Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101819\
Data File : PO062139.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Oct 2019 12:48
Operator : HP/AJ
Sample : K5111-07
Misc : AR1232 LOD 40 PPB
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** ECD_O
**ClientSampleId :** LOD-MDL-WATER-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 02:45:55 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 12 06:25:38 2019
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... | 4.323 | 3.482 | 878794 | 641089 | 14.209 | 14.950 | |
| 2) | SA Decachlor... | 9.955 | 8.335 | 897872 | 479456 | 16.047 | 16.341 | |
| | Target Compounds | | | | | | | |
| 3) | L1 AR-1016-1 | 5.485 | 4.527 | 56938 | 39222 | 24.058 | 25.076 | |
| 4) | L1 AR-1016-2 | 5.507 | 4.544 | 80402 | 60186 | 23.605 | 25.876 | |
| 5) | L1 AR-1016-3 | 5.568 | 4.713 | 51153 | 28742 | 24.718 | 23.253 | |
| 6) | L1 AR-1016-4 | 0.000 | 4.713 | 0 | 28742 | N.D. | 29.248 | # |
| 7) | L1 AR-1016-5 | 0.000 | 4.961 | 0 | 30545 | N.D. | 23.686 | # |
| 10) | L2 AR-1221-3 | 4.694 | 3.844 | 74067 | 55486 | 45.367 | 47.150 | |
| 11) | L3 AR-1232-1 | 4.694 | 3.844 | 74067 | 55486 | 33.912 | 35.808 | |
| 12) | L3 AR-1232-2 | 0.000 | 4.544 | 0 | 60186 | N.D. | 34.861 | # |
| 13) | L3 AR-1232-3 | 5.507 | 4.713 | 80402 | 28742 | 31.429 | 31.445 | |
| 15) | L3 AR-1232-5 | 0.000 | 4.961 | 0 | 30545 | N.D. | 34.586 | # |
| 16) | L4 AR-1242-1 | 5.485 | 4.527 | 56938 | 39222 | 30.727 | 32.613 | |
| 17) | L4 AR-1242-2 | 5.507 | 4.544 | 80402 | 60186 | 30.309 | 33.789 | |
| 18) | L4 AR-1242-3 | 5.568 | 4.713 | 51153 | 28742 | 31.322 | 30.190 | |
| 20) | L4 AR-1242-5 | 6.398 | 5.303 | 46991 | 26380 | 30.745 | 22.107 | # |
| 21) | L5 AR-1248-1 | 5.485 | 4.527 | 56938 | 39222 | 39.727 | 39.951 | |
| 22) | L5 AR-1248-2 | 0.000 | 4.713 | 0 | 28742 | N.D. | 22.687 | # |
| 24) | L5 AR-1248-4 | 6.360 | 4.961 | 47424 | 30545 | 18.564 | 19.303 | |
| 25) | L5 AR-1248-5 | 6.398 | 5.303 | 46991 | 26380 | 19.218 | 17.141 | |
| 26) | L6 AR-1254-1 | 6.332 | 5.303 | 41607 | 26380 | 15.609 | 10.786 | # |

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

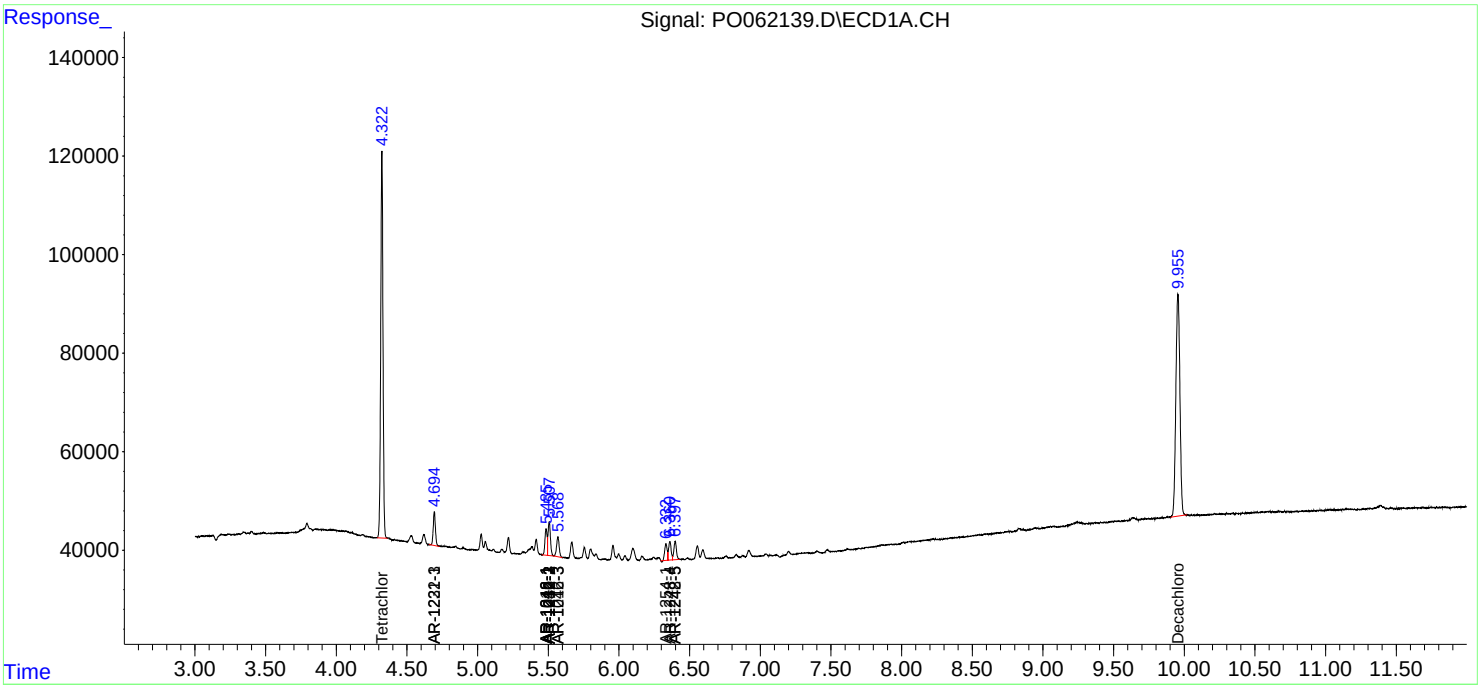
Quantitation Report (Not Reviewed)

