

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010319\  
 Data File : PL043557.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jan 2019 16:43  
 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: Jan 04 06:45:39 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010319.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 04 06:12:42 2019  
 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... | 3.463 | 4.099 | 318.7E6 | 149.3E6  | 49.886   | 51.095     |
| 28)                         | SA Decachlor... | 8.198 | 9.229 | 236.6E6 | 114.2E6  | 46.946   | 51.664     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.903 | 4.495 | 492.1E6 | 225.0E6  | 50.875   | 53.233     |
| 3)                          | MA gamma-BHC... | 4.186 | 4.784 | 447.1E6 | 208.7E6  | 51.189   | 52.432     |
| 4)                          | MA Heptachlor   | 4.481 | 5.299 | 453.8E6 | 199.4E6  | 50.789   | 50.915     |
| 5)                          | MB Aldrin       | 4.726 | 5.608 | 426.1E6 | 193.9E6  | 51.937   | 51.366     |
| 6)                          | B beta-BHC      | 4.440 | 4.953 | 182.5E6 | 87602369 | 49.872   | 52.305     |
| 7)                          | B delta-BHC     | 4.641 | 5.174 | 416.3E6 | 200.5E6  | 52.298   | 47.414     |
| 8)                          | B Heptachlo...  | 5.169 | 5.996 | 388.1E6 | 180.1E6  | 50.466   | 49.265     |
| 9)                          | A Endosulfan I  | 5.506 | 6.356 | 351.6E6 | 153.6E6  | 49.482   | 52.137     |
| 10)                         | B gamma-Chl...  | 5.395 | 6.231 | 394.1E6 | 166.7E6  | 50.248   | 51.712     |
| 11)                         | B alpha-Chl...  | 5.452 | 6.304 | 382.5E6 | 162.2E6  | 49.649   | 51.865     |
| 12)                         | B 4,4'-DDE      | 5.619 | 6.458 | 348.7E6 | 165.8E6  | 52.428   | 50.832     |
| 13)                         | MA Dieldrin     | 5.749 | 6.614 | 377.8E6 | 155.6E6  | 53.237   | 48.450     |
| 14)                         | MA Endrin       | 6.006 | 6.834 | 317.0E6 | 125.6E6  | 51.896   | 49.710     |
| 15)                         | B Endosulfa...  | 6.281 | 7.042 | 297.2E6 | 134.2E6  | 50.839   | 51.984     |
| 16)                         | A 4,4'-DDD      | 6.134 | 6.951 | 283.7E6 | 129.3E6  | 53.560   | 52.251     |
| 17)                         | MA 4,4'-DDT     | 6.373 | 7.251 | 274.8E6 | 119.5E6  | 54.452   | 53.509     |
| 18)                         | B Endrin al...  | 6.448 | 7.167 | 259.2E6 | 110.8E6  | 51.559   | 52.081     |
| 19)                         | B Endosulfa...  | 6.662 | 7.390 | 294.2E6 | 131.9E6  | 47.343   | 52.516     |
| 20)                         | A Methoxychlor  | 6.918 | 7.707 | 147.6E6 | 60690785 | 53.444   | 53.901     |
| 21)                         | B Endrin ke...  | 7.150 | 7.865 | 351.3E6 | 132.4E6  | 54.168   | 53.152     |
| 23)                         | Chlordane-1     | 4.359 | 5.174 | 2122072 | 200.5E6  | 7.884    | 1498.820 # |
| 24)                         | Chlordane-2     | 0.000 | 5.608 | 0       | 193.9E6  | N.D.     | 1570.195 # |
| 25)                         | Chlordane-3     | 5.395 | 6.231 | 394.1E6 | 166.7E6  | 467.929  | 384.885    |
| 26)                         | Chlordane-4     | 5.452 | 6.304 | 382.5E6 | 162.2E6  | 513.712  | 323.184 #  |
| 27)                         | Chlordane-5     | 6.281 | 7.167 | 297.2E6 | 110.8E6  | 1401.454 | 1203.260   |
| -----                       |                 |       |       |         |          |          |            |

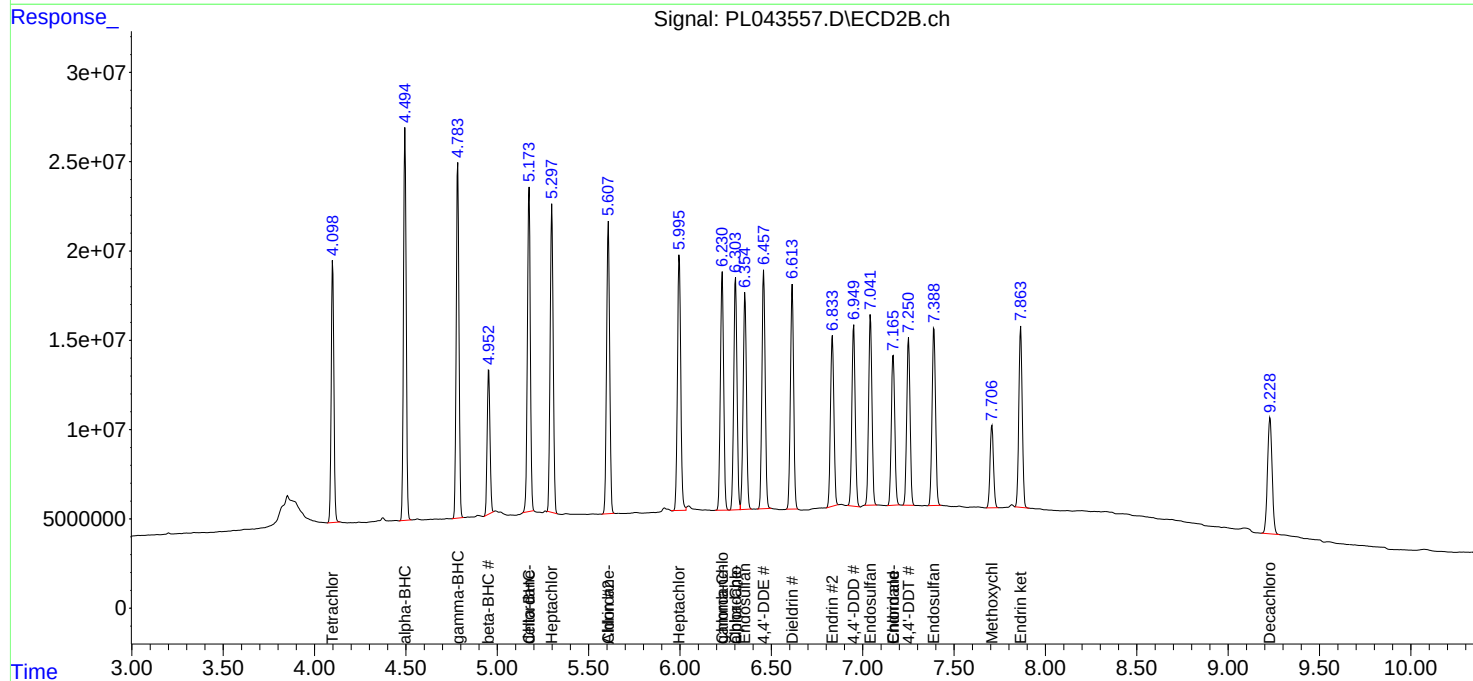
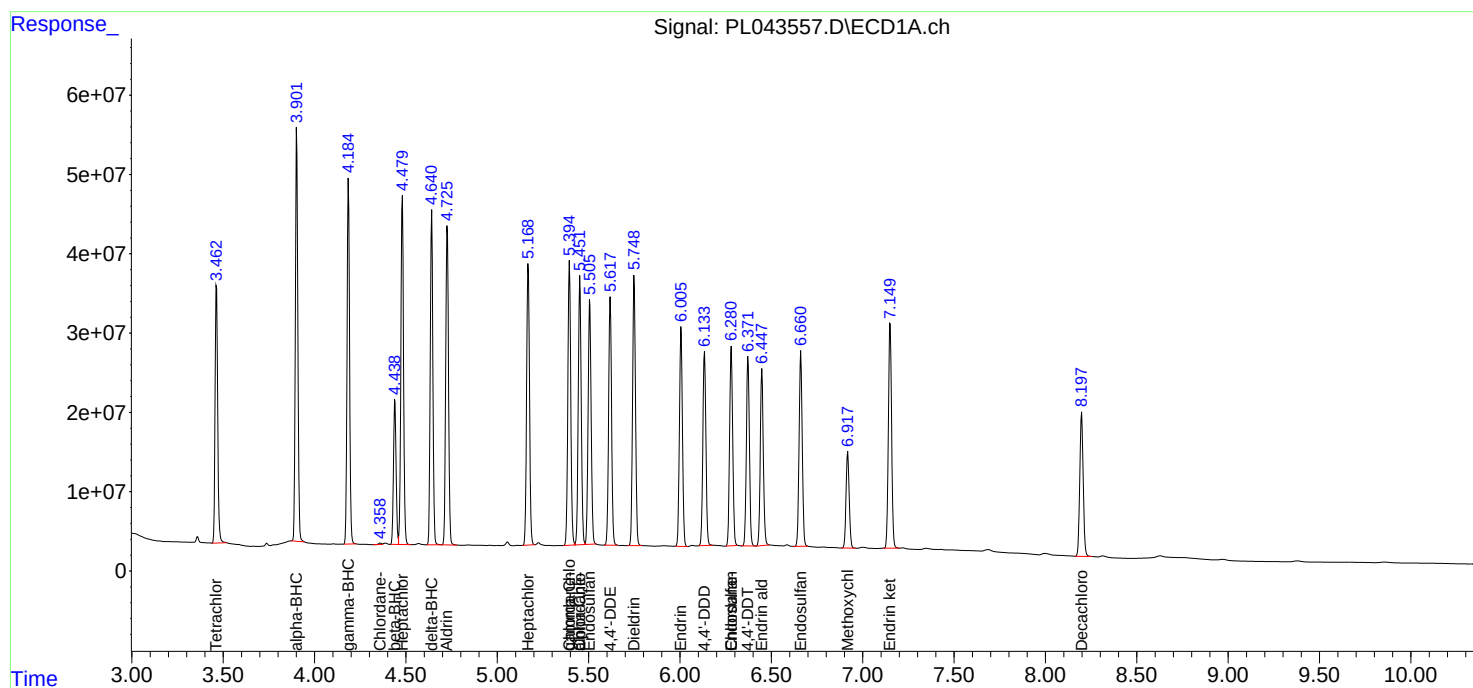
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

