

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112018\  
 Data File : PL042332.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Nov 2018 02:47  
 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: Nov 20 07:17:38 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... | 3.468 | 4.102 | 308.1E6 | 157.0E6  | 52.367  | 54.585     |
| 28)                         | SA Decachlor... | 8.208 | 9.234 | 312.8E6 | 126.2E6  | 49.627  | 52.320     |
| Target Compounds            |                 |       |       |         |          |         |            |
| 2)                          | A alpha-BHC     | 3.908 | 4.498 | 486.9E6 | 240.6E6  | 53.956  | 56.175     |
| 3)                          | MA gamma-BHC... | 4.192 | 4.786 | 446.5E6 | 221.2E6  | 54.169  | 55.980     |
| 4)                          | MA Heptachlor   | 4.488 | 5.302 | 445.2E6 | 209.5E6  | 51.169  | 53.403     |
| 5)                          | MB Aldrin       | 4.733 | 5.611 | 439.9E6 | 212.6E6  | 54.180  | 55.358     |
| 6)                          | B beta-BHC      | 4.445 | 4.955 | 183.4E6 | 89961088 | 51.770  | 57.019     |
| 7)                          | B delta-BHC     | 4.647 | 5.176 | 423.3E6 | 209.5E6  | 55.280  | 56.931     |
| 8)                          | B Heptachlo...  | 5.177 | 6.000 | 402.4E6 | 190.6E6  | 53.090  | 53.145     |
| 9)                          | A Endosulfan I  | 5.514 | 6.360 | 367.8E6 | 173.4E6  | 53.149  | 54.911     |
| 10)                         | B gamma-Chl...  | 5.403 | 6.234 | 405.6E6 | 188.5E6  | 53.191  | 55.366     |
| 11)                         | B alpha-Chl...  | 5.460 | 6.308 | 396.8E6 | 182.7E6  | 52.858  | 54.638     |
| 12)                         | B 4,4'-DDE      | 5.626 | 6.462 | 360.1E6 | 183.1E6  | 55.015  | 55.014     |
| 13)                         | MA Dieldrin     | 5.757 | 6.618 | 398.2E6 | 183.1E6  | 54.130  | 54.996     |
| 14)                         | MA Endrin       | 6.014 | 6.838 | 331.6E6 | 140.0E6  | 50.699  | 50.816     |
| 15)                         | B Endosulfa...  | 6.289 | 7.046 | 293.9E6 | 153.1E6  | 47.015  | 55.436     |
| 16)                         | A 4,4'-DDD      | 6.142 | 6.955 | 298.2E6 | 146.0E6  | 56.322  | 55.485     |
| 17)                         | MA 4,4'-DDT     | 6.380 | 7.255 | 299.7E6 | 138.6E6  | 53.833  | 52.479     |
| 18)                         | B Endrin al...  | 6.457 | 7.170 | 275.0E6 | 126.4E6  | 52.896  | 55.153     |
| 19)                         | B Endosulfa...  | 6.670 | 7.394 | 334.5E6 | 148.8E6  | 53.611  | 53.491     |
| 20)                         | A Methoxychlor  | 6.927 | 7.711 | 161.5E6 | 68415742 | 51.197  | 50.179     |
| 21)                         | B Endrin ke...  | 7.159 | 7.868 | 378.9E6 | 152.9E6  | 54.723  | 55.325     |
| 23)                         | Chlordane-1     | 4.365 | 5.176 | 1455855 | 209.5E6  | 5.266   | 1576.098 # |
| 24)                         | Chlordane-2     | 0.000 | 5.611 | 0       | 212.6E6  | N.D.    | 1524.603 # |
| 25)                         | Chlordane-3     | 5.403 | 6.234 | 405.6E6 | 188.5E6  | 462.654 | 401.101    |
| 26)                         | Chlordane-4     | 5.460 | 6.308 | 396.8E6 | 182.7E6  | 522.845 | 333.908 #  |
| 27)                         | Chlordane-5     | 6.289 | 7.170 | 293.9E6 | 126.4E6  | 986.232 | 1314.446 # |
| -----                       |                 |       |       |         |          |         |            |

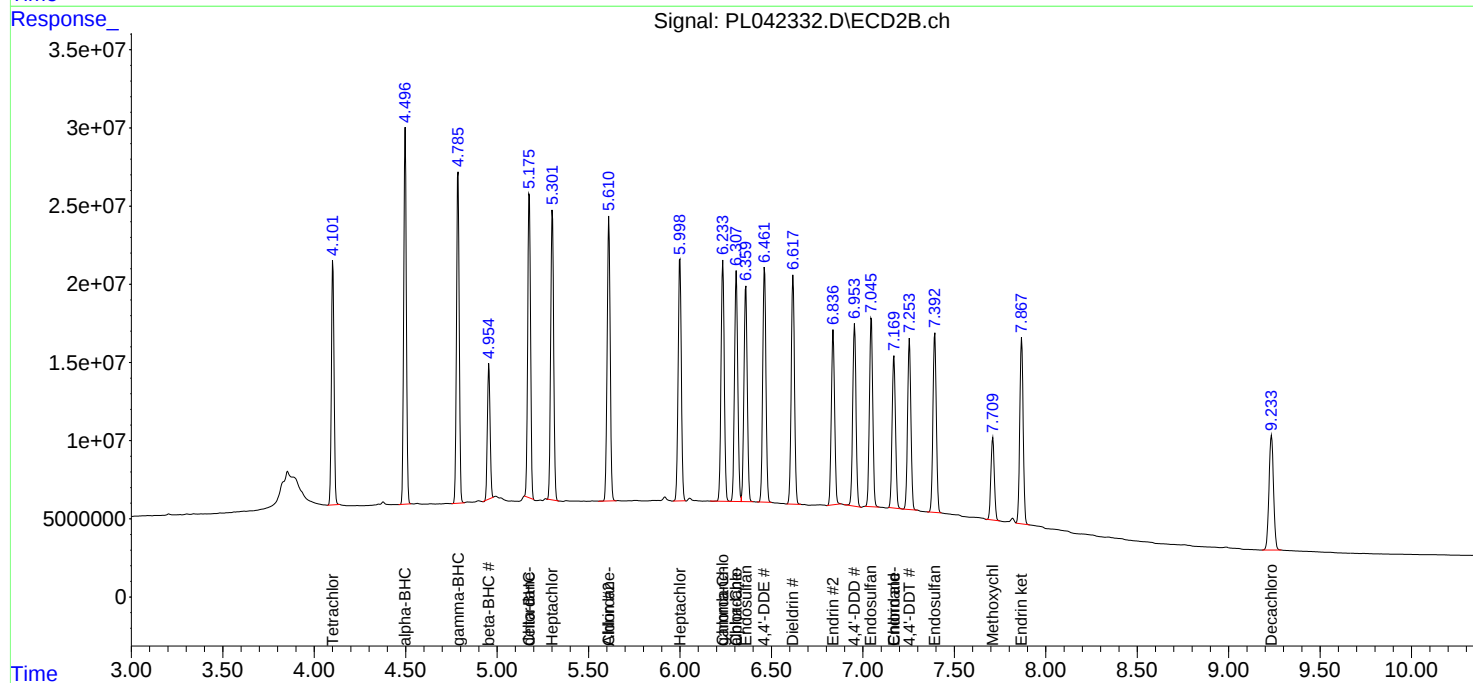
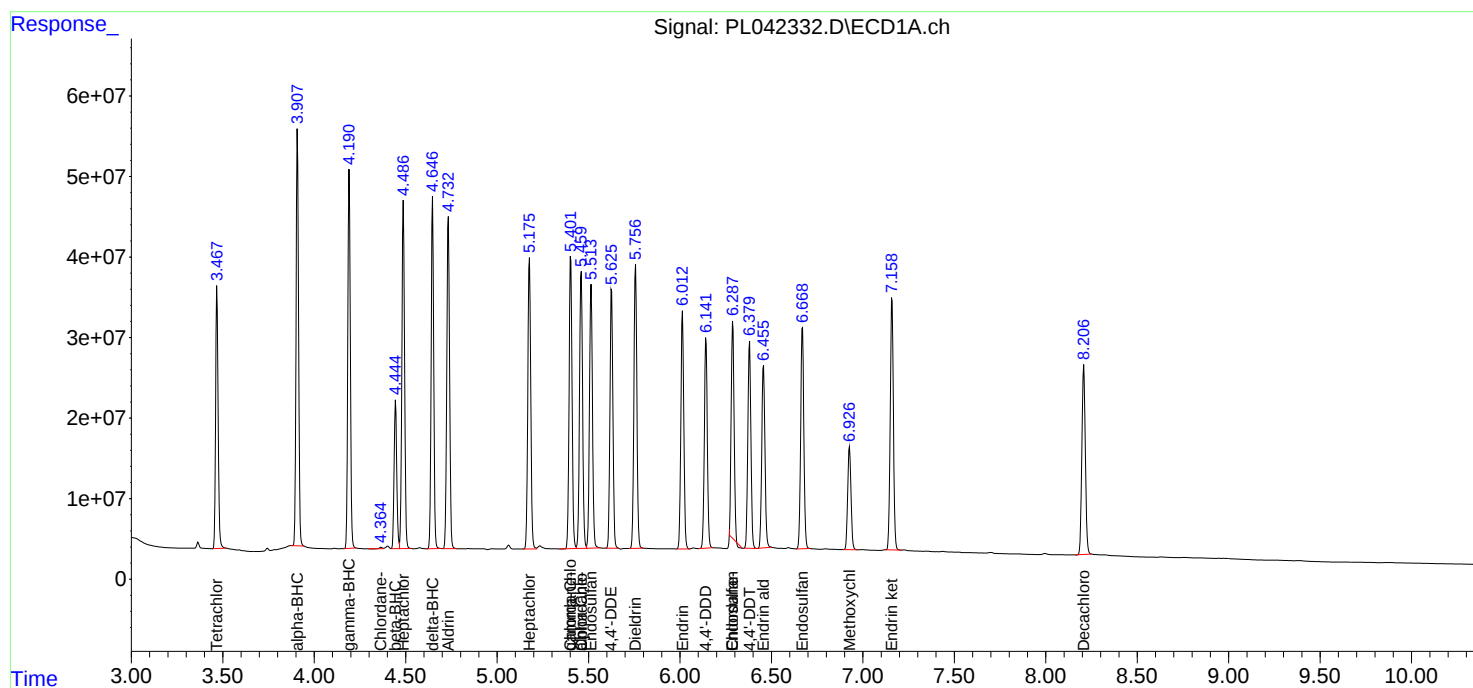
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

