Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080522\
Data File : PQ058827.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2022 03:50
Operator : YP\AJ
Sample : N3980-09
Misc : AR1660 MDL 25 PPB
ALS Vial : 64 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-WATER-03-QT3-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 07:57:19 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... | 4.684 | 4.047 | 117.5E6 | 90056896 | 17.387 | 16.421 |
| 2) | SA Decachlor... | 10.587 | 9.163 | 121.4E6 | 69134928 | 17.288 | 17.526 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.865 | 5.145 | 4288584 | 3386702 | 27.179 | 21.292 |
| 4) | L1 AR-1016-2 | 5.889 | 5.164 | 6604083 | 5397557 | 24.180 | 23.438 |
| 5) | L1 AR-1016-3 | 5.949 | 5.344 | 4818472 | 2526222 | 26.843 | 22.006 |
| 6) | L1 AR-1016-4 | 6.052 | 5.382 | 3649986 | 2402485 | 24.432 | 25.706 |
| 7) | L1 AR-1016-5 | 6.346 | 5.600 | 3006668 | 3221647 | 24.704 | 25.909 |
| 31) | L7 AR-1260-1 | 7.468 | 6.635 | 5387879 | 5659267 | 25.495 | 24.595 |
| 32) | L7 AR-1260-2 | 7.726 | 6.819 | 7075551 | 6673342 | 27.705 | 24.441 |
| 33) | L7 AR-1260-3 | 8.084 | 6.978 | 5162841 | 5782554 | 23.694 | 23.356 |
| 34) | L7 AR-1260-4 | 8.323 | 7.450 | 6230401 | 4628837 | 25.704 | 22.959 |
| 35) | L7 AR-1260-5 | 8.663 | 7.687 | 13513261 | 10271897 | 23.609 | 21.768 |

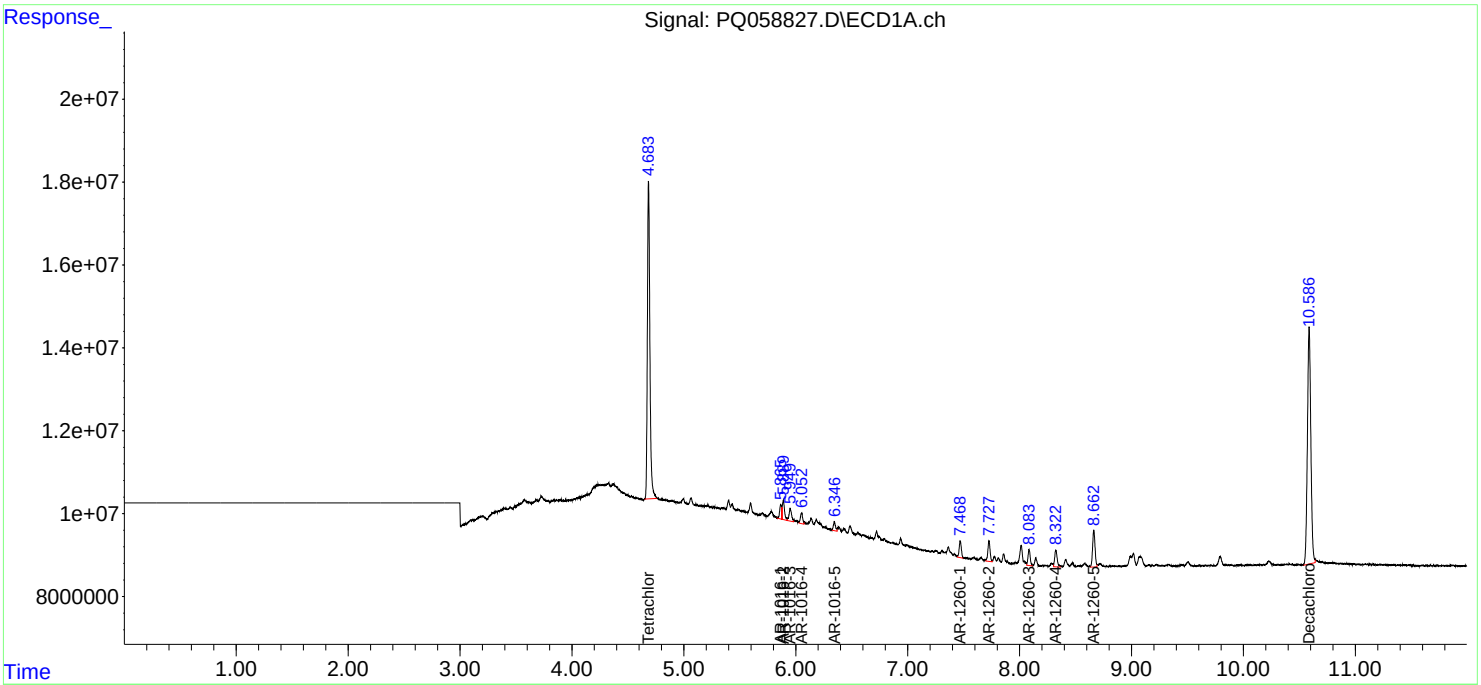
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

