

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL113018\  
 Data File : PL042648.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Nov 2018 20:46  
 Operator : AJ\SJ  
 Sample : PB115214BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 01 00:14:18 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 20 02:29:59 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... | 3.466 | 4.101 | 118.5E6 | 66421650 | 20.137   | 23.094     |
| 28)                         | SA Decachlor... | 8.204 | 9.232 | 106.9E6 | 45259060 | 16.960   | 18.765     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.906 | 4.497 | 458.3E6 | 226.5E6  | 50.788   | 52.887     |
| 3)                          | MA gamma-BHC... | 4.189 | 4.785 | 422.2E6 | 209.9E6  | 51.227   | 53.114     |
| 4)                          | MA Heptachlor   | 4.485 | 5.301 | 410.5E6 | 198.6E6  | 47.179   | 50.615     |
| 5)                          | MB Aldrin       | 4.731 | 5.610 | 423.8E6 | 202.5E6  | 52.203   | 52.721     |
| 6)                          | B beta-BHC      | 4.443 | 4.954 | 174.3E6 | 86663234 | 49.190   | 54.929     |
| 7)                          | B delta-BHC     | 4.645 | 5.175 | 331.7E6 | 160.0E6  | 43.311   | 43.480     |
| 8)                          | B Heptachlo...  | 5.174 | 5.998 | 385.4E6 | 176.9E6  | 50.853   | 49.326     |
| 9)                          | A Endosulfan I  | 5.511 | 6.358 | 342.8E6 | 160.6E6  | 49.540   | 50.845     |
| 10)                         | B gamma-Chl...  | 5.399 | 6.233 | 377.9E6 | 172.1E6  | 49.567   | 50.552     |
| 11)                         | B alpha-Chl...  | 5.457 | 6.306 | 366.1E6 | 168.8E6  | 48.775   | 50.488     |
| 12)                         | B 4,4'-DDE      | 5.623 | 6.461 | 334.4E6 | 171.2E6  | 51.094   | 51.429     |
| 13)                         | MA Dieldrin     | 5.754 | 6.616 | 366.2E6 | 168.7E6  | 49.777   | 50.674     |
| 14)                         | MA Endrin       | 6.010 | 6.836 | 267.4E6 | 111.0E6  | 40.888   | 40.286     |
| 15)                         | B Endosulfa...  | 6.285 | 7.044 | 306.3E6 | 134.3E6  | 49.010   | 48.630     |
| 16)                         | A 4,4'-DDD      | 6.139 | 6.952 | 293.1E6 | 137.4E6  | 55.353   | 52.198     |
| 17)                         | MA 4,4'-DDT     | 6.377 | 7.253 | 218.7E6 | 101.3E6  | 39.293   | 38.361     |
| 18)                         | B Endrin al...  | 6.453 | 7.168 | 257.5E6 | 114.5E6  | 49.538   | 49.951     |
| 19)                         | B Endosulfa...  | 6.666 | 7.392 | 290.2E6 | 124.9E6  | 46.509   | 44.927     |
| 20)                         | A Methoxychlor  | 6.923 | 7.709 | 115.6E6 | 49242698 | 36.668   | 36.117     |
| 21)                         | B Endrin ke...  | 7.156 | 7.867 | 335.8E6 | 137.3E6  | 48.500   | 49.664     |
| 23)                         | Chlordane-1     | 4.364 | 5.175 | -218722 | 160.0E6  | N.D.     | 1203.708   |
| 24)                         | Chlordane-2     | 0.000 | 5.610 | 0       | 202.5E6  | N.D.     | 1451.977 # |
| 25)                         | Chlordane-3     | 5.399 | 6.233 | 377.9E6 | 172.1E6  | 431.134  | 366.226    |
| 26)                         | Chlordane-4     | 5.457 | 6.306 | 366.1E6 | 168.8E6  | 482.452  | 308.549 #  |
| 27)                         | Chlordane-5     | 6.285 | 7.168 | 306.3E6 | 114.5E6  | 1028.063 | 1190.468   |
| -----                       |                 |       |       |         |          |          |            |

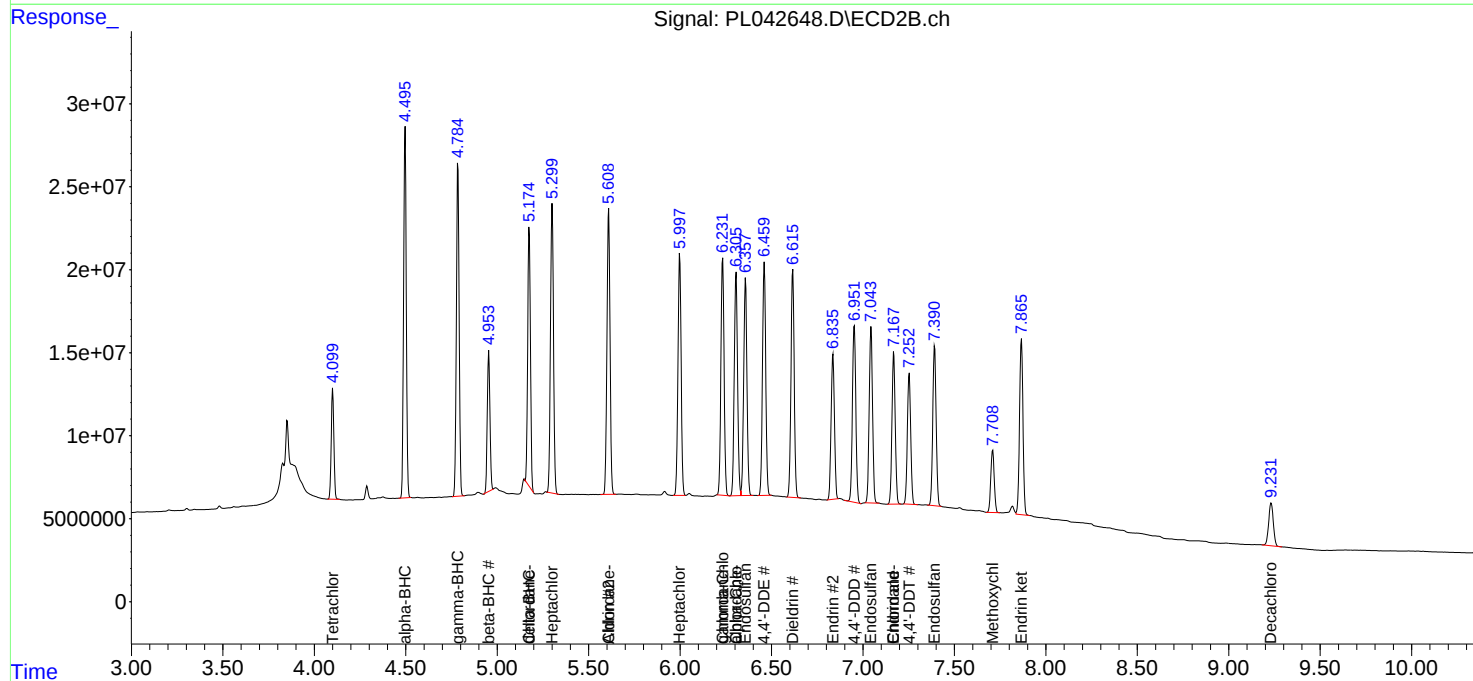
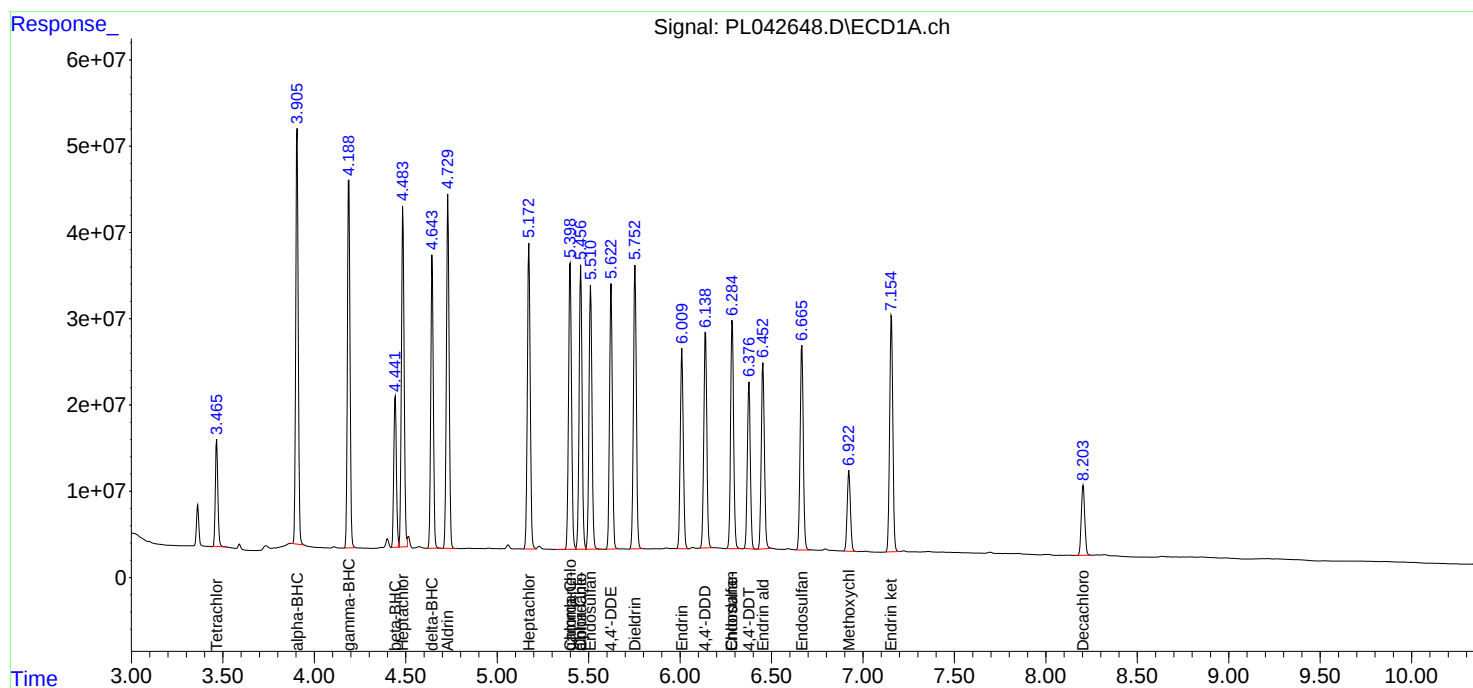
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

