

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ103119\  
 Data File : PQ044658.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2019 10:19  
 Operator : HP\AJ  
 Sample : K5111-09  
 Misc : AR1254 MDL 25 PPB  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_Q  
 ClientSampleId :  
 MDL-MDL-WATER-03-QT4-2019

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 01 06:52:30 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ103019.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 30 15:29:39 2019  
 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... | 5.303  | 4.338 | 41232813 | 20414871 | 19.046 | 16.783   |
| 2)                          | SA Decachlor... | 11.536 | 9.750 | 89775341 | 104.3E6  | 18.918 | 24.432 # |
| Target Compounds            |                 |        |       |          |          |        |          |
| 7)                          | L1 AR-1016-5    | 0.000  | 6.113 | 0        | 72144    | N.D.   | 1.514 #  |
| 15)                         | L3 AR-1232-5    | 6.913  | 6.113 | 1517856  | 72144    | 43.600 | 1.703 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 6.494 | 0        | 2712177  | N.D.   | 55.626 # |
| 22)                         | L5 AR-1248-2    | 6.913  | 0.000 | 1517856  | 0        | 22.901 | N.D. #   |
| 24)                         | L5 AR-1248-4    | 7.532  | 6.113 | 456392   | 72144    | 5.597  | 1.077 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 6.494 | 0        | 2712177  | N.D.   | 37.854 # |
| 26)                         | L6 AR-1254-1    | 7.532  | 6.494 | 456392   | 2712177  | 4.773  | 21.732 # |
| 27)                         | L6 AR-1254-2    | 7.761  | 6.651 | 4640895  | 2900333  | 30.776 | 24.804   |
| 28)                         | L6 AR-1254-3    | 8.145  | 7.078 | 6363590  | 4954854  | 39.836 | 24.433 # |
| 29)                         | L6 AR-1254-4    | 8.441  | 7.317 | 5117282  | 2729967  | 45.312 | 20.638 # |
| 30)                         | L6 AR-1254-5    | 8.873  | 7.749 | 4041030  | 5078414  | 30.761 | 24.647   |
| 31)                         | L7 AR-1260-1    | 8.313  | 7.213 | 2612170  | 2311939  | 26.544 | 19.824 # |
| 32)                         | L7 AR-1260-2    | 8.577  | 7.408 | 4374400  | 2754631  | 37.261 | 18.059 # |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.568 | 0        | 2035809  | N.D.   | 14.825 # |
| 34)                         | L7 AR-1260-4    | 0.000  | 8.096 | 0        | 1467033  | N.D.   | 10.904 # |
| 35)                         | L7 AR-1260-5    | 0.000  | 8.281 | 0        | 372167   | N.D.   | 1.055 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.749 | 0        | 5078414  | N.D.   | 47.683 # |
| 37)                         | L8 AR-1262-2    | 0.000  | 8.281 | 0        | 372167   | N.D.   | 0.851 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.653 | 0        | 1626756  | N.D.   | 9.141 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.653 | 0        | 1626756  | N.D.   | 4.639 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.653 | 0        | 1626756  | N.D.   | 3.102 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.653 | 0        | 1626756  | N.D.   | 3.273 #  |
| -----                       |                 |        |       |          |          |        |          |

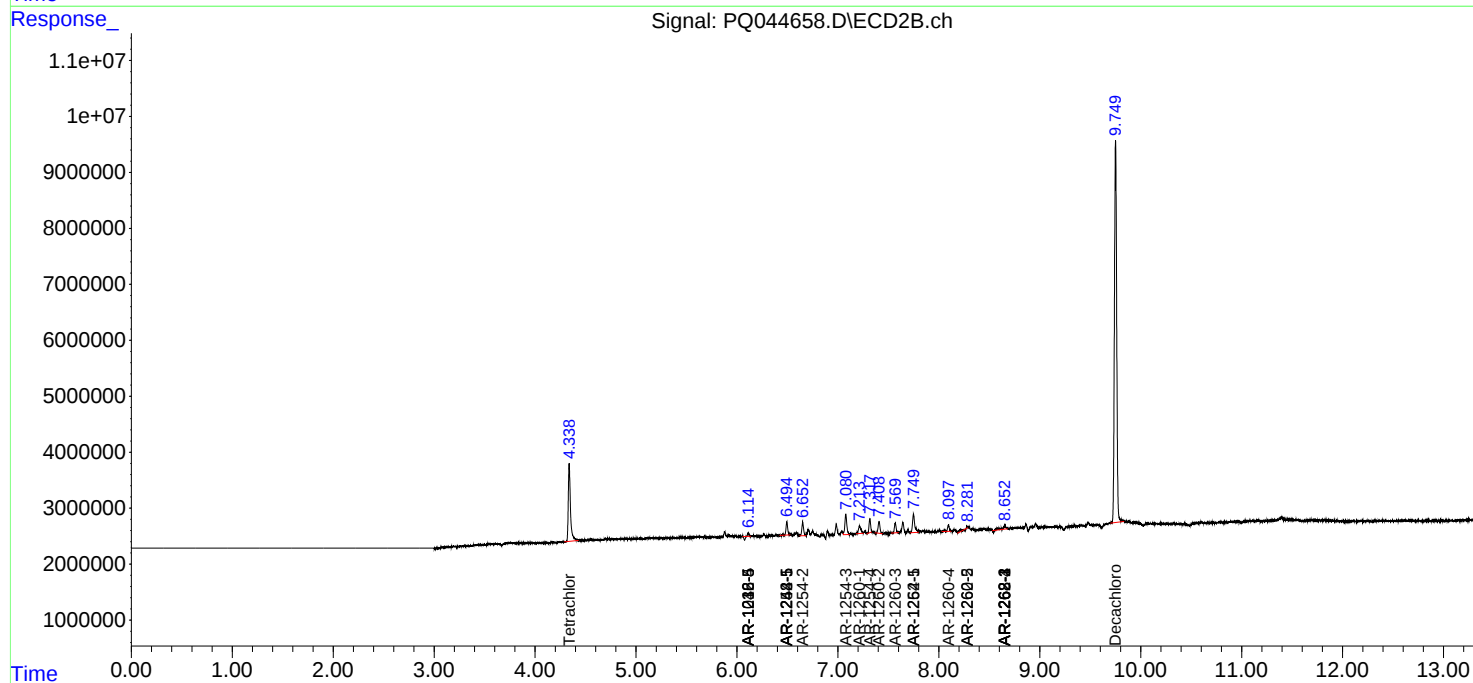
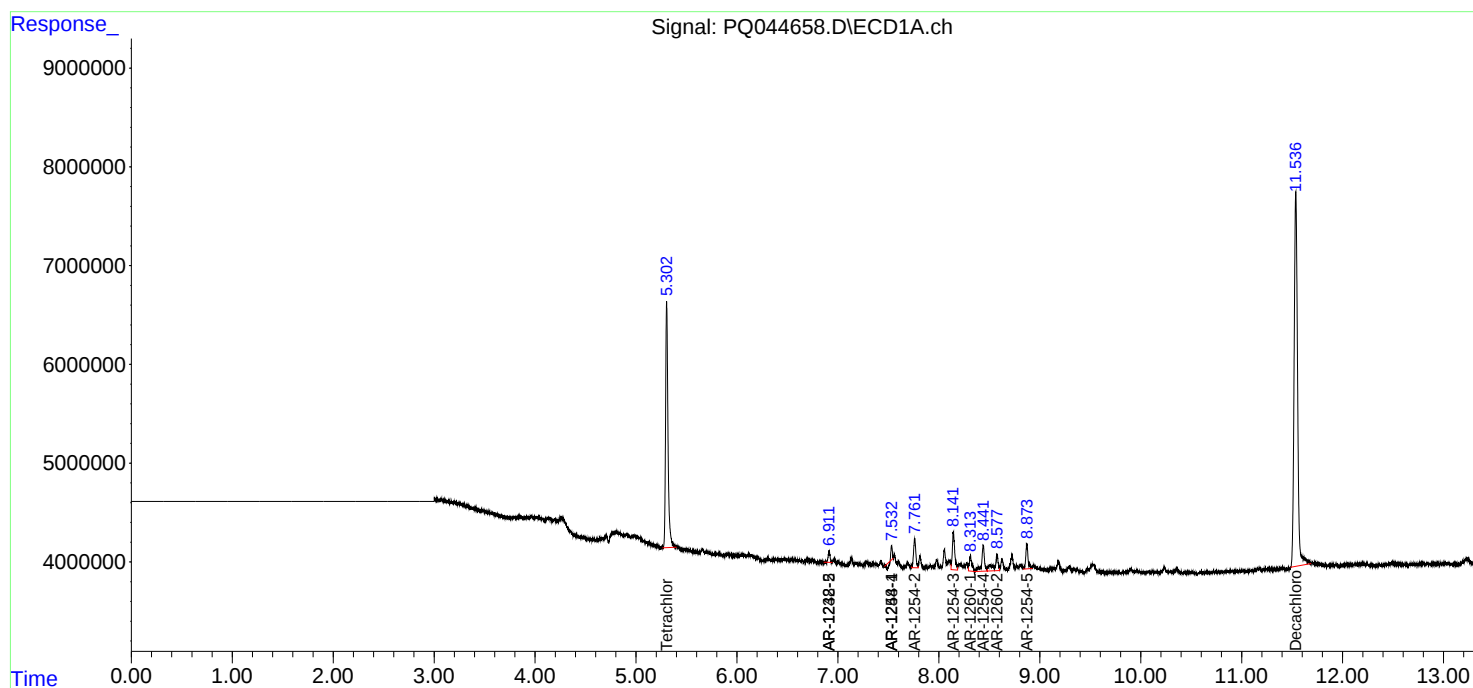
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

