Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080522\
Data File : PQ058785.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2022 17:20
Operator : YP\AJ
Sample : N3980-07
Misc : AR1660 LOD 40 PPB
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 07:35:24 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080422.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 06 07:23:38 2022
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... | 4.686 | 4.047 | 140.2E6 | 109.5E6 | 20.755 | 19.958 |
| 2) | SA Decachlor... | 10.593 | 9.167 | 135.3E6 | 75595029 | 19.263 | 19.164 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.867 | 5.145 | 7831149 | 7253260 | 49.630 | 45.600 |
| 4) | L1 AR-1016-2 | 5.891 | 5.165 | 13022532 | 10773577 | 47.679 | 46.783 |
| 5) | L1 AR-1016-3 | 5.952 | 5.345 | 8572316 | 4921478 | 47.755 | 42.870 |
| 6) | L1 AR-1016-4 | 6.053 | 5.383 | 6773298 | 4463175 | 45.339 | 47.754 |
| 7) | L1 AR-1016-5 | 6.346 | 5.601 | 5861859 | 5368897 | 48.163 | 43.178 |
| 31) | L7 AR-1260-1 | 7.471 | 6.636 | 11260306 | 10990794 | 53.283 | 47.765 |
| 32) | L7 AR-1260-2 | 7.728 | 6.820 | 12852668 | 12763682 | 50.326 | 46.746 |
| 33) | L7 AR-1260-3 | 8.088 | 6.980 | 10312201 | 11138529 | 47.326 | 44.989 |
| 34) | L7 AR-1260-4 | 8.328 | 7.451 | 11824721 | 8923828 | 48.783 | 44.262 |
| 35) | L7 AR-1260-5 | 8.666 | 7.689 | 26365685 | 20364716 | 46.064 | 43.157 |