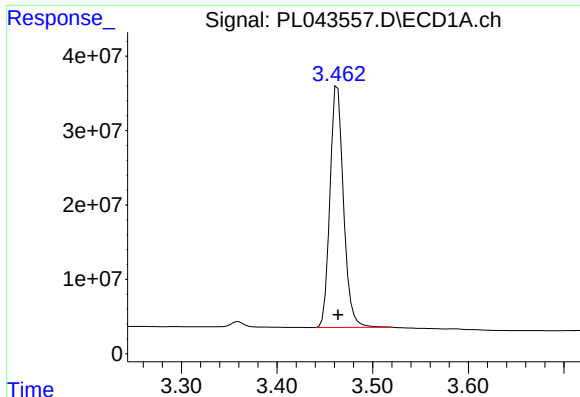
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010319\  
Data File : PL043557.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jan 2019 16:43  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 04 06:45:39 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010319.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 04 06:12:42 2019  
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

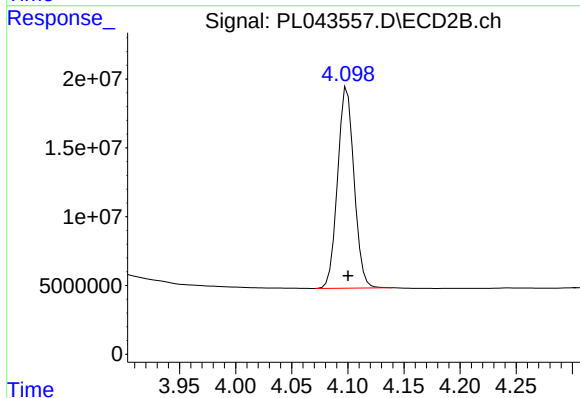




#1 Tetrachloro-m-xylene

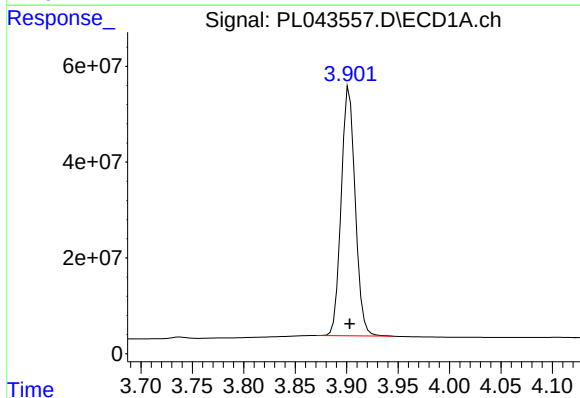
R.T.: 3.463 min  
Delta R.T.: 0.000 min  
Response: 318728577  
Conc: 49.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



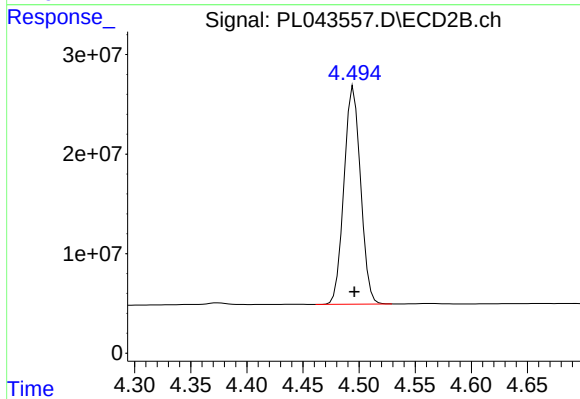
#1 Tetrachloro-m-xylene

R.T.: 4.099 min  
Delta R.T.: 0.000 min  
Response: 149291731  
Conc: 51.10 ng/ml



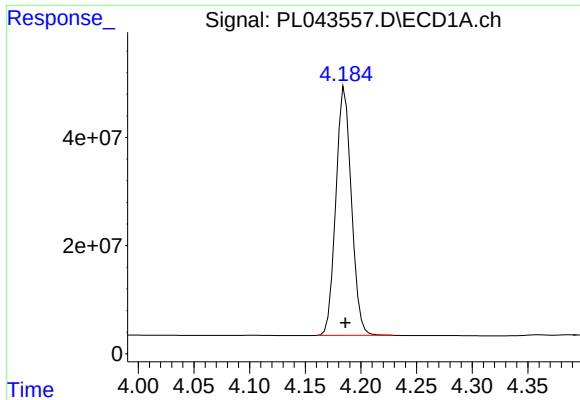
#2 alpha-BHC

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 492102822  
Conc: 50.88 ng/ml



