

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ070918\  
 Data File : PQ030533.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2018 10:54  
 Operator : UA/SM  
 Sample : IDOC 1 WATER  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 IDOC 1 WATER

Manual Integrations  
 APPROVED

mohammad  
 7/9/2018 2:46:16 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 07 11:18:46 2018  
 Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ062918.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jun 29 01:53:51 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|-----------|
| -----                       |                 |        |       |          |          |         |           |
| System Monitoring Compounds |                 |        |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 4.434  | 3.701 | 1052.2E6 | 262.6E6  | 25.068  | 19.078    |
| 2)                          | SA Decachlor... | 10.110 | 8.670 | 659.6E6  | 321.7E6  | 18.668  | 15.758    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 4.805  | 4.558 | 160.2E6  | 73048341 | 229.268 | 192.978   |
| 4)                          | L1 AR-1016-2    | 5.330  | 4.970 | 262.2E6  | 68041569 | 278.670 | 175.991 # |
| 5)                          | L1 AR-1016-3    | 5.680  | 5.009 | 307.7E6  | 50665241 | 234.173 | 166.409 # |
| 6)                          | L1 AR-1016-4    | 5.778  | 5.051 | 255.5E6  | 70499965 | 231.731 | 172.555 # |
| 7)                          | L1 AR-1016-5    | 6.207  | 5.222 | 214.0E6  | 73298189 | 194.567 | 176.196m  |
| 31)                         | L7 AR-1260-1    | 7.182  | 6.244 | 463.1E6  | 178.1E6  | 230.882 | 179.047   |
| 32)                         | L7 AR-1260-2    | 7.436  | 6.583 | 552.3E6  | 211.8E6  | 232.716 | 184.621   |
| 33)                         | L7 AR-1260-3    | 7.718  | 7.051 | 663.7E6  | 153.0E6  | 235.344 | 164.048 # |
| 34)                         | L7 AR-1260-4    | 8.017  | 7.290 | 406.1E6  | 370.3E6  | 202.938 | 152.337   |
| 35)                         | L7 AR-1260-5    | 8.333  | 7.636 | 810.3E6  | 266.9E6  | 203.358 | 152.400 # |
| -----                       |                 |        |       |          |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ070918\  
Data File : PQ030533.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2018 10:54  
Operator : UA/SM  
Sample : IDOC 1 WATER  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

