

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041119\  
 Data File : P0055162.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Apr 2019 18:46  
 Operator : SM/SJ  
 Sample : K1560-07  
 Misc : AR1262 LOD 25PPB  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2019

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 12 02:39:20 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0032519.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Mar 25 17:22:26 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... | 4.293 | 3.605 | 729254  | 662624 | 21.013 | 20.764   |
| 2)                          | SA Decachlor... | 9.905 | 8.571 | 1082901 | 694446 | 21.967 | 21.805   |
| Target Compounds            |                 |       |       |         |        |        |          |
| 8)                          | L2 AR-1221-1    | 0.000 | 3.903 | 0       | 10982  | N.D.   | 28.247 # |
| 9)                          | L2 AR-1221-2    | 4.596 | 3.903 | 11798   | 10982  | 34.790 | 36.633   |
| 20)                         | L4 AR-1242-5    | 0.000 | 5.477 | 0       | 9390   | N.D.   | 7.635 #  |
| 24)                         | L5 AR-1248-4    | 6.304 | 0.000 | 10113   | 0      | 5.383  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.477 | 0       | 9390   | N.D.   | 6.298 #  |
| 26)                         | L6 AR-1254-1    | 6.304 | 5.477 | 10113   | 9390   | 5.577  | 4.297    |
| 27)                         | L6 AR-1254-2    | 6.519 | 5.624 | 14986   | 12517  | 5.250  | 6.455    |
| 28)                         | L6 AR-1254-3    | 6.890 | 6.040 | 12147   | 45698  | 3.863  | 14.255 # |
| 29)                         | L6 AR-1254-4    | 7.235 | 6.340 | 9269    | 85750  | 3.789  | 43.796 # |
| 30)                         | L6 AR-1254-5    | 7.583 | 6.704 | 69867   | 112307 | 26.067 | 39.067 # |
| 31)                         | L7 AR-1260-1    | 7.047 | 6.154 | 72521   | 67746  | 28.862 | 29.480   |
| 32)                         | L7 AR-1260-2    | 7.304 | 6.340 | 87623   | 85750  | 28.233 | 31.151   |
| 33)                         | L7 AR-1260-3    | 7.662 | 6.496 | 112713  | 80284  | 45.924 | 31.143 # |
| 34)                         | L7 AR-1260-4    | 7.886 | 6.962 | 110350  | 98989  | 39.895 | 46.514   |
| 35)                         | L7 AR-1260-5    | 8.195 | 7.202 | 186875  | 178033 | 33.680 | 37.173   |
| 36)                         | L8 AR-1262-1    | 7.662 | 6.704 | 112713  | 112307 | 33.827 | 37.751   |
| 37)                         | L8 AR-1262-2    | 8.195 | 7.202 | 186875  | 178033 | 31.543 | 36.325   |
| 38)                         | L8 AR-1262-3    | 8.491 | 7.484 | 138890  | 72635  | 33.526 | 35.372   |
| 39)                         | L8 AR-1262-4    | 8.574 | 7.548 | 105589  | 129038 | 32.772 | 35.625   |
| 40)                         | L8 AR-1262-5    | 9.200 | 8.040 | 67264   | 54738  | 30.767 | 33.917   |
| 41)                         | L9 AR-1268-1    | 8.491 | 7.484 | 138890  | 72635  | 19.514 | 12.846 # |
| 42)                         | L9 AR-1268-2    | 8.574 | 7.548 | 105589  | 129038 | 16.115 | 24.951 # |
| 43)                         | L9 AR-1268-3    | 8.793 | 7.756 | 15019   | 9074   | 2.757  | 2.109    |
| 44)                         | L9 AR-1268-4    | 9.200 | 8.040 | 67264   | 54738  | 28.194 | 29.527   |
| 45)                         | L9 AR-1268-5    | 9.590 | 0.000 | 33497   | 0      | 2.033  | N.D. #   |
| -----                       |                 |       |       |         |        |        |          |

