Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062525\
Data File : PQ070402.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2025 15:40
Operator : YP\AJ
Sample : Q2126-07
Misc : AR1660 LOD 25 PPB
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 07:29:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ062425.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 25 02:08:47 2025
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... | 3.404 | 2.782 | 116.6E6 | 129.7E6 | 19.041 | 19.205 |
| 2) | SA Decachlor... | 8.505 | 7.546 | 91584013 | 155.8E6 | 22.248 | 21.493 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 4.485 | 3.784 | 4453225 | 4996588 | 23.725 | 24.059 |
| 4) | L1 AR-1016-2 | 4.504 | 3.799 | 7502048 | 7852356 | 24.226 | 23.216 |
| 5) | L1 AR-1016-3 | 4.562 | 3.960 | 4576877 | 4406382 | 22.748 | 23.482 |
| 6) | L1 AR-1016-4 | 4.651 | 4.009 | 3562105 | 4211868 | 22.504 | 24.009 |
| 7) | L1 AR-1016-5 | 4.936 | 4.204 | 3994993 | 4327725 | 24.564 | 21.442 |
| 31) | L7 AR-1260-1 | 6.025 | 5.196 | 6917637 | 9418606 | 23.940 | 24.656 |
| 32) | L7 AR-1260-2 | 6.281 | 5.386 | 7910467 | 11881089 | 24.814 | 27.119 |
| 33) | L7 AR-1260-3 | 6.632 | 5.528 | 5443577 | 10235329 | 20.963 | 23.723 |
| 34) | L7 AR-1260-4 | 6.846 | 5.987 | 6098613 | 9514961 | 22.383 | 25.928 |
| 35) | L7 AR-1260-5 | 7.151 | 6.231 | 11948508 | 19118398 | 23.983 | 23.002 |

