Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP040723\
Data File : PP056787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2023 09:50
Operator : YP\AJ
Sample : 02213-09
Misc : AR1660 MDL 25 PPB
ALS Vial : 72 Sample Multiplier: 1

**Instrument :**
ECD_P
**ClientSampleId :**
MDL-WATER-03-QT2-2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 13:35:56 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 07 04:14:17 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... | 4.433 | 3.660 | 39367331 | 31468891 | 18.323 | 18.094 |
| 2) | SA Decachlor... | 10.264 | 8.742 | 27124298 | 32610277 | 20.723 | 20.741 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.607 | 4.761 | 1659117 | 1373636 | 27.022 | 25.791 |
| 4) | L1 AR-1016-2 | 5.630 | 4.779 | 2340837 | 1759146 | 26.250 | 23.723 |
| 5) | L1 AR-1016-3 | 5.692 | 4.958 | 1564282 | 955543 | 27.592 | 23.744 |
| 6) | L1 AR-1016-4 | 5.791 | 5.000 | 1191264 | 921890 | 26.603 | 25.442 |
| 7) | L1 AR-1016-5 | 6.089 | 5.217 | 1483792 | 1284751 | 31.646 | 27.358 |
| 31) | L7 AR-1260-1 | 7.222 | 6.261 | 2385808 | 2842599 | 29.309 | 29.721 |
| 32) | L7 AR-1260-2 | 7.480 | 6.450 | 2309268 | 2785500 | 27.067 | 26.971 |
| 33) | L7 AR-1260-3 | 7.841 | 6.606 | 1896916 | 2655656 | 27.163 | 25.608 |
| 34) | L7 AR-1260-4 | 8.067 | 7.082 | 2142685 | 2189284 | 28.083 | 25.633 |
| 35) | L7 AR-1260-5 | 8.395 | 7.323 | 3326711 | 3848276 | 26.283 | 24.316 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP040723\
Data File : PP056787.D
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**Instrument :**
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MDL-WATER-03-QT2-2023