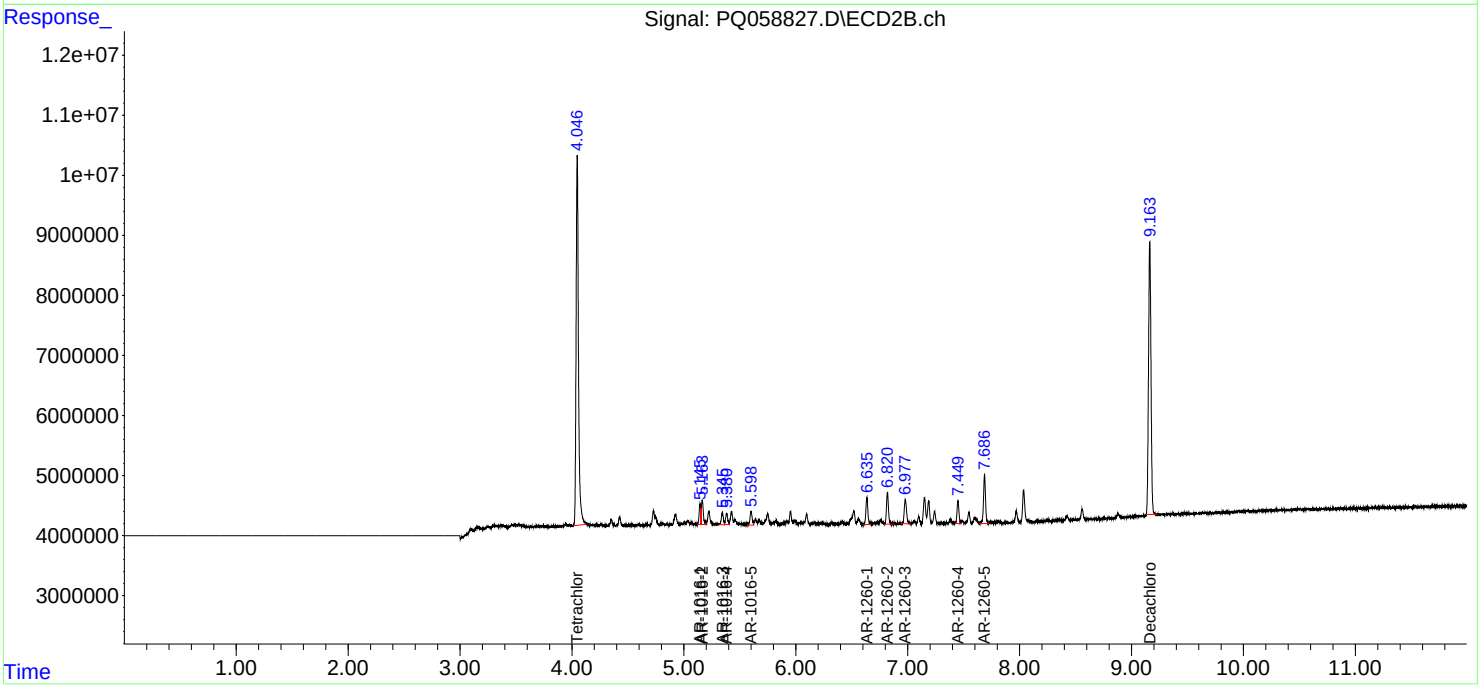
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080522\
Data File : PQ058827.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2022 03:50
Operator : YP\AJ
Sample : N3980-09
Misc : AR1660 MDL 25 PPB
ALS Vial : 64 Sample Multiplier: 1