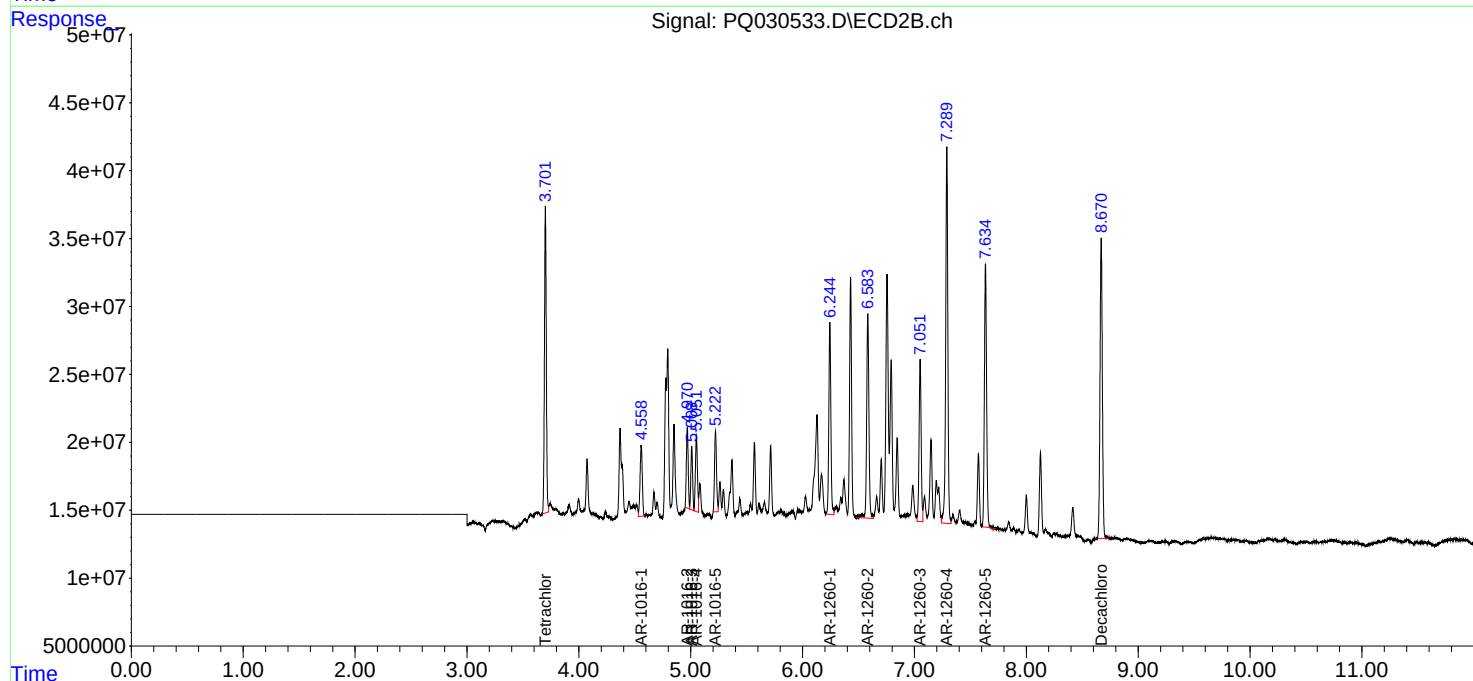
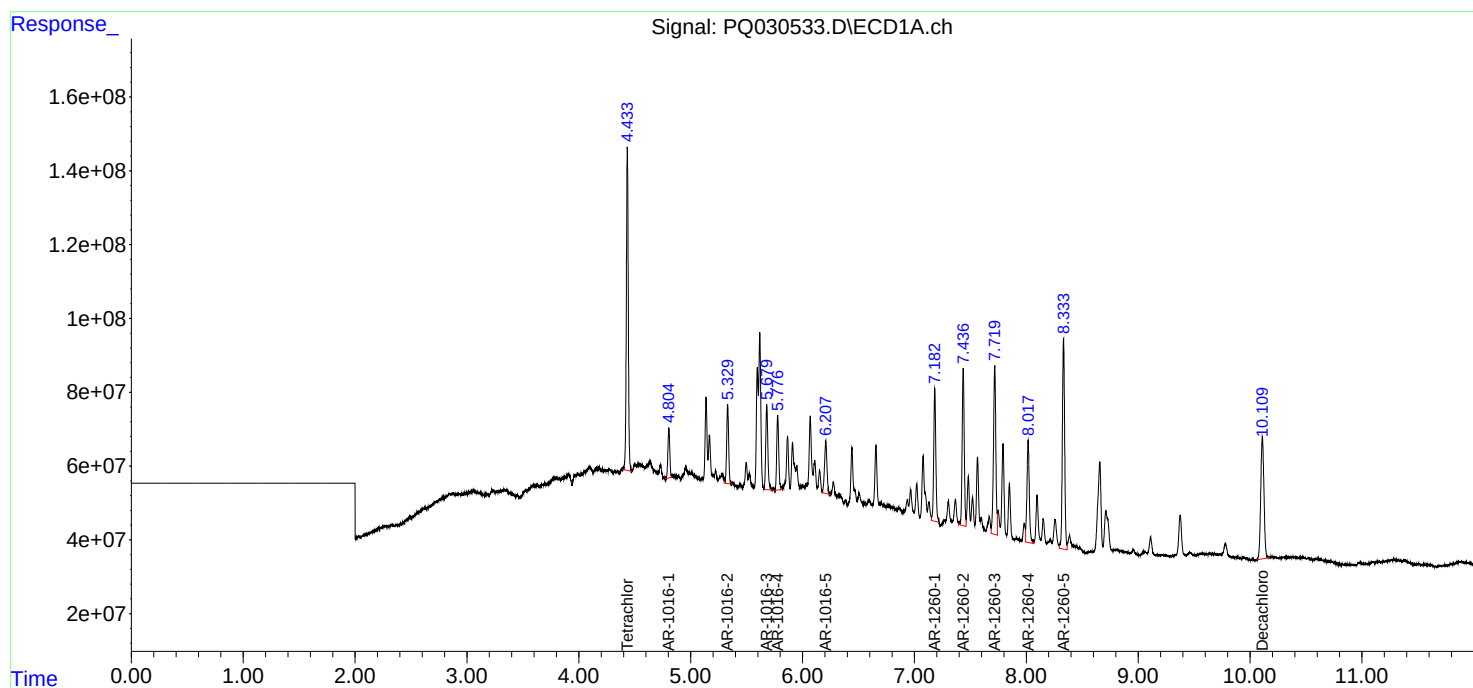
Instrument :  
ECD\_Q  
ClientSampled :  
IDOC 1 WATER

