 beta-BHC

R.T.: 4.453 min  
Delta R.T.: -0.005 min  
Response: 174009116  
Conc: 54.84 ng/ml



#6 beta-BHC

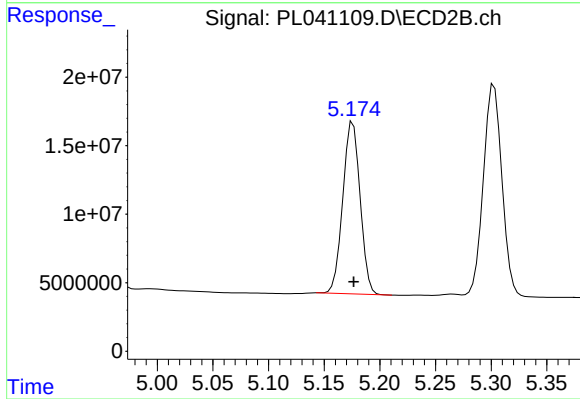
R.T.: 4.955 min  
Delta R.T.: 0.000 min  
Response: 86012071  
Conc: 53.67 ng/ml



#7 delta-BHC

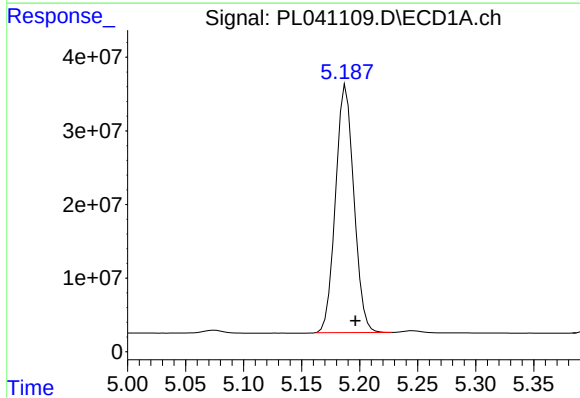
R.T.: 4.656 min  
Delta R.T.: -0.006 min  
Response: 293385167  
Conc: 44.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



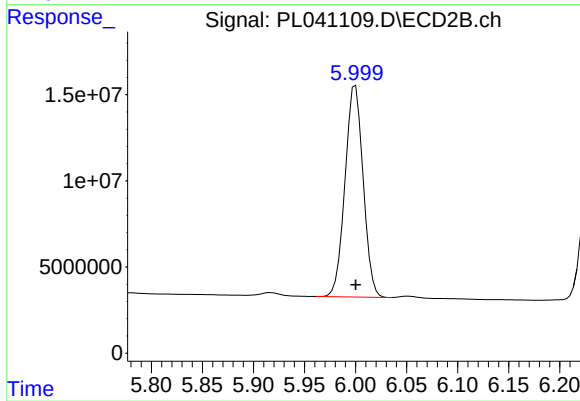
#7 delta-BHC

R.T.: 5.176 min  
Delta R.T.: 0.000 min  
Response: 135945400  
Conc: 41.42 ng/ml



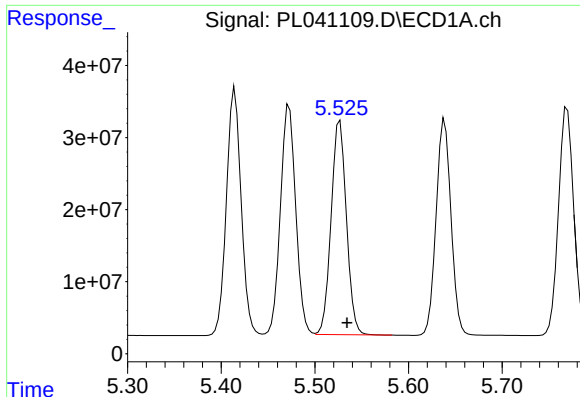
#8 Heptachlor epoxide

R.T.: 5.188 min  
Delta R.T.: -0.008 min  
Response: 371076797  
Conc: 56.58 ng/ml



#8 Heptachlor epoxide

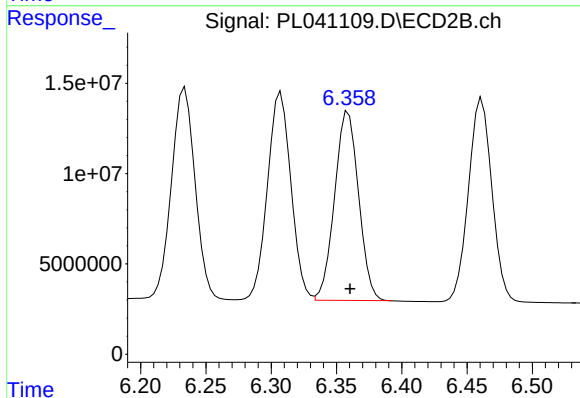
R.T.: 6.000 min  
Delta R.T.: 0.000 min  
Response: 151698480  
Conc: 52.89 ng/ml



