Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100923\
Data File : PQ063575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2023 20:51
Operator : YP\AJ
Sample : 04699-07
Misc : AR1660 LOD 40 PPB
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 06:28:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 20 05:26:41 2023
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... | 3.461 | 2.780 | 110.5E6 | 84412816 | 23.585 | 24.425 |
| 2) | SA Decachlor... | 8.696 | 7.581 | 85067834 | 97089650 | 24.343 | 27.009 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.576 | 3.791 | 7852480 | 6434932 | 54.008 | 51.660 |
| 4) | L1 AR-1016-2 | 4.595 | 3.807 | 11839651 | 9008160 | 50.675 | 50.676 |
| 5) | L1 AR-1016-3 | 4.654 | 3.968 | 7656317 | 4926853 | 53.281 | 51.060 |
| 6) | L1 AR-1016-4 | 4.746 | 4.017 | 5789113 | 4370969 | 50.752 | 53.921 |
| 7) | L1 AR-1016-5 | 5.036 | 4.213 | 6270877 | 5334019 | 53.365 | 52.988 |
| 31) | L7 AR-1260-1 | 6.147 | 5.214 | 13606370 | 11190773 | 56.566 | 55.421 |
| 32) | L7 AR-1260-2 | 6.409 | 5.404 | 15175725 | 13055101 | 53.563 | 53.352 |
| 33) | L7 AR-1260-3 | 6.764 | 5.546 | 11039438 | 12376736 | 54.307 | 52.339 |
| 34) | L7 AR-1260-4 | 6.982 | 6.011 | 12935658 | 10054860 | 54.265 | 52.664 |
| 35) | L7 AR-1260-5 | 7.296 | 6.257 | 22044931 | 21680283 | 49.241 | 49.506 |