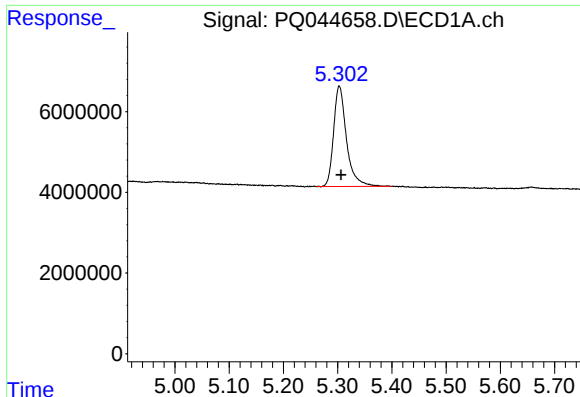
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Data\PQ103119\  
Data File : PQ044658.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2019 10:19  
Operator : HP\AJ  
Sample : K5111-09  
Misc : AR1254 MDL 25 PPB  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 01 06:52:30 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_Q\Method\PQ103019.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 30 15:29:39 2019  
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

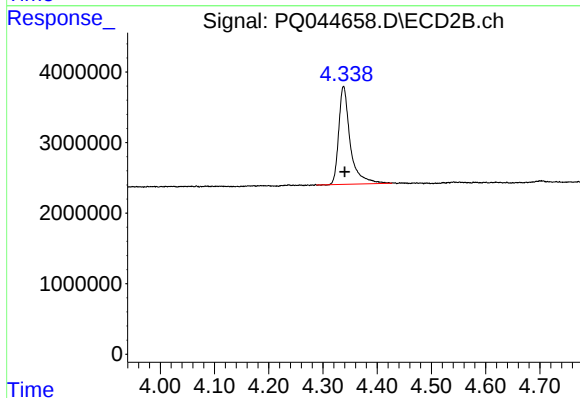




#1 Tetrachloro-m-xylene

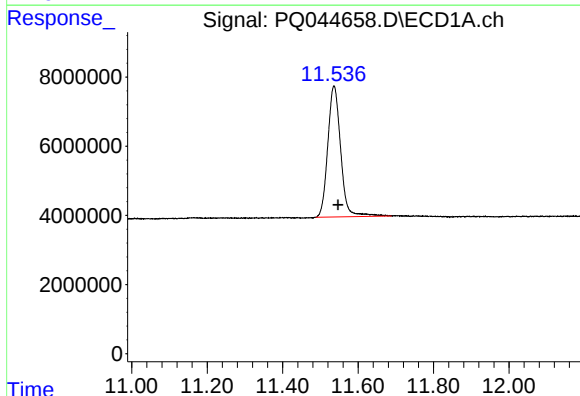
R.T.: 5.303 min  
Delta R.T.: -0.003 min  
Response: 41232813  
Conc: 19.05 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



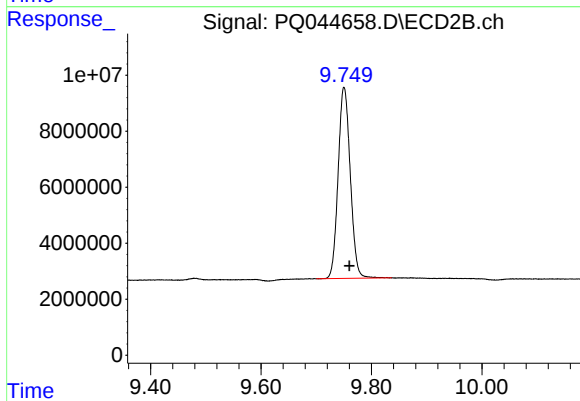
#1 Tetrachloro-m-xylene

R.T.: 4.338 min  
Delta R.T.: -0.002 min  
Response: 20414871  
Conc: 16.78 ng/ml