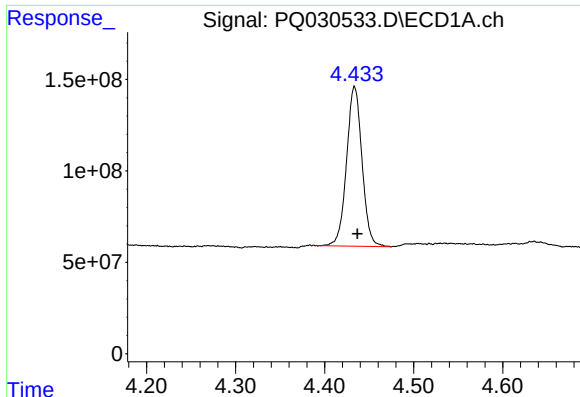
Manual Integrations  
APPROVED

mohammad  
7/9/2018 2:46:16 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 07 11:18:46 2018  
Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ062918.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jun 29 01:53:51 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





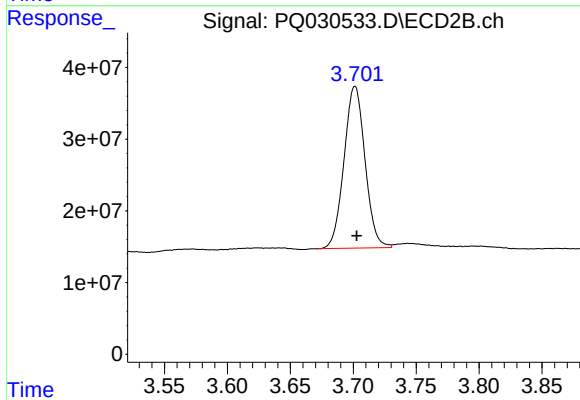
#1 Tetrachloro-m-xylene

R.T.: 4.434 min  
Delta R.T.: -0.003 min  
Response: 1052190684  
Conc: 25.07 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
IDOC 1 WATER

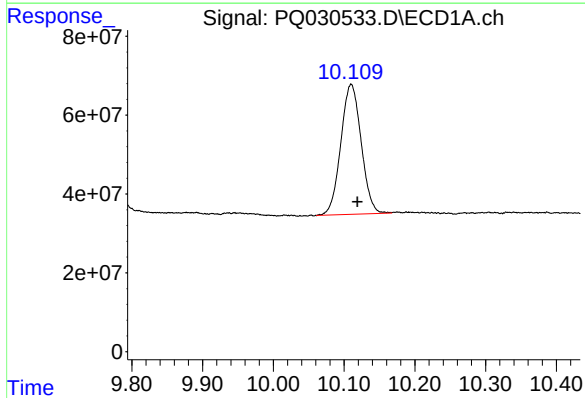
Manual Integrations  
APPROVED

mohammad  
7/9/2018 2:46:16 PM



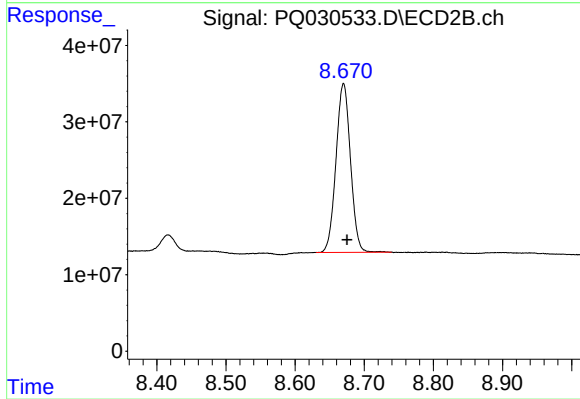
#1 Tetrachloro-m-xylene

R.T.: 3.701 min  
Delta R.T.: -0.001 min  
Response: 262552617  
Conc: 19.08 ng/ml