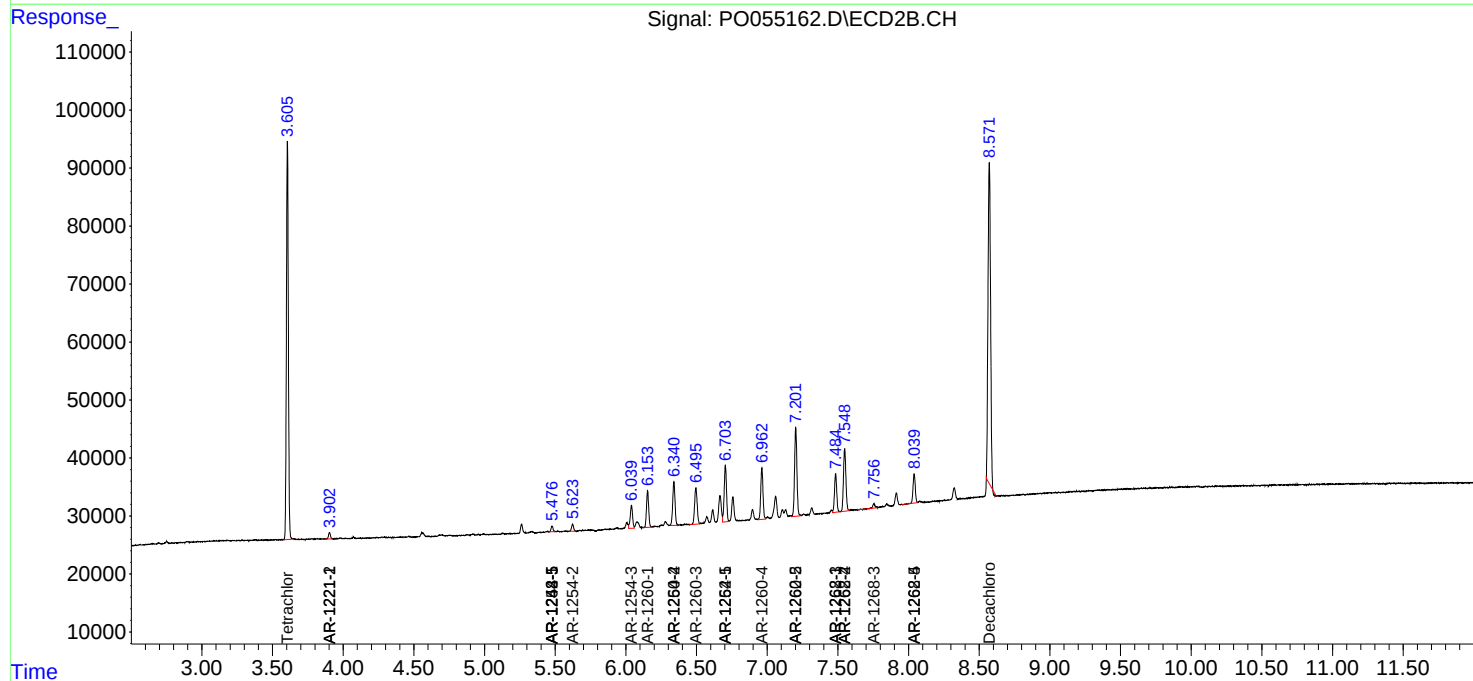
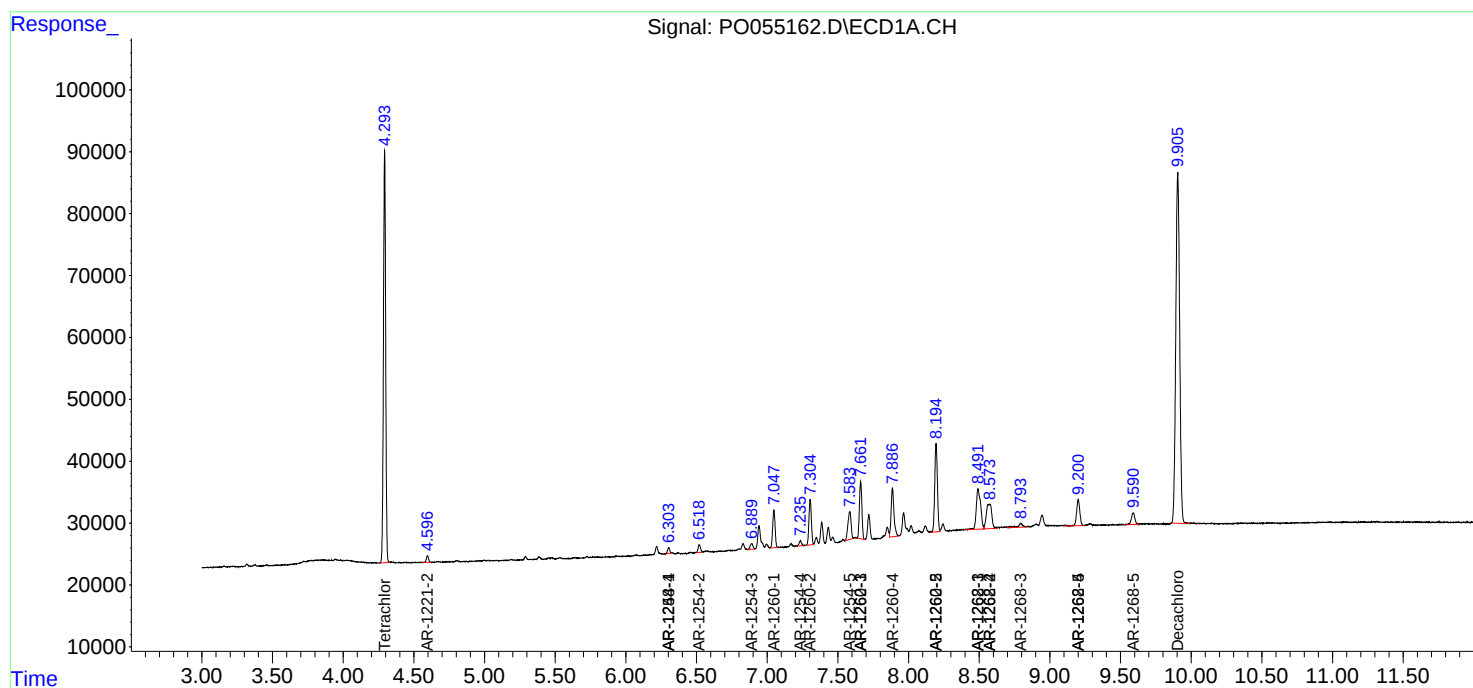
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

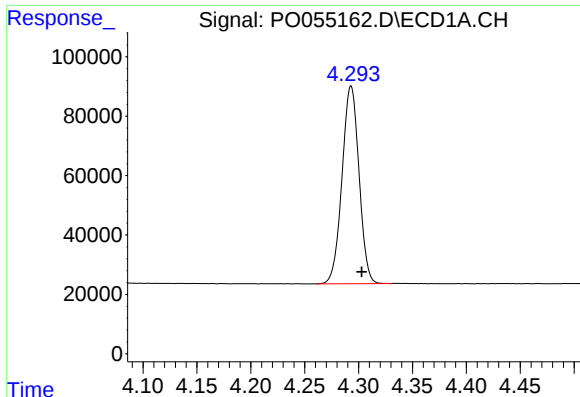
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041119\  
Data File : P0055162.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Apr 2019 18:46  
Operator : SM/SJ  
Sample : K1560-07  
Misc : AR1262 LOD 25PPB  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 12 02:39:20 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0032519.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Mar 25 17:22:26 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

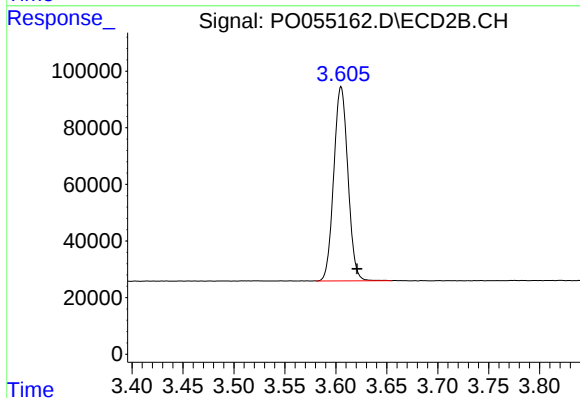




#1 Tetrachloro-m-xylene

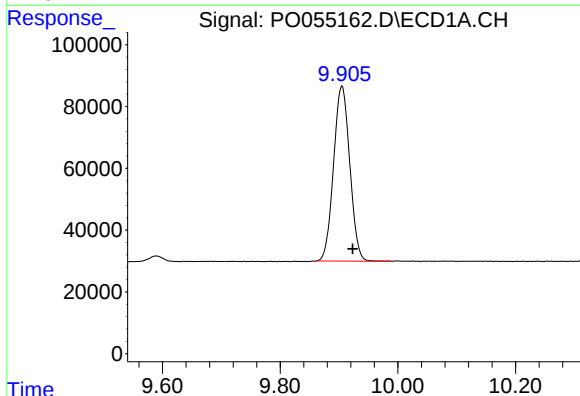
R.T.: 4.293 min  
Delta R.T.: -0.010 min  
Response: 729254  
Conc: 21.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