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

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Data File : PQ058785.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2022 17:20
Operator : YP\AJ
Sample : N3980-07
Misc : AR1660 LOD 40 PPB
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 07:35:24 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080422.M
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QLast Update : Sat Aug 06 07:23:38 2022
Response via : Initial Calibration
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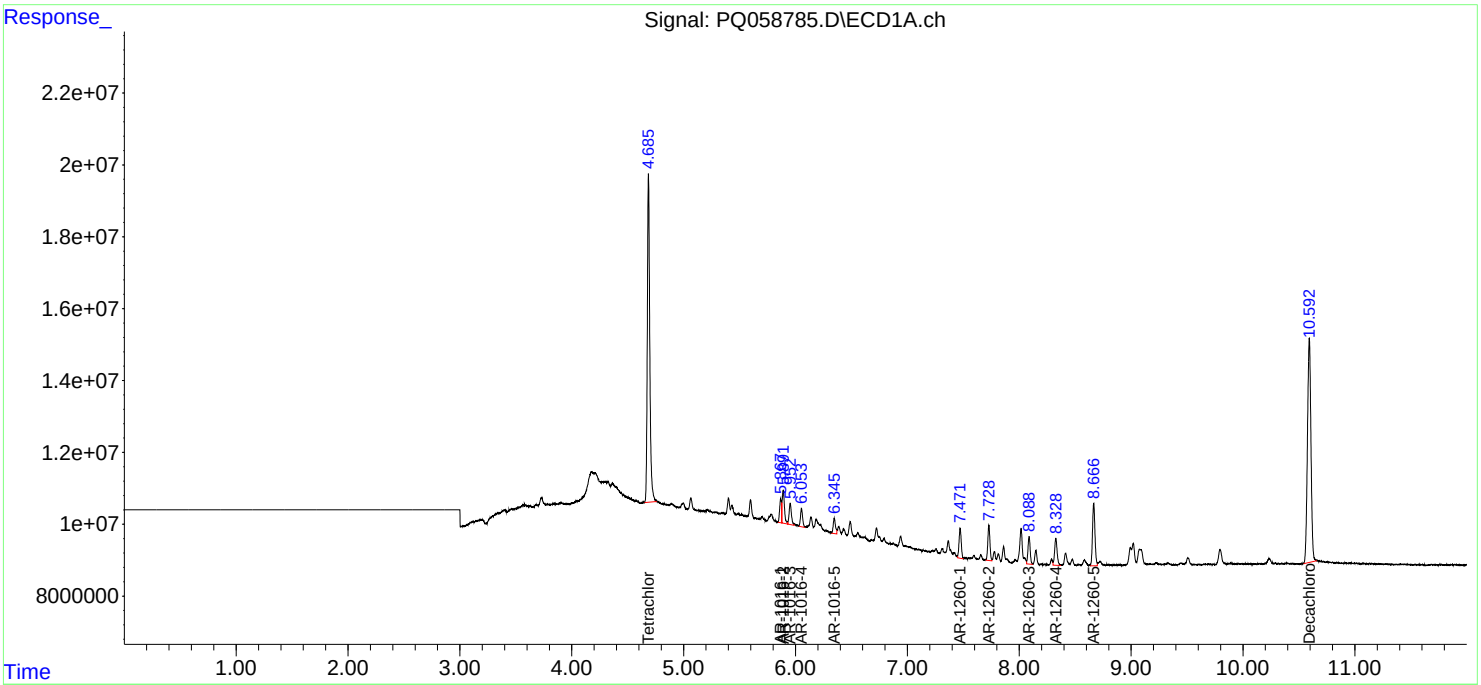
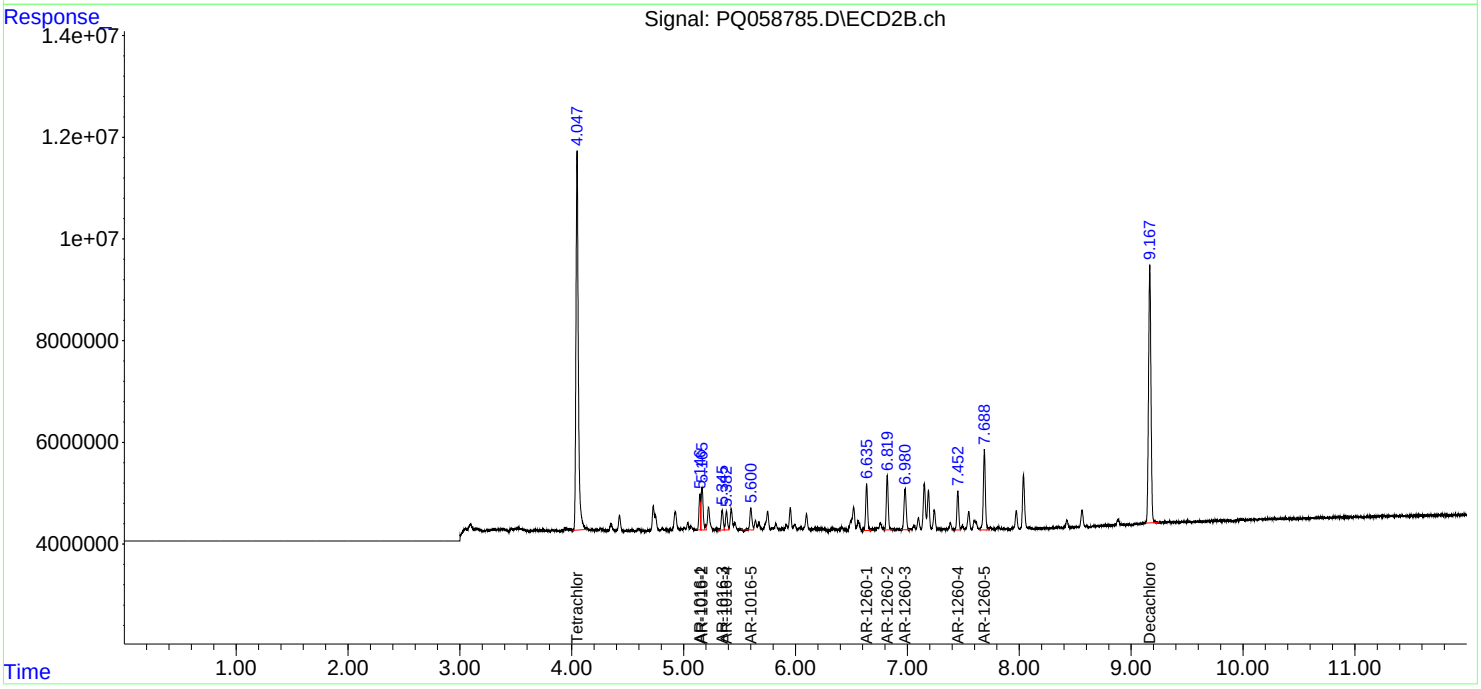
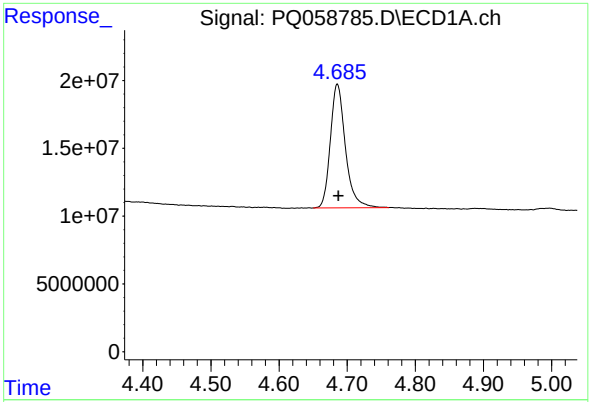
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