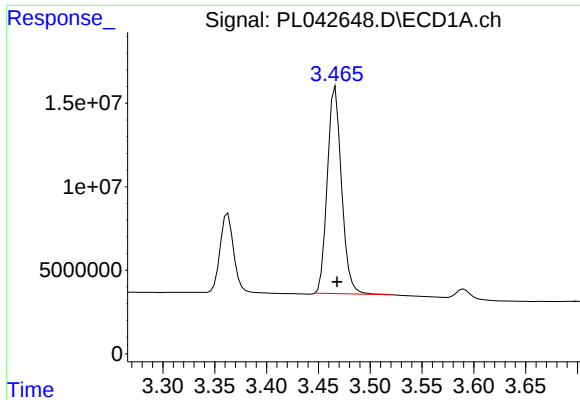
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL113018\  
Data File : PL042648.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Nov 2018 20:46  
Operator : AJ\SJ  
Sample : PB115214BS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 01 00:14:18 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 20 02:29:59 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

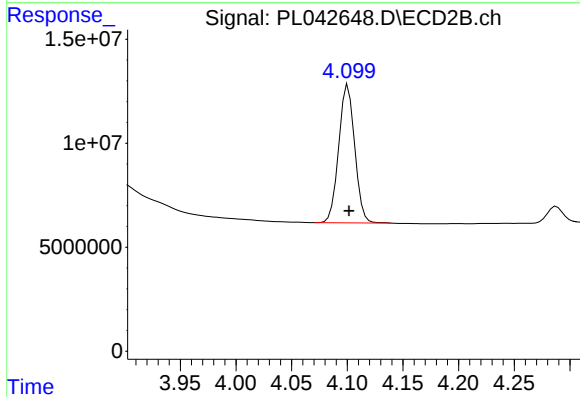




#1 Tetrachloro-m-xylene

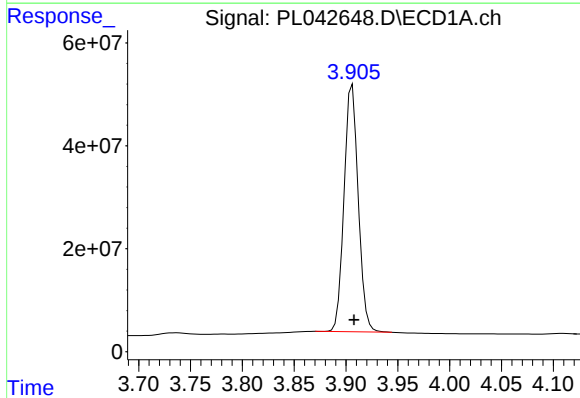
R.T.: 3.466 min  
Delta R.T.: -0.002 min  
Response: 118474101  
Conc: 20.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



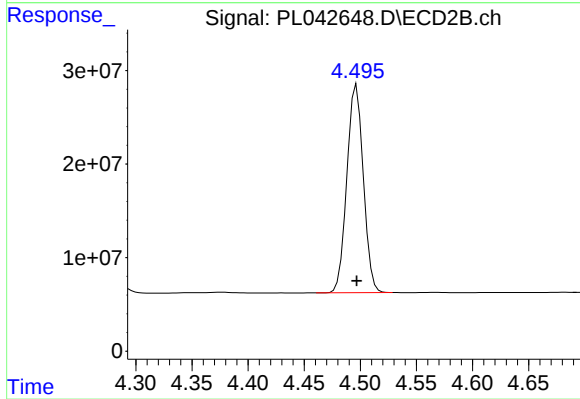
#1 Tetrachloro-m-xylene

R.T.: 4.101 min  
Delta R.T.: 0.000 min  
Response: 66421650  
Conc: 23.09 ng/ml



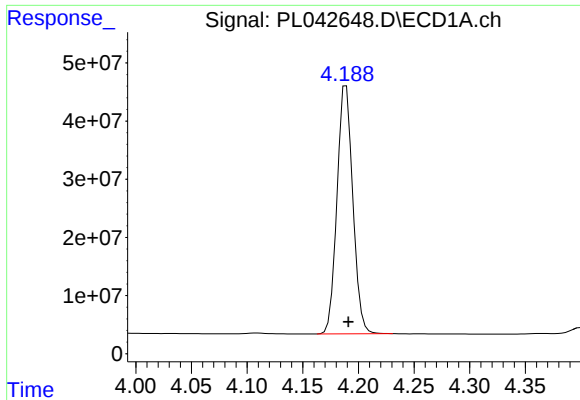
#2 alpha-BHC

R.T.: 3.906 min  
Delta R.T.: -0.002 min  
Response: 458271408  
Conc: 50.79 ng/ml