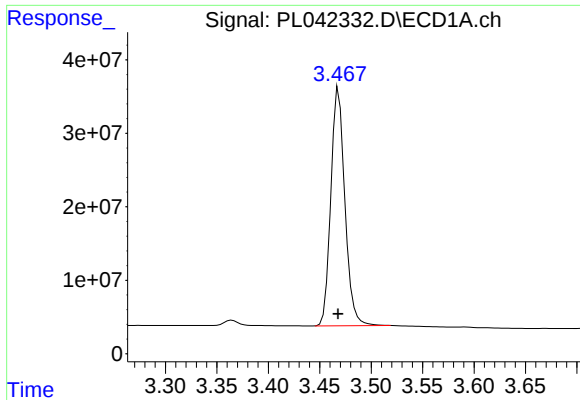
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL112018\  
Data File : PL042332.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Nov 2018 02:47  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 20 07:17:38 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

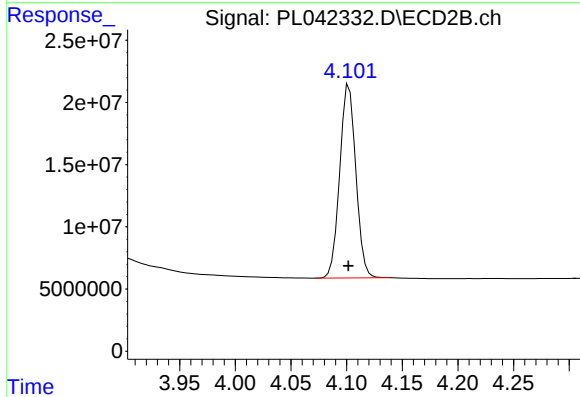




#1 Tetrachloro-m-xylene

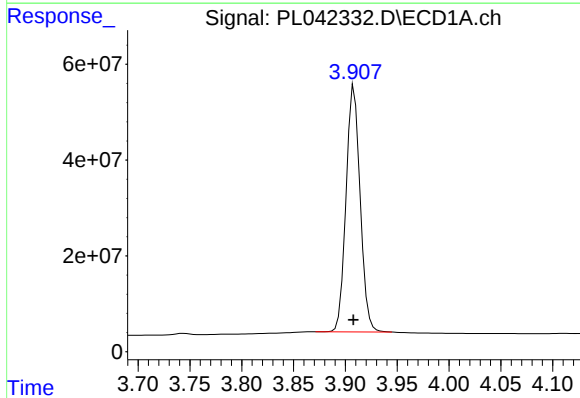
R.T.: 3.468 min  
Delta R.T.: 0.000 min  
Response: 308102915  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



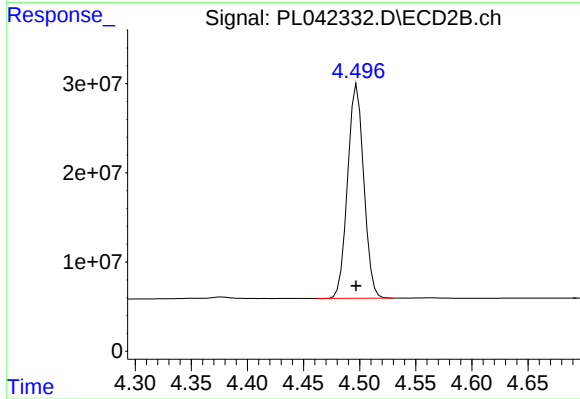
#1 Tetrachloro-m-xylene

R.T.: 4.102 min  
Delta R.T.: 0.000 min  
Response: 156993143  
Conc: 54.58 ng/ml



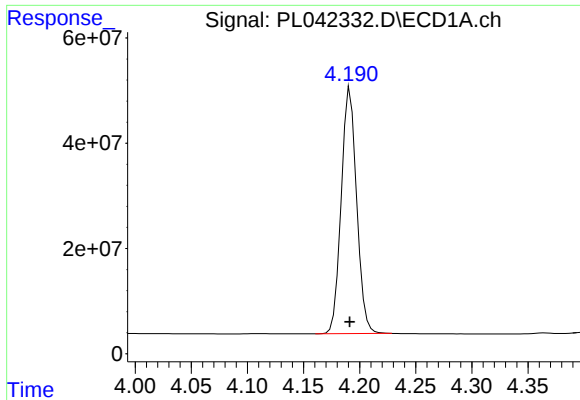
#2 alpha-BHC

R.T.: 3.908 min  
Delta R.T.: 0.000 min  
Response: 486863149  
Conc: 53.96 ng/ml