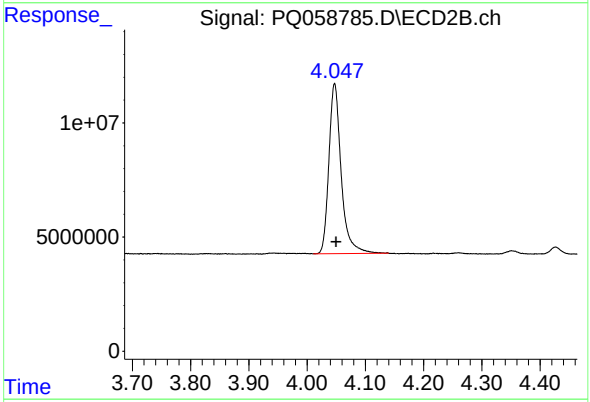






#1 Tetrachloro-m-xylene

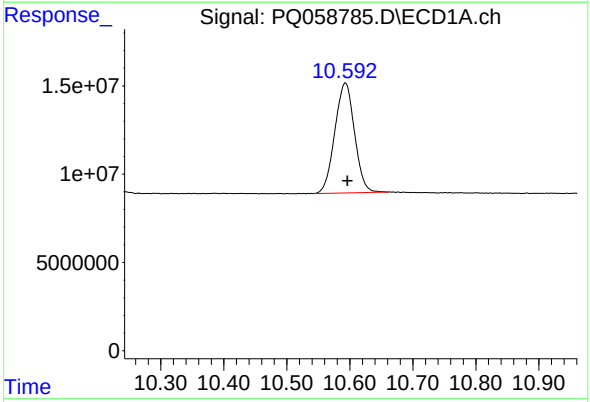
R.T.: 4.686 min
Delta R.T.: -0.001 min
Response: 140205902
Conc: 20.76 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022