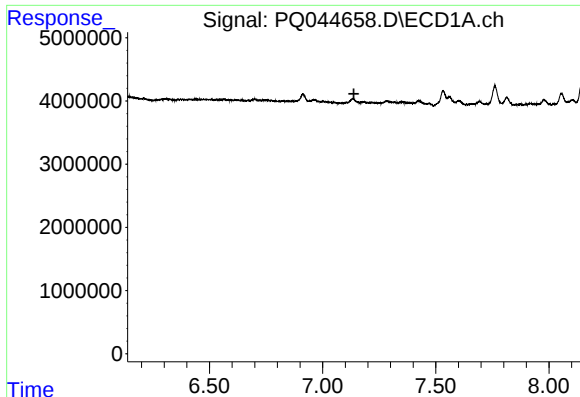
#2 Decachlorobiphenyl

R.T.: 11.536 min  
Delta R.T.: -0.011 min  
Response: 89775341  
Conc: 18.92 ng/ml



#2 Decachlorobiphenyl

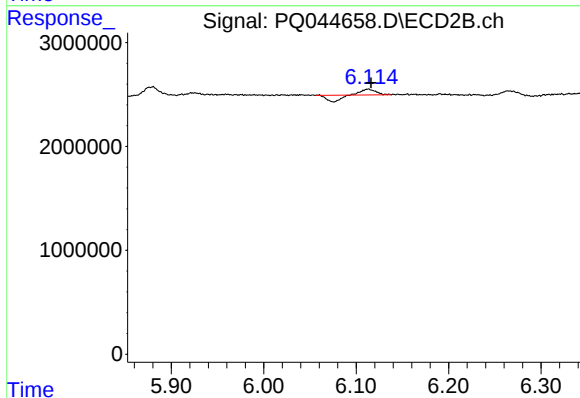
R.T.: 9.750 min  
Delta R.T.: -0.010 min  
Response: 104301086  
Conc: 24.43 ng/ml



#7 AR-1016-5

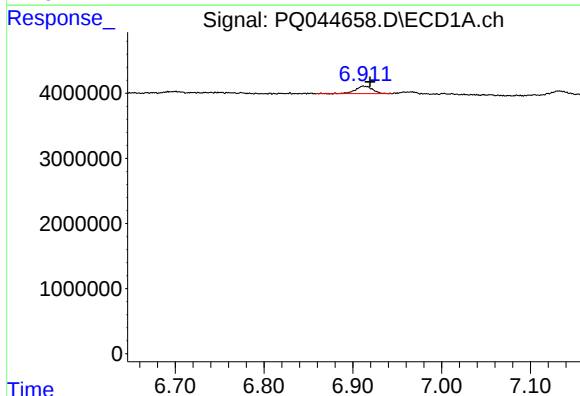
R.T.: 0.000 min  
Exp R.T.: 7.138 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



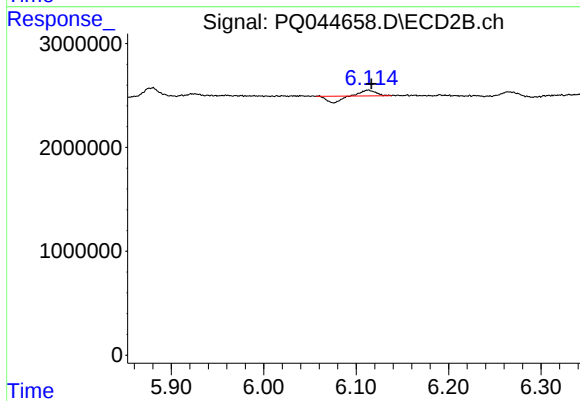
#7 AR-1016-5

R.T.: 6.113 min  
Delta R.T.: -0.003 min  
Response: 72144  
Conc: 1.51 ng/ml



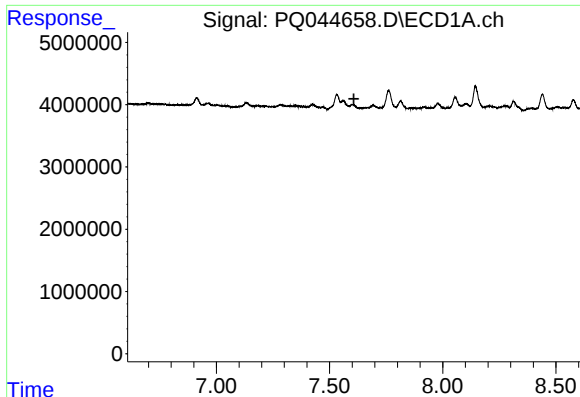
#15 AR-1232-5

R.T.: 6.913 min  
Delta R.T.: -0.007 min  
Response: 1517856  
Conc: 43.60 ng/ml



#15 AR-1232-5

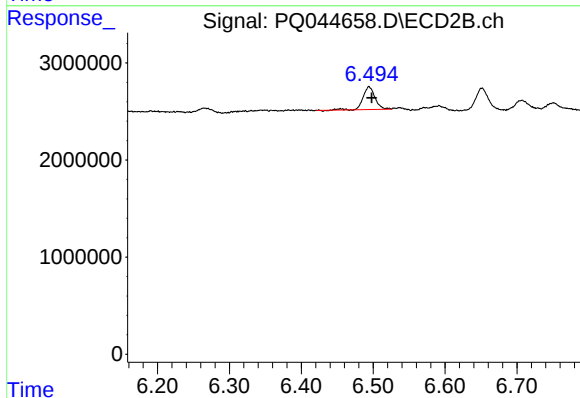
R.T.: 6.113 min  
Delta R.T.: -0.004 min  
Response: 72144  
Conc: 1.70 ng/ml



#20 AR-1242-5

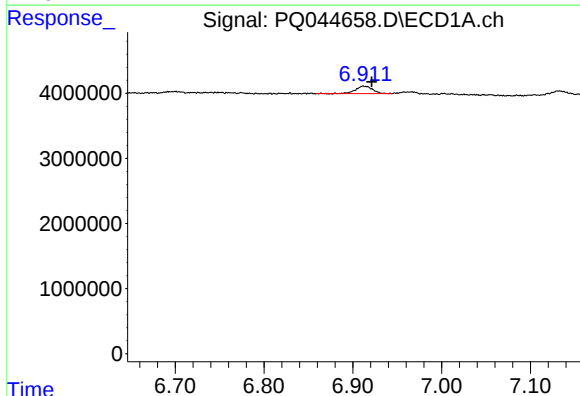
R.T.: 0.000 min  
Exp R.T.: 7.607 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



