

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011121\  
 Data File : PL064030.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jan 2021 12:11  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 12 02:01:39 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122220.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 22 14:02:42 2020  
 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... | 3.435  | 4.107  | 142.6E6  | 127.3E6  | 47.560   | 49.859     |
| 28)                         | SA Decachlor... | 8.167  | 9.264  | 138.2E6  | 116.8E6  | 50.148   | 59.235     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.869  | 4.508  | 247.7E6  | 193.3E6  | 49.623   | 53.664     |
| 3)                          | MA gamma-BHC... | 4.149  | 4.800  | 235.0E6  | 182.0E6  | 51.419   | 53.345     |
| 4)                          | MA Heptachlor   | 4.449  | 5.312  | 219.2E6  | 191.1E6  | 52.045   | 59.843     |
| 5)                          | MB Aldrin       | 4.694  | 5.622  | 200.8E6  | 162.7E6  | 50.270   | 56.827     |
| 6)                          | B beta-BHC      | 4.398  | 4.976  | 95332738 | 85484245 | 49.324   | 48.700     |
| 7)                          | B delta-BHC     | 4.600  | 5.197  | 223.9E6  | 168.0E6  | 49.396   | 51.100     |
| 8)                          | B Heptachlor... | 5.135  | 6.016  | 191.6E6  | 136.2E6  | 50.997   | 49.067     |
| 9)                          | A Endosulfan I  | 5.471  | 6.379  | 176.6E6  | 141.3E6  | 51.016   | 56.182     |
| 10)                         | B gamma-Chl...  | 5.361  | 6.251  | 193.7E6  | 157.2E6  | 50.954   | 56.798     |
| 11)                         | B alpha-Chl...  | 5.419  | 6.325  | 191.6E6  | 158.5E6  | 51.064   | 57.428     |
| 12)                         | B 4,4'-DDE      | 5.586  | 6.481  | 179.7E6  | 142.0E6  | 52.270   | 57.481     |
| 13)                         | MA Dieldrin     | 5.712  | 6.639  | 188.6E6  | 146.0E6  | 52.033   | 56.043     |
| 14)                         | MA Endrin       | 5.967  | 6.861  | 173.8E6  | 123.3E6  | 59.624   | 63.535     |
| 15)                         | B Endosulfa...  | 6.240  | 7.074  | 170.1E6  | 124.9E6  | 51.612   | 52.995     |
| 16)                         | A 4,4'-DDD      | 6.098  | 6.979  | 149.4E6  | 111.6E6  | 51.077   | 52.809     |
| 17)                         | MA 4,4'-DDT     | 6.339  | 7.278  | 158.1E6  | 119.8E6  | 59.642   | 61.599     |
| 18)                         | B Endrin al...  | 6.408  | 7.199  | 142.6E6  | 110.2E6  | 51.538   | 54.649     |
| 19)                         | B Endosulfa...  | 6.620  | 7.423  | 170.1E6  | 122.5E6  | 54.027   | 54.476     |
| 20)                         | A Methoxychlor  | 6.886  | 7.737  | 82465625 | 67685591 | 62.770   | 64.154     |
| 21)                         | B Endrin ke...  | 7.106  | 7.901  | 183.3E6  | 124.6E6  | 52.721   | 50.532     |
| 22)                         | Mirex           | 7.293  | 8.354  | 133.2E6  | 96951026 | 53.055   | 53.747     |
| 24)                         | Chlordane-2     | 0.000  | 5.622f | 0        | 162.7E6  | N.D.     | 1685.804 # |
| 25)                         | Chlordane-3     | 5.361  | 6.251  | 193.7E6  | 157.2E6  | 592.833  | 458.663    |
| 26)                         | Chlordane-4     | 5.419  | 6.325  | 191.6E6  | 158.5E6  | 715.951  | 385.652 #  |
| 27)                         | Chlordane-5     | 6.240f | 0.000  | 170.1E6  | 0        | 1582.053 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

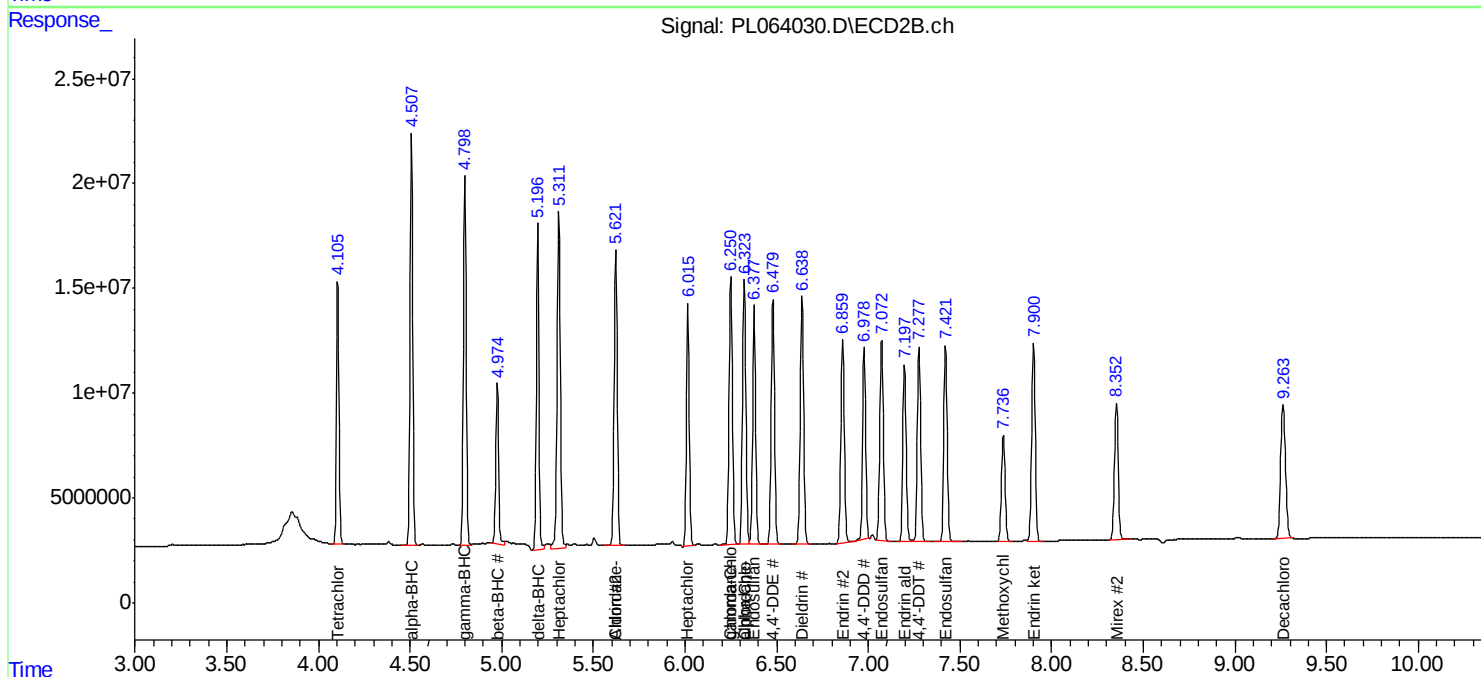
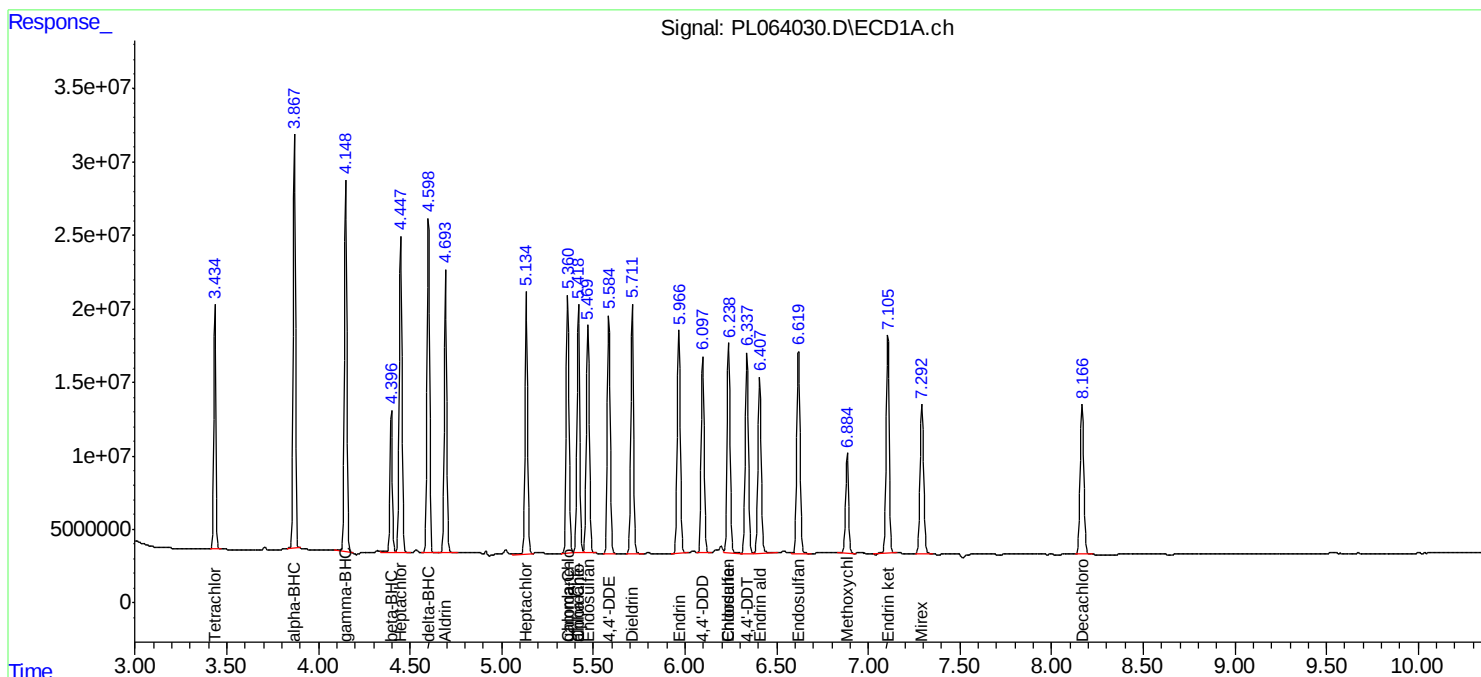
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