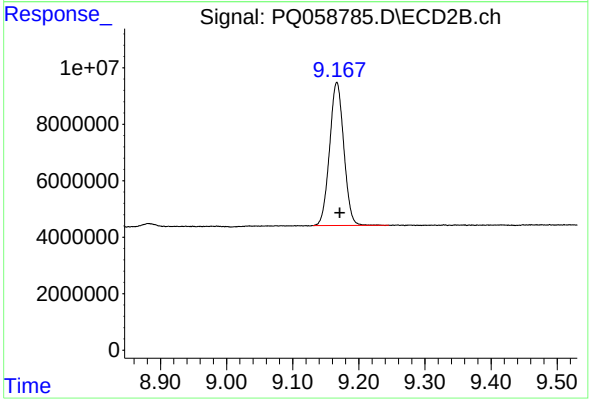

#1 Tetrachloro-m-xylene

R.T.: 4.047 min
Delta R.T.: -0.002 min
Response: 109454574
Conc: 19.96 ng/ml



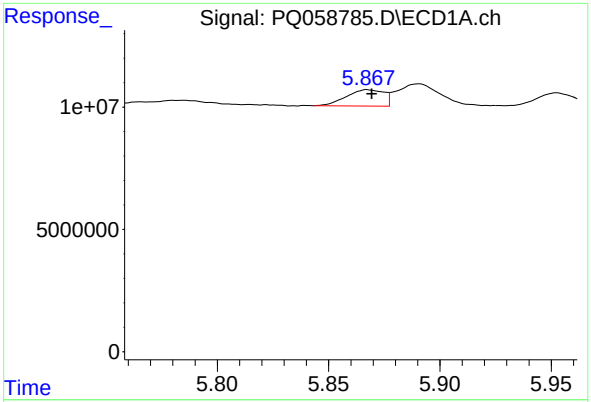

#2 Decachlorobiphenyl

R.T.: 10.593 min
Delta R.T.: -0.003 min
Response: 135311704
Conc: 19.26 ng/ml




#2 Decachlorobiphenyl

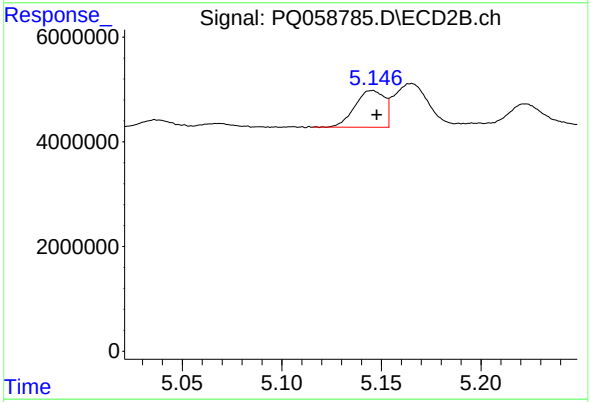
R.T.: 9.167 min
Delta R.T.: -0.004 min
Response: 75595029
Conc: 19.16 ng/ml




#3 AR-1016-1

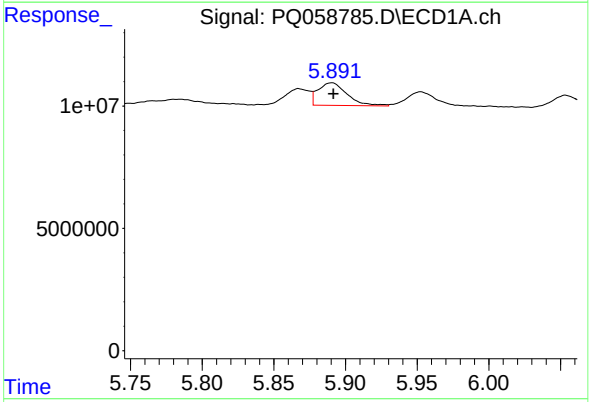
R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 7831149
Conc: 49.63 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022



