Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO012120\
Data File : PO065752.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Jan 2020 4:06
Operator : DD\AJ
Sample : L1161-07
Misc : AR1262 LOD 40 PPB
ALS Vial : 42 Sample Multiplier: 1

**Instrument :** ECD_O
**ClientSampleId :** LOD-MDL-WATER-01-QT1-2020

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 07:12:07 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO010420.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 04 04:01:28 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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... | 4.154 | 3.429 | 465437 | 554536 | 25.489 | 25.209 | |
| 2) | SA Decachlor... | 9.649 | 8.329 | 809724 | 977325 | 23.898 | 23.567 | |
| | Target Compounds | | | | | | | |
| 9) | L2 AR-1221-2 | 4.454 | 0.000 | 9398 | 0 | 60.194 | N.D. | # |
| 20) | L4 AR-1242-5 | 0.000 | 5.275 | 0 | 10656 | N.D. | 14.662 | # |
| 24) | L5 AR-1248-4 | 6.146 | 0.000 | 12482 | 0 | 13.177 | N.D. | # |
| 25) | L5 AR-1248-5 | 0.000 | 5.275 | 0 | 10656 | N.D. | 10.527 | # |
| 26) | L6 AR-1254-1 | 6.146 | 5.275 | 12482 | 10656 | 14.713 | 7.356 | # |
| 27) | L6 AR-1254-2 | 6.361 | 5.421 | 13272 | 16372 | 9.658 | 12.377 | # |
| 28) | L6 AR-1254-3 | 6.729 | 5.834 | 12377 | 54287 | 7.986 | 24.090 | # |
| 29) | L6 AR-1254-4 | 7.005 | 6.075 | 5945 | 12169 | 4.664 | 8.072 | # |
| 30) | L6 AR-1254-5 | 7.457 | 6.495 | 6230 | 148774 | 4.436 | 66.837 | # |
| 31) | L7 AR-1260-1 | 6.886 | 5.947 | 63120 | 84953 | 45.765 | 45.124 | |
| 32) | L7 AR-1260-2 | 7.141 | 6.134 | 80072 | 112833 | 45.637 | 46.443 | |
| 33) | L7 AR-1260-3 | 7.497 | 6.286 | 123823 | 97518 | 87.607 | 45.053 | # |
| 34) | L7 AR-1260-4 | 7.720 | 6.751 | 102068 | 127743 | 58.456 | 63.673 | |
| 35) | L7 AR-1260-5 | 8.025 | 6.994 | 209350 | 245973 | 62.426 | 49.687 | |
| 36) | L8 AR-1262-1 | 7.497 | 6.548 | 123823 | 58735 | 74.851 | 62.302 | |
| 37) | L8 AR-1262-2 | 8.025 | 6.994 | 209350 | 245973 | 65.373 | 54.742 | |
| 38) | L8 AR-1262-3 | 8.308 | 7.273 | 141113 | 106902 | 61.989 | 63.517 | |
| 39) | L8 AR-1262-4 | 8.390 | 7.337 | 107027 | 192448 | 60.546 | 55.960 | |
| 40) | L8 AR-1262-5 | 8.984 | 7.829 | 76646 | 84217 | 57.617 | 49.388 | |
| 41) | L9 AR-1268-1 | 8.308 | 7.273 | 141113 | 106902 | 34.687 | 20.129 | # |
| 42) | L9 AR-1268-2 | 8.390 | 7.337 | 107027 | 192448 | 27.809 | 37.887 | # |
| 43) | L9 AR-1268-3 | 8.597 | 7.539 | 8052 | 17928 | 2.502 | 4.221 | # |
| 44) | L9 AR-1268-4 | 8.984 | 7.829 | 76646 | 84217 | 49.898 | 42.550 | |
| 45) | L9 AR-1268-5 | 9.354 | 8.099 | 35281 | 41267 | 3.184 | 2.870 | |

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

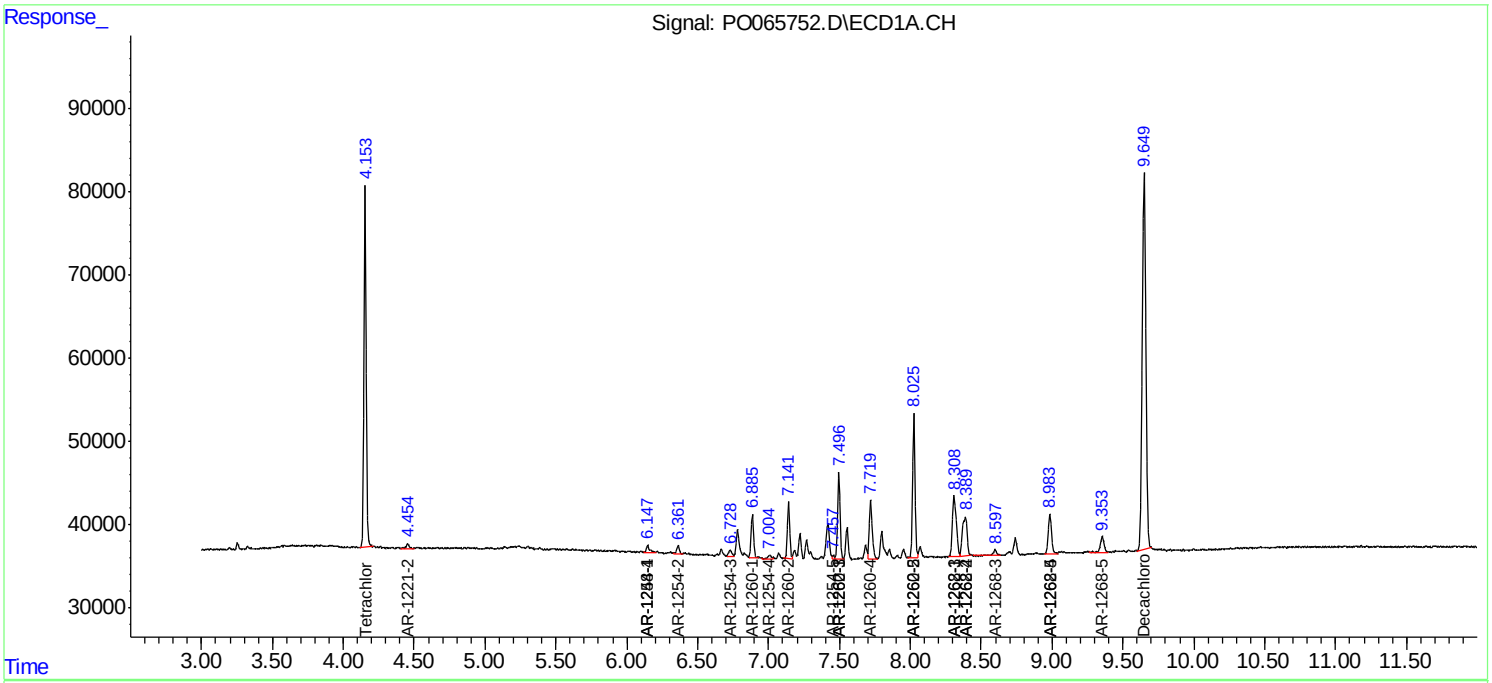
Quantitation Report (Not Reviewed)

