

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040319\  
 Data File : PL046964.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Apr 2019 16:42  
 Operator : AJ\SJ  
 Sample : K2214-07MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-2-DMSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 04 01:29:55 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 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... | 3.359 | 3.978 | 116.6E6 | 38206189 | 16.035 | 16.687 |
| 28)                         | SA Decachlor... | 8.037 | 9.034 | 142.2E6 | 41053444 | 16.912 | 17.707 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.788 | 4.368 | 500.5E6 | 131.1E6  | 42.918 | 40.811 |
| 3)                          | MA gamma-BHC... | 4.066 | 4.652 | 454.1E6 | 125.1E6  | 42.268 | 41.802 |
| 4)                          | MA Heptachlor   | 4.353 | 5.159 | 468.3E6 | 127.2E6  | 42.472 | 41.338 |
| 5)                          | MB Aldrin       | 4.593 | 5.463 | 433.7E6 | 119.7E6  | 42.048 | 41.785 |
| 6)                          | B beta-BHC      | 4.319 | 4.826 | 184.1E6 | 55158273 | 40.880 | 41.607 |
| 7)                          | B delta-BHC     | 4.514 | 5.041 | 404.2E6 | 87649424 | 39.933 | 37.777 |
| 8)                          | B Heptachlor... | 5.031 | 5.849 | 406.9E6 | 102.5E6  | 41.717 | 38.880 |
| 9)                          | A Endosulfan I  | 5.362 | 6.206 | 381.7E6 | 105.8E6  | 40.592 | 40.550 |
| 10)                         | B gamma-Chl...  | 5.253 | 6.084 | 417.6E6 | 111.0E6  | 40.653 | 39.101 |
| 11)                         | B alpha-Chl...  | 5.310 | 6.156 | 412.6E6 | 113.3E6  | 40.693 | 39.953 |
| 12)                         | B 4,4'-DDE      | 5.477 | 6.314 | 376.5E6 | 99447721 | 40.898 | 40.062 |
| 13)                         | MA Dieldrin     | 5.602 | 6.463 | 412.8E6 | 109.7E6  | 41.138 | 40.486 |
| 14)                         | MA Endrin       | 5.855 | 6.680 | 388.1E6 | 97015458 | 41.200 | 40.596 |
| 15)                         | B Endosulfa...  | 6.130 | 6.891 | 352.3E6 | 96284334 | 39.319 | 39.904 |
| 16)                         | A 4,4'-DDD      | 5.988 | 6.805 | 298.1E6 | 81184104 | 39.439 | 40.349 |
| 17)                         | MA 4,4'-DDT     | 6.224 | 7.102 | 313.4E6 | 84010221 | 41.374 | 40.063 |
| 18)                         | B Endrin al...  | 6.297 | 7.015 | 283.8E6 | 80391598 | 37.865 | 37.849 |
| 19)                         | B Endosulfa...  | 6.508 | 7.237 | 336.9E6 | 94644242 | 41.033 | 40.120 |
| 20)                         | A Methoxychlor  | 6.768 | 7.561 | 164.6E6 | 50613238 | 38.729 | 39.704 |
| 21)                         | B Endrin ke...  | 6.991 | 7.707 | 369.0E6 | 102.1E6  | 39.906 | 41.112 |
| 22)                         | Mirex           | 7.168 | 8.159 | 281.2E6 | 80374408 | 38.594 | 40.184 |
| -----                       |                 |       |       |         |          |        |        |

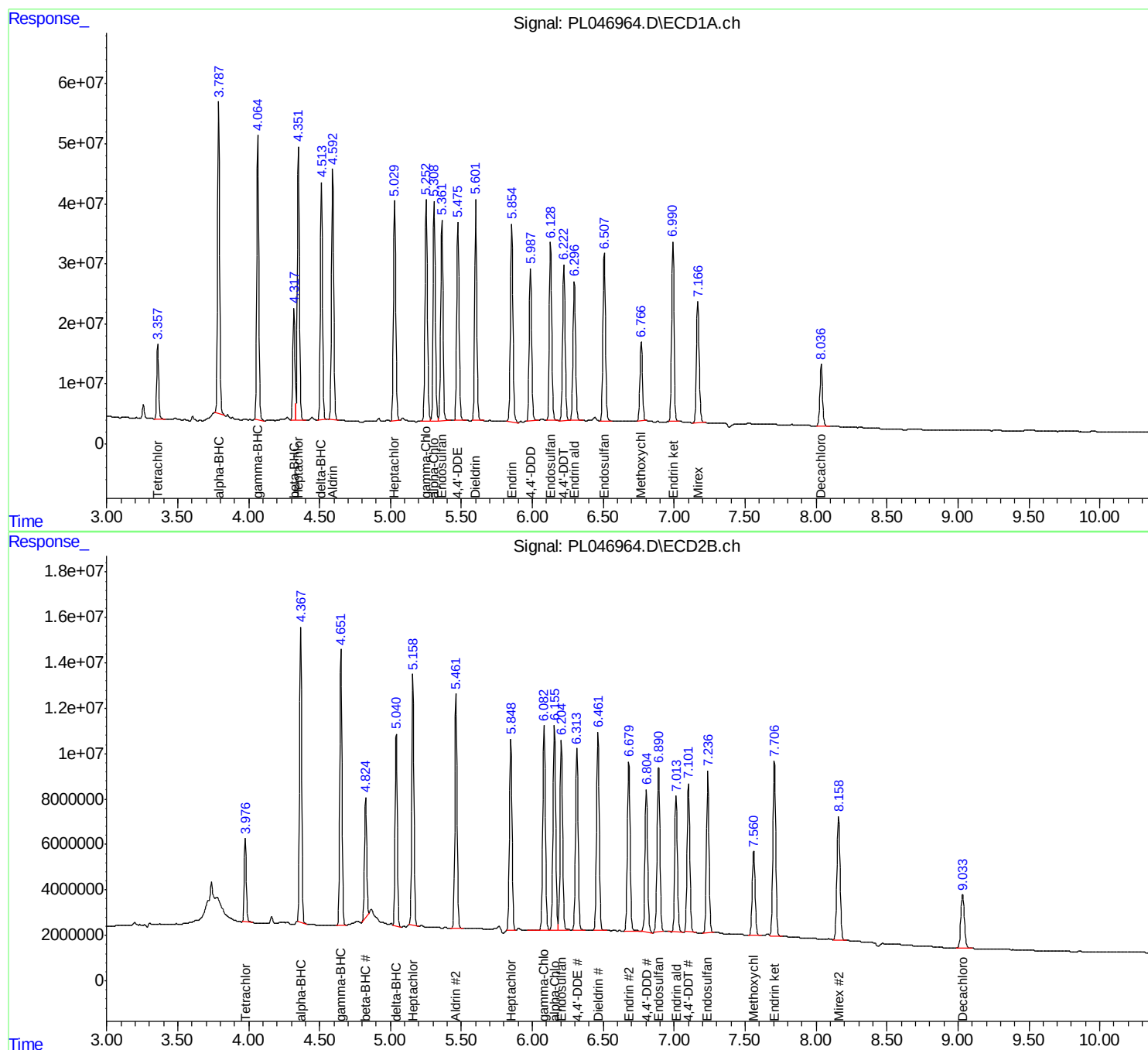
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