#2 alpha-BHC

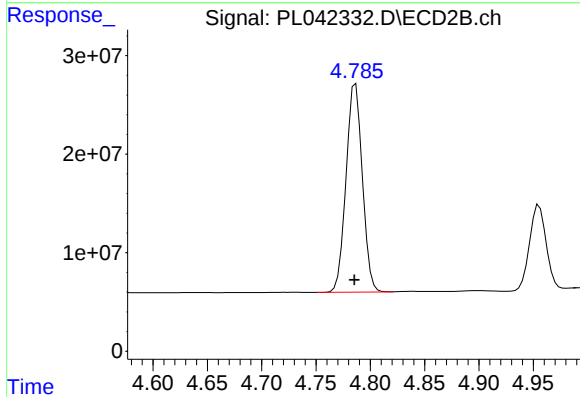
R.T.: 4.498 min  
Delta R.T.: 0.000 min  
Response: 240568966  
Conc: 56.17 ng/ml



#3 gamma-BHC (Lindane)

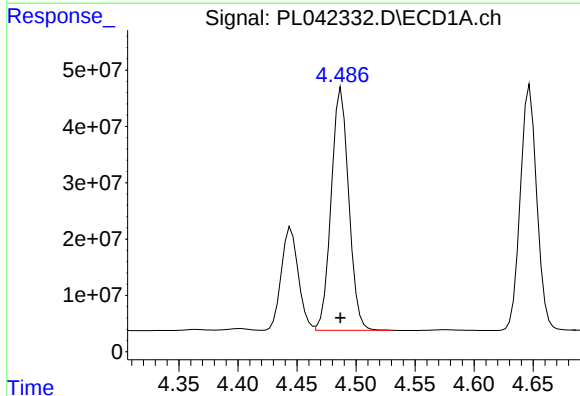
R.T.: 4.192 min  
Delta R.T.: 0.000 min  
Response: 446456675  
Conc: 54.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



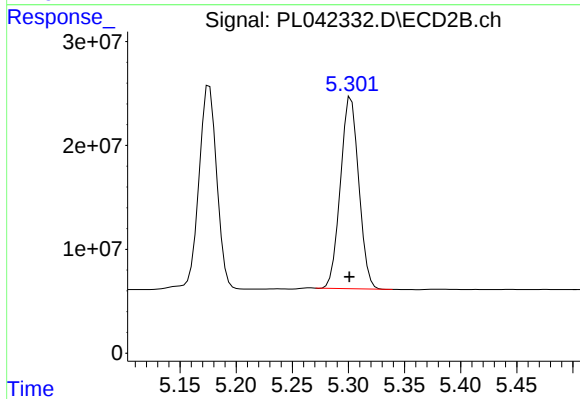
#3 gamma-BHC (Lindane)

R.T.: 4.786 min  
Delta R.T.: 0.001 min  
Response: 221210705  
Conc: 55.98 ng/ml



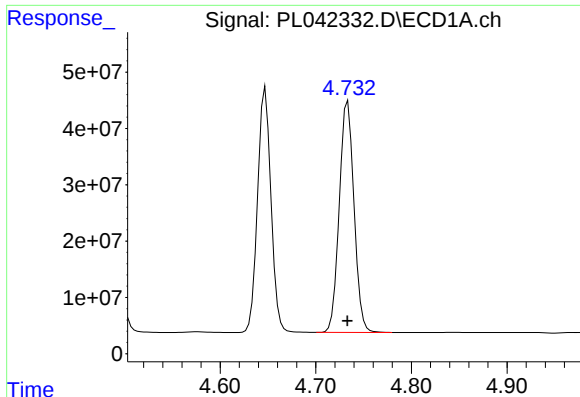
#4 Heptachlor

R.T.: 4.488 min  
Delta R.T.: 0.000 min  
Response: 445243486  
Conc: 51.17 ng/ml



#4 Heptachlor

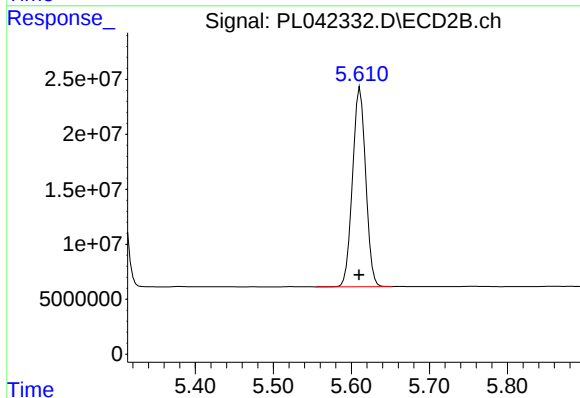
R.T.: 5.302 min  
Delta R.T.: 0.002 min  
Response: 209489971  
Conc: 53.40 ng/ml



#5 Aldrin

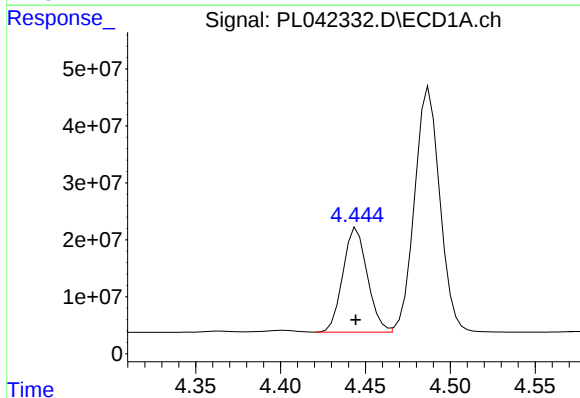
R.T.: 4.733 min  
Delta R.T.: 0.000 min  
Response: 439889517  
Conc: 54.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



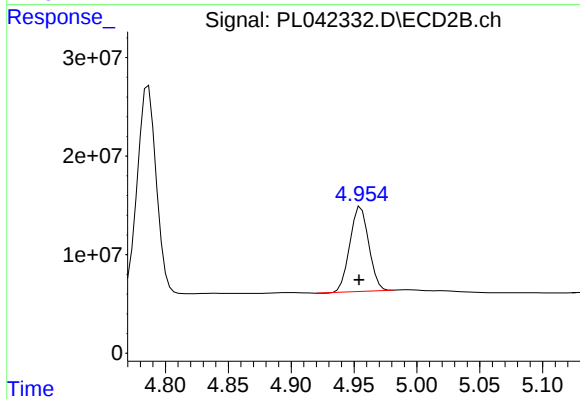
#5 Aldrin

R.T.: 5.611 min  
Delta R.T.: 0.001 min  
Response: 212596823  
Conc: 55.36 ng/ml



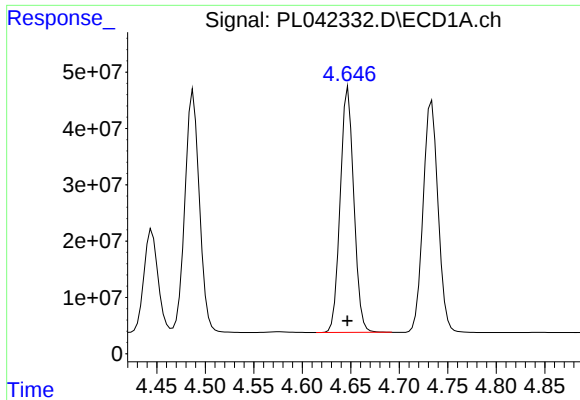
#6 beta-BHC

R.T.: 4.445 min  
Delta R.T.: 0.000 min  
Response: 183407593  
Conc: 51.77 ng/ml



