

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032019\  
 Data File : PL046259.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Mar 2019 07:41  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 21 08:40:30 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 27 17:00:03 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1  | RT#2   | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|--------|---------|----------|----------|------------|
| -----                       |                 |       |        |         |          |          |            |
| System Monitoring Compounds |                 |       |        |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.361 | 3.980  | 332.7E6 | 106.7E6  | 48.356   | 49.838     |
| 28)                         | SA Decachlor... | 8.039 | 9.033  | 356.4E6 | 102.4E6  | 42.598   | 44.825     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.790 | 4.370  | 541.1E6 | 157.1E6  | 48.715   | 51.708     |
| 3)                          | MA gamma-BHC... | 4.067 | 4.654  | 497.5E6 | 143.6E6  | 49.222   | 50.825     |
| 4)                          | MA Heptachlor   | 4.355 | 5.161  | 496.9E6 | 146.7E6  | 47.087   | 49.318     |
| 5)                          | MB Aldrin       | 4.595 | 5.465  | 483.9E6 | 138.1E6  | 49.752   | 51.135     |
| 6)                          | B beta-BHC      | 4.320 | 4.827  | 205.6E6 | 66026539 | 47.976   | 51.991     |
| 7)                          | B delta-BHC     | 4.516 | 5.042  | 485.1E6 | 127.5E6  | 50.754   | 59.263     |
| 8)                          | B Heptachlo...  | 5.032 | 5.851  | 448.5E6 | 130.5E6  | 48.053   | 54.321     |
| 9)                          | A Endosulfan I  | 5.364 | 6.207  | 432.9E6 | 124.3E6  | 48.434   | 49.933     |
| 10)                         | B gamma-Chl...  | 5.255 | 6.085  | 471.2E6 | 135.7E6  | 48.143   | 50.578     |
| 11)                         | B alpha-Chl...  | 5.311 | 6.157  | 463.6E6 | 134.2E6  | 47.810   | 49.753     |
| 12)                         | B 4,4'-DDE      | 5.478 | 6.315  | 428.0E6 | 118.6E6  | 48.757   | 50.772     |
| 13)                         | MA Dieldrin     | 5.604 | 6.464  | 466.7E6 | 128.6E6  | 48.832   | 50.048     |
| 14)                         | MA Endrin       | 5.857 | 6.682  | 398.4E6 | 104.8E6  | 44.243   | 46.047     |
| 15)                         | B Endosulfa...  | 6.131 | 6.891  | 407.5E6 | 115.8E6  | 47.013   | 49.247     |
| 16)                         | A 4,4'-DDD      | 5.990 | 6.805  | 365.3E6 | 100.5E6  | 49.886   | 52.272     |
| 17)                         | MA 4,4'-DDT     | 6.225 | 7.103  | 317.7E6 | 91233734 | 42.360   | 46.231     |
| 18)                         | B Endrin al...  | 6.298 | 7.015  | 342.5E6 | 100.4E6  | 46.851   | 49.128     |
| 19)                         | B Endosulfa...  | 6.510 | 7.238  | 365.3E6 | 109.5E6  | 44.937   | 48.664     |
| 20)                         | A Methoxychlor  | 6.769 | 7.561  | 175.9E6 | 54647655 | 40.045   | 44.522     |
| 21)                         | B Endrin ke...  | 6.992 | 7.707  | 441.9E6 | 118.9E6  | 47.968   | 49.999     |
| 22)                         | Mirex           | 7.169 | 8.159  | 320.0E6 | 92917473 | 43.004   | 46.653     |
| 24)                         | Chlordane-2     | 0.000 | 5.465f | 0       | 138.1E6  | N.D.     | 1143.045 # |
| 25)                         | Chlordane-3     | 5.255 | 6.085  | 471.2E6 | 135.7E6  | 410.778  | 348.271    |
| 26)                         | Chlordane-4     | 5.311 | 6.157  | 463.6E6 | 134.2E6  | 437.343  | 286.900 #  |
| 27)                         | Chlordane-5     | 6.131 | 0.000  | 407.5E6 | 0        | 1180.091 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

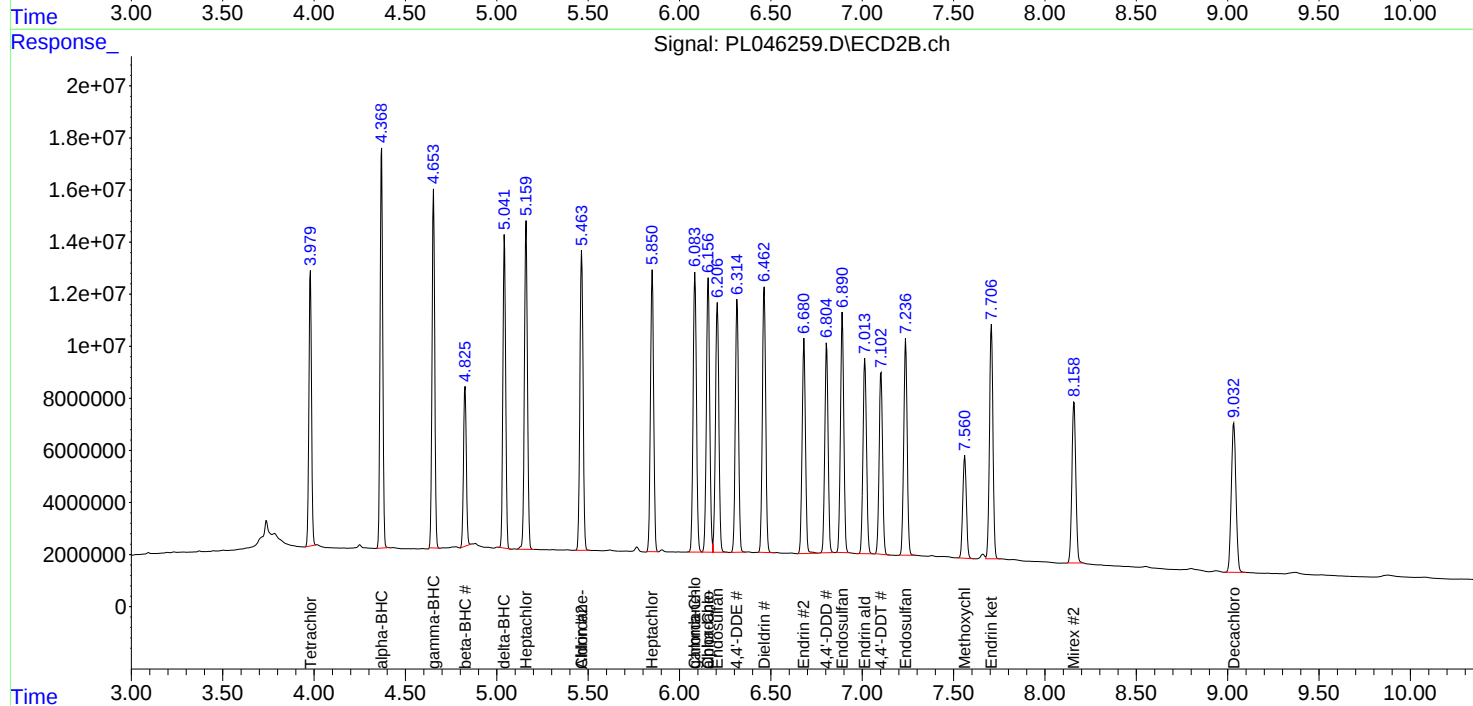
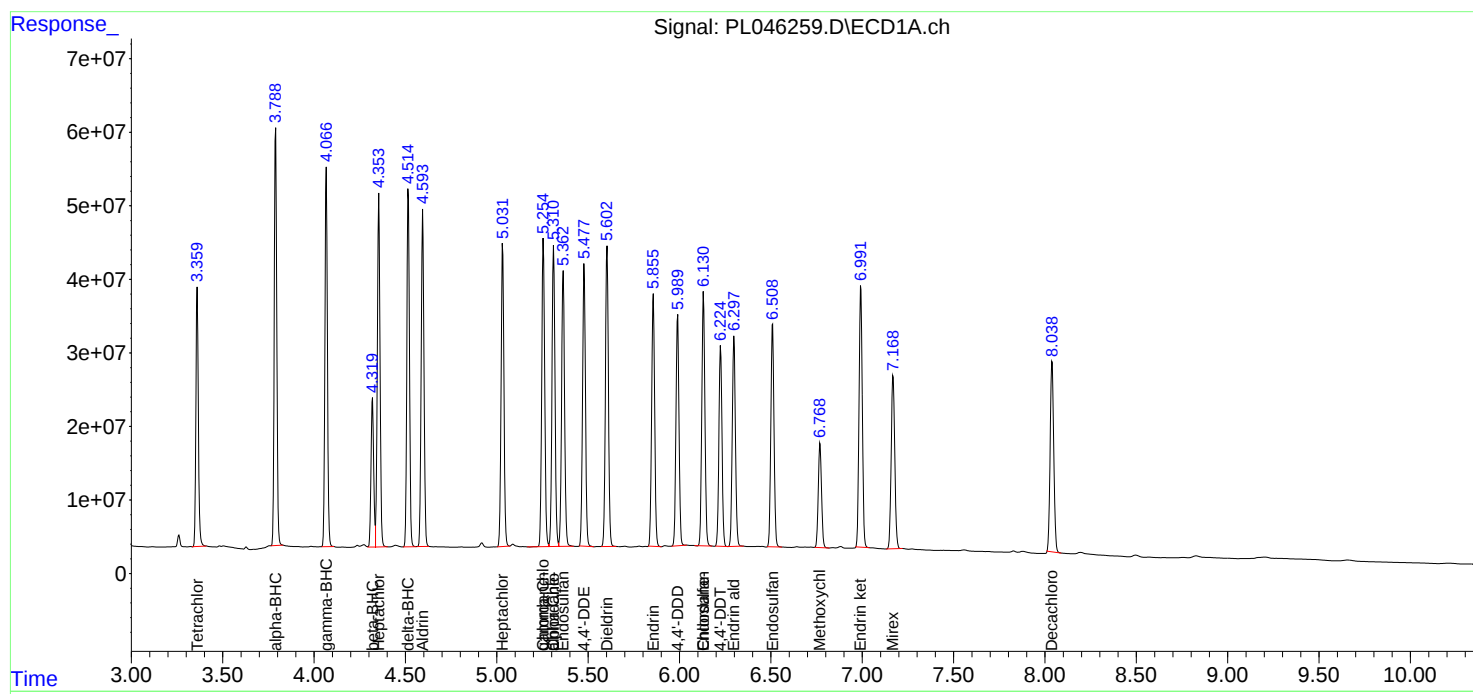
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