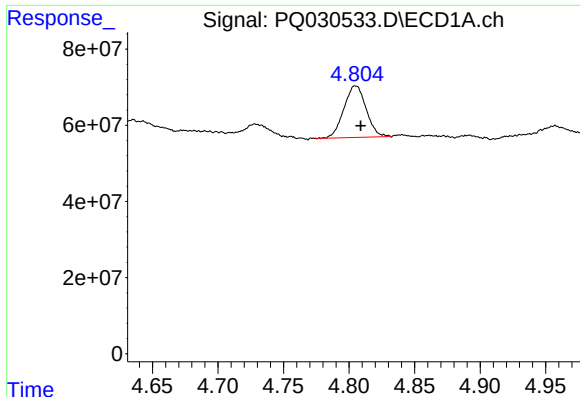
#2 Decachlorobiphenyl

R.T.: 10.110 min  
Delta R.T.: -0.009 min  
Response: 659581632  
Conc: 18.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.670 min  
Delta R.T.: -0.005 min  
Response: 321720834  
Conc: 15.76 ng/ml



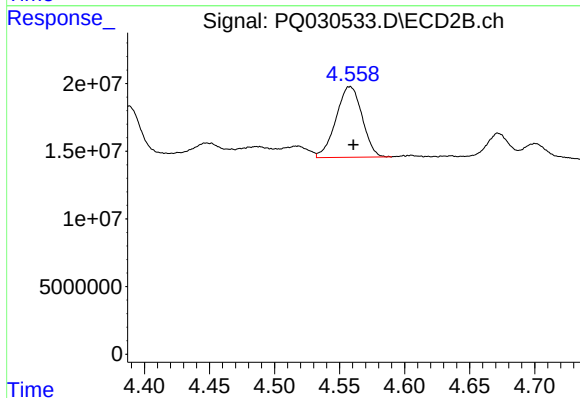
#3 AR-1016-1

R.T.: 4.805 min  
Delta R.T.: -0.004 min  
Response: 160150181  
Conc: 229.27 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
IDOC 1 WATER

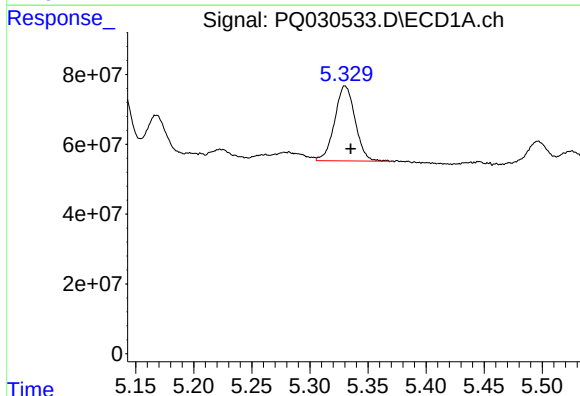
Manual Integrations  
APPROVED

mohammad  
7/9/2018 2:46:16 PM



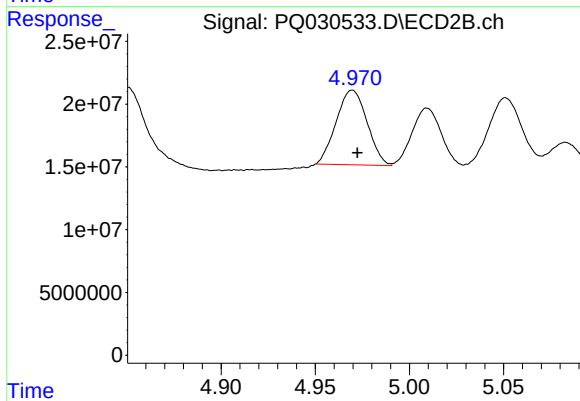
#3 AR-1016-1

R.T.: 4.558 min  
Delta R.T.: -0.003 min  
Response: 73048341  
Conc: 192.98 ng/ml