#6 beta-BHC

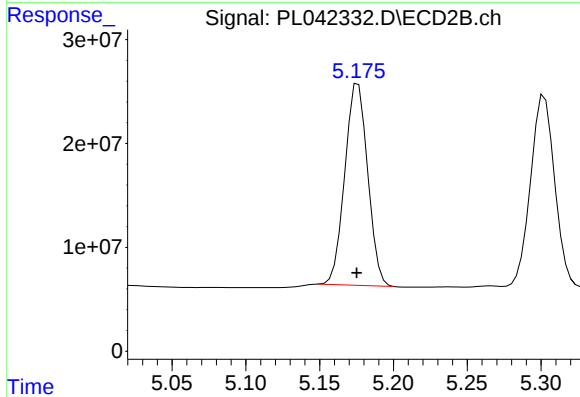
R.T.: 4.955 min  
Delta R.T.: 0.001 min  
Response: 89961088  
Conc: 57.02 ng/ml



#7 delta-BHC

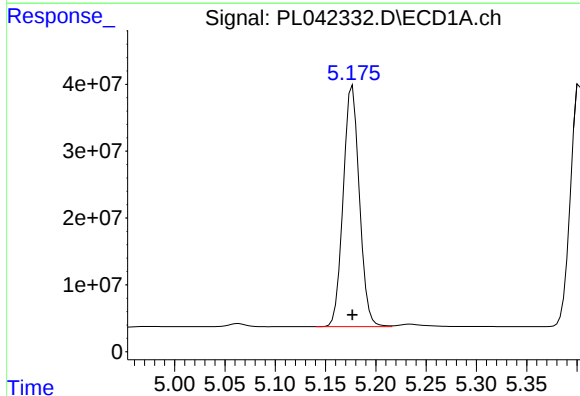
R.T.: 4.647 min  
Delta R.T.: 0.000 min  
Response: 423333258  
Conc: 55.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



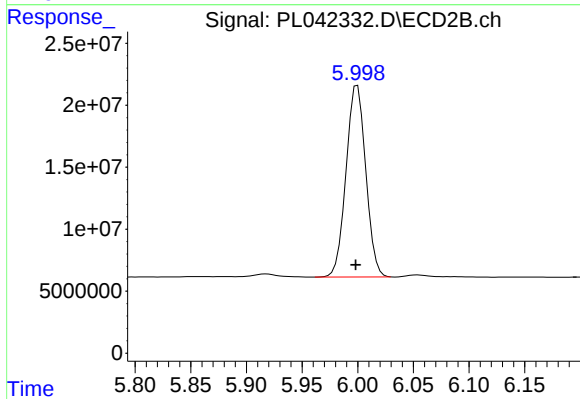
#7 delta-BHC

R.T.: 5.176 min  
Delta R.T.: 0.001 min  
Response: 209514443  
Conc: 56.93 ng/ml



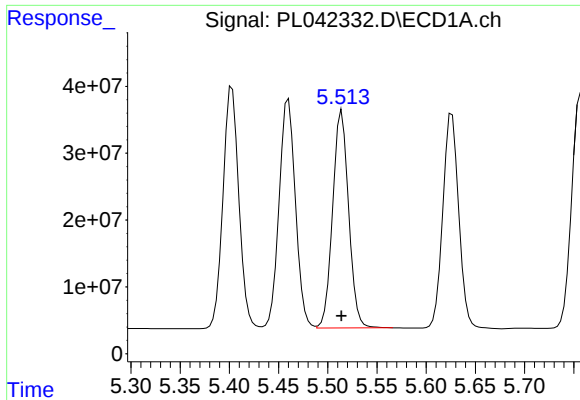
#8 Heptachlor epoxide

R.T.: 5.177 min  
Delta R.T.: 0.000 min  
Response: 402395896  
Conc: 53.09 ng/ml



#8 Heptachlor epoxide

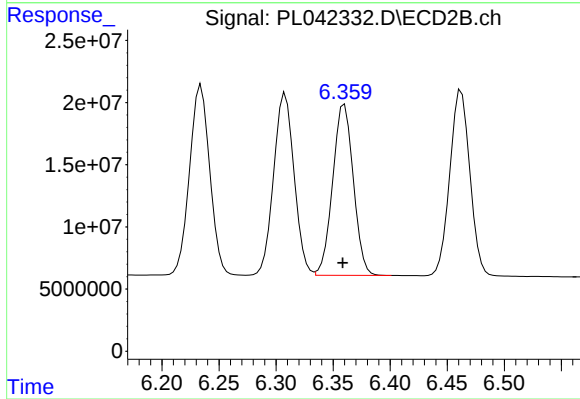
R.T.: 6.000 min  
Delta R.T.: 0.001 min  
Response: 190555526  
Conc: 53.14 ng/ml



#9 Endosulfan I

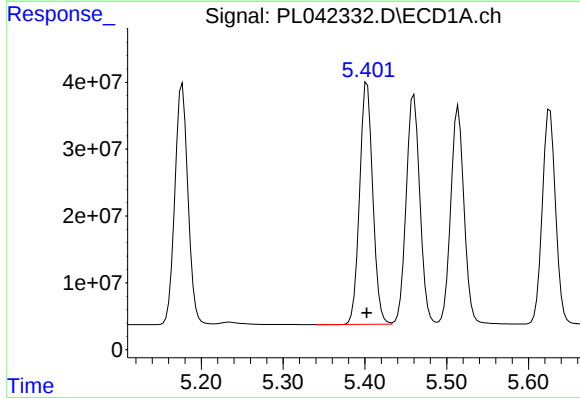
R.T.: 5.514 min  
Delta R.T.: 0.000 min  
Response: 367803902  
Conc: 53.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



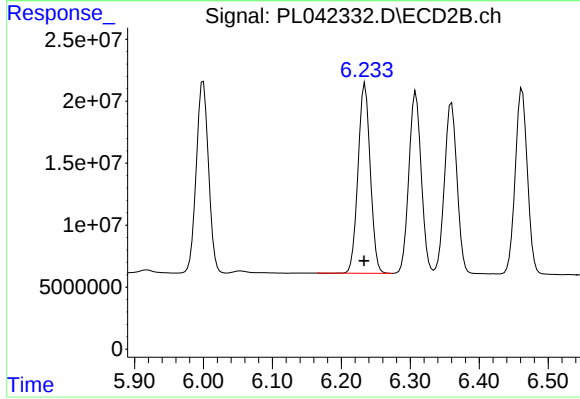
#9 Endosulfan I

R.T.: 6.360 min  
Delta R.T.: 0.002 min  
Response: 173409880  
Conc: 54.91 ng/ml



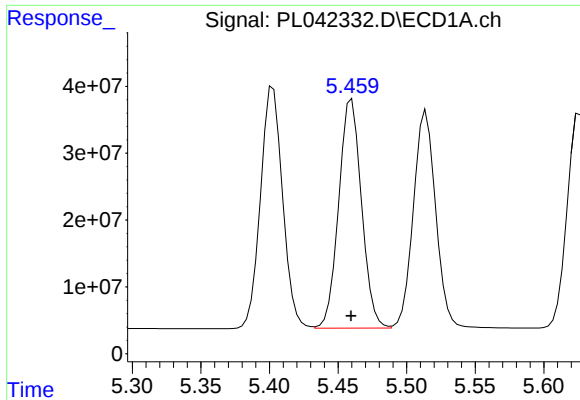
#10 gamma-Chlordane

R.T.: 5.403 min  
Delta R.T.: 0.000 min  
Response: 405557781  
Conc: 53.19 ng/ml



#10 gamma-Chlordane

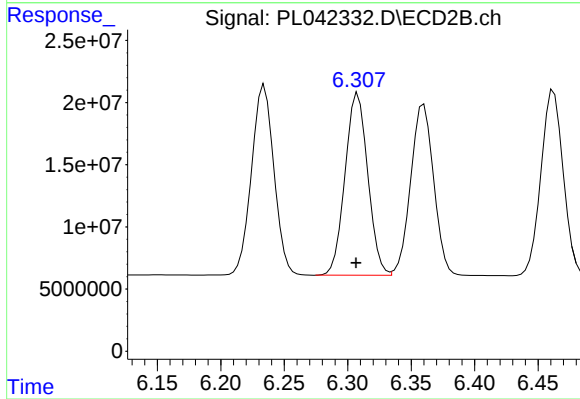
R.T.: 6.234 min  
Delta R.T.: 0.001 min  
Response: 188487560  
Conc: 55.37 ng/ml