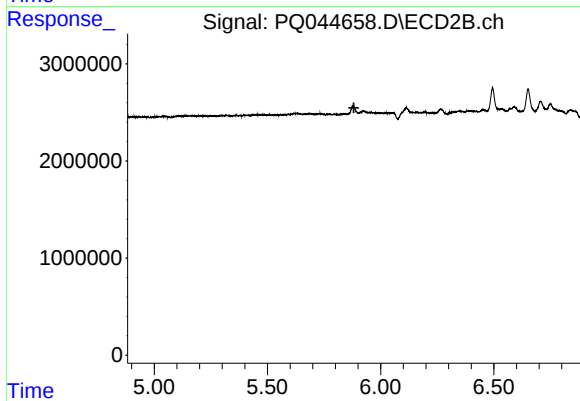
#20 AR-1242-5

R.T.: 6.494 min  
Delta R.T.: -0.004 min  
Response: 2712177  
Conc: 55.63 ng/ml



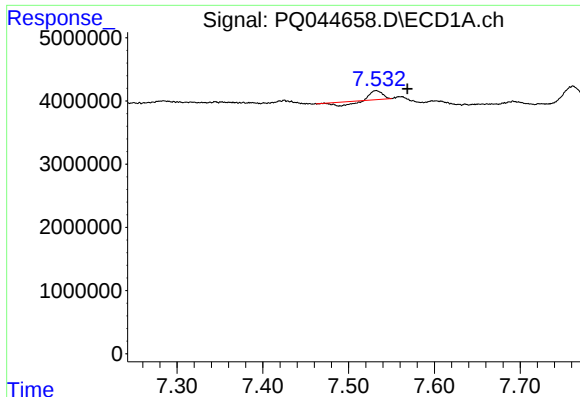
#22 AR-1248-2

R.T.: 6.913 min  
Delta R.T.: -0.009 min  
Response: 1517856  
Conc: 22.90 ng/ml



#22 AR-1248-2

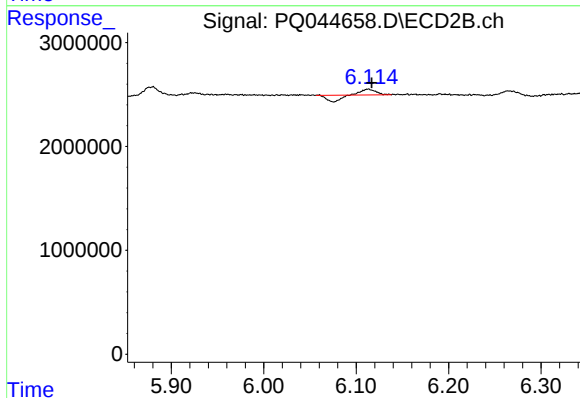
R.T.: 0.000 min  
Exp R.T.: 5.882 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

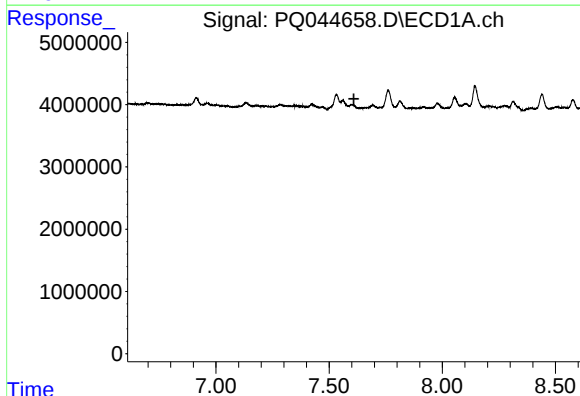
R.T.: 7.532 min  
Delta R.T.: -0.036 min  
Response: 456392  
Conc: 5.60 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



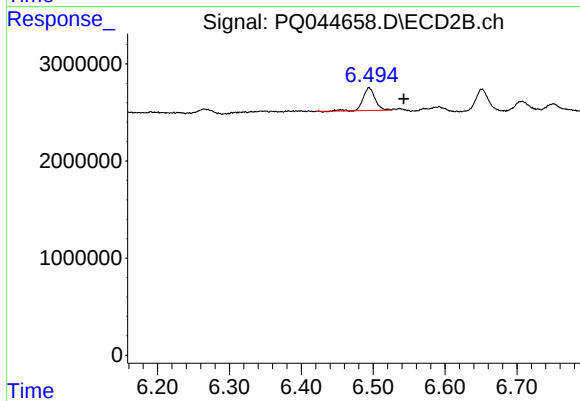
#24 AR-1248-4

R.T.: 6.113 min  
Delta R.T.: -0.004 min  
Response: 72144  
Conc: 1.08 ng/ml



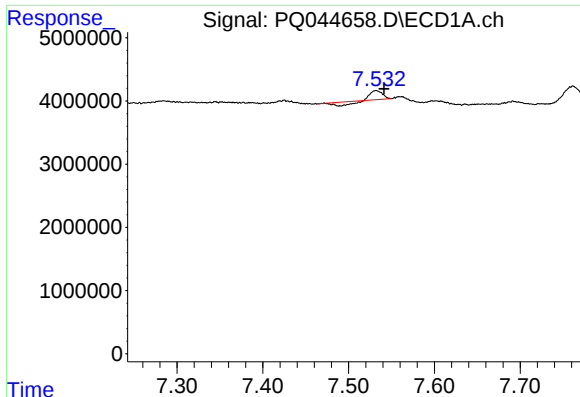
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 7.609 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

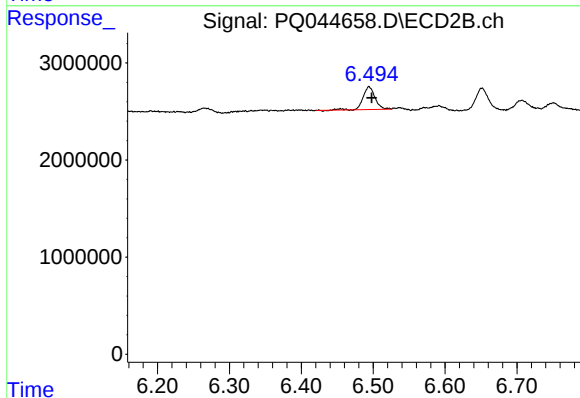
R.T.: 6.494 min  
Delta R.T.: -0.048 min  
Response: 2712177  
Conc: 37.85 ng/ml



#26 AR-1254-1

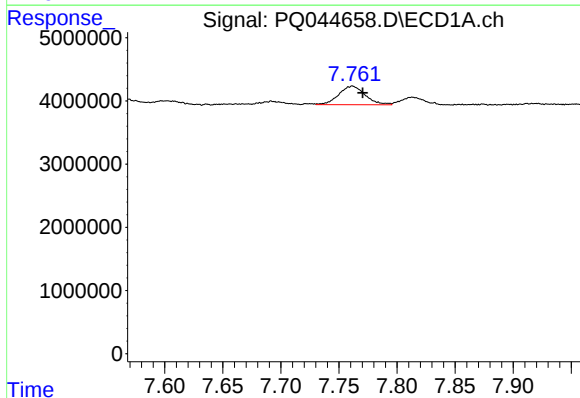
R.T.: 7.532 min  
Delta R.T.: -0.009 min  
Response: 456392  
Conc: 4.77 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