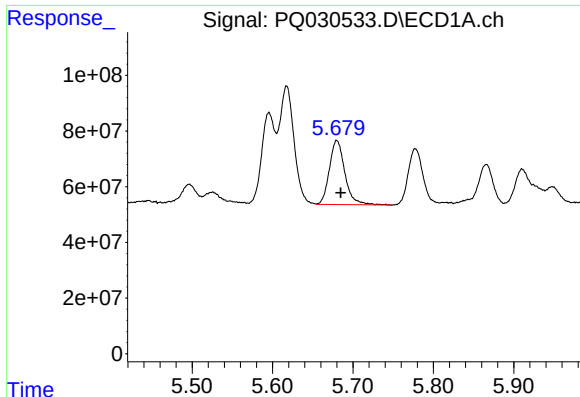
#4 AR-1016-2

R.T.: 5.330 min  
Delta R.T.: -0.005 min  
Response: 262215254  
Conc: 278.67 ng/ml



#4 AR-1016-2

R.T.: 4.970 min  
Delta R.T.: -0.003 min  
Response: 68041569  
Conc: 175.99 ng/ml



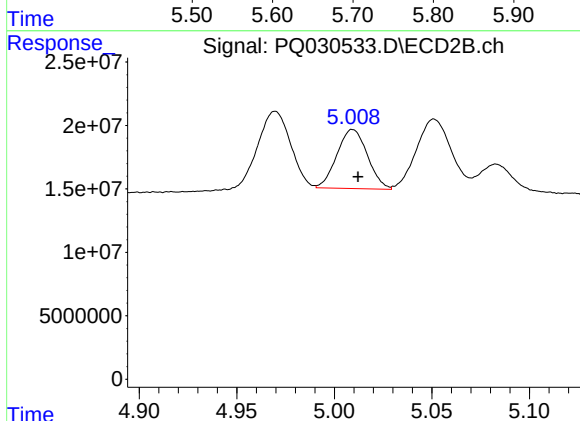
#5 AR-1016-3

R.T.: 5.680 min  
Delta R.T.: -0.005 min  
Response: 307689521  
Conc: 234.17 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
IDOC 1 WATER

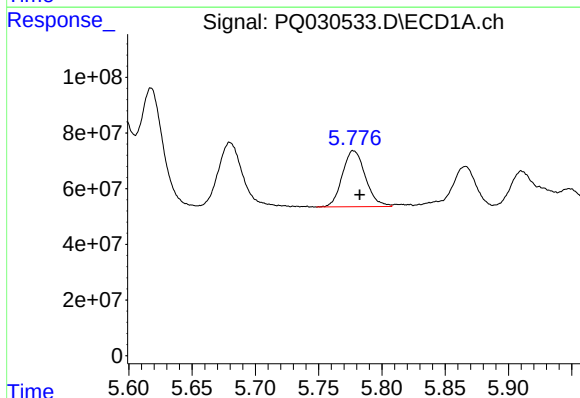
Manual Integrations  
APPROVED

mohammad  
7/9/2018 2:46:16 PM



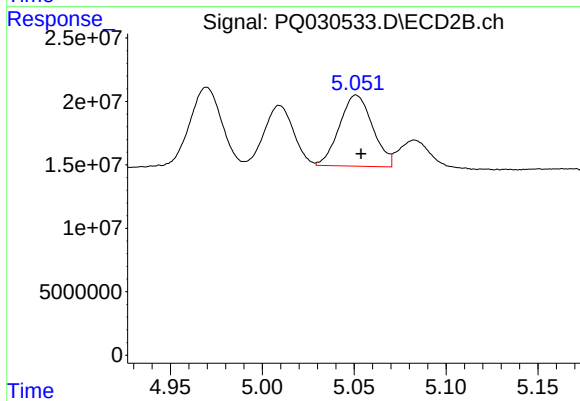
#5 AR-1016-3

R.T.: 5.009 min  
Delta R.T.: -0.003 min  
Response: 50665241  
Conc: 166.41 ng/ml