#2 alpha-BHC

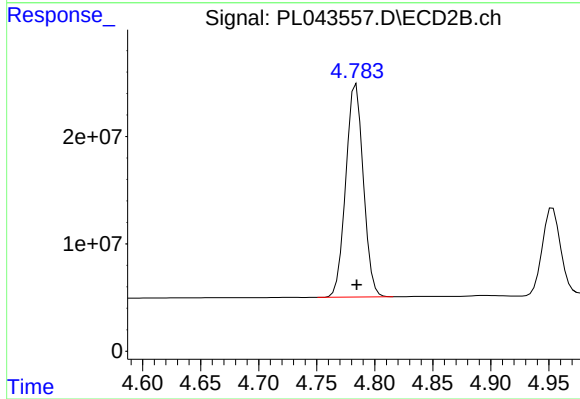
R.T.: 4.495 min  
Delta R.T.: 0.000 min  
Response: 224992277  
Conc: 53.23 ng/ml



#3 gamma-BHC (Lindane)

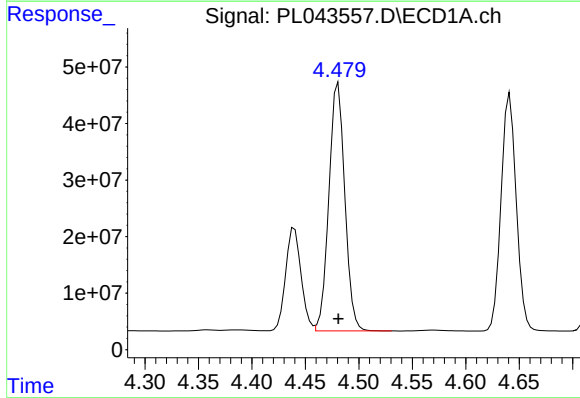
R.T.: 4.186 min  
Delta R.T.: 0.000 min  
Response: 447059687  
Conc: 51.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



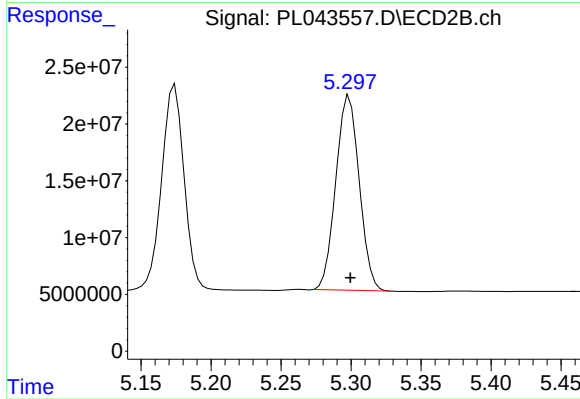
#3 gamma-BHC (Lindane)

R.T.: 4.784 min  
Delta R.T.: 0.000 min  
Response: 208672806  
Conc: 52.43 ng/ml



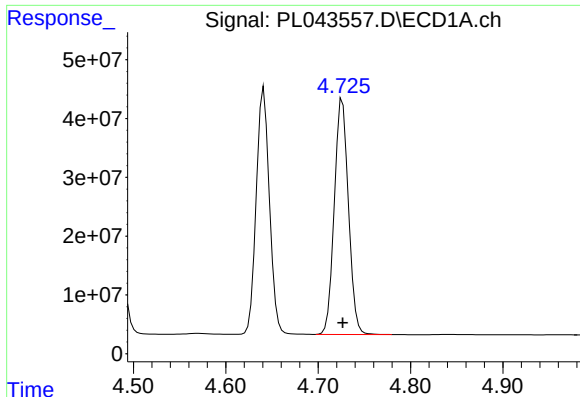
#4 Heptachlor

R.T.: 4.481 min  
Delta R.T.: 0.000 min  
Response: 453780089  
Conc: 50.79 ng/ml



#4 Heptachlor

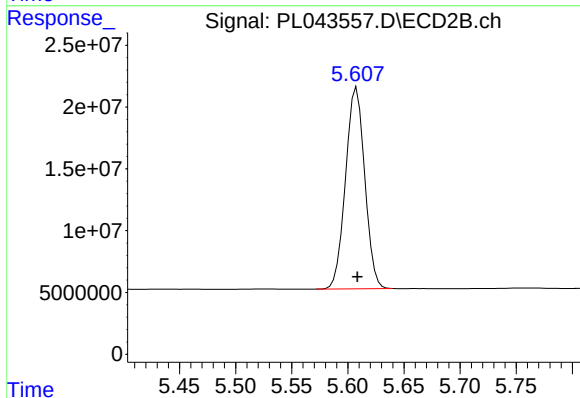
R.T.: 5.299 min  
Delta R.T.: 0.000 min  
Response: 199379446  
Conc: 50.92 ng/ml



#5 Aldrin

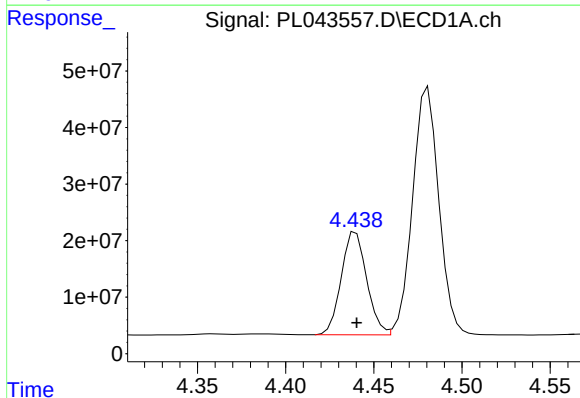
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 426129465  
Conc: 51.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



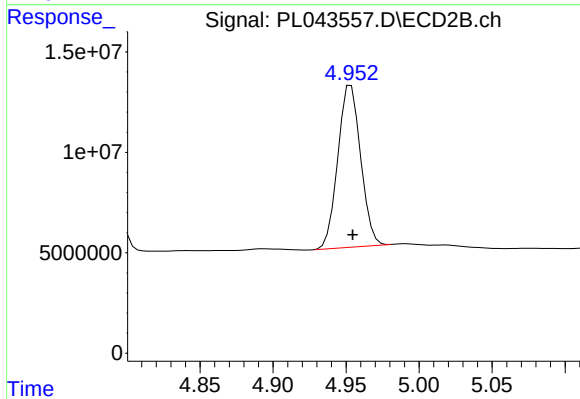
#5 Aldrin

R.T.: 5.608 min  
Delta R.T.: 0.000 min  
Response: 193891907  
Conc: 51.37 ng/ml



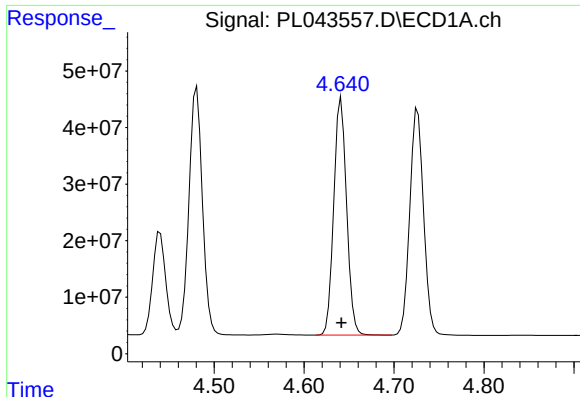
#6 beta-BHC

R.T.: 4.440 min  
Delta R.T.: 0.000 min  
Response: 182477247  
Conc: 49.87 ng/ml



