

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121218\  
 Data File : PL043048.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Dec 2018 22:08  
 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: Dec 13 03:21:40 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 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... | 3.465 | 4.100 | 311.2E6 | 156.2E6  | 50.741   | 52.713     |
| 28)                         | SA Decachlor... | 8.202 | 9.229 | 297.4E6 | 123.5E6  | 45.539   | 47.331     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.904 | 4.495 | 489.8E6 | 239.9E6  | 51.813   | 53.045     |
| 3)                          | MA gamma-BHC... | 4.187 | 4.783 | 446.8E6 | 220.5E6  | 51.741   | 52.574     |
| 4)                          | MA Heptachlor   | 4.483 | 5.298 | 459.7E6 | 214.7E6  | 51.809   | 52.411     |
| 5)                          | MB Aldrin       | 4.729 | 5.607 | 440.6E6 | 214.7E6  | 51.964   | 52.596     |
| 6)                          | B beta-BHC      | 4.441 | 4.952 | 184.8E6 | 90677872 | 50.091   | 53.563     |
| 7)                          | B delta-BHC     | 4.643 | 5.173 | 424.3E6 | 217.1E6  | 52.390   | 50.521     |
| 8)                          | B Heptachlo...  | 5.172 | 5.995 | 404.4E6 | 201.9E6  | 51.020   | 53.250     |
| 9)                          | A Endosulfan I  | 5.509 | 6.355 | 371.0E6 | 178.9E6  | 50.643   | 52.697     |
| 10)                         | B gamma-Chl...  | 5.398 | 6.230 | 409.7E6 | 203.2E6  | 50.818   | 55.310     |
| 11)                         | B alpha-Chl...  | 5.455 | 6.304 | 397.7E6 | 189.4E6  | 50.096   | 52.655     |
| 12)                         | B 4,4'-DDE      | 5.621 | 6.458 | 366.7E6 | 187.7E6  | 52.963   | 51.794     |
| 13)                         | MA Dieldrin     | 5.751 | 6.614 | 399.3E6 | 188.8E6  | 51.360   | 52.078     |
| 14)                         | MA Endrin       | 6.008 | 6.833 | 327.3E6 | 136.2E6  | 45.454   | 43.623     |
| 15)                         | B Endosulfa...  | 6.283 | 7.042 | 333.2E6 | 159.5E6  | 50.094   | 52.689     |
| 16)                         | A 4,4'-DDD      | 6.137 | 6.951 | 302.3E6 | 154.7E6  | 53.311   | 52.768     |
| 17)                         | MA 4,4'-DDT     | 6.374 | 7.251 | 285.4E6 | 139.8E6  | 47.974   | 47.587     |
| 18)                         | B Endrin al...  | 6.451 | 7.166 | 280.0E6 | 131.7E6  | 50.814   | 52.487     |
| 19)                         | B Endosulfa...  | 6.664 | 7.389 | 338.3E6 | 154.6E6  | 50.505   | 51.429     |
| 20)                         | A Methoxychlor  | 6.921 | 7.706 | 158.1E6 | 70318300 | 47.108   | 46.620     |
| 21)                         | B Endrin ke...  | 7.153 | 7.863 | 372.6E6 | 159.9E6  | 51.529   | 52.314     |
| 23)                         | Chlordane-1     | 4.361 | 5.173 | 2265256 | 217.1E6  | 8.430    | 1536.216 # |
| 24)                         | Chlordane-2     | 0.000 | 5.607 | 0       | 214.7E6  | N.D.     | 1496.751 # |
| 25)                         | Chlordane-3     | 5.398 | 6.230 | 409.7E6 | 203.2E6  | 492.972  | 413.759    |
| 26)                         | Chlordane-4     | 5.455 | 6.304 | 397.7E6 | 189.4E6  | 526.014  | 331.795 #  |
| 27)                         | Chlordane-5     | 6.283 | 7.166 | 333.2E6 | 131.7E6  | 1389.289 | 1122.948   |
| -----                       |                 |       |       |         |          |          |            |

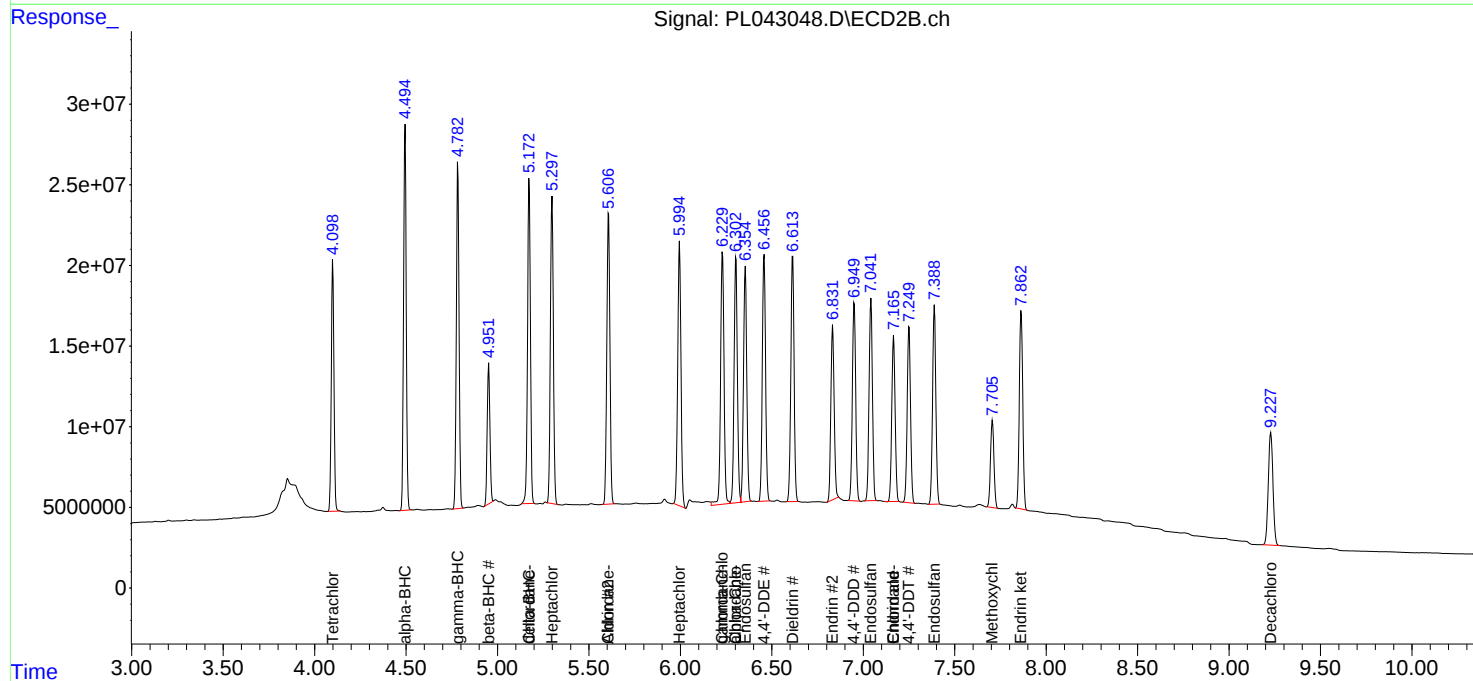
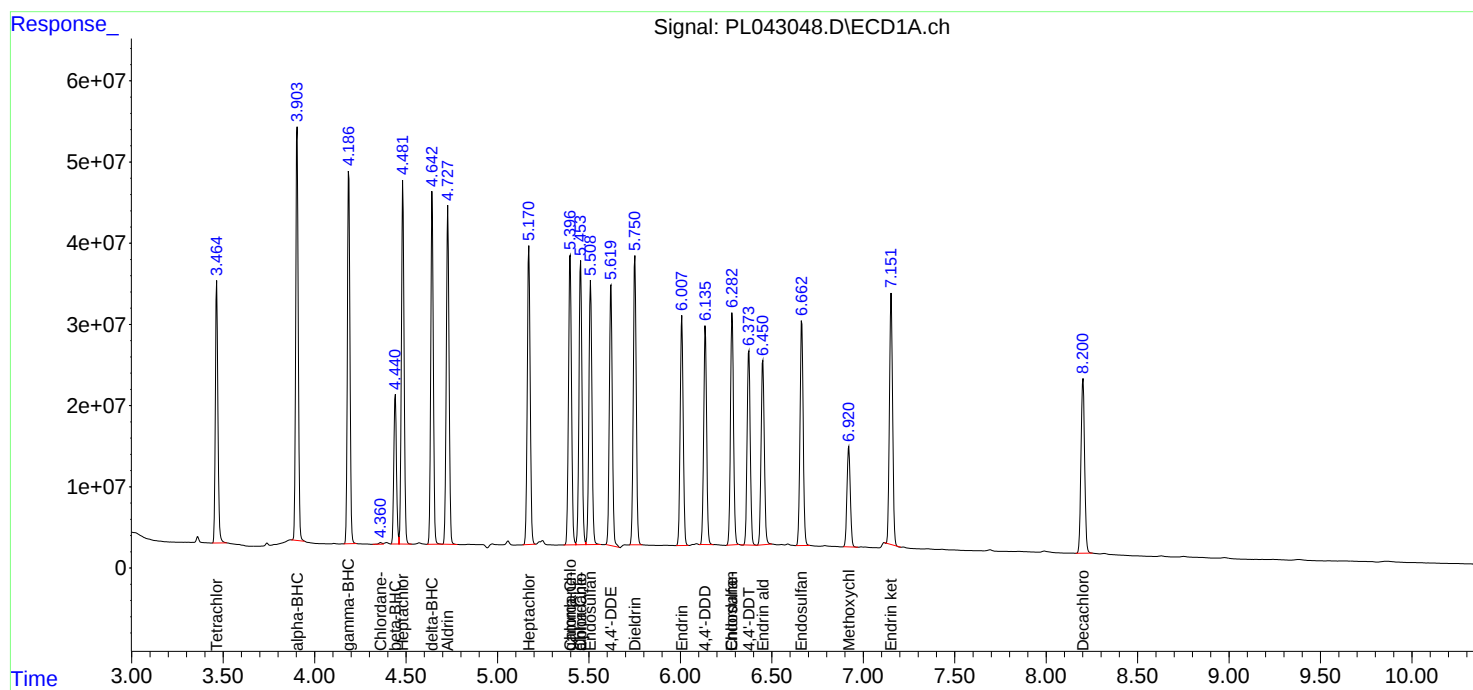
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