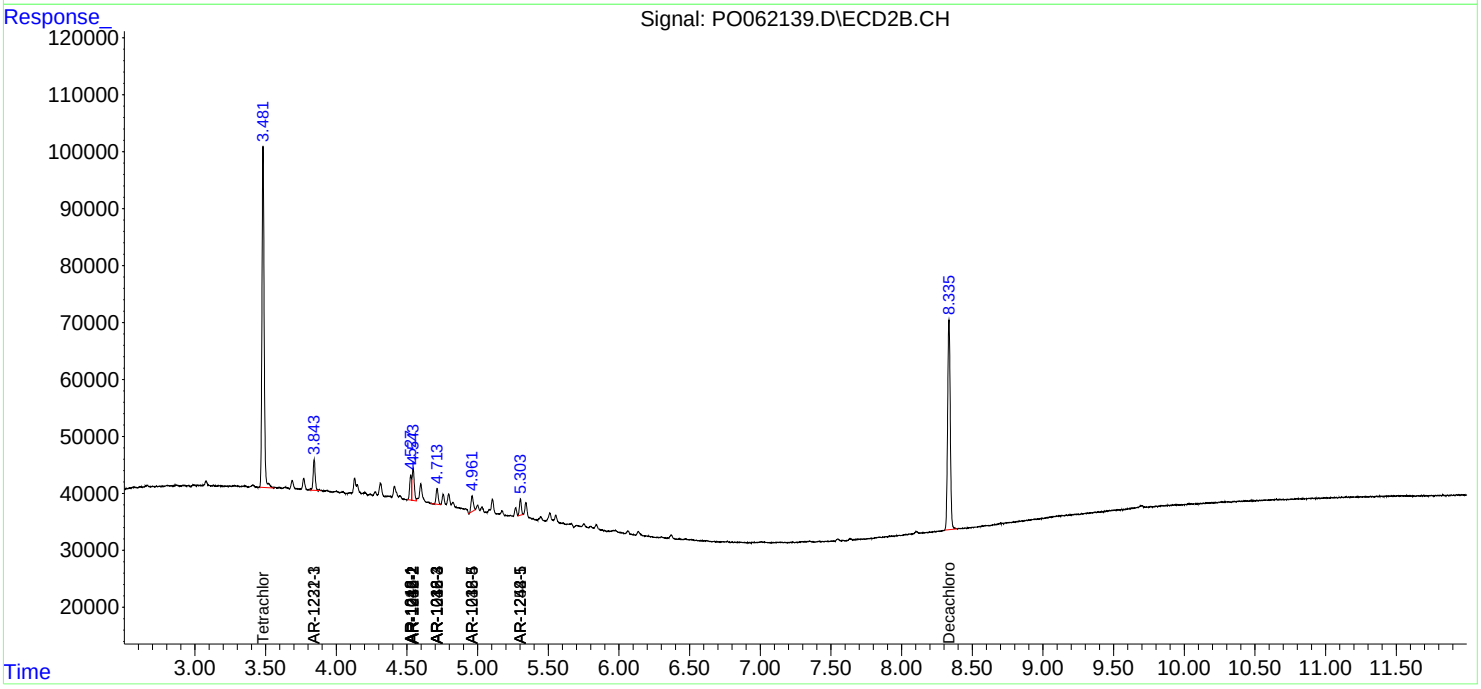
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101819\
Data File : PO062139.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Oct 2019 12:48
Operator : HP/AJ
Sample : K5111-07
Misc : AR1232 LOD 40 PPB
ALS Vial : 14 Sample Multiplier: 1

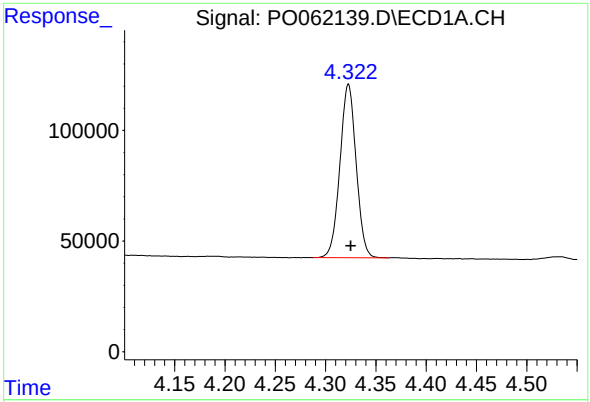
**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 02:45:55 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101119.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 12 06:25:38 2019
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



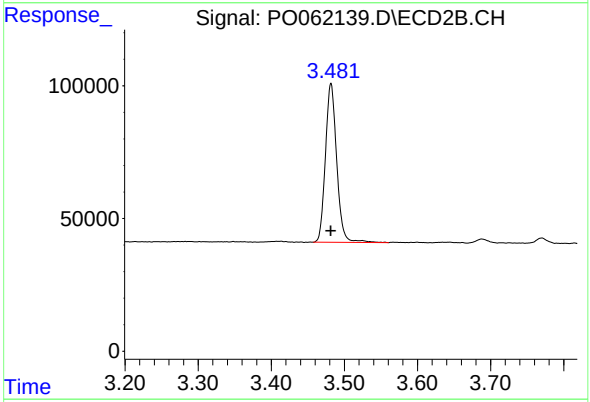






#1 Tetrachloro-m-xylene

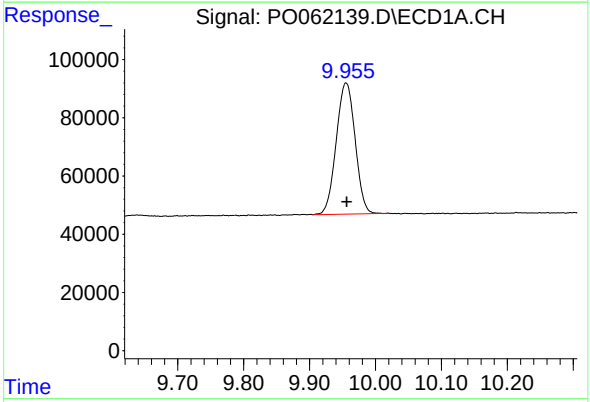
R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 878794
Conc: 14.21 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019