#9 Endosulfan I

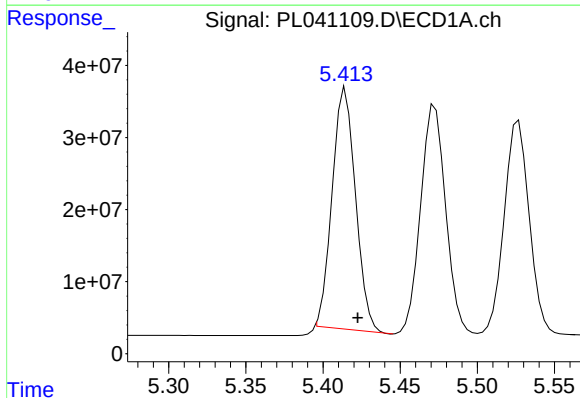
R.T.: 5.527 min  
Delta R.T.: -0.008 min  
Response: 336339955  
Conc: 56.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



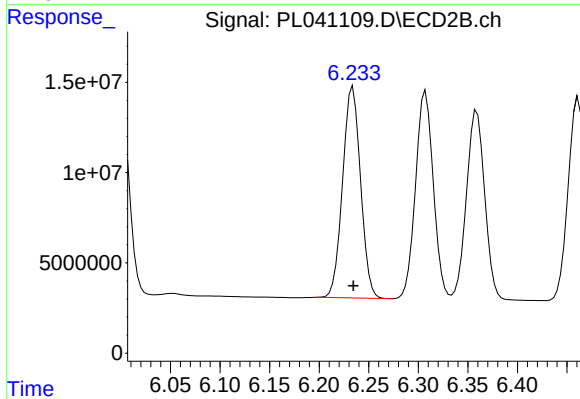
#9 Endosulfan I

R.T.: 6.359 min  
Delta R.T.: -0.001 min  
Response: 133913147  
Conc: 52.28 ng/ml



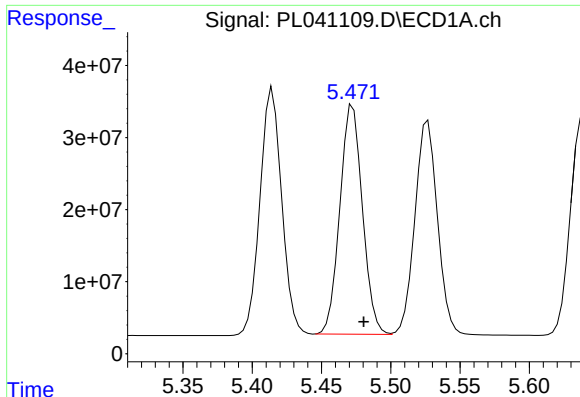
#10 gamma-Chlordane

R.T.: 5.415 min  
Delta R.T.: -0.008 min  
Response: 352172530  
Conc: 53.55 ng/ml



#10 gamma-Chlordane

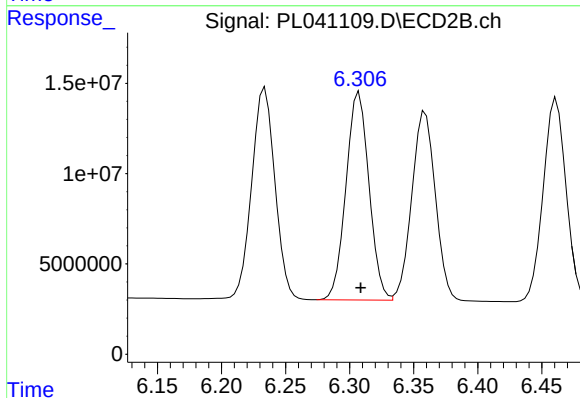
R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 147394101  
Conc: 52.55 ng/ml



#11 alpha-Chlordane

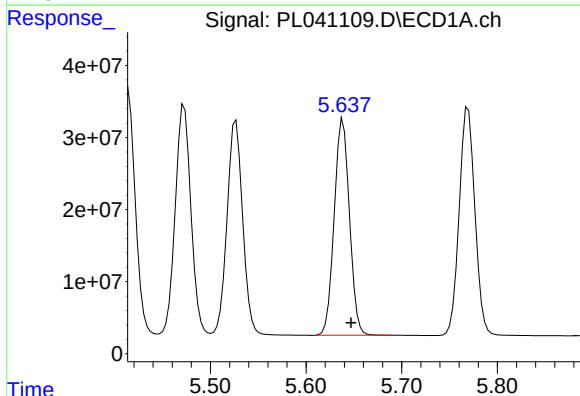
R.T.: 5.473 min  
Delta R.T.: -0.008 min  
Response: 360963526  
Conc: 55.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