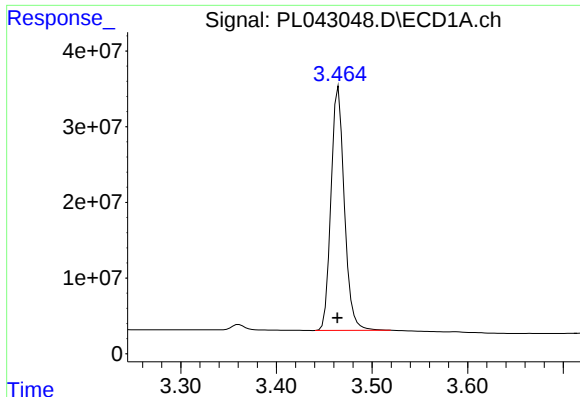
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121218\  
Data File : PL043048.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Dec 2018 22:08  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 13 03:21:40 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 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

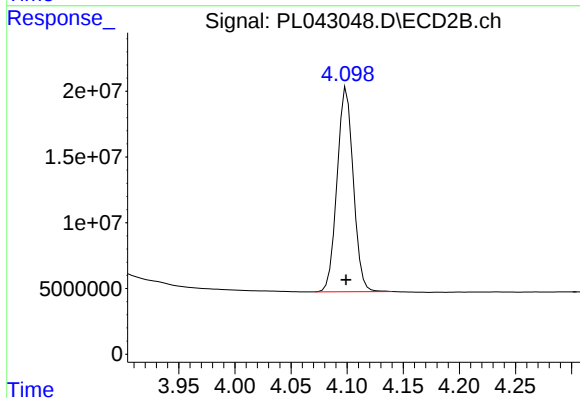




#1 Tetrachloro-m-xylene

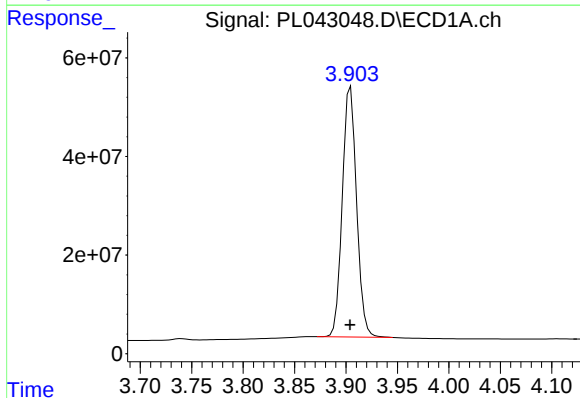
R.T.: 3.465 min  
Delta R.T.: 0.000 min  
Response: 311190269  
Conc: 50.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



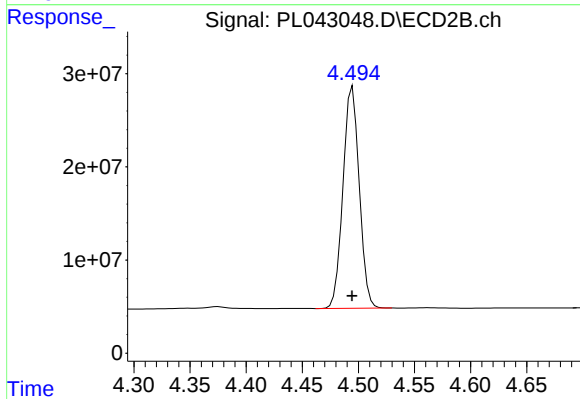
#1 Tetrachloro-m-xylene

R.T.: 4.100 min  
Delta R.T.: 0.000 min  
Response: 156236788  
Conc: 52.71 ng/ml



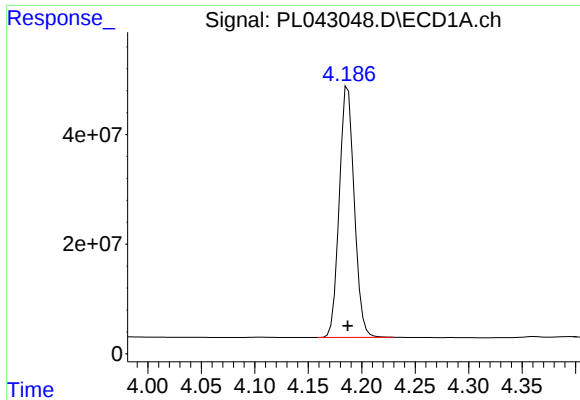
#2 alpha-BHC

R.T.: 3.904 min  
Delta R.T.: 0.000 min  
Response: 489802817  
Conc: 51.81 ng/ml