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

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LOD-MDL-WATER-01-QT2-2025

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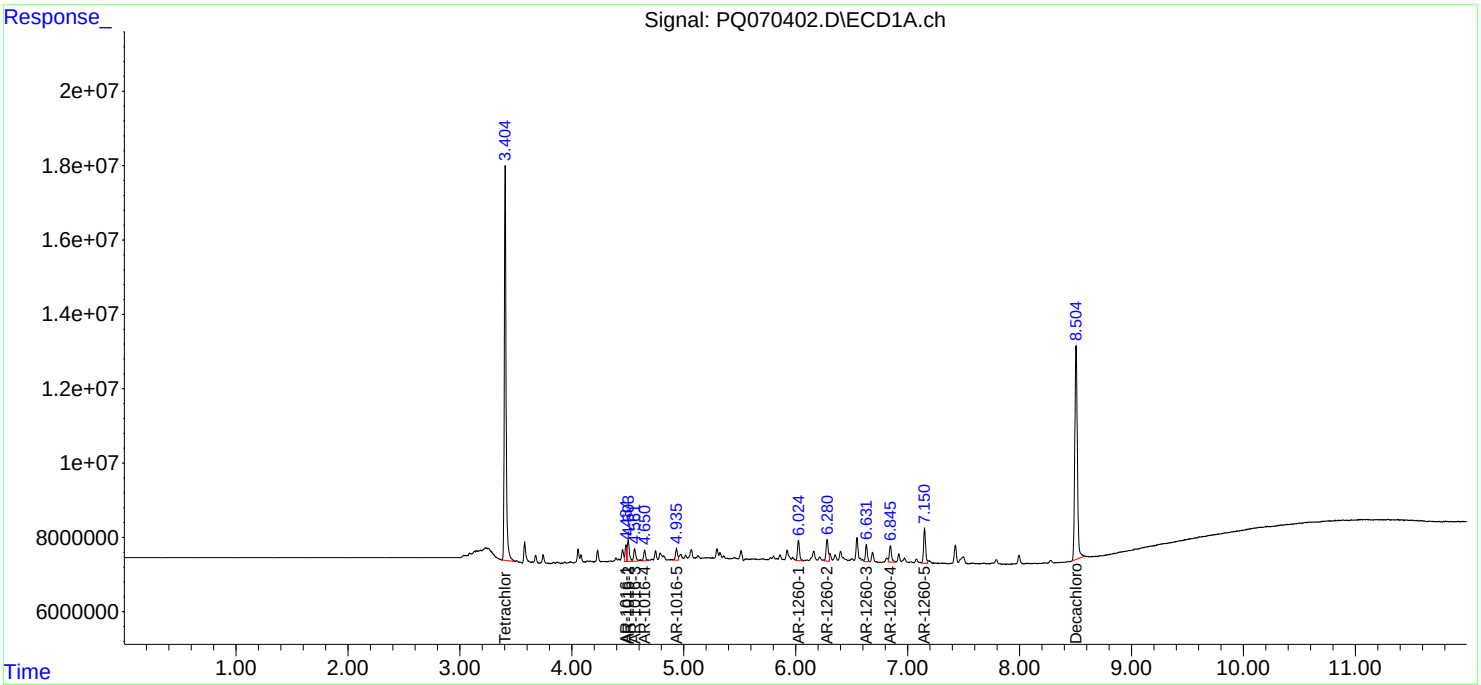
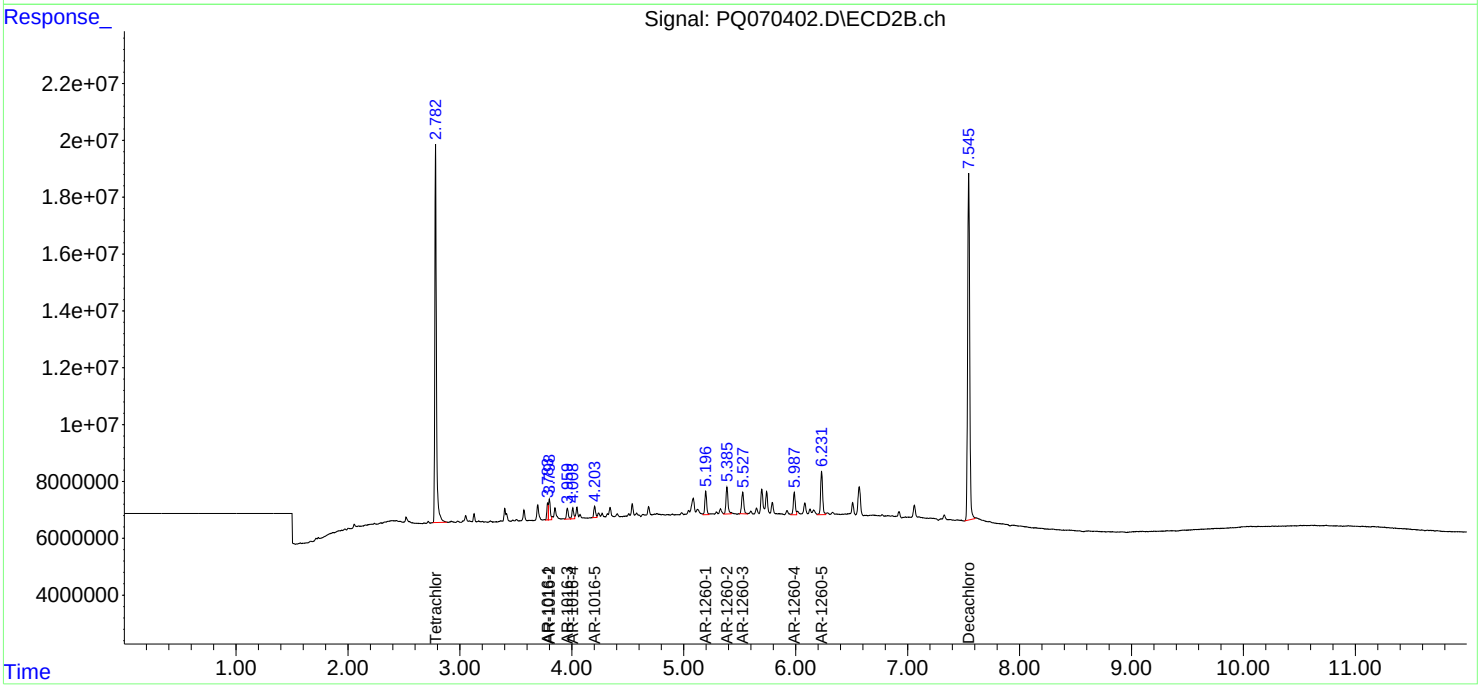
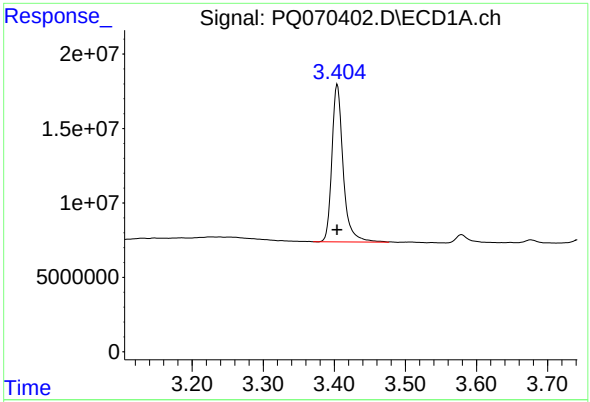