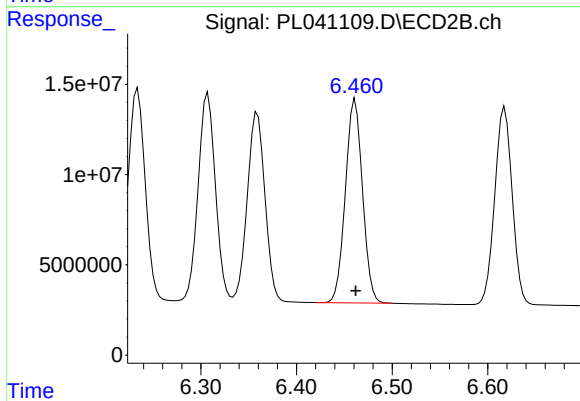
#11 alpha-Chlordane

R.T.: 6.308 min  
Delta R.T.: -0.001 min  
Response: 143928572  
Conc: 51.86 ng/ml



#12 4,4'-DDE

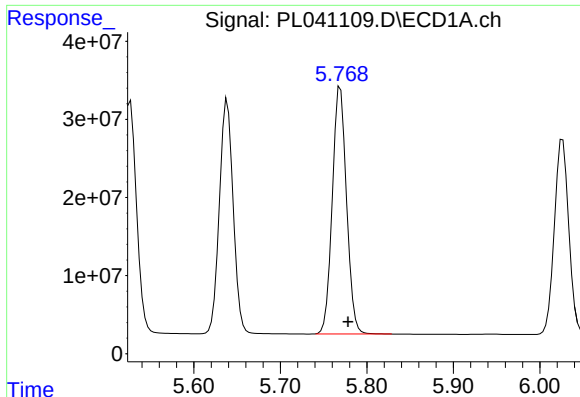
R.T.: 5.639 min  
Delta R.T.: -0.009 min  
Response: 332231251  
Conc: 58.45 ng/ml



#12 4,4'-DDE

R.T.: 6.461 min  
Delta R.T.: 0.000 min  
Response: 140984567  
Conc: 53.30 ng/ml

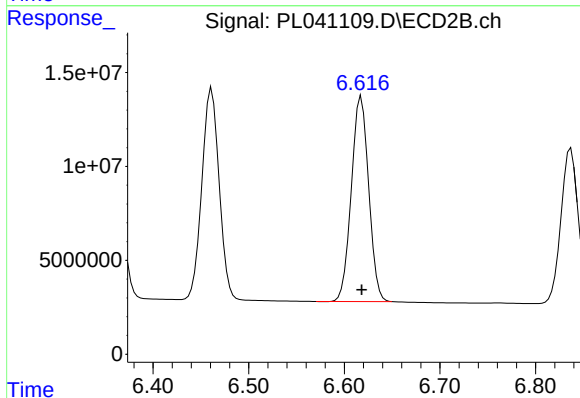




#13 Dieldrin

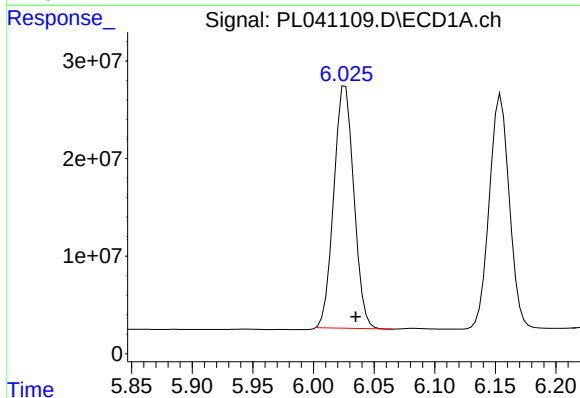
R.T.: 5.769 min  
Delta R.T.: -0.009 min  
Response: 360939008  
Conc: 57.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



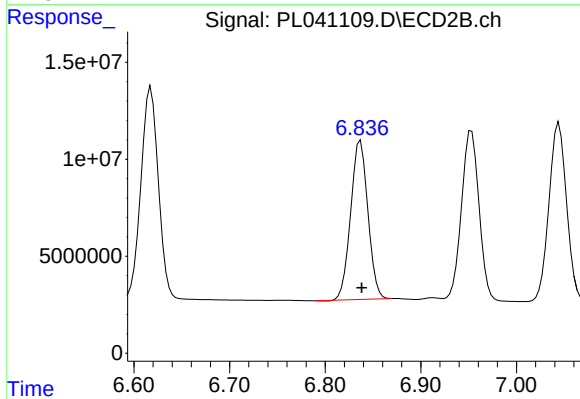
#13 Dieldrin

R.T.: 6.618 min  
Delta R.T.: 0.000 min  
Response: 138215195  
Conc: 51.91 ng/ml