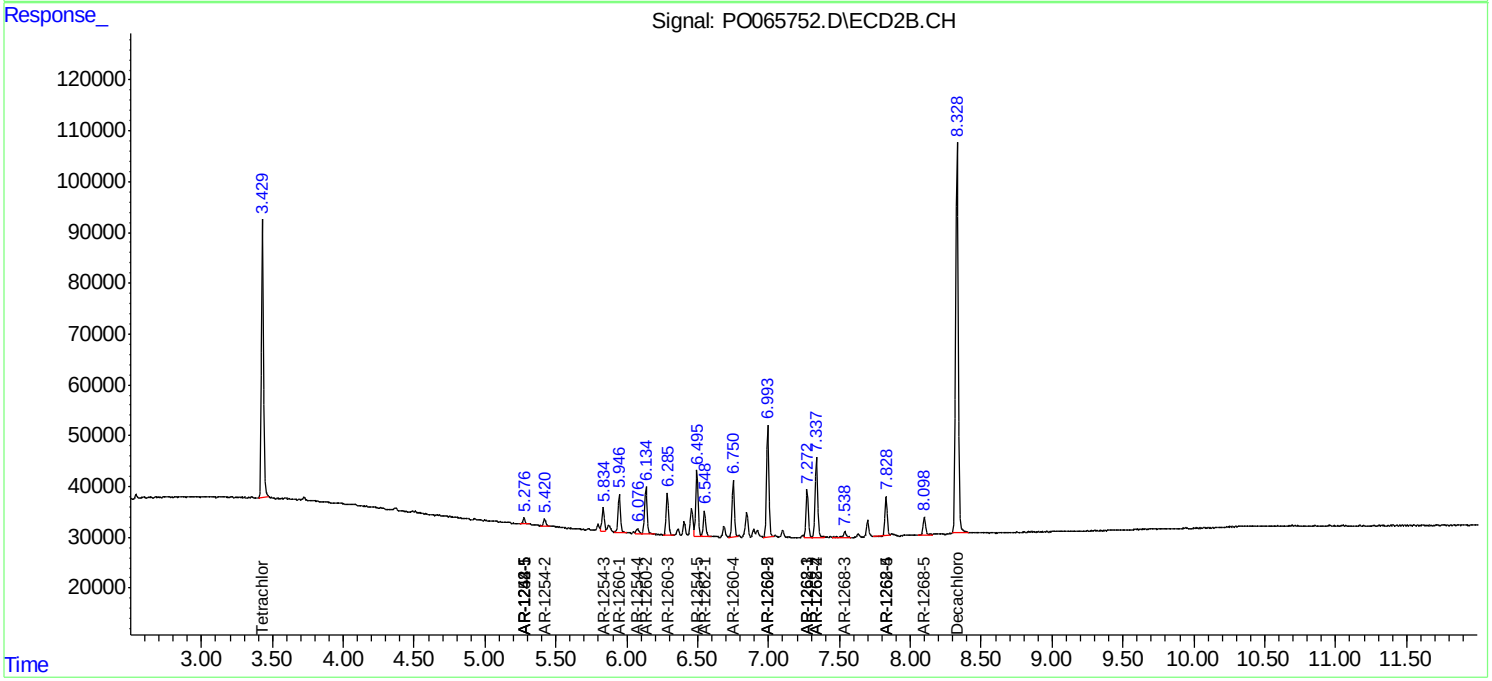
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO012120\
Data File : PO065752.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Jan 2020 4:06
Operator : DD\AJ
Sample : L1161-07
Misc : AR1262 LOD 40 PPB
ALS Vial : 42 Sample Multiplier: 1

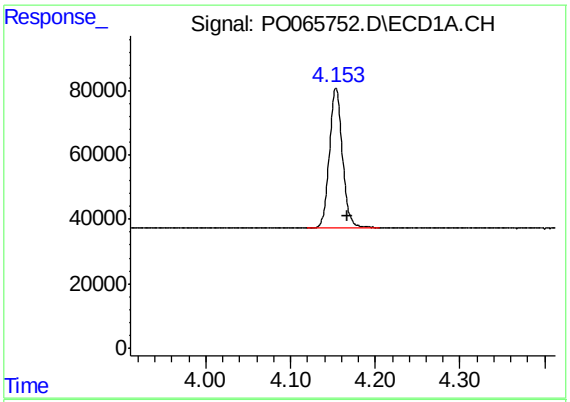
**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 22 07:12:07 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO010420.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jan 04 04:01:28 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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



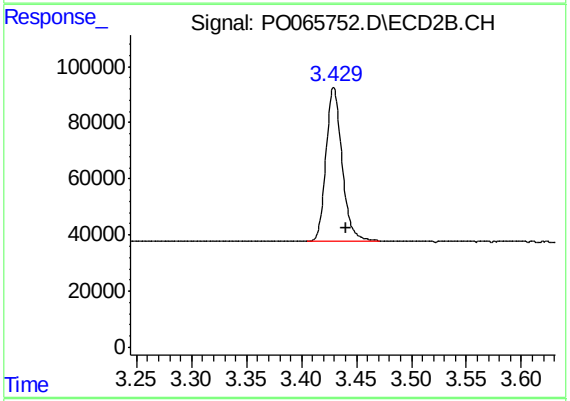






#1 Tetrachloro-m-xylene

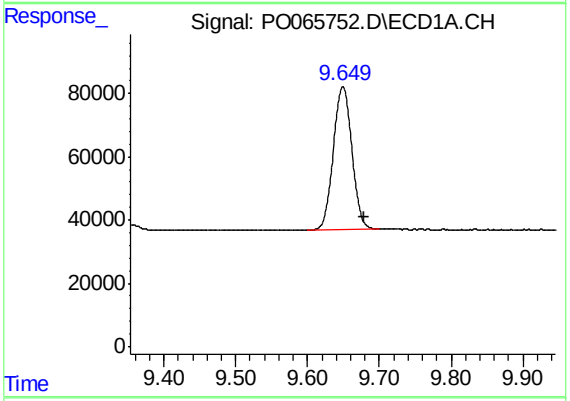
R.T.: 4.154 min
Delta R.T.: -0.013 min
Response: 465437
Conc: 25.49 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020