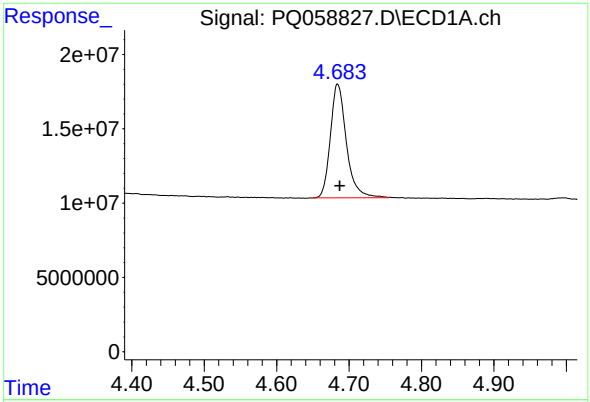
**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-WATER-03-QT3-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 07:57:19 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



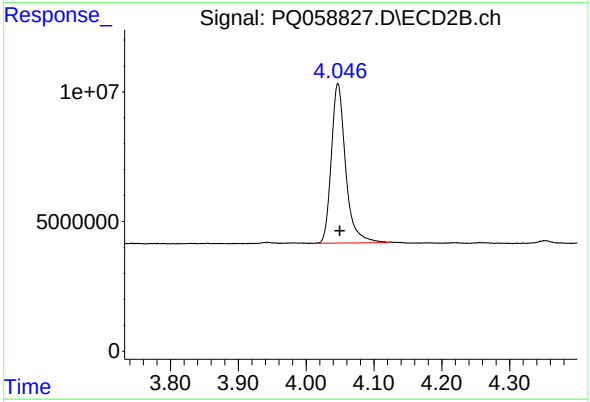






#1 Tetrachloro-m-xylene

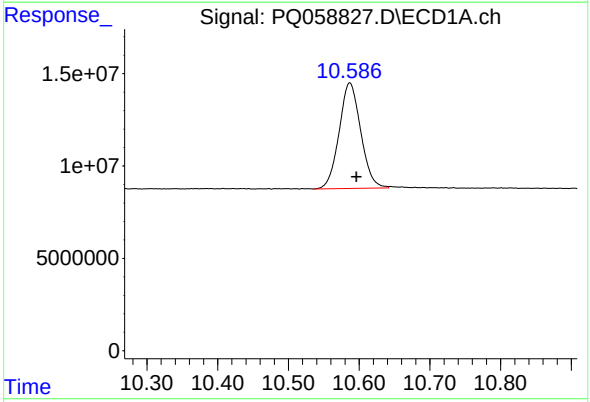
R.T.: 4.684 min
Delta R.T.: -0.003 min
Response: 117450878
Conc: 17.39 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-WATER-03-QT3-2022