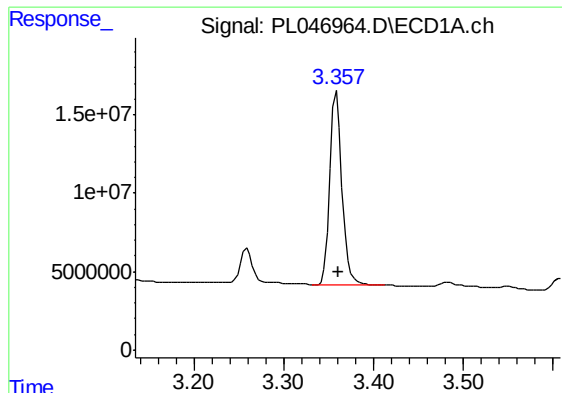
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040319\  
Data File : PL046964.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Apr 2019 16:42  
Operator : AJ\SJ  
Sample : K2214-07MSD  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-DMSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 04 01:29:55 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 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

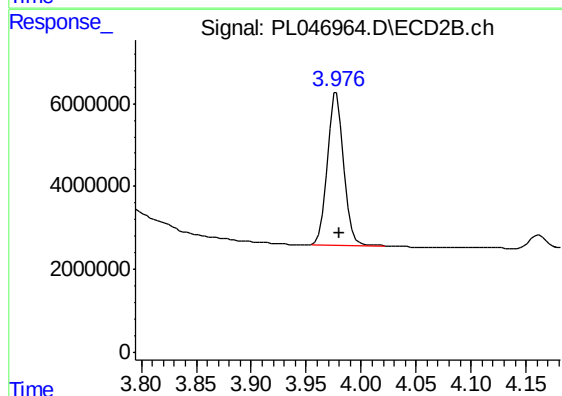




#1 Tetrachloro-m-xylene

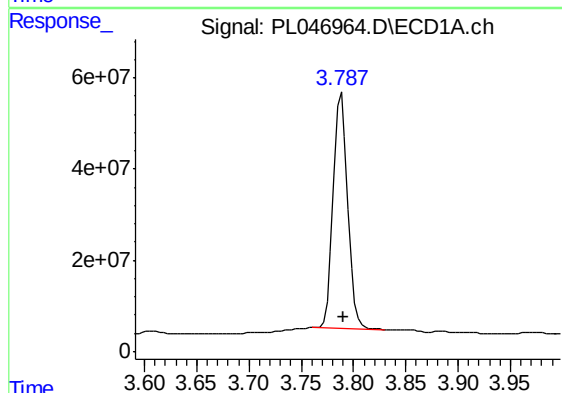
R.T.: 3.359 min  
Delta R.T.: -0.002 min  
Response: 116648968  
Conc: 16.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-DMSD



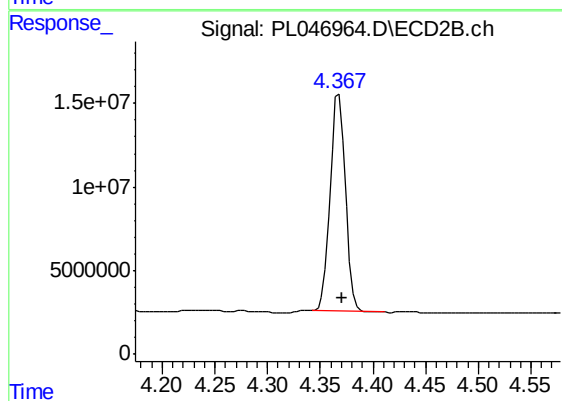
#1 Tetrachloro-m-xylene

R.T.: 3.978 min  
Delta R.T.: -0.003 min  
Response: 38206189  
Conc: 16.69 ng/ml



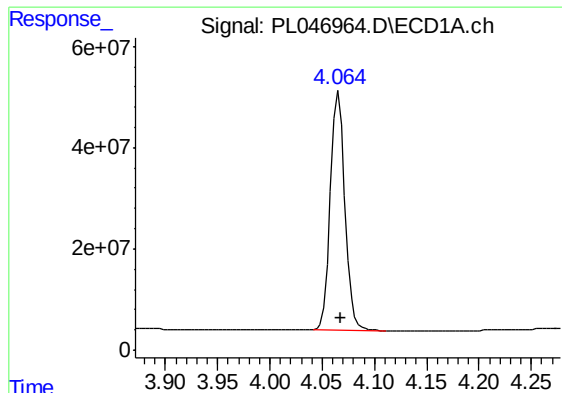
#2 alpha-BHC

R.T.: 3.788 min  
Delta R.T.: -0.002 min  
Response: 500512198  
Conc: 42.92 ng/ml



#2 alpha-BHC

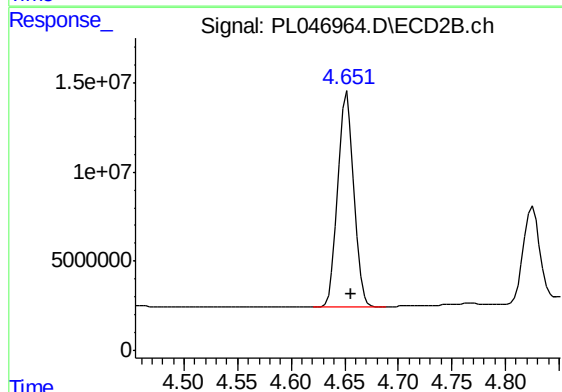
R.T.: 4.368 min  
Delta R.T.: -0.003 min  
Response: 131138536  
Conc: 40.81 ng/ml