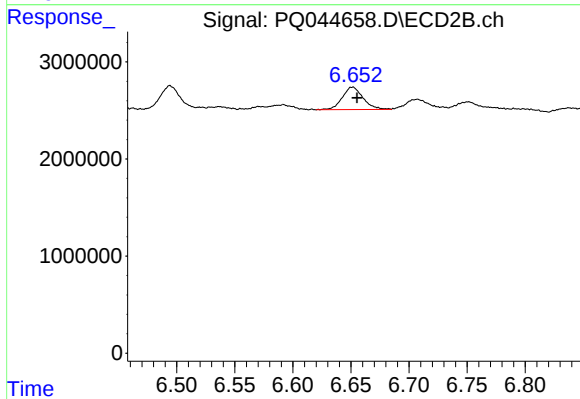
#26 AR-1254-1

R.T.: 6.494 min  
Delta R.T.: -0.004 min  
Response: 2712177  
Conc: 21.73 ng/ml



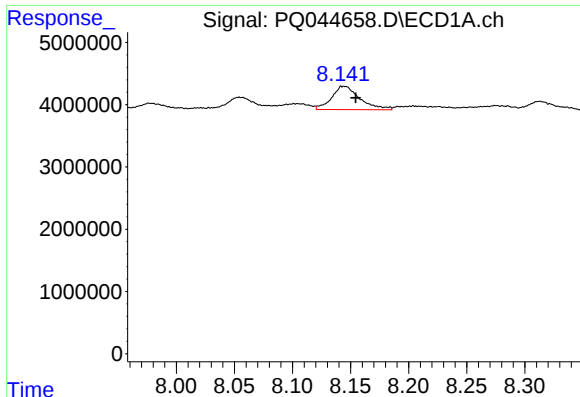
#27 AR-1254-2

R.T.: 7.761 min  
Delta R.T.: -0.009 min  
Response: 4640895  
Conc: 30.78 ng/ml



#27 AR-1254-2

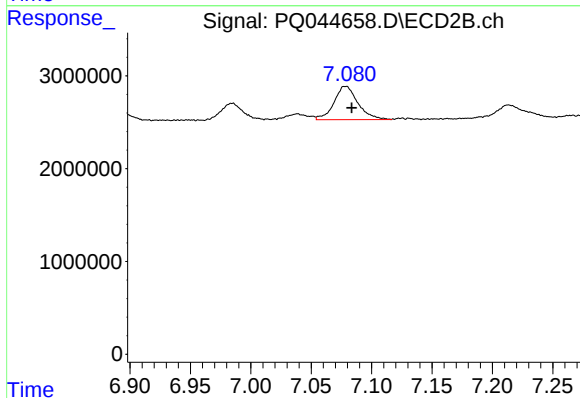
R.T.: 6.651 min  
Delta R.T.: -0.004 min  
Response: 2900333  
Conc: 24.80 ng/ml



#28 AR-1254-3

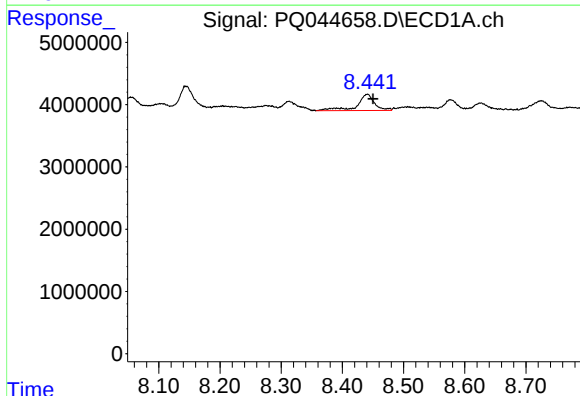
R.T.: 8.145 min  
Delta R.T.: -0.010 min  
Response: 6363590  
Conc: 39.84 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



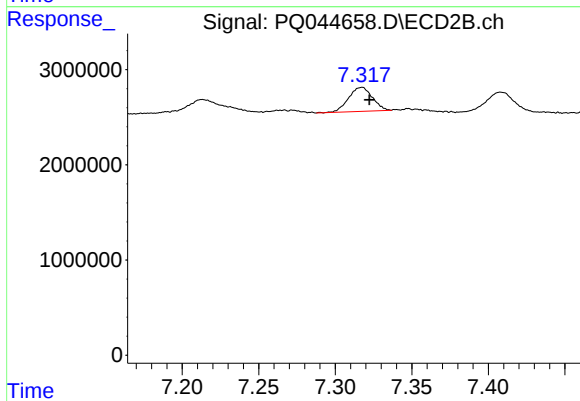
#28 AR-1254-3

R.T.: 7.078 min  
Delta R.T.: -0.005 min  
Response: 4954854  
Conc: 24.43 ng/ml



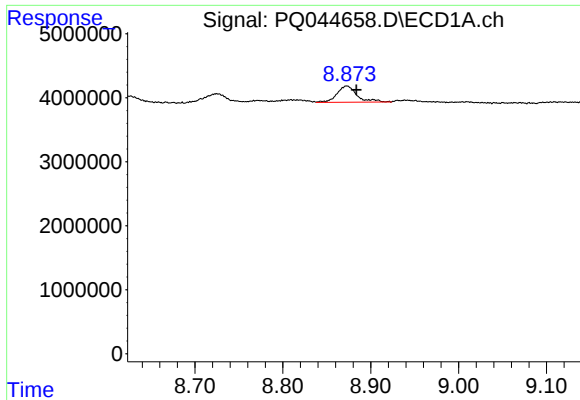
#29 AR-1254-4

R.T.: 8.441 min  
Delta R.T.: -0.010 min  
Response: 5117282  
Conc: 45.31 ng/ml



#29 AR-1254-4

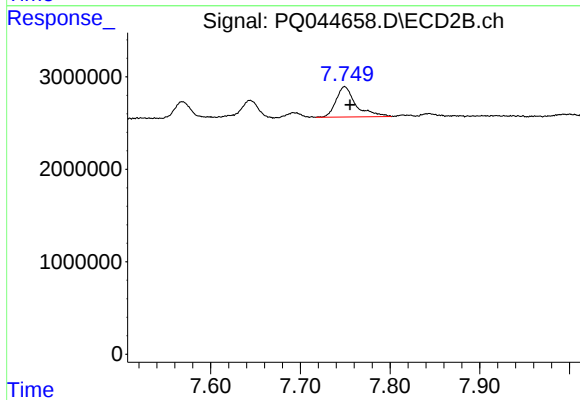
R.T.: 7.317 min  
Delta R.T.: -0.005 min  
Response: 2729967  
Conc: 20.64 ng/ml