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

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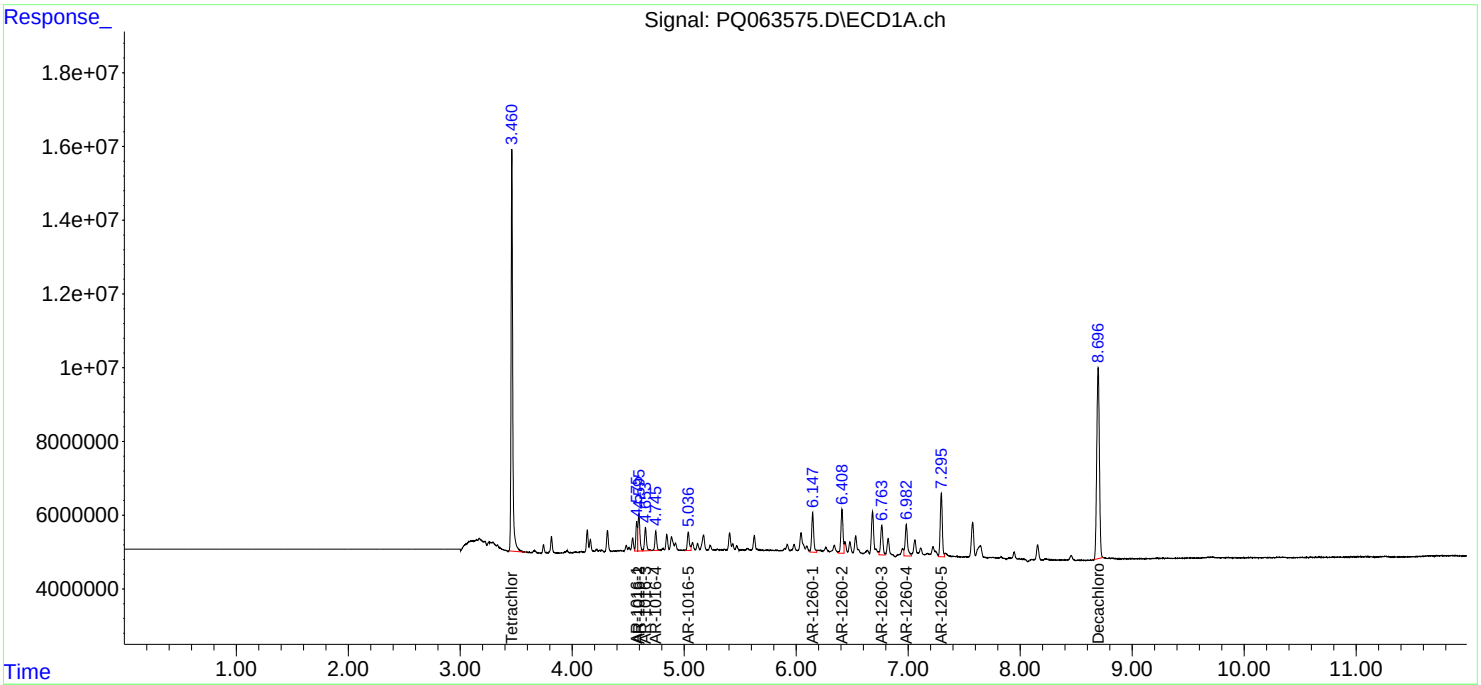
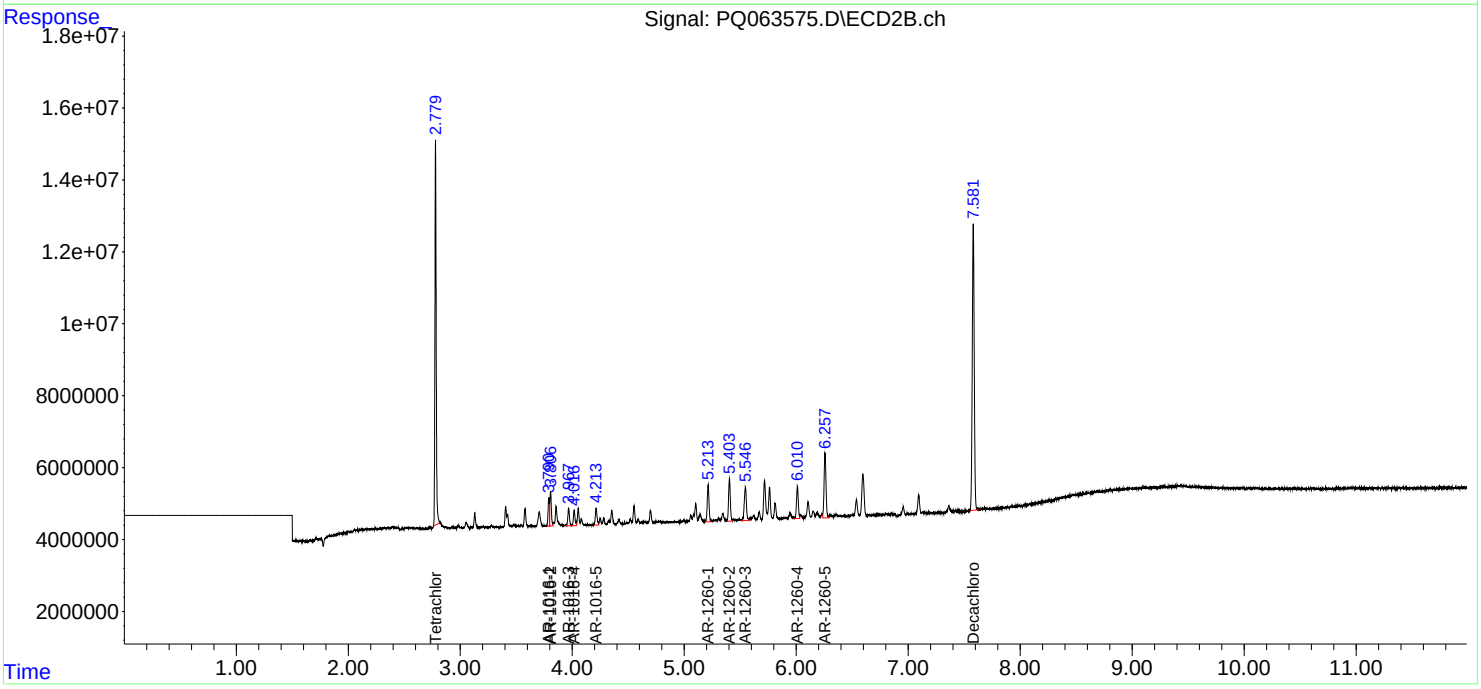
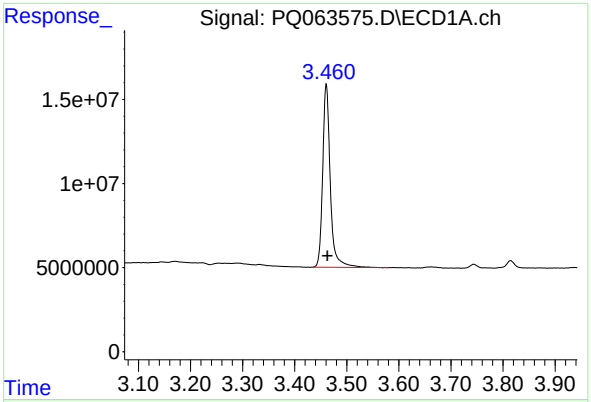