#3 gamma-BHC (Lindane)

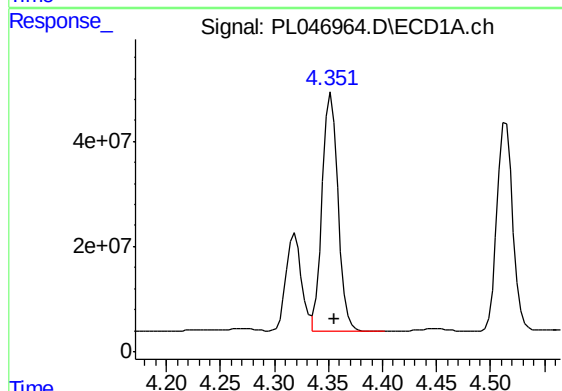
R.T.: 4.066 min  
Delta R.T.: -0.002 min  
Response: 454144679  
Conc: 42.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-DMSD



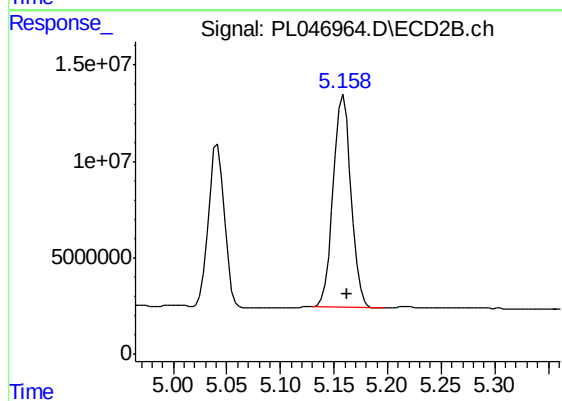
#3 gamma-BHC (Lindane)

R.T.: 4.652 min  
Delta R.T.: -0.003 min  
Response: 125113121  
Conc: 41.80 ng/ml



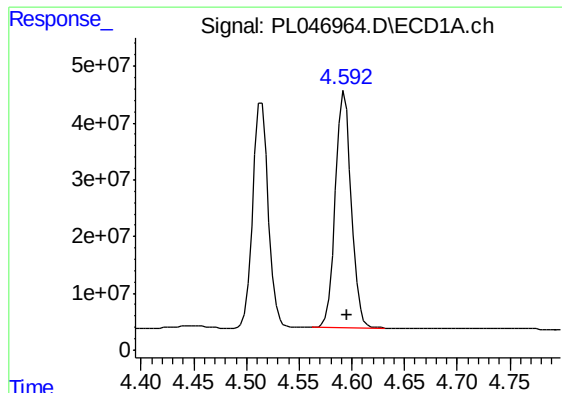
#4 Heptachlor

R.T.: 4.353 min  
Delta R.T.: -0.003 min  
Response: 468262870  
Conc: 42.47 ng/ml



#4 Heptachlor

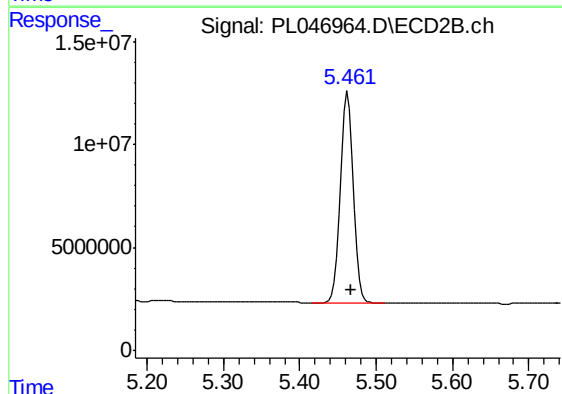
R.T.: 5.159 min  
Delta R.T.: -0.004 min  
Response: 127150671  
Conc: 41.34 ng/ml



#5 Aldrin

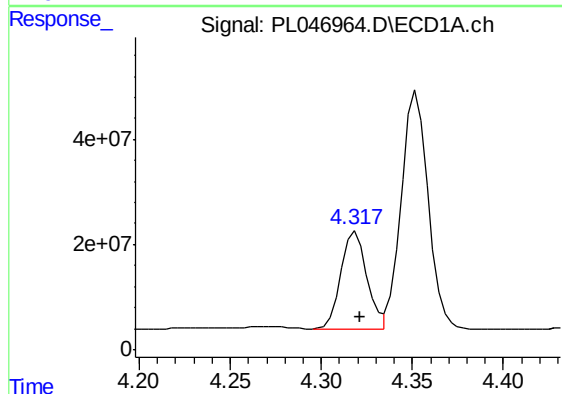
R.T.: 4.593 min  
Delta R.T.: -0.003 min  
Response: 433726540  
Conc: 42.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-DMSD



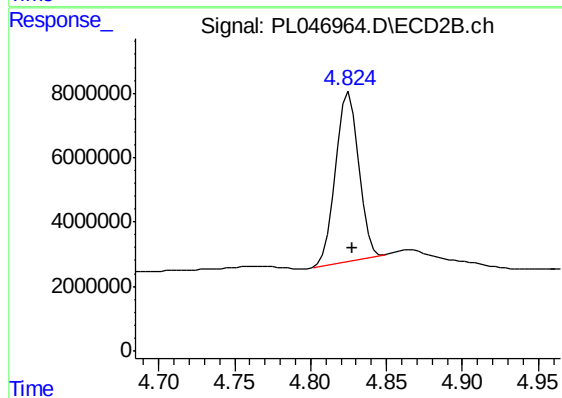
#5 Aldrin

R.T.: 5.463 min  
Delta R.T.: -0.004 min  
Response: 119713109  
Conc: 41.79 ng/ml



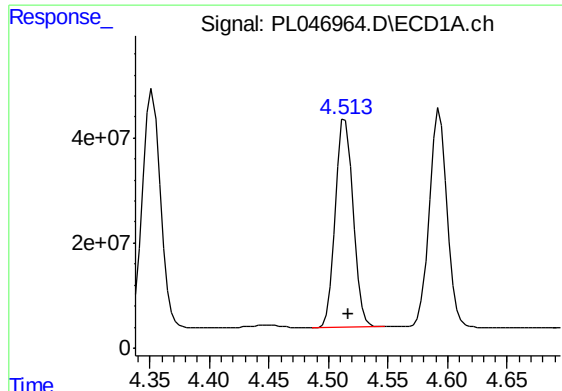
#6 beta-BHC

R.T.: 4.319 min  
Delta R.T.: -0.002 min  
Response: 184057535  
Conc: 40.88 ng/ml