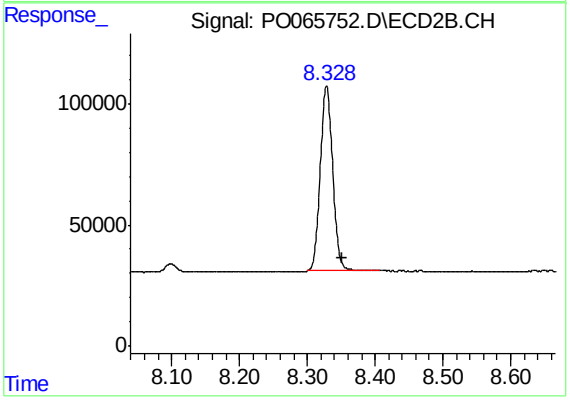

#1 Tetrachloro-m-xylene

R.T.: 3.429 min
Delta R.T.: -0.012 min
Response: 554536
Conc: 25.21 ng/ml



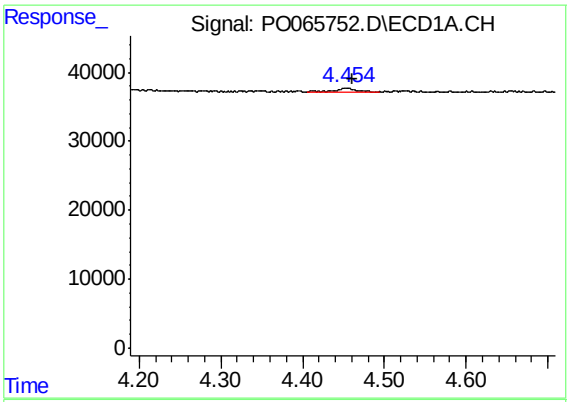

#2 Decachlorobiphenyl

R.T.: 9.649 min
Delta R.T.: -0.029 min
Response: 809724
Conc: 23.90 ng/ml




#2 Decachlorobiphenyl

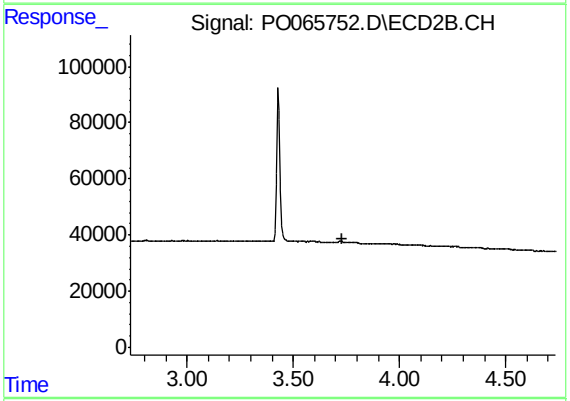
R.T.: 8.329 min
Delta R.T.: -0.024 min
Response: 977325
Conc: 23.57 ng/ml




#9 AR-1221-2

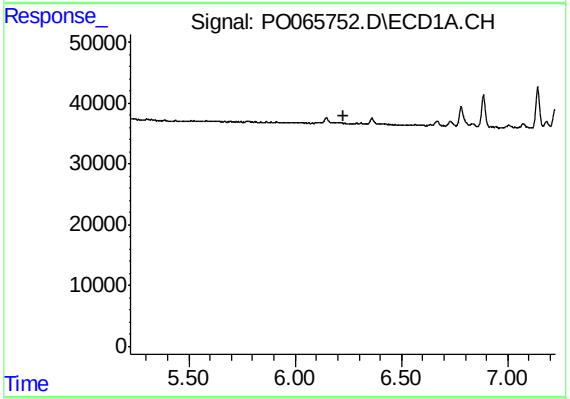
R.T.: 4.454 min
Delta R.T.: -0.006 min
Response: 9398
Conc: 60.19 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020



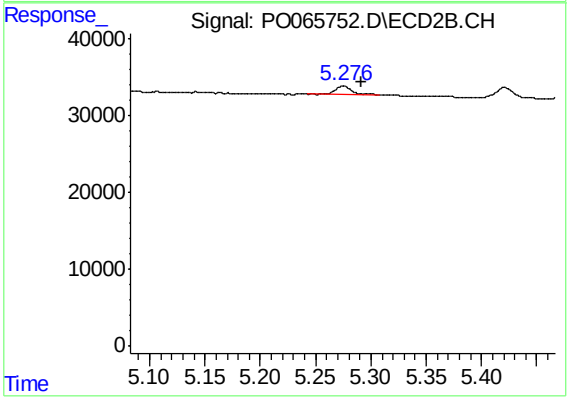

#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.734 min
Response: 0
Conc: N.D.



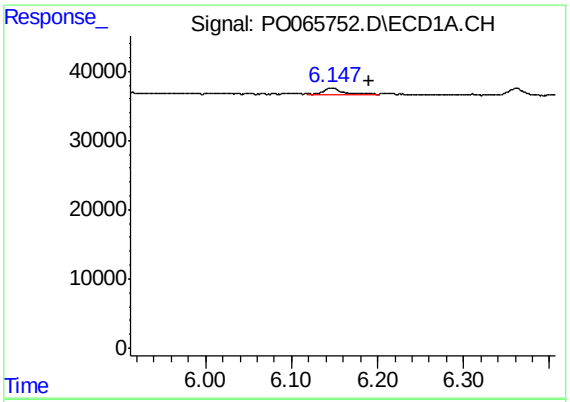

#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.225 min
Response: 0
Conc: N.D.




#20 AR-1242-5

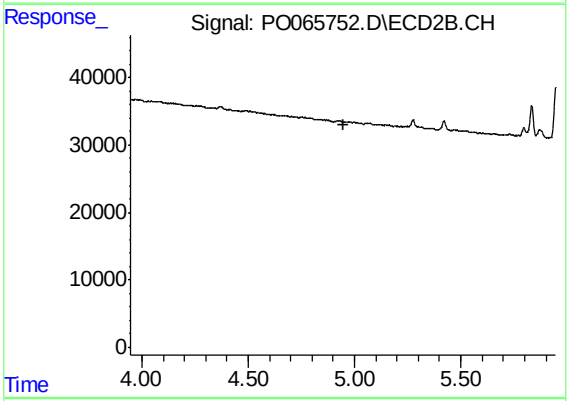
R.T.: 5.275 min
Delta R.T.: -0.017 min
Response: 10656
Conc: 14.66 ng/ml




#24 AR-1248-4

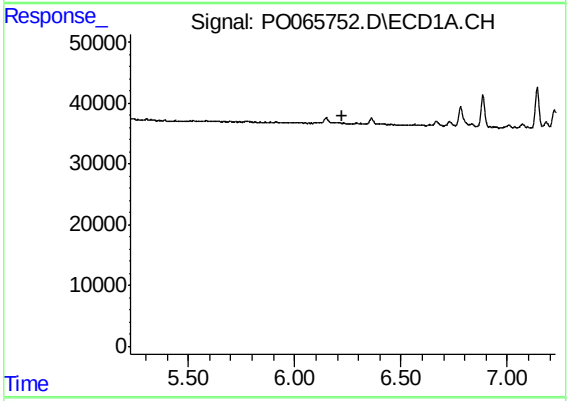
R.T.: 6.146 min
Delta R.T.: -0.044 min
Response: 12482
Conc: 13.18 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020



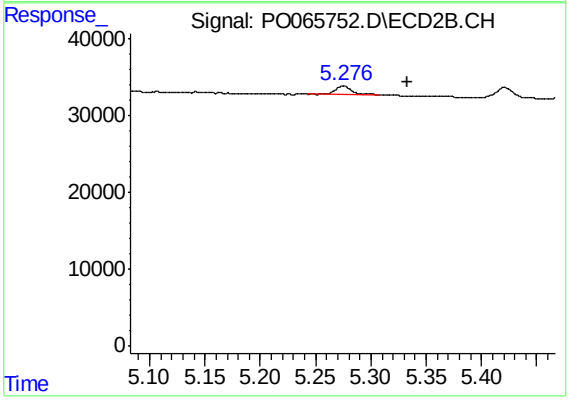

#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.946 min
Response: 0
Conc: N.D.



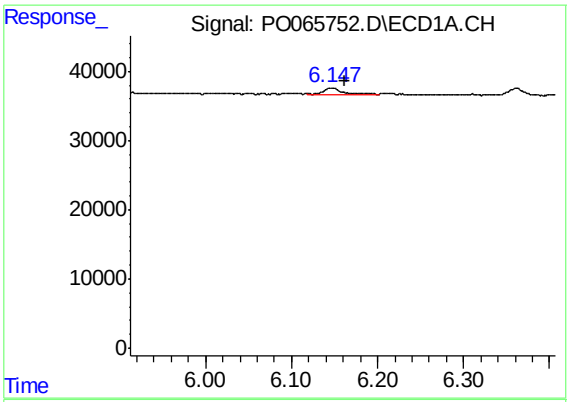

#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.227 min
Response: 0
Conc: N.D.