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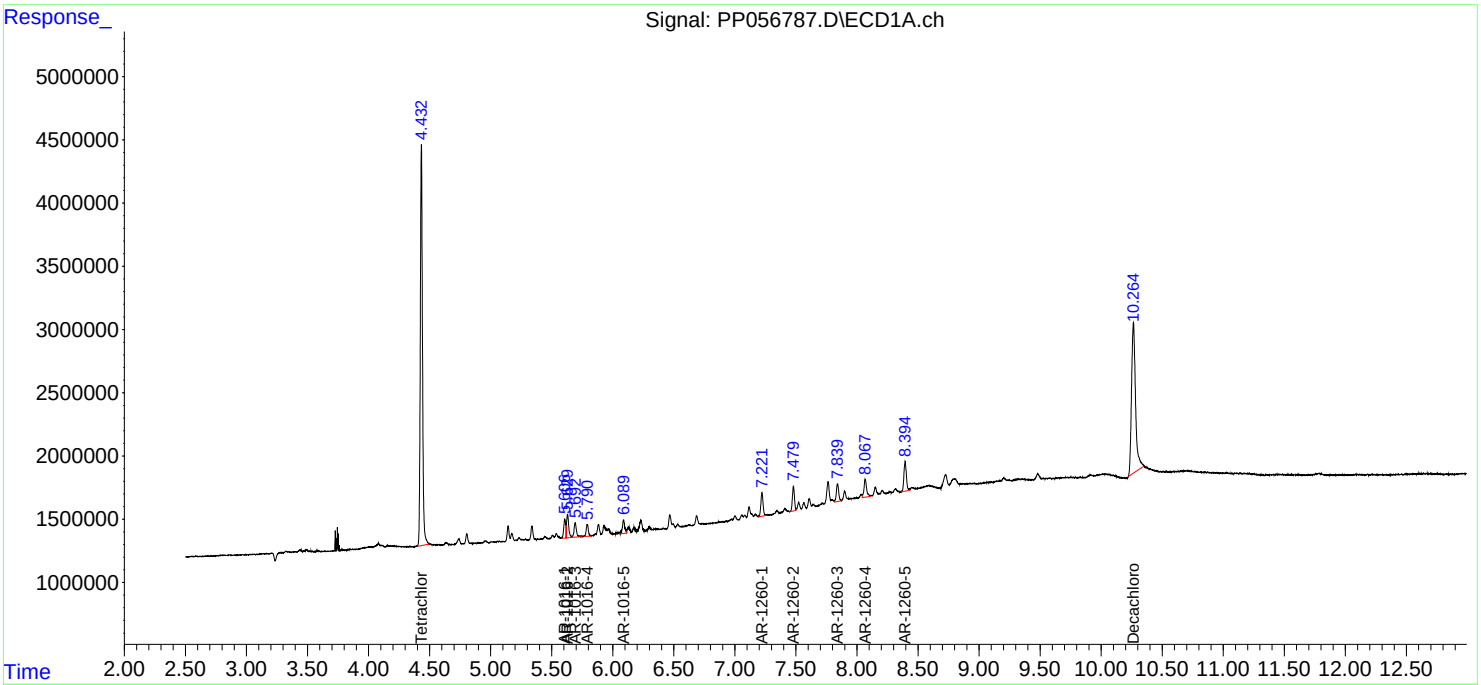
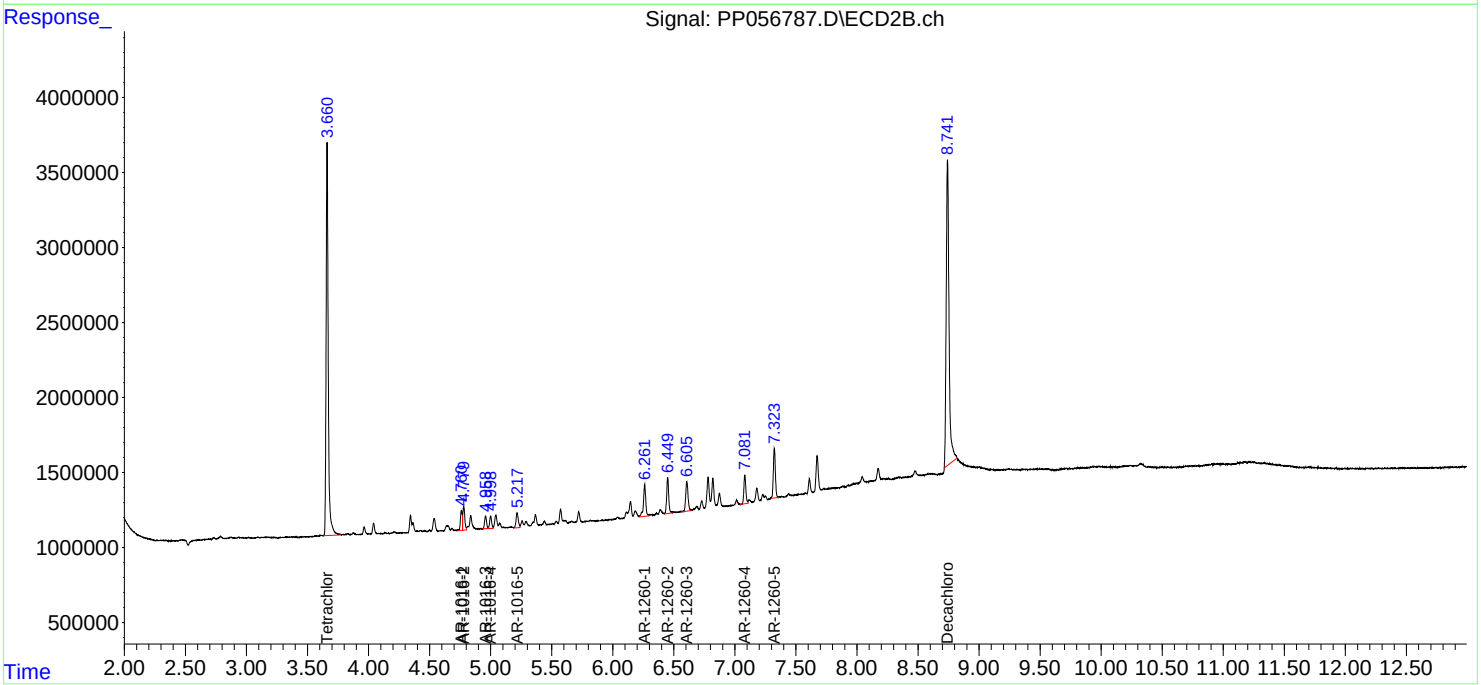
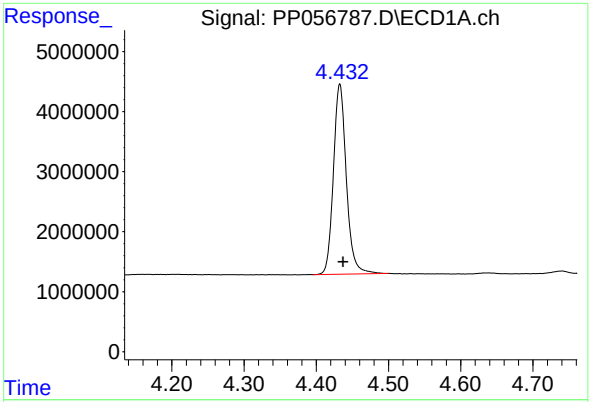
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