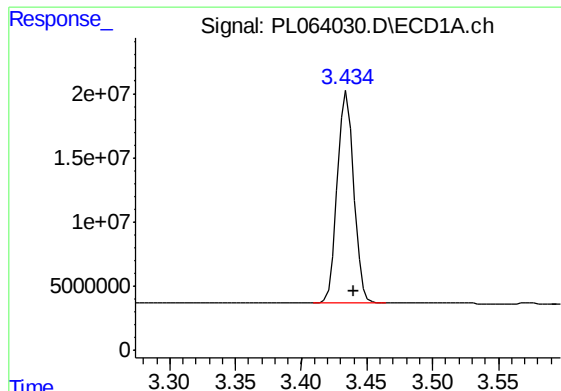
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011121\  
Data File : PL064030.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jan 2021 12:11  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 12 02:01:39 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122220.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 22 14:02:42 2020  
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

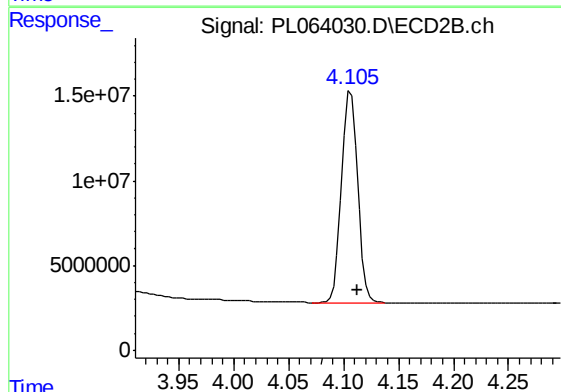




#1 Tetrachloro-m-xylene

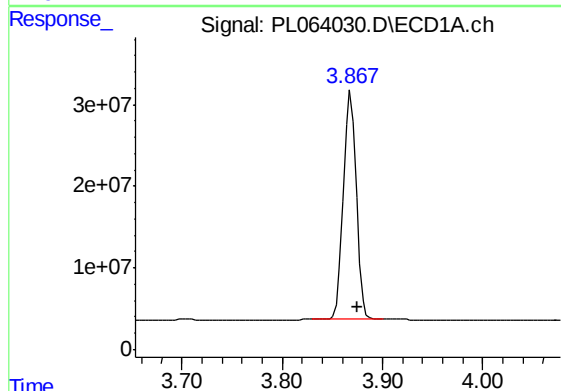
R.T.: 3.435 min  
Delta R.T.: -0.005 min  
Response: 142582104  
Conc: 47.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



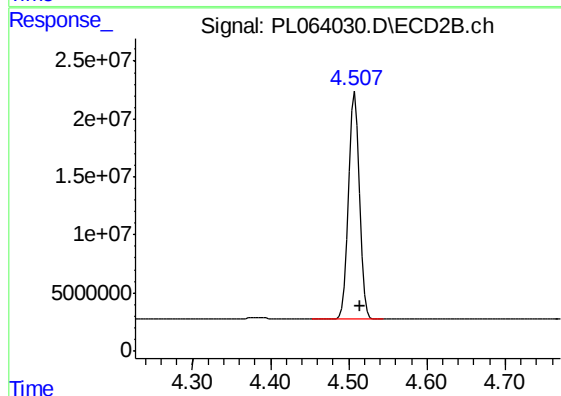
#1 Tetrachloro-m-xylene

R.T.: 4.107 min  
Delta R.T.: -0.006 min  
Response: 127292585  
Conc: 49.86 ng/ml



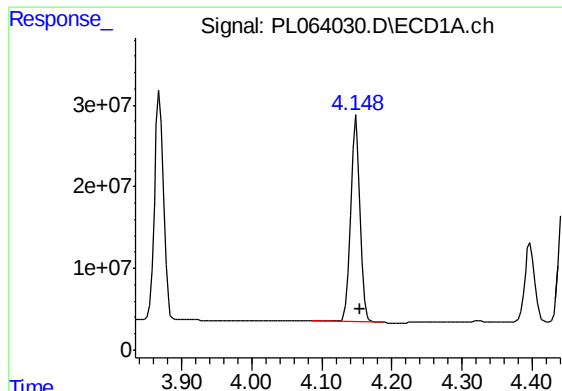
#2 alpha-BHC

R.T.: 3.869 min  
Delta R.T.: -0.006 min  
Response: 247722309  
Conc: 49.62 ng/ml