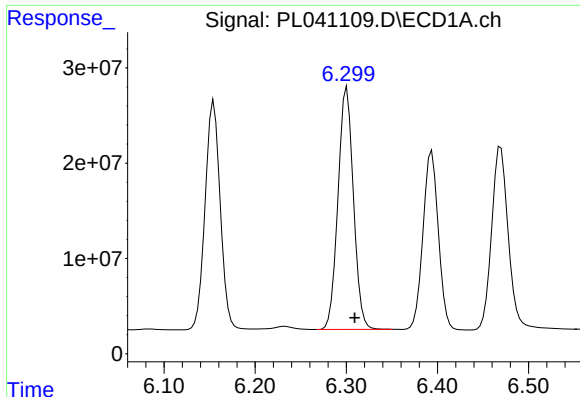
#14 Endrin

R.T.: 6.026 min  
Delta R.T.: -0.008 min  
Response: 285340872  
Conc: 49.68 ng/ml



#14 Endrin

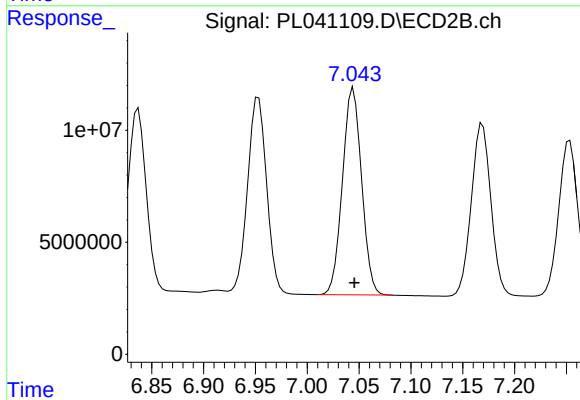
R.T.: 6.837 min  
Delta R.T.: -0.001 min  
Response: 102957055  
Conc: 46.12 ng/ml



#15 Endosulfan II

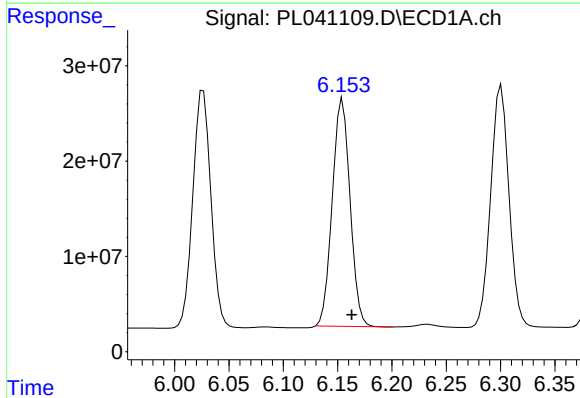
R.T.: 6.301 min  
Delta R.T.: -0.008 min  
Response: 298875147  
Conc: 53.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



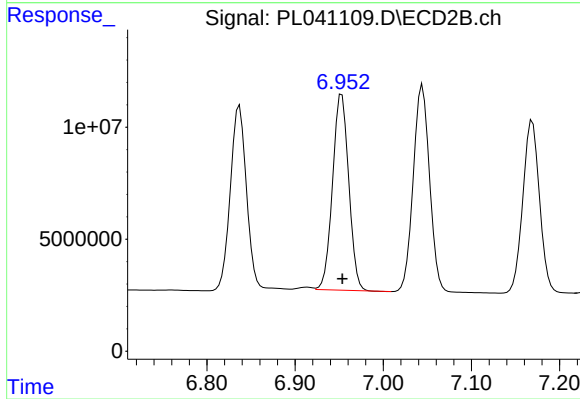
#15 Endosulfan II

R.T.: 7.044 min  
Delta R.T.: -0.001 min  
Response: 118718537  
Conc: 49.99 ng/ml



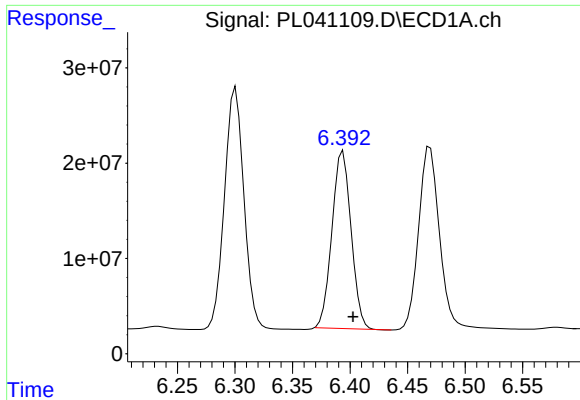
#16 4,4'-DDD

R.T.: 6.155 min  
Delta R.T.: -0.008 min  
Response: 271940345  
Conc: 60.21 ng/ml



#16 4,4'-DDD

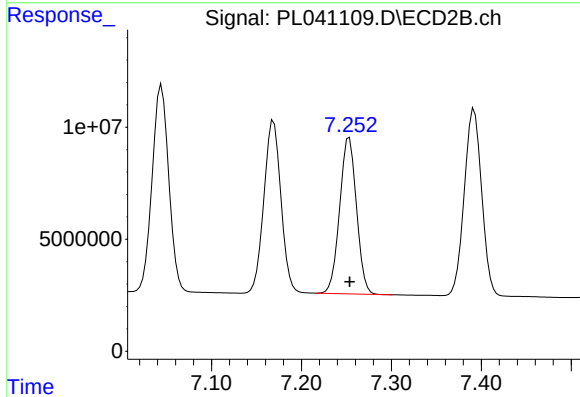
R.T.: 6.953 min  
Delta R.T.: 0.000 min  
Response: 111658119  
Conc: 53.30 ng/ml