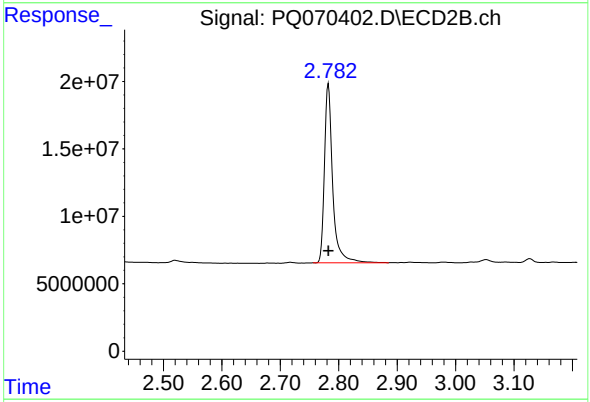






#1 Tetrachloro-m-xylene

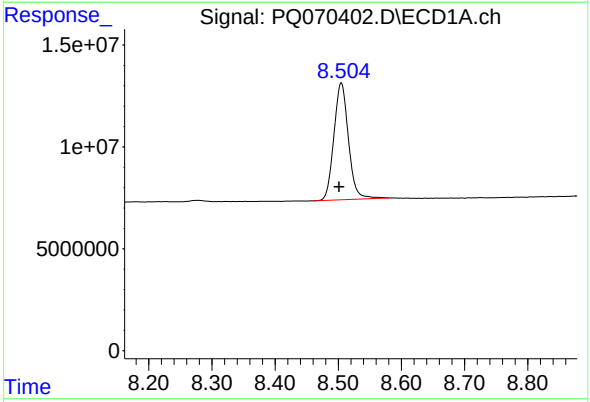
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 116563003
Conc: 19.04 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2025



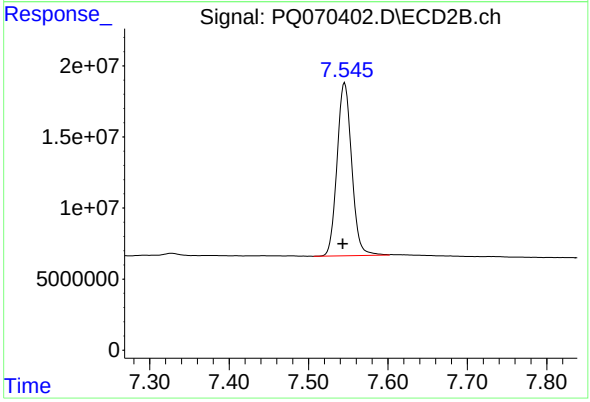

#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 129695752
Conc: 19.21 ng/ml