#30 AR-1254-5

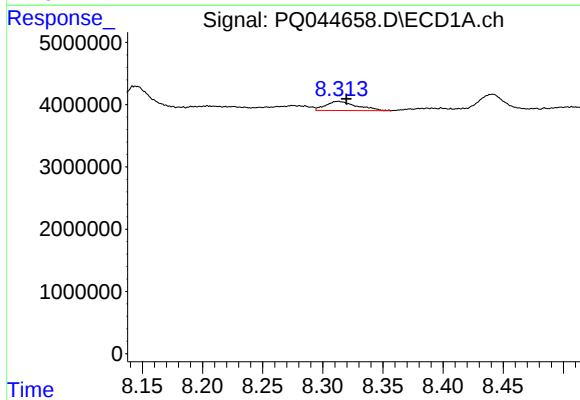
R.T.: 8.873 min  
Delta R.T.: -0.011 min  
Response: 4041030  
Conc: 30.76 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



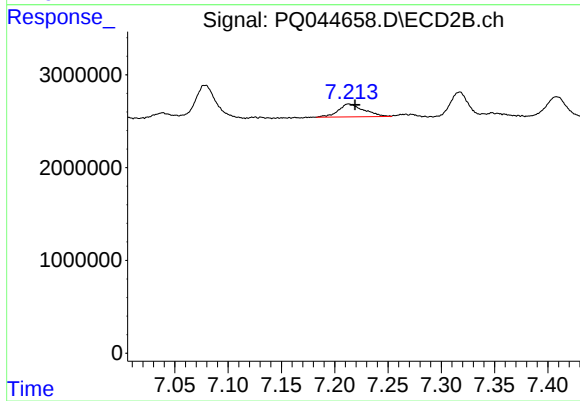
#30 AR-1254-5

R.T.: 7.749 min  
Delta R.T.: -0.006 min  
Response: 5078414  
Conc: 24.65 ng/ml



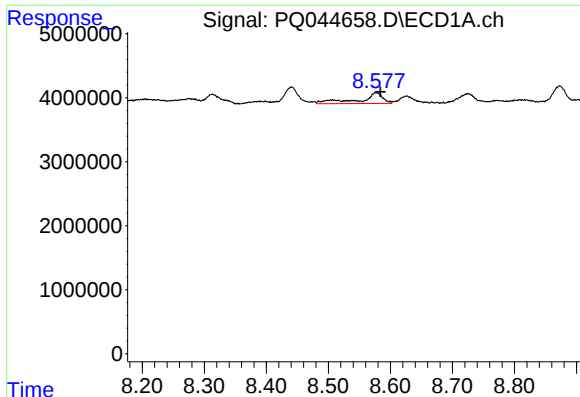
#31 AR-1260-1

R.T.: 8.313 min  
Delta R.T.: -0.006 min  
Response: 2612170  
Conc: 26.54 ng/ml



#31 AR-1260-1

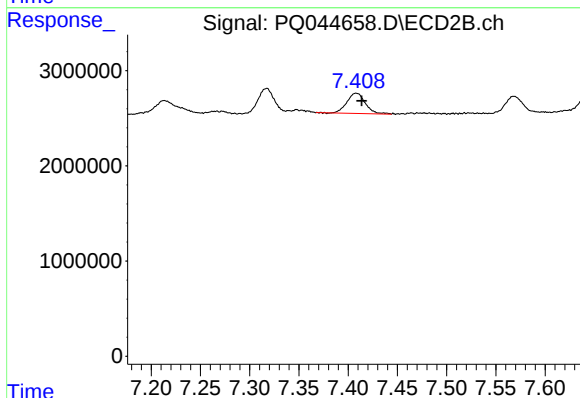
R.T.: 7.213 min  
Delta R.T.: -0.006 min  
Response: 2311939  
Conc: 19.82 ng/ml



#32 AR-1260-2

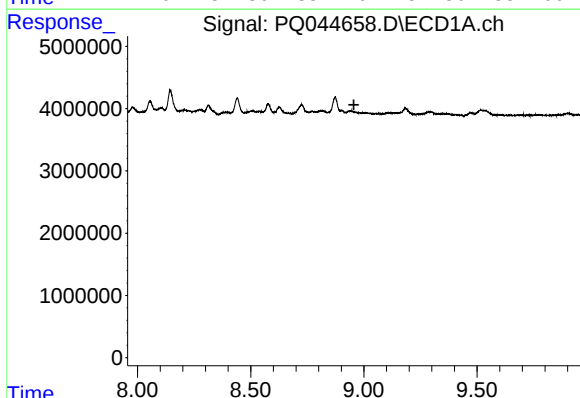
R.T.: 8.577 min  
Delta R.T.: -0.007 min  
Response: 4374400  
Conc: 37.26 ng/ml

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



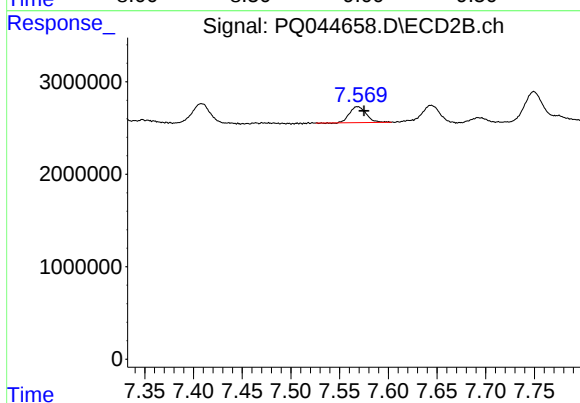
#32 AR-1260-2

R.T.: 7.408 min  
Delta R.T.: -0.006 min  
Response: 2754631  
Conc: 18.06 ng/ml



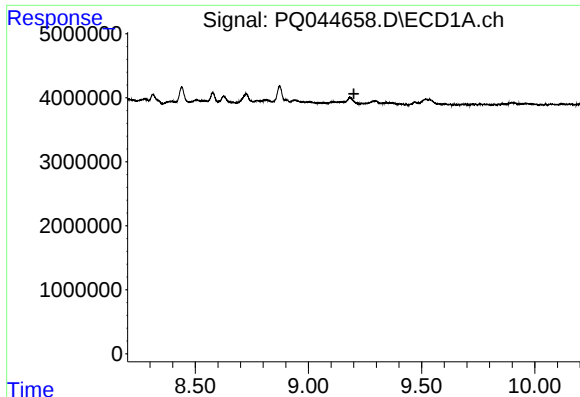
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.956 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