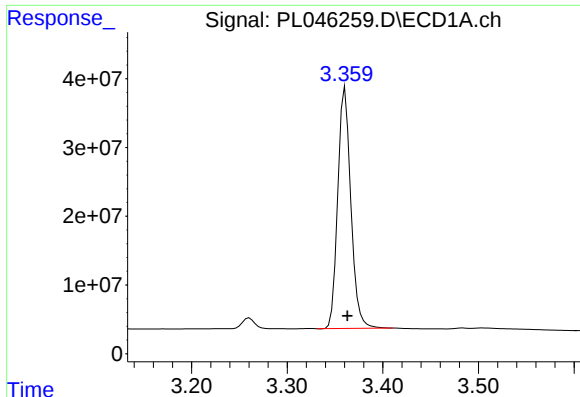
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032019\  
Data File : PL046259.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Mar 2019 07:41  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 21 08:40:30 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
Quant Title : GC Extractables  
QLast Update : Wed Feb 27 17:00:03 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

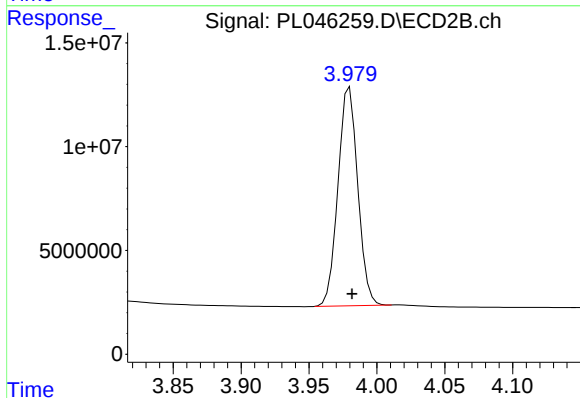




#1 Tetrachloro-m-xylene

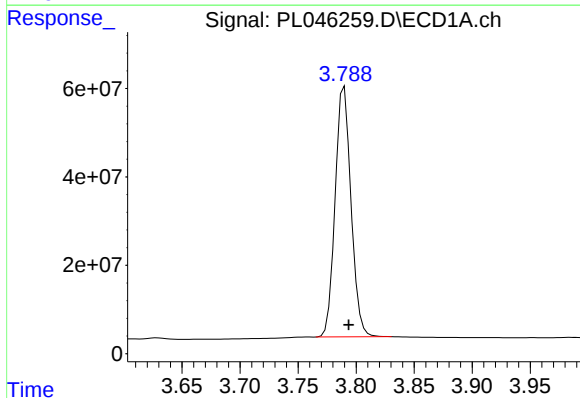
R.T.: 3.361 min  
Delta R.T.: -0.002 min  
Response: 332657093  
Conc: 48.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



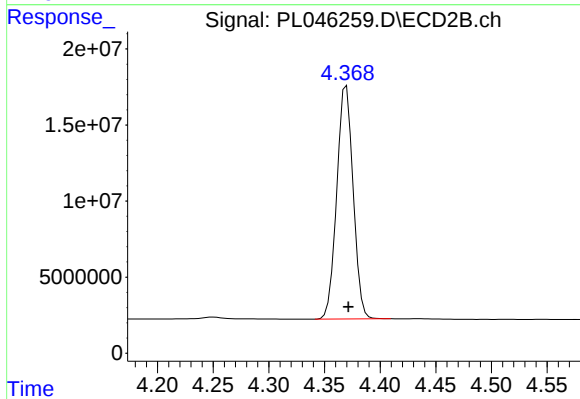
#1 Tetrachloro-m-xylene

R.T.: 3.980 min  
Delta R.T.: -0.002 min  
Response: 106729207  
Conc: 49.84 ng/ml



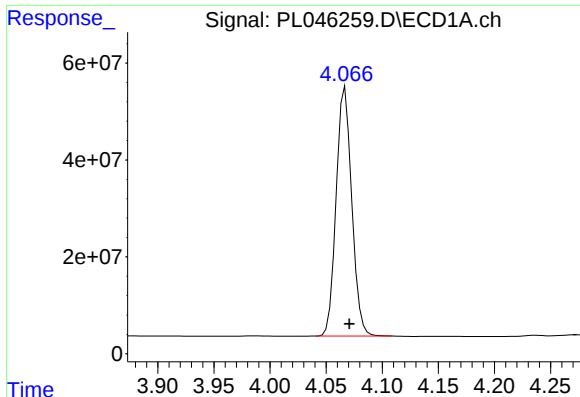
#2 alpha-BHC

R.T.: 3.790 min  
Delta R.T.: -0.004 min  
Response: 541095275  
Conc: 48.72 ng/ml