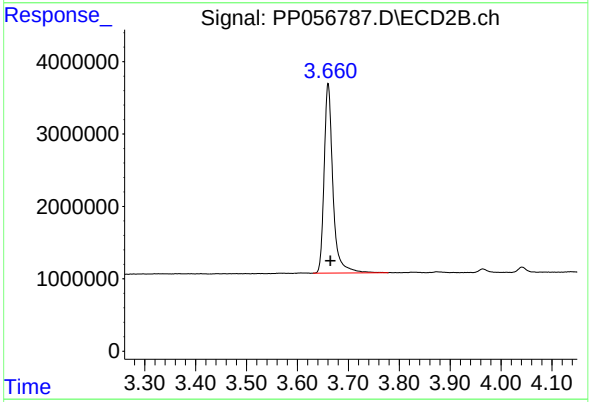






#1 Tetrachloro-m-xylene

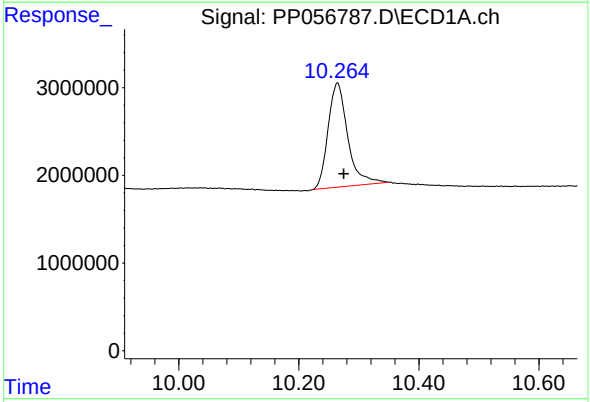
R.T.: 4.433 min
Delta R.T.: -0.004 min
Response: 39367331
Conc: 18.32 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
MDL-WATER-03-QT2-2023



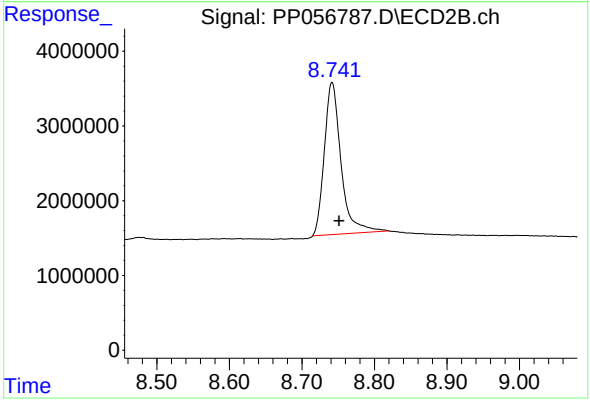

#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.005 min
Response: 31468891
Conc: 18.09 ng/ml