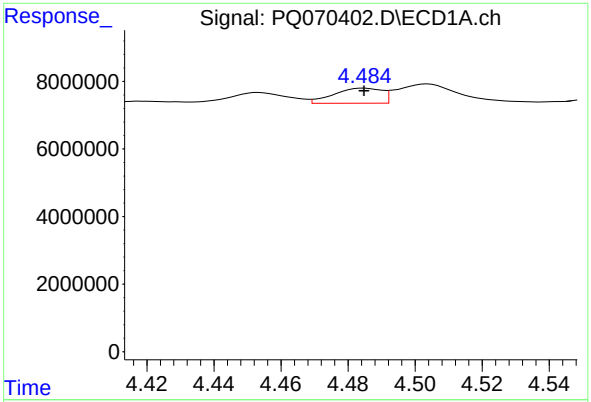

#2 Decachlorobiphenyl

R.T.: 8.505 min
Delta R.T.: 0.004 min
Response: 91584013
Conc: 22.25 ng/ml




#2 Decachlorobiphenyl

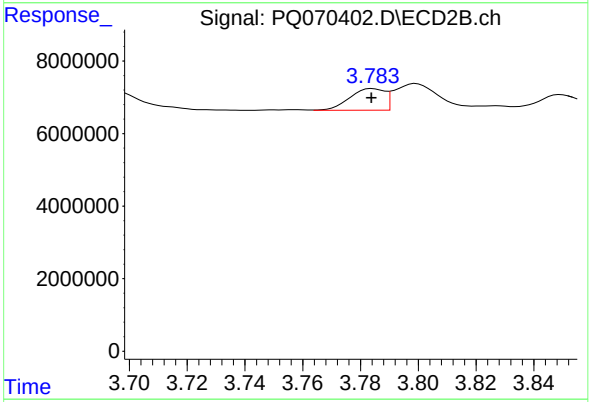
R.T.: 7.546 min
Delta R.T.: 0.002 min
Response: 155813720
Conc: 21.49 ng/ml




#3 AR-1016-1

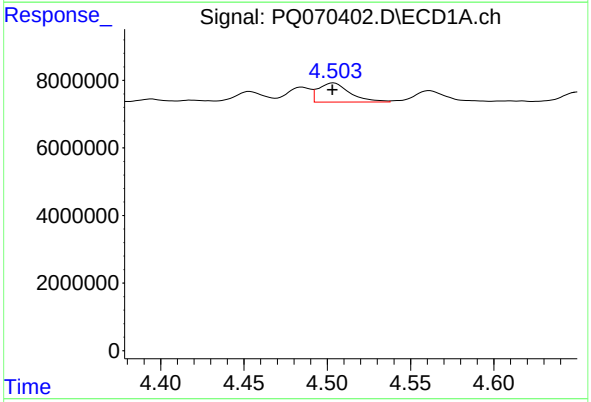
R.T.: 4.485 min
Delta R.T.: 0.000 min
Response: 4453225
Conc: 23.73 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2025