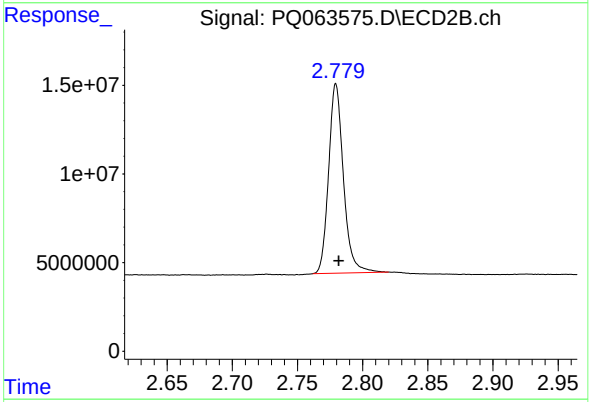






#1 Tetrachloro-m-xylene

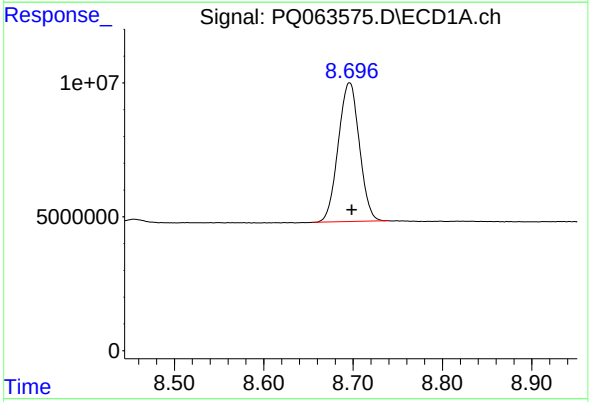
R.T.: 3.461 min
Delta R.T.: -0.002 min
Response: 110460296
Conc: 23.58 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023



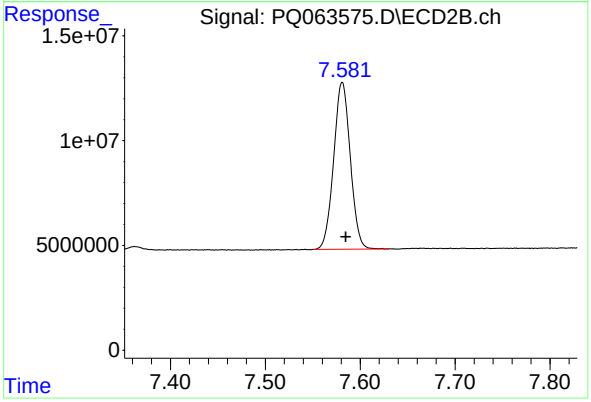

#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 84412816
Conc: 24.43 ng/ml