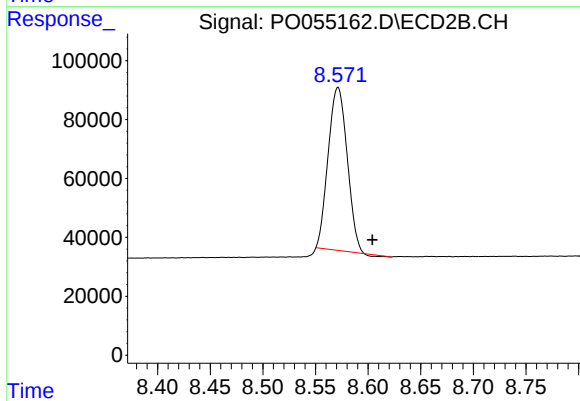
#1 Tetrachloro-m-xylene

R.T.: 3.605 min  
Delta R.T.: -0.016 min  
Response: 662624  
Conc: 20.76 ng/ml



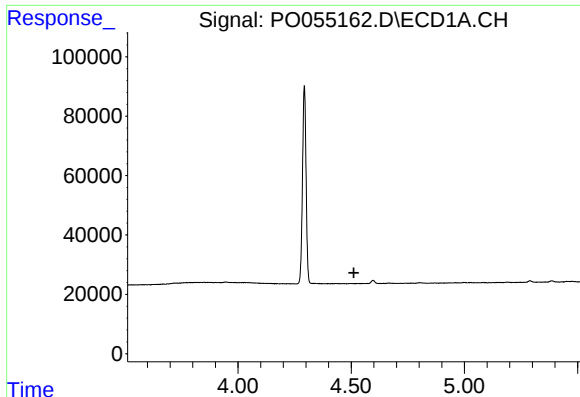
#2 Decachlorobiphenyl

R.T.: 9.905 min  
Delta R.T.: -0.018 min  
Response: 1082901  
Conc: 21.97 ng/ml



#2 Decachlorobiphenyl

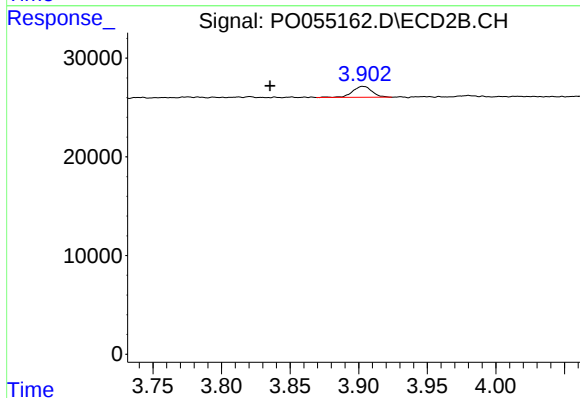
R.T.: 8.571 min  
Delta R.T.: -0.033 min  
Response: 694446  
Conc: 21.80 ng/ml



#8 AR-1221-1

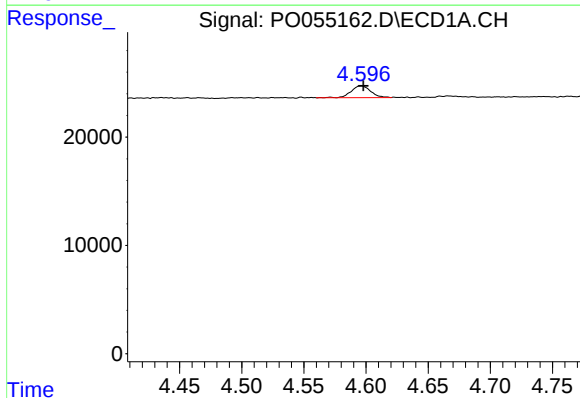
R.T.: 0.000 min  
Exp R.T.: 4.512 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



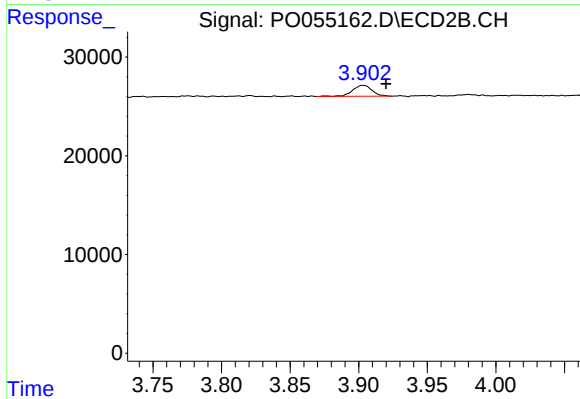
#8 AR-1221-1

R.T.: 3.903 min  
Delta R.T.: 0.067 min  
Response: 10982  
Conc: 28.25 ng/ml



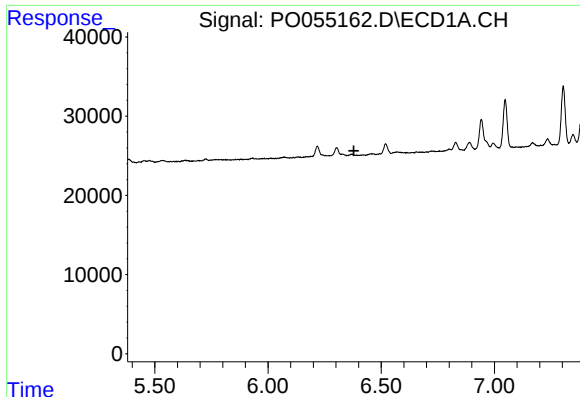
#9 AR-1221-2

R.T.: 4.596 min  
Delta R.T.: -0.002 min  
Response: 11798  
Conc: 34.79 ng/ml



#9 AR-1221-2

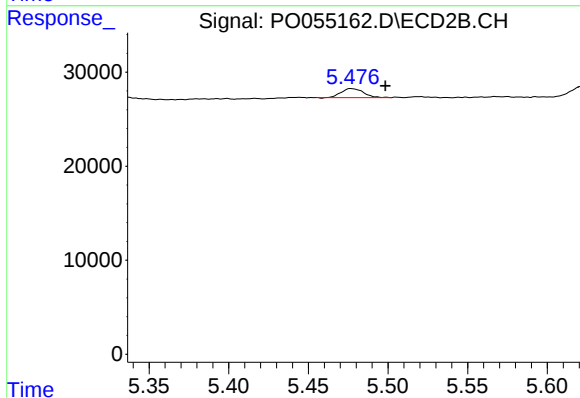
R.T.: 3.903 min  
Delta R.T.: -0.017 min  
Response: 10982  
Conc: 36.63 ng/ml



#20 AR-1242-5

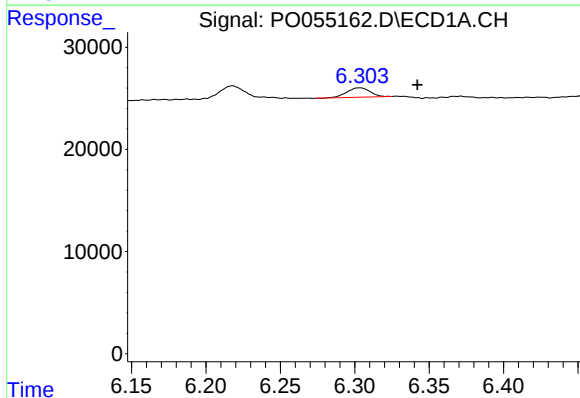
R.T.: 0.000 min  
Exp R.T.: 6.379 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