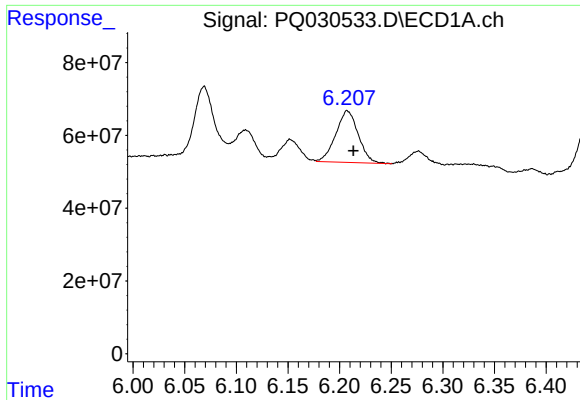
#6 AR-1016-4

R.T.: 5.778 min  
Delta R.T.: -0.005 min  
Response: 255535274  
Conc: 231.73 ng/ml



#6 AR-1016-4

R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 70499965  
Conc: 172.56 ng/ml



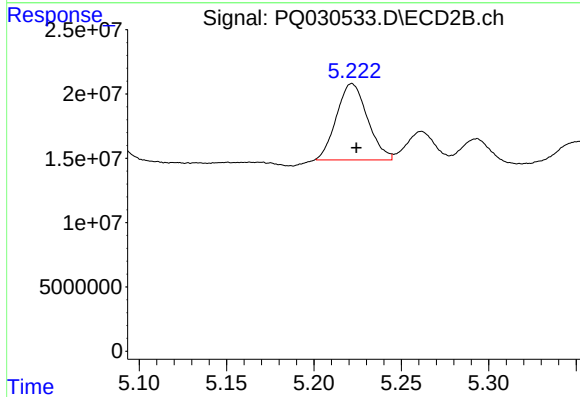
#7 AR-1016-5

R.T.: 6.207 min  
Delta R.T.: -0.006 min  
Response: 213971918  
Conc: 194.57 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
IDOC 1 WATER

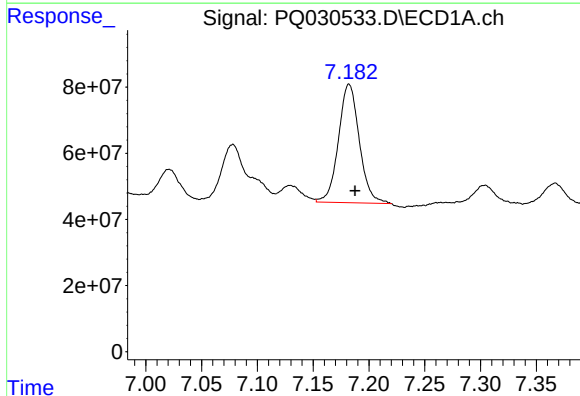
Manual Integrations  
APPROVED

mohammad  
7/9/2018 2:46:16 PM



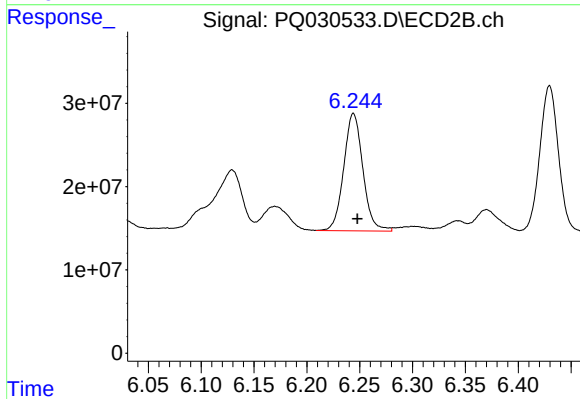
#7 AR-1016-5

R.T.: 5.222 min  
Delta R.T.: -0.003 min  
Response: 73298189  
Conc: 176.20 ng/ml m