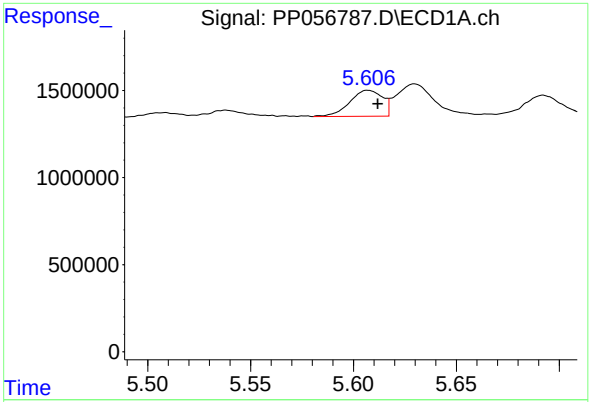

#2 Decachlorobiphenyl

R.T.: 10.264 min
Delta R.T.: -0.011 min
Response: 27124298
Conc: 20.72 ng/ml




#2 Decachlorobiphenyl

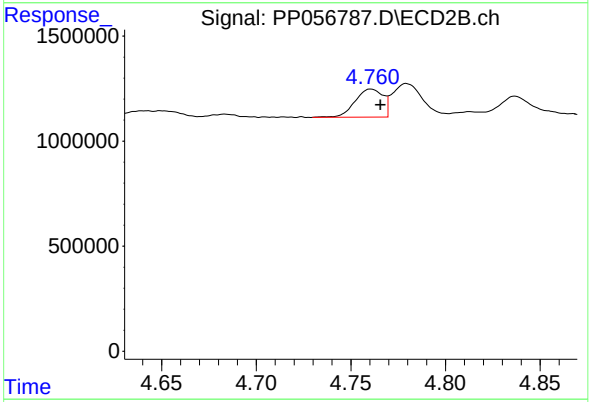
R.T.: 8.742 min
Delta R.T.: -0.010 min
Response: 32610277
Conc: 20.74 ng/ml




#3 AR-1016-1

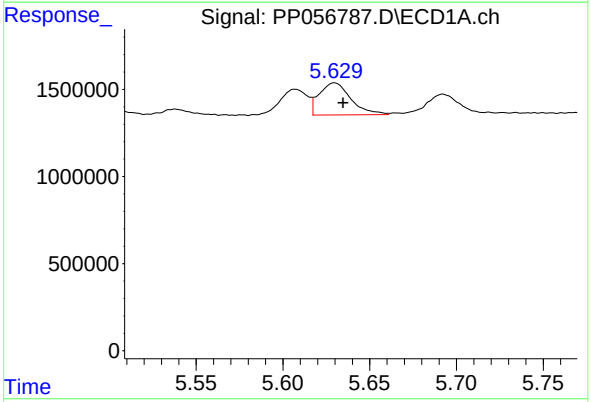
R.T.: 5.607 min
Delta R.T.: -0.005 min
Response: 1659117
Conc: 27.02 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
MDL-WATER-03-QT2-2023