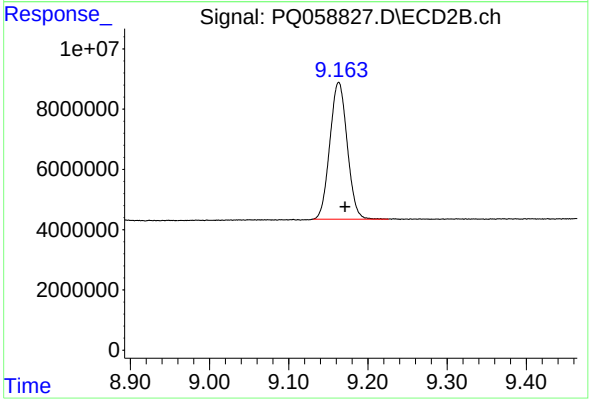

#1 Tetrachloro-m-xylene

R.T.: 4.047 min
Delta R.T.: -0.003 min
Response: 90056896
Conc: 16.42 ng/ml



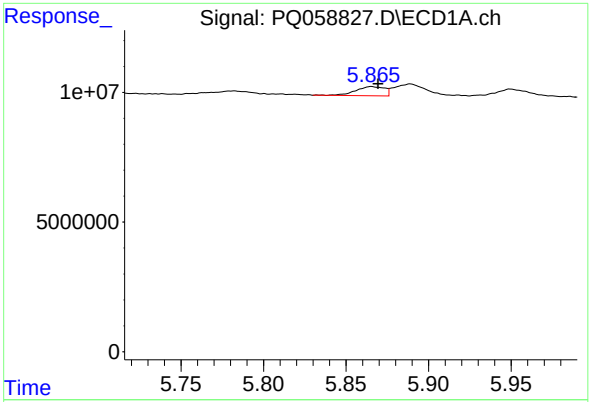

#2 Decachlorobiphenyl

R.T.: 10.587 min
Delta R.T.: -0.009 min
Response: 121437732
Conc: 17.29 ng/ml




#2 Decachlorobiphenyl

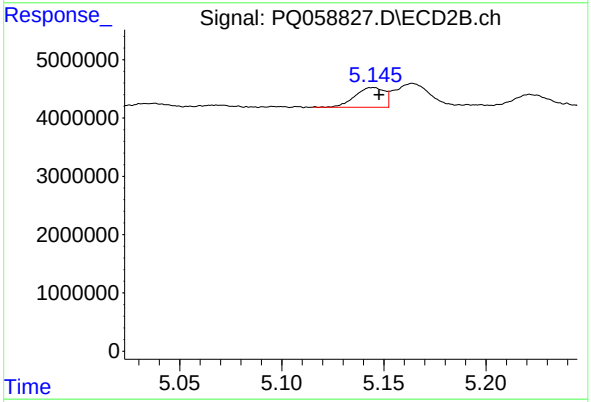
R.T.: 9.163 min
Delta R.T.: -0.008 min
Response: 69134928
Conc: 17.53 ng/ml




#3 AR-1016-1

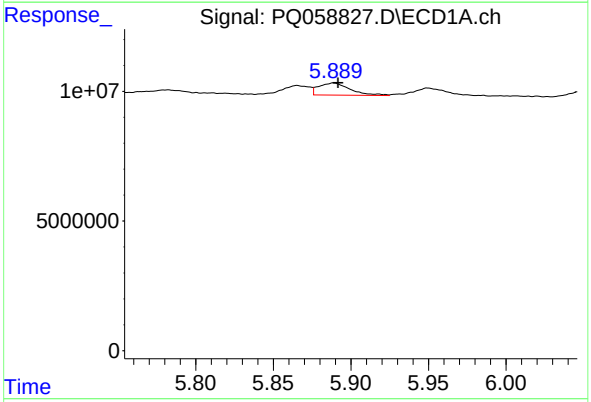
R.T.: 5.865 min
Delta R.T.: -0.004 min
Response: 4288584
Conc: 27.18 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-WATER-03-QT3-2022