#2 alpha-BHC

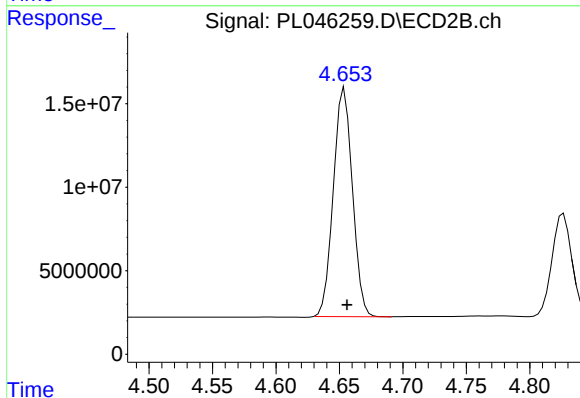
R.T.: 4.370 min  
Delta R.T.: -0.002 min  
Response: 157124079  
Conc: 51.71 ng/ml



#3 gamma-BHC (Lindane)

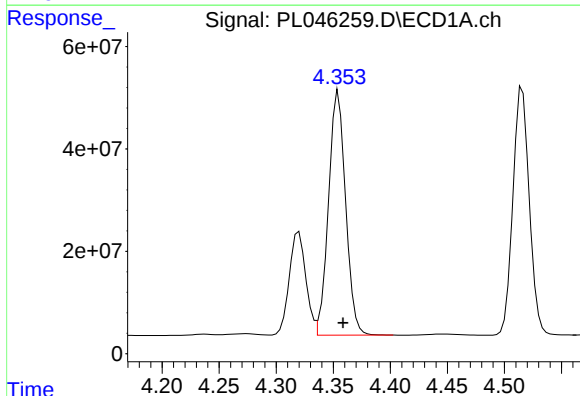
R.T.: 4.067 min  
Delta R.T.: -0.004 min  
Response: 497491867  
Conc: 49.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



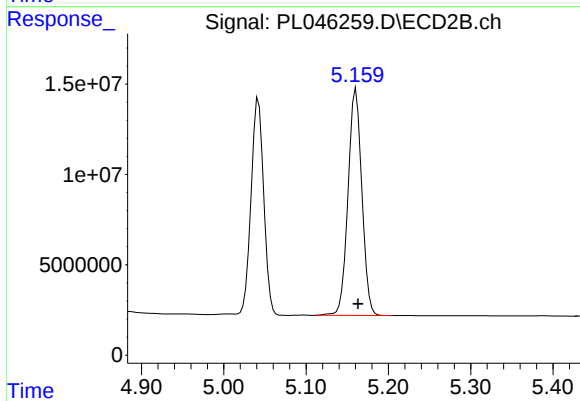
#3 gamma-BHC (Lindane)

R.T.: 4.654 min  
Delta R.T.: -0.002 min  
Response: 143561396  
Conc: 50.83 ng/ml



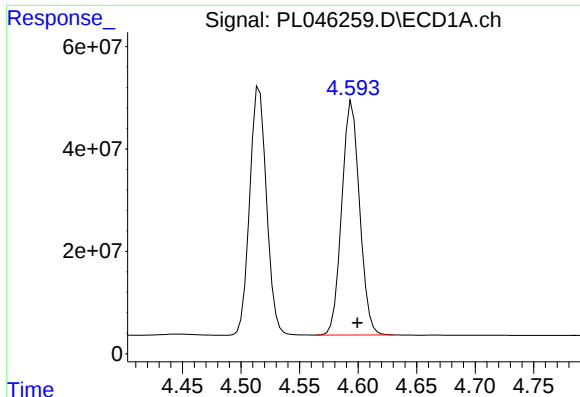
#4 Heptachlor

R.T.: 4.355 min  
Delta R.T.: -0.004 min  
Response: 496873888  
Conc: 47.09 ng/ml



#4 Heptachlor

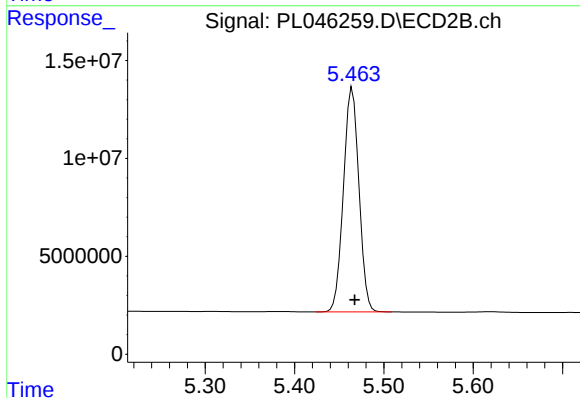
R.T.: 5.161 min  
Delta R.T.: -0.003 min  
Response: 146719440  
Conc: 49.32 ng/ml



#5 Aldrin

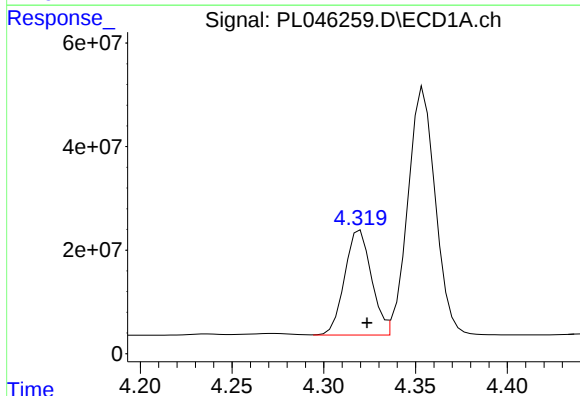
R.T.: 4.595 min  
Delta R.T.: -0.004 min  
Response: 483904312  
Conc: 49.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



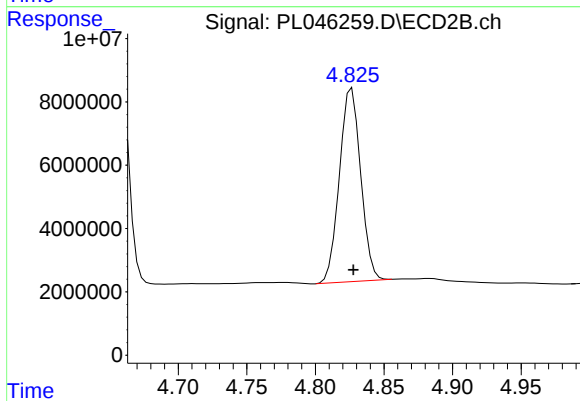
#5 Aldrin

R.T.: 5.465 min  
Delta R.T.: -0.003 min  
Response: 138114286  
Conc: 51.14 ng/ml



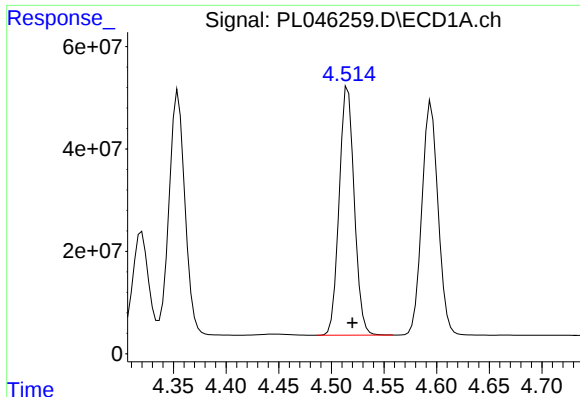
#6 beta-BHC

R.T.: 4.320 min  
Delta R.T.: -0.004 min  
Response: 205628375  
Conc: 47.98 ng/ml