#25 AR-1248-5

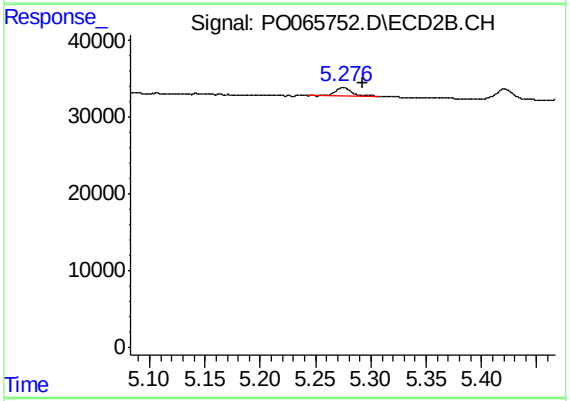
R.T.: 5.275 min
Delta R.T.: -0.058 min
Response: 10656
Conc: 10.53 ng/ml




#26 AR-1254-1

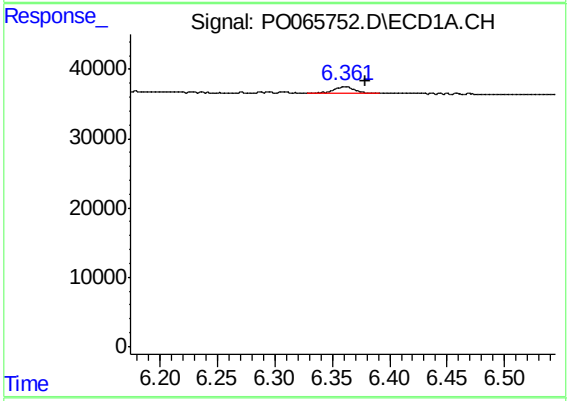
R.T.: 6.146 min
Delta R.T.: -0.016 min
Response: 12482
Conc: 14.71 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020



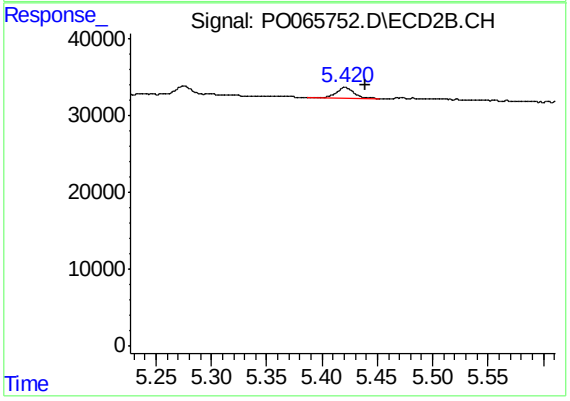

#26 AR-1254-1

R.T.: 5.275 min
Delta R.T.: -0.017 min
Response: 10656
Conc: 7.36 ng/ml



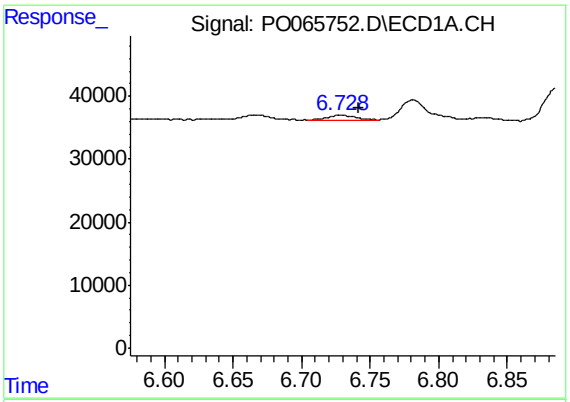

#27 AR-1254-2

R.T.: 6.361 min
Delta R.T.: -0.017 min
Response: 13272
Conc: 9.66 ng/ml




#27 AR-1254-2

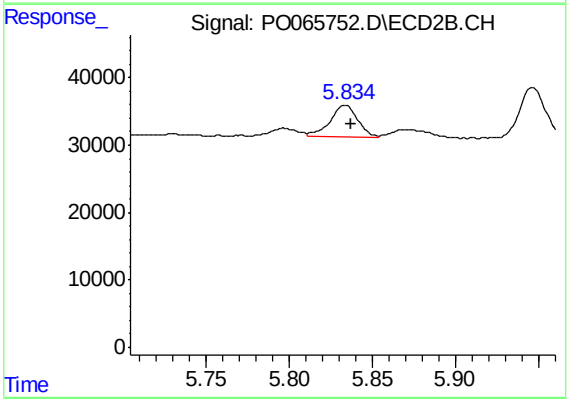
R.T.: 5.421 min
Delta R.T.: -0.018 min
Response: 16372
Conc: 12.38 ng/ml




#28 AR-1254-3

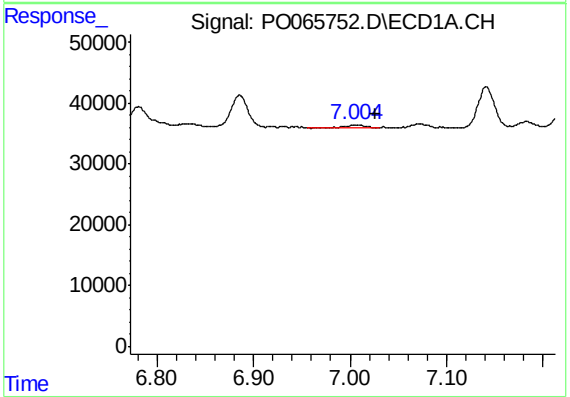
R.T.: 6.729 min
Delta R.T.: -0.013 min
Response: 12377
Conc: 7.99 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020