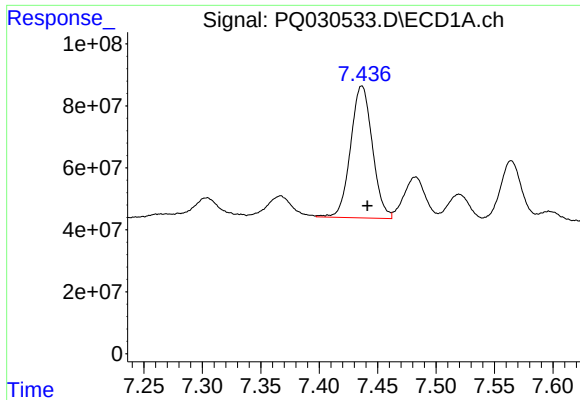
#31 AR-1260-1

R.T.: 7.182 min  
Delta R.T.: -0.005 min  
Response: 463092670  
Conc: 230.88 ng/ml



#31 AR-1260-1

R.T.: 6.244 min  
Delta R.T.: -0.004 min  
Response: 178114577  
Conc: 179.05 ng/ml



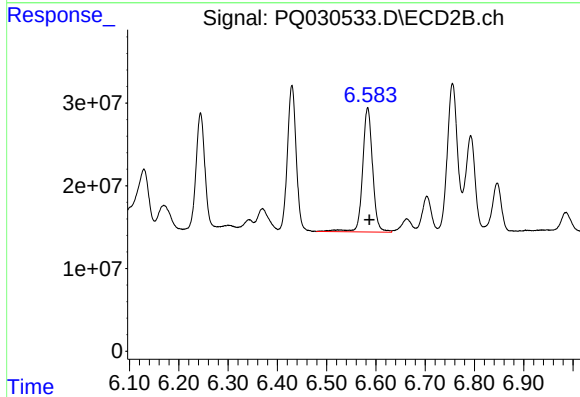
#32 AR-1260-2

R.T.: 7.436 min  
Delta R.T.: -0.005 min  
Response: 552283824  
Conc: 232.72 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
IDOC 1 WATER

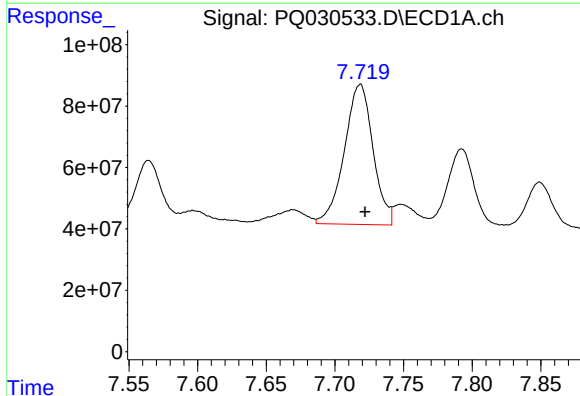
Manual Integrations  
APPROVED

mohammad  
7/9/2018 2:46:16 PM



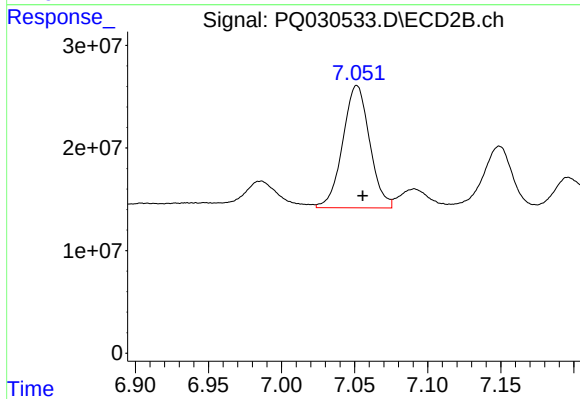
#32 AR-1260-2

R.T.: 6.583 min  
Delta R.T.: -0.003 min  
Response: 211799635  
Conc: 184.62 ng/ml