#17 4,4'-DDT

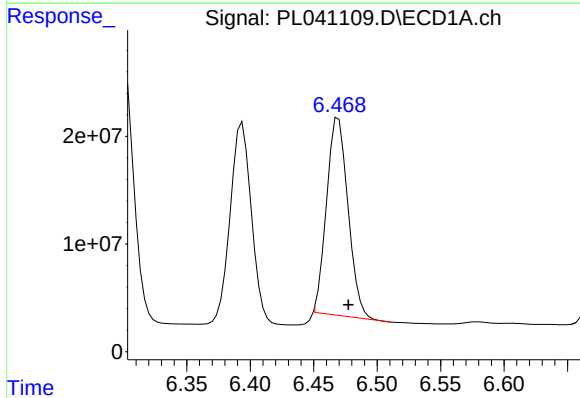
R.T.: 6.394 min  
Delta R.T.: -0.009 min  
Response: 215412433  
Conc: 47.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



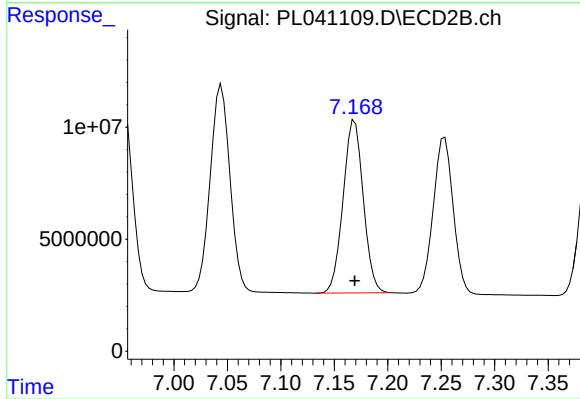
#17 4,4'-DDT

R.T.: 7.253 min  
Delta R.T.: 0.000 min  
Response: 90562997  
Conc: 43.54 ng/ml



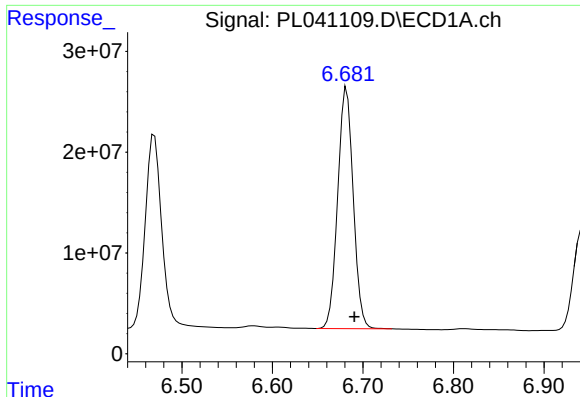
#18 Endrin aldehyde

R.T.: 6.470 min  
Delta R.T.: -0.008 min  
Response: 214660074  
Conc: 51.20 ng/ml



#18 Endrin aldehyde

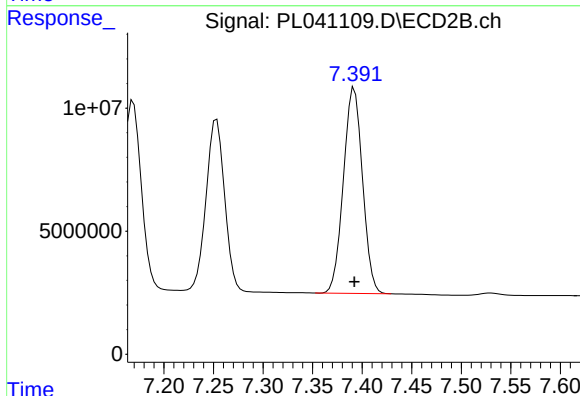
R.T.: 7.169 min  
Delta R.T.: 0.000 min  
Response: 101314951  
Conc: 51.06 ng/ml



#19 Endosulfan Sulfate

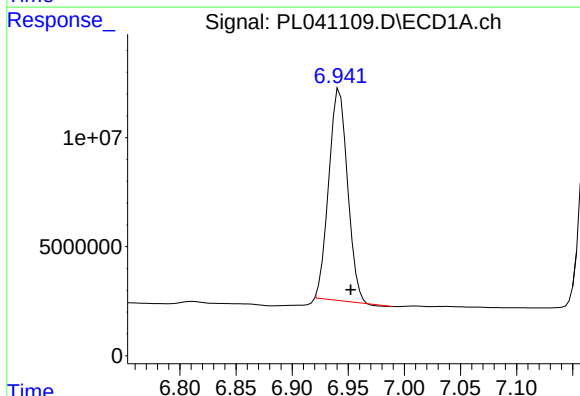
R.T.: 6.682 min  
Delta R.T.: -0.008 min  
Response: 284778719  
Conc: 55.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