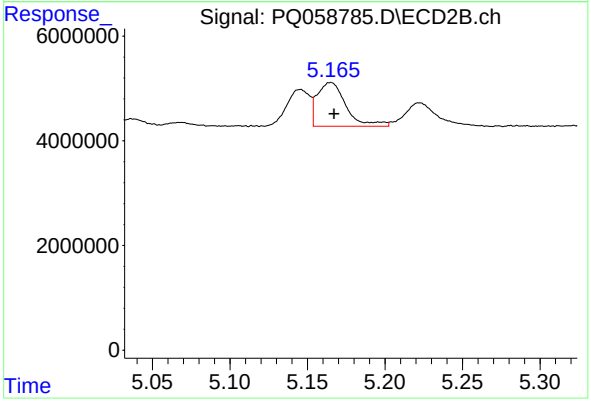

#3 AR-1016-1

R.T.: 5.145 min
Delta R.T.: -0.002 min
Response: 7253260
Conc: 45.60 ng/ml



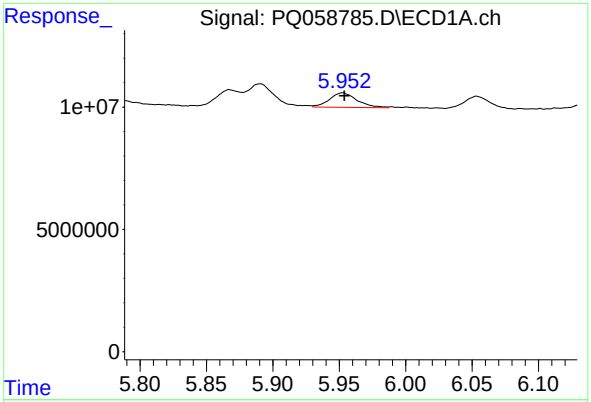

#4 AR-1016-2

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 13022532
Conc: 47.68 ng/ml




#4 AR-1016-2

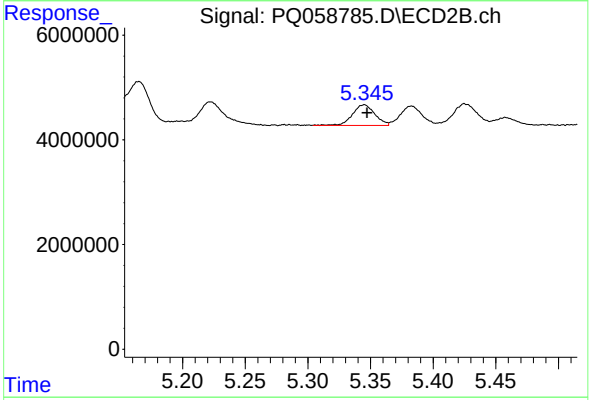
R.T.: 5.165 min
Delta R.T.: -0.002 min
Response: 10773577
Conc: 46.78 ng/ml




#5 AR-1016-3

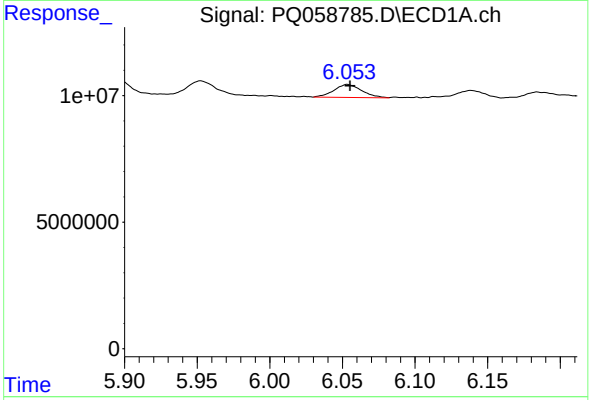
R.T.: 5.952 min
Delta R.T.: -0.001 min
Response: 8572316
Conc: 47.76 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022