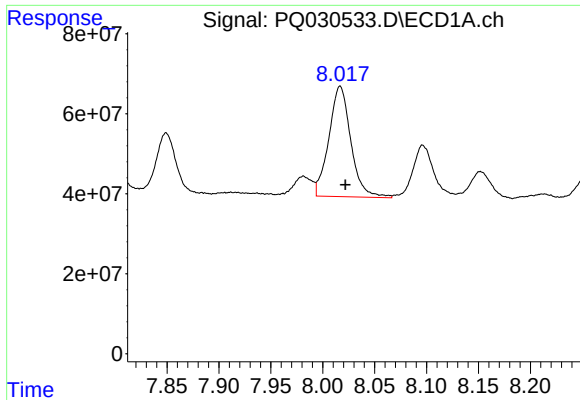
#33 AR-1260-3

R.T.: 7.718 min  
Delta R.T.: -0.004 min  
Response: 663661881  
Conc: 235.34 ng/ml



#33 AR-1260-3

R.T.: 7.051 min  
Delta R.T.: -0.004 min  
Response: 152970703  
Conc: 164.05 ng/ml



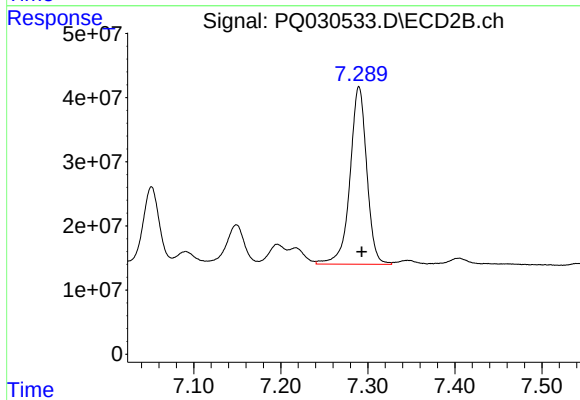
#34 AR-1260-4

R.T.: 8.017 min  
Delta R.T.: -0.005 min  
Response: 406096104  
Conc: 202.94 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
IDOC 1 WATER

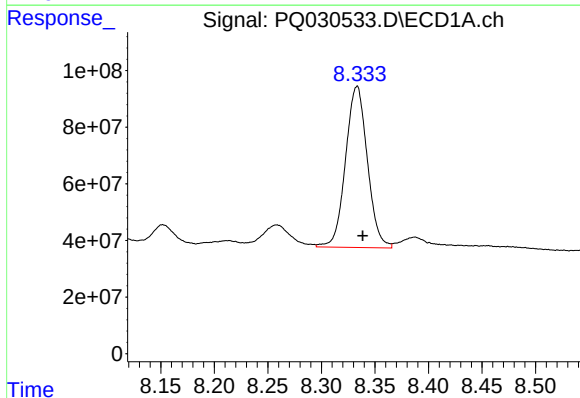
Manual Integrations  
APPROVED

mohammad  
7/9/2018 2:46:16 PM



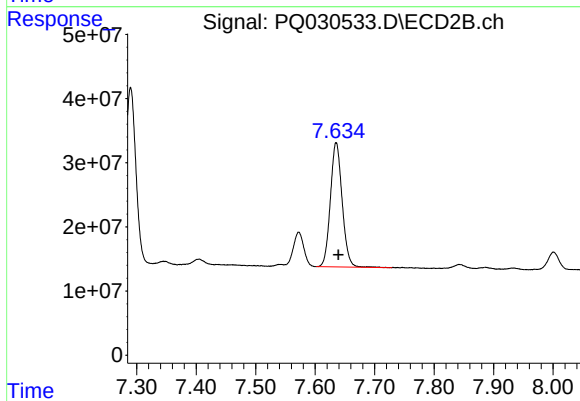
#34 AR-1260-4

R.T.: 7.290 min  
Delta R.T.: -0.003 min  
Response: 370298474  
Conc: 152.34 ng/ml



#35 AR-1260-5

R.T.: 8.333 min  
Delta R.T.: -0.005 min  
Response: 810326135  
Conc: 203.36 ng/ml



#35 AR-1260-5

R.T.: 7.636 min  
Delta R.T.: -0.004 min  
Response: 266897738  
Conc: 152.40 ng/ml