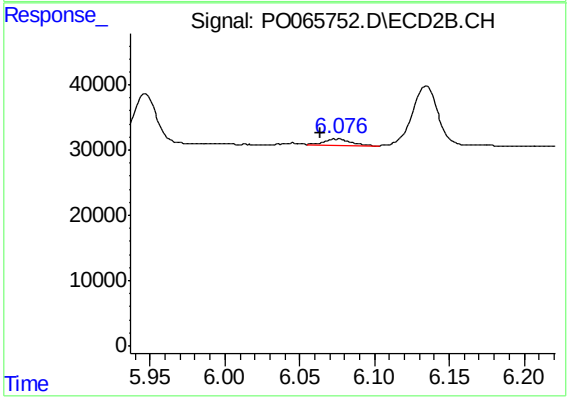

#28 AR-1254-3

R.T.: 5.834 min
Delta R.T.: -0.003 min
Response: 54287
Conc: 24.09 ng/ml



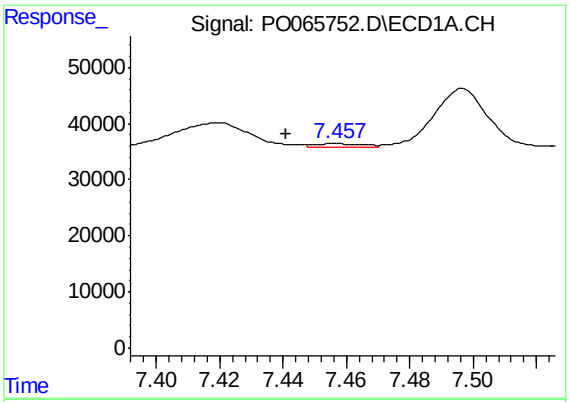

#29 AR-1254-4

R.T.: 7.005 min
Delta R.T.: -0.021 min
Response: 5945
Conc: 4.66 ng/ml




#29 AR-1254-4

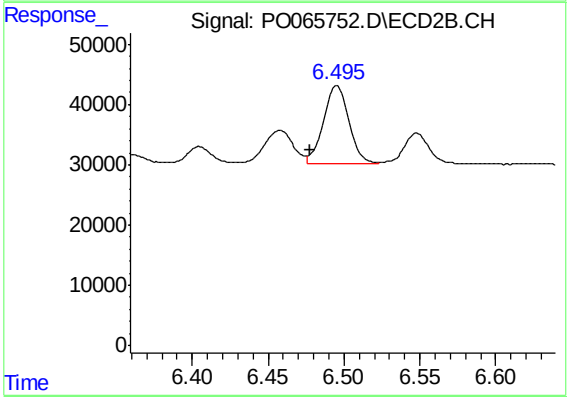
R.T.: 6.075 min
Delta R.T.: 0.011 min
Response: 12169
Conc: 8.07 ng/ml




#30 AR-1254-5

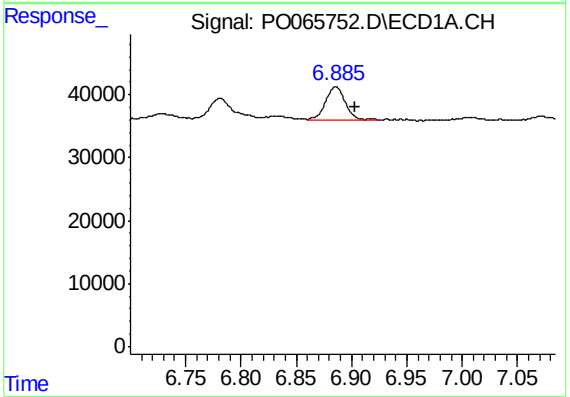
R.T.: 7.457 min
Delta R.T.: 0.016 min
Response: 6230
Conc: 4.44 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020



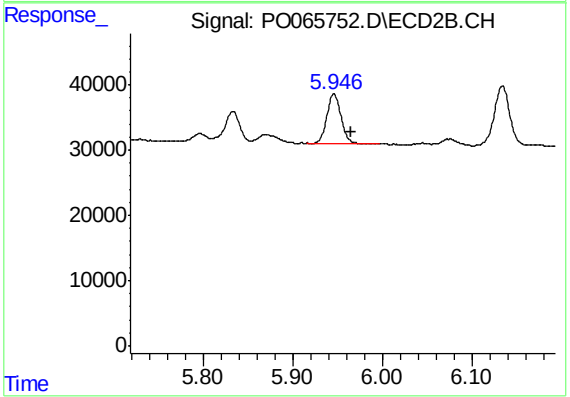

#30 AR-1254-5

R.T.: 6.495 min
Delta R.T.: 0.017 min
Response: 148774
Conc: 66.84 ng/ml



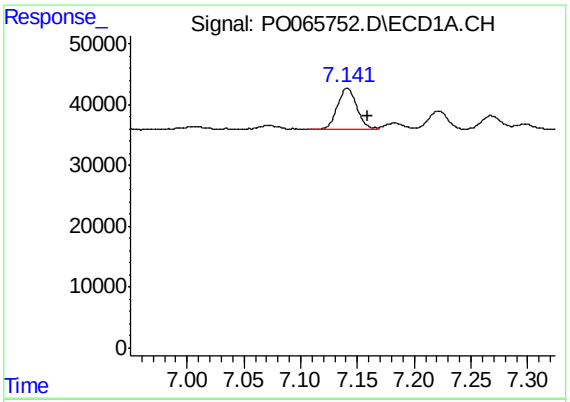

#31 AR-1260-1

R.T.: 6.886 min
Delta R.T.: -0.017 min
Response: 63120
Conc: 45.76 ng/ml




#31 AR-1260-1

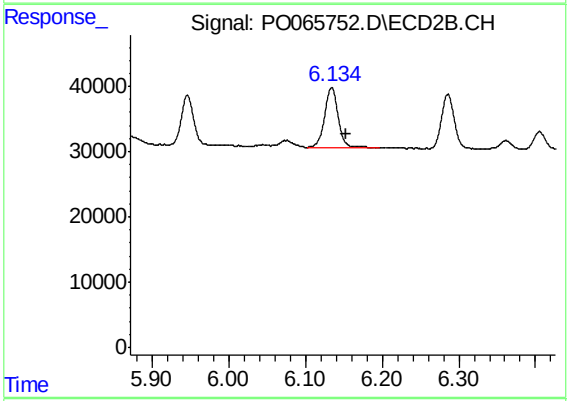
R.T.: 5.947 min
Delta R.T.: -0.019 min
Response: 84953
Conc: 45.12 ng/ml




#32 AR-1260-2

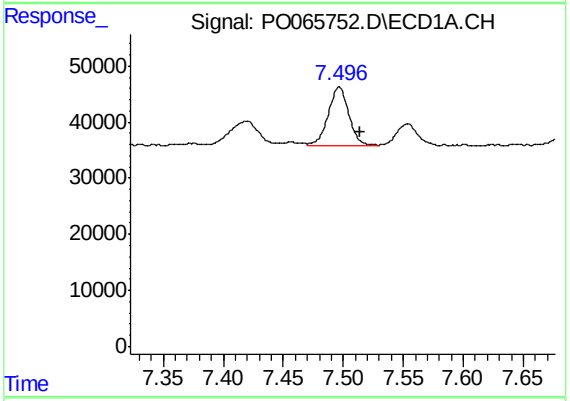
R.T.: 7.141 min
Delta R.T.: -0.019 min
Response: 80072
Conc: 45.64 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020