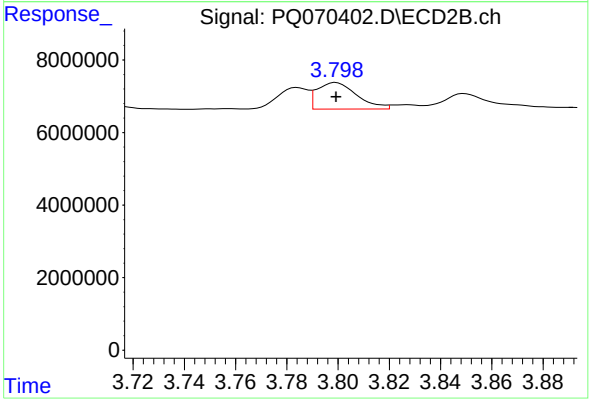

#3 AR-1016-1

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 4996588
Conc: 24.06 ng/ml



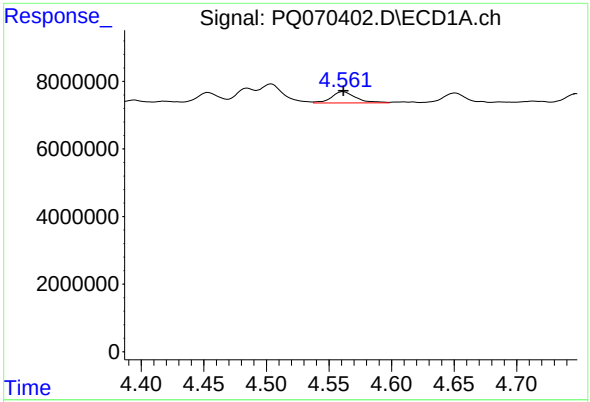

#4 AR-1016-2

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 7502048
Conc: 24.23 ng/ml




#4 AR-1016-2

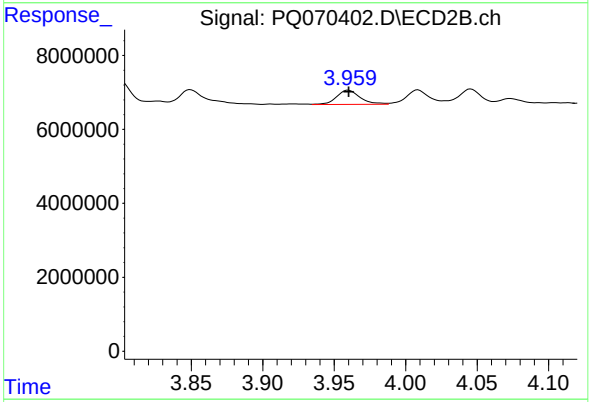
R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 7852356
Conc: 23.22 ng/ml




#5 AR-1016-3

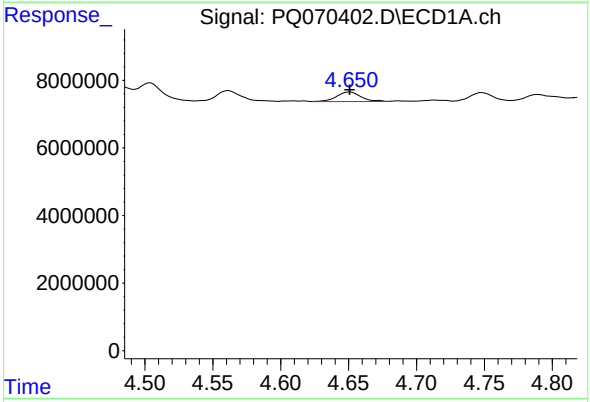
R.T.: 4.562 min
Delta R.T.: 0.000 min
Response: 4576877
Conc: 22.75 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2025