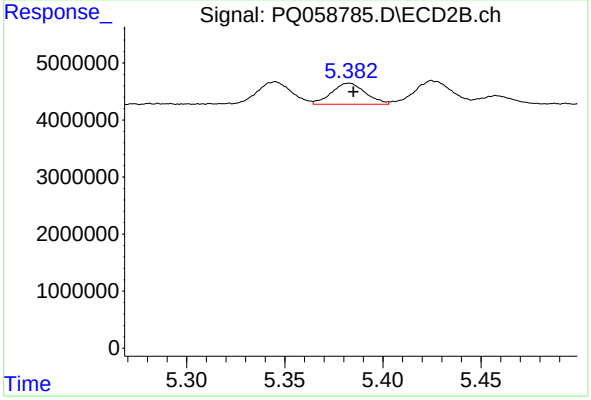

#5 AR-1016-3

R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 4921478
Conc: 42.87 ng/ml



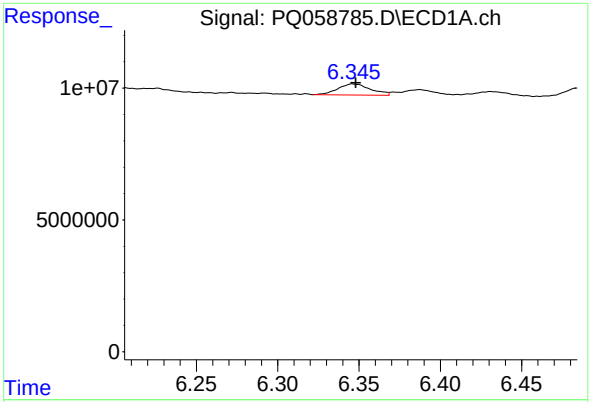

#6 AR-1016-4

R.T.: 6.053 min
Delta R.T.: -0.002 min
Response: 6773298
Conc: 45.34 ng/ml




#6 AR-1016-4

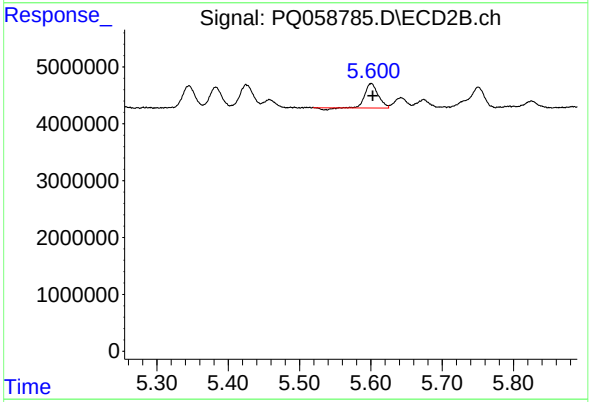
R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 4463175
Conc: 47.75 ng/ml




#7 AR-1016-5

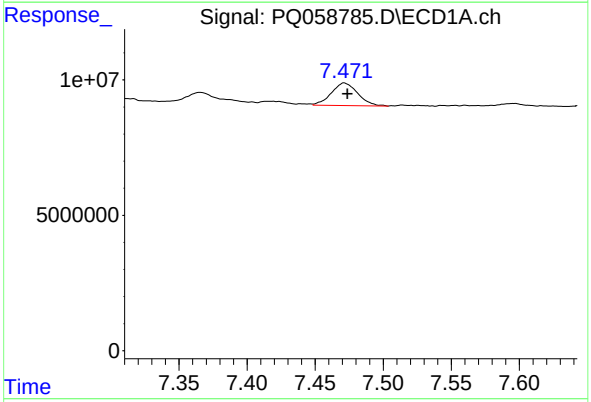
R.T.: 6.346 min
Delta R.T.: -0.002 min
Response: 5861859
Conc: 48.16 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022