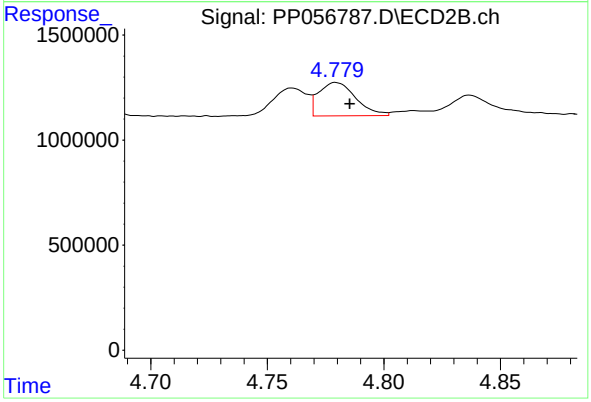

#3 AR-1016-1

R.T.: 4.761 min
Delta R.T.: -0.005 min
Response: 1373636
Conc: 25.79 ng/ml



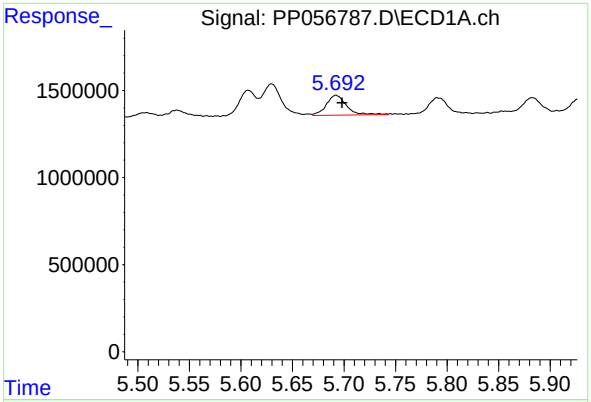

#4 AR-1016-2

R.T.: 5.630 min
Delta R.T.: -0.005 min
Response: 2340837
Conc: 26.25 ng/ml




#4 AR-1016-2

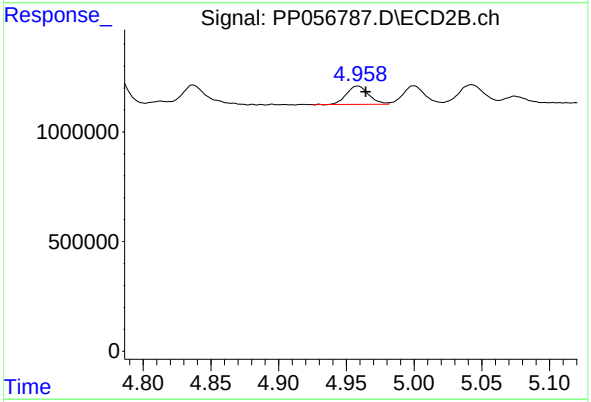
R.T.: 4.779 min
Delta R.T.: -0.006 min
Response: 1759146
Conc: 23.72 ng/ml




#5 AR-1016-3

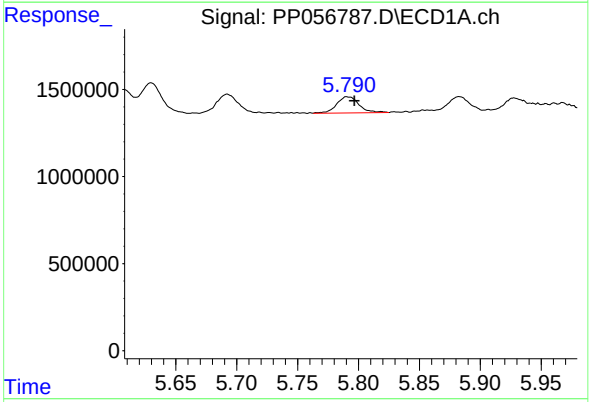
R.T.: 5.692 min
Delta R.T.: -0.006 min
Response: 1564282
Conc: 27.59 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
MDL-WATER-03-QT2-2023