#6 beta-BHC

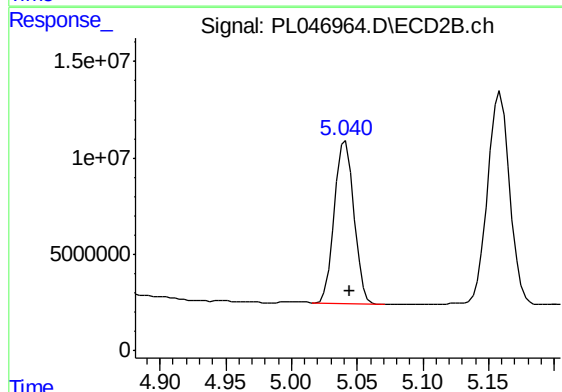
R.T.: 4.826 min  
Delta R.T.: -0.002 min  
Response: 55158273  
Conc: 41.61 ng/ml



#7 delta-BHC

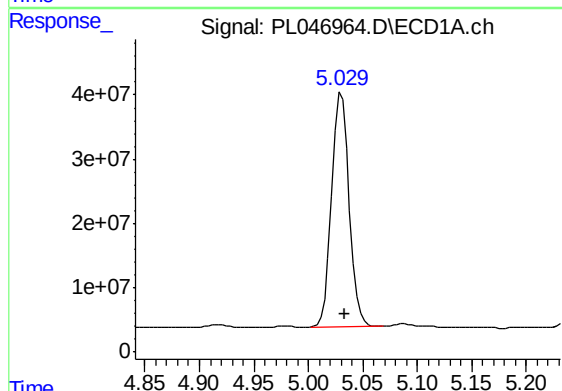
R.T.: 4.514 min  
Delta R.T.: -0.003 min  
Response: 404243600  
Conc: 39.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-DMSD



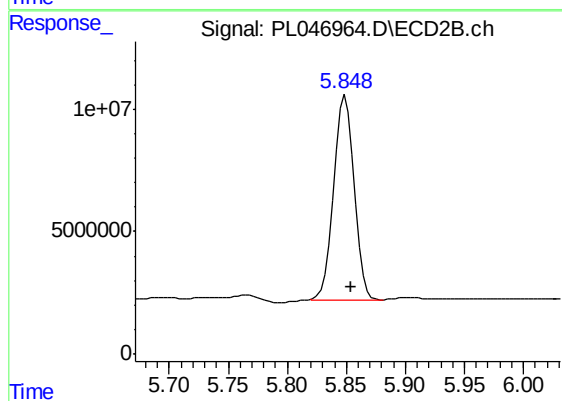
#7 delta-BHC

R.T.: 5.041 min  
Delta R.T.: -0.003 min  
Response: 87649424  
Conc: 37.78 ng/ml



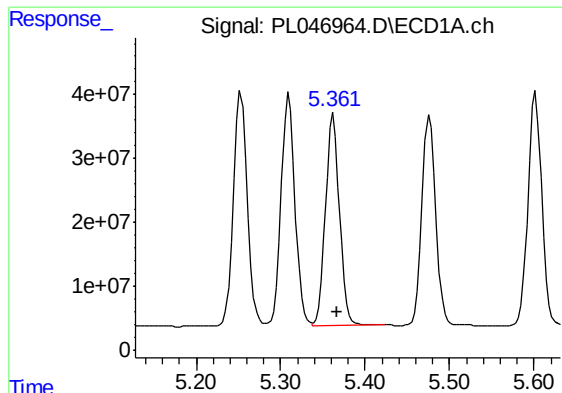
#8 Heptachlor epoxide

R.T.: 5.031 min  
Delta R.T.: -0.003 min  
Response: 406888812  
Conc: 41.72 ng/ml



#8 Heptachlor epoxide

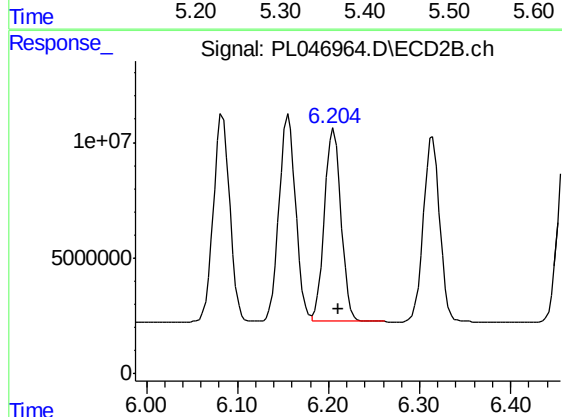
R.T.: 5.849 min  
Delta R.T.: -0.004 min  
Response: 102533952  
Conc: 38.88 ng/ml



#9 Endosulfan I

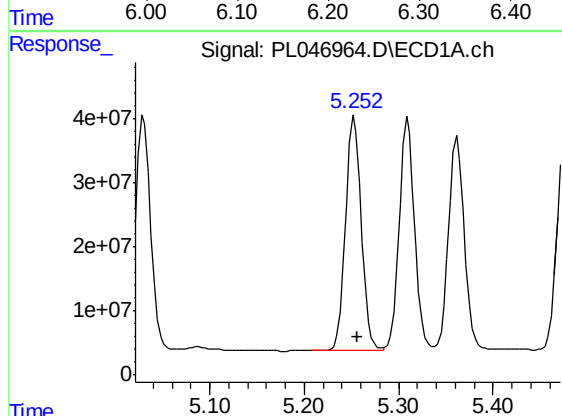
R.T.: 5.362 min  
Delta R.T.: -0.004 min  
Response: 381660443  
Conc: 40.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-DMSD