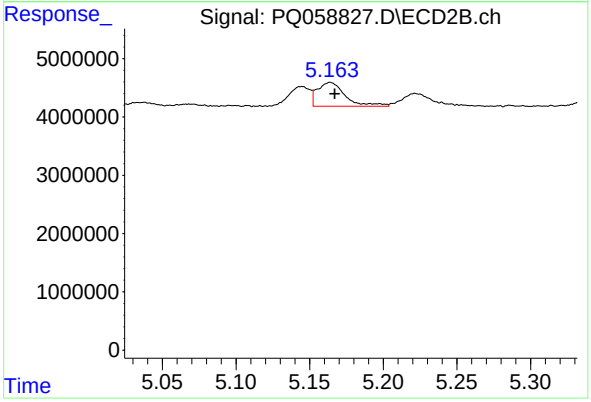

#3 AR-1016-1

R.T.: 5.145 min
Delta R.T.: -0.003 min
Response: 3386702
Conc: 21.29 ng/ml



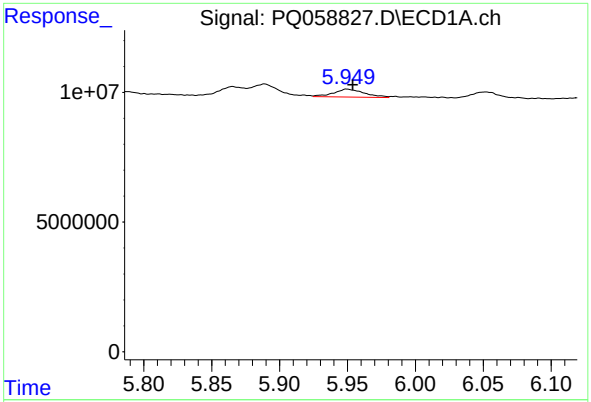

#4 AR-1016-2

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 6604083
Conc: 24.18 ng/ml




#4 AR-1016-2

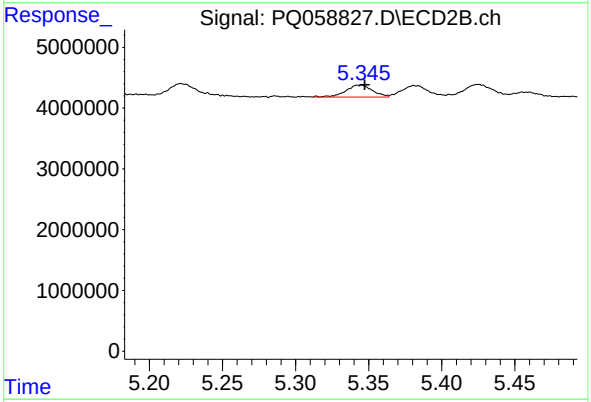
R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 5397557
Conc: 23.44 ng/ml




#5 AR-1016-3

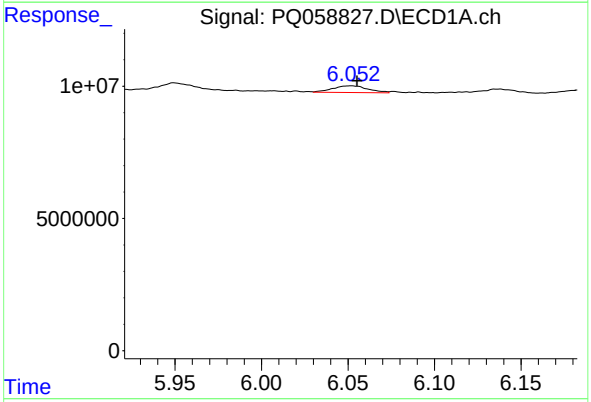
R.T.: 5.949 min
Delta R.T.: -0.004 min
Response: 4818472
Conc: 26.84 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-WATER-03-QT3-2022