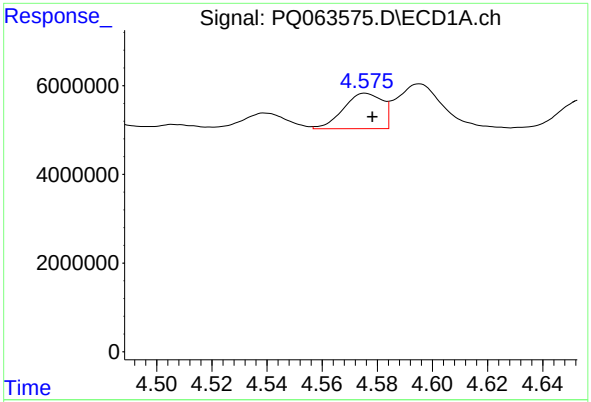

#2 Decachlorobiphenyl

R.T.: 8.696 min
Delta R.T.: -0.002 min
Response: 85067834
Conc: 24.34 ng/ml




#2 Decachlorobiphenyl

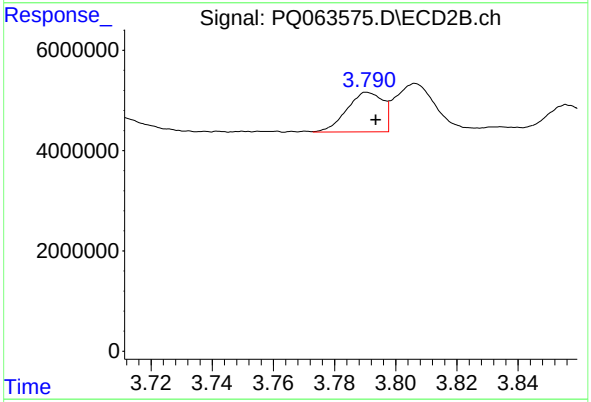
R.T.: 7.581 min
Delta R.T.: -0.004 min
Response: 97089650
Conc: 27.01 ng/ml




#3 AR-1016-1

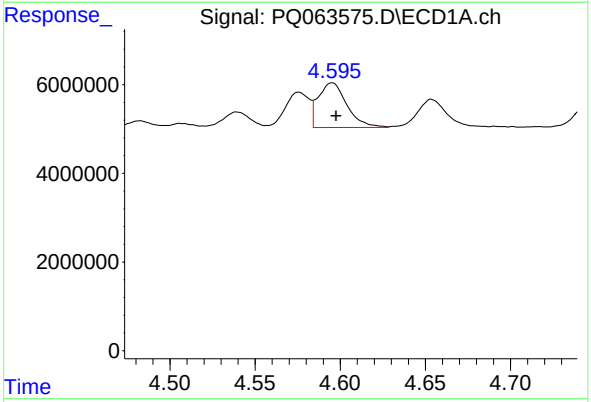
R.T.: 4.576 min
Delta R.T.: -0.002 min
Response: 7852480
Conc: 54.01 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023