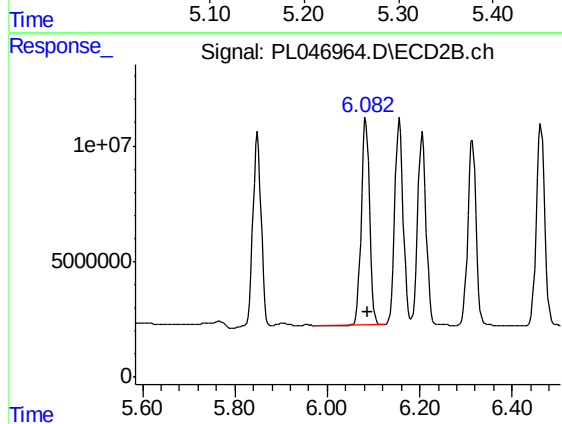
#9 Endosulfan I

R.T.: 6.206 min  
Delta R.T.: -0.004 min  
Response: 105830042  
Conc: 40.55 ng/ml



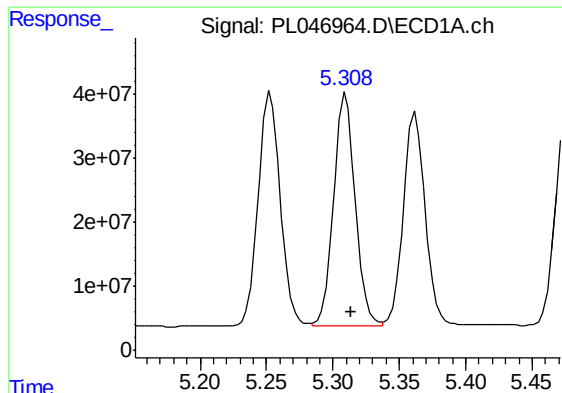
#10 gamma-Chlordane

R.T.: 5.253 min  
Delta R.T.: -0.004 min  
Response: 417615805  
Conc: 40.65 ng/ml



#10 gamma-Chlordane

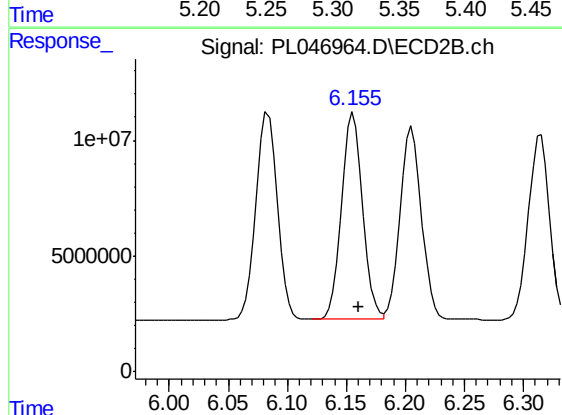
R.T.: 6.084 min  
Delta R.T.: -0.004 min  
Response: 110972947  
Conc: 39.10 ng/ml



#11 alpha-Chlordane

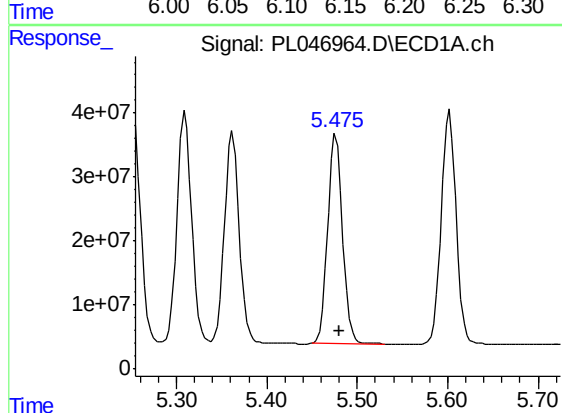
R.T.: 5.310 min  
Delta R.T.: -0.004 min  
Response: 412586847  
Conc: 40.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-DMSD



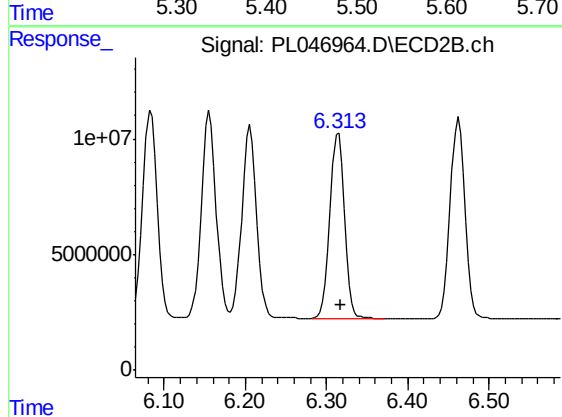
#11 alpha-Chlordane

R.T.: 6.156 min  
Delta R.T.: -0.004 min  
Response: 113333687  
Conc: 39.95 ng/ml



#12 4,4'-DDE

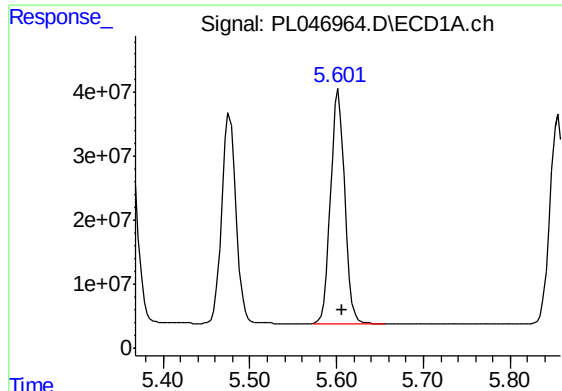
R.T.: 5.477 min  
Delta R.T.: -0.004 min  
Response: 376544267  
Conc: 40.90 ng/ml



#12 4,4'-DDE

R.T.: 6.314 min  
Delta R.T.: -0.004 min  
Response: 99447721  
Conc: 40.06 ng/ml