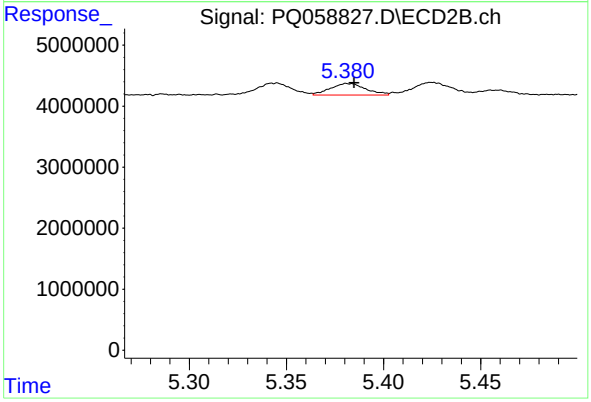

#5 AR-1016-3

R.T.: 5.344 min
Delta R.T.: -0.003 min
Response: 2526222
Conc: 22.01 ng/ml



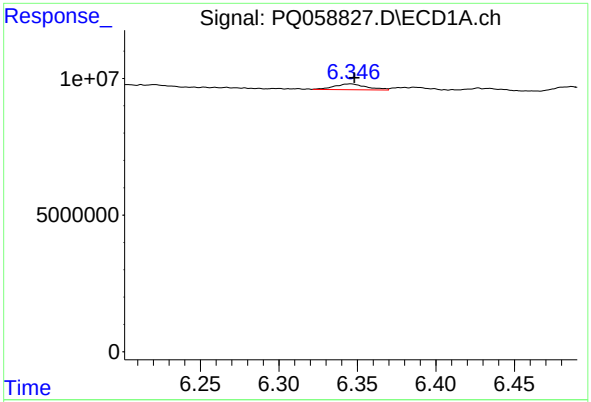

#6 AR-1016-4

R.T.: 6.052 min
Delta R.T.: -0.003 min
Response: 3649986
Conc: 24.43 ng/ml




#6 AR-1016-4

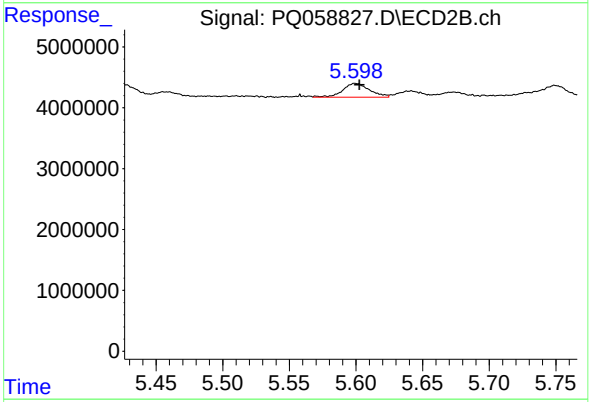
R.T.: 5.382 min
Delta R.T.: -0.003 min
Response: 2402485
Conc: 25.71 ng/ml




#7 AR-1016-5

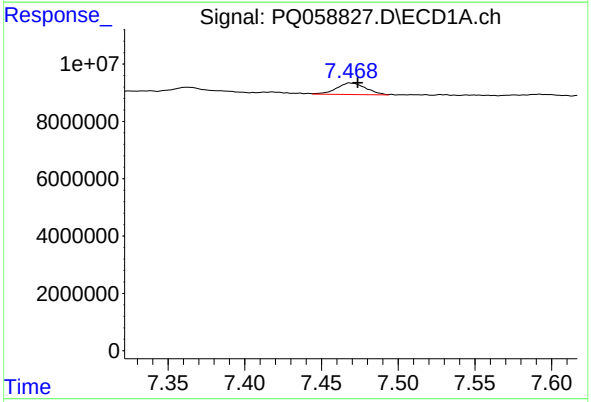
R.T.: 6.346 min
Delta R.T.: -0.002 min
Response: 3006668
Conc: 24.70 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-WATER-03-QT3-2022