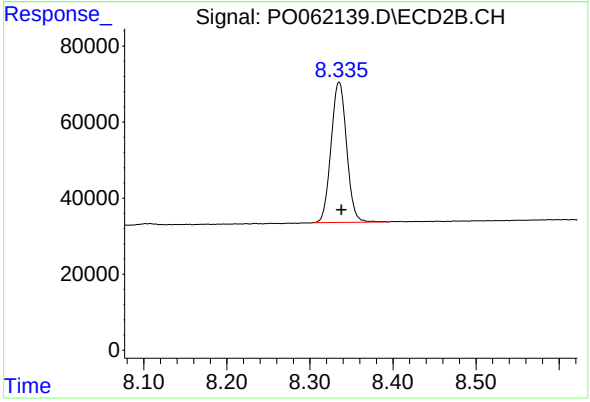

#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: 0.000 min
Response: 641089
Conc: 14.95 ng/ml



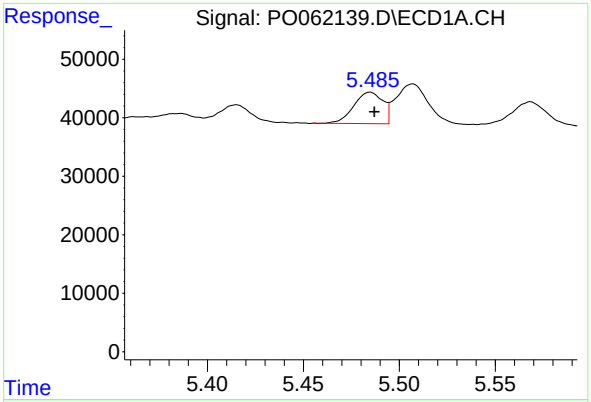

#2 Decachlorobiphenyl

R.T.: 9.955 min
Delta R.T.: -0.001 min
Response: 897872
Conc: 16.05 ng/ml




#2 Decachlorobiphenyl

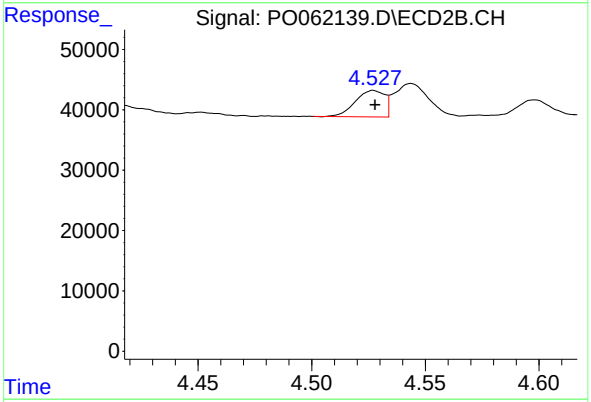
R.T.: 8.335 min
Delta R.T.: -0.003 min
Response: 479456
Conc: 16.34 ng/ml




#3 AR-1016-1

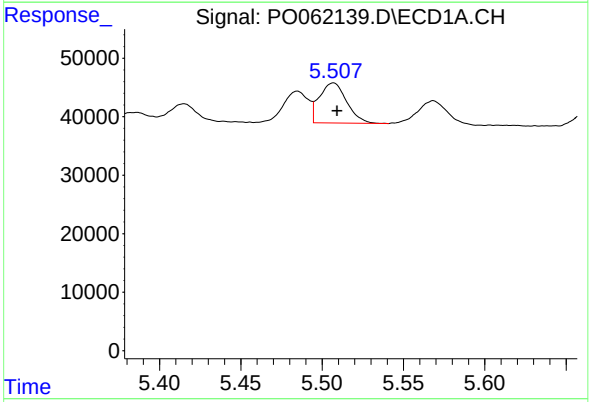
R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 56938
Conc: 24.06 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019



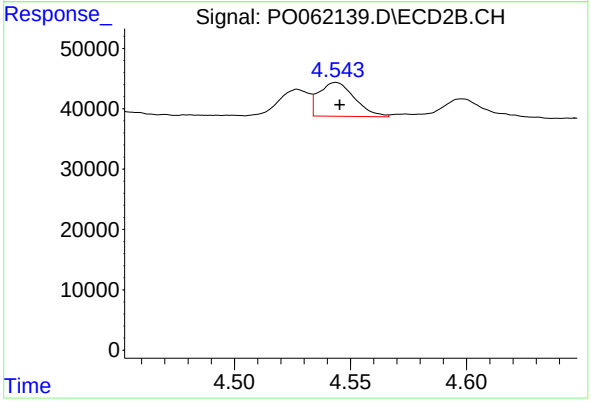

#3 AR-1016-1

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 39222
Conc: 25.08 ng/ml



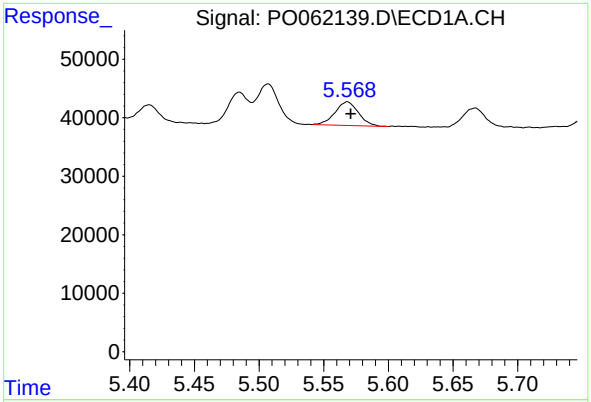

#4 AR-1016-2

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 80402
Conc: 23.60 ng/ml




#4 AR-1016-2

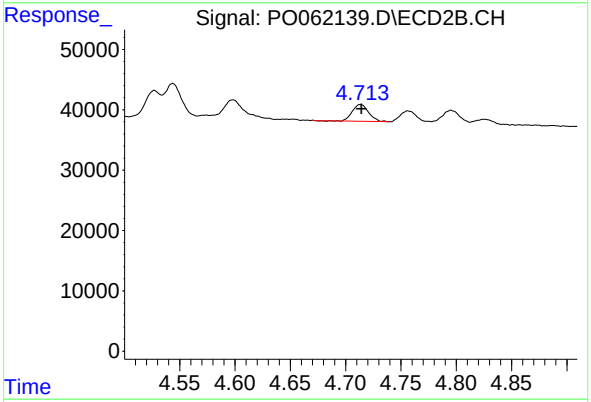
R.T.: 4.544 min
Delta R.T.: -0.002 min
Response: 60186
Conc: 25.88 ng/ml