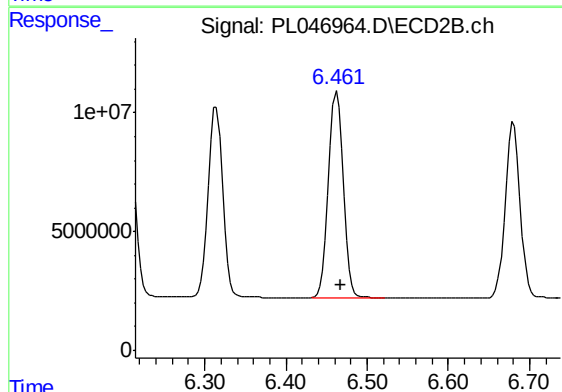




#13 Dielldrin

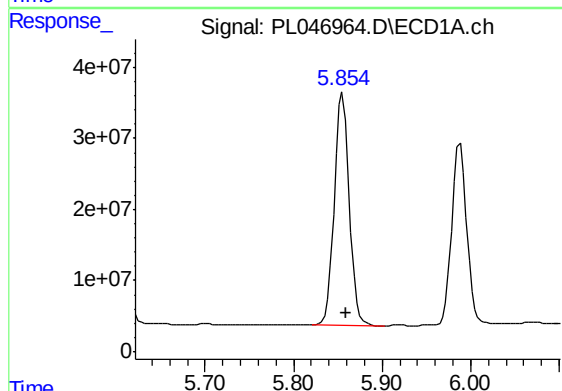
R.T.: 5.602 min  
Delta R.T.: -0.004 min  
Response: 412846354  
Conc: 41.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-DMSD



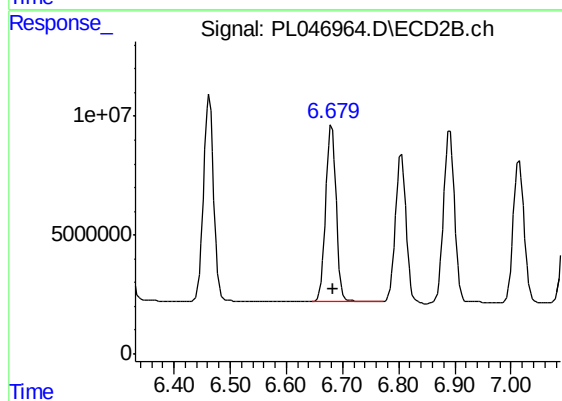
#13 Dielldrin

R.T.: 6.463 min  
Delta R.T.: -0.004 min  
Response: 109743240  
Conc: 40.49 ng/ml



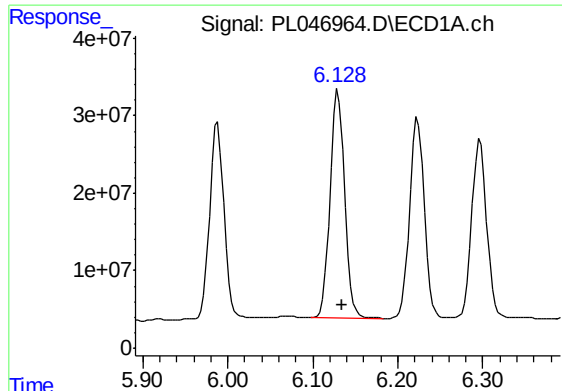
#14 Endrin

R.T.: 5.855 min  
Delta R.T.: -0.004 min  
Response: 388072742  
Conc: 41.20 ng/ml



#14 Endrin

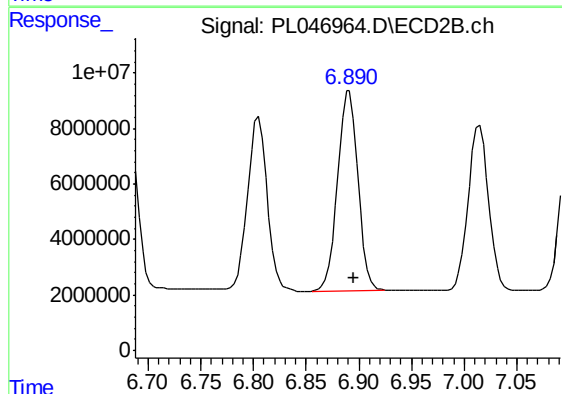
R.T.: 6.680 min  
Delta R.T.: -0.004 min  
Response: 97015458  
Conc: 40.60 ng/ml



#15 Endosulfan II

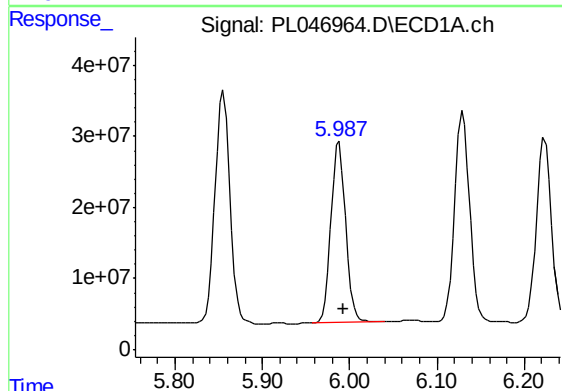
R.T.: 6.130 min  
Delta R.T.: -0.004 min  
Response: 352286464  
Conc: 39.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-DMSD



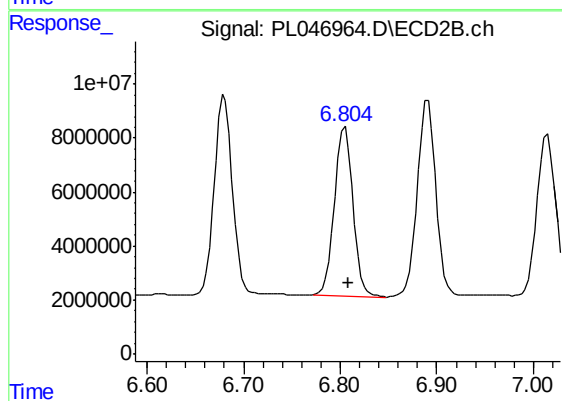
#15 Endosulfan II

R.T.: 6.891 min  
Delta R.T.: -0.004 min  
Response: 96284334  
Conc: 39.90 ng/ml



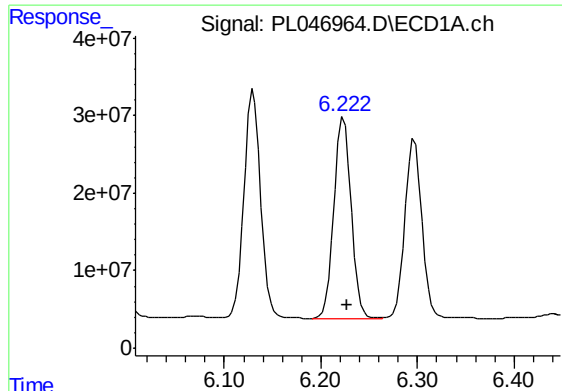
#16 4,4'-DDD

R.T.: 5.988 min  
Delta R.T.: -0.005 min  
Response: 298122612  
Conc: 39.44 ng/ml