#2 alpha-BHC

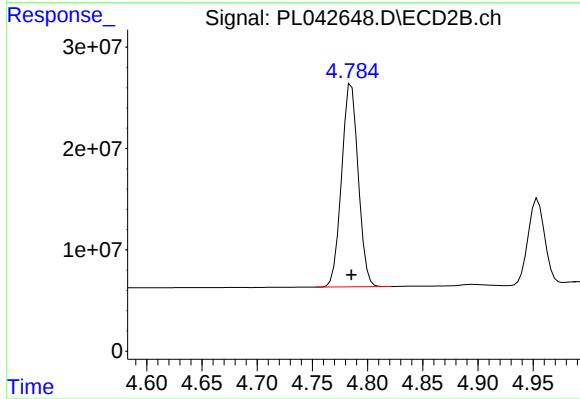
R.T.: 4.497 min  
Delta R.T.: 0.000 min  
Response: 226488096  
Conc: 52.89 ng/ml



#3 gamma-BHC (Lindane)

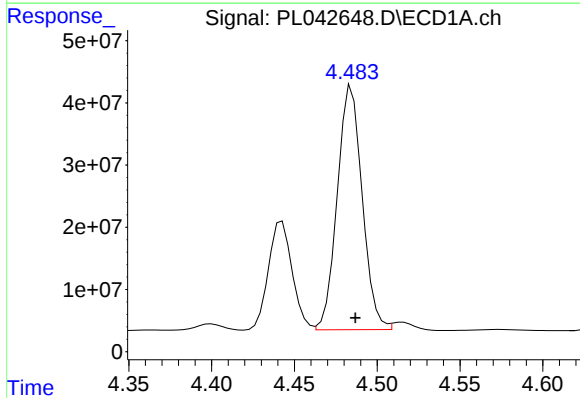
R.T.: 4.189 min  
Delta R.T.: -0.002 min  
Response: 422211199  
Conc: 51.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



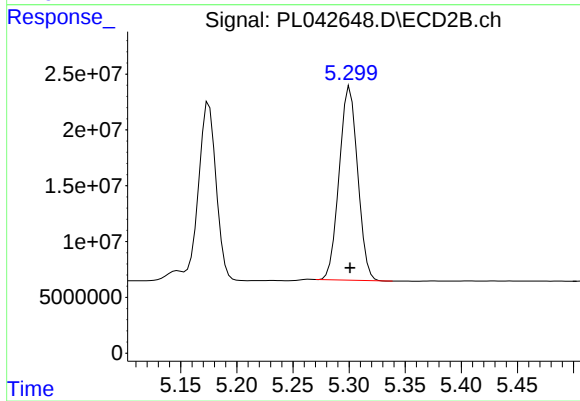
#3 gamma-BHC (Lindane)

R.T.: 4.785 min  
Delta R.T.: 0.000 min  
Response: 209886518  
Conc: 53.11 ng/ml



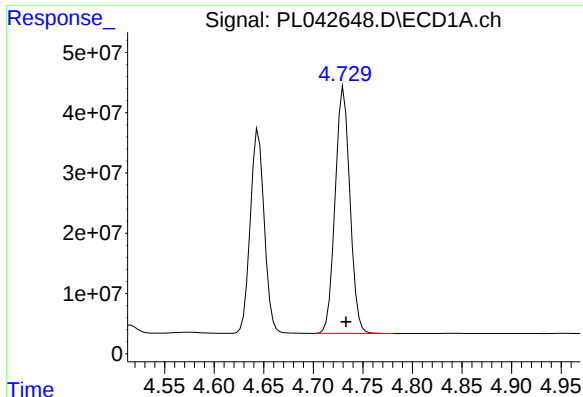
#4 Heptachlor

R.T.: 4.485 min  
Delta R.T.: -0.002 min  
Response: 410517453  
Conc: 47.18 ng/ml



#4 Heptachlor

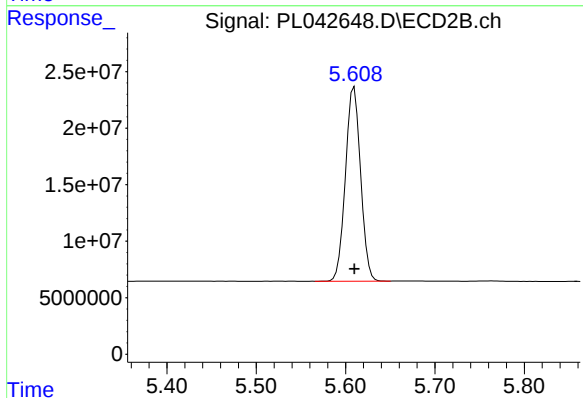
R.T.: 5.301 min  
Delta R.T.: 0.000 min  
Response: 198555698  
Conc: 50.62 ng/ml



#5 Aldrin

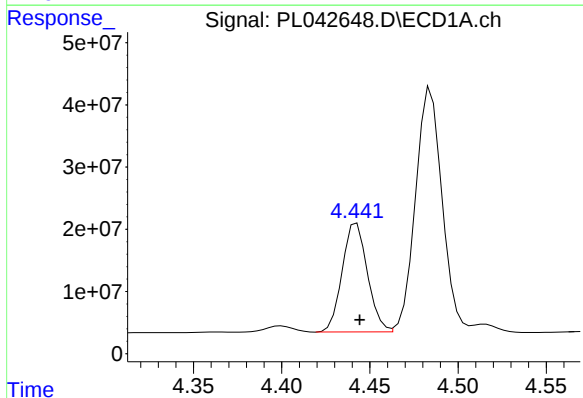
R.T.: 4.731 min  
Delta R.T.: -0.002 min  
Response: 423835052  
Conc: 52.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



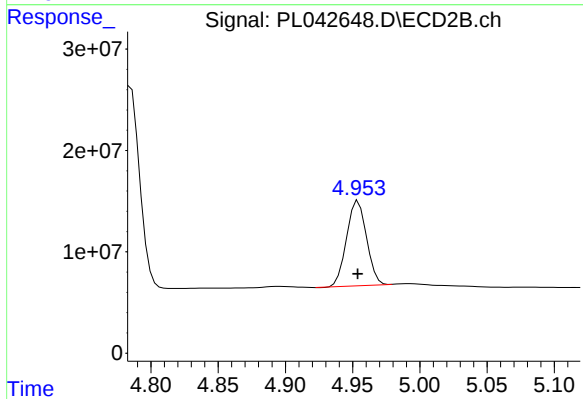
#5 Aldrin

R.T.: 5.610 min  
Delta R.T.: 0.000 min  
Response: 202469531  
Conc: 52.72 ng/ml



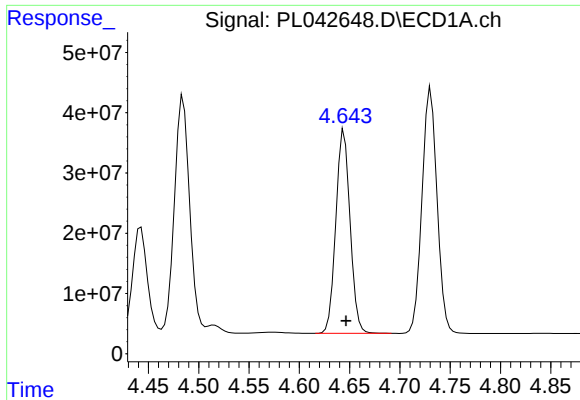
#6 beta-BHC

R.T.: 4.443 min  
Delta R.T.: -0.002 min  
Response: 174269662  
Conc: 49.19 ng/ml