#6 beta-BHC

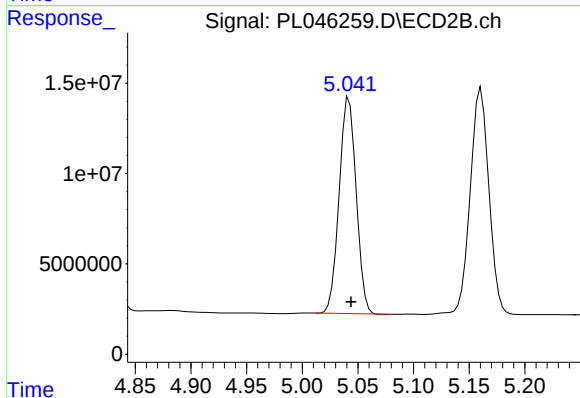
R.T.: 4.827 min  
Delta R.T.: -0.001 min  
Response: 66026539  
Conc: 51.99 ng/ml



#7 delta-BHC

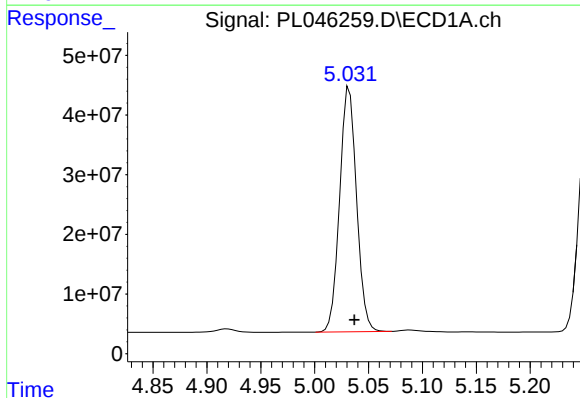
R.T.: 4.516 min  
Delta R.T.: -0.004 min  
Response: 485102669  
Conc: 50.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



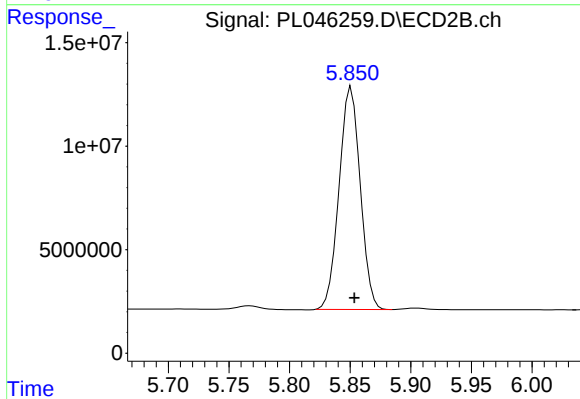
#7 delta-BHC

R.T.: 5.042 min  
Delta R.T.: -0.002 min  
Response: 127468215  
Conc: 59.26 ng/ml



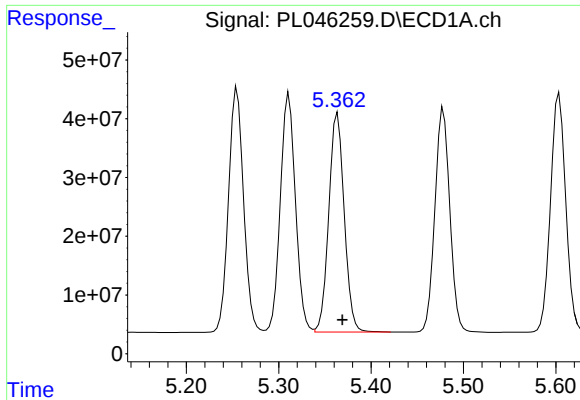
#8 Heptachlor epoxide

R.T.: 5.032 min  
Delta R.T.: -0.005 min  
Response: 448478997  
Conc: 48.05 ng/ml



#8 Heptachlor epoxide

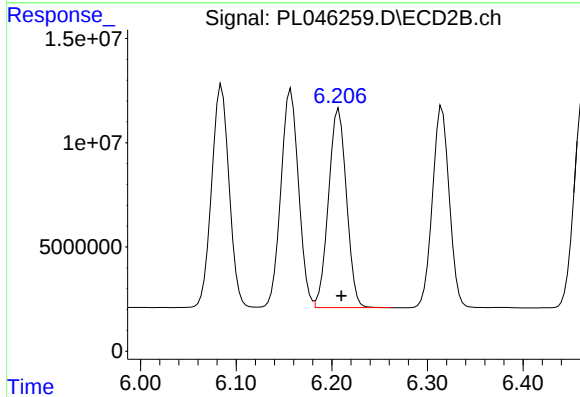
R.T.: 5.851 min  
Delta R.T.: -0.003 min  
Response: 130476338  
Conc: 54.32 ng/ml



#9 Endosulfan I

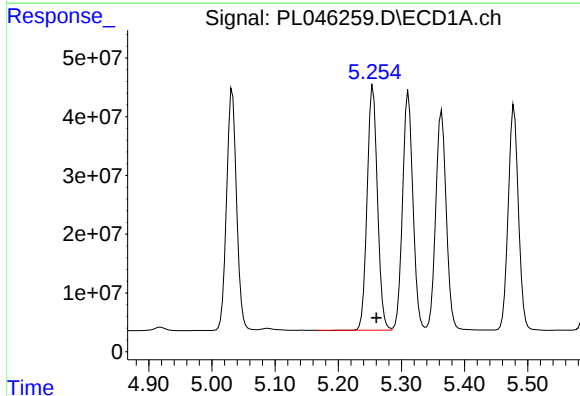
R.T.: 5.364 min  
Delta R.T.: -0.005 min  
Response: 432921048  
Conc: 48.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



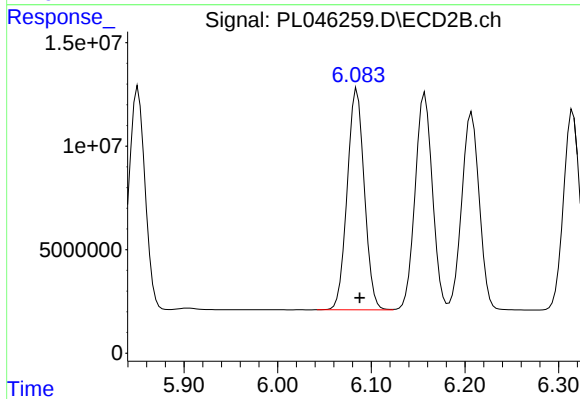
#9 Endosulfan I

R.T.: 6.207 min  
Delta R.T.: -0.003 min  
Response: 124348185  
Conc: 49.93 ng/ml



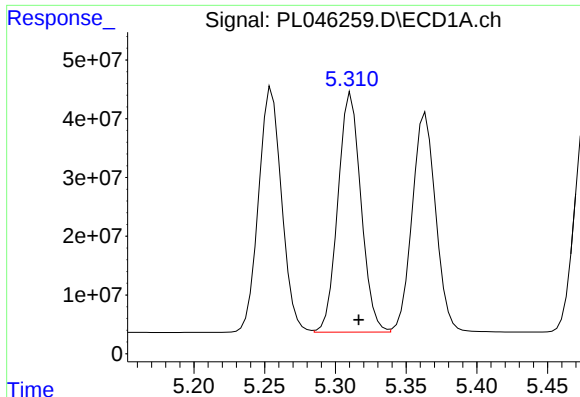
#10 gamma-Chlordane

R.T.: 5.255 min  
Delta R.T.: -0.006 min  
Response: 471170842  
Conc: 48.14 ng/ml