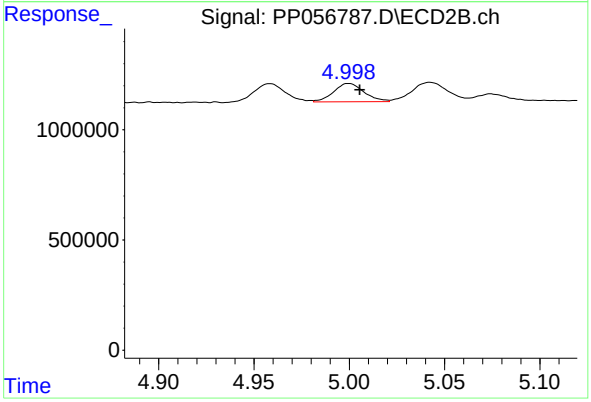

#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 955543
Conc: 23.74 ng/ml



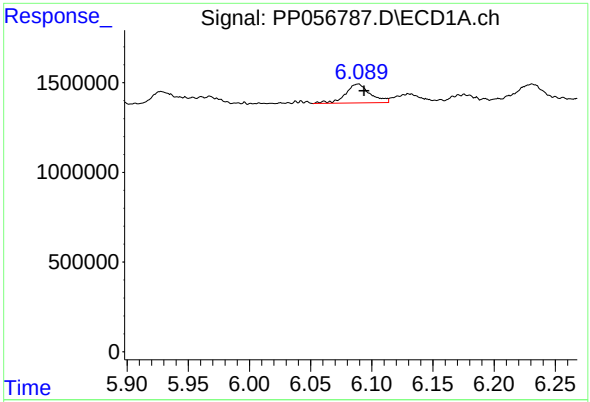

#6 AR-1016-4

R.T.: 5.791 min
Delta R.T.: -0.006 min
Response: 1191264
Conc: 26.60 ng/ml




#6 AR-1016-4

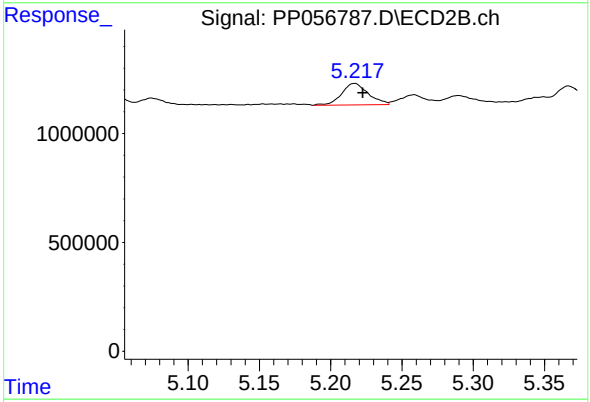
R.T.: 5.000 min
Delta R.T.: -0.006 min
Response: 921890
Conc: 25.44 ng/ml




#7 AR-1016-5

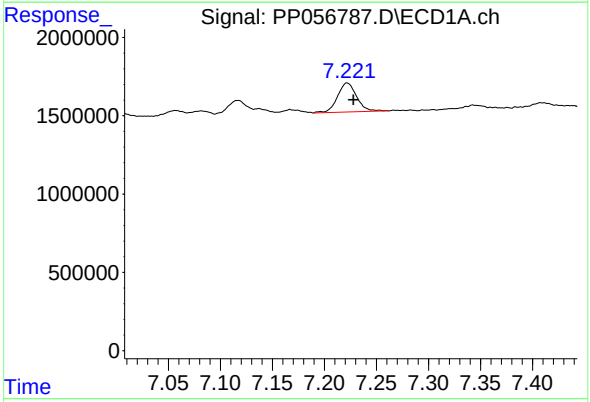
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 1483792
Conc: 31.65 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
MDL-WATER-03-QT2-2023