#6 beta-BHC

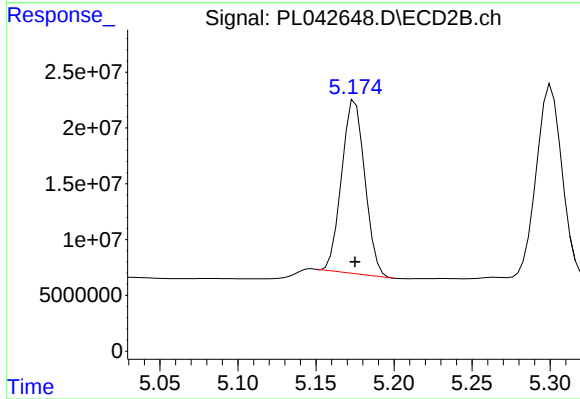
R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 86663234  
Conc: 54.93 ng/ml



#7 delta-BHC

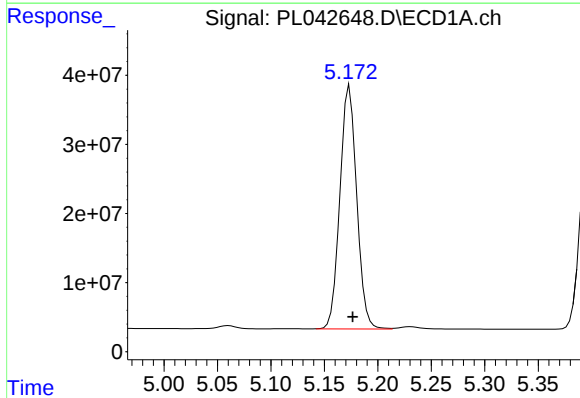
R.T.: 4.645 min  
Delta R.T.: -0.002 min  
Response: 331673111  
Conc: 43.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



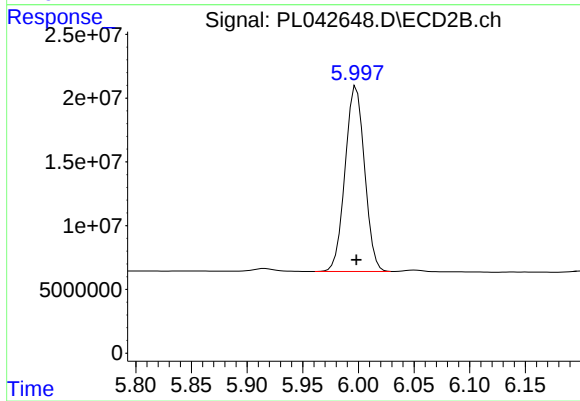
#7 delta-BHC

R.T.: 5.175 min  
Delta R.T.: 0.000 min  
Response: 160011705  
Conc: 43.48 ng/ml



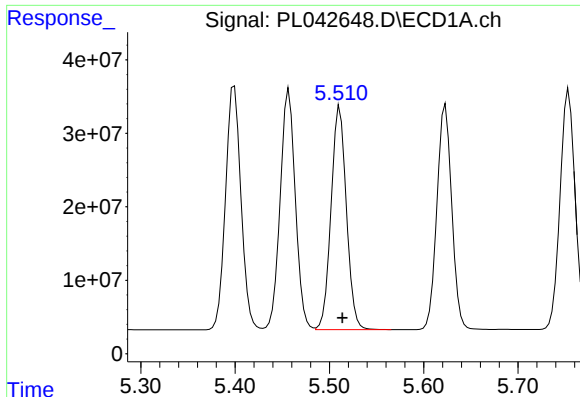
#8 Heptachlor epoxide

R.T.: 5.174 min  
Delta R.T.: -0.003 min  
Response: 385446899  
Conc: 50.85 ng/ml



#8 Heptachlor epoxide

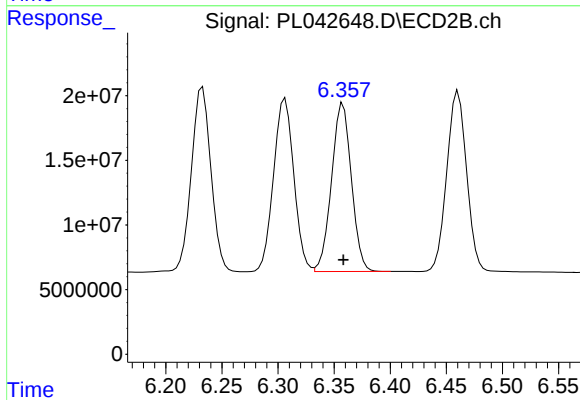
R.T.: 5.998 min  
Delta R.T.: 0.000 min  
Response: 176861336  
Conc: 49.33 ng/ml



#9 Endosulfan I

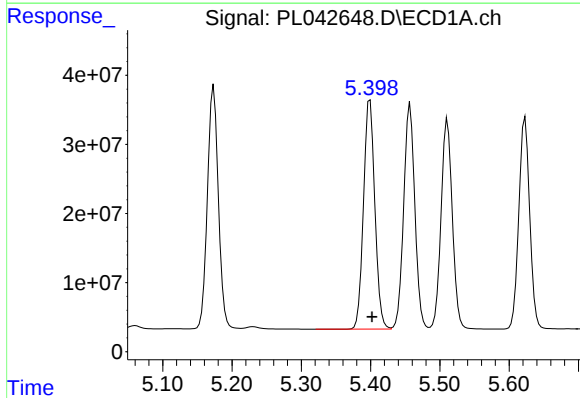
R.T.: 5.511 min  
Delta R.T.: -0.003 min  
Response: 342832920  
Conc: 49.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



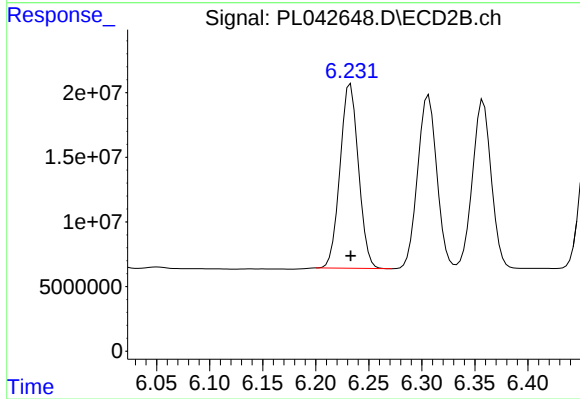
#9 Endosulfan I

R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 160568910  
Conc: 50.84 ng/ml



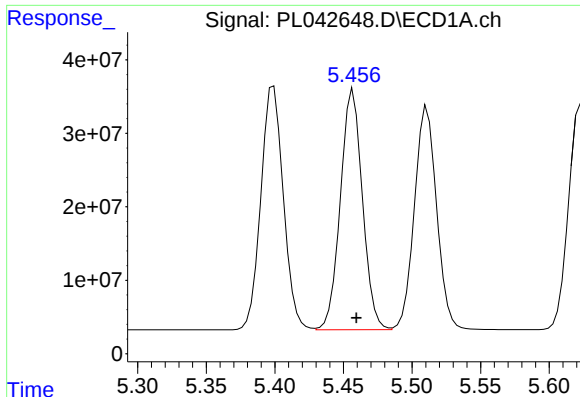
#10 gamma-Chlordane

R.T.: 5.399 min  
Delta R.T.: -0.003 min  
Response: 377927261  
Conc: 49.57 ng/ml



#10 gamma-Chlordane

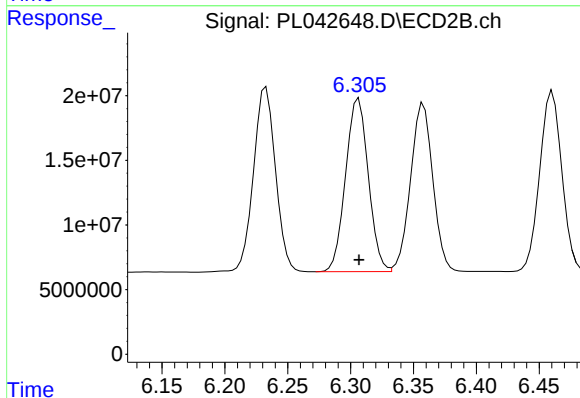
R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 172098870  
Conc: 50.55 ng/ml