#11 alpha-Chlordane

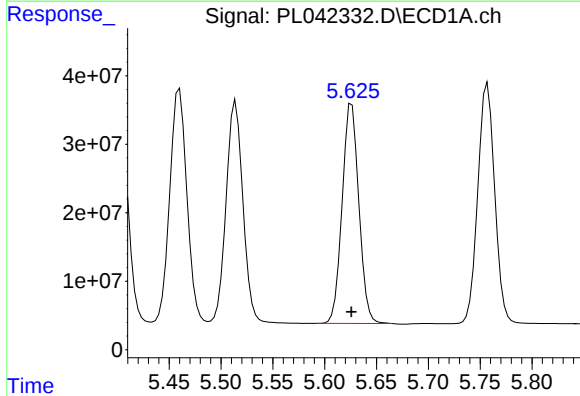
R.T.: 5.460 min  
Delta R.T.: 0.000 min  
Response: 396797979  
Conc: 52.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



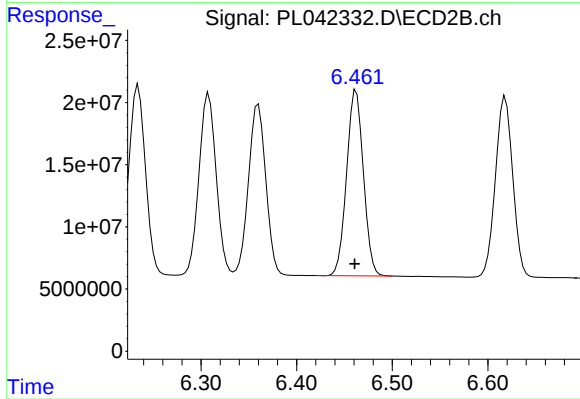
#11 alpha-Chlordane

R.T.: 6.308 min  
Delta R.T.: 0.002 min  
Response: 182699701  
Conc: 54.64 ng/ml



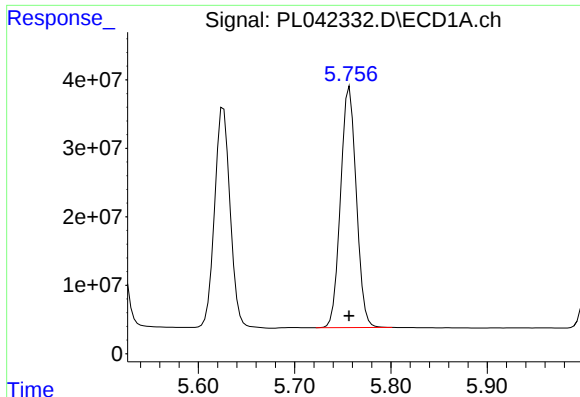
#12 4,4'-DDE

R.T.: 5.626 min  
Delta R.T.: 0.000 min  
Response: 360083706  
Conc: 55.02 ng/ml



#12 4,4'-DDE

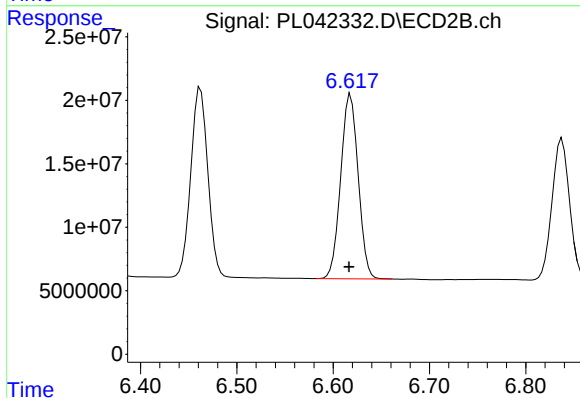
R.T.: 6.462 min  
Delta R.T.: 0.002 min  
Response: 183094154  
Conc: 55.01 ng/ml



#13 Dieldrin

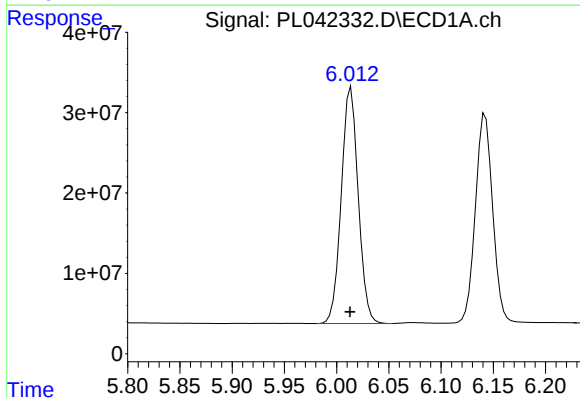
R.T.: 5.757 min  
Delta R.T.: 0.000 min  
Response: 398223105  
Conc: 54.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



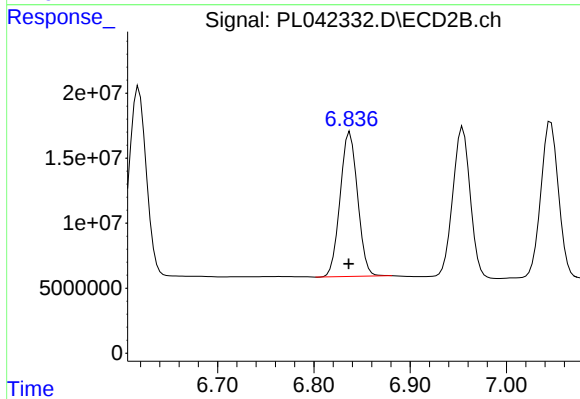
#13 Dieldrin

R.T.: 6.618 min  
Delta R.T.: 0.002 min  
Response: 183056002  
Conc: 55.00 ng/ml



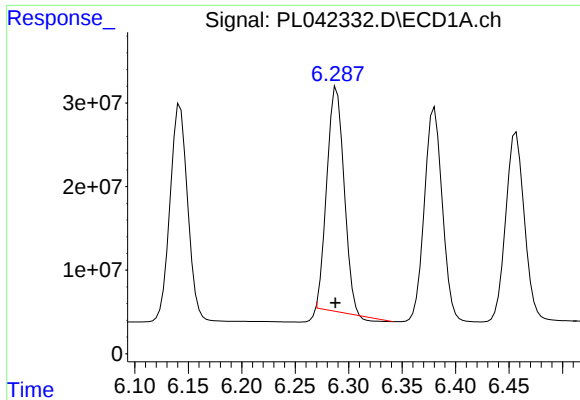
#14 Endrin

R.T.: 6.014 min  
Delta R.T.: 0.000 min  
Response: 331586558  
Conc: 50.70 ng/ml



#14 Endrin

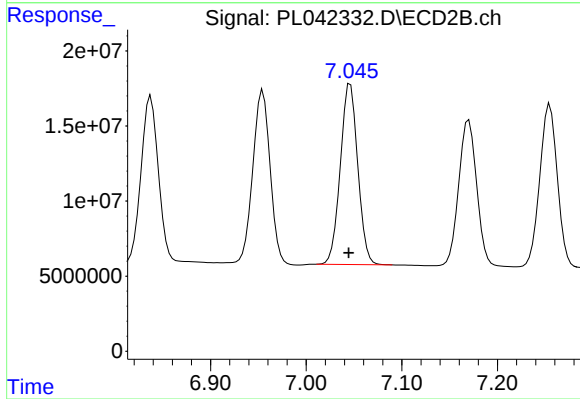
R.T.: 6.838 min  
Delta R.T.: 0.001 min  
Response: 139976217  
Conc: 50.82 ng/ml