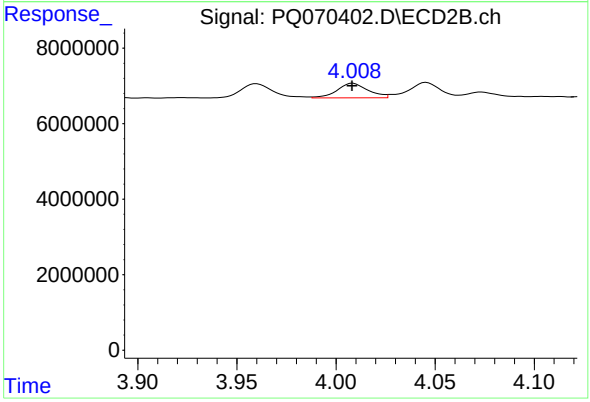

#5 AR-1016-3

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 4406382
Conc: 23.48 ng/ml



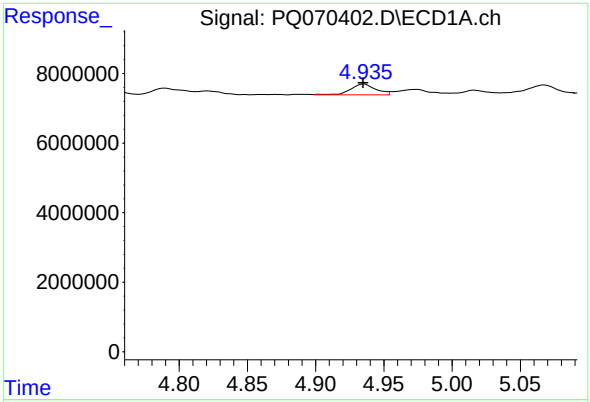

#6 AR-1016-4

R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 3562105
Conc: 22.50 ng/ml




#6 AR-1016-4

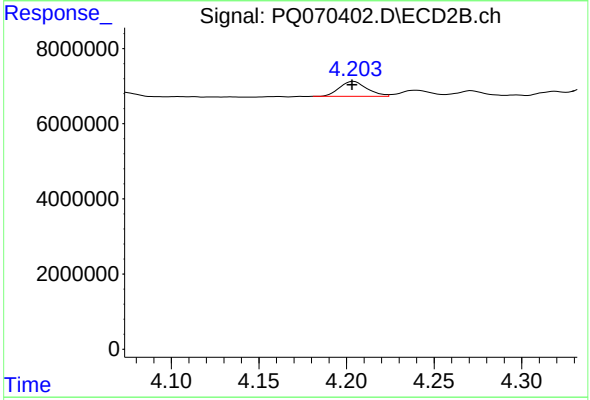
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 4211868
Conc: 24.01 ng/ml




#7 AR-1016-5

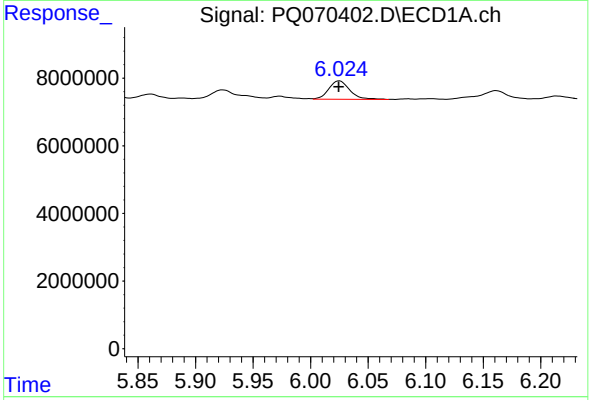
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 3994993
Conc: 24.56 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2025