#6 beta-BHC

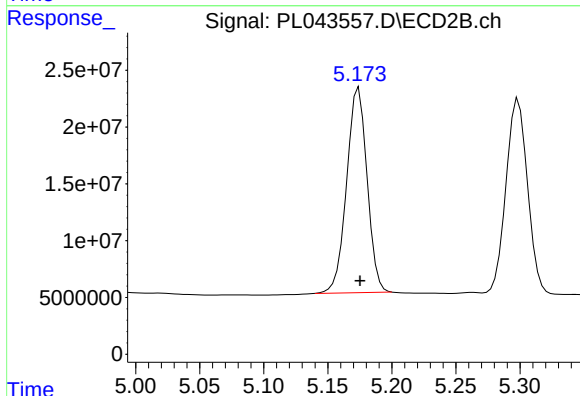
R.T.: 4.953 min  
Delta R.T.: -0.001 min  
Response: 87602369  
Conc: 52.31 ng/ml



#7 delta-BHC

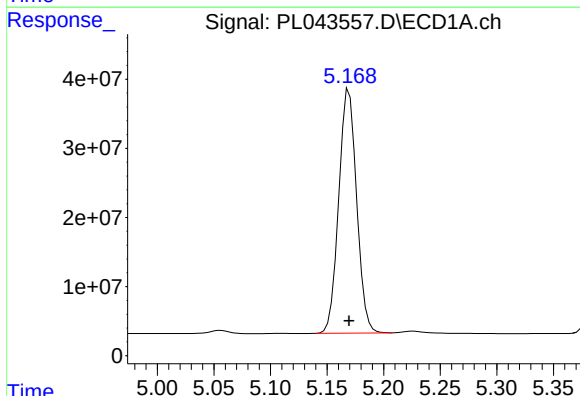
R.T.: 4.641 min  
Delta R.T.: 0.000 min  
Response: 416289724  
Conc: 52.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



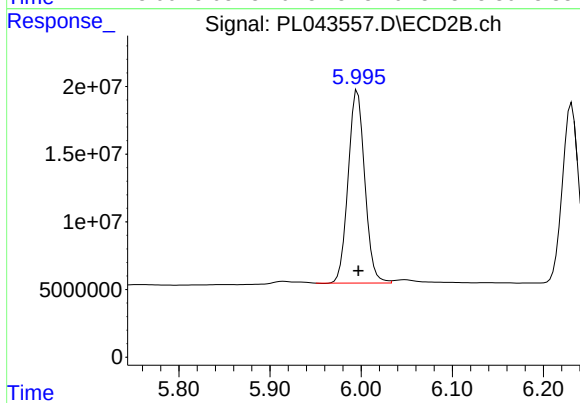
#7 delta-BHC

R.T.: 5.174 min  
Delta R.T.: 0.000 min  
Response: 200504488  
Conc: 47.41 ng/ml



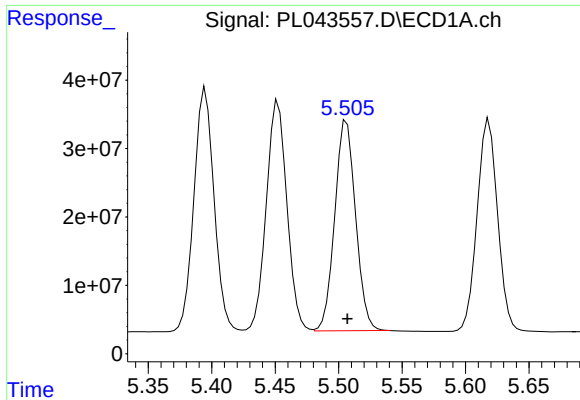
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 388085310  
Conc: 50.47 ng/ml



#8 Heptachlor epoxide

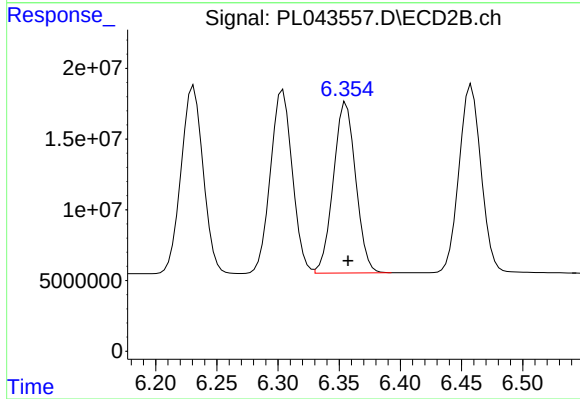
R.T.: 5.996 min  
Delta R.T.: 0.000 min  
Response: 180097806  
Conc: 49.26 ng/ml



#9 Endosulfan I

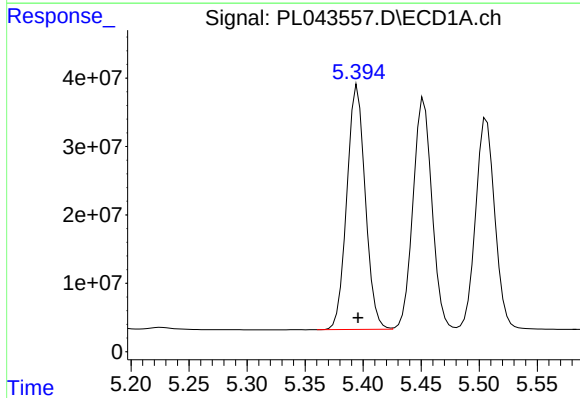
R.T.: 5.506 min  
Delta R.T.: 0.000 min  
Response: 351598357  
Conc: 49.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



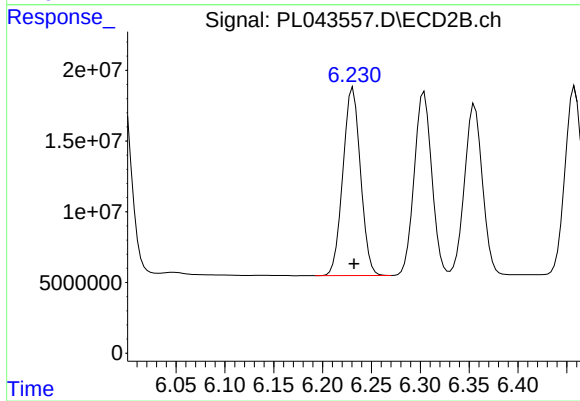
#9 Endosulfan I

R.T.: 6.356 min  
Delta R.T.: -0.001 min  
Response: 153592106  
Conc: 52.14 ng/ml



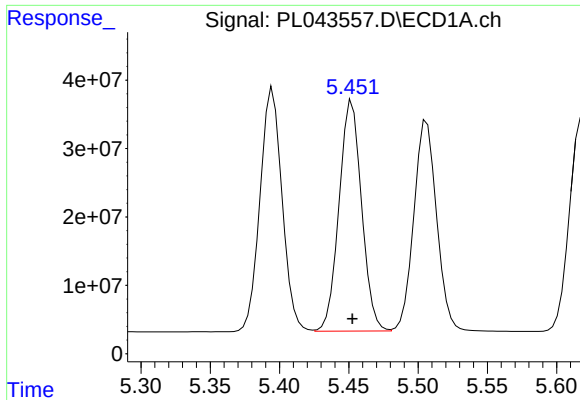
#10 gamma-Chlordane

R.T.: 5.395 min  
Delta R.T.: 0.000 min  
Response: 394052580  
Conc: 50.25 ng/ml



#10 gamma-Chlordane

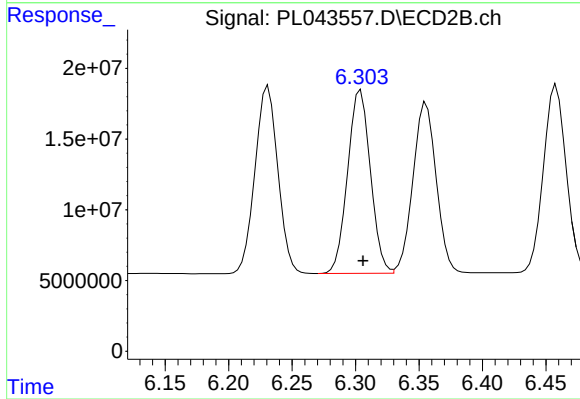
R.T.: 6.231 min  
Delta R.T.: -0.001 min  
Response: 166658527  
Conc: 51.71 ng/ml