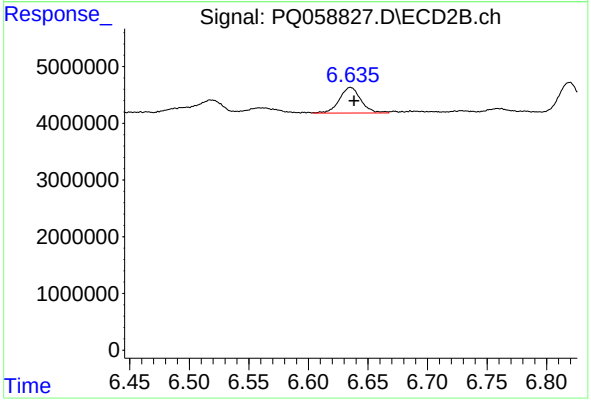

#7 AR-1016-5

R.T.: 5.600 min
Delta R.T.: -0.003 min
Response: 3221647
Conc: 25.91 ng/ml



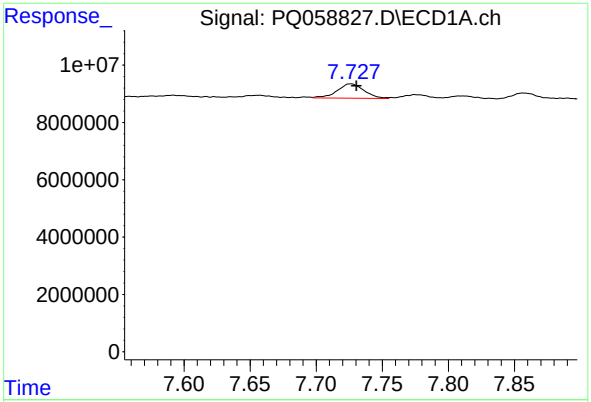

#31 AR-1260-1

R.T.: 7.468 min
Delta R.T.: -0.005 min
Response: 5387879
Conc: 25.49 ng/ml




#31 AR-1260-1

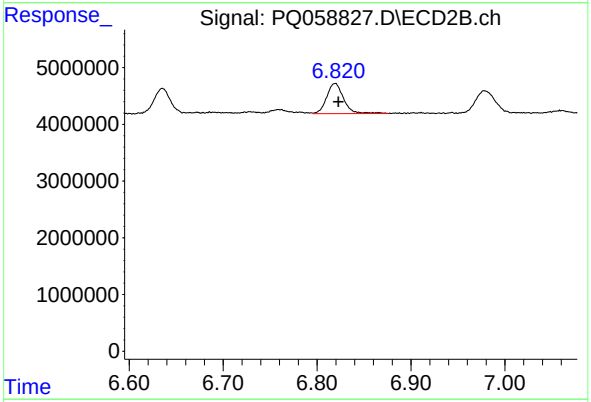
R.T.: 6.635 min
Delta R.T.: -0.003 min
Response: 5659267
Conc: 24.59 ng/ml




#32 AR-1260-2

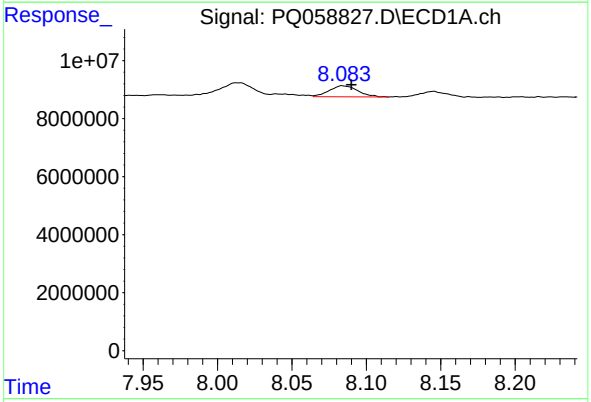
R.T.: 7.726 min
Delta R.T.: -0.004 min
Response: 7075551
Conc: 27.71 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-WATER-03-QT3-2022