#2 alpha-BHC

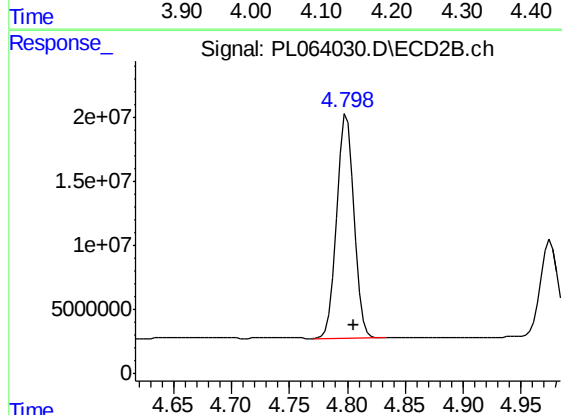
R.T.: 4.508 min  
Delta R.T.: -0.006 min  
Response: 193318959  
Conc: 53.66 ng/ml



#3 gamma-BHC (Lindane)

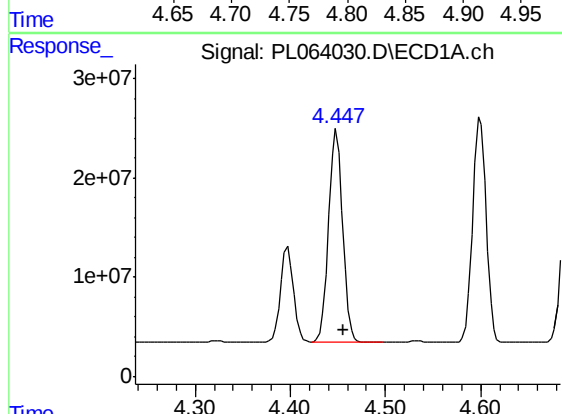
R.T.: 4.149 min  
Delta R.T.: -0.006 min  
Response: 235039060  
Conc: 51.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



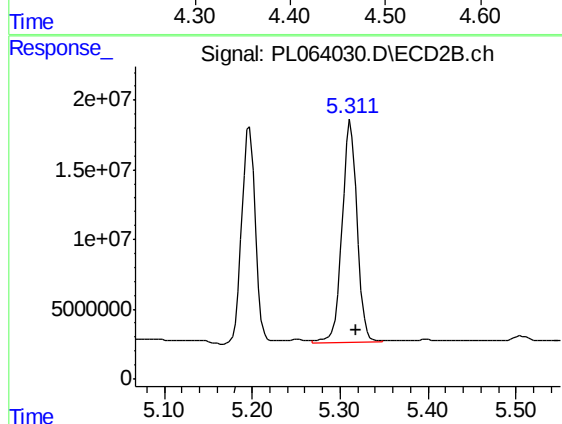
#3 gamma-BHC (Lindane)

R.T.: 4.800 min  
Delta R.T.: -0.006 min  
Response: 181971670  
Conc: 53.34 ng/ml



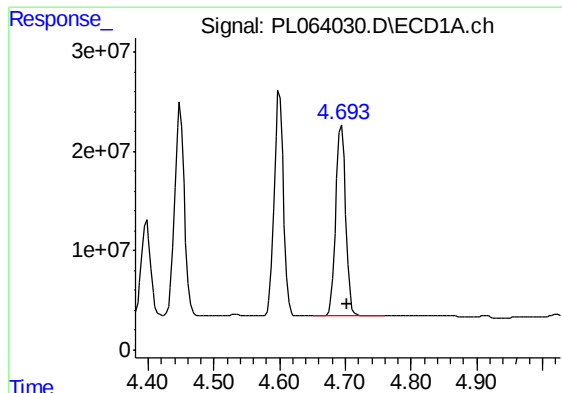
#4 Heptachlor

R.T.: 4.449 min  
Delta R.T.: -0.007 min  
Response: 219170343  
Conc: 52.04 ng/ml



#4 Heptachlor

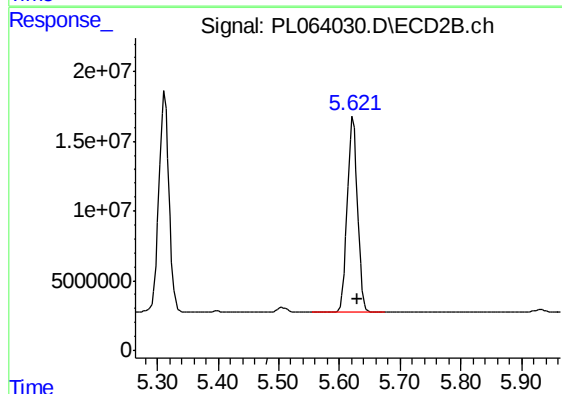
R.T.: 5.312 min  
Delta R.T.: -0.006 min  
Response: 191077488  
Conc: 59.84 ng/ml



#5 Aldrin

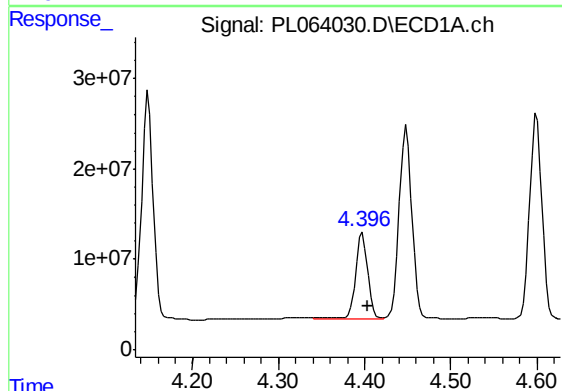
R.T.: 4.694 min  
Delta R.T.: -0.008 min  
Response: 200786461  
Conc: 50.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



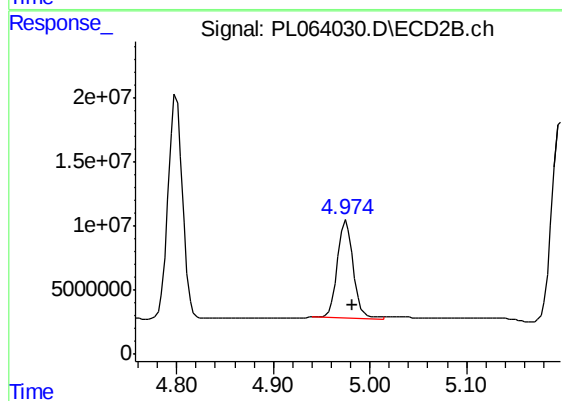
#5 Aldrin

R.T.: 5.622 min  
Delta R.T.: -0.007 min  
Response: 162659997  
Conc: 56.83 ng/ml



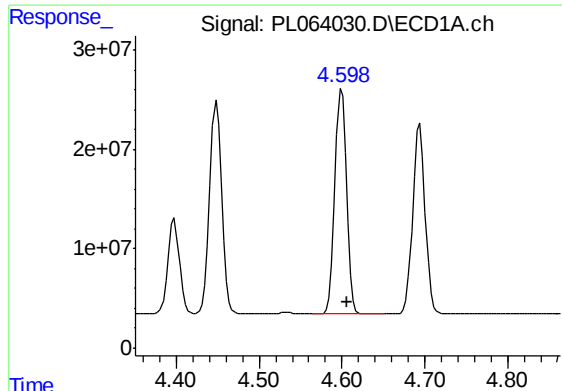
#6 beta-BHC

R.T.: 4.398 min  
Delta R.T.: -0.006 min  
Response: 95332738  
Conc: 49.32 ng/ml