#2 alpha-BHC

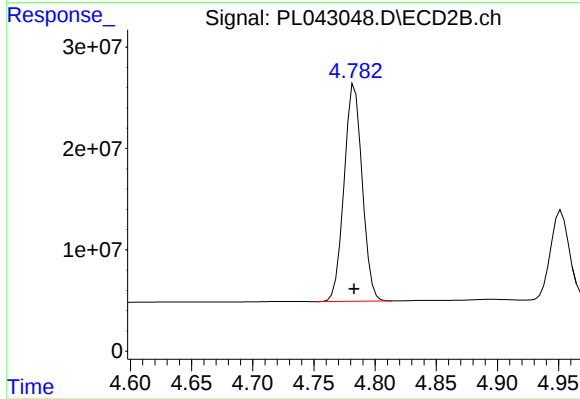
R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 239945442  
Conc: 53.04 ng/ml



#3 gamma-BHC (Lindane)

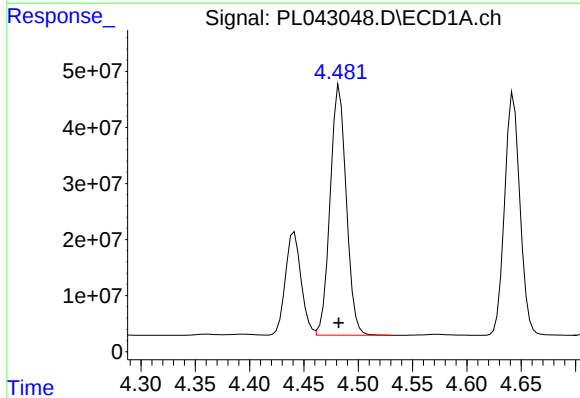
R.T.: 4.187 min  
Delta R.T.: 0.000 min  
Response: 446762523  
Conc: 51.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



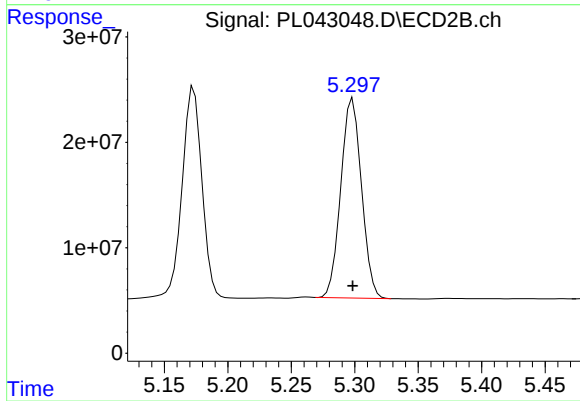
#3 gamma-BHC (Lindane)

R.T.: 4.783 min  
Delta R.T.: 0.000 min  
Response: 220506558  
Conc: 52.57 ng/ml



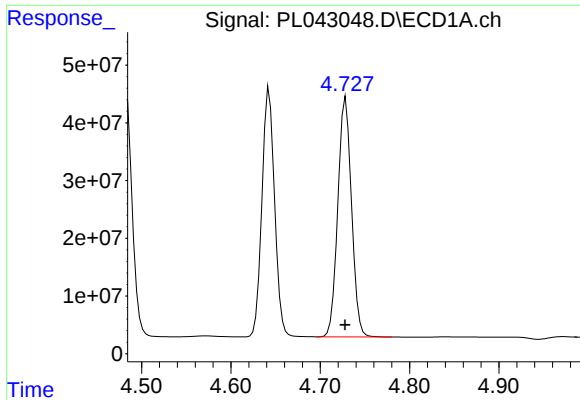
#4 Heptachlor

R.T.: 4.483 min  
Delta R.T.: 0.000 min  
Response: 459680201  
Conc: 51.81 ng/ml



#4 Heptachlor

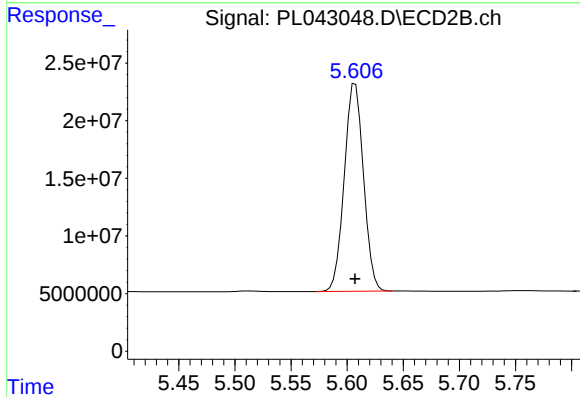
R.T.: 5.298 min  
Delta R.T.: 0.000 min  
Response: 214691849  
Conc: 52.41 ng/ml



#5 Aldrin

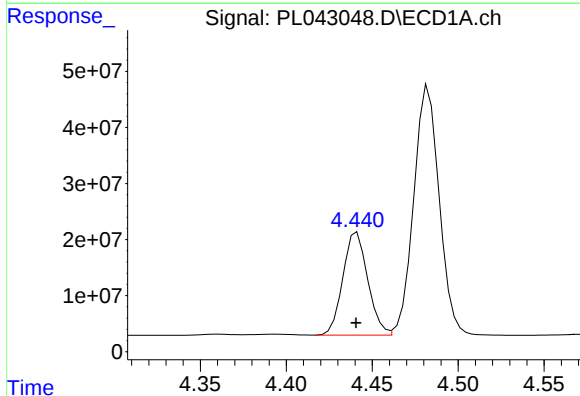
R.T.: 4.729 min  
Delta R.T.: 0.000 min  
Response: 440578277  
Conc: 51.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



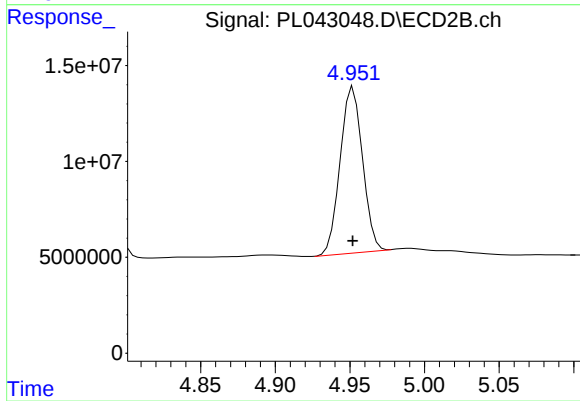
#5 Aldrin

R.T.: 5.607 min  
Delta R.T.: 0.000 min  
Response: 214696724  
Conc: 52.60 ng/ml



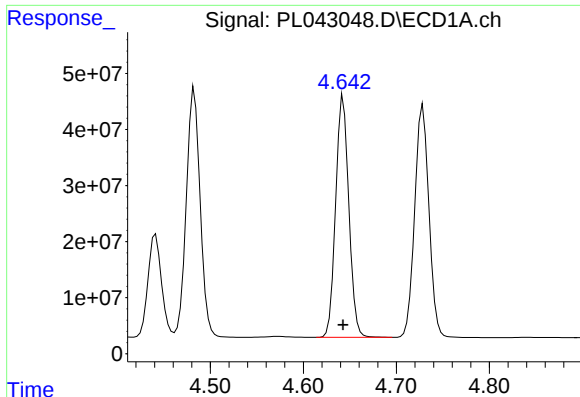
#6 beta-BHC

R.T.: 4.441 min  
Delta R.T.: 0.000 min  
Response: 184760296  
Conc: 50.09 ng/ml