#10 gamma-Chlordane

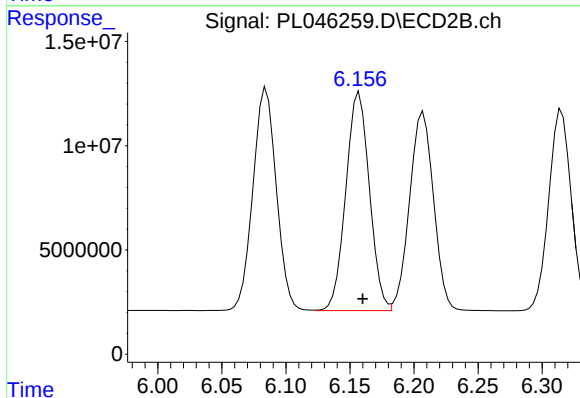
R.T.: 6.085 min  
Delta R.T.: -0.003 min  
Response: 135696622  
Conc: 50.58 ng/ml



#11 alpha-Chlordane

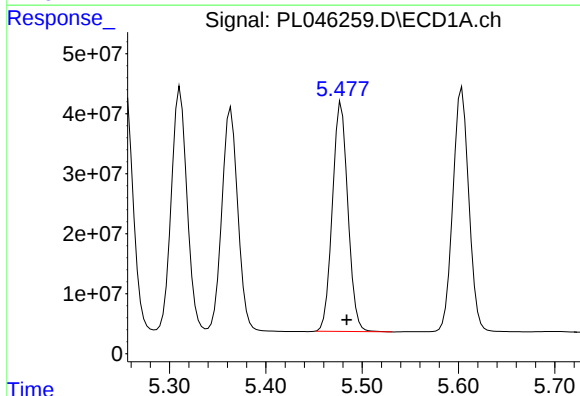
R.T.: 5.311 min  
Delta R.T.: -0.005 min  
Response: 463607272  
Conc: 47.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



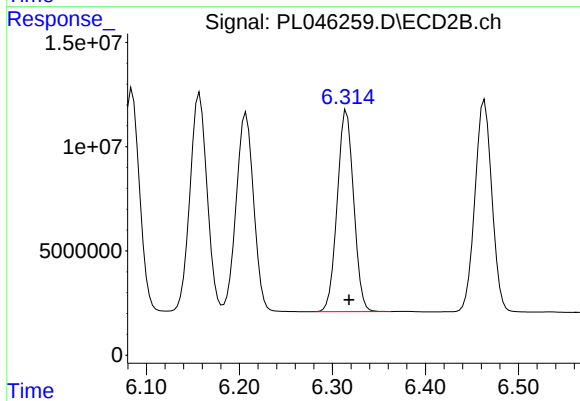
#11 alpha-Chlordane

R.T.: 6.157 min  
Delta R.T.: -0.003 min  
Response: 134219084  
Conc: 49.75 ng/ml



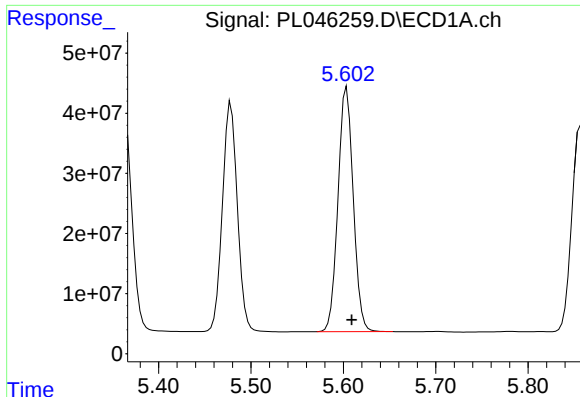
#12 4,4'-DDE

R.T.: 5.478 min  
Delta R.T.: -0.006 min  
Response: 428002072  
Conc: 48.76 ng/ml



#12 4,4'-DDE

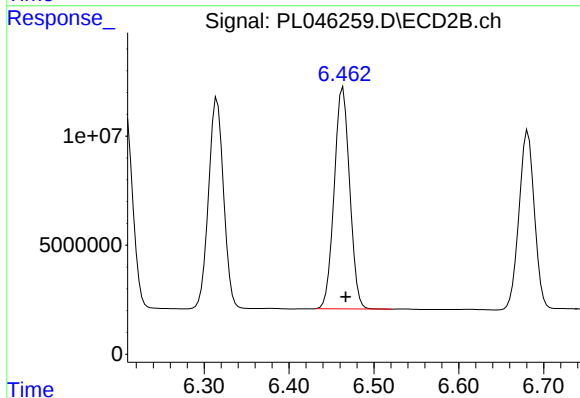
R.T.: 6.315 min  
Delta R.T.: -0.003 min  
Response: 118598517  
Conc: 50.77 ng/ml



#13 Dieldrin

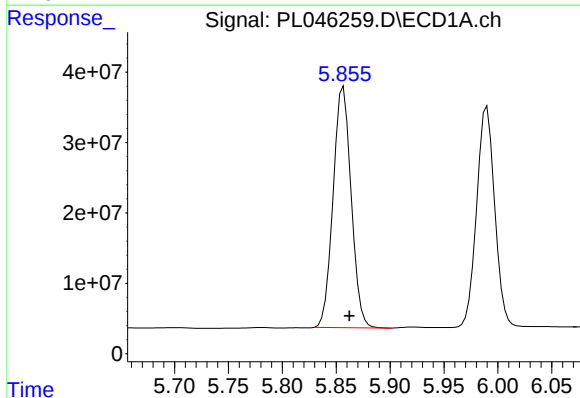
R.T.: 5.604 min  
Delta R.T.: -0.005 min  
Response: 466737332  
Conc: 48.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



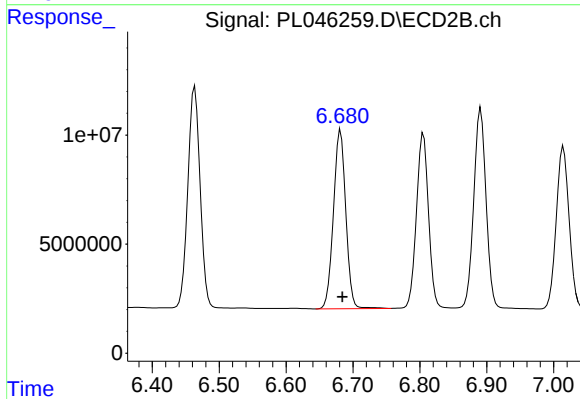
#13 Dieldrin

R.T.: 6.464 min  
Delta R.T.: -0.003 min  
Response: 128608914  
Conc: 50.05 ng/ml



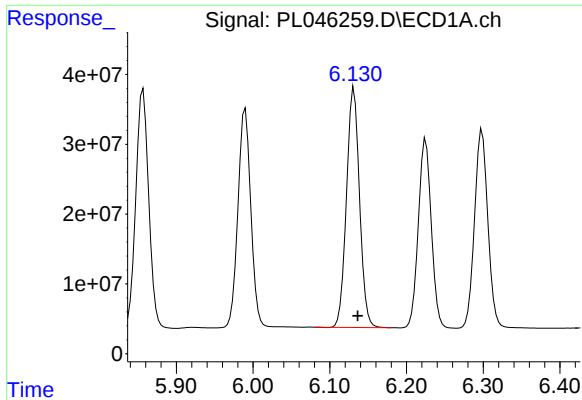
#14 Endrin

R.T.: 5.857 min  
Delta R.T.: -0.006 min  
Response: 398436398  
Conc: 44.24 ng/ml



#14 Endrin

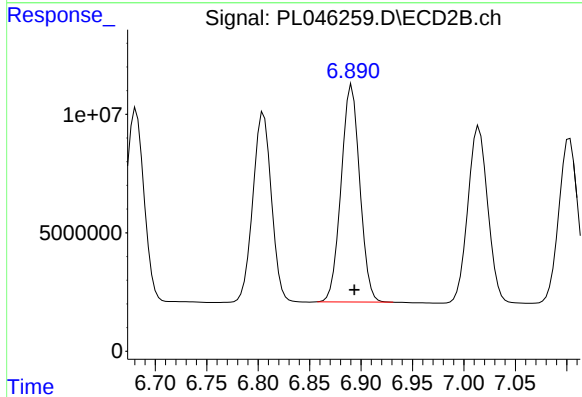
R.T.: 6.682 min  
Delta R.T.: -0.003 min  
Response: 104769162  
Conc: 46.05 ng/ml