#11 alpha-Chlordane

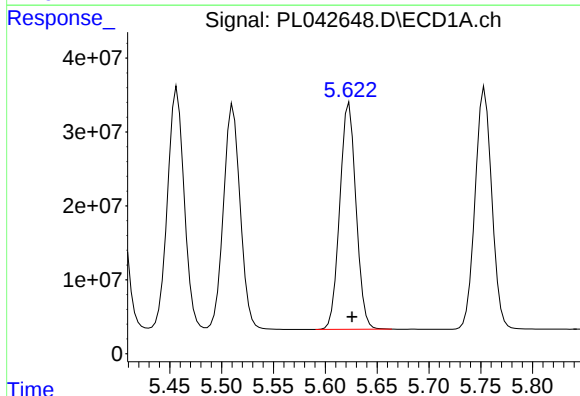
R.T.: 5.457 min  
Delta R.T.: -0.002 min  
Response: 366142907  
Conc: 48.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



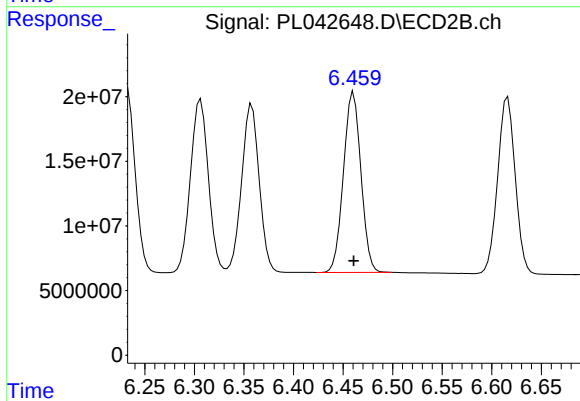
#11 alpha-Chlordane

R.T.: 6.306 min  
Delta R.T.: 0.000 min  
Response: 168824140  
Conc: 50.49 ng/ml



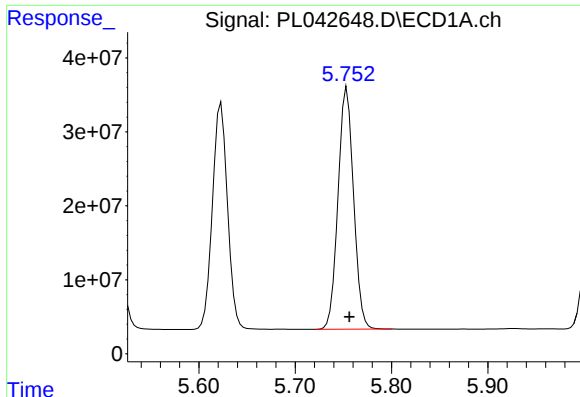
#12 4,4'-DDE

R.T.: 5.623 min  
Delta R.T.: -0.003 min  
Response: 334419807  
Conc: 51.09 ng/ml



#12 4,4'-DDE

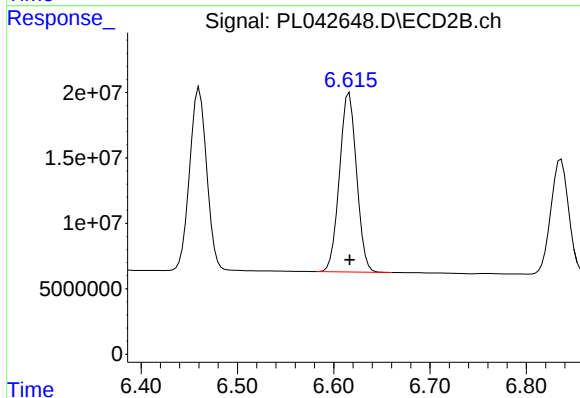
R.T.: 6.461 min  
Delta R.T.: 0.000 min  
Response: 171163335  
Conc: 51.43 ng/ml



#13 Dieldrin

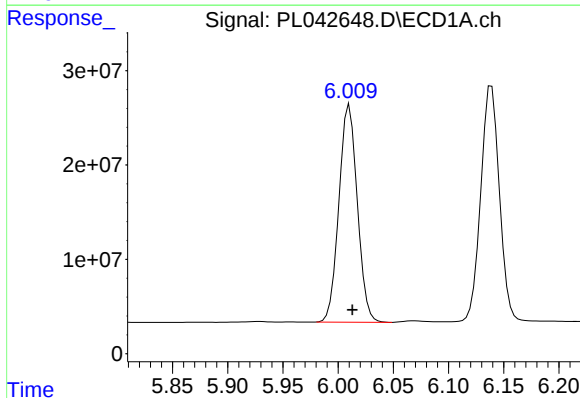
R.T.: 5.754 min  
Delta R.T.: -0.003 min  
Response: 366201166  
Conc: 49.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



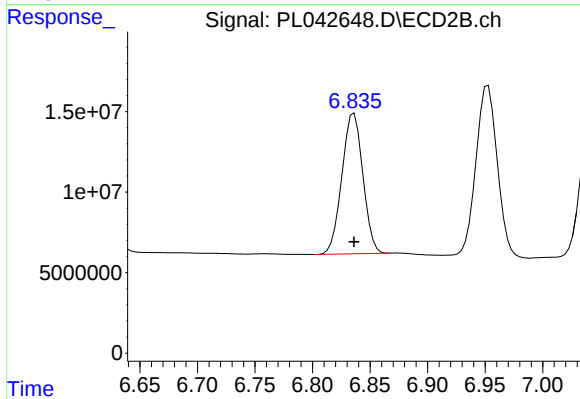
#13 Dieldrin

R.T.: 6.616 min  
Delta R.T.: 0.000 min  
Response: 168671752  
Conc: 50.67 ng/ml



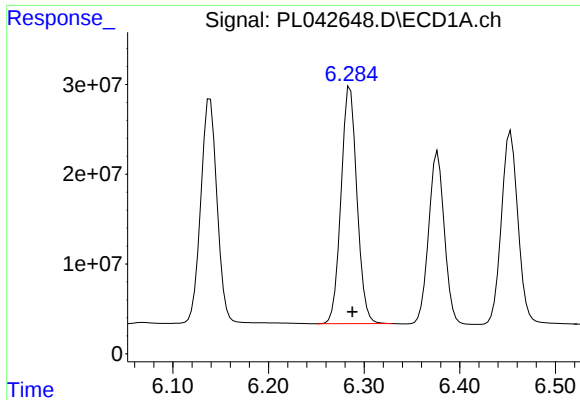
#14 Endrin

R.T.: 6.010 min  
Delta R.T.: -0.003 min  
Response: 267422159  
Conc: 40.89 ng/ml



#14 Endrin

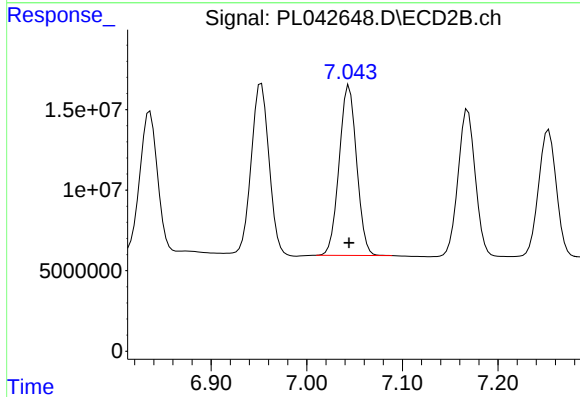
R.T.: 6.836 min  
Delta R.T.: 0.000 min  
Response: 110971110  
Conc: 40.29 ng/ml