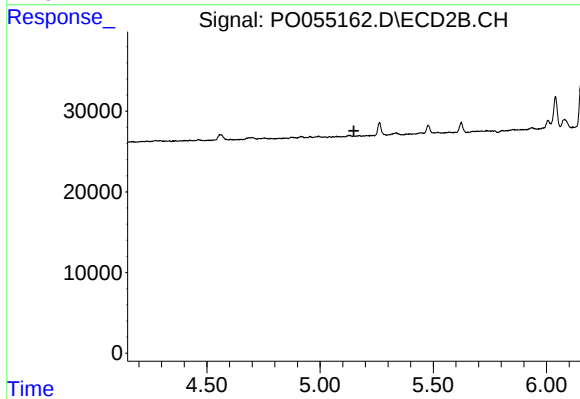
#20 AR-1242-5

R.T.: 5.477 min  
Delta R.T.: -0.022 min  
Response: 9390  
Conc: 7.63 ng/ml



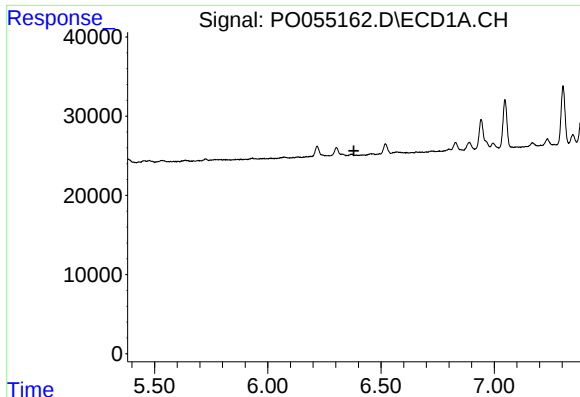
#24 AR-1248-4

R.T.: 6.304 min  
Delta R.T.: -0.039 min  
Response: 10113  
Conc: 5.38 ng/ml



#24 AR-1248-4

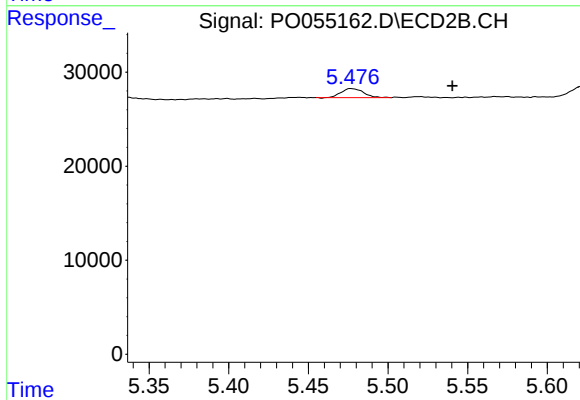
R.T.: 0.000 min  
Exp R.T.: 5.149 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

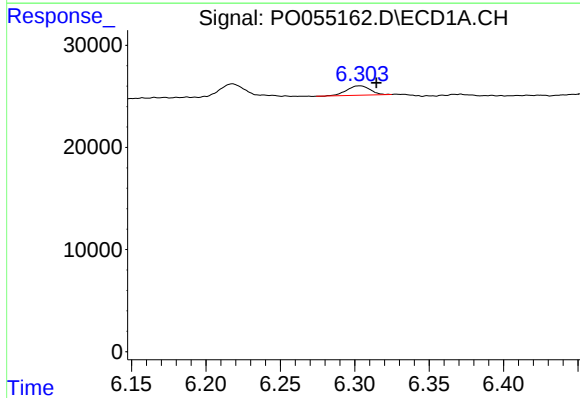
R.T.: 0.000 min  
Exp R.T.: 6.380 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



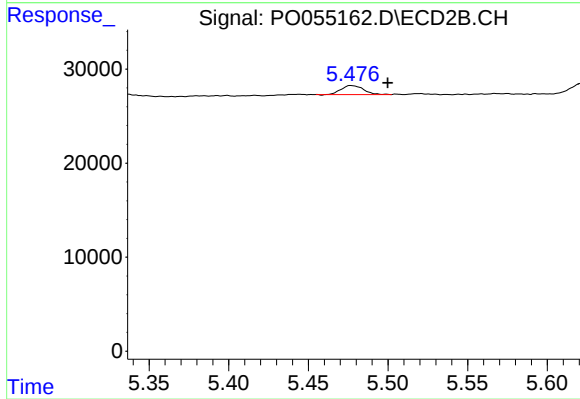
#25 AR-1248-5

R.T.: 5.477 min  
Delta R.T.: -0.064 min  
Response: 9390  
Conc: 6.30 ng/ml



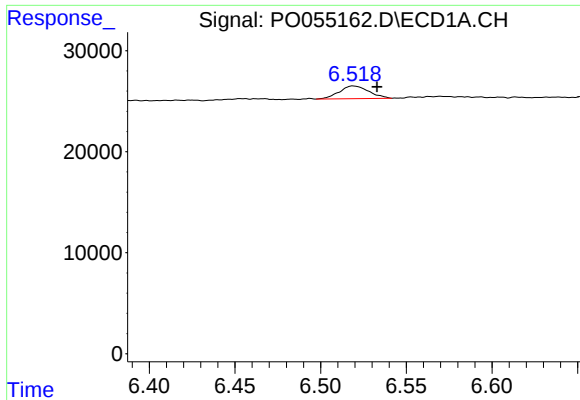
#26 AR-1254-1

R.T.: 6.304 min  
Delta R.T.: -0.011 min  
Response: 10113  
Conc: 5.58 ng/ml



#26 AR-1254-1

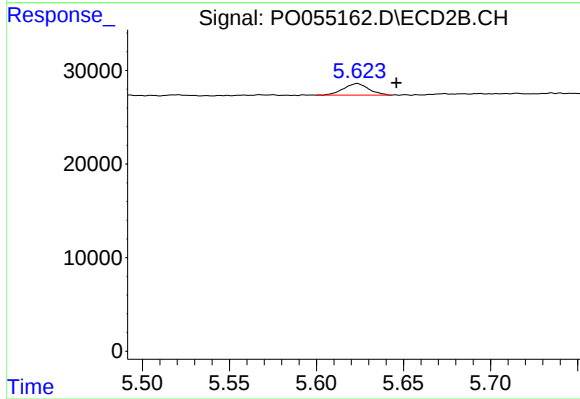
R.T.: 5.477 min  
Delta R.T.: -0.023 min  
Response: 9390  
Conc: 4.30 ng/ml



#27 AR-1254-2

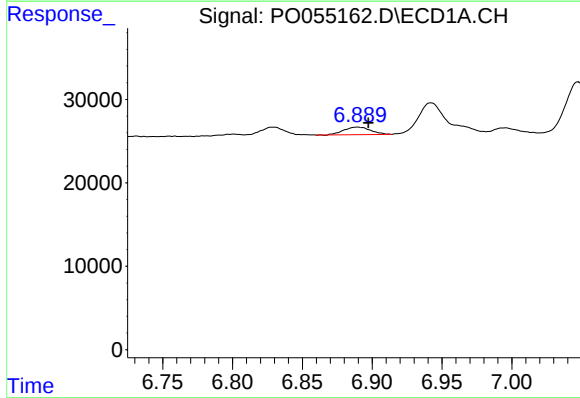
R.T.: 6.519 min  
Delta R.T.: -0.014 min  
Response: 14986  
Conc: 5.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