#5 AR-1016-3

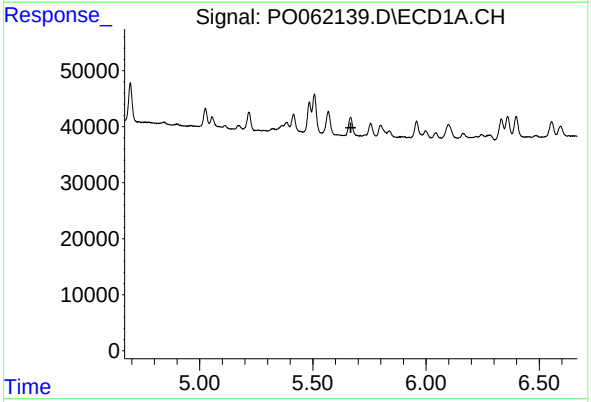
R.T.: 5.568 min
Delta R.T.: -0.003 min
Response: 51153
Conc: 24.72 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019



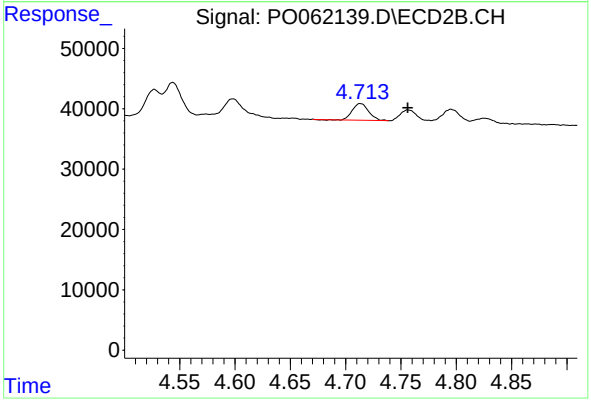

#5 AR-1016-3

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 28742
Conc: 23.25 ng/ml



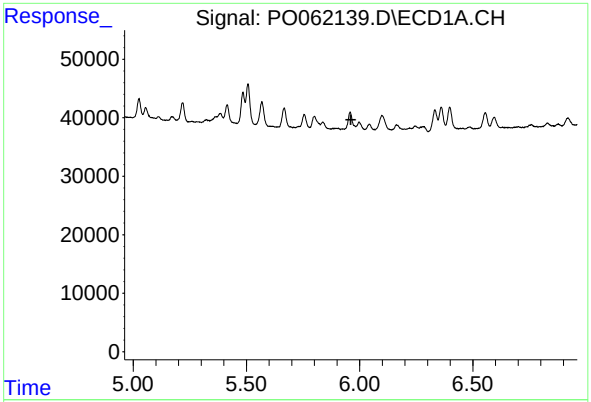

#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.668 min
Response: 0
Conc: N.D.




#6 AR-1016-4

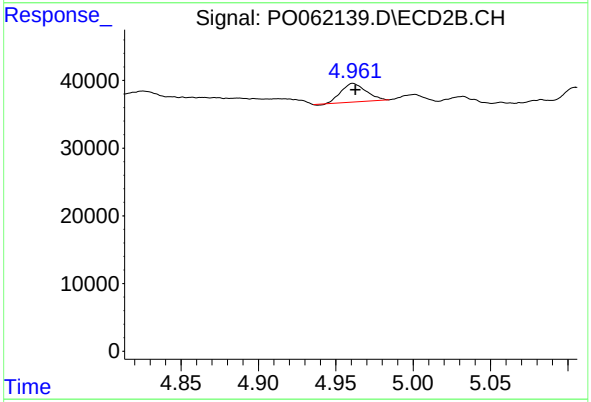
R.T.: 4.713 min
Delta R.T.: -0.043 min
Response: 28742
Conc: 29.25 ng/ml




#7 AR-1016-5

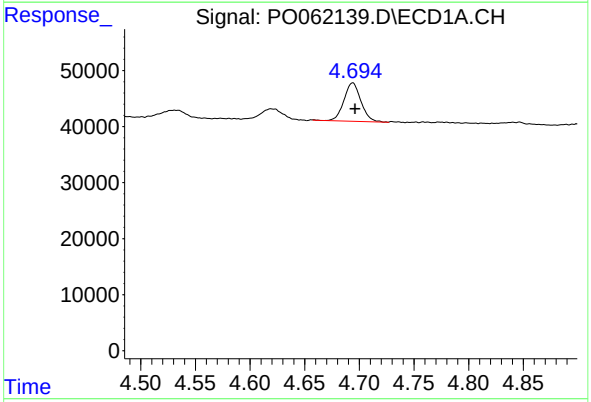
R.T.: 0.000 min
Exp R.T. : 5.961 min
Response: 0
Conc: N.D.