#11 alpha-Chlordane

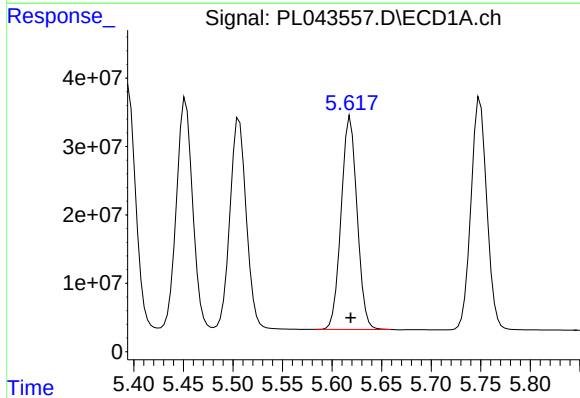
R.T.: 5.452 min  
Delta R.T.: 0.000 min  
Response: 382450134  
Conc: 49.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



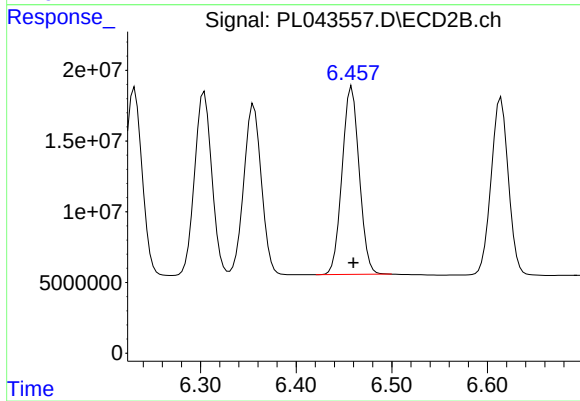
#11 alpha-Chlordane

R.T.: 6.304 min  
Delta R.T.: -0.002 min  
Response: 162198246  
Conc: 51.86 ng/ml



#12 4,4'-DDE

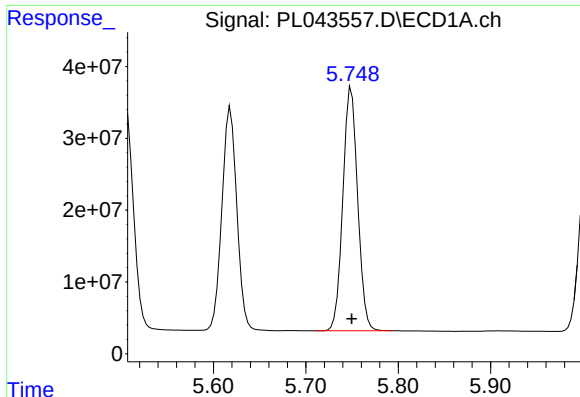
R.T.: 5.619 min  
Delta R.T.: 0.000 min  
Response: 348717934  
Conc: 52.43 ng/ml



#12 4,4'-DDE

R.T.: 6.458 min  
Delta R.T.: -0.002 min  
Response: 165750846  
Conc: 50.83 ng/ml

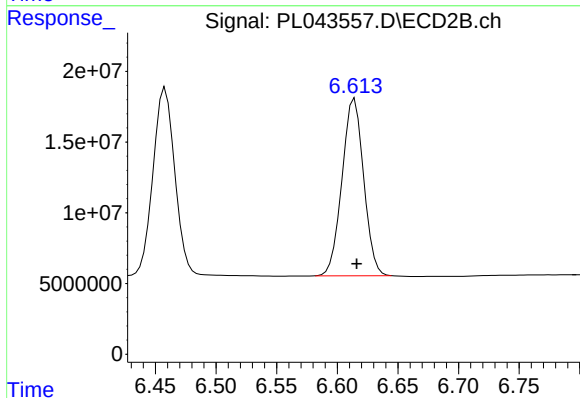




#13 Dieldrin

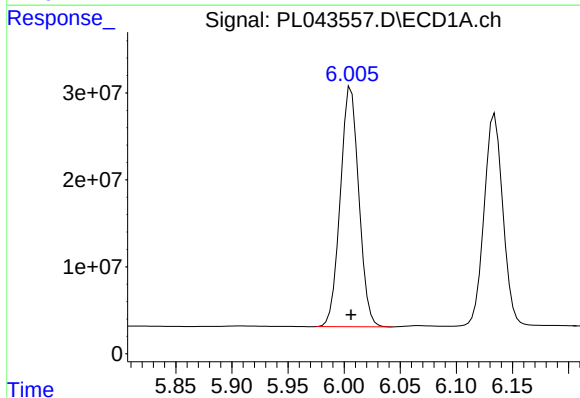
R.T.: 5.749 min  
Delta R.T.: 0.000 min  
Response: 377826849  
Conc: 53.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



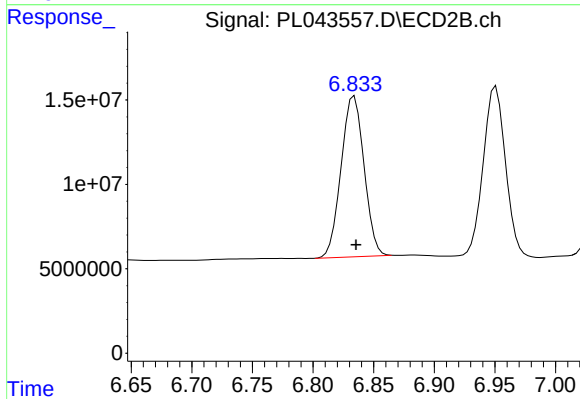
#13 Dieldrin

R.T.: 6.614 min  
Delta R.T.: -0.002 min  
Response: 155608437  
Conc: 48.45 ng/ml



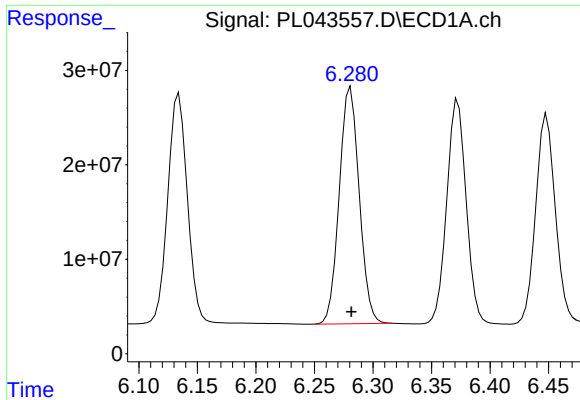
#14 Endrin

R.T.: 6.006 min  
Delta R.T.: 0.000 min  
Response: 316989614  
Conc: 51.90 ng/ml



#14 Endrin

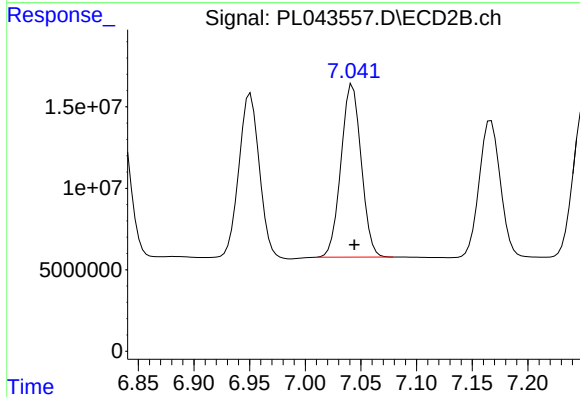
R.T.: 6.834 min  
Delta R.T.: -0.001 min  
Response: 125590660  
Conc: 49.71 ng/ml