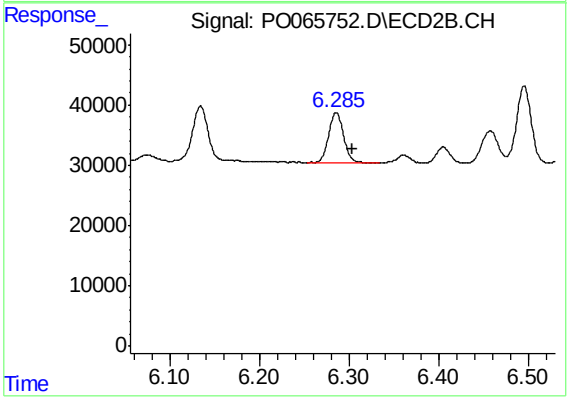

#32 AR-1260-2

R.T.: 6.134 min
Delta R.T.: -0.019 min
Response: 112833
Conc: 46.44 ng/ml



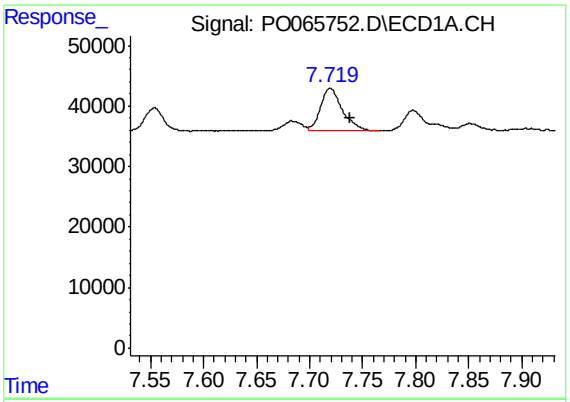

#33 AR-1260-3

R.T.: 7.497 min
Delta R.T.: -0.017 min
Response: 123823
Conc: 87.61 ng/ml




#33 AR-1260-3

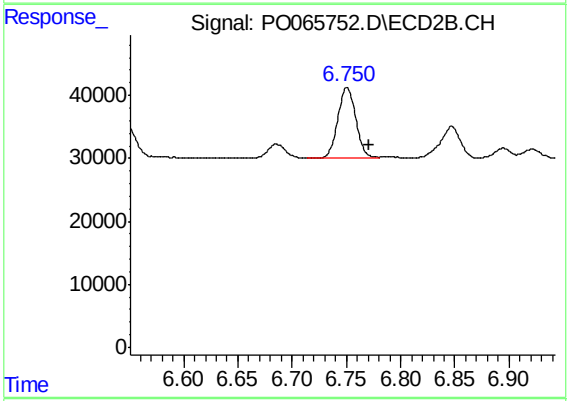
R.T.: 6.286 min
Delta R.T.: -0.018 min
Response: 97518
Conc: 45.05 ng/ml




#34 AR-1260-4

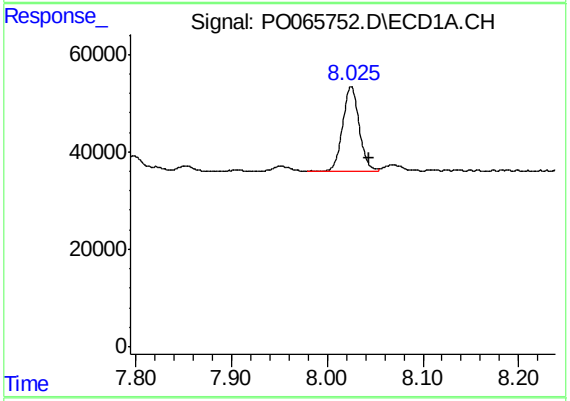
R.T.: 7.720 min
Delta R.T.: -0.018 min
Response: 102068
Conc: 58.46 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020



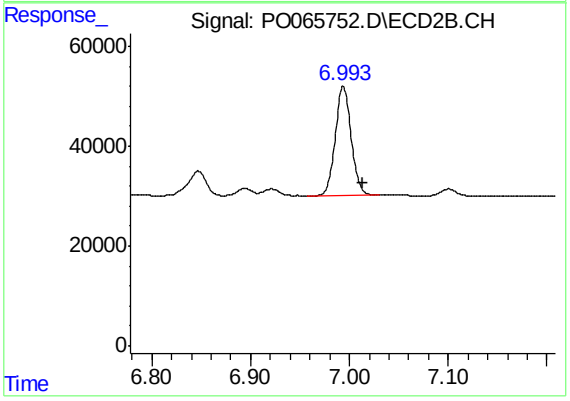

#34 AR-1260-4

R.T.: 6.751 min
Delta R.T.: -0.021 min
Response: 127743
Conc: 63.67 ng/ml



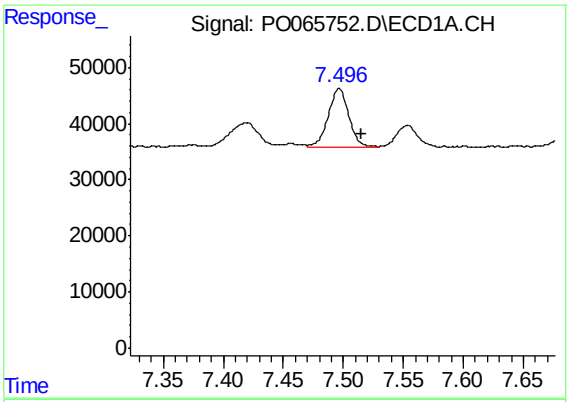

#35 AR-1260-5

R.T.: 8.025 min
Delta R.T.: -0.019 min
Response: 209350
Conc: 62.43 ng/ml




#35 AR-1260-5

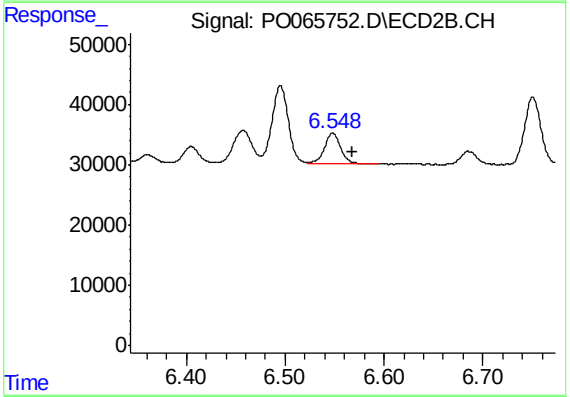
R.T.: 6.994 min
Delta R.T.: -0.020 min
Response: 245973
Conc: 49.69 ng/ml




#36 AR-1262-1

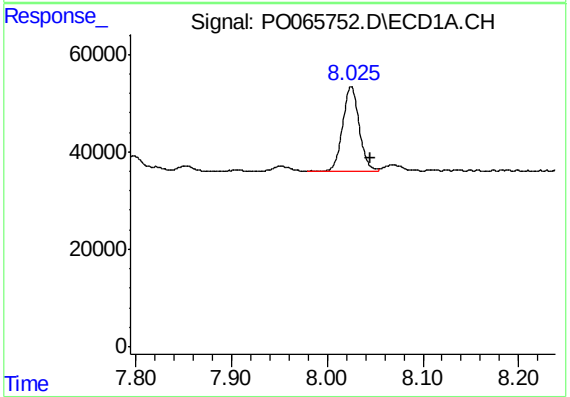
R.T.: 7.497 min
Delta R.T.: -0.018 min
Response: 123823
Conc: 74.85 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020