#6 beta-BHC

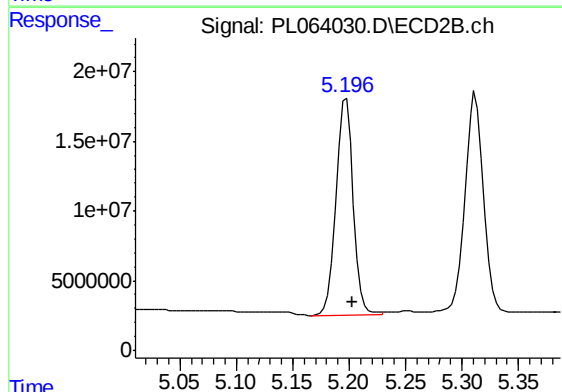
R.T.: 4.976 min  
Delta R.T.: -0.006 min  
Response: 85484245  
Conc: 48.70 ng/ml



#7 delta-BHC

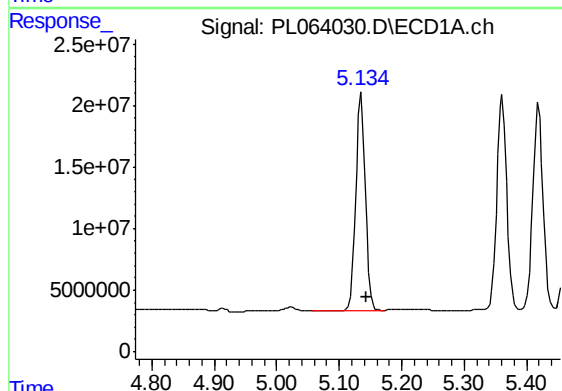
R.T.: 4.600 min  
Delta R.T.: -0.007 min  
Response: 223876680  
Conc: 49.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



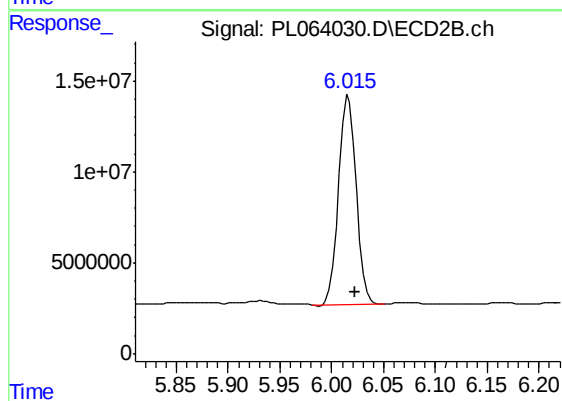
#7 delta-BHC

R.T.: 5.197 min  
Delta R.T.: -0.006 min  
Response: 167987524  
Conc: 51.10 ng/ml



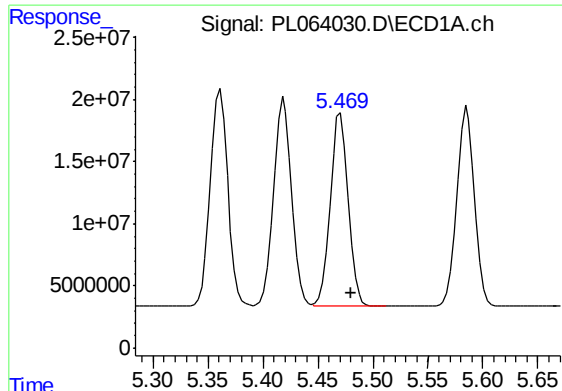
#8 Heptachlor epoxide

R.T.: 5.135 min  
Delta R.T.: -0.009 min  
Response: 191591019  
Conc: 51.00 ng/ml



#8 Heptachlor epoxide

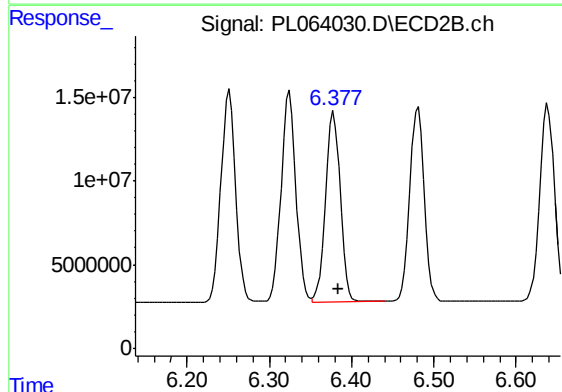
R.T.: 6.016 min  
Delta R.T.: -0.006 min  
Response: 136164134  
Conc: 49.07 ng/ml



#9 Endosulfan I

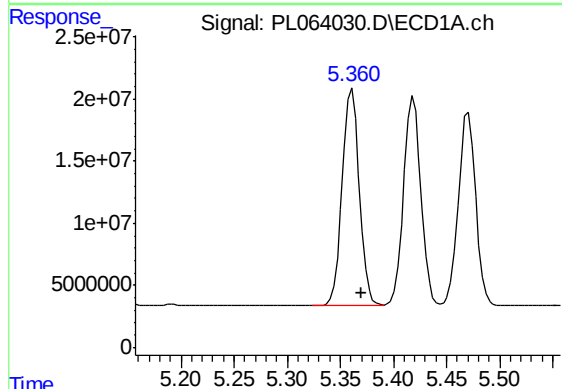
R.T.: 5.471 min  
Delta R.T.: -0.010 min  
Response: 176635825  
Conc: 51.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



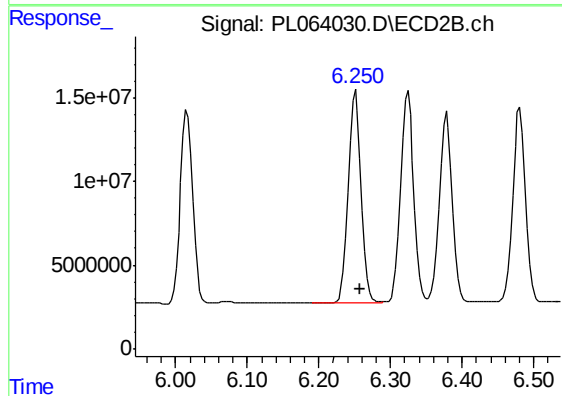
#9 Endosulfan I

R.T.: 6.379 min  
Delta R.T.: -0.006 min  
Response: 141321872  
Conc: 56.18 ng/ml



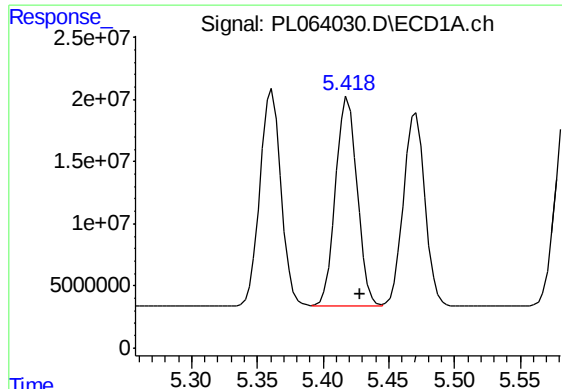
#10 gamma-Chlordane

R.T.: 5.361 min  
Delta R.T.: -0.009 min  
Response: 193719619  
Conc: 50.95 ng/ml



#10 gamma-Chlordane

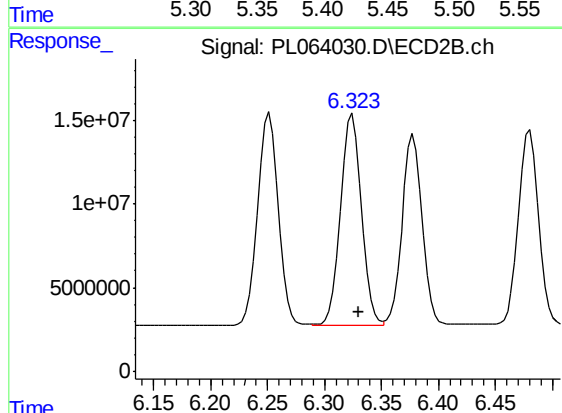
R.T.: 6.251 min  
Delta R.T.: -0.007 min  
Response: 157155044  
Conc: 56.80 ng/ml