#15 Endosulfan II

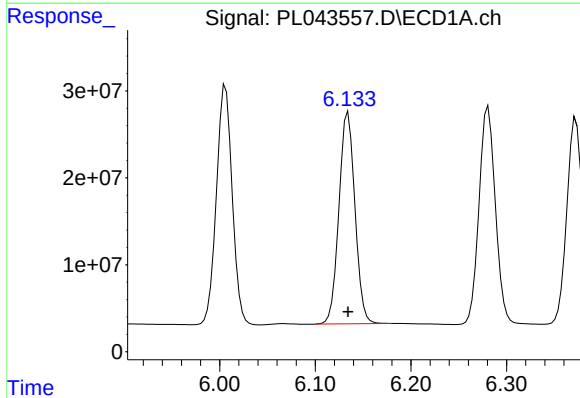
R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 297198736  
Conc: 50.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



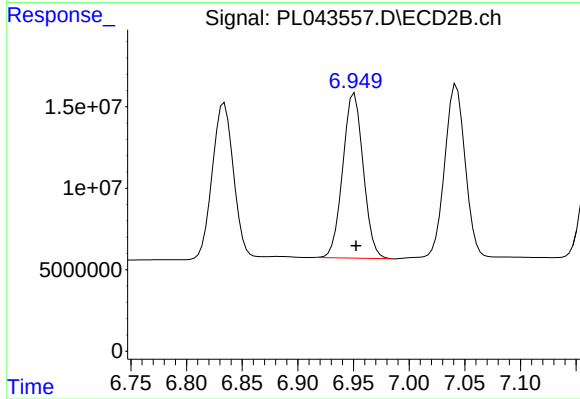
#15 Endosulfan II

R.T.: 7.042 min  
Delta R.T.: -0.002 min  
Response: 134208546  
Conc: 51.98 ng/ml



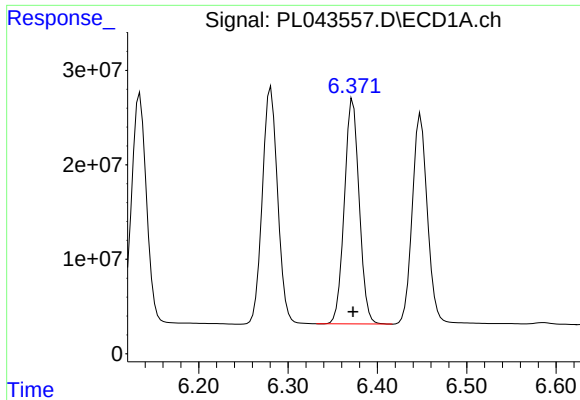
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 283725378  
Conc: 53.56 ng/ml



#16 4,4'-DDD

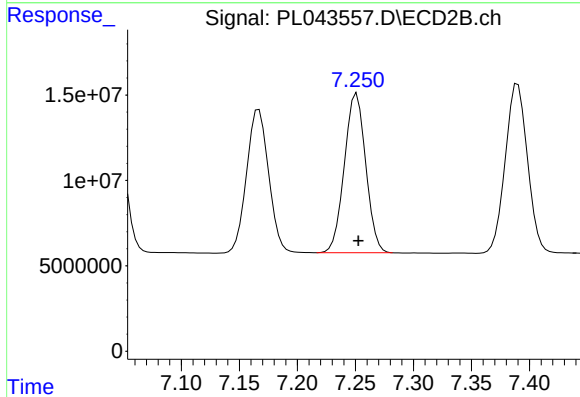
R.T.: 6.951 min  
Delta R.T.: -0.002 min  
Response: 129290262  
Conc: 52.25 ng/ml



#17 4,4'-DDT

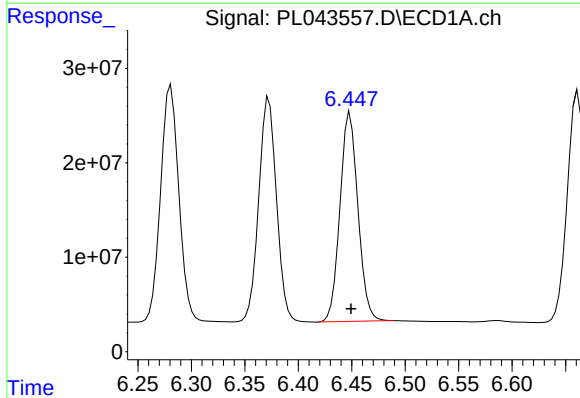
R.T.: 6.373 min  
Delta R.T.: 0.000 min  
Response: 274776841  
Conc: 54.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



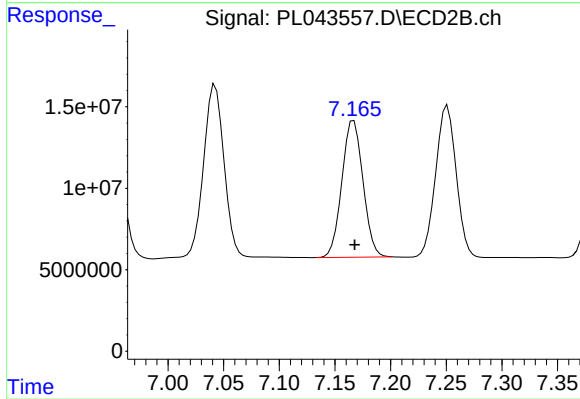
#17 4,4'-DDT

R.T.: 7.251 min  
Delta R.T.: -0.002 min  
Response: 119522881  
Conc: 53.51 ng/ml



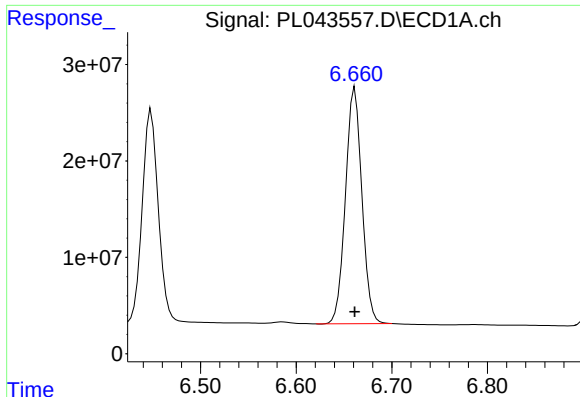
#18 Endrin aldehyde

R.T.: 6.448 min  
Delta R.T.: 0.000 min  
Response: 259225911  
Conc: 51.56 ng/ml



#18 Endrin aldehyde

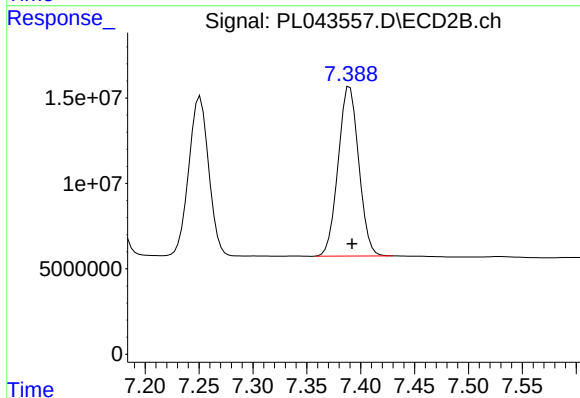
R.T.: 7.167 min  
Delta R.T.: -0.001 min  
Response: 110817146  
Conc: 52.08 ng/ml