#6 beta-BHC

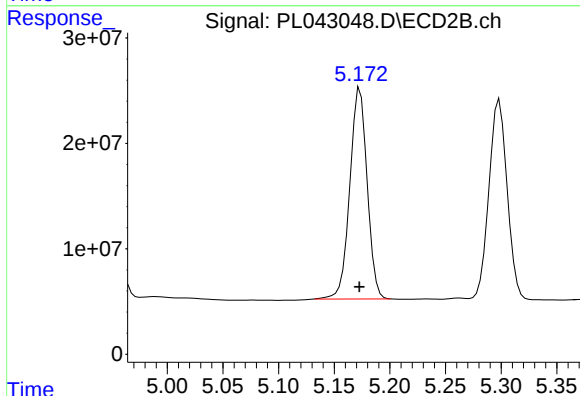
R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 90677872  
Conc: 53.56 ng/ml



#7 delta-BHC

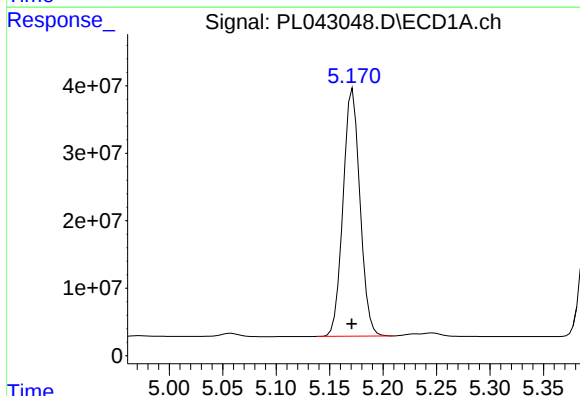
R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 424272073  
Conc: 52.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



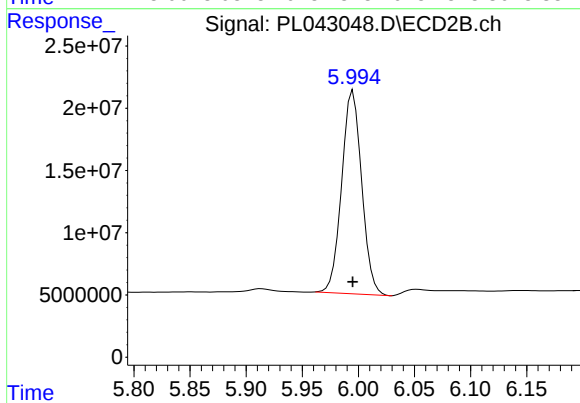
#7 delta-BHC

R.T.: 5.173 min  
Delta R.T.: 0.000 min  
Response: 217118064  
Conc: 50.52 ng/ml



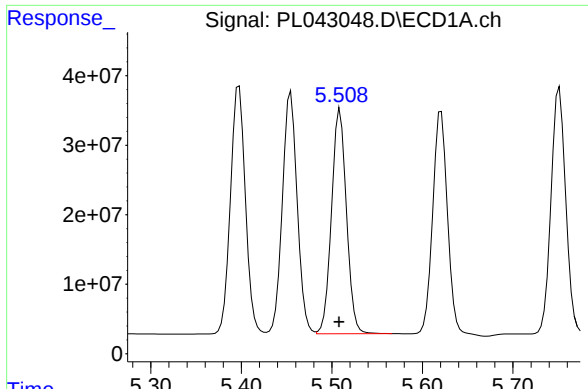
#8 Heptachlor epoxide

R.T.: 5.172 min  
Delta R.T.: 0.000 min  
Response: 404428168  
Conc: 51.02 ng/ml



#8 Heptachlor epoxide

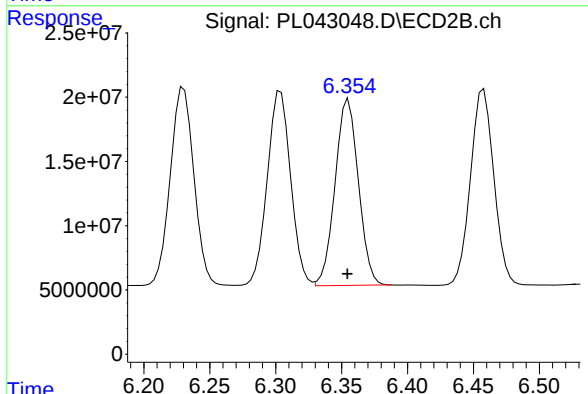
R.T.: 5.995 min  
Delta R.T.: 0.000 min  
Response: 201922998  
Conc: 53.25 ng/ml



#9 Endosulfan I

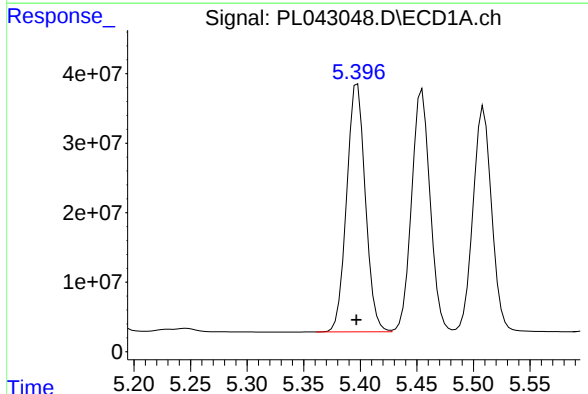
R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 371003384  
Conc: 50.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



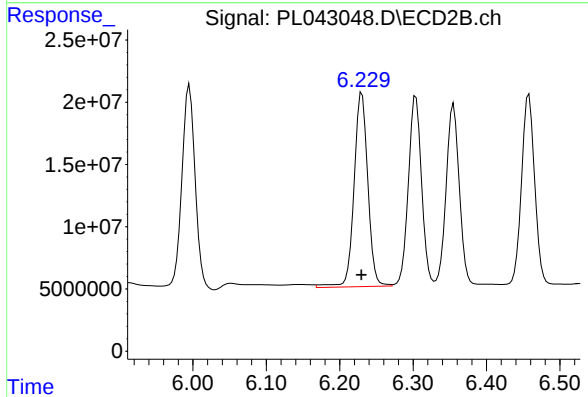
#9 Endosulfan I

R.T.: 6.355 min  
Delta R.T.: 0.000 min  
Response: 178924350  
Conc: 52.70 ng/ml



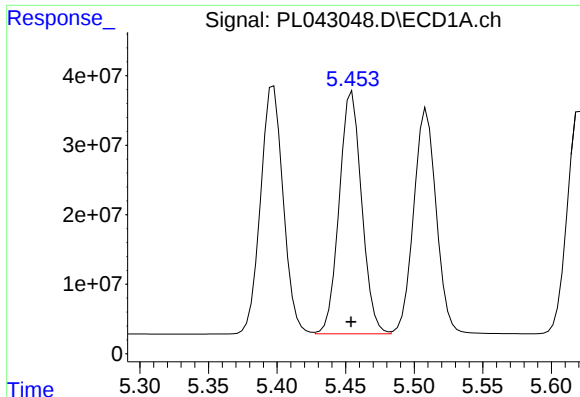
#10 gamma-Chlordane

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 409680363  
Conc: 50.82 ng/ml



#10 gamma-Chlordane

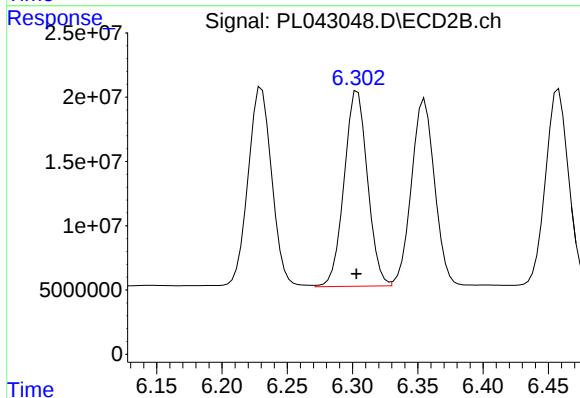
R.T.: 6.230 min  
Delta R.T.: 0.000 min  
Response: 203186293  
Conc: 55.31 ng/ml