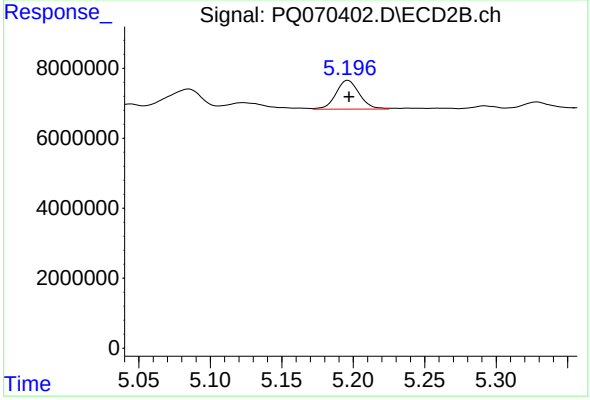

#7 AR-1016-5

R.T.: 4.204 min
Delta R.T.: 0.001 min
Response: 4327725
Conc: 21.44 ng/ml



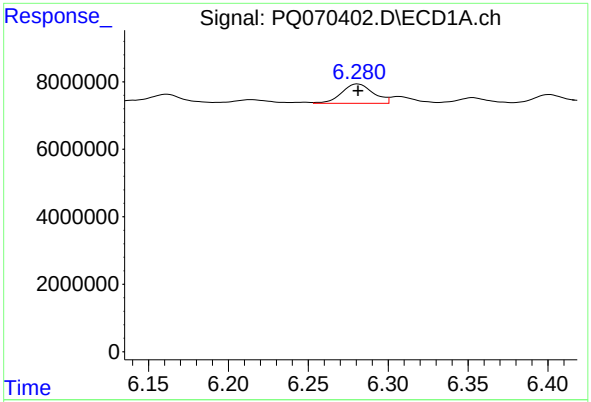

#31 AR-1260-1

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 6917637
Conc: 23.94 ng/ml




#31 AR-1260-1

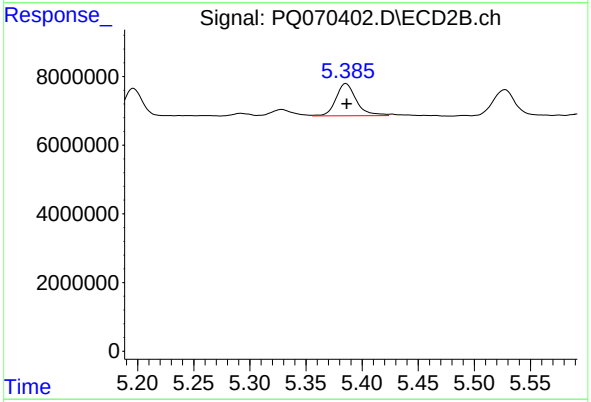
R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 9418606
Conc: 24.66 ng/ml




#32 AR-1260-2

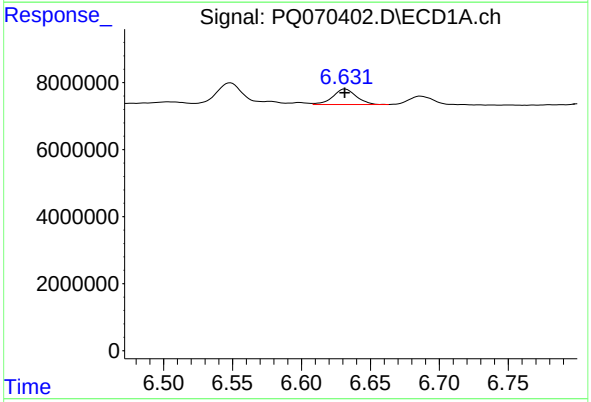
R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 7910467
Conc: 24.81 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2025