#15 Endosulfan II

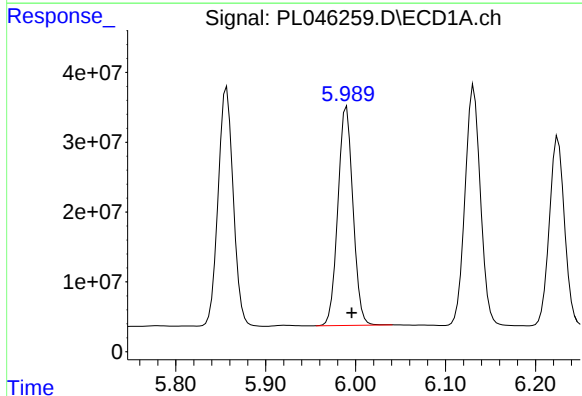
R.T.: 6.131 min  
Delta R.T.: -0.005 min  
Response: 407540328  
Conc: 47.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



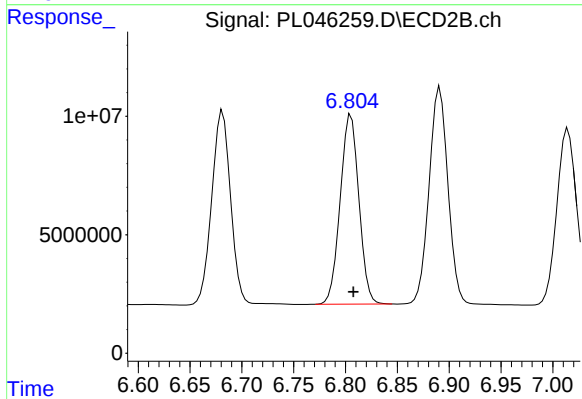
#15 Endosulfan II

R.T.: 6.891 min  
Delta R.T.: -0.003 min  
Response: 115809568  
Conc: 49.25 ng/ml



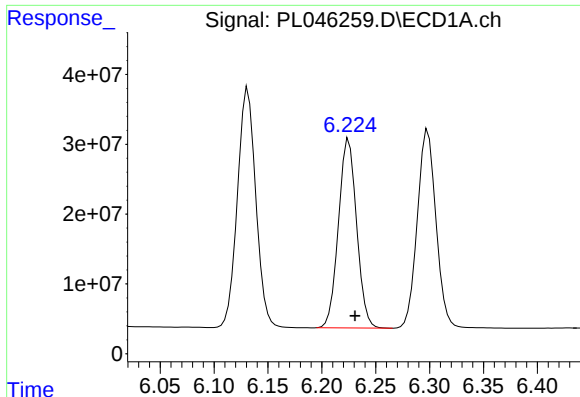
#16 4,4'-DDD

R.T.: 5.990 min  
Delta R.T.: -0.006 min  
Response: 365256565  
Conc: 49.89 ng/ml



#16 4,4'-DDD

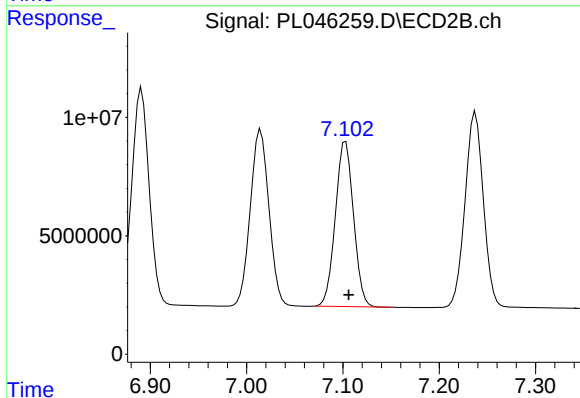
R.T.: 6.805 min  
Delta R.T.: -0.002 min  
Response: 100524068  
Conc: 52.27 ng/ml



#17 4,4'-DDT

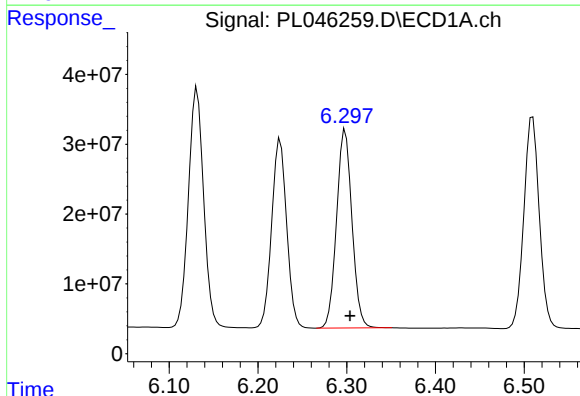
R.T.: 6.225 min  
Delta R.T.: -0.006 min  
Response: 317706523  
Conc: 42.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



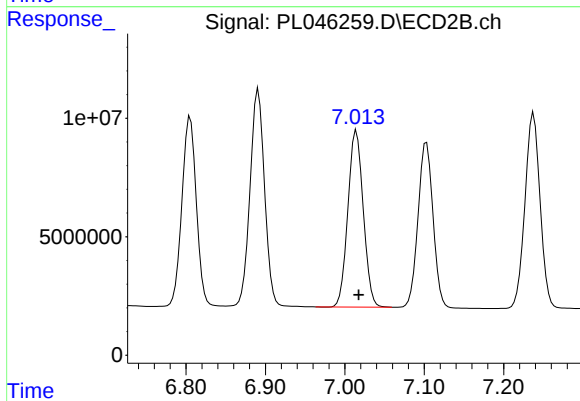
#17 4,4'-DDT

R.T.: 7.103 min  
Delta R.T.: -0.003 min  
Response: 91233734  
Conc: 46.23 ng/ml



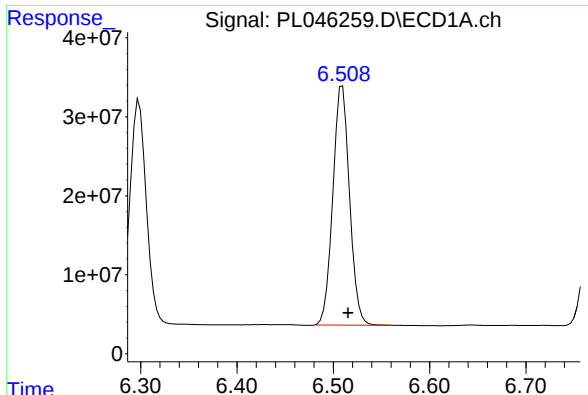
#18 Endrin aldehyde

R.T.: 6.298 min  
Delta R.T.: -0.005 min  
Response: 342462391  
Conc: 46.85 ng/ml



#18 Endrin aldehyde

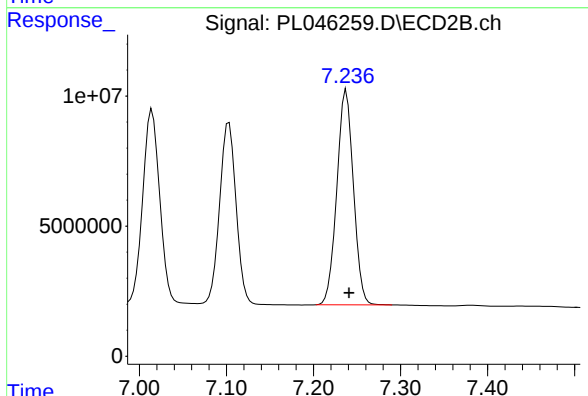
R.T.: 7.015 min  
Delta R.T.: -0.003 min  
Response: 100428002  
Conc: 49.13 ng/ml