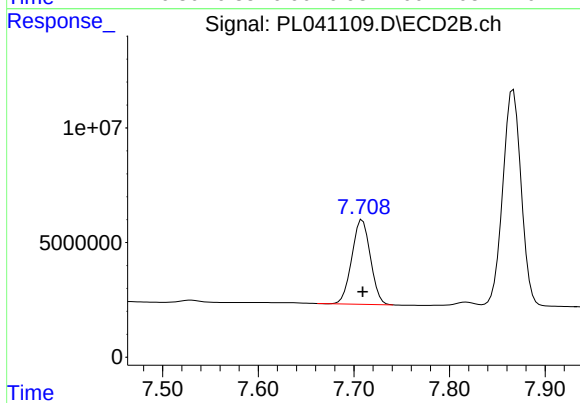
#19 Endosulfan Sulfate

R.T.: 7.392 min  
Delta R.T.: 0.000 min  
Response: 112158976  
Conc: 50.20 ng/ml



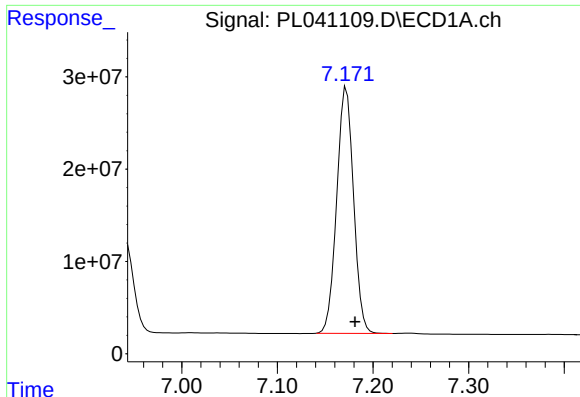
#20 Methoxychlor

R.T.: 6.942 min  
Delta R.T.: -0.010 min  
Response: 112400722  
Conc: 43.21 ng/ml



#20 Methoxychlor

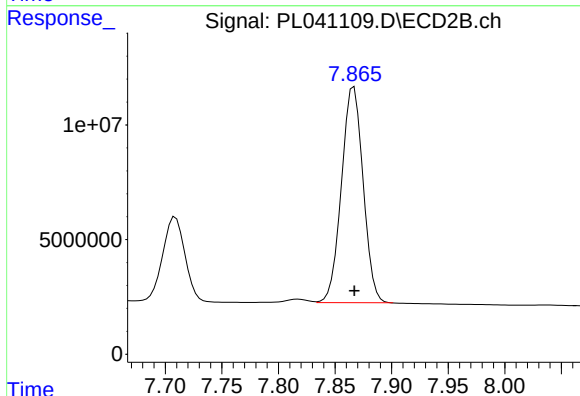
R.T.: 7.709 min  
Delta R.T.: 0.000 min  
Response: 49970115  
Conc: 42.45 ng/ml



#21 Endrin ketone

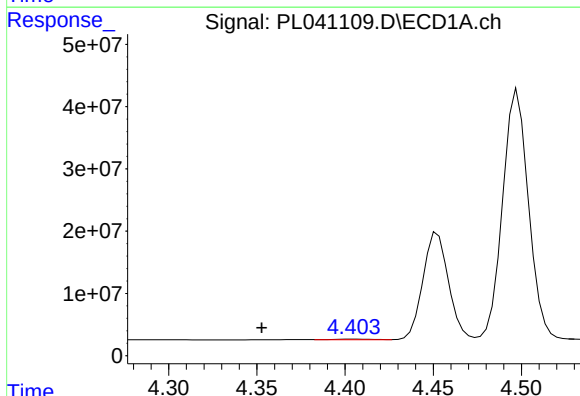
R.T.: 7.172 min  
Delta R.T.: -0.009 min  
Response: 326369175  
Conc: 62.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



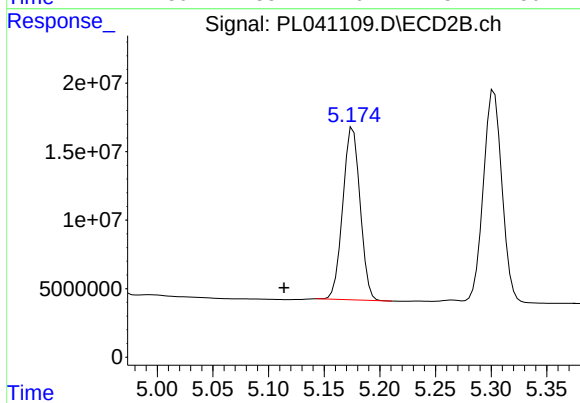
#21 Endrin ketone

R.T.: 7.867 min  
Delta R.T.: 0.000 min  
Response: 125396286  
Conc: 53.33 ng/ml