#16 4,4'-DDD

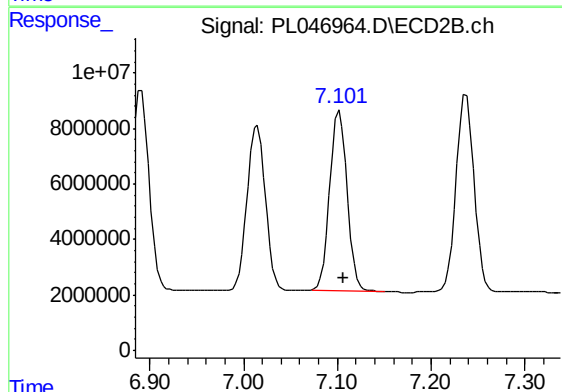
R.T.: 6.805 min  
Delta R.T.: -0.004 min  
Response: 81184104  
Conc: 40.35 ng/ml



#17 4,4'-DDT

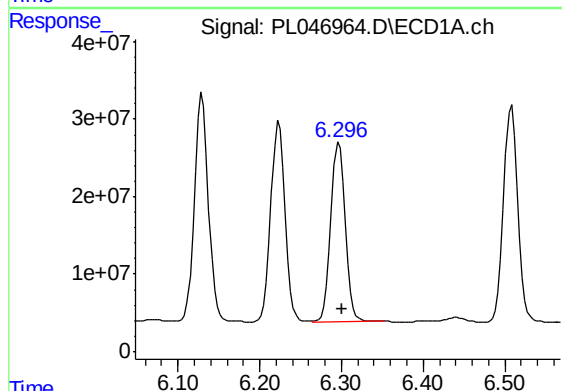
R.T.: 6.224 min  
Delta R.T.: -0.004 min  
Response: 313380654  
Conc: 41.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-DMSD



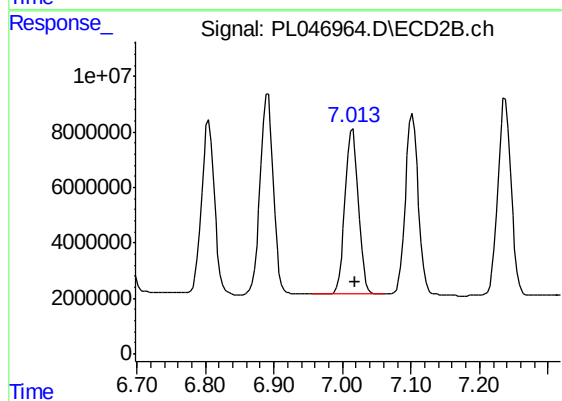
#17 4,4'-DDT

R.T.: 7.102 min  
Delta R.T.: -0.005 min  
Response: 84010221  
Conc: 40.06 ng/ml



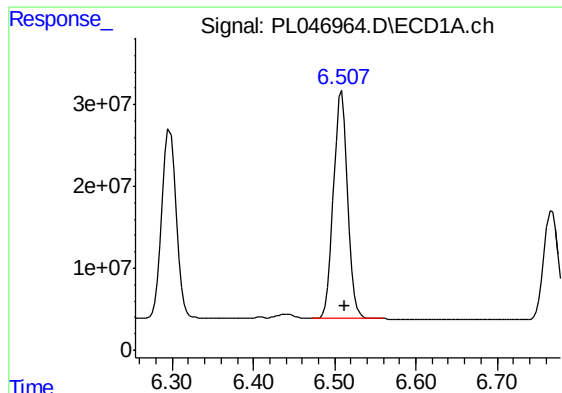
#18 Endrin aldehyde

R.T.: 6.297 min  
Delta R.T.: -0.005 min  
Response: 283802053  
Conc: 37.86 ng/ml



#18 Endrin aldehyde

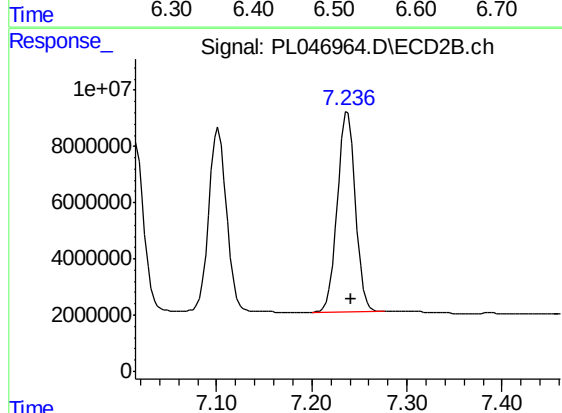
R.T.: 7.015 min  
Delta R.T.: -0.004 min  
Response: 80391598  
Conc: 37.85 ng/ml



#19 Endosulfan Sulfate

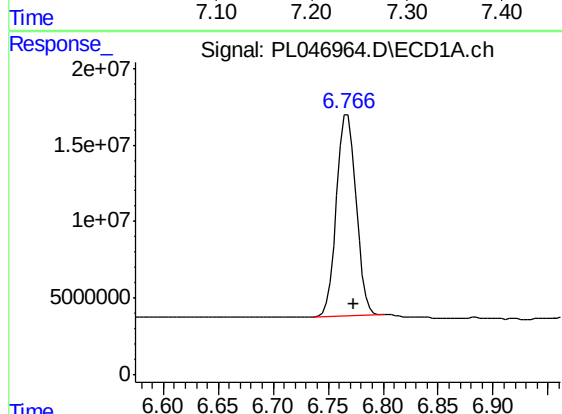
R.T.: 6.508 min  
Delta R.T.: -0.004 min  
Response: 336926216  
Conc: 41.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-DMSD



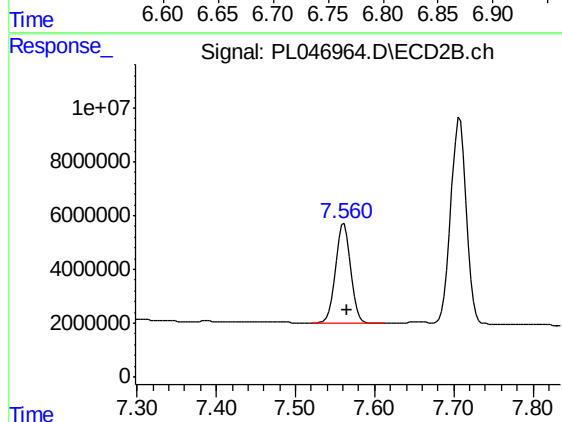
#19 Endosulfan Sulfate

R.T.: 7.237 min  
Delta R.T.: -0.004 min  
Response: 94644242  
Conc: 40.12 ng/ml