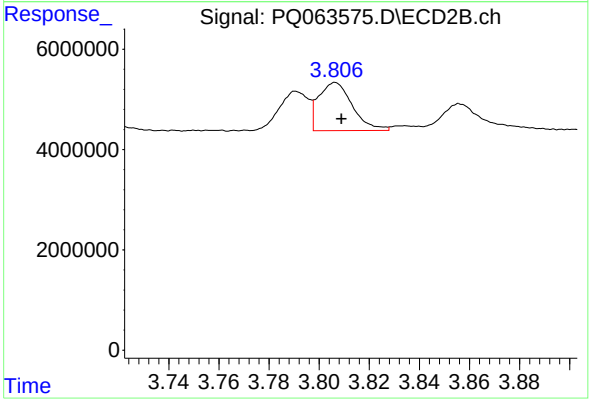

#3 AR-1016-1

R.T.: 3.791 min
Delta R.T.: -0.003 min
Response: 6434932
Conc: 51.66 ng/ml



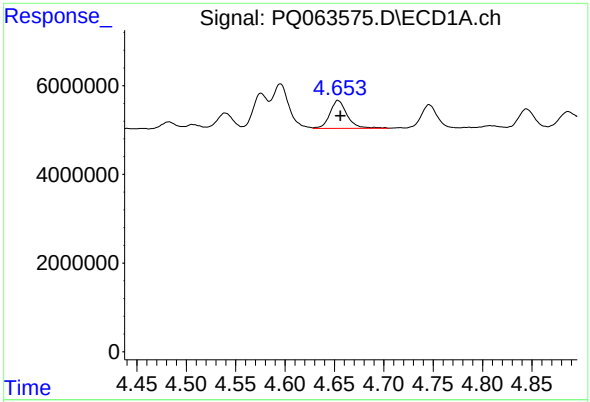

#4 AR-1016-2

R.T.: 4.595 min
Delta R.T.: -0.002 min
Response: 11839651
Conc: 50.67 ng/ml




#4 AR-1016-2

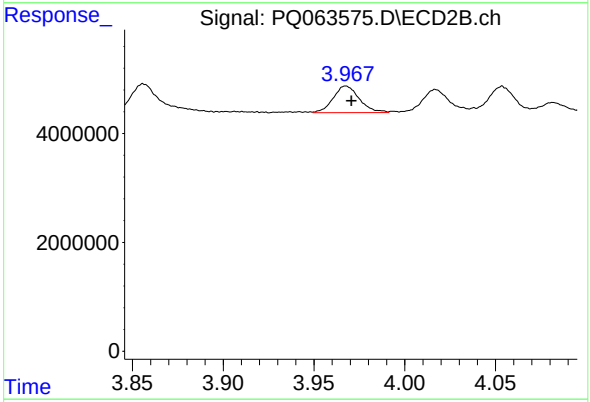
R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 9008160
Conc: 50.68 ng/ml




#5 AR-1016-3

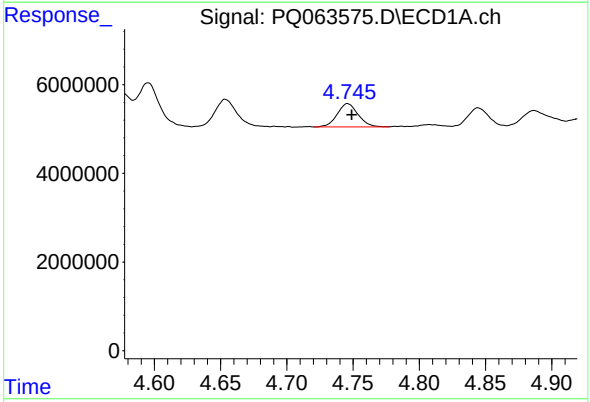
R.T.: 4.654 min
Delta R.T.: -0.002 min
Response: 7656317
Conc: 53.28 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023