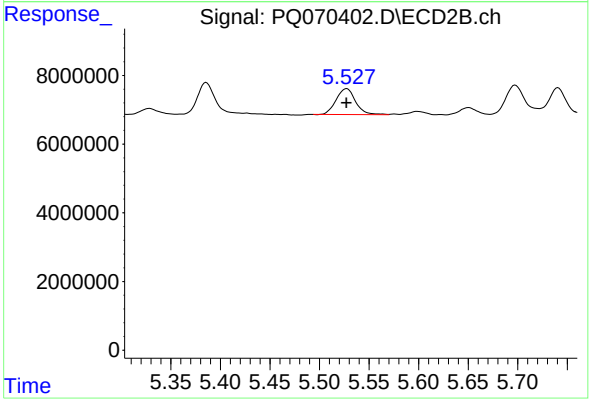

#32 AR-1260-2

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 11881089
Conc: 27.12 ng/ml



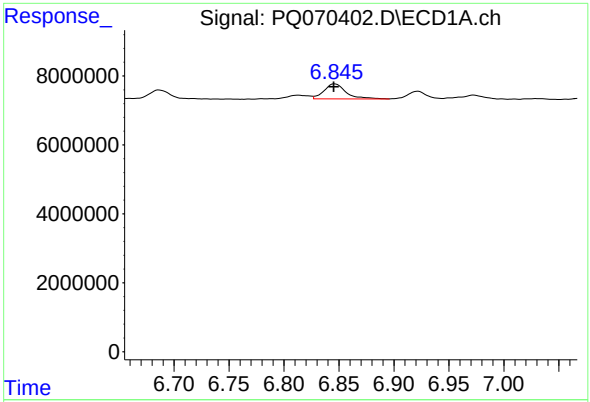

#33 AR-1260-3

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 5443577
Conc: 20.96 ng/ml




#33 AR-1260-3

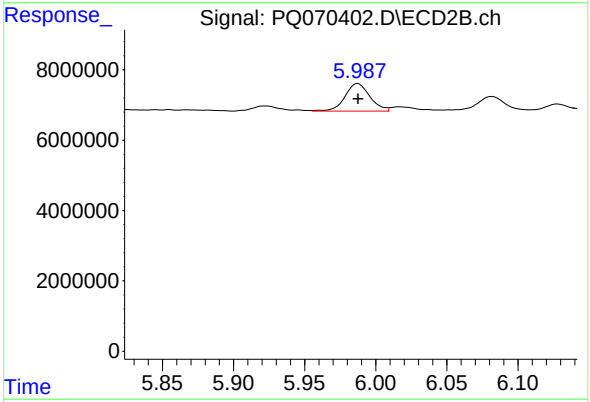
R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 10235329
Conc: 23.72 ng/ml




#34 AR-1260-4

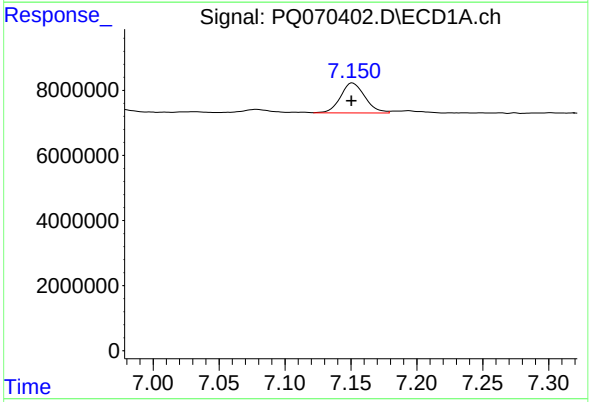
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 6098613
Conc: 22.38 ng/ml

**Instrument :**
ECD_Q
**ClientSampleId :**
LOD-MDL-WATER-01-QT2-2025



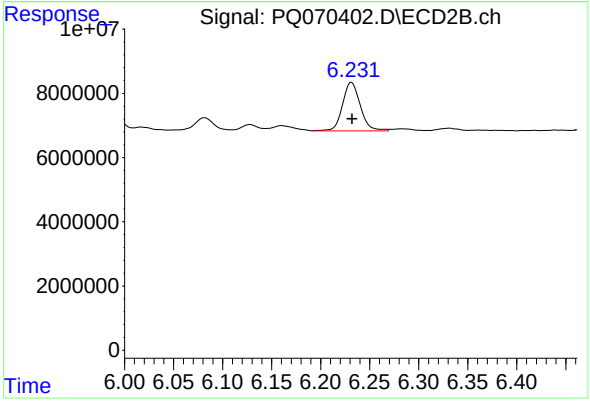

#34 AR-1260-4

R.T.: 5.987 min
Delta R.T.: 0.000 min
Response: 9514961
Conc: 25.93 ng/ml




#35 AR-1260-5

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 11948508
Conc: 23.98 ng/ml




#35 AR-1260-5

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 19118398
Conc: 23.00 ng/ml