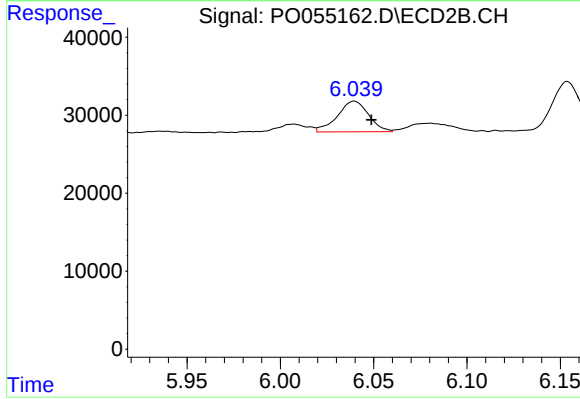
#27 AR-1254-2

R.T.: 5.624 min  
Delta R.T.: -0.022 min  
Response: 12517  
Conc: 6.46 ng/ml



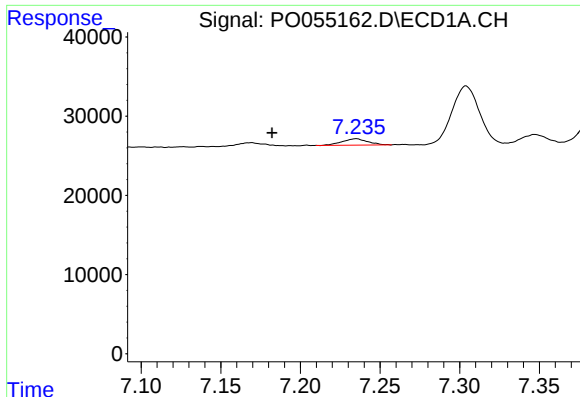
#28 AR-1254-3

R.T.: 6.890 min  
Delta R.T.: -0.007 min  
Response: 12147  
Conc: 3.86 ng/ml



#28 AR-1254-3

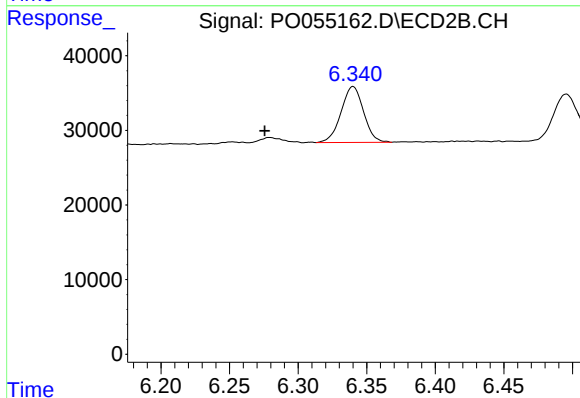
R.T.: 6.040 min  
Delta R.T.: -0.009 min  
Response: 45698  
Conc: 14.26 ng/ml



#29 AR-1254-4

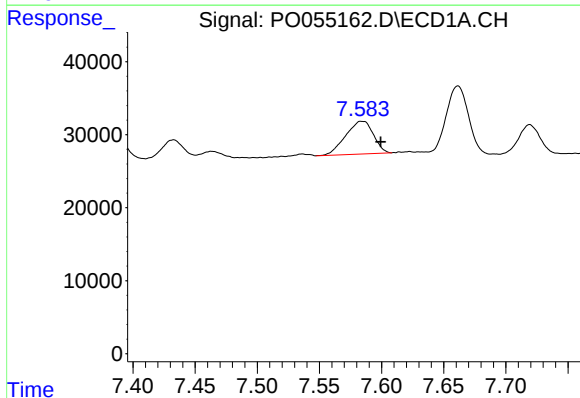
R.T.: 7.235 min  
Delta R.T.: 0.053 min  
Response: 9269  
Conc: 3.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



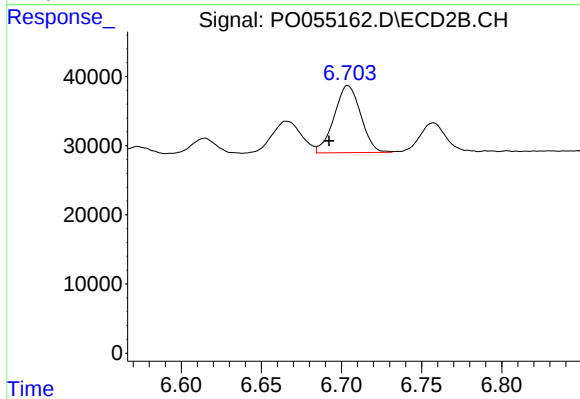
#29 AR-1254-4

R.T.: 6.340 min  
Delta R.T.: 0.064 min  
Response: 85750  
Conc: 43.80 ng/ml



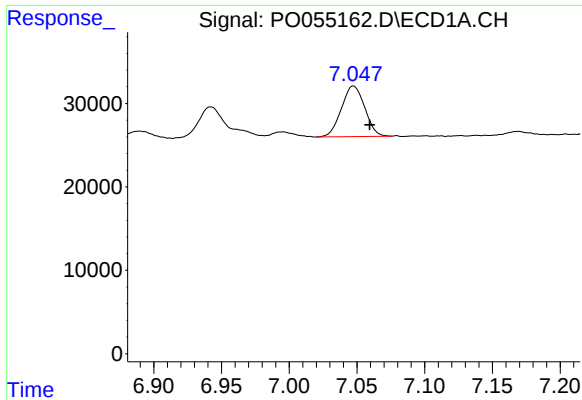
#30 AR-1254-5

R.T.: 7.583 min  
Delta R.T.: -0.016 min  
Response: 69867  
Conc: 26.07 ng/ml



#30 AR-1254-5

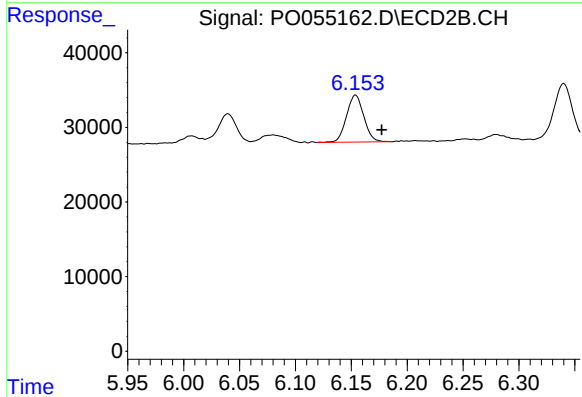
R.T.: 6.704 min  
Delta R.T.: 0.012 min  
Response: 112307  
Conc: 39.07 ng/ml



#31 AR-1260-1

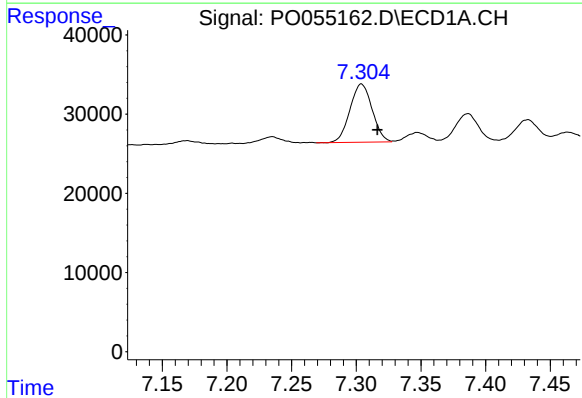
R.T.: 7.047 min  
Delta R.T.: -0.012 min  
Response: 72521  
Conc: 28.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