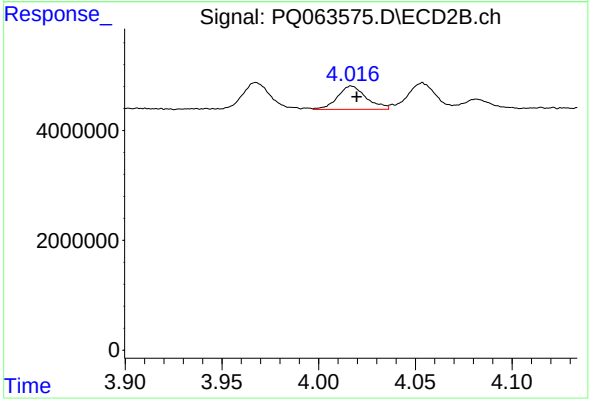

#5 AR-1016-3

R.T.: 3.968 min
Delta R.T.: -0.003 min
Response: 4926853
Conc: 51.06 ng/ml



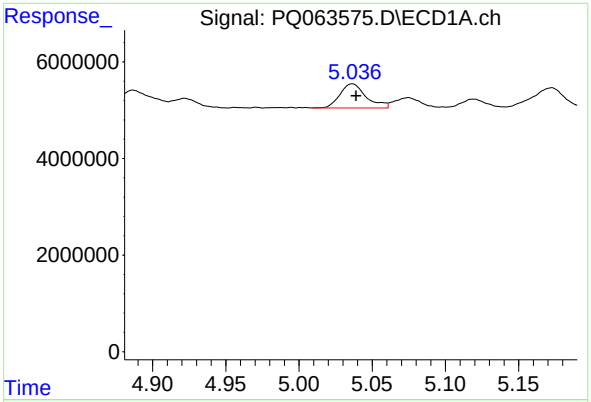

#6 AR-1016-4

R.T.: 4.746 min
Delta R.T.: -0.003 min
Response: 5789113
Conc: 50.75 ng/ml




#6 AR-1016-4

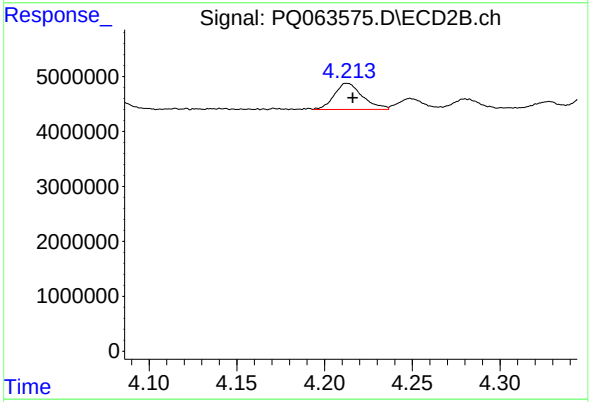
R.T.: 4.017 min
Delta R.T.: -0.003 min
Response: 4370969
Conc: 53.92 ng/ml




#7 AR-1016-5

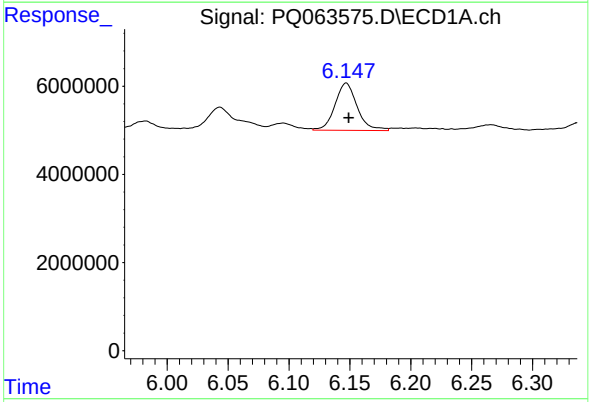
R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 6270877
Conc: 53.37 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023