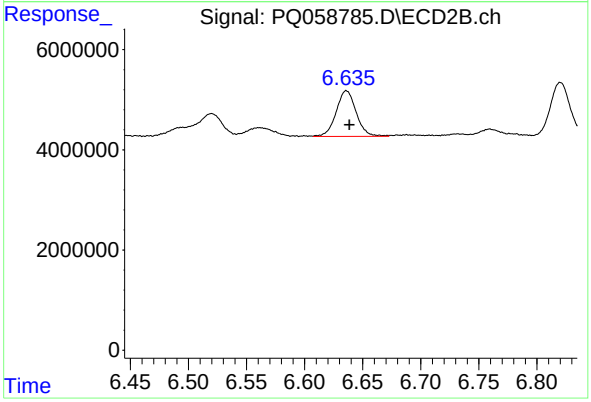

#7 AR-1016-5

R.T.: 5.601 min
Delta R.T.: -0.002 min
Response: 5368897
Conc: 43.18 ng/ml



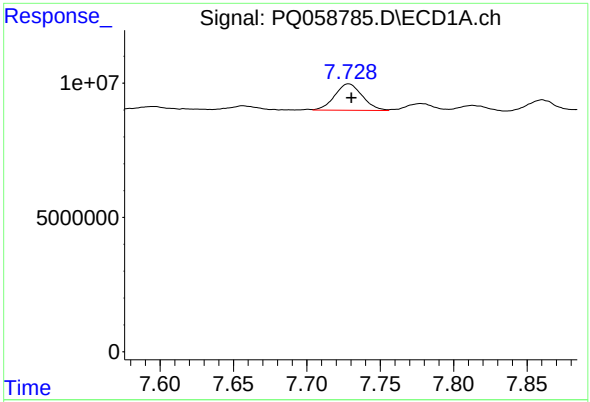

#31 AR-1260-1

R.T.: 7.471 min
Delta R.T.: -0.002 min
Response: 11260306
Conc: 53.28 ng/ml




#31 AR-1260-1

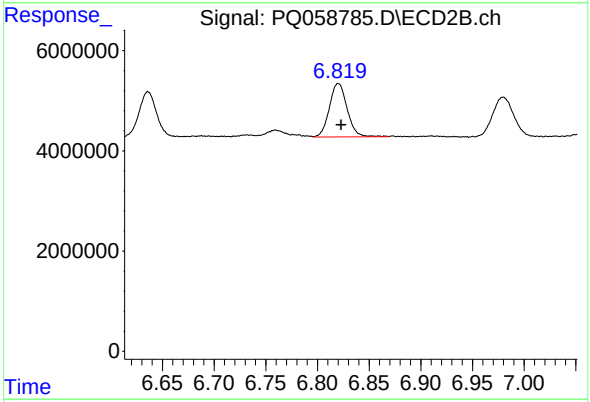
R.T.: 6.636 min
Delta R.T.: -0.002 min
Response: 10990794
Conc: 47.76 ng/ml




#32 AR-1260-2

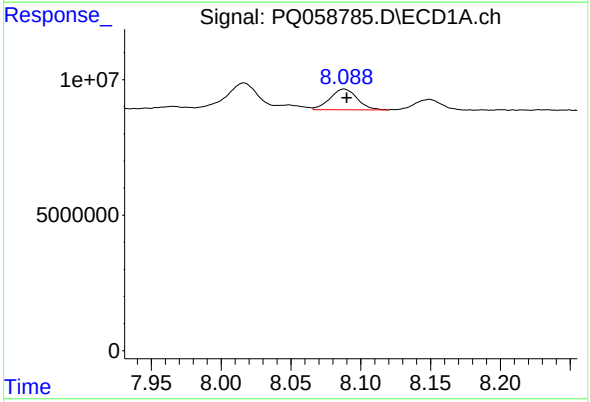
R.T.: 7.728 min
Delta R.T.: -0.002 min
Response: 12852668
Conc: 50.33 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022