#15 Endosulfan II

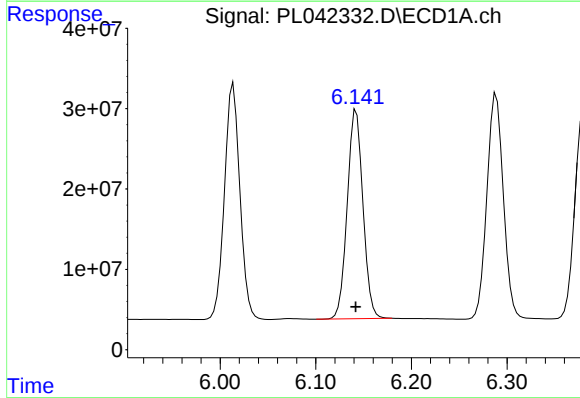
R.T.: 6.289 min  
Delta R.T.: 0.001 min  
Response: 293869580  
Conc: 47.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



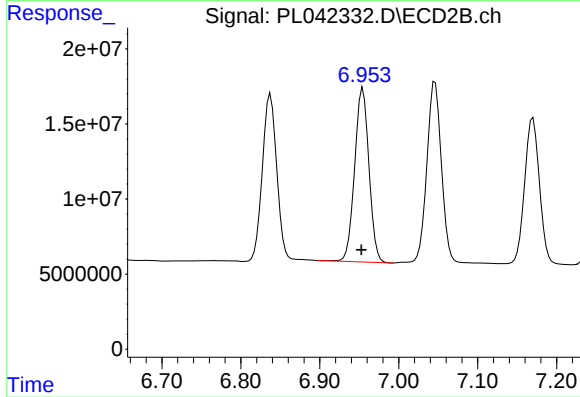
#15 Endosulfan II

R.T.: 7.046 min  
Delta R.T.: 0.002 min  
Response: 153098969  
Conc: 55.44 ng/ml



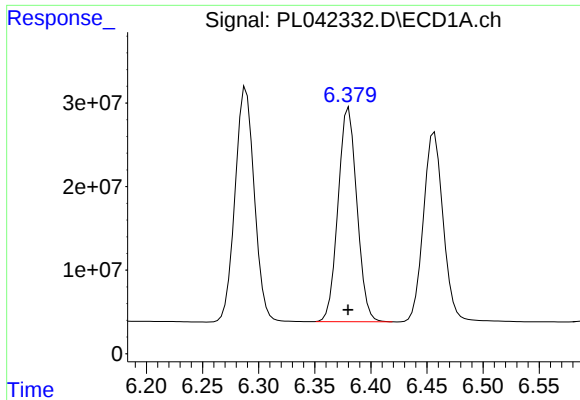
#16 4,4'-DDD

R.T.: 6.142 min  
Delta R.T.: 0.000 min  
Response: 298214162  
Conc: 56.32 ng/ml



#16 4,4'-DDD

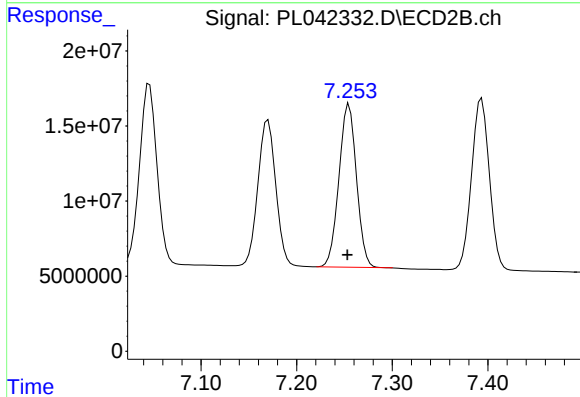
R.T.: 6.955 min  
Delta R.T.: 0.002 min  
Response: 146044552  
Conc: 55.49 ng/ml



#17 4,4'-DDT

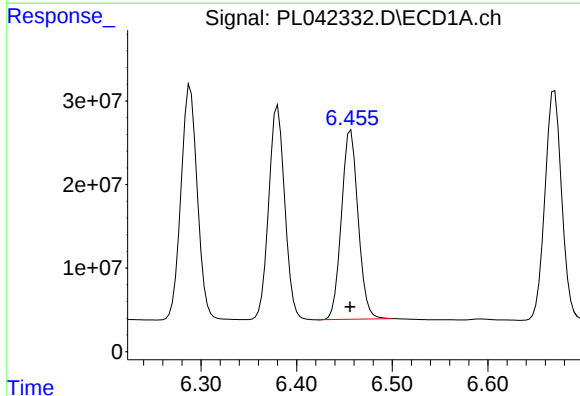
R.T.: 6.380 min  
Delta R.T.: 0.000 min  
Response: 299680182  
Conc: 53.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



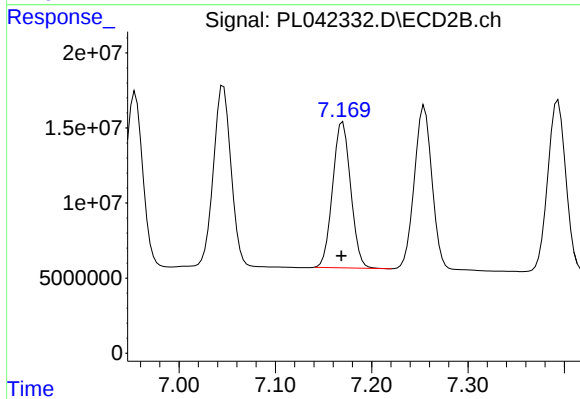
#17 4,4'-DDT

R.T.: 7.255 min  
Delta R.T.: 0.002 min  
Response: 138574471  
Conc: 52.48 ng/ml



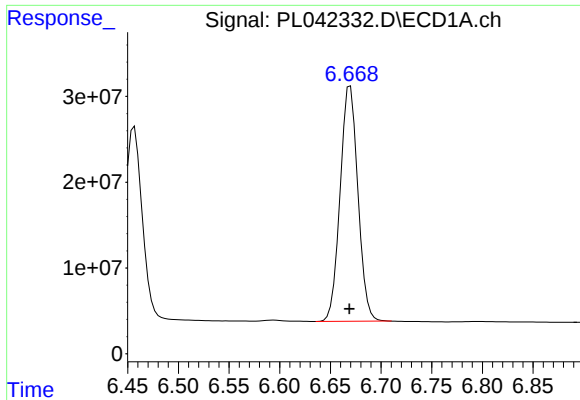
#18 Endrin aldehyde

R.T.: 6.457 min  
Delta R.T.: 0.000 min  
Response: 274987776  
Conc: 52.90 ng/ml



#18 Endrin aldehyde

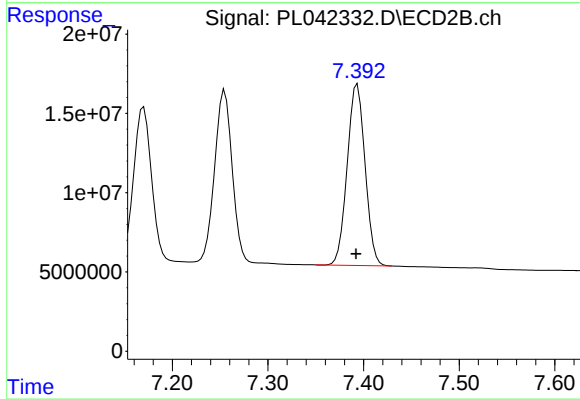
R.T.: 7.170 min  
Delta R.T.: 0.001 min  
Response: 126443735  
Conc: 55.15 ng/ml