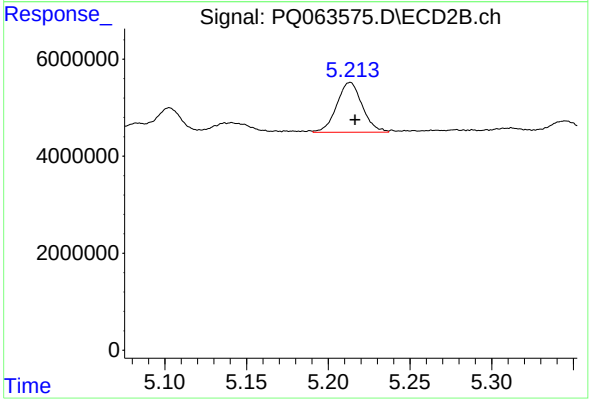

#7 AR-1016-5

R.T.: 4.213 min
Delta R.T.: -0.003 min
Response: 5334019
Conc: 52.99 ng/ml



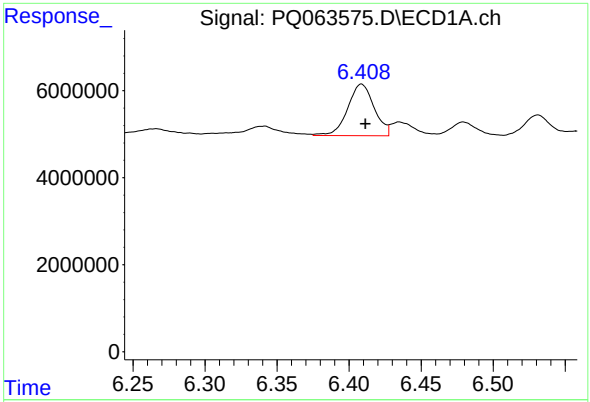

#31 AR-1260-1

R.T.: 6.147 min
Delta R.T.: -0.002 min
Response: 13606370
Conc: 56.57 ng/ml




#31 AR-1260-1

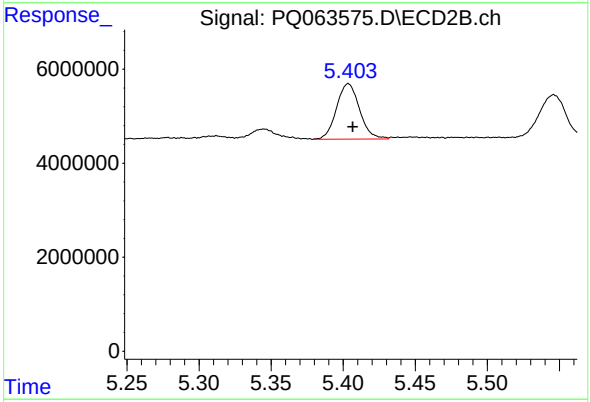
R.T.: 5.214 min
Delta R.T.: -0.003 min
Response: 11190773
Conc: 55.42 ng/ml




#32 AR-1260-2

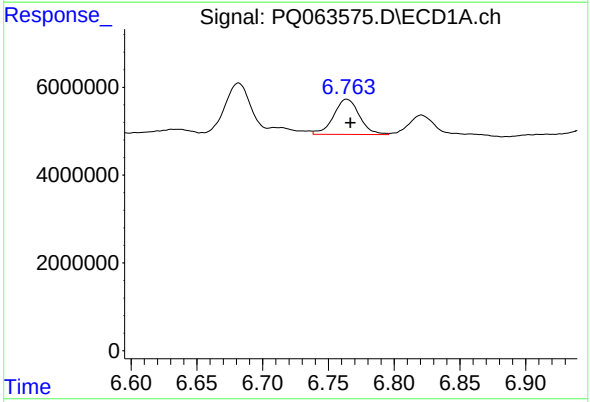
R.T.: 6.409 min
Delta R.T.: -0.003 min
Response: 15175725
Conc: 53.56 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023