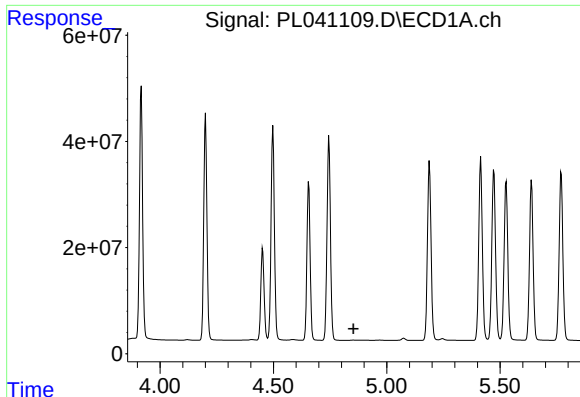
#23 Chlordane-1

R.T.: 4.405 min  
Delta R.T.: 0.052 min  
Response: 1469701  
Conc: 5.76 ng/ml



#23 Chlordane-1

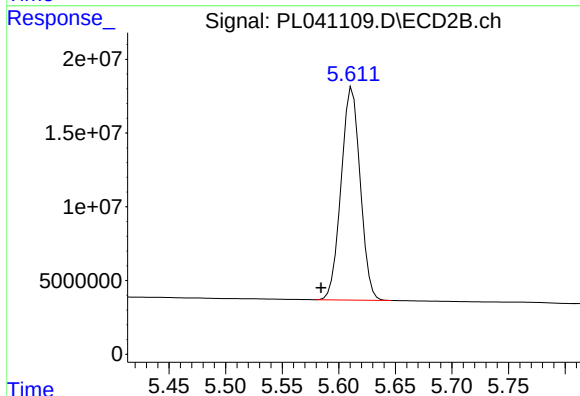
R.T.: 5.176 min  
Delta R.T.: 0.062 min  
Response: 135945400  
Conc: 1100.64 ng/ml



#24 Chlordane-2

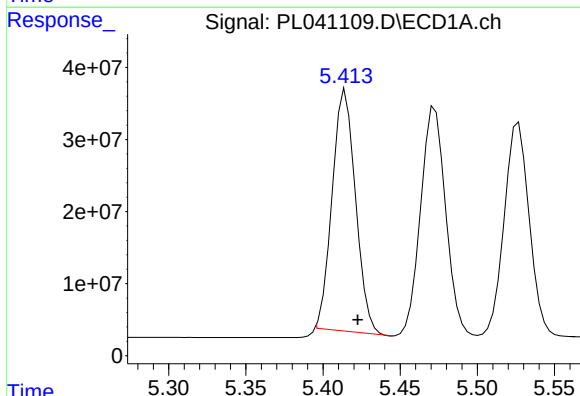
R.T.: 0.000 min  
Exp R.T.: 4.854 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



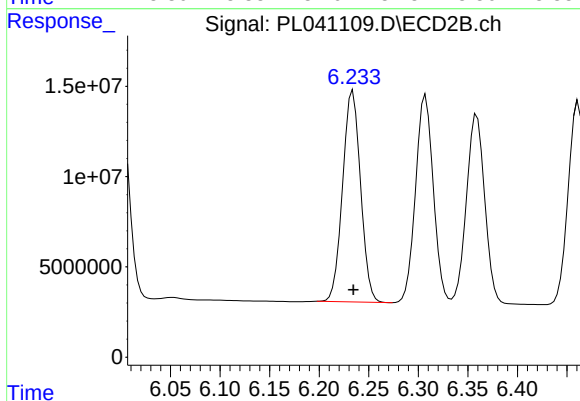
#24 Chlordane-2

R.T.: 5.612 min  
Delta R.T.: 0.027 min  
Response: 169319085  
Conc: 1369.12 ng/ml



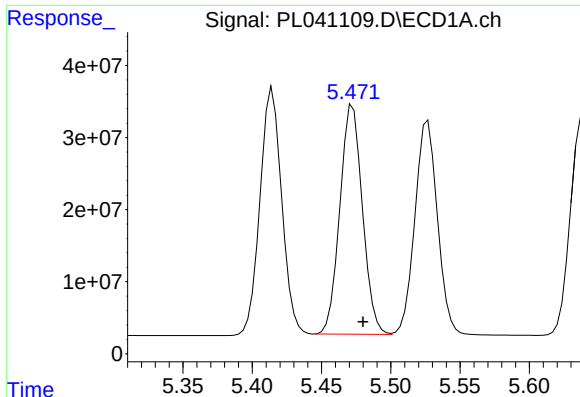
#25 Chlordane-3

R.T.: 5.415 min  
Delta R.T.: -0.008 min  
Response: 352172530  
Conc: 460.14 ng/ml