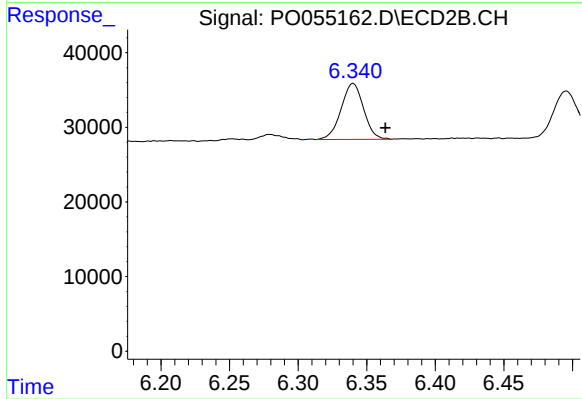
#31 AR-1260-1

R.T.: 6.154 min  
Delta R.T.: -0.024 min  
Response: 67746  
Conc: 29.48 ng/ml



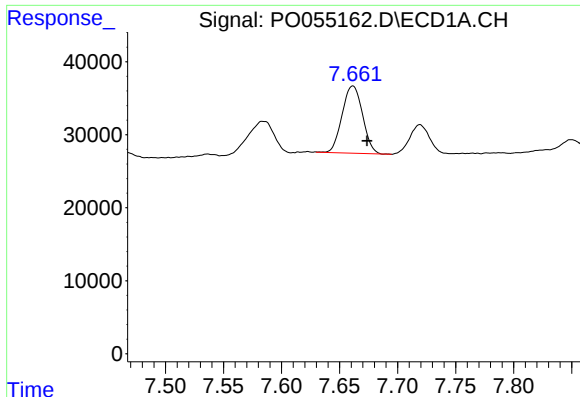
#32 AR-1260-2

R.T.: 7.304 min  
Delta R.T.: -0.012 min  
Response: 87623  
Conc: 28.23 ng/ml



#32 AR-1260-2

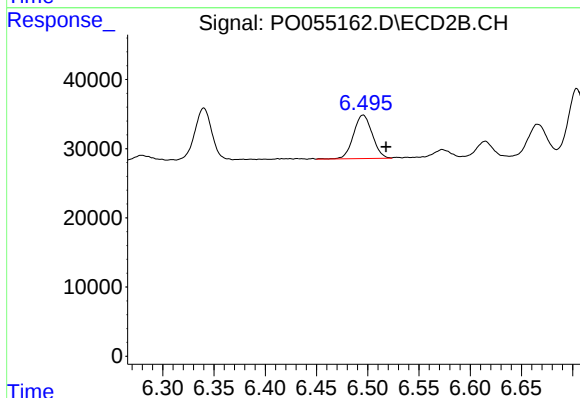
R.T.: 6.340 min  
Delta R.T.: -0.023 min  
Response: 85750  
Conc: 31.15 ng/ml



#33 AR-1260-3

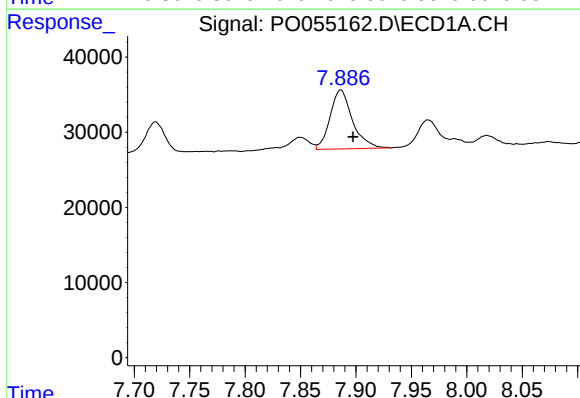
R.T.: 7.662 min  
Delta R.T.: -0.012 min  
Response: 112713  
Conc: 45.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



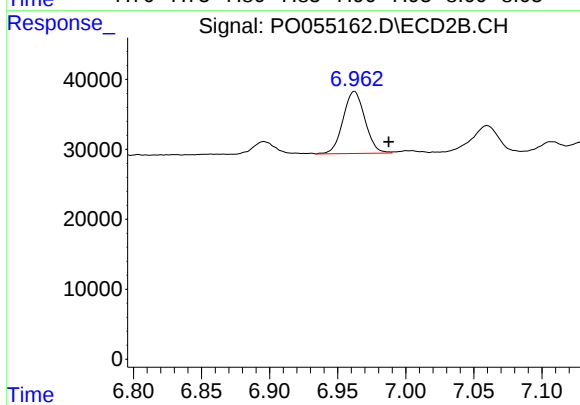
#33 AR-1260-3

R.T.: 6.496 min  
Delta R.T.: -0.022 min  
Response: 80284  
Conc: 31.14 ng/ml



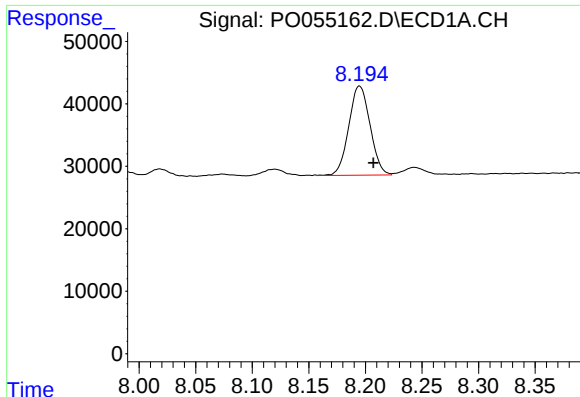
#34 AR-1260-4

R.T.: 7.886 min  
Delta R.T.: -0.011 min  
Response: 110350  
Conc: 39.89 ng/ml



#34 AR-1260-4

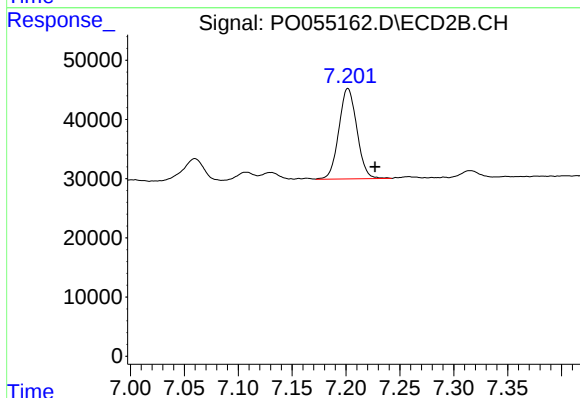
R.T.: 6.962 min  
Delta R.T.: -0.025 min  
Response: 98989  
Conc: 46.51 ng/ml



#35 AR-1260-5

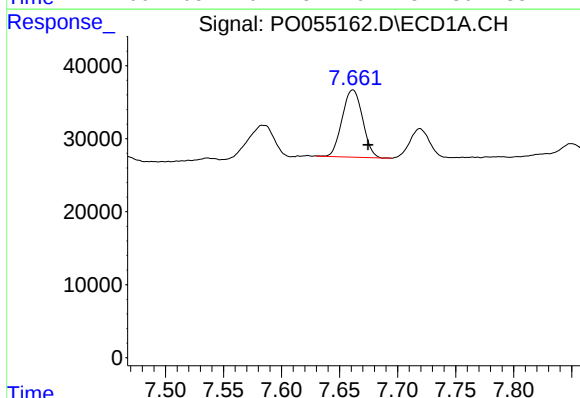
R.T.: 8.195 min  
Delta R.T.: -0.012 min  
Response: 186875  
Conc: 33.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