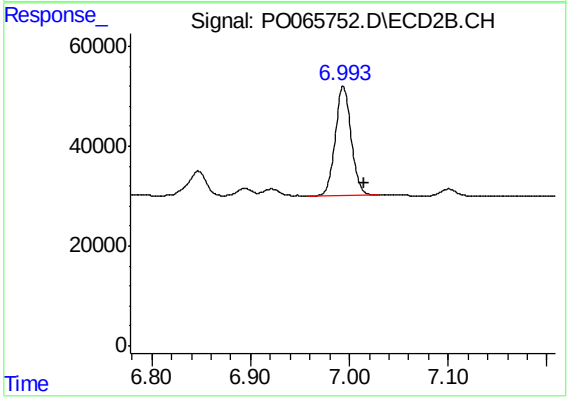

#36 AR-1262-1

R.T.: 6.548 min
Delta R.T.: -0.020 min
Response: 58735
Conc: 62.30 ng/ml



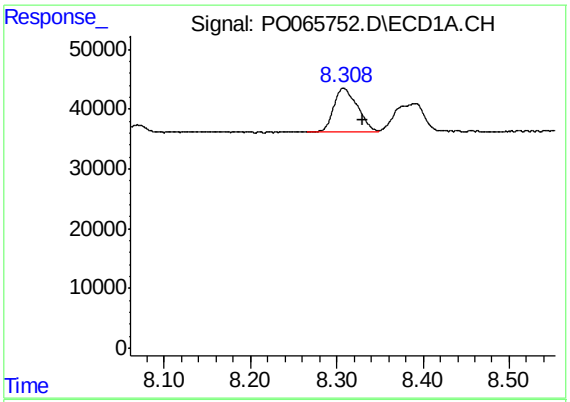

#37 AR-1262-2

R.T.: 8.025 min
Delta R.T.: -0.020 min
Response: 209350
Conc: 65.37 ng/ml




#37 AR-1262-2

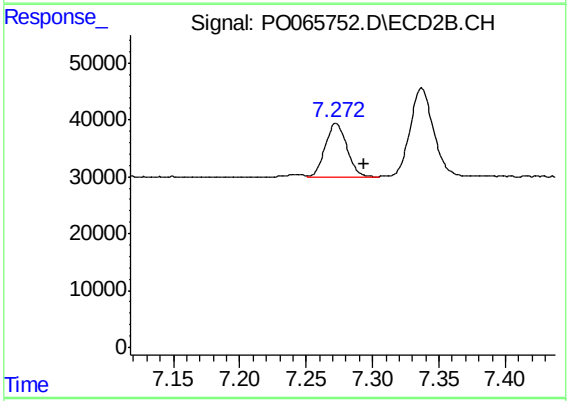
R.T.: 6.994 min
Delta R.T.: -0.020 min
Response: 245973
Conc: 54.74 ng/ml




#38 AR-1262-3

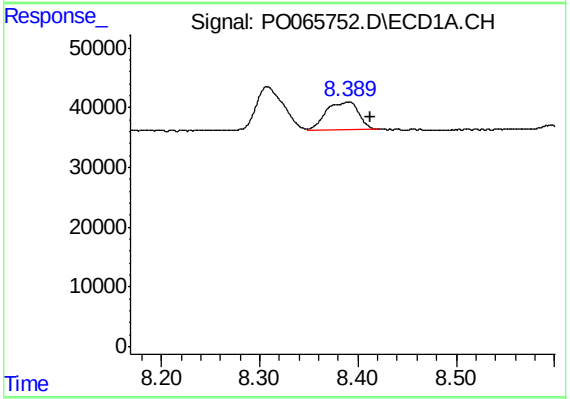
R.T.: 8.308 min
Delta R.T.: -0.022 min
Response: 141113
Conc: 61.99 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020



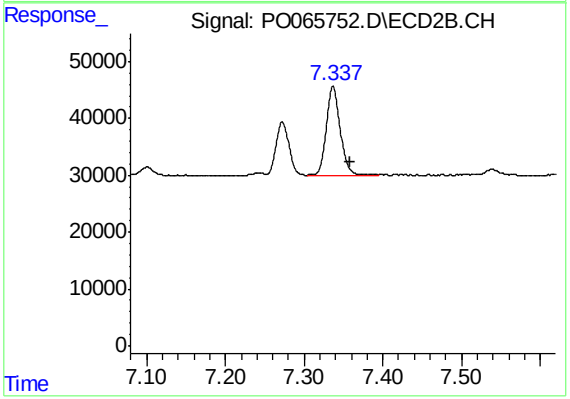

#38 AR-1262-3

R.T.: 7.273 min
Delta R.T.: -0.021 min
Response: 106902
Conc: 63.52 ng/ml



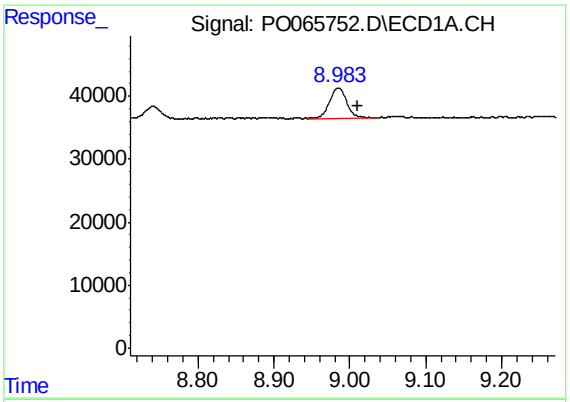

#39 AR-1262-4

R.T.: 8.390 min
Delta R.T.: -0.023 min
Response: 107027
Conc: 60.55 ng/ml




#39 AR-1262-4

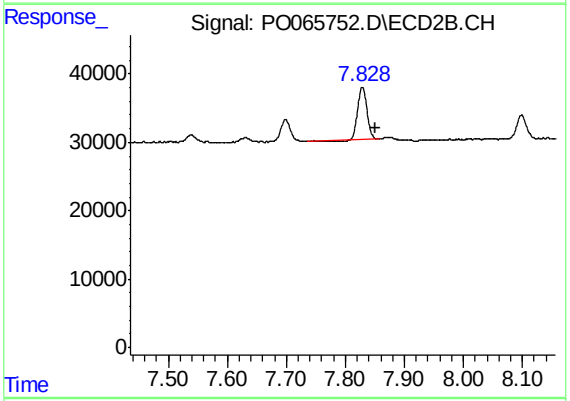
R.T.: 7.337 min
Delta R.T.: -0.021 min
Response: 192448
Conc: 55.96 ng/ml




#40 AR-1262-5

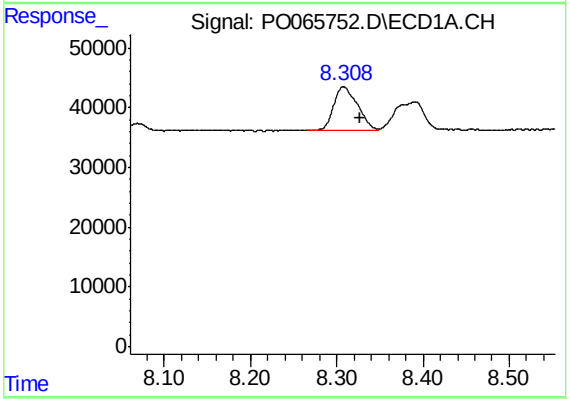
R.T.: 8.984 min
Delta R.T.: -0.026 min
Response: 76646
Conc: 57.62 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020