#11 alpha-Chlordane

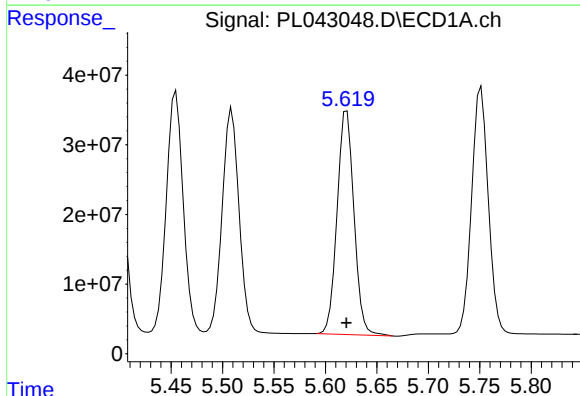
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 397718213  
Conc: 50.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



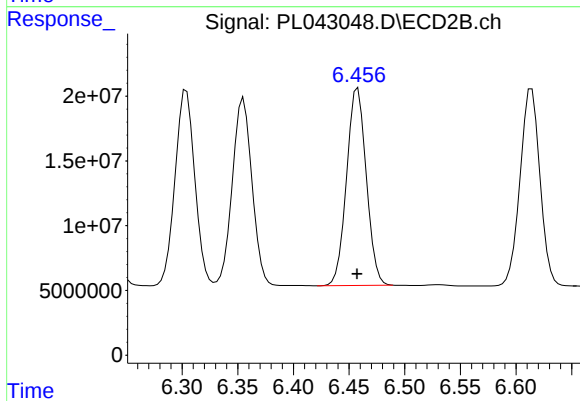
#11 alpha-Chlordane

R.T.: 6.304 min  
Delta R.T.: 0.000 min  
Response: 189371561  
Conc: 52.66 ng/ml



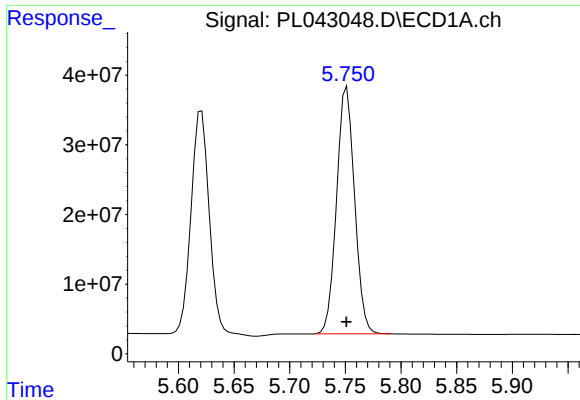
#12 4,4'-DDE

R.T.: 5.621 min  
Delta R.T.: 0.000 min  
Response: 366659454  
Conc: 52.96 ng/ml



#12 4,4'-DDE

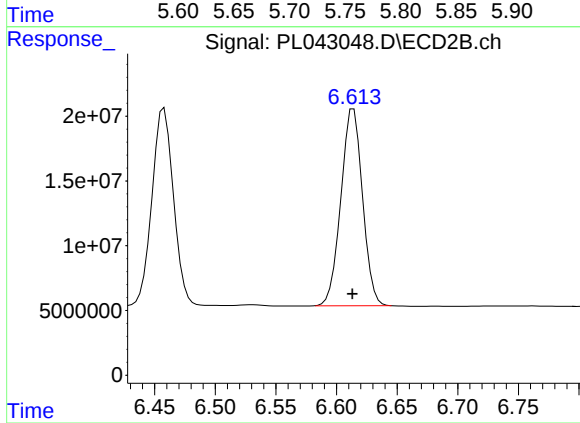
R.T.: 6.458 min  
Delta R.T.: 0.000 min  
Response: 187686850  
Conc: 51.79 ng/ml



#13 Dieldrin

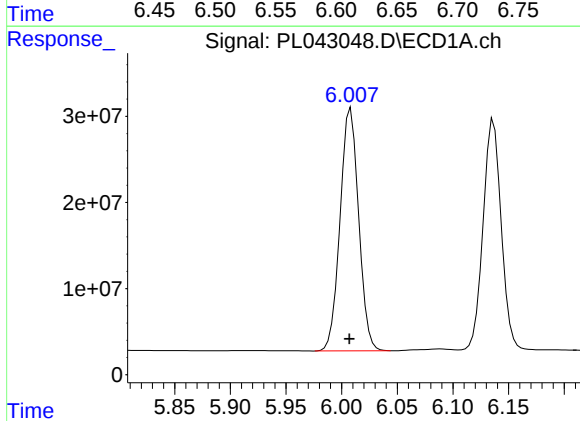
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 399312389  
Conc: 51.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



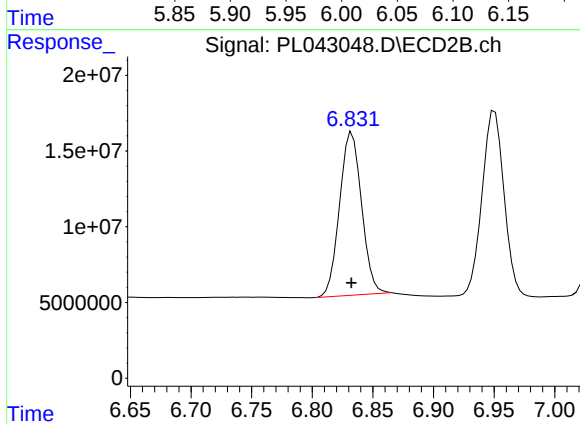
#13 Dieldrin

R.T.: 6.614 min  
Delta R.T.: 0.001 min  
Response: 188818826  
Conc: 52.08 ng/ml



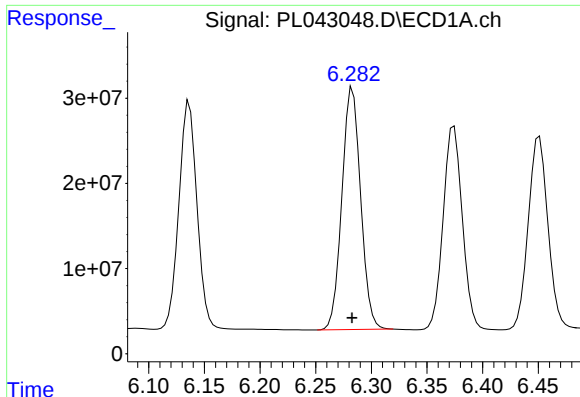
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: 0.001 min  
Response: 327291209  
Conc: 45.45 ng/ml



#14 Endrin

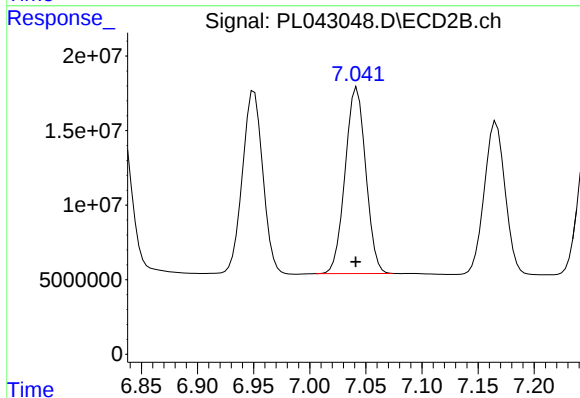
R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 136189894  
Conc: 43.62 ng/ml