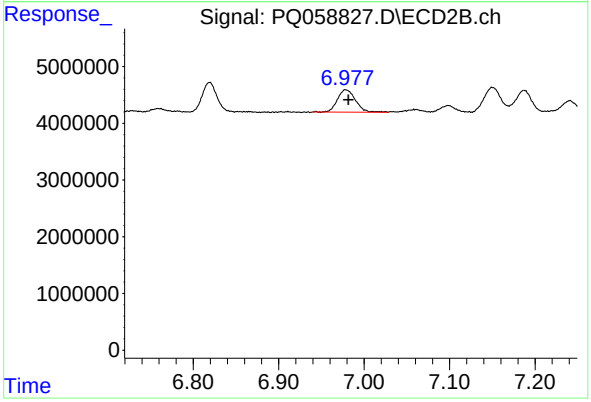

#32 AR-1260-2

R.T.: 6.819 min
Delta R.T.: -0.004 min
Response: 6673342
Conc: 24.44 ng/ml



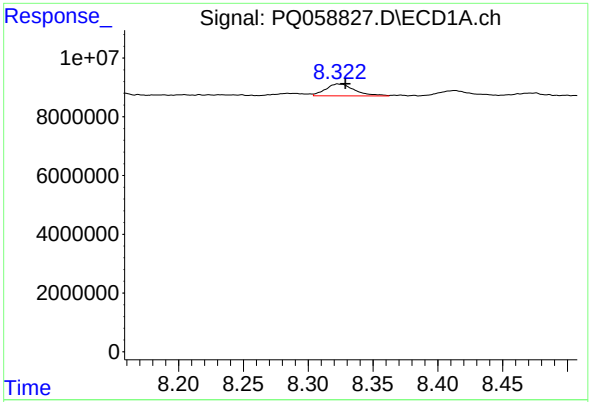

#33 AR-1260-3

R.T.: 8.084 min
Delta R.T.: -0.006 min
Response: 5162841
Conc: 23.69 ng/ml




#33 AR-1260-3

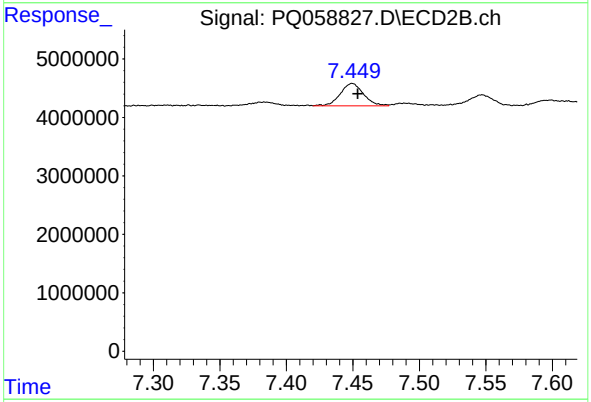
R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 5782554
Conc: 23.36 ng/ml




#34 AR-1260-4

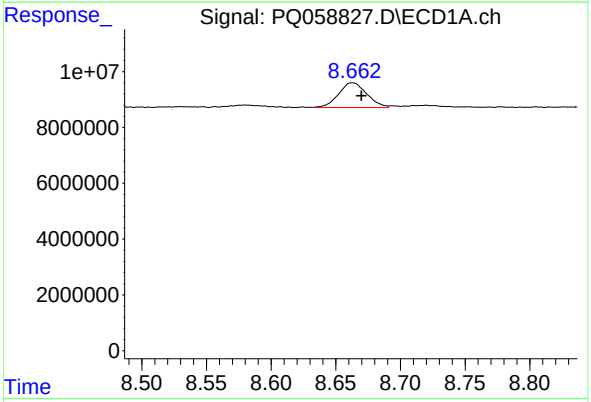
R.T.: 8.323 min
Delta R.T.: -0.006 min
Response: 6230401
Conc: 25.70 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
MDL-WATER-03-QT3-2022



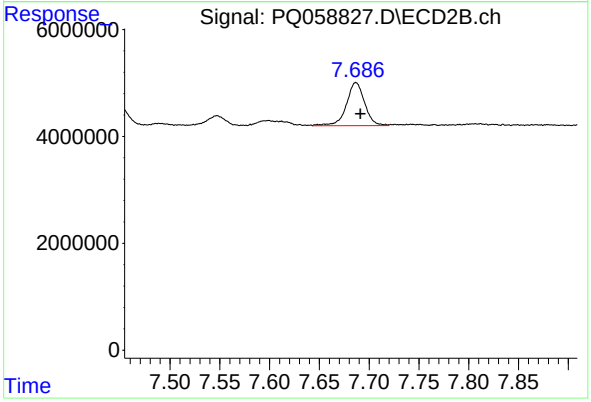

#34 AR-1260-4

R.T.: 7.450 min
Delta R.T.: -0.004 min
Response: 4628837
Conc: 22.96 ng/ml




#35 AR-1260-5

R.T.: 8.663 min
Delta R.T.: -0.007 min
Response: 13513261
Conc: 23.61 ng/ml




#35 AR-1260-5

R.T.: 7.687 min
Delta R.T.: -0.004 min
Response: 10271897
Conc: 21.77 ng/ml