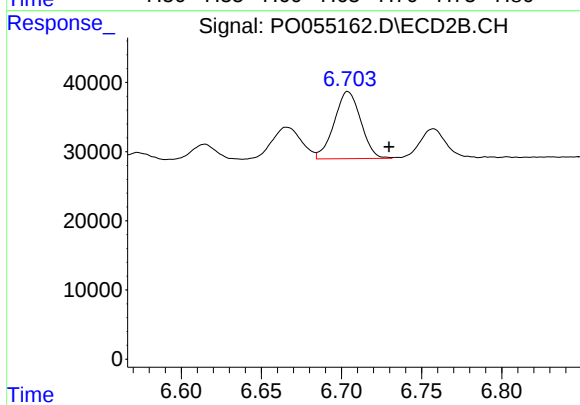
#35 AR-1260-5

R.T.: 7.202 min  
Delta R.T.: -0.025 min  
Response: 178033  
Conc: 37.17 ng/ml



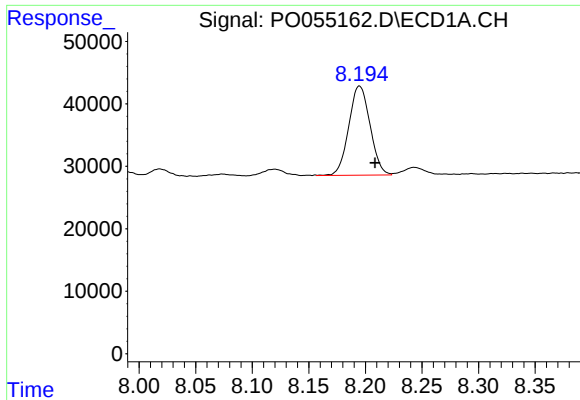
#36 AR-1262-1

R.T.: 7.662 min  
Delta R.T.: -0.013 min  
Response: 112713  
Conc: 33.83 ng/ml



#36 AR-1262-1

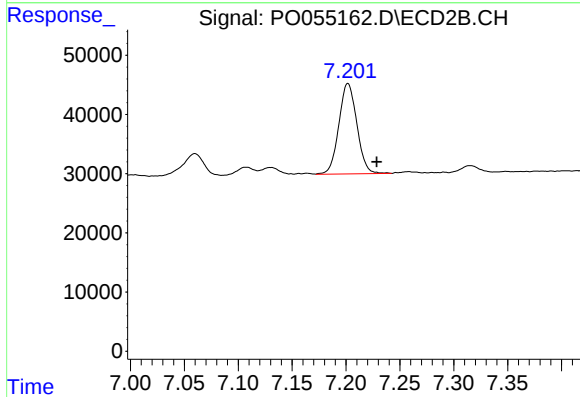
R.T.: 6.704 min  
Delta R.T.: -0.026 min  
Response: 112307  
Conc: 37.75 ng/ml



#37 AR-1262-2

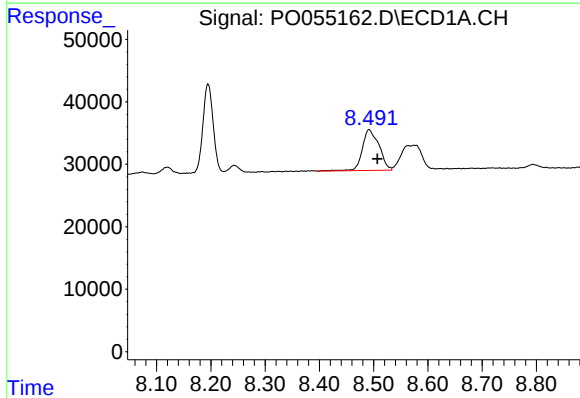
R.T.: 8.195 min  
Delta R.T.: -0.014 min  
Response: 186875  
Conc: 31.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



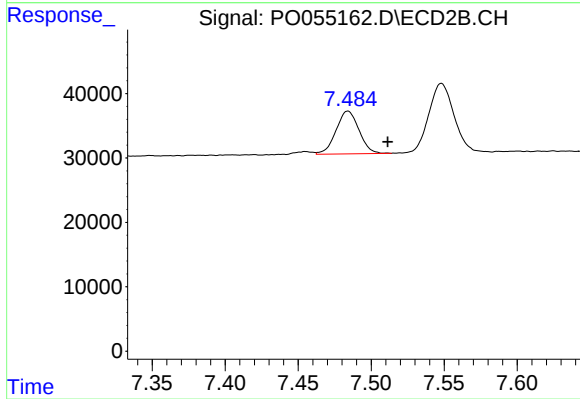
#37 AR-1262-2

R.T.: 7.202 min  
Delta R.T.: -0.027 min  
Response: 178033  
Conc: 36.32 ng/ml



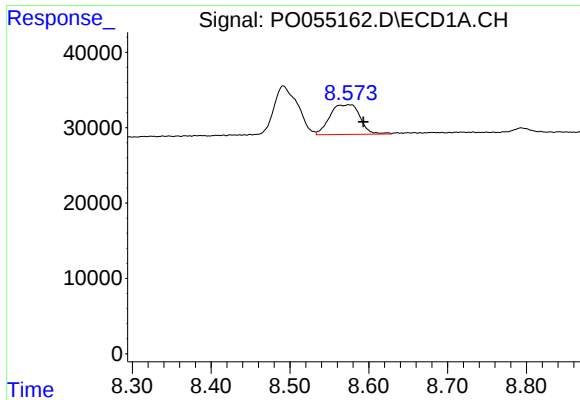
#38 AR-1262-3

R.T.: 8.491 min  
Delta R.T.: -0.015 min  
Response: 138890  
Conc: 33.53 ng/ml



#38 AR-1262-3

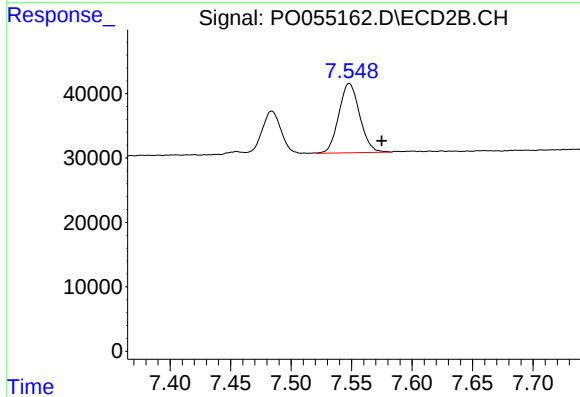
R.T.: 7.484 min  
Delta R.T.: -0.027 min  
Response: 72635  
Conc: 35.37 ng/ml