#15 Endosulfan II

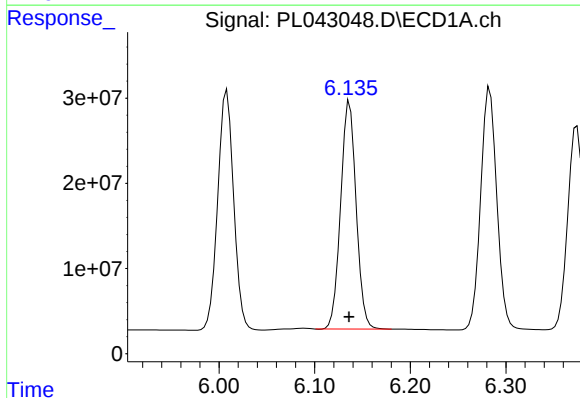
R.T.: 6.283 min  
Delta R.T.: 0.000 min  
Response: 333227792  
Conc: 50.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



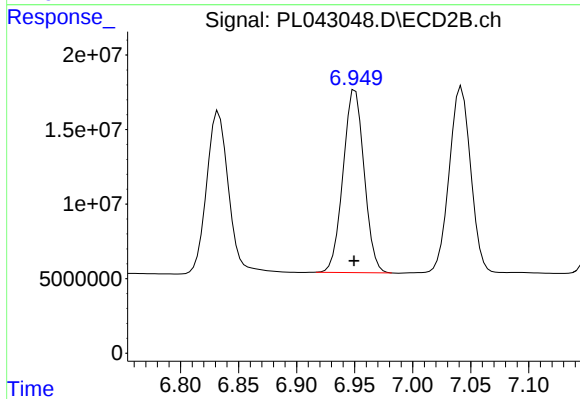
#15 Endosulfan II

R.T.: 7.042 min  
Delta R.T.: 0.001 min  
Response: 159536605  
Conc: 52.69 ng/ml



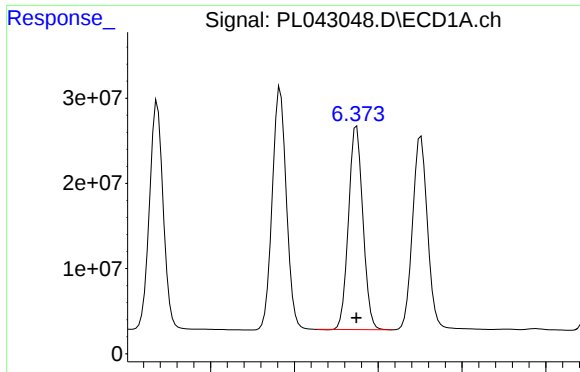
#16 4,4'-DDD

R.T.: 6.137 min  
Delta R.T.: 0.000 min  
Response: 302330901  
Conc: 53.31 ng/ml



#16 4,4'-DDD

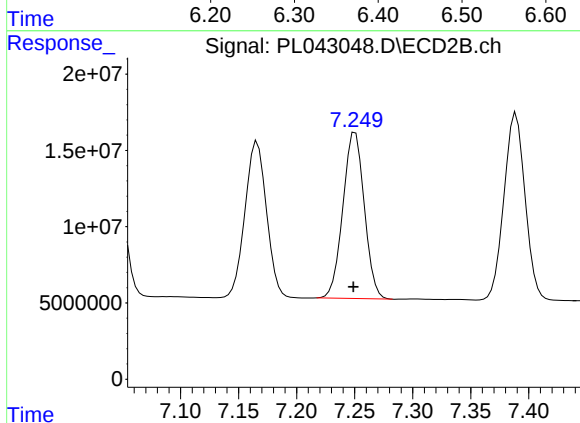
R.T.: 6.951 min  
Delta R.T.: 0.001 min  
Response: 154746097  
Conc: 52.77 ng/ml



#17 4,4'-DDT

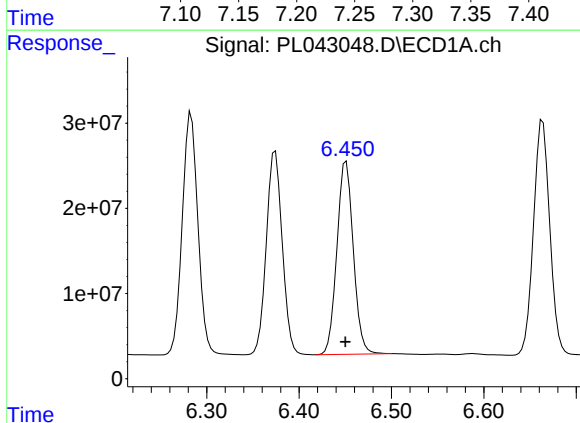
R.T.: 6.374 min  
Delta R.T.: 0.000 min  
Response: 285391116  
Conc: 47.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



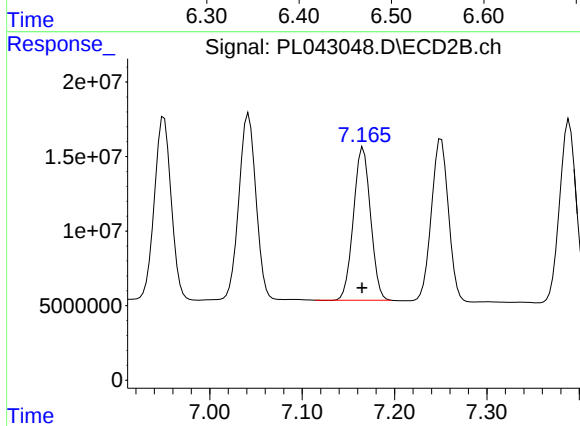
#17 4,4'-DDT

R.T.: 7.251 min  
Delta R.T.: 0.001 min  
Response: 139765901  
Conc: 47.59 ng/ml



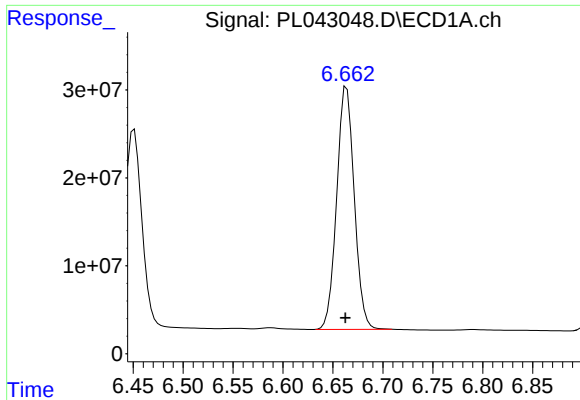
#18 Endrin aldehyde

R.T.: 6.451 min  
Delta R.T.: 0.000 min  
Response: 280017524  
Conc: 50.81 ng/ml



#18 Endrin aldehyde

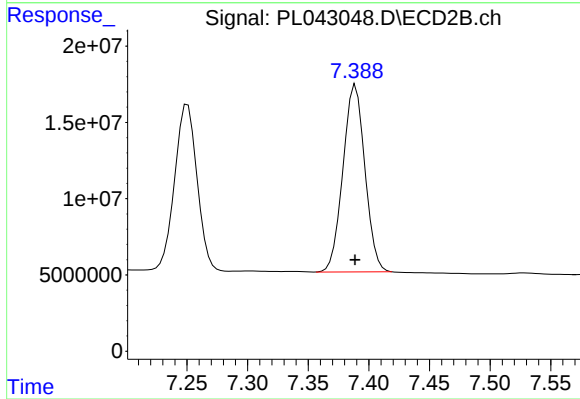
R.T.: 7.166 min  
Delta R.T.: 0.001 min  
Response: 131653343  
Conc: 52.49 ng/ml