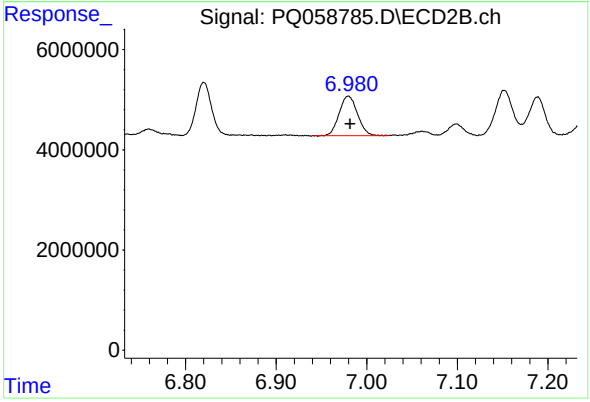

#32 AR-1260-2

R.T.: 6.820 min
Delta R.T.: -0.003 min
Response: 12763682
Conc: 46.75 ng/ml



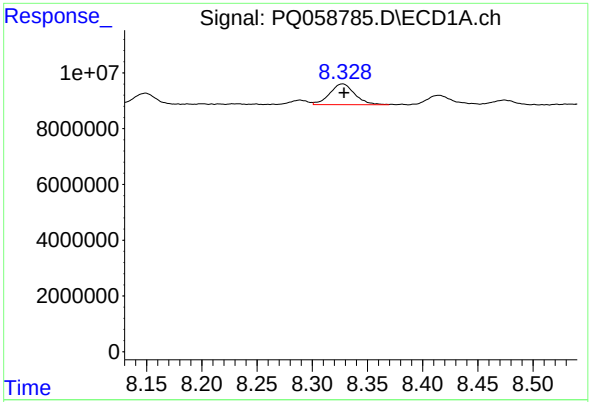

#33 AR-1260-3

R.T.: 8.088 min
Delta R.T.: -0.002 min
Response: 10312201
Conc: 47.33 ng/ml




#33 AR-1260-3

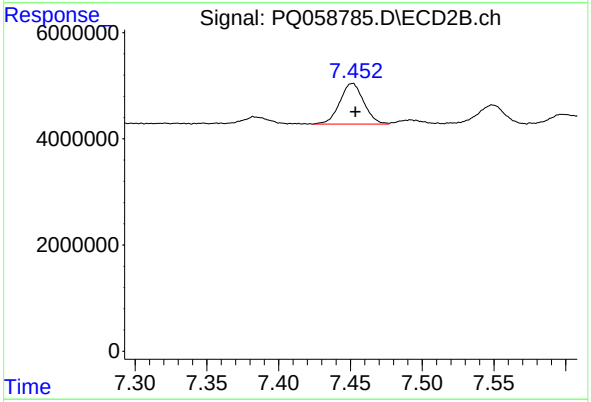
R.T.: 6.980 min
Delta R.T.: -0.002 min
Response: 11138529
Conc: 44.99 ng/ml




#34 AR-1260-4

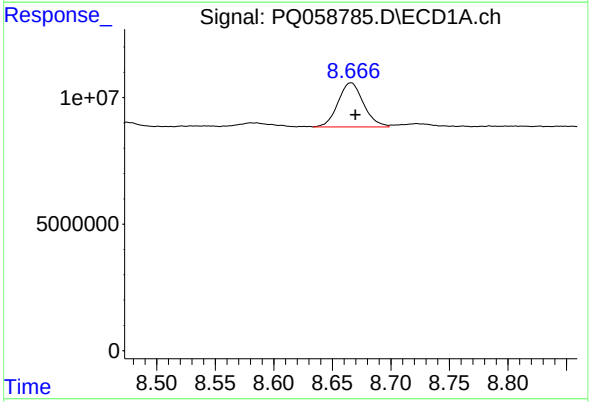
R.T.: 8.328 min
Delta R.T.: -0.001 min
Response: 11824721
Conc: 48.78 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2022



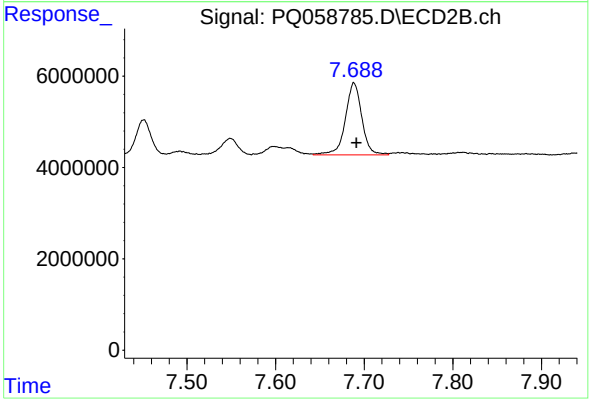

#34 AR-1260-4

R.T.: 7.451 min
Delta R.T.: -0.002 min
Response: 8923828
Conc: 44.26 ng/ml




#35 AR-1260-5

R.T.: 8.666 min
Delta R.T.: -0.004 min
Response: 26365685
Conc: 46.06 ng/ml




#35 AR-1260-5

R.T.: 7.689 min
Delta R.T.: -0.003 min
Response: 20364716
Conc: 43.16 ng/ml