#19 Endosulfan Sulfate

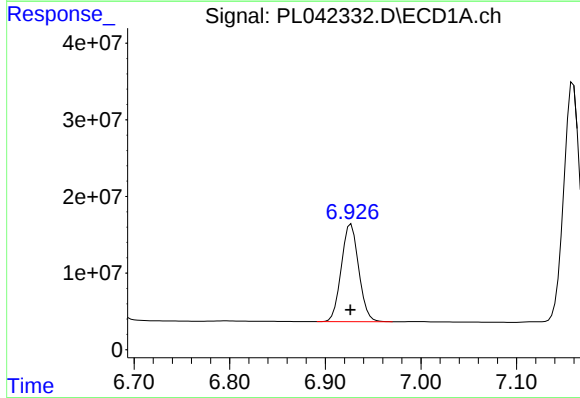
R.T.: 6.670 min  
Delta R.T.: 0.000 min  
Response: 334497797  
Conc: 53.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



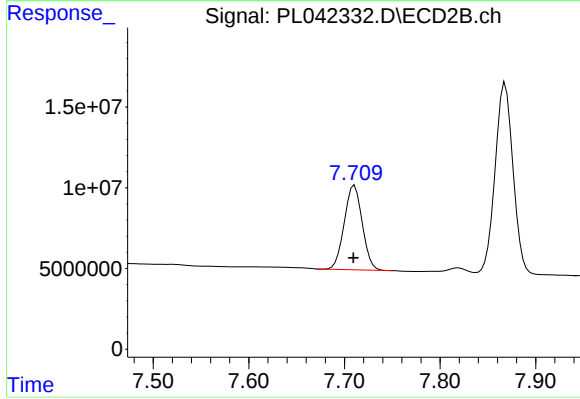
#19 Endosulfan Sulfate

R.T.: 7.394 min  
Delta R.T.: 0.001 min  
Response: 148760955  
Conc: 53.49 ng/ml



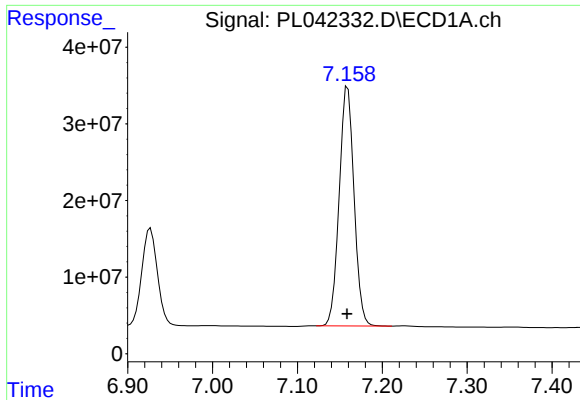
#20 Methoxychlor

R.T.: 6.927 min  
Delta R.T.: 0.000 min  
Response: 161466755  
Conc: 51.20 ng/ml



#20 Methoxychlor

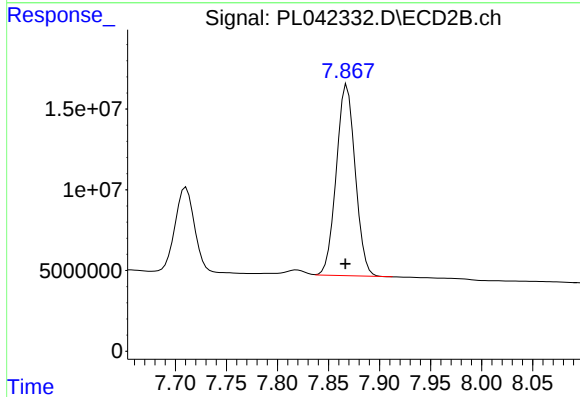
R.T.: 7.711 min  
Delta R.T.: 0.001 min  
Response: 68415742  
Conc: 50.18 ng/ml



#21 Endrin ketone

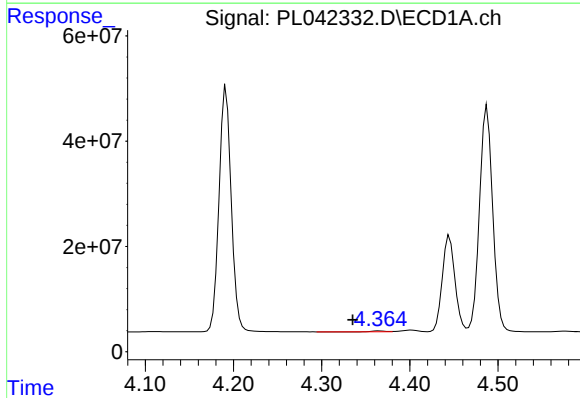
R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 378924865  
Conc: 54.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



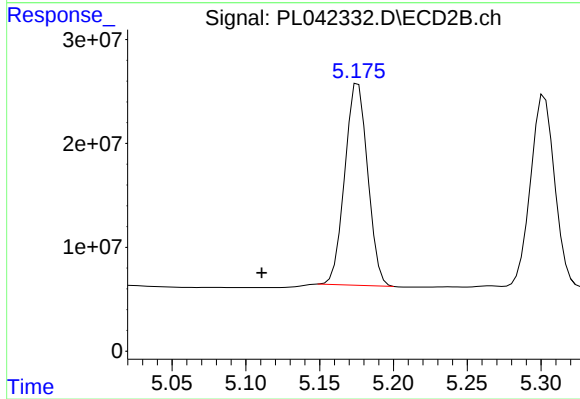
#21 Endrin ketone

R.T.: 7.868 min  
Delta R.T.: 0.002 min  
Response: 152915679  
Conc: 55.32 ng/ml



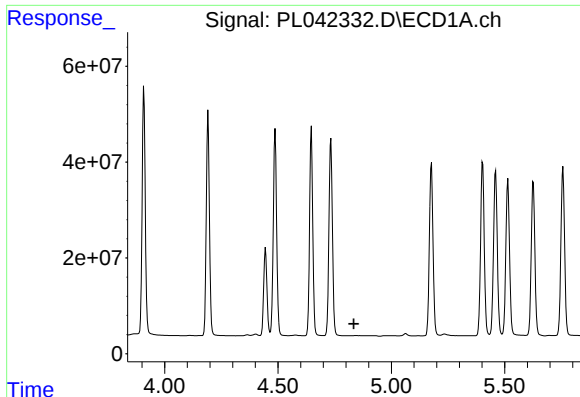
#23 Chlordane-1

R.T.: 4.365 min  
Delta R.T.: 0.030 min  
Response: 1455855  
Conc: 5.27 ng/ml



#23 Chlordane-1

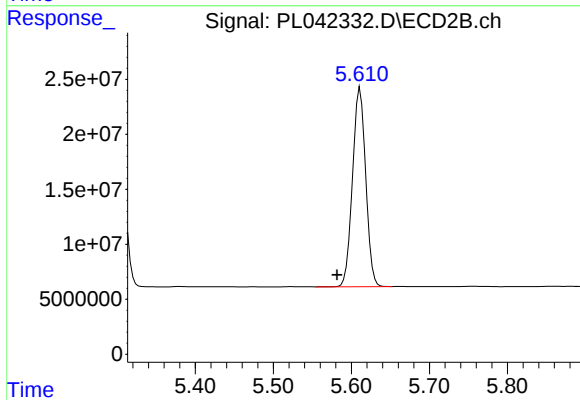
R.T.: 5.176 min  
Delta R.T.: 0.065 min  
Response: 209514443  
Conc: 1576.10 ng/ml