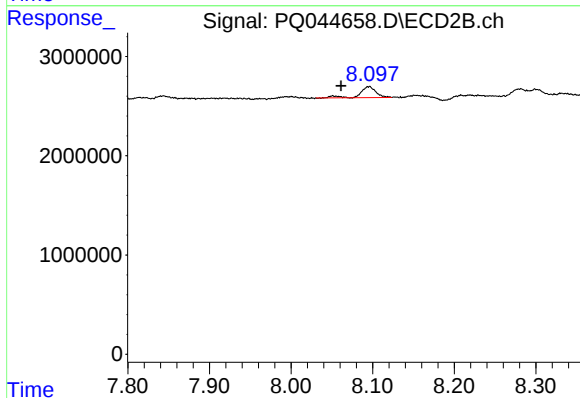
R.T.: 7.568 min  
Delta R.T.: -0.007 min  
Response: 2035809  
Conc: 14.83 ng/ml



#34 AR-1260-4

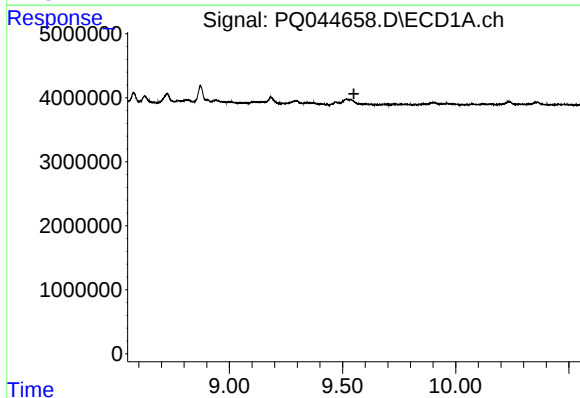
R.T.: 0.000 min  
Exp R.T.: 9.201 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



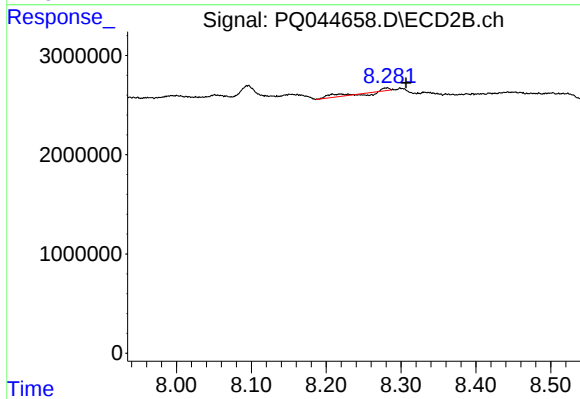
#34 AR-1260-4

R.T.: 8.096 min  
Delta R.T.: 0.035 min  
Response: 1467033  
Conc: 10.90 ng/ml



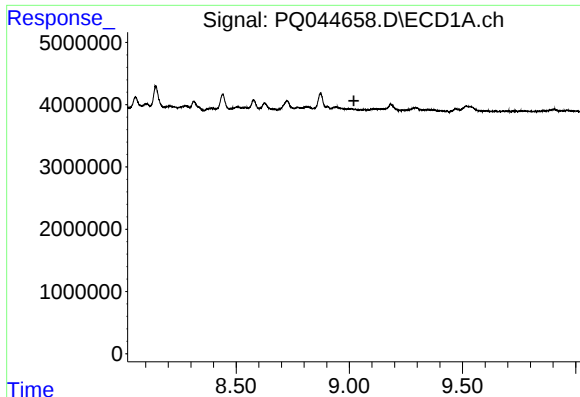
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 9.550 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

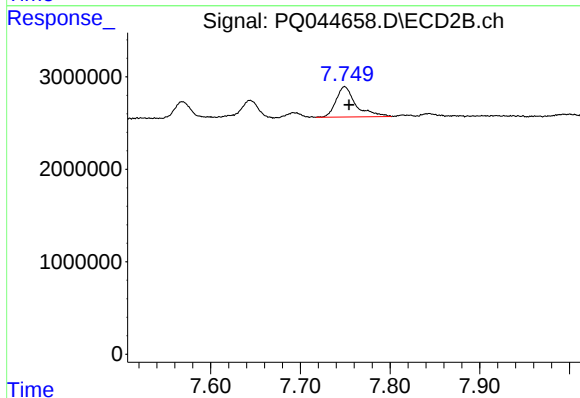
R.T.: 8.281 min  
Delta R.T.: -0.025 min  
Response: 372167  
Conc: 1.06 ng/ml



#36 AR-1262-1

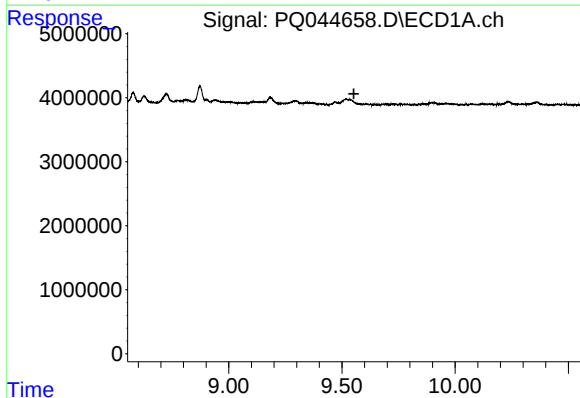
R.T.: 0.000 min  
Exp R.T.: 9.020 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



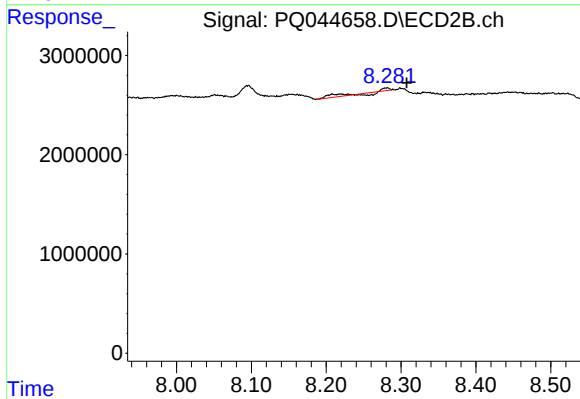
#36 AR-1262-1

R.T.: 7.749 min  
Delta R.T.: -0.005 min  
Response: 5078414  
Conc: 47.68 ng/ml



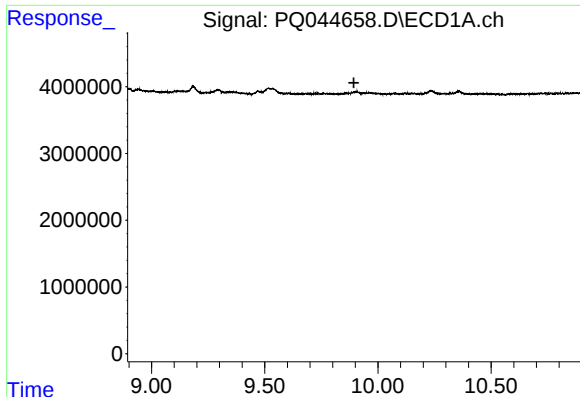
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 9.553 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