#19 Endosulfan Sulfate

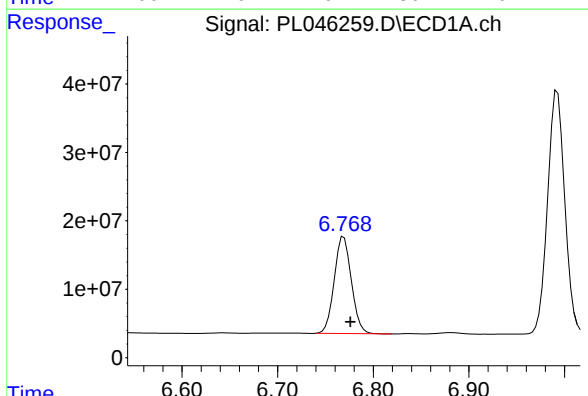
R.T.: 6.510 min  
Delta R.T.: -0.006 min  
Response: 365255657  
Conc: 44.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



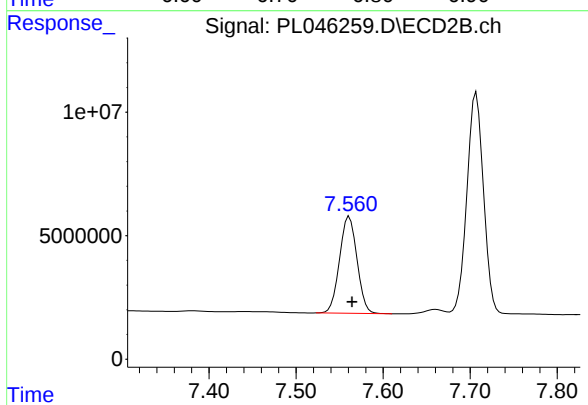
#19 Endosulfan Sulfate

R.T.: 7.238 min  
Delta R.T.: -0.003 min  
Response: 109469542  
Conc: 48.66 ng/ml



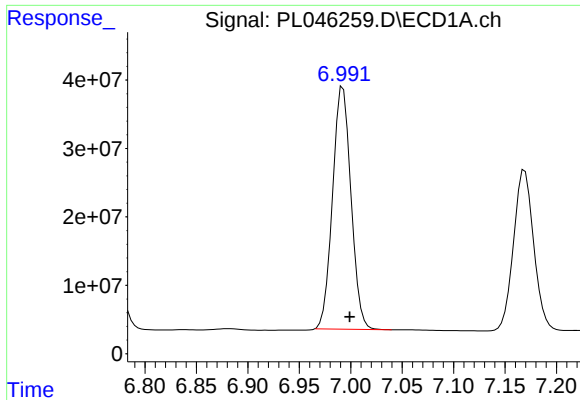
#20 Methoxychlor

R.T.: 6.769 min  
Delta R.T.: -0.007 min  
Response: 175867368  
Conc: 40.05 ng/ml



#20 Methoxychlor

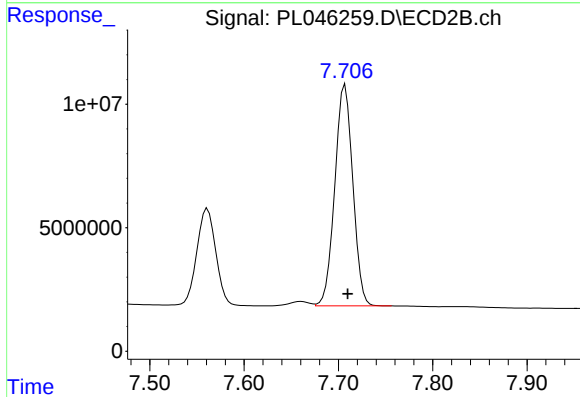
R.T.: 7.561 min  
Delta R.T.: -0.003 min  
Response: 54647655  
Conc: 44.52 ng/ml



#21 Endrin ketone

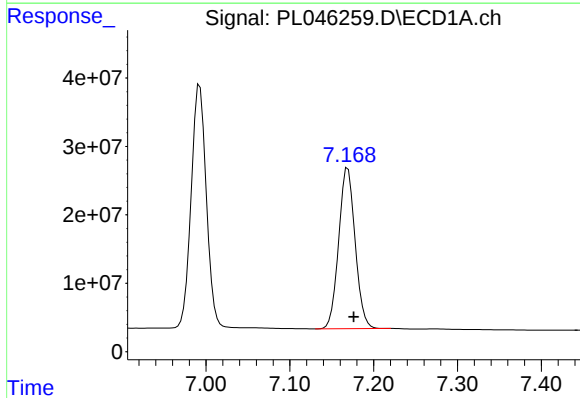
R.T.: 6.992 min  
Delta R.T.: -0.007 min  
Response: 441919098  
Conc: 47.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



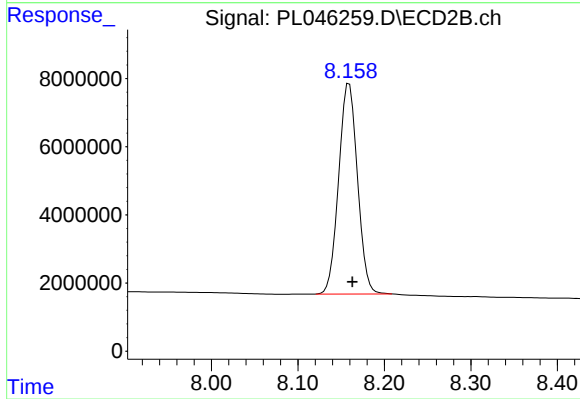
#21 Endrin ketone

R.T.: 7.707 min  
Delta R.T.: -0.003 min  
Response: 118916993  
Conc: 50.00 ng/ml



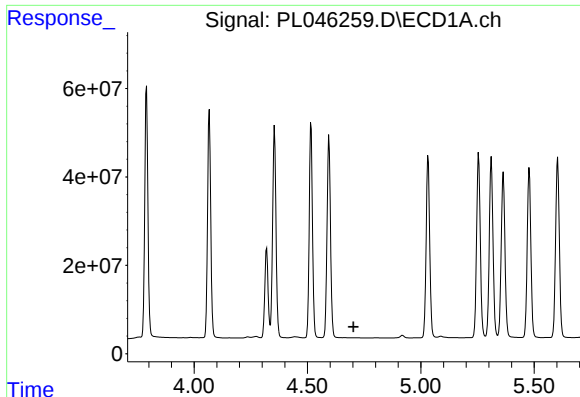
#22 Mirex

R.T.: 7.169 min  
Delta R.T.: -0.007 min  
Response: 319951937  
Conc: 43.00 ng/ml



#22 Mirex

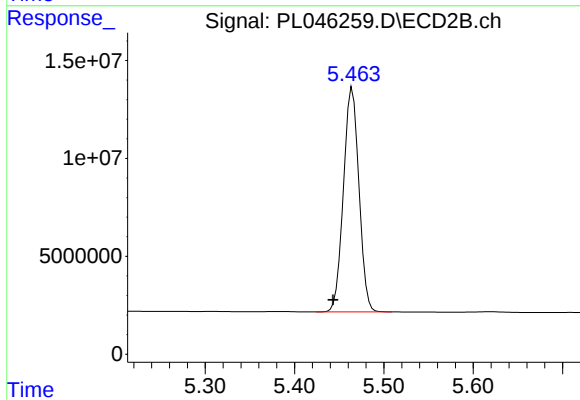
R.T.: 8.159 min  
Delta R.T.: -0.004 min  
Response: 92917473  
Conc: 46.65 ng/ml