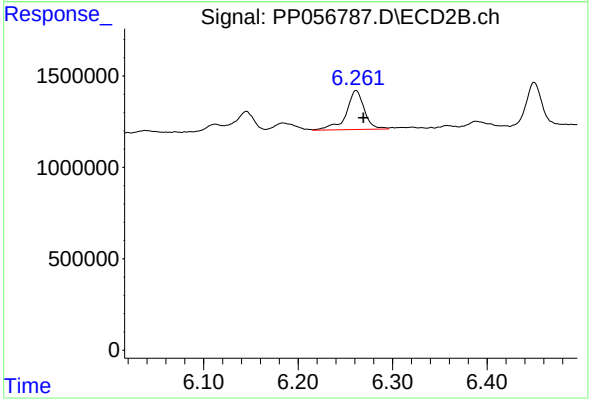

#7 AR-1016-5

R.T.: 5.217 min
Delta R.T.: -0.006 min
Response: 1284751
Conc: 27.36 ng/ml



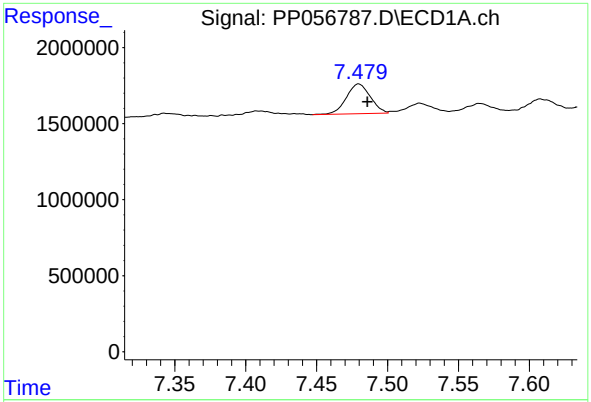

#31 AR-1260-1

R.T.: 7.222 min
Delta R.T.: -0.006 min
Response: 2385808
Conc: 29.31 ng/ml




#31 AR-1260-1

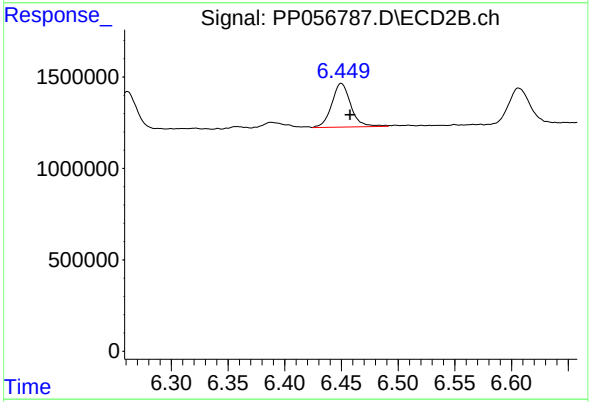
R.T.: 6.261 min
Delta R.T.: -0.008 min
Response: 2842599
Conc: 29.72 ng/ml




#32 AR-1260-2

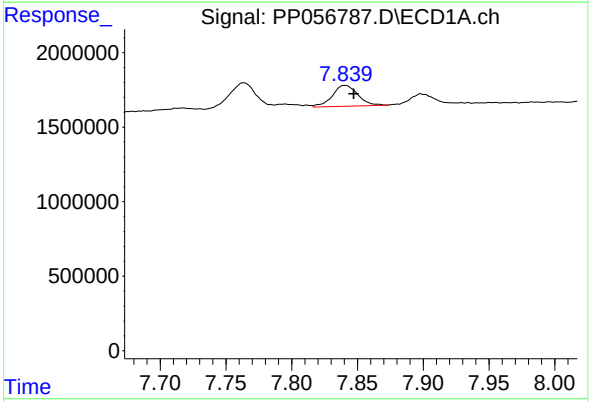
R.T.: 7.480 min
Delta R.T.: -0.006 min
Response: 2309268
Conc: 27.07 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
MDL-WATER-03-QT2-2023