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019



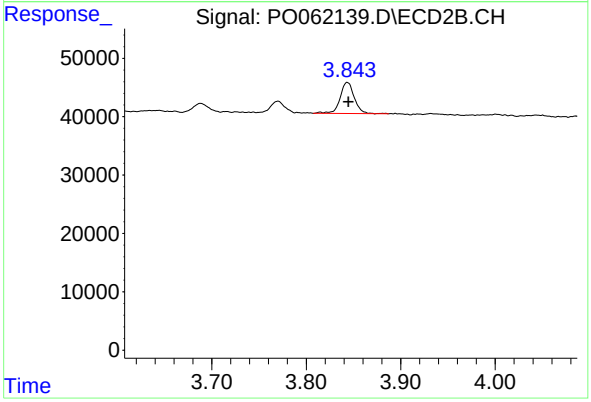

#7 AR-1016-5

R.T.: 4.961 min
Delta R.T.: -0.002 min
Response: 30545
Conc: 23.69 ng/ml



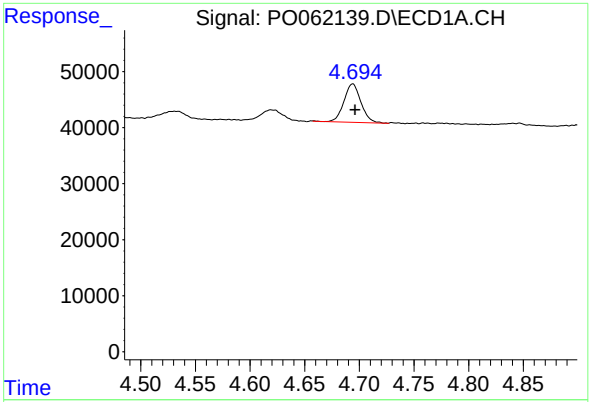

#10 AR-1221-3

R.T.: 4.694 min
Delta R.T.: -0.002 min
Response: 74067
Conc: 45.37 ng/ml




#10 AR-1221-3

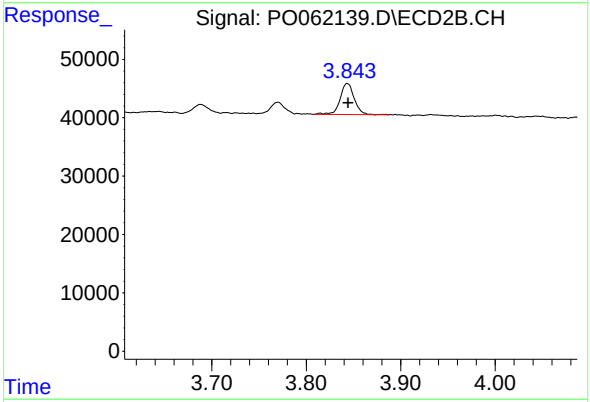
R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 55486
Conc: 47.15 ng/ml




#11 AR-1232-1

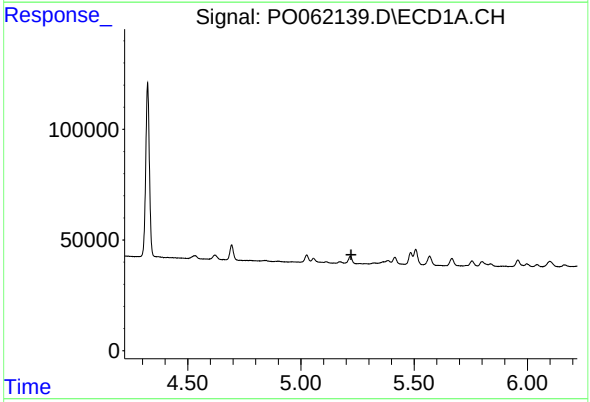
R.T.: 4.694 min
Delta R.T.: -0.002 min
Response: 74067
Conc: 33.91 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019



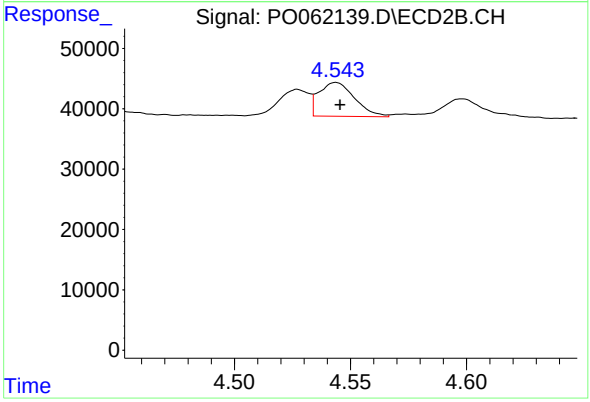

#11 AR-1232-1

R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 55486
Conc: 35.81 ng/ml



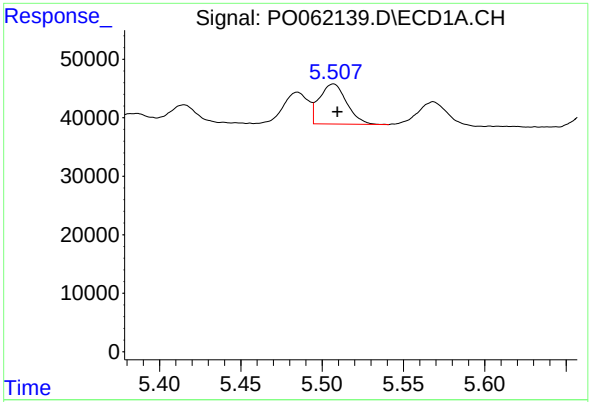

#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.221 min
Response: 0
Conc: N.D.




#12 AR-1232-2

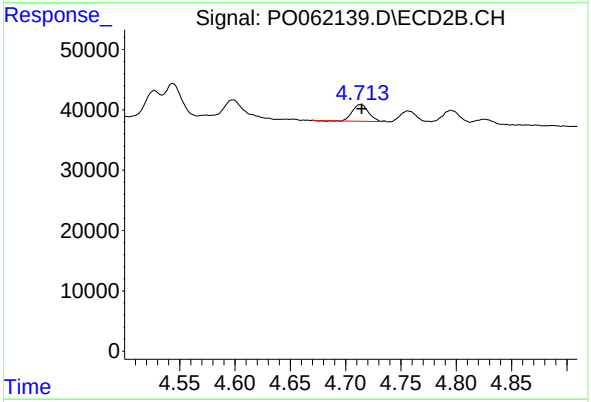
R.T.: 4.544 min
Delta R.T.: -0.002 min
Response: 60186
Conc: 34.86 ng/ml