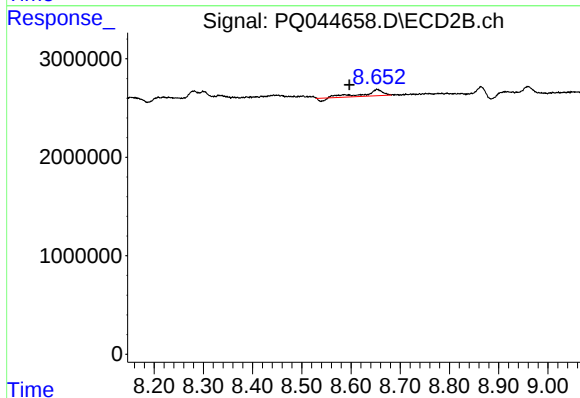
R.T.: 8.281 min  
Delta R.T.: -0.026 min  
Response: 372167  
Conc: 0.85 ng/ml



#38 AR-1262-3

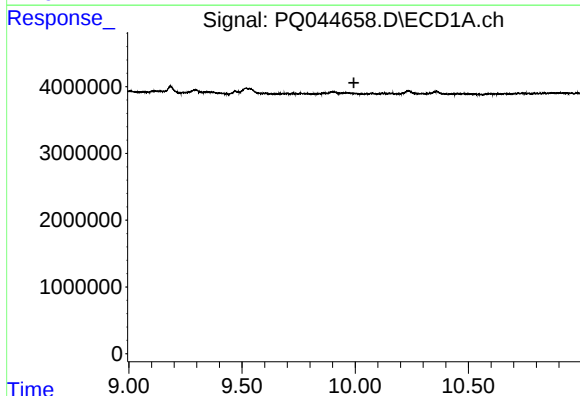
R.T.: 0.000 min  
Exp R.T. : 9.894 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



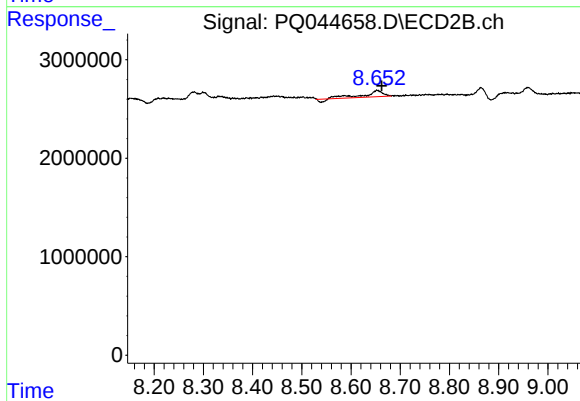
#38 AR-1262-3

R.T.: 8.653 min  
Delta R.T.: 0.056 min  
Response: 1626756  
Conc: 9.14 ng/ml



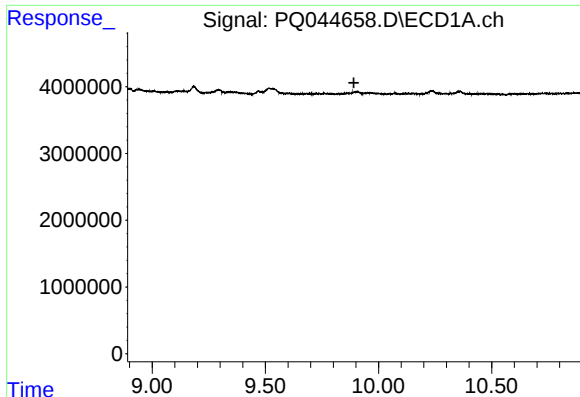
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 9.994 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

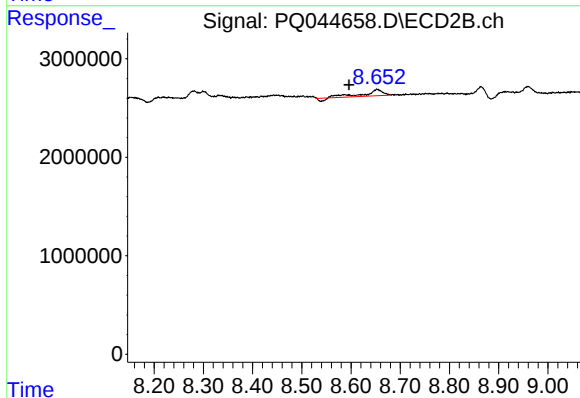
R.T.: 8.653 min  
Delta R.T.: -0.010 min  
Response: 1626756  
Conc: 4.64 ng/ml



#41 AR-1268-1

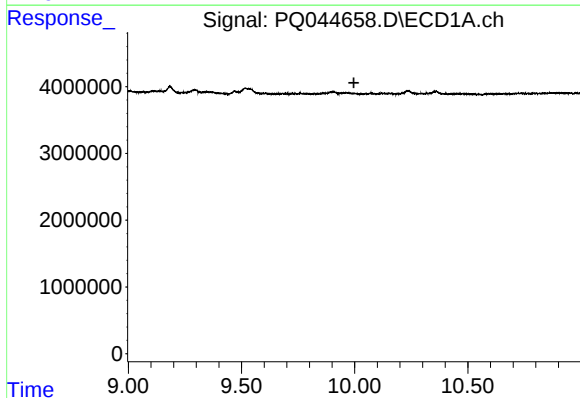
R.T.: 0.000 min  
Exp R.T.: 9.891 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_Q  
ClientSampleId :  
MDL-MDL-WATER-03-QT4-2019



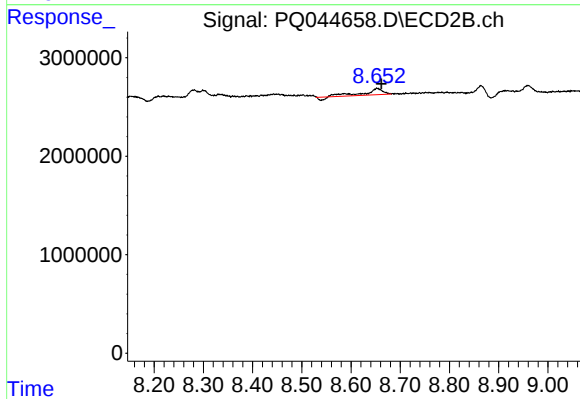
#41 AR-1268-1

R.T.: 8.653 min  
Delta R.T.: 0.057 min  
Response: 1626756  
Conc: 3.10 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.996 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.653 min  
Delta R.T.: -0.009 min  
Response: 1626756  
Conc: 3.27 ng/ml