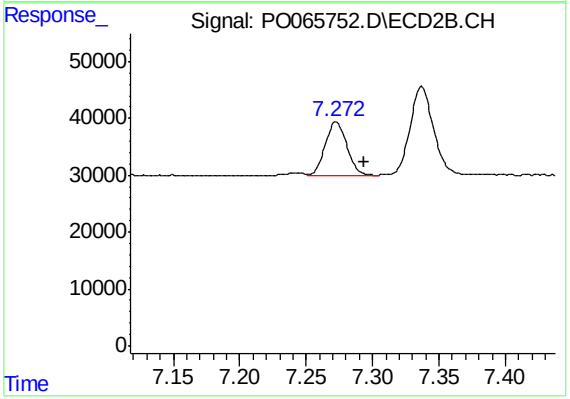

#40 AR-1262-5

R.T.: 7.829 min
Delta R.T.: -0.022 min
Response: 84217
Conc: 49.39 ng/ml



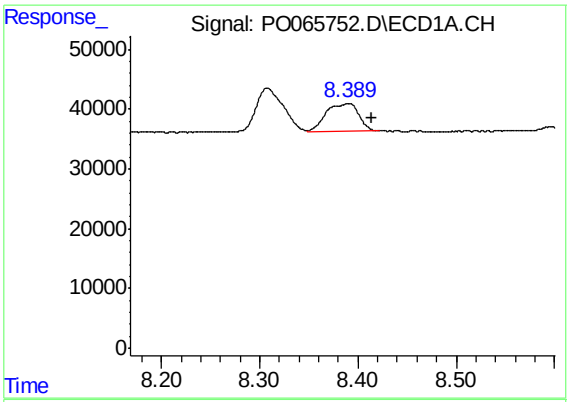

#41 AR-1268-1

R.T.: 8.308 min
Delta R.T.: -0.019 min
Response: 141113
Conc: 34.69 ng/ml




#41 AR-1268-1

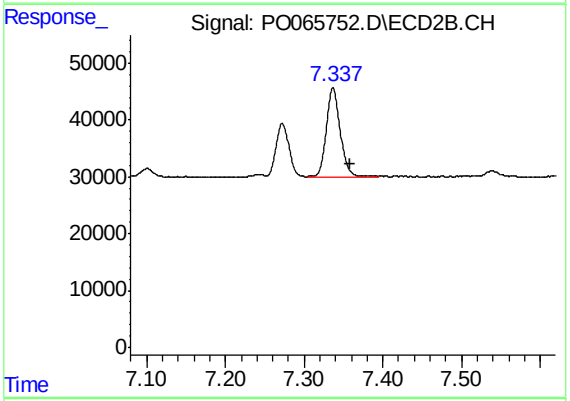
R.T.: 7.273 min
Delta R.T.: -0.021 min
Response: 106902
Conc: 20.13 ng/ml




#42 AR-1268-2

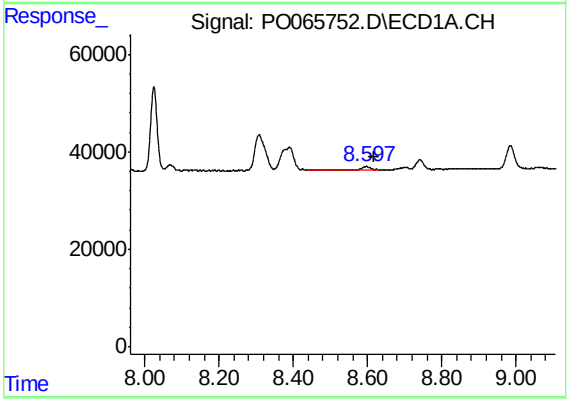
R.T.: 8.390 min
Delta R.T.: -0.024 min
Response: 107027
Conc: 27.81 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020



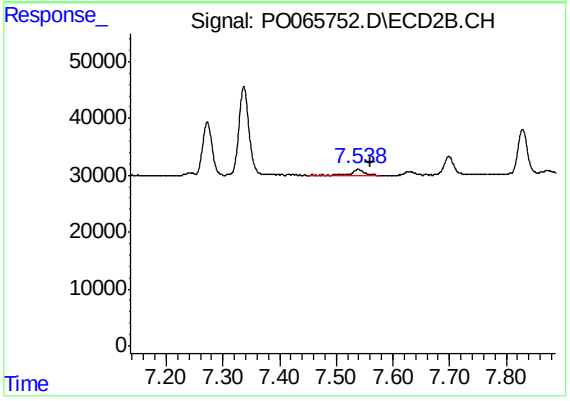

#42 AR-1268-2

R.T.: 7.337 min
Delta R.T.: -0.022 min
Response: 192448
Conc: 37.89 ng/ml



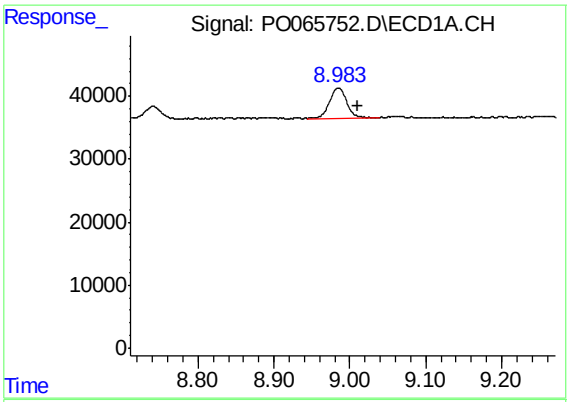

#43 AR-1268-3

R.T.: 8.597 min
Delta R.T.: -0.022 min
Response: 8052
Conc: 2.50 ng/ml




#43 AR-1268-3

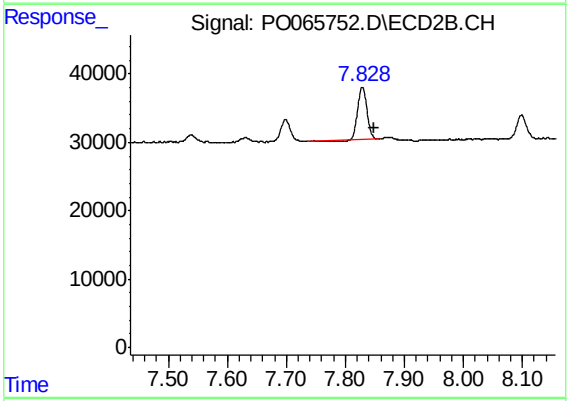
R.T.: 7.539 min
Delta R.T.: -0.022 min
Response: 17928
Conc: 4.22 ng/ml




#44 AR-1268-4

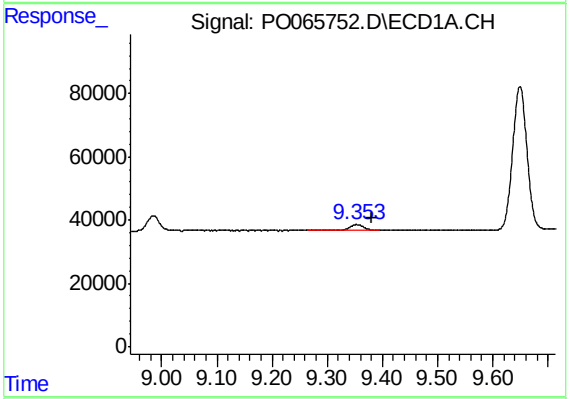
R.T.: 8.984 min
Delta R.T.: -0.026 min
Response: 76646
Conc: 49.90 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020



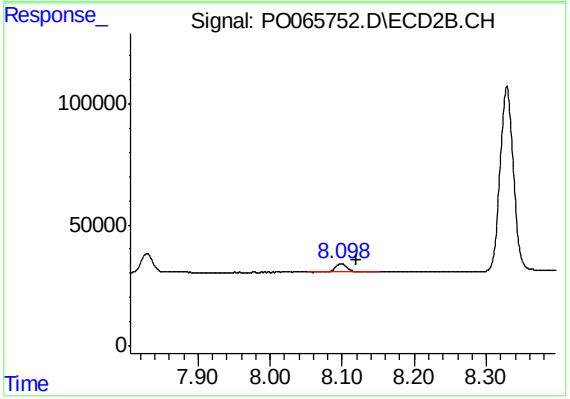

#44 AR-1268-4

R.T.: 7.829 min
Delta R.T.: -0.021 min
Response: 84217
Conc: 42.55 ng/ml




#45 AR-1268-5

R.T.: 9.354 min
Delta R.T.: -0.026 min
Response: 35281
Conc: 3.18 ng/ml




#45 AR-1268-5

R.T.: 8.099 min
Delta R.T.: -0.022 min
Response: 41267
Conc: 2.87 ng/ml