#25 Chlordane-3

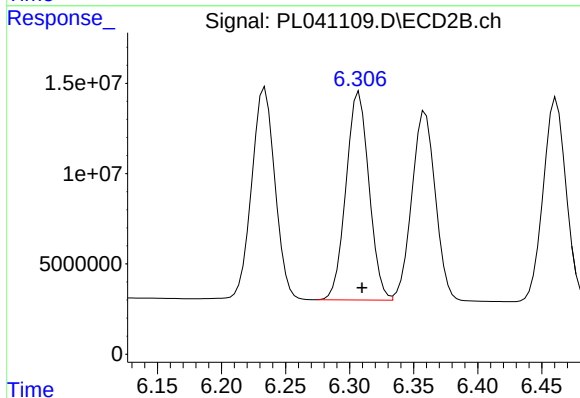
R.T.: 6.234 min  
Delta R.T.: 0.000 min  
Response: 147394101  
Conc: 365.62 ng/ml



#26 Chlordane-4

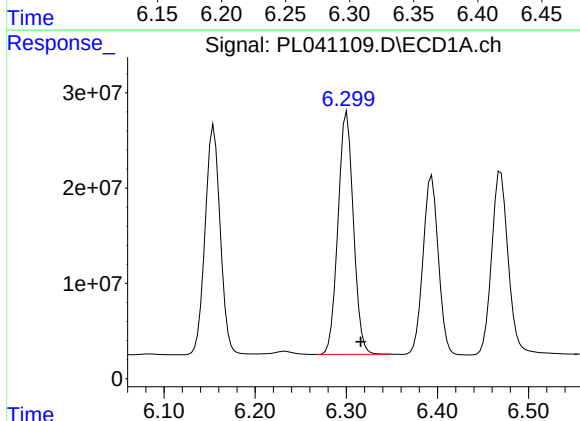
R.T.: 5.473 min  
Delta R.T.: -0.007 min  
Response: 360963526  
Conc: 538.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



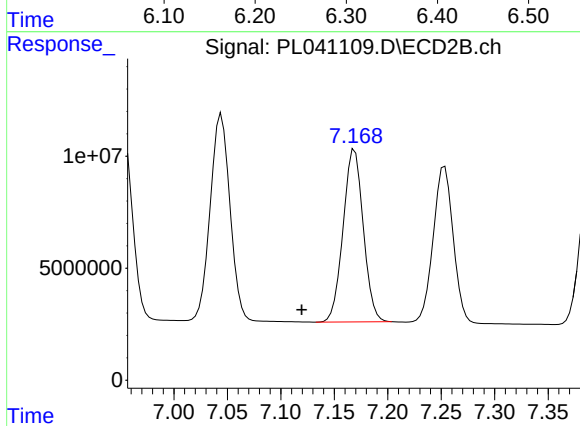
#26 Chlordane-4

R.T.: 6.308 min  
Delta R.T.: -0.002 min  
Response: 143928572  
Conc: 303.24 ng/ml



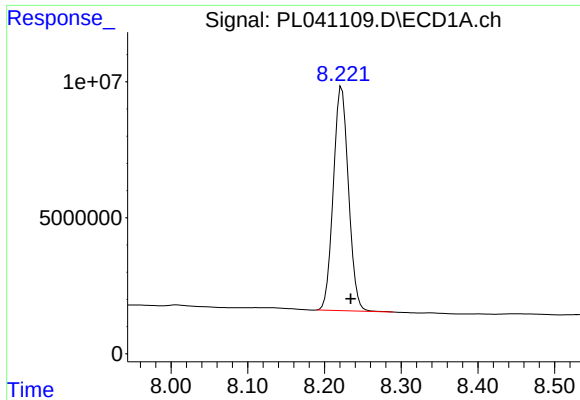
#27 Chlordane-5

R.T.: 6.301 min  
Delta R.T.: -0.015 min  
Response: 298875147  
Conc: 1379.11 ng/ml



#27 Chlordane-5

R.T.: 7.169 min  
Delta R.T.: 0.049 min  
Response: 101314951  
Conc: 1145.06 ng/ml



#28 Decachlorobiphenyl

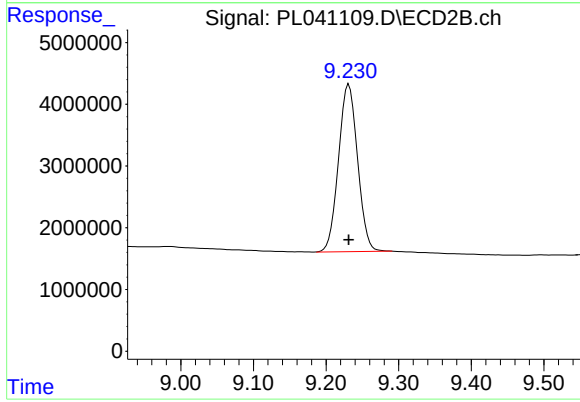
R.T.: 8.222 min

Delta R.T.: -0.012 min

Response: 113016315

Conc: 21.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.231 min

Delta R.T.: 0.000 min

Response: 49490411

Conc: 19.14 ng/ml