#13 AR-1232-3

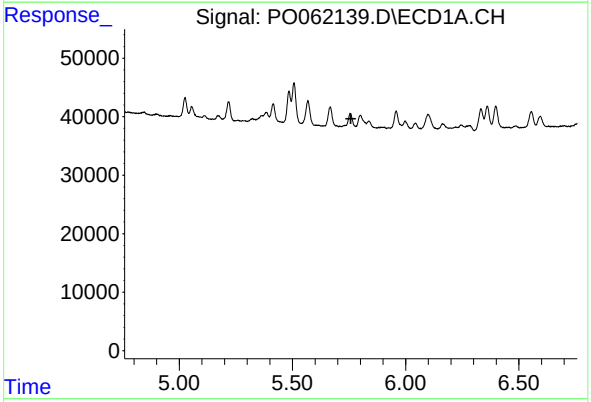
R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 80402
Conc: 31.43 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019



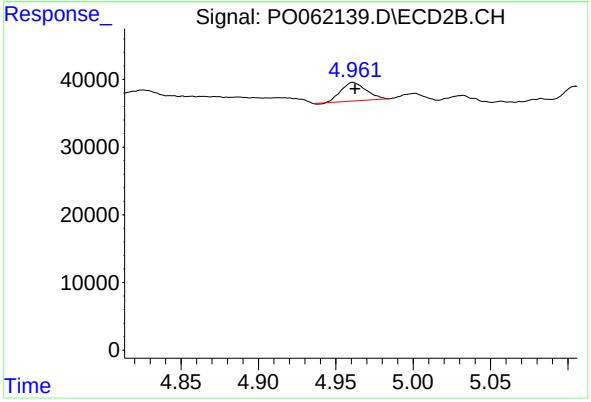

#13 AR-1232-3

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 28742
Conc: 31.45 ng/ml



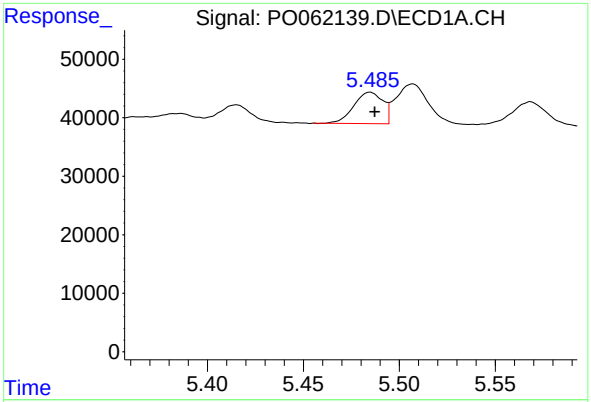

#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.




#15 AR-1232-5

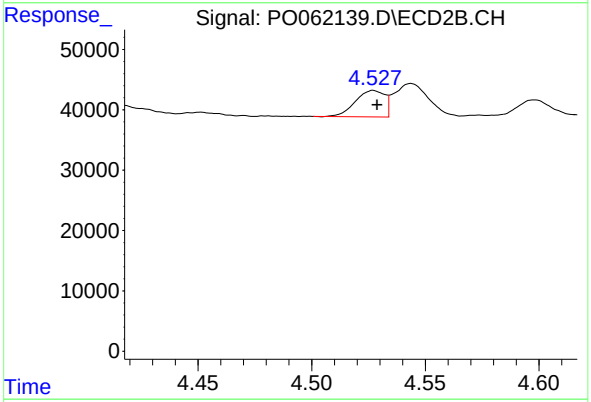
R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 30545
Conc: 34.59 ng/ml




#16 AR-1242-1

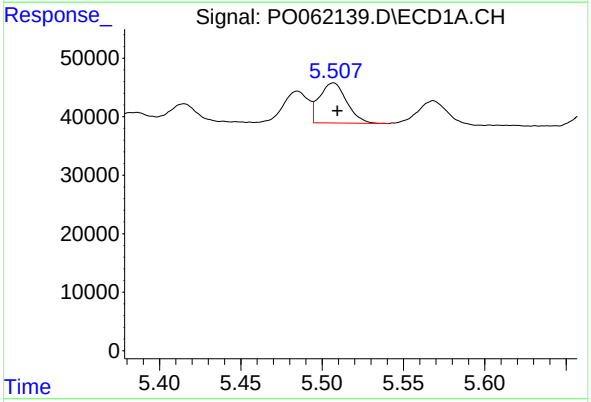
R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 56938
Conc: 30.73 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019



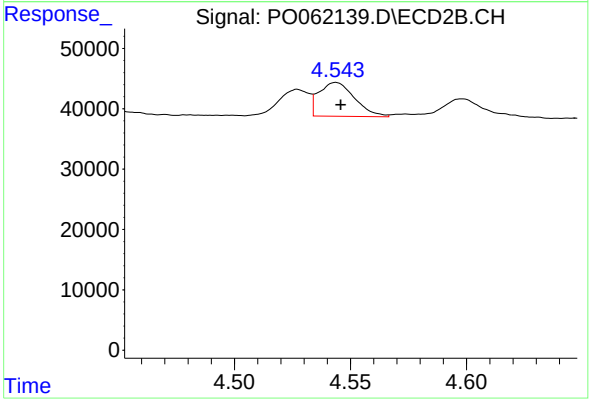

#16 AR-1242-1

R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 39222
Conc: 32.61 ng/ml



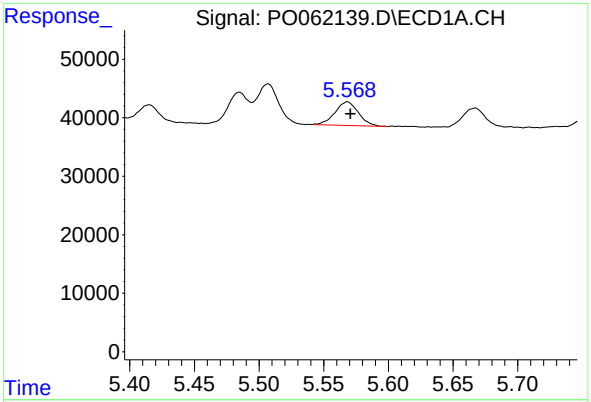

#17 AR-1242-2

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 80402
Conc: 30.31 ng/ml




#17 AR-1242-2

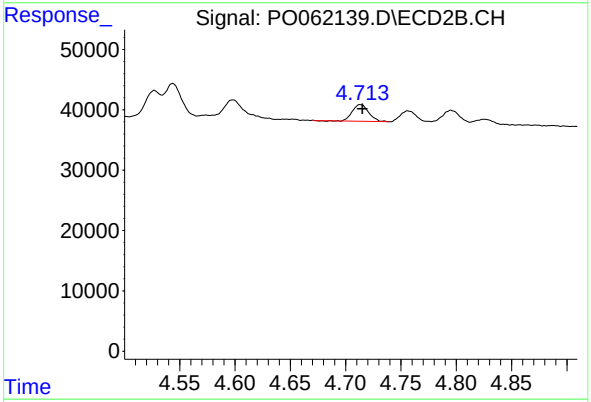
R.T.: 4.544 min
Delta R.T.: -0.002 min
Response: 60186
Conc: 33.79 ng/ml