#24 Chlordane-2

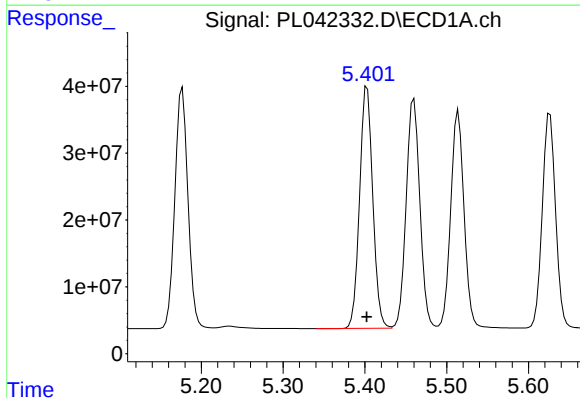
R.T.: 0.000 min  
Exp R.T.: 4.835 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



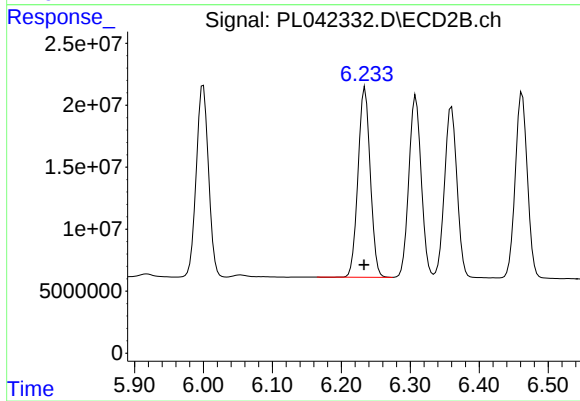
#24 Chlordane-2

R.T.: 5.611 min  
Delta R.T.: 0.030 min  
Response: 212596823  
Conc: 1524.60 ng/ml



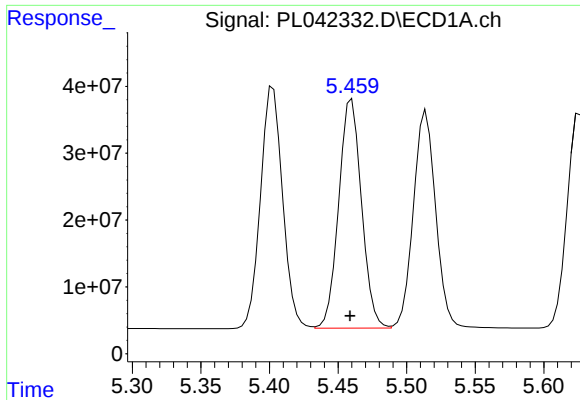
#25 Chlordane-3

R.T.: 5.403 min  
Delta R.T.: 0.000 min  
Response: 405557781  
Conc: 462.65 ng/ml



#25 Chlordane-3

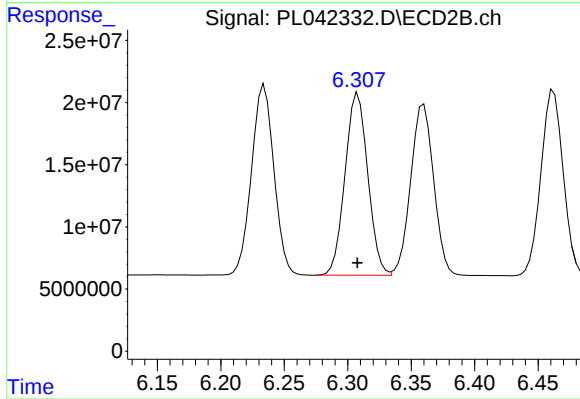
R.T.: 6.234 min  
Delta R.T.: 0.002 min  
Response: 188487560  
Conc: 401.10 ng/ml



#26 Chlordane-4

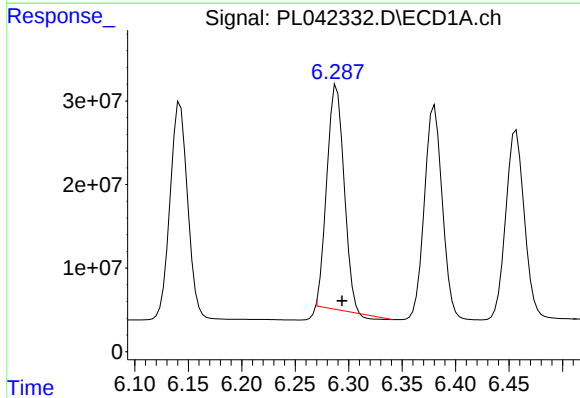
R.T.: 5.460 min  
Delta R.T.: 0.001 min  
Response: 396797979  
Conc: 522.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



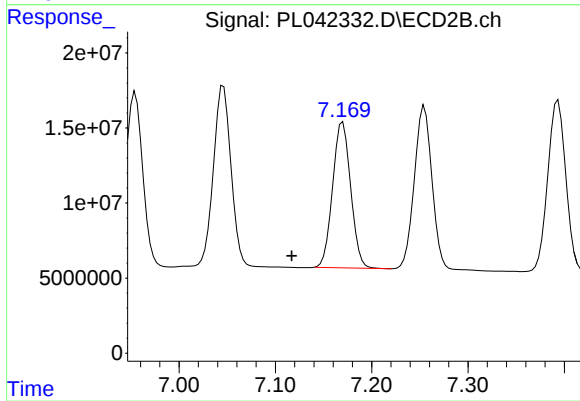
#26 Chlordane-4

R.T.: 6.308 min  
Delta R.T.: 0.000 min  
Response: 182699701  
Conc: 333.91 ng/ml



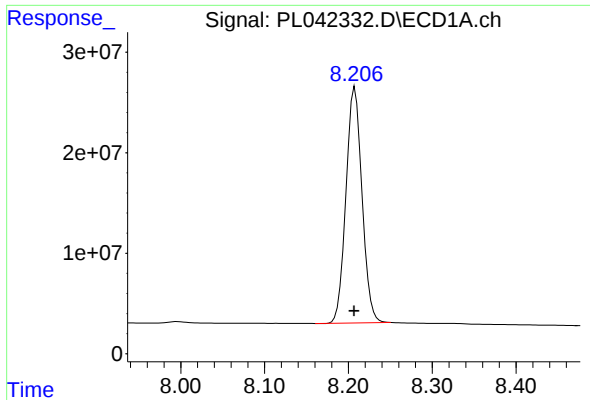
#27 Chlordane-5

R.T.: 6.289 min  
Delta R.T.: -0.005 min  
Response: 293869580  
Conc: 986.23 ng/ml



#27 Chlordane-5

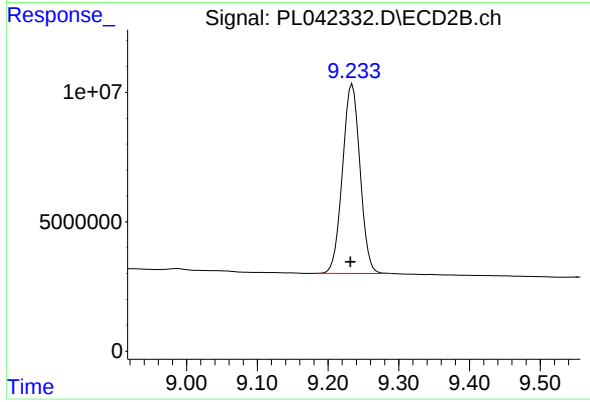
R.T.: 7.170 min  
Delta R.T.: 0.053 min  
Response: 126443735  
Conc: 1314.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.208 min  
Delta R.T.: 0.000 min  
Response: 312755164  
Conc: 49.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.234 min  
Delta R.T.: 0.003 min  
Response: 126187481  
Conc: 52.32 ng/ml