#19 Endosulfan Sulfate

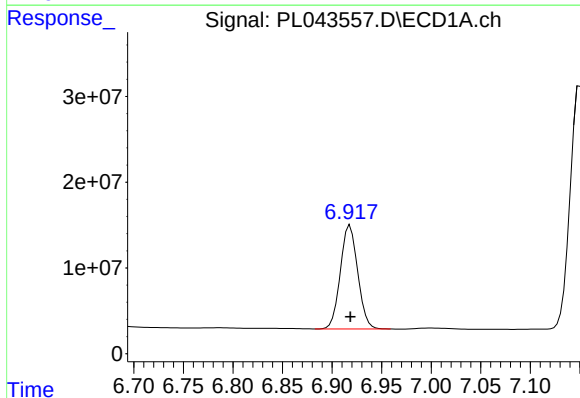
R.T.: 6.662 min  
Delta R.T.: 0.000 min  
Response: 294150980  
Conc: 47.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



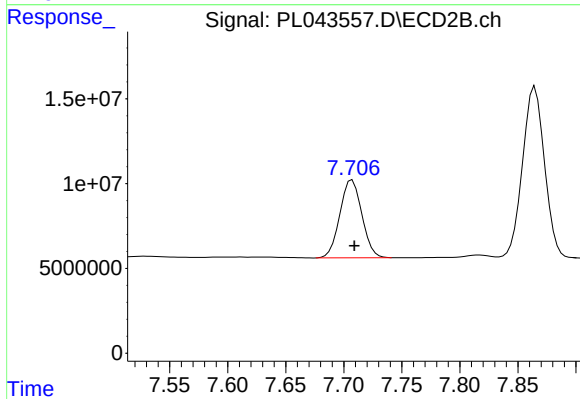
#19 Endosulfan Sulfate

R.T.: 7.390 min  
Delta R.T.: -0.002 min  
Response: 131879001  
Conc: 52.52 ng/ml



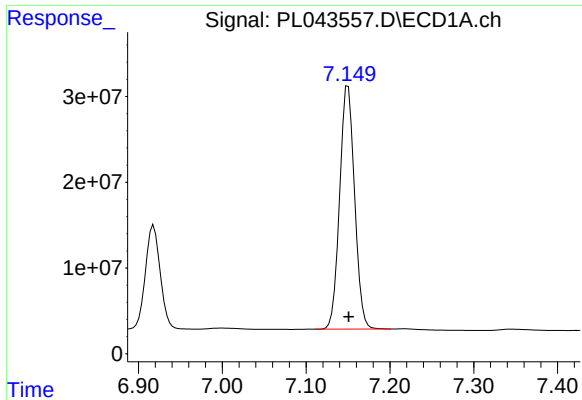
#20 Methoxychlor

R.T.: 6.918 min  
Delta R.T.: 0.000 min  
Response: 147565944  
Conc: 53.44 ng/ml



#20 Methoxychlor

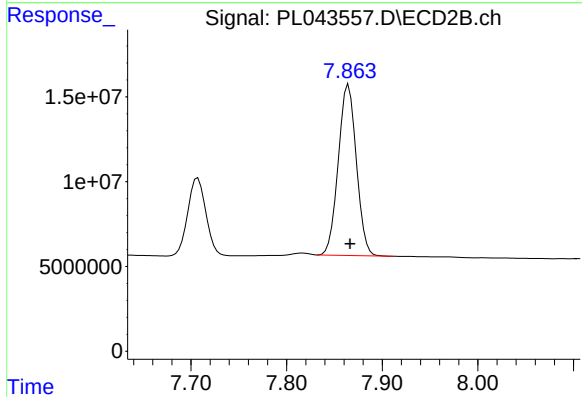
R.T.: 7.707 min  
Delta R.T.: -0.002 min  
Response: 60690785  
Conc: 53.90 ng/ml



#21 Endrin ketone

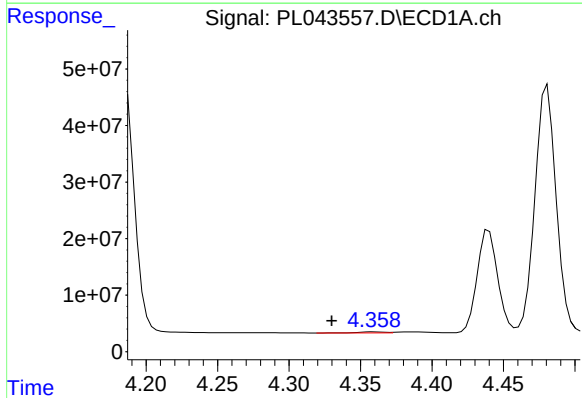
R.T.: 7.150 min  
Delta R.T.: 0.000 min  
Response: 351312176  
Conc: 54.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



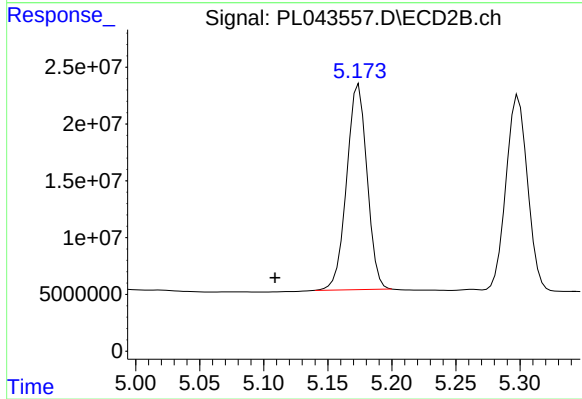
#21 Endrin ketone

R.T.: 7.865 min  
Delta R.T.: -0.002 min  
Response: 132352998  
Conc: 53.15 ng/ml



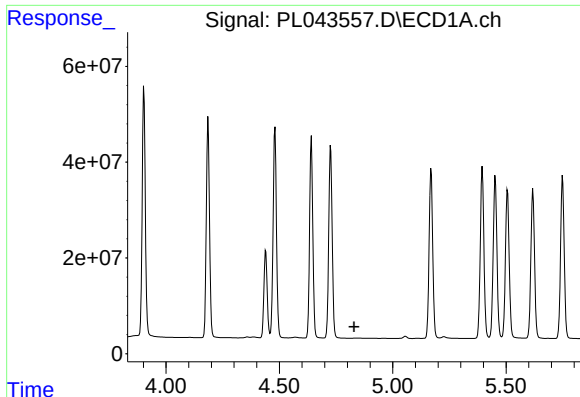
#23 Chlordane-1

R.T.: 4.359 min  
Delta R.T.: 0.029 min  
Response: 2122072  
Conc: 7.88 ng/ml



#23 Chlordane-1

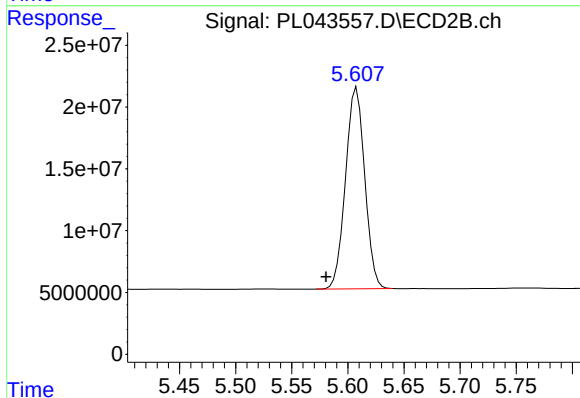
R.T.: 5.174 min  
Delta R.T.: 0.065 min  
Response: 200504488  
Conc: 1498.82 ng/ml