#18 AR-1242-3

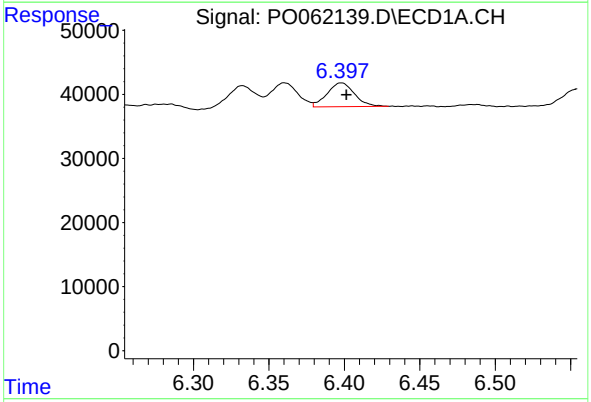
R.T.: 5.568 min
Delta R.T.: -0.002 min
Response: 51153
Conc: 31.32 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019



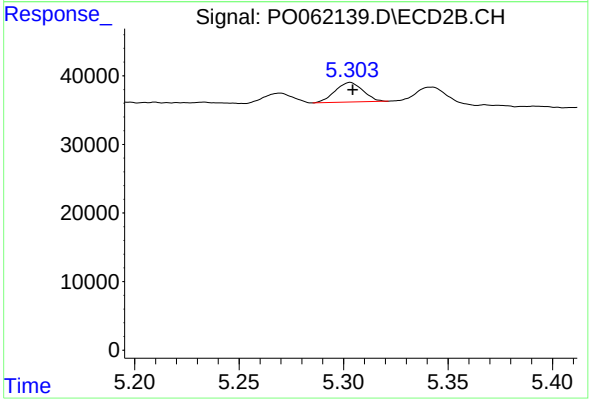

#18 AR-1242-3

R.T.: 4.713 min
Delta R.T.: -0.002 min
Response: 28742
Conc: 30.19 ng/ml



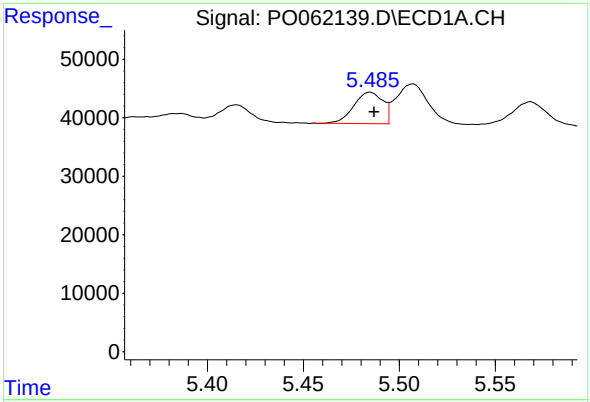

#20 AR-1242-5

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 46991
Conc: 30.74 ng/ml




#20 AR-1242-5

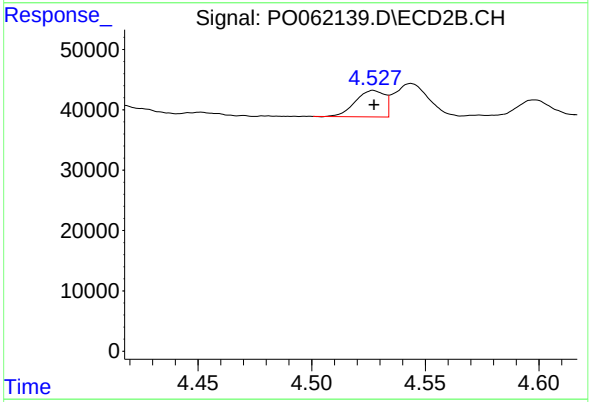
R.T.: 5.303 min
Delta R.T.: -0.001 min
Response: 26380
Conc: 22.11 ng/ml




#21 AR-1248-1

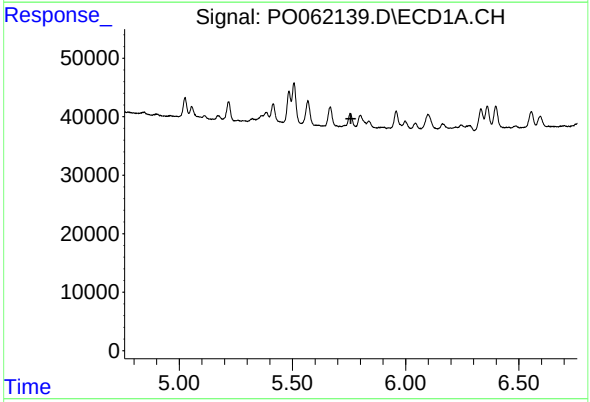
R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 56938
Conc: 39.73 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019