#15 Endosulfan II

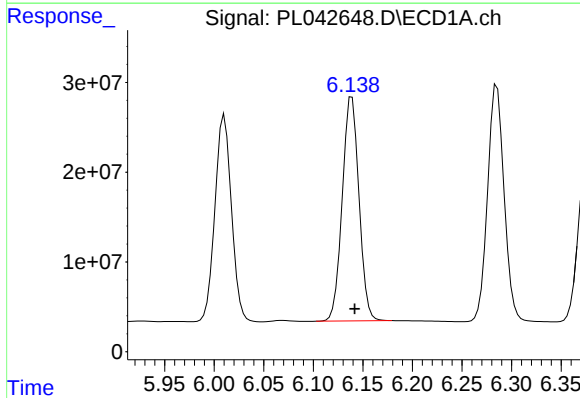
R.T.: 6.285 min  
Delta R.T.: -0.002 min  
Response: 306334007  
Conc: 49.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



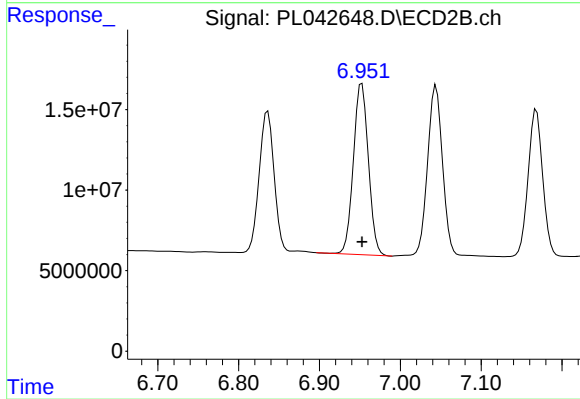
#15 Endosulfan II

R.T.: 7.044 min  
Delta R.T.: 0.000 min  
Response: 134301847  
Conc: 48.63 ng/ml



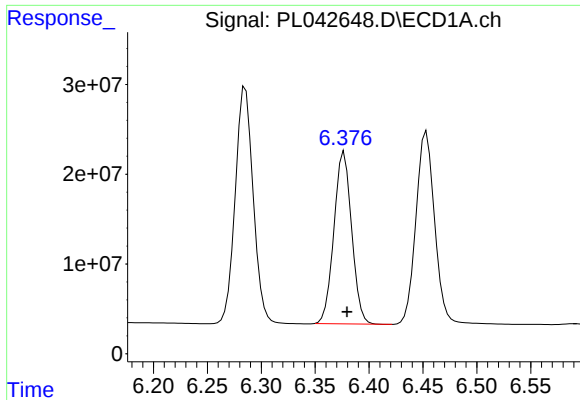
#16 4,4'-DDD

R.T.: 6.139 min  
Delta R.T.: -0.003 min  
Response: 293085005  
Conc: 55.35 ng/ml



#16 4,4'-DDD

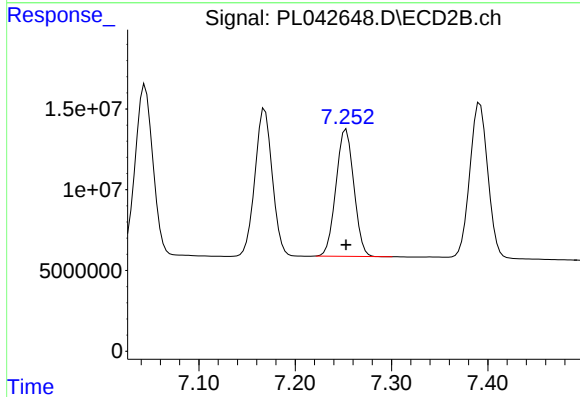
R.T.: 6.952 min  
Delta R.T.: 0.000 min  
Response: 137392864  
Conc: 52.20 ng/ml



#17 4,4'-DDT

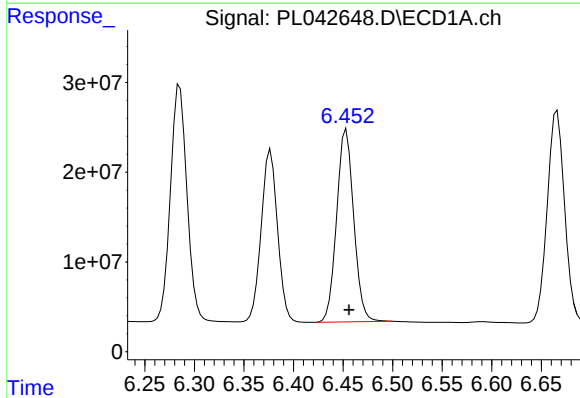
R.T.: 6.377 min  
Delta R.T.: -0.003 min  
Response: 218738644  
Conc: 39.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



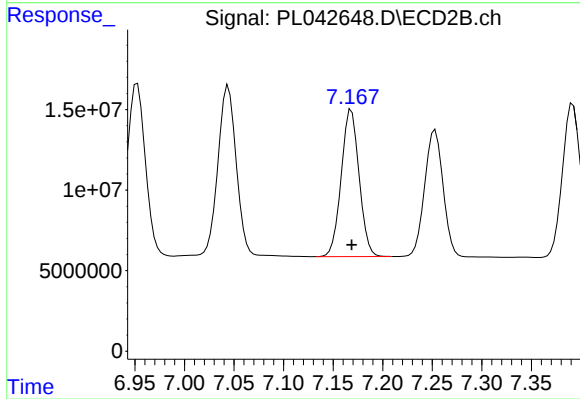
#17 4,4'-DDT

R.T.: 7.253 min  
Delta R.T.: 0.000 min  
Response: 101294377  
Conc: 38.36 ng/ml



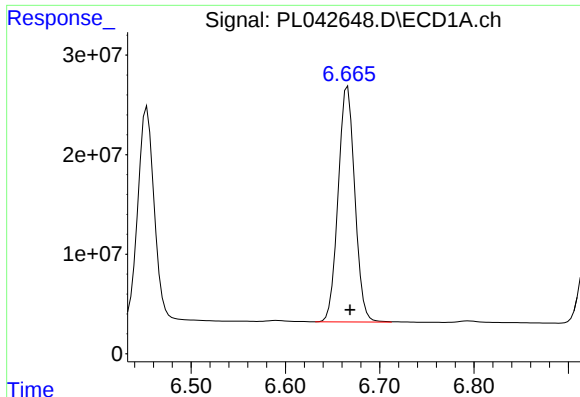
#18 Endrin aldehyde

R.T.: 6.453 min  
Delta R.T.: -0.003 min  
Response: 257528761  
Conc: 49.54 ng/ml



#18 Endrin aldehyde

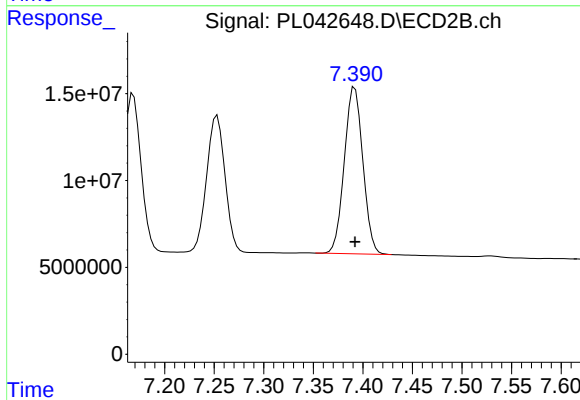
R.T.: 7.168 min  
Delta R.T.: 0.000 min  
Response: 114517543  
Conc: 49.95 ng/ml