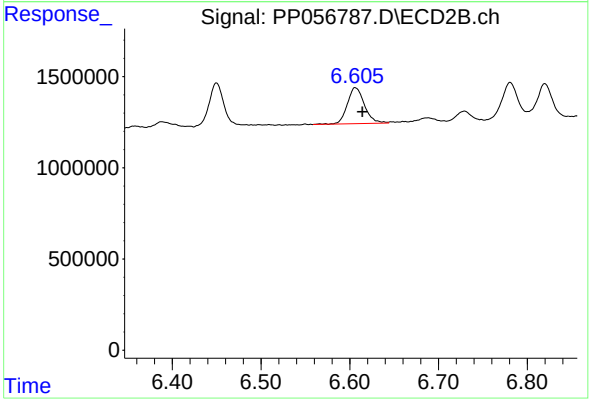

#32 AR-1260-2

R.T.: 6.450 min
Delta R.T.: -0.008 min
Response: 2785500
Conc: 26.97 ng/ml



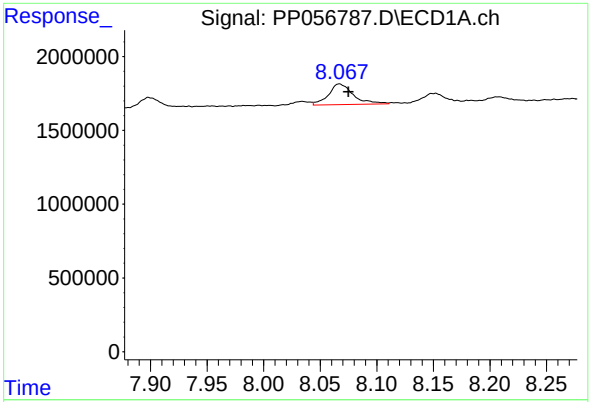

#33 AR-1260-3

R.T.: 7.841 min
Delta R.T.: -0.006 min
Response: 1896916
Conc: 27.16 ng/ml




#33 AR-1260-3

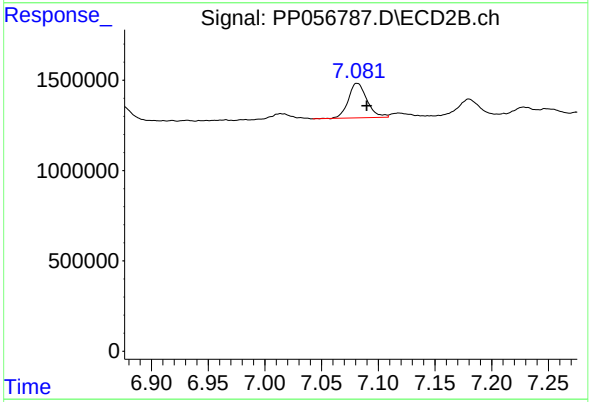
R.T.: 6.606 min
Delta R.T.: -0.008 min
Response: 2655656
Conc: 25.61 ng/ml




#34 AR-1260-4

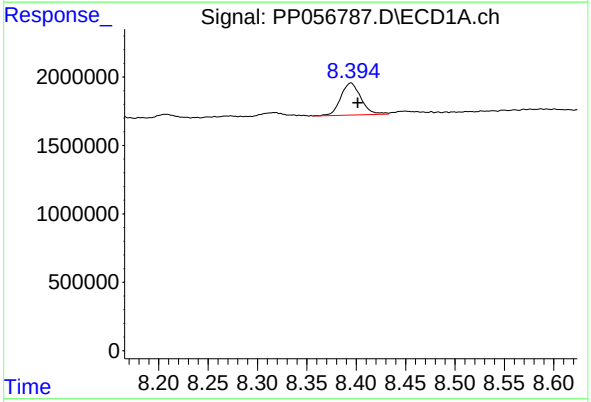
R.T.: 8.067 min
Delta R.T.: -0.008 min
Response: 2142685
Conc: 28.08 ng/ml

**Instrument :**
ECD_P
**ClientSampleId :**
MDL-WATER-03-QT2-2023



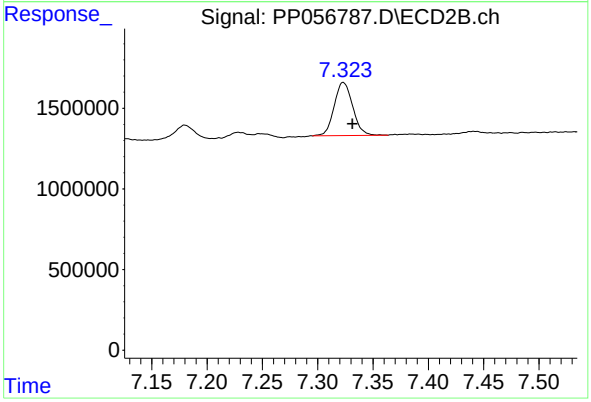

#34 AR-1260-4

R.T.: 7.082 min
Delta R.T.: -0.008 min
Response: 2189284
Conc: 25.63 ng/ml




#35 AR-1260-5

R.T.: 8.395 min
Delta R.T.: -0.007 min
Response: 3326711
Conc: 26.28 ng/ml




#35 AR-1260-5

R.T.: 7.323 min
Delta R.T.: -0.008 min
Response: 3848276
Conc: 24.32 ng/ml