#11 alpha-Chlordane

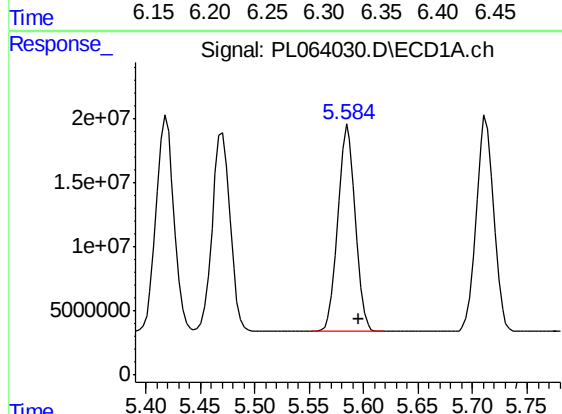
R.T.: 5.419 min  
Delta R.T.: -0.009 min  
Response: 191561510  
Conc: 51.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



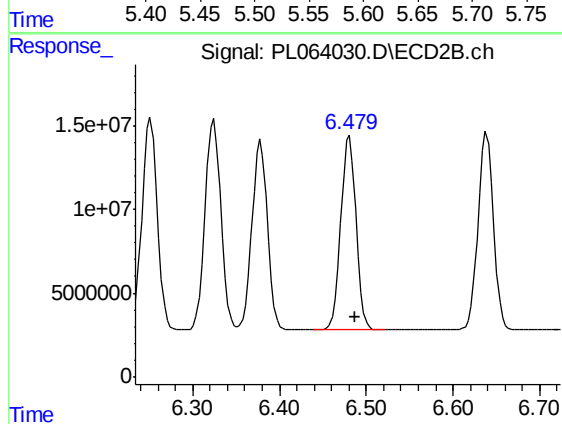
#11 alpha-Chlordane

R.T.: 6.325 min  
Delta R.T.: -0.006 min  
Response: 158515255  
Conc: 57.43 ng/ml



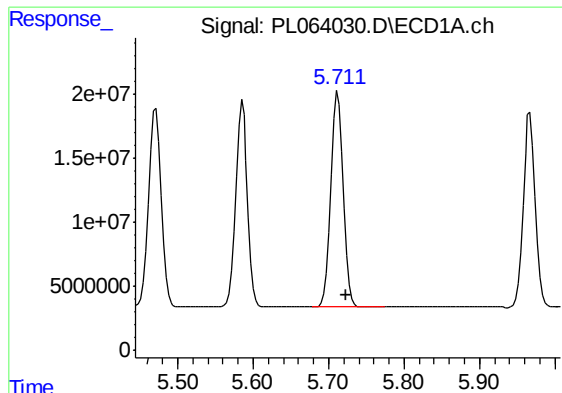
#12 4,4'-DDE

R.T.: 5.586 min  
Delta R.T.: -0.009 min  
Response: 179693942  
Conc: 52.27 ng/ml



#12 4,4'-DDE

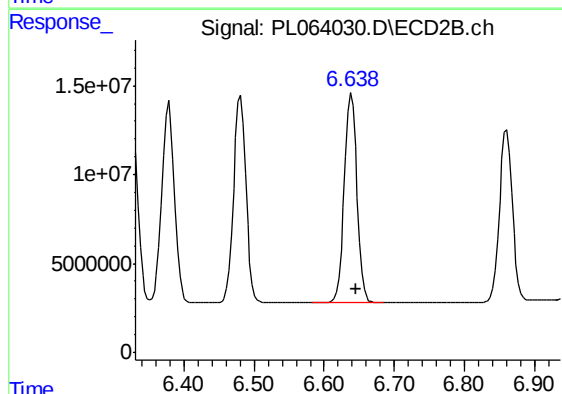
R.T.: 6.481 min  
Delta R.T.: -0.006 min  
Response: 141956901  
Conc: 57.48 ng/ml



#13 Dielddrin

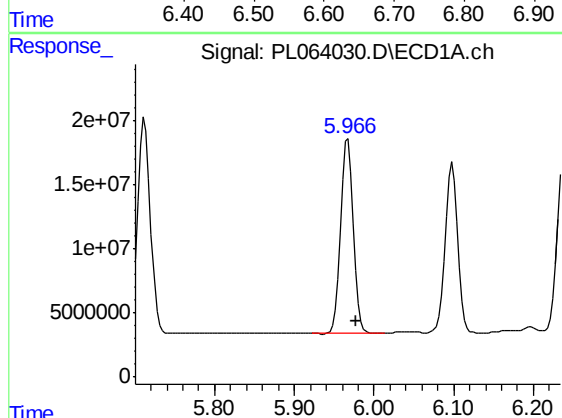
R.T.: 5.712 min  
Delta R.T.: -0.010 min  
Response: 188591534  
Conc: 52.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



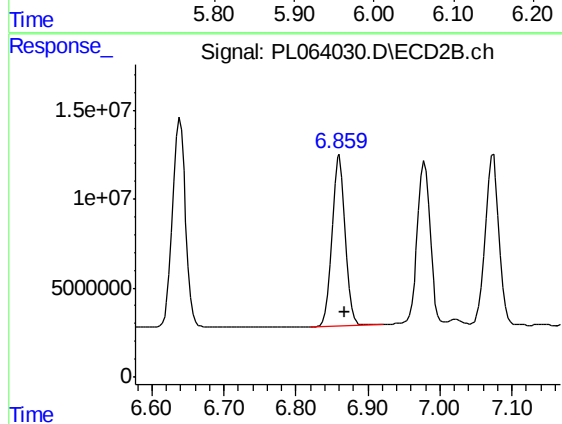
#13 Dielddrin

R.T.: 6.639 min  
Delta R.T.: -0.006 min  
Response: 145994245  
Conc: 56.04 ng/ml



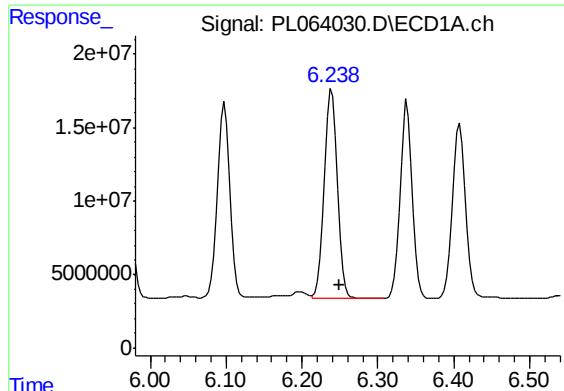
#14 Endrin

R.T.: 5.967 min  
Delta R.T.: -0.010 min  
Response: 173767974  
Conc: 59.62 ng/ml



#14 Endrin

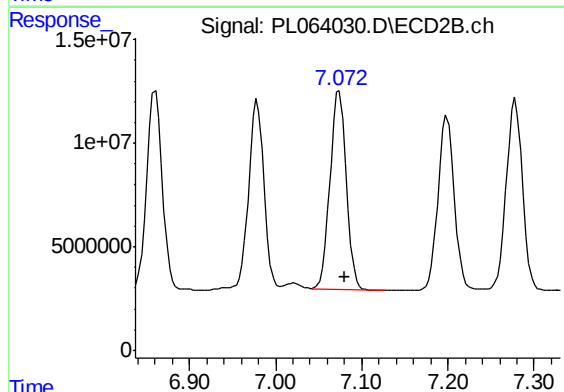
R.T.: 6.861 min  
Delta R.T.: -0.007 min  
Response: 123297557  
Conc: 63.54 ng/ml