#19 Endosulfan Sulfate

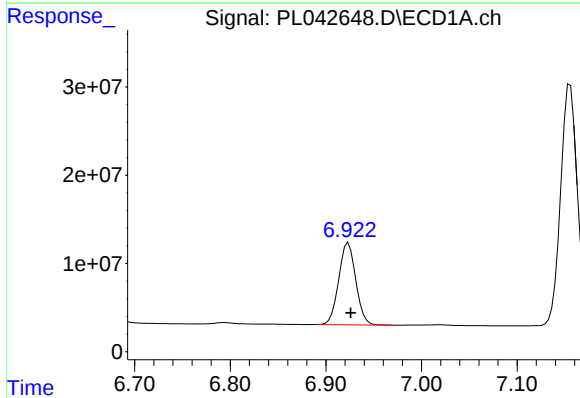
R.T.: 6.666 min  
Delta R.T.: -0.003 min  
Response: 290183325  
Conc: 46.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



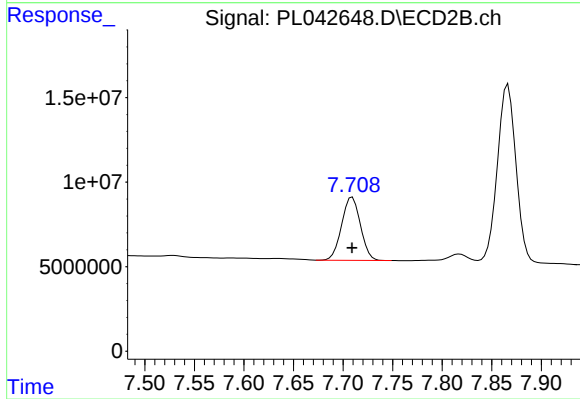
#19 Endosulfan Sulfate

R.T.: 7.392 min  
Delta R.T.: 0.000 min  
Response: 124944395  
Conc: 44.93 ng/ml



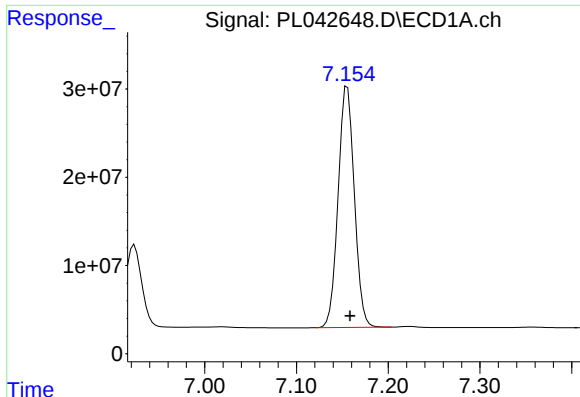
#20 Methoxychlor

R.T.: 6.923 min  
Delta R.T.: -0.003 min  
Response: 115643488  
Conc: 36.67 ng/ml



#20 Methoxychlor

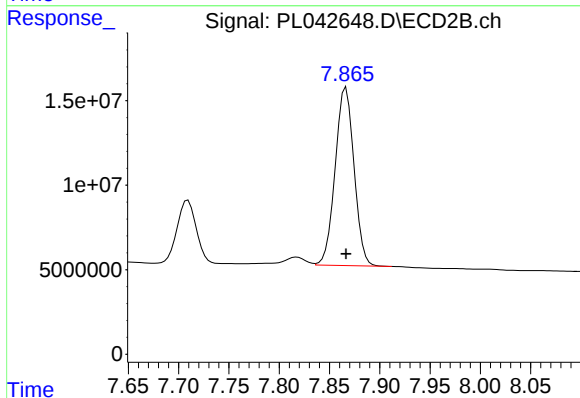
R.T.: 7.709 min  
Delta R.T.: 0.000 min  
Response: 49242698  
Conc: 36.12 ng/ml



#21 Endrin ketone

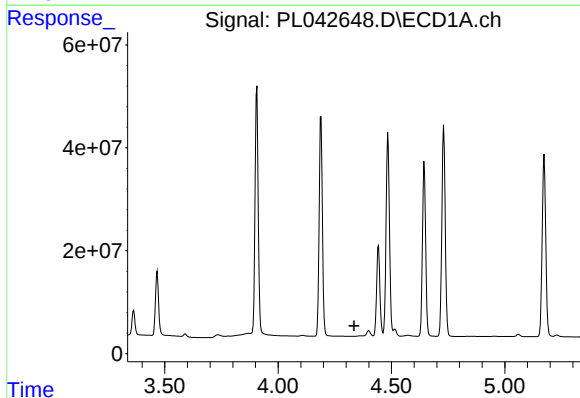
R.T.: 7.156 min  
Delta R.T.: -0.003 min  
Response: 335833850  
Conc: 48.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



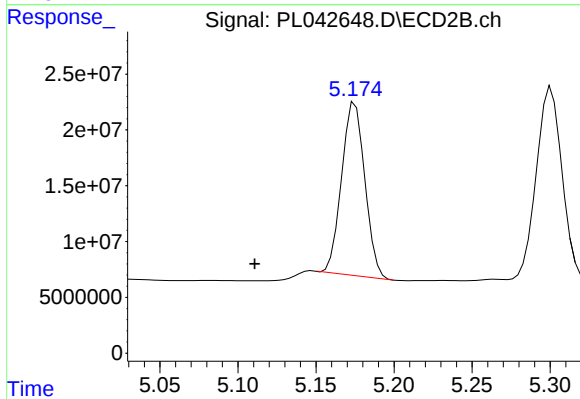
#21 Endrin ketone

R.T.: 7.867 min  
Delta R.T.: 0.000 min  
Response: 137270771  
Conc: 49.66 ng/ml



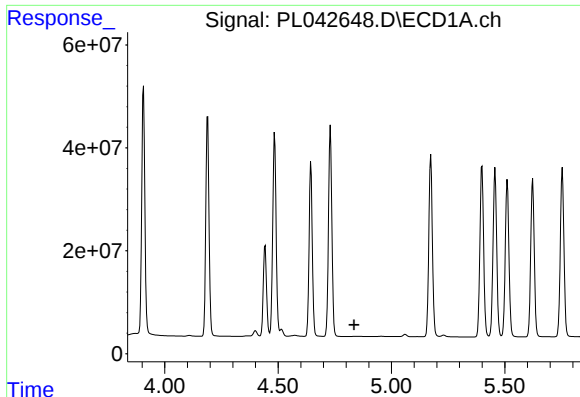
#23 Chlordane-1

R.T.: 4.364 min  
Delta R.T.: 0.029 min  
Response: -218722  
Conc: N.D.