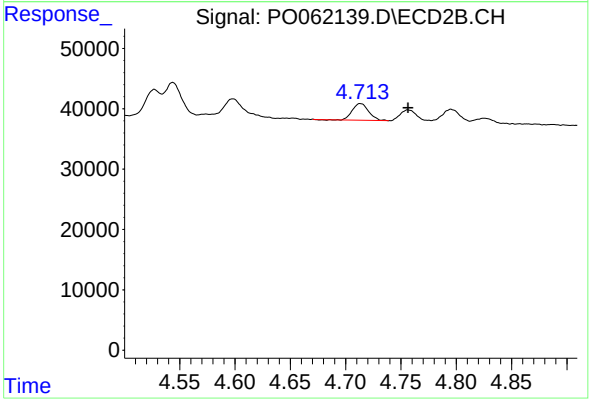

#21 AR-1248-1

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 39222
Conc: 39.95 ng/ml



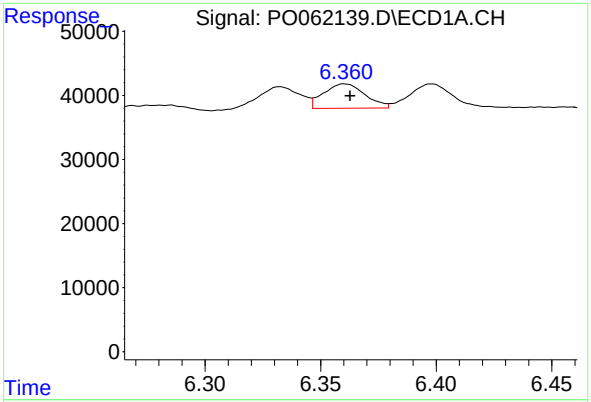

#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.758 min
Response: 0
Conc: N.D.




#22 AR-1248-2

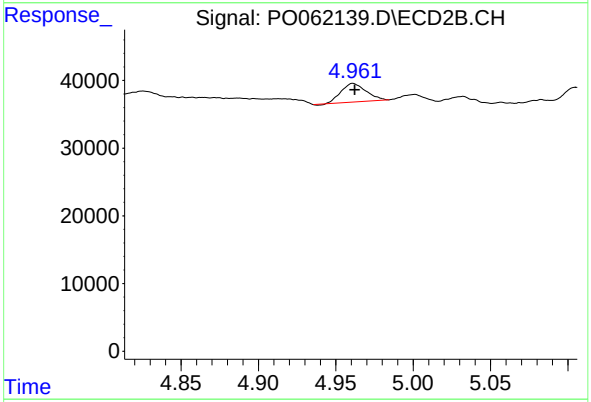
R.T.: 4.713 min
Delta R.T.: -0.043 min
Response: 28742
Conc: 22.69 ng/ml




#24 AR-1248-4

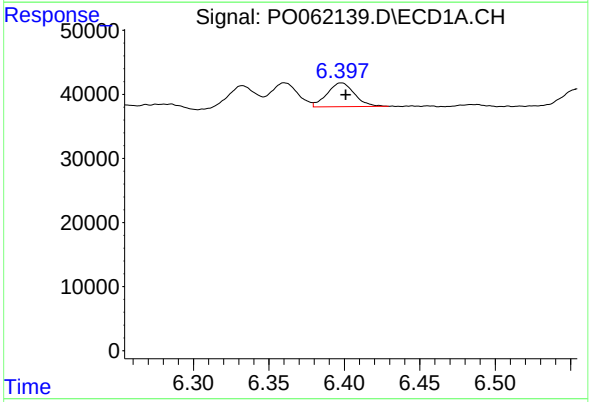
R.T.: 6.360 min
Delta R.T.: -0.002 min
Response: 47424
Conc: 18.56 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019



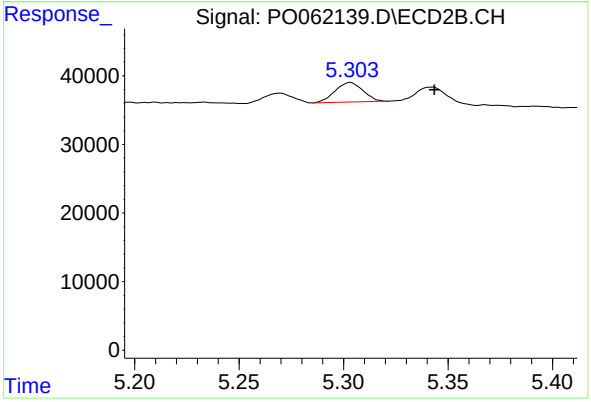

#24 AR-1248-4

R.T.: 4.961 min
Delta R.T.: -0.001 min
Response: 30545
Conc: 19.30 ng/ml



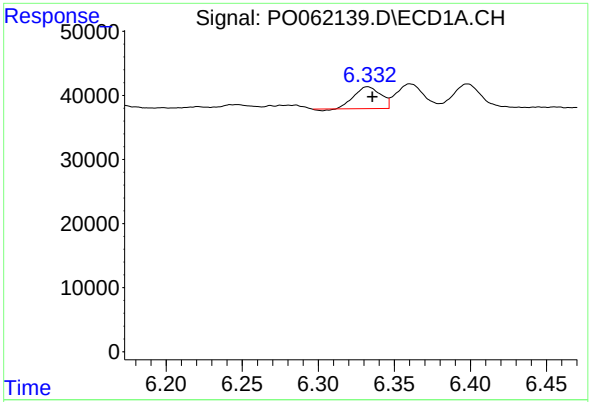

#25 AR-1248-5

R.T.: 6.398 min
Delta R.T.: -0.003 min
Response: 46991
Conc: 19.22 ng/ml




#25 AR-1248-5

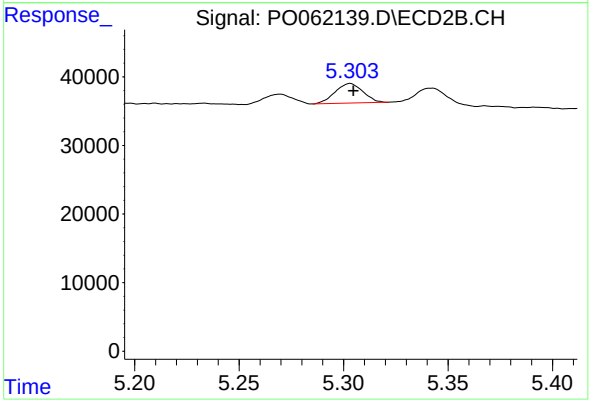
R.T.: 5.303 min
Delta R.T.: -0.040 min
Response: 26380
Conc: 17.14 ng/ml




#26 AR-1254-1

R.T.: 6.332 min
Delta R.T.: -0.003 min
Response: 41607
Conc: 15.61 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2019




#26 AR-1254-1

R.T.: 5.303 min
Delta R.T.: -0.002 min
Response: 26380
Conc: 10.79 ng/ml