#15 Endosulfan II

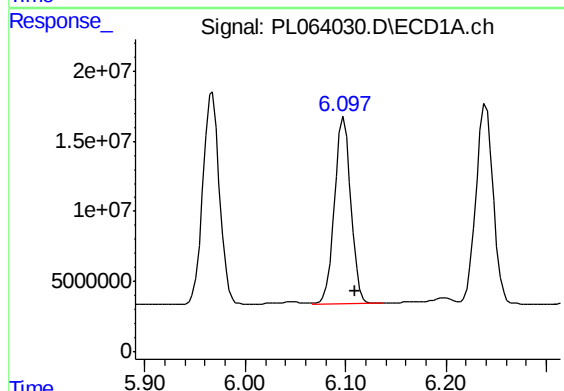
R.T.: 6.240 min  
Delta R.T.: -0.011 min  
Response: 170133047  
Conc: 51.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



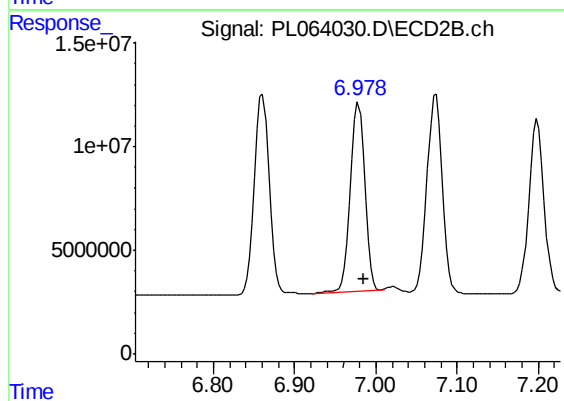
#15 Endosulfan II

R.T.: 7.074 min  
Delta R.T.: -0.006 min  
Response: 124931021  
Conc: 53.00 ng/ml



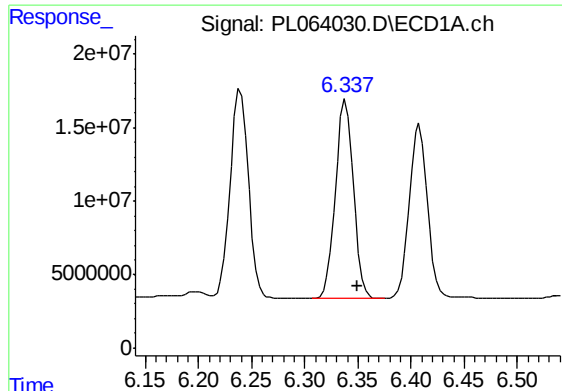
#16 4,4'-DDD

R.T.: 6.098 min  
Delta R.T.: -0.011 min  
Response: 149391595  
Conc: 51.08 ng/ml



#16 4,4'-DDD

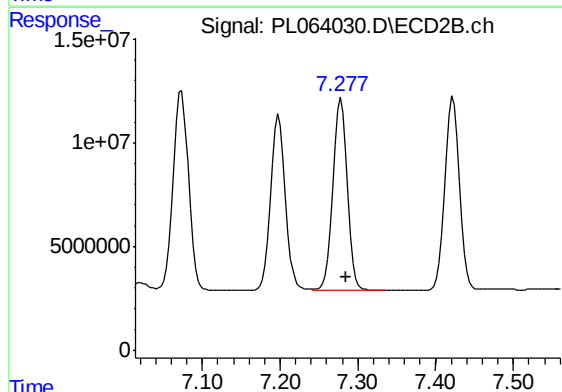
R.T.: 6.979 min  
Delta R.T.: -0.006 min  
Response: 111648735  
Conc: 52.81 ng/ml



#17 4,4'-DDT

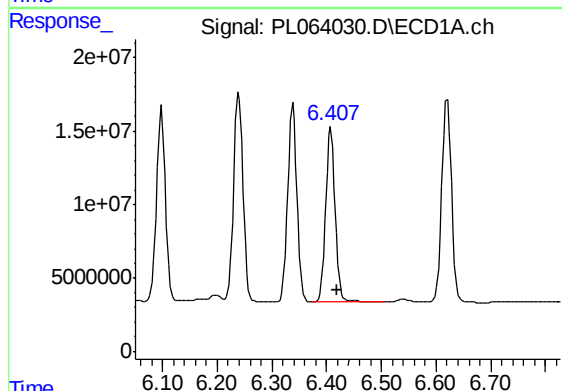
R.T.: 6.339 min  
Delta R.T.: -0.011 min  
Response: 158053207  
Conc: 59.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



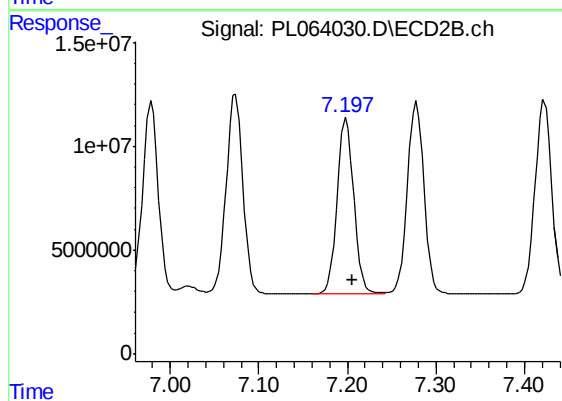
#17 4,4'-DDT

R.T.: 7.278 min  
Delta R.T.: -0.006 min  
Response: 119837429  
Conc: 61.60 ng/ml



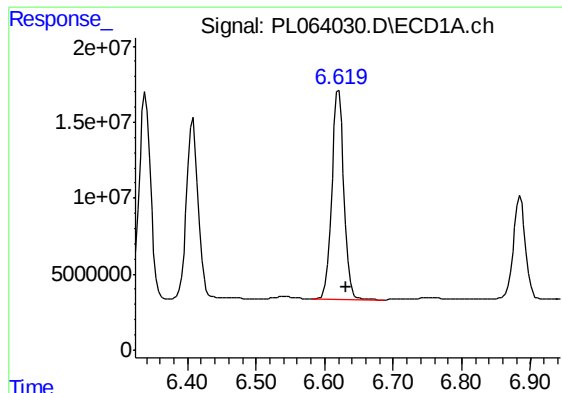
#18 Endrin aldehyde

R.T.: 6.408 min  
Delta R.T.: -0.011 min  
Response: 142632297  
Conc: 51.54 ng/ml



#18 Endrin aldehyde

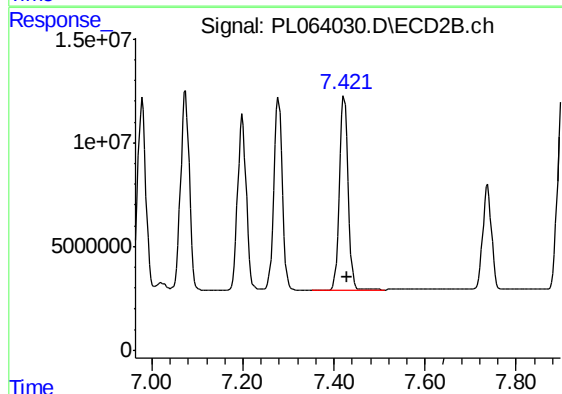
R.T.: 7.199 min  
Delta R.T.: -0.007 min  
Response: 110172242  
Conc: 54.65 ng/ml