#19 Endosulfan Sulfate

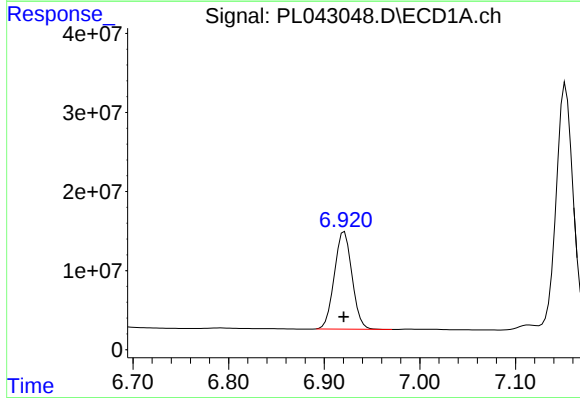
R.T.: 6.664 min  
Delta R.T.: 0.001 min  
Response: 338322803  
Conc: 50.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



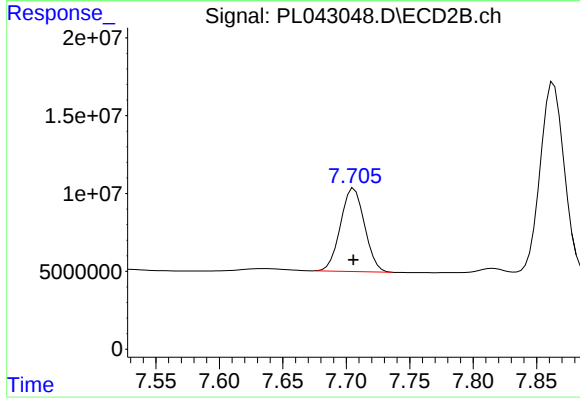
#19 Endosulfan Sulfate

R.T.: 7.389 min  
Delta R.T.: 0.000 min  
Response: 154626498  
Conc: 51.43 ng/ml



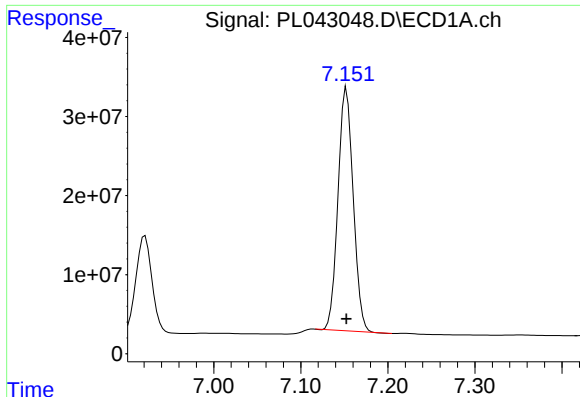
#20 Methoxychlor

R.T.: 6.921 min  
Delta R.T.: 0.000 min  
Response: 158065771  
Conc: 47.11 ng/ml



#20 Methoxychlor

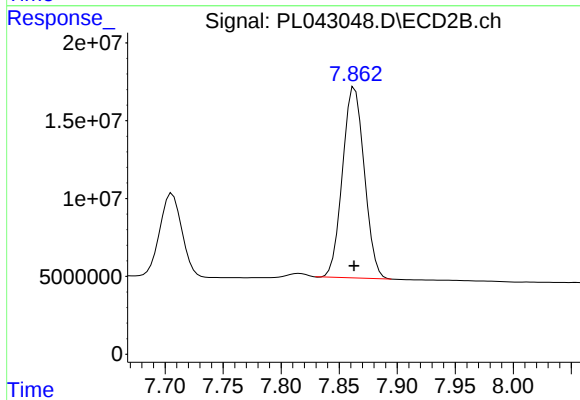
R.T.: 7.706 min  
Delta R.T.: 0.000 min  
Response: 70318300  
Conc: 46.62 ng/ml



#21 Endrin ketone

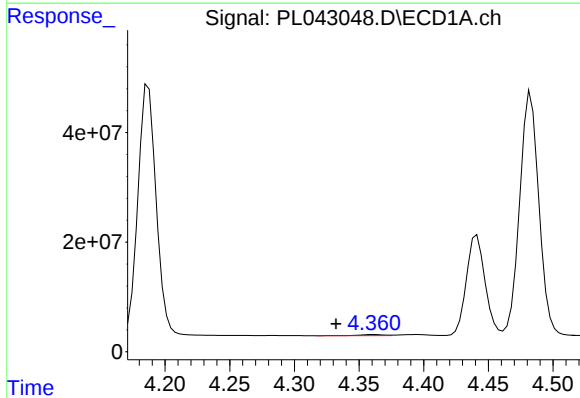
R.T.: 7.153 min  
Delta R.T.: 0.000 min  
Response: 372587744  
Conc: 51.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



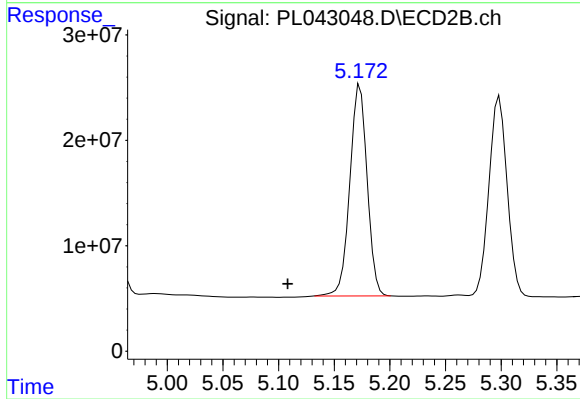
#21 Endrin ketone

R.T.: 7.863 min  
Delta R.T.: 0.000 min  
Response: 159902413  
Conc: 52.31 ng/ml



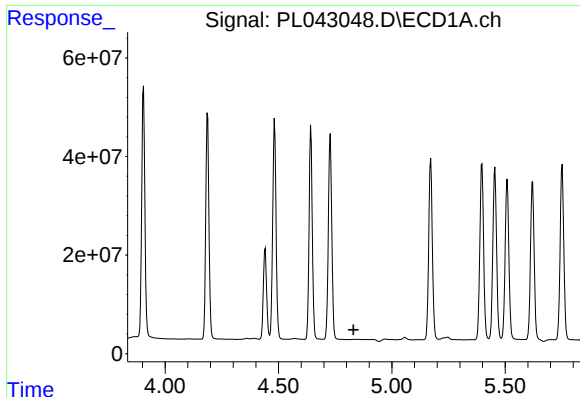
#23 Chlordane-1

R.T.: 4.361 min  
Delta R.T.: 0.029 min  
Response: 2265256  
Conc: 8.43 ng/ml



#23 Chlordane-1

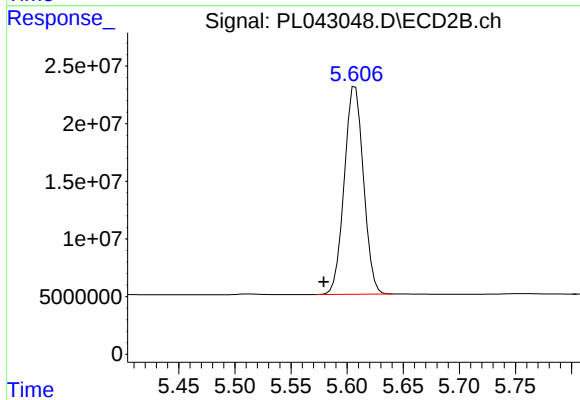
R.T.: 5.173 min  
Delta R.T.: 0.065 min  
Response: 217118064  
Conc: 1536.22 ng/ml