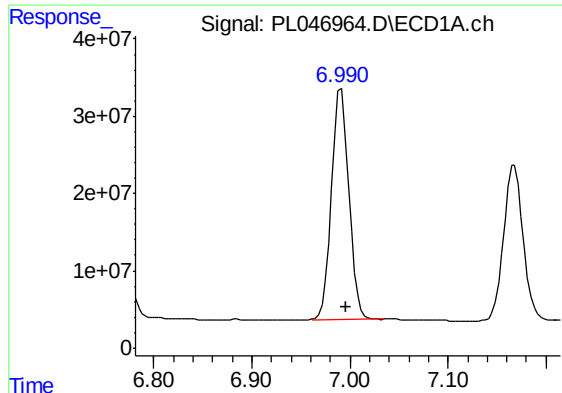
#20 Methoxychlor

R.T.: 6.768 min  
Delta R.T.: -0.006 min  
Response: 164593291  
Conc: 38.73 ng/ml



#20 Methoxychlor

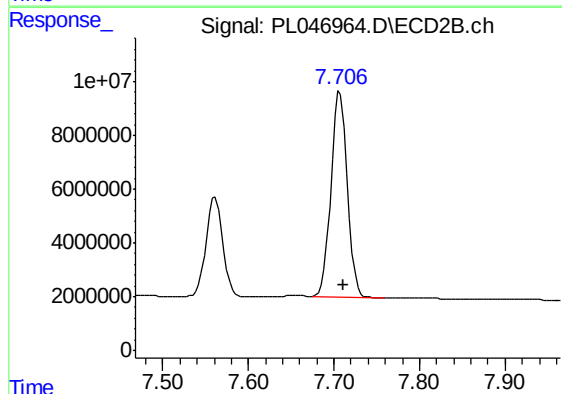
R.T.: 7.561 min  
Delta R.T.: -0.004 min  
Response: 50613238  
Conc: 39.70 ng/ml



#21 Endrin ketone

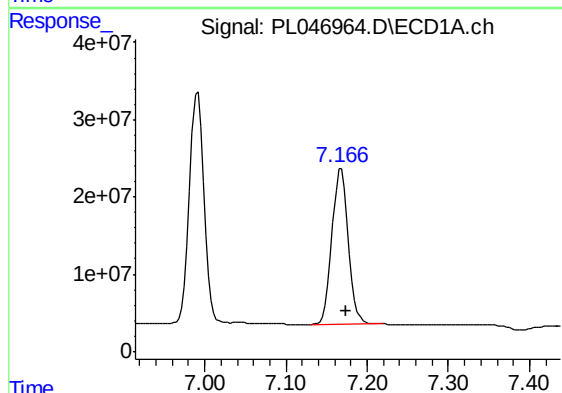
R.T.: 6.991 min  
Delta R.T.: -0.005 min  
Response: 369000187  
Conc: 39.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-DMSD



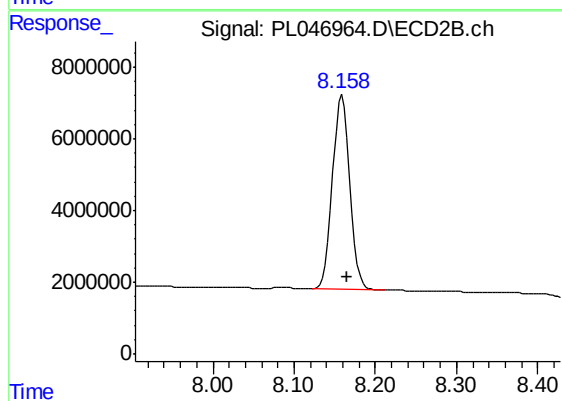
#21 Endrin ketone

R.T.: 7.707 min  
Delta R.T.: -0.005 min  
Response: 102144891  
Conc: 41.11 ng/ml



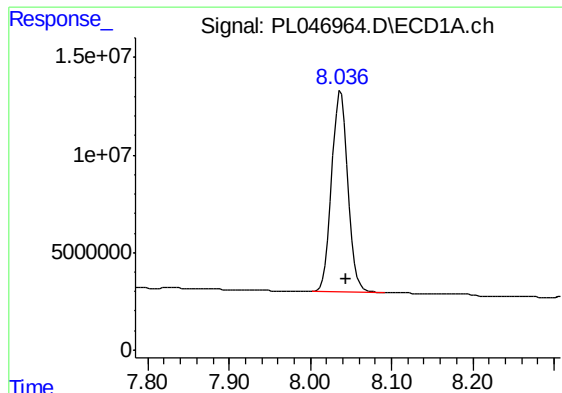
#22 Mirex

R.T.: 7.168 min  
Delta R.T.: -0.005 min  
Response: 281178150  
Conc: 38.59 ng/ml



#22 Mirex

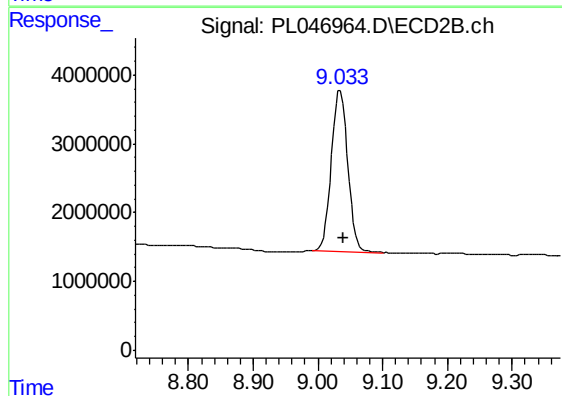
R.T.: 8.159 min  
Delta R.T.: -0.006 min  
Response: 80374408  
Conc: 40.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.037 min  
Delta R.T.: -0.007 min  
Response: 142243906  
Conc: 16.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
TP-2-DMSD



#28 Decachlorobiphenyl

R.T.: 9.034 min  
Delta R.T.: -0.006 min  
Response: 41053444  
Conc: 17.71 ng/ml