#19 Endosulfan Sulfate

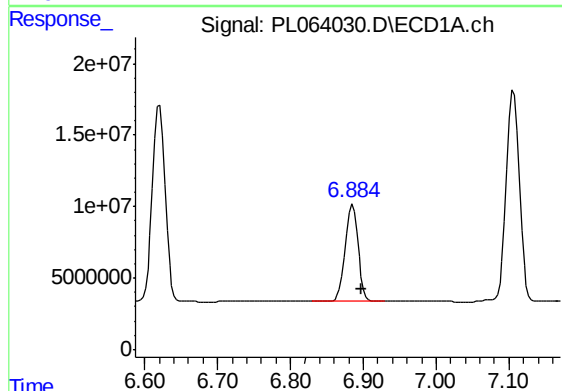
R.T.: 6.620 min  
Delta R.T.: -0.011 min  
Response: 170121261  
Conc: 54.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



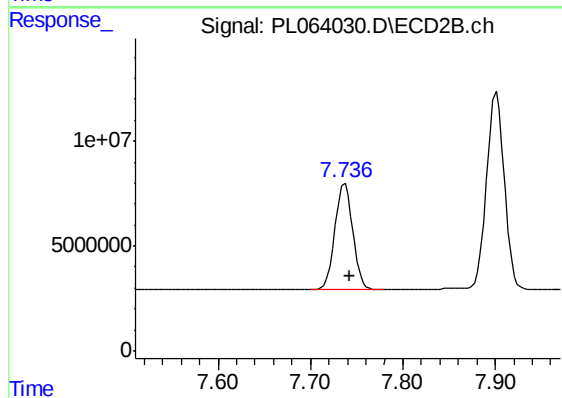
#19 Endosulfan Sulfate

R.T.: 7.423 min  
Delta R.T.: -0.006 min  
Response: 122511947  
Conc: 54.48 ng/ml



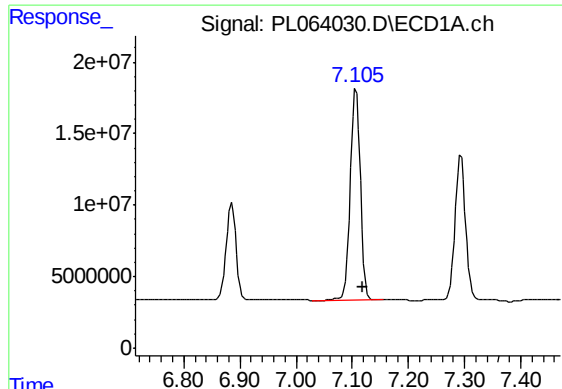
#20 Methoxychlor

R.T.: 6.886 min  
Delta R.T.: -0.012 min  
Response: 82465625  
Conc: 62.77 ng/ml



#20 Methoxychlor

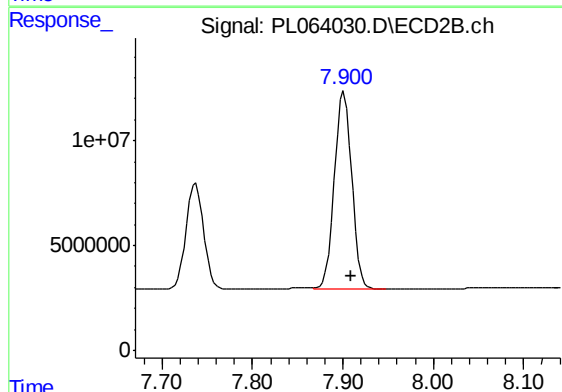
R.T.: 7.737 min  
Delta R.T.: -0.006 min  
Response: 67685591  
Conc: 64.15 ng/ml



#21 Endrin ketone

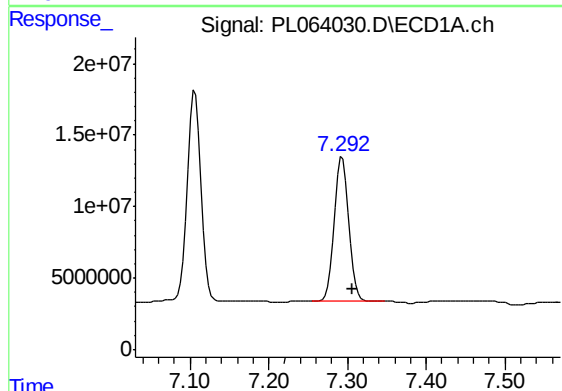
R.T.: 7.106 min  
Delta R.T.: -0.013 min  
Response: 183294474  
Conc: 52.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



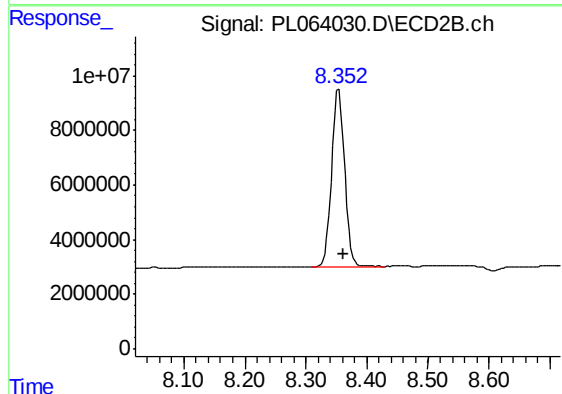
#21 Endrin ketone

R.T.: 7.901 min  
Delta R.T.: -0.007 min  
Response: 124615446  
Conc: 50.53 ng/ml



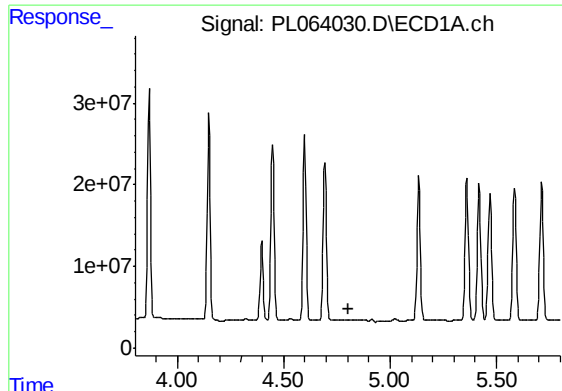
#22 Mirex

R.T.: 7.293 min  
Delta R.T.: -0.014 min  
Response: 133223123  
Conc: 53.06 ng/ml



#22 Mirex

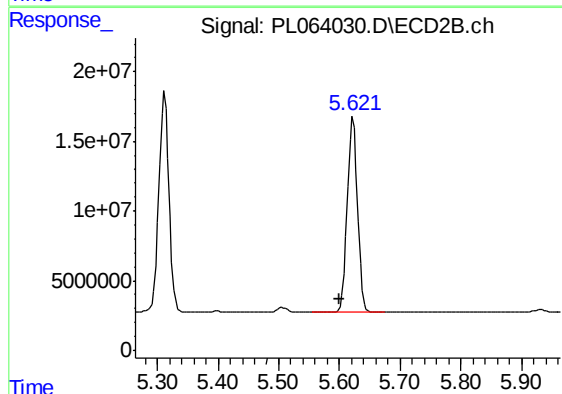
R.T.: 8.354 min  
Delta R.T.: -0.007 min  
Response: 96951026  
Conc: 53.75 ng/ml