#24 Chlordane-2

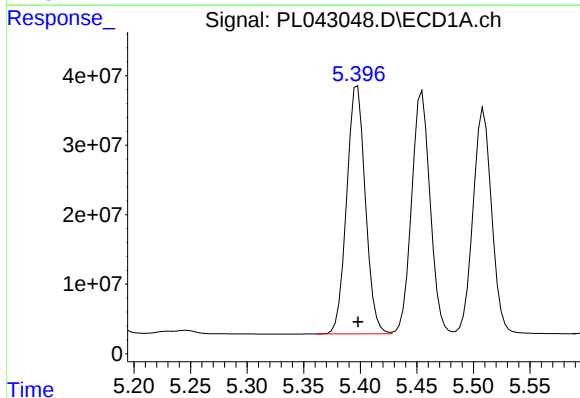
R.T.: 0.000 min  
Exp R.T.: 4.832 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



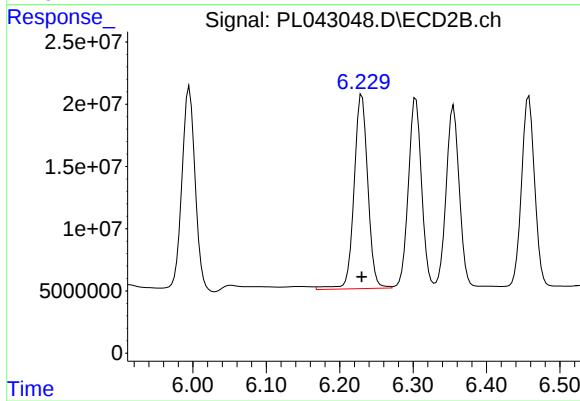
#24 Chlordane-2

R.T.: 5.607 min  
Delta R.T.: 0.028 min  
Response: 214696724  
Conc: 1496.75 ng/ml



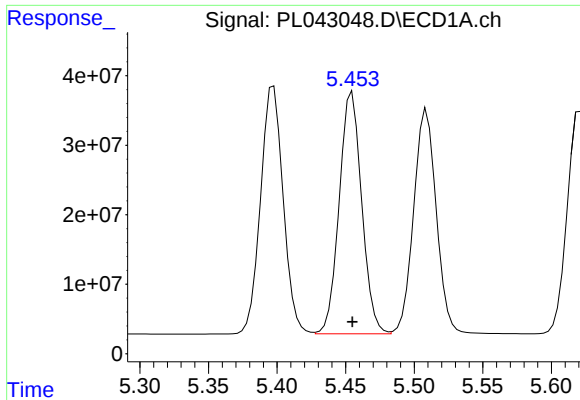
#25 Chlordane-3

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 409680363  
Conc: 492.97 ng/ml



#25 Chlordane-3

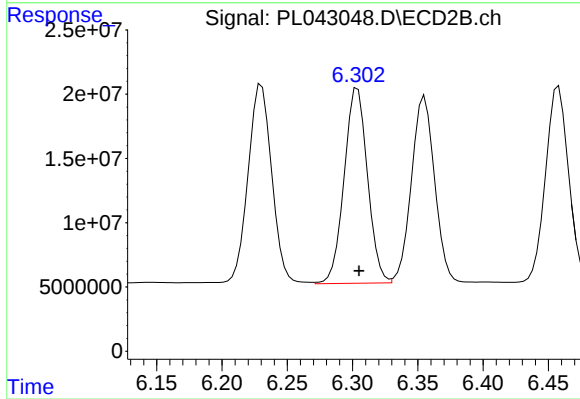
R.T.: 6.230 min  
Delta R.T.: 0.000 min  
Response: 203186293  
Conc: 413.76 ng/ml



#26 Chlordane-4

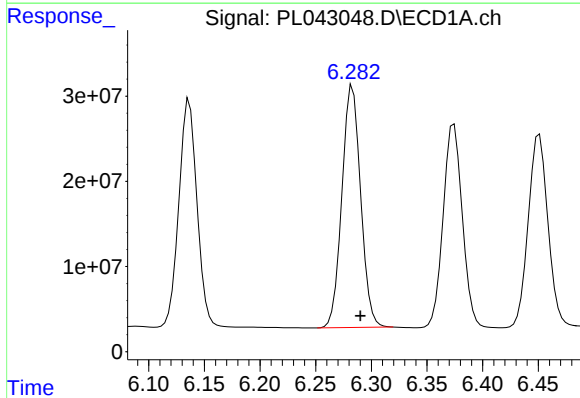
R.T.: 5.455 min  
Delta R.T.: 0.000 min  
Response: 397718213  
Conc: 526.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



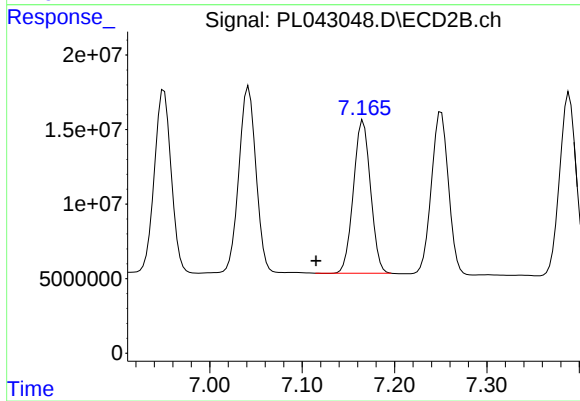
#26 Chlordane-4

R.T.: 6.304 min  
Delta R.T.: -0.001 min  
Response: 189371561  
Conc: 331.79 ng/ml



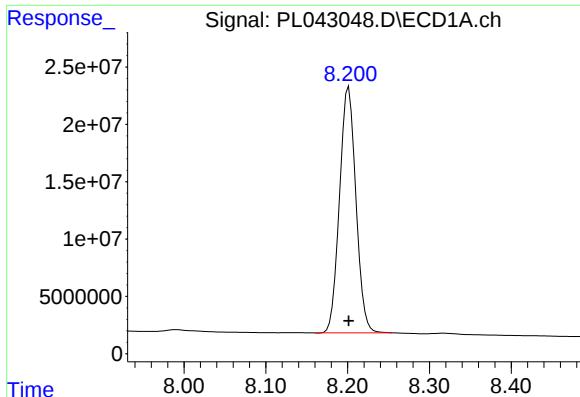
#27 Chlordane-5

R.T.: 6.283 min  
Delta R.T.: -0.007 min  
Response: 333227792  
Conc: 1389.29 ng/ml



#27 Chlordane-5

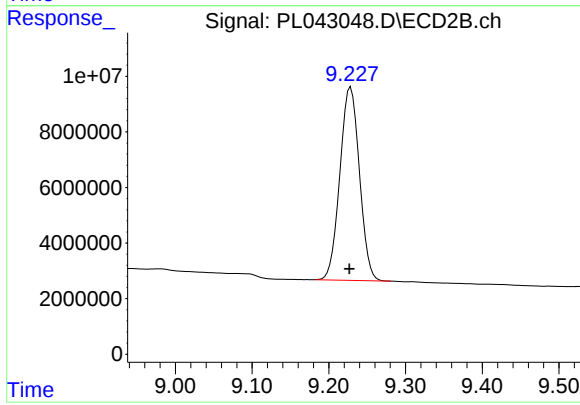
R.T.: 7.166 min  
Delta R.T.: 0.051 min  
Response: 131653343  
Conc: 1122.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.202 min  
Delta R.T.: 0.000 min  
Response: 297368395  
Conc: 45.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.229 min  
Delta R.T.: 0.002 min  
Response: 123463245  
Conc: 47.33 ng/ml