#24 Chlordane-2

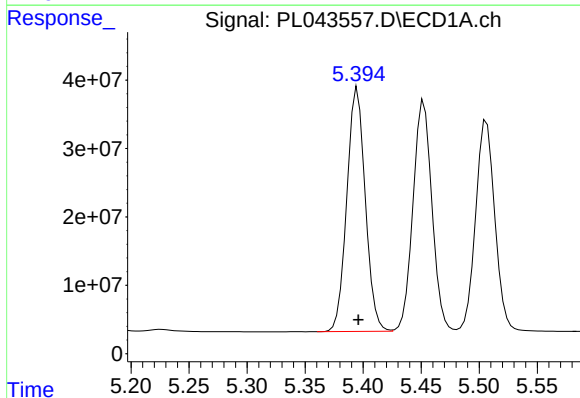
R.T.: 0.000 min  
Exp R.T.: 4.829 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



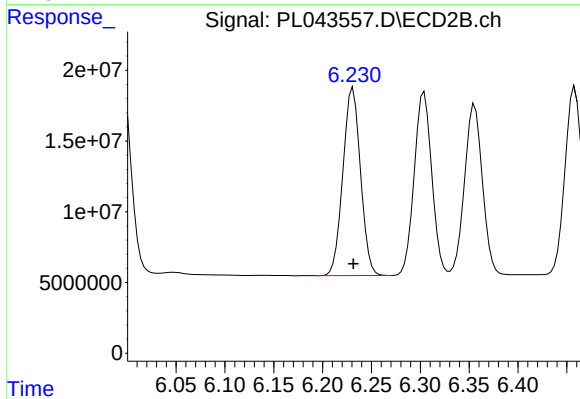
#24 Chlordane-2

R.T.: 5.608 min  
Delta R.T.: 0.027 min  
Response: 193891907  
Conc: 1570.19 ng/ml



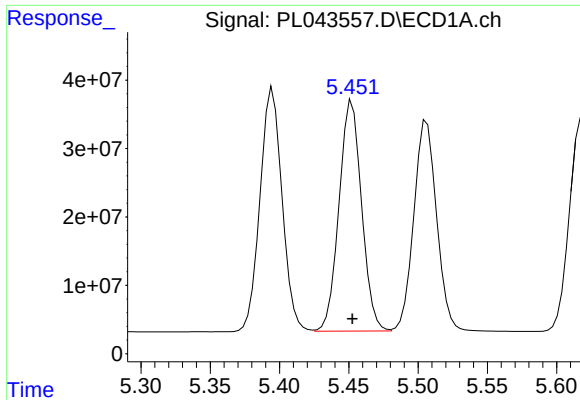
#25 Chlordane-3

R.T.: 5.395 min  
Delta R.T.: 0.000 min  
Response: 394052580  
Conc: 467.93 ng/ml



#25 Chlordane-3

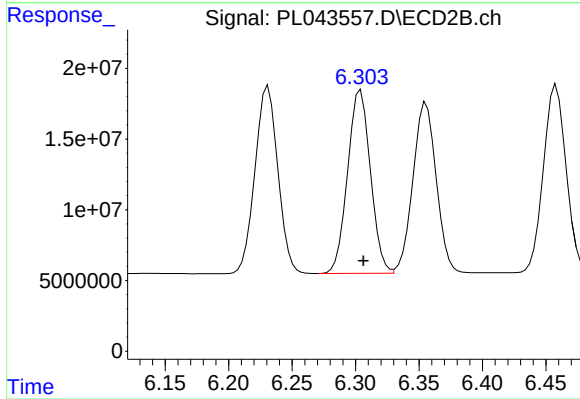
R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 166658527  
Conc: 384.88 ng/ml



#26 Chlordane-4

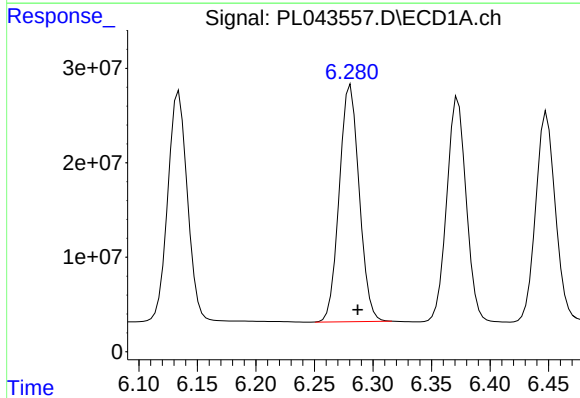
R.T.: 5.452 min  
Delta R.T.: 0.000 min  
Response: 382450134  
Conc: 513.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



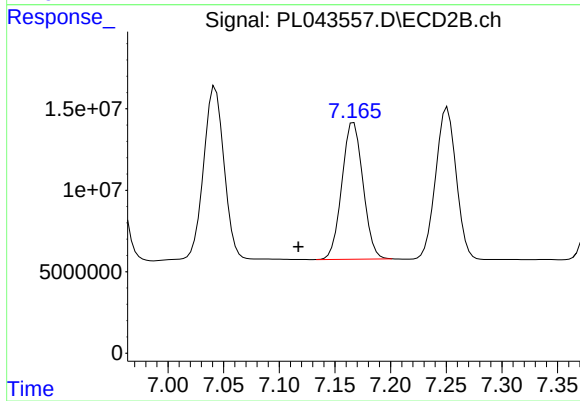
#26 Chlordane-4

R.T.: 6.304 min  
Delta R.T.: -0.002 min  
Response: 162198246  
Conc: 323.18 ng/ml



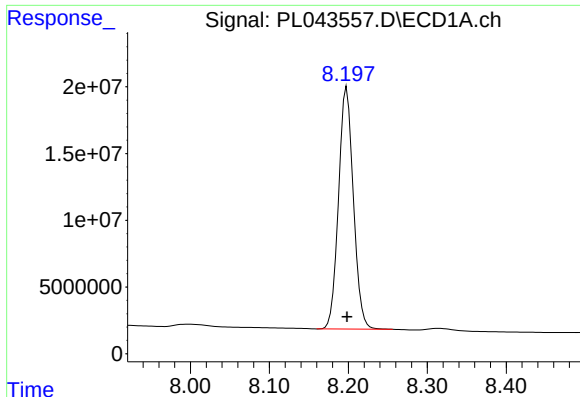
#27 Chlordane-5

R.T.: 6.281 min  
Delta R.T.: -0.006 min  
Response: 297198736  
Conc: 1401.45 ng/ml



#27 Chlordane-5

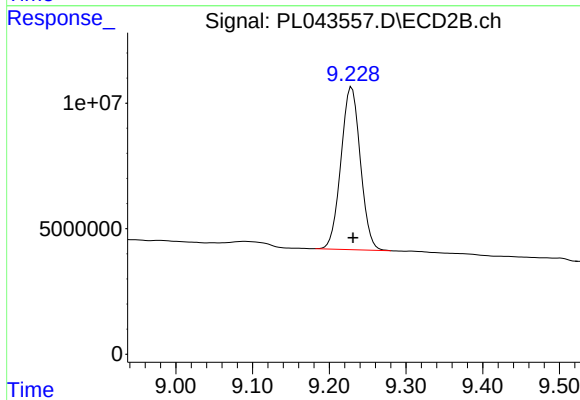
R.T.: 7.167 min  
Delta R.T.: 0.050 min  
Response: 110817146  
Conc: 1203.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.198 min  
Delta R.T.: 0.000 min  
Response: 236573859  
Conc: 46.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.229 min  
Delta R.T.: -0.002 min  
Response: 114209083  
Conc: 51.66 ng/ml