#24 Chlordane-2

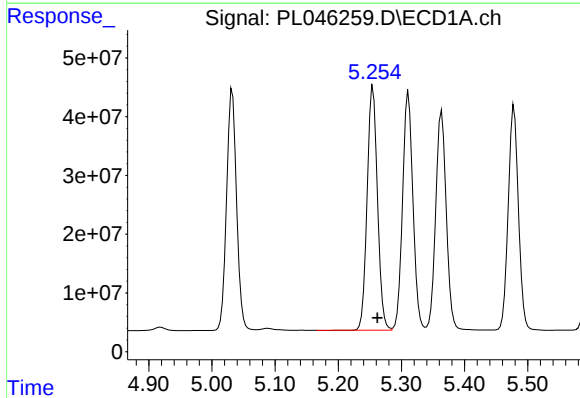
R.T.: 0.000 min  
Exp R.T.: 4.704 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



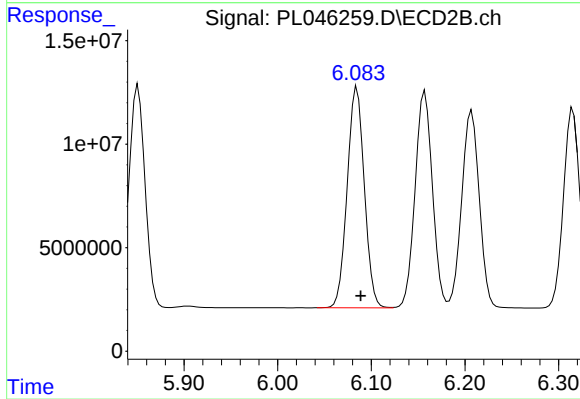
#24 Chlordane-2

R.T.: 5.465 min  
Delta R.T.: 0.022 min  
Response: 138114286  
Conc: 1143.04 ng/ml



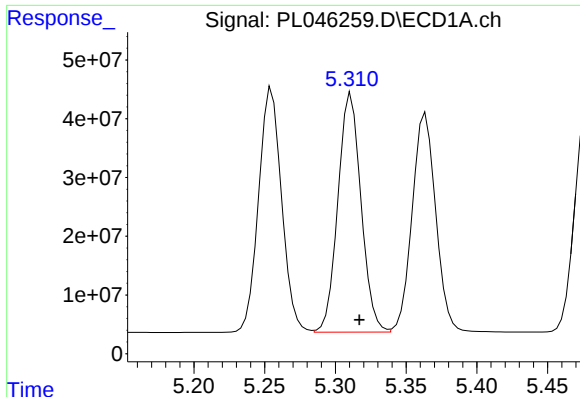
#25 Chlordane-3

R.T.: 5.255 min  
Delta R.T.: -0.007 min  
Response: 471170842  
Conc: 410.78 ng/ml



#25 Chlordane-3

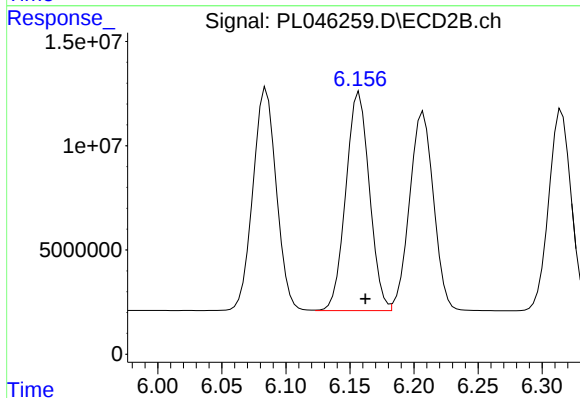
R.T.: 6.085 min  
Delta R.T.: -0.004 min  
Response: 135696622  
Conc: 348.27 ng/ml



#26 Chlordane-4

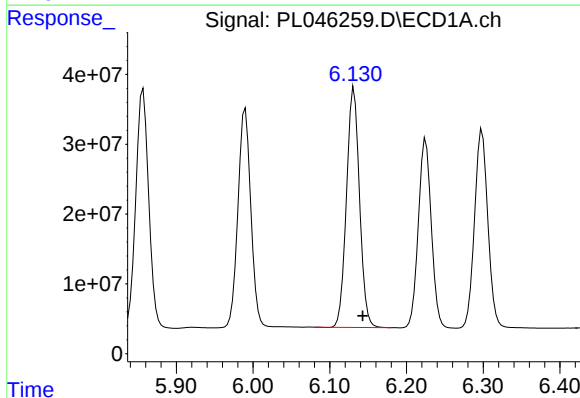
R.T.: 5.311 min  
Delta R.T.: -0.006 min  
Response: 463607272  
Conc: 437.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



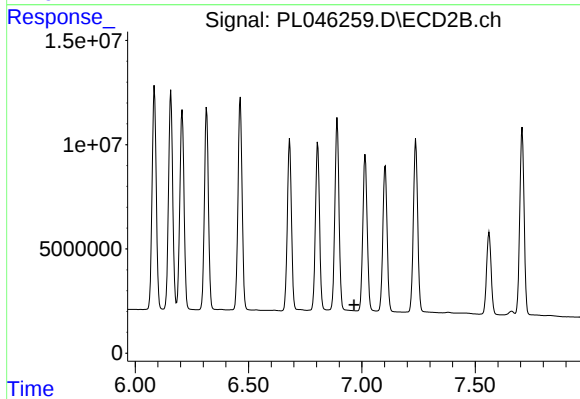
#26 Chlordane-4

R.T.: 6.157 min  
Delta R.T.: -0.005 min  
Response: 134219084  
Conc: 286.90 ng/ml



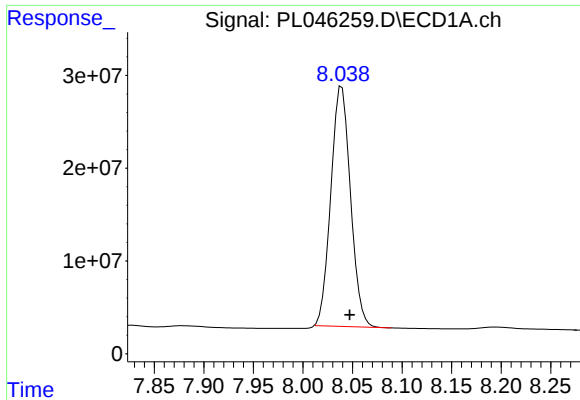
#27 Chlordane-5

R.T.: 6.131 min  
Delta R.T.: -0.011 min  
Response: 407540328  
Conc: 1180.09 ng/ml



#27 Chlordane-5

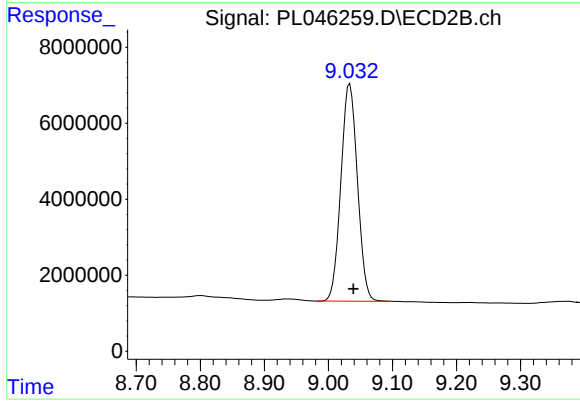
R.T.: 0.000 min  
Exp R.T.: 6.966 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.039 min  
Delta R.T.: -0.008 min  
Response: 356438866  
Conc: 42.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.033 min  
Delta R.T.: -0.005 min  
Response: 102422919  
Conc: 44.83 ng/ml