#23 Chlordane-1

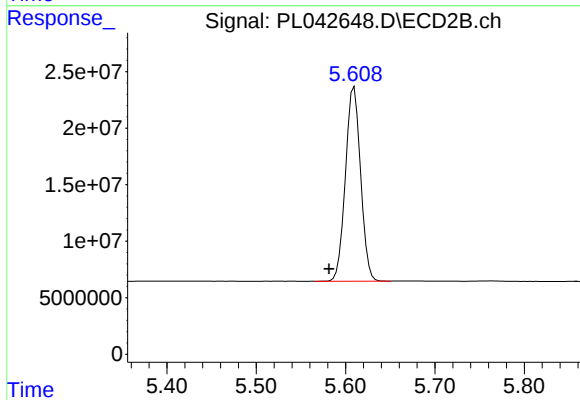
R.T.: 5.175 min  
Delta R.T.: 0.064 min  
Response: 160011705  
Conc: 1203.71 ng/ml



#24 Chlordane-2

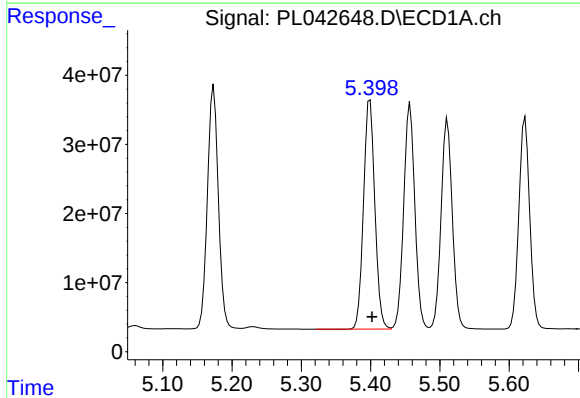
R.T.: 0.000 min  
Exp R.T.: 4.835 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



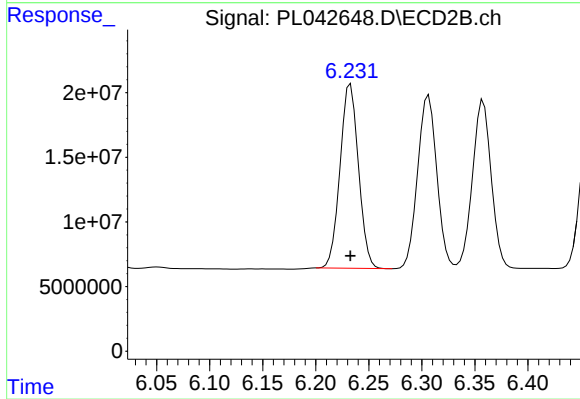
#24 Chlordane-2

R.T.: 5.610 min  
Delta R.T.: 0.028 min  
Response: 202469531  
Conc: 1451.98 ng/ml



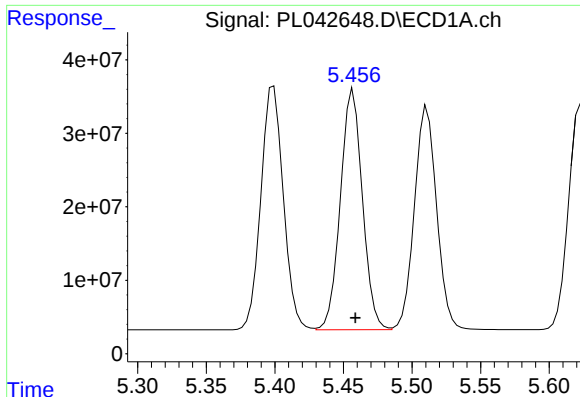
#25 Chlordane-3

R.T.: 5.399 min  
Delta R.T.: -0.003 min  
Response: 377927261  
Conc: 431.13 ng/ml



#25 Chlordane-3

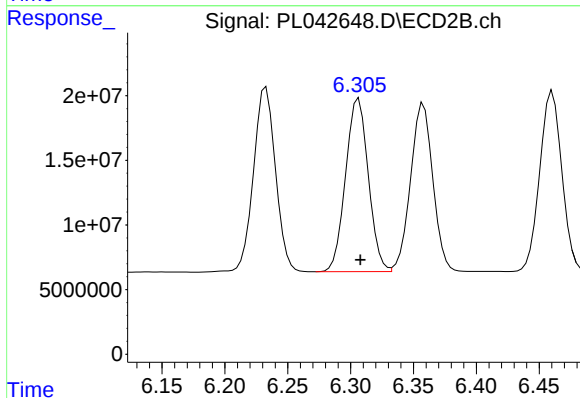
R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 172098870  
Conc: 366.23 ng/ml



#26 Chlordane-4

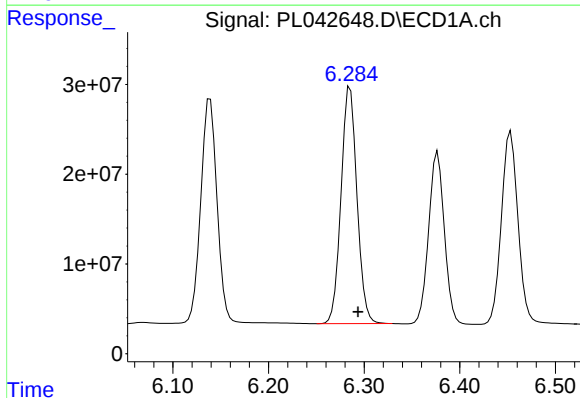
R.T.: 5.457 min  
Delta R.T.: -0.002 min  
Response: 366142907  
Conc: 482.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



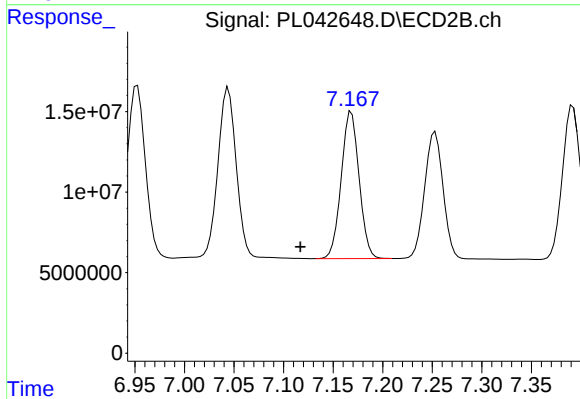
#26 Chlordane-4

R.T.: 6.306 min  
Delta R.T.: -0.001 min  
Response: 168824140  
Conc: 308.55 ng/ml



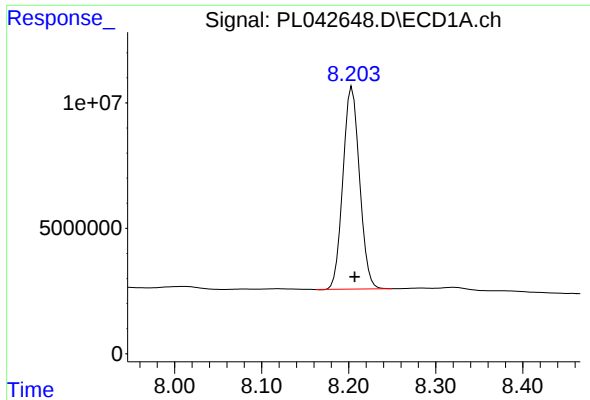
#27 Chlordane-5

R.T.: 6.285 min  
Delta R.T.: -0.009 min  
Response: 306334007  
Conc: 1028.06 ng/ml



#27 Chlordane-5

R.T.: 7.168 min  
Delta R.T.: 0.051 min  
Response: 114517543  
Conc: 1190.47 ng/ml



#28 Decachlorobiphenyl

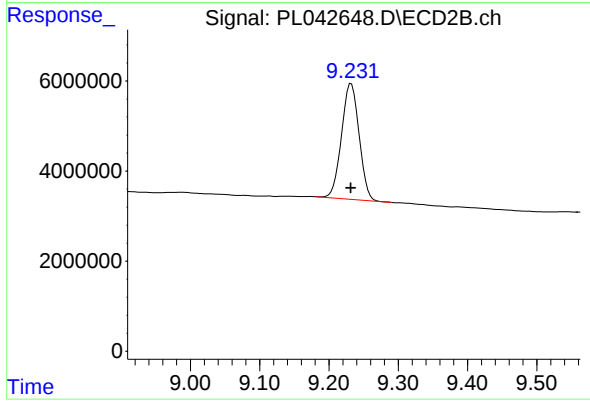
R.T.: 8.204 min

Delta R.T.: -0.003 min

Response: 106884511

Conc: 16.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.232 min

Delta R.T.: 0.000 min

Response: 45259060

Conc: 18.77 ng/ml