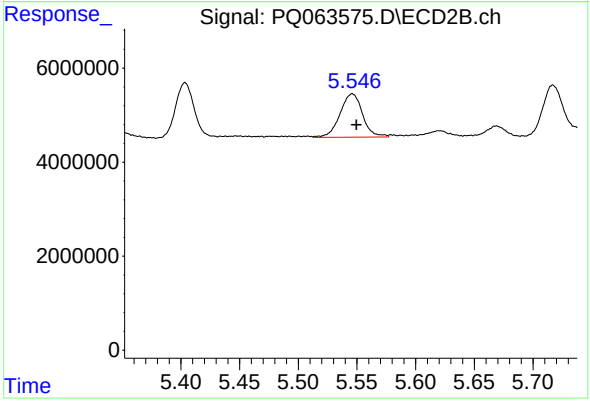

#32 AR-1260-2

R.T.: 5.404 min
Delta R.T.: -0.003 min
Response: 13055101
Conc: 53.35 ng/ml



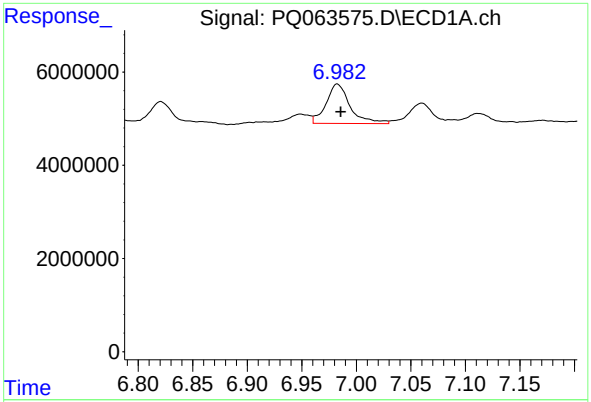

#33 AR-1260-3

R.T.: 6.764 min
Delta R.T.: -0.003 min
Response: 11039438
Conc: 54.31 ng/ml




#33 AR-1260-3

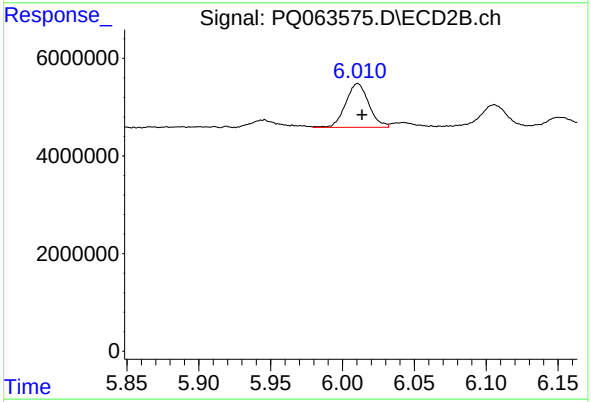
R.T.: 5.546 min
Delta R.T.: -0.003 min
Response: 12376736
Conc: 52.34 ng/ml




#34 AR-1260-4

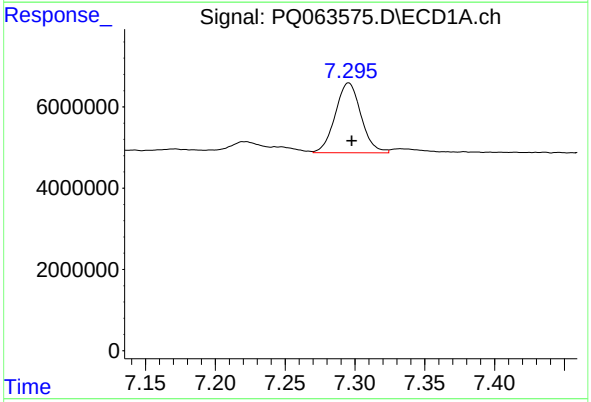
R.T.: 6.982 min
Delta R.T.: -0.003 min
Response: 12935658
Conc: 54.26 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2023



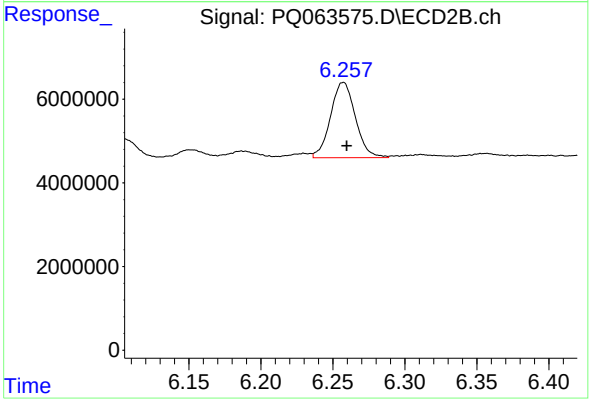

#34 AR-1260-4

R.T.: 6.011 min
Delta R.T.: -0.003 min
Response: 10054860
Conc: 52.66 ng/ml




#35 AR-1260-5

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 22044931
Conc: 49.24 ng/ml




#35 AR-1260-5

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 21680283
Conc: 49.51 ng/ml