#24 Chlordane-2

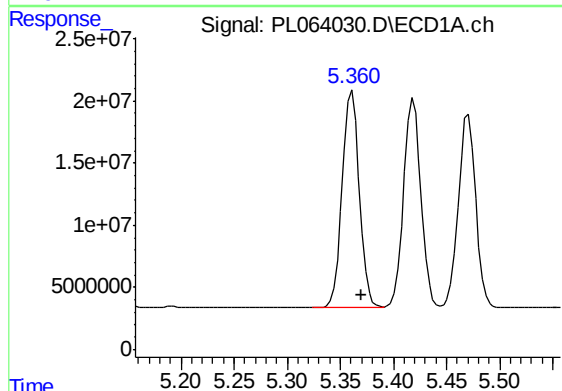
R.T.: 0.000 min  
Exp R.T.: 4.804 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



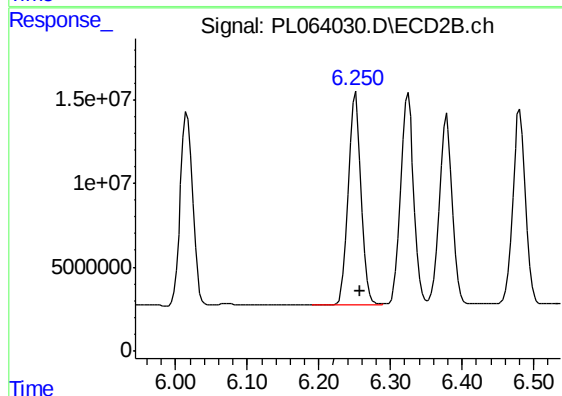
#24 Chlordane-2

R.T.: 5.622 min  
Delta R.T.: 0.021 min  
Response: 162659997  
Conc: 1685.80 ng/ml



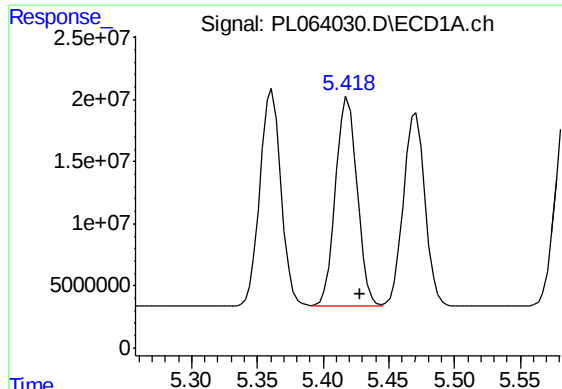
#25 Chlordane-3

R.T.: 5.361 min  
Delta R.T.: -0.009 min  
Response: 193719619  
Conc: 592.83 ng/ml



#25 Chlordane-3

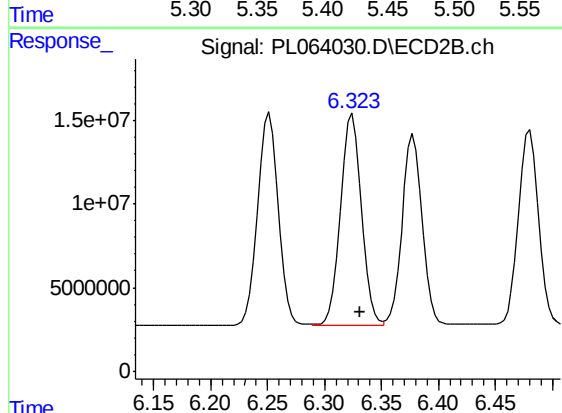
R.T.: 6.251 min  
Delta R.T.: -0.006 min  
Response: 157155044  
Conc: 458.66 ng/ml



#26 Chlordane-4

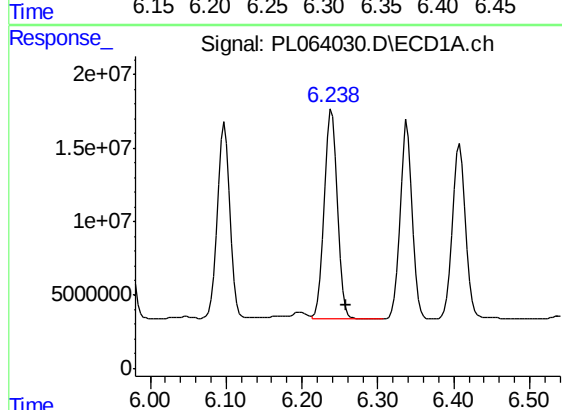
R.T.: 5.419 min  
Delta R.T.: -0.009 min  
Response: 191561510  
Conc: 715.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



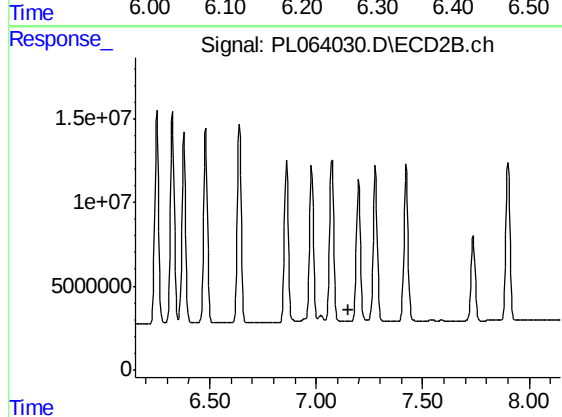
#26 Chlordane-4

R.T.: 6.325 min  
Delta R.T.: -0.006 min  
Response: 158515255  
Conc: 385.65 ng/ml



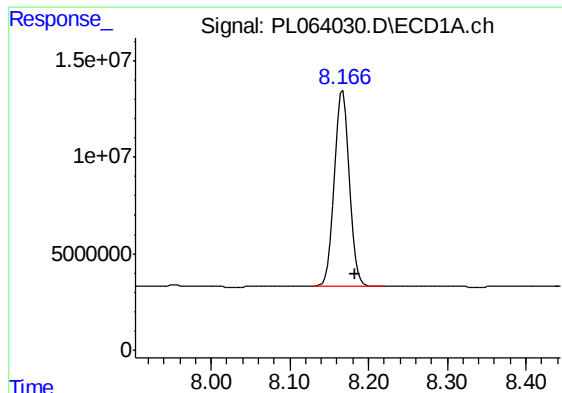
#27 Chlordane-5

R.T.: 6.240 min  
Delta R.T.: -0.019 min  
Response: 170133047  
Conc: 1582.05 ng/ml



#27 Chlordane-5

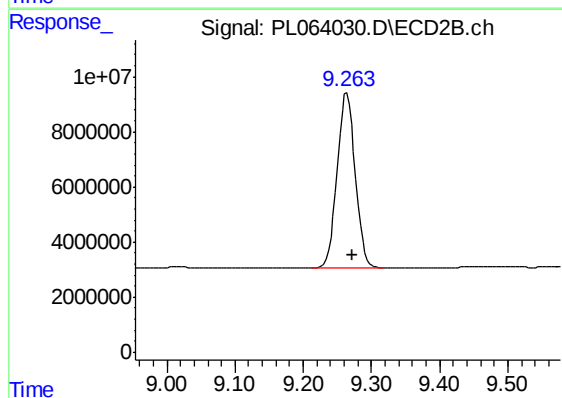
R.T.: 0.000 min  
Exp R.T. : 7.150 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.167 min  
Delta R.T.: -0.015 min  
Response: 138164931  
Conc: 50.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.264 min  
Delta R.T.: -0.008 min  
Response: 116787862  
Conc: 59.23 ng/ml