#39 AR-1262-4

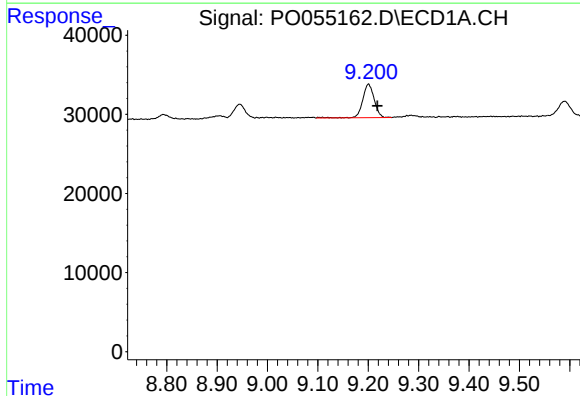
R.T.: 8.574 min  
Delta R.T.: -0.019 min  
Response: 105589  
Conc: 32.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



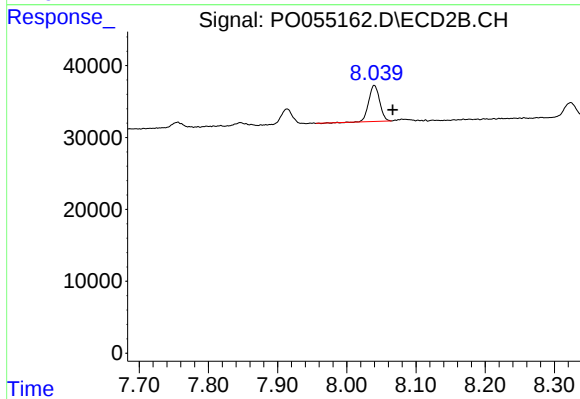
#39 AR-1262-4

R.T.: 7.548 min  
Delta R.T.: -0.027 min  
Response: 129038  
Conc: 35.62 ng/ml



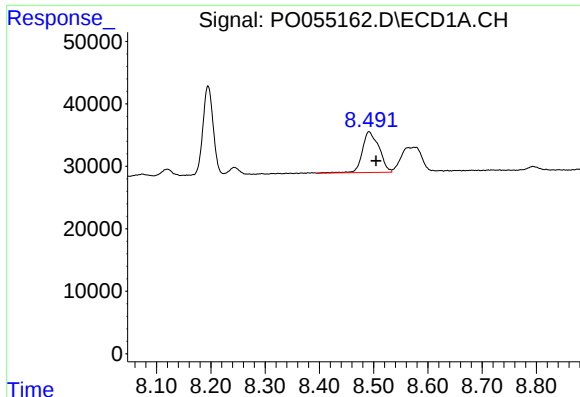
#40 AR-1262-5

R.T.: 9.200 min  
Delta R.T.: -0.018 min  
Response: 67264  
Conc: 30.77 ng/ml



#40 AR-1262-5

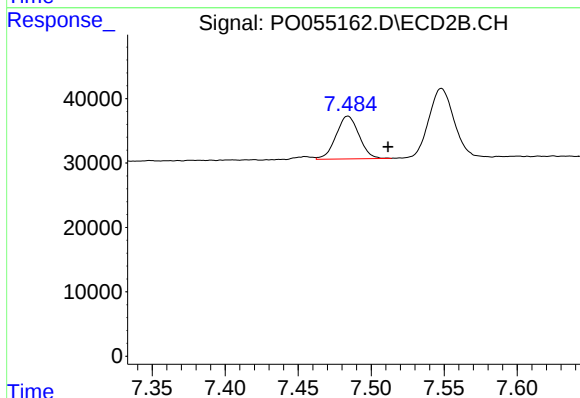
R.T.: 8.040 min  
Delta R.T.: -0.027 min  
Response: 54738  
Conc: 33.92 ng/ml



#41 AR-1268-1

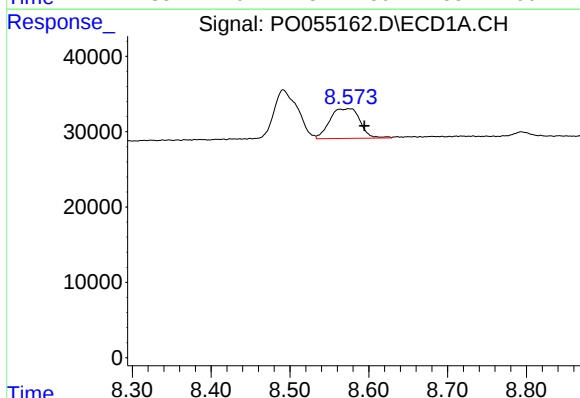
R.T.: 8.491 min  
Delta R.T.: -0.013 min  
Response: 138890  
Conc: 19.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



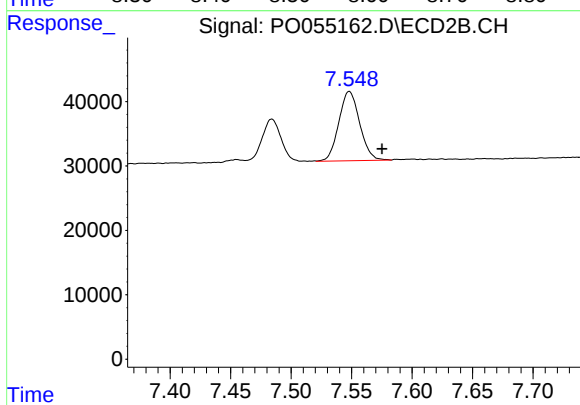
#41 AR-1268-1

R.T.: 7.484 min  
Delta R.T.: -0.027 min  
Response: 72635  
Conc: 12.85 ng/ml



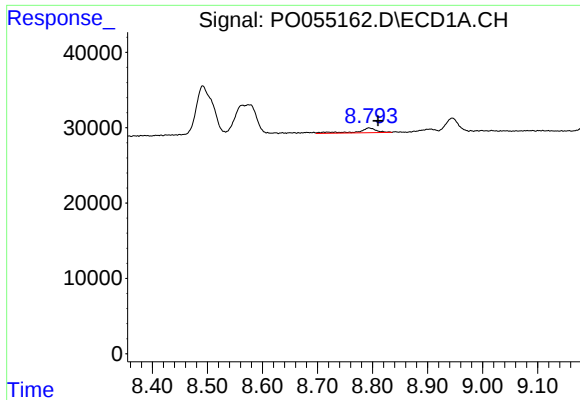
#42 AR-1268-2

R.T.: 8.574 min  
Delta R.T.: -0.020 min  
Response: 105589  
Conc: 16.12 ng/ml



#42 AR-1268-2

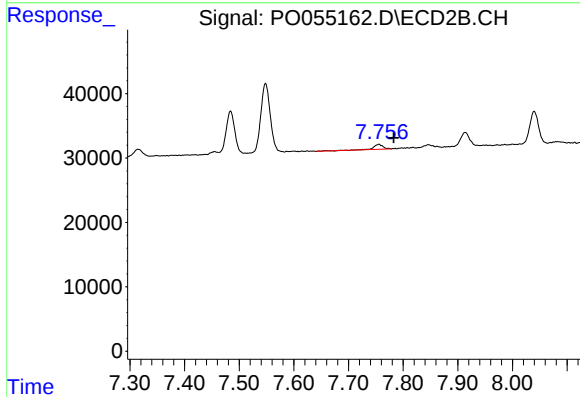
R.T.: 7.548 min  
Delta R.T.: -0.027 min  
Response: 129038  
Conc: 24.95 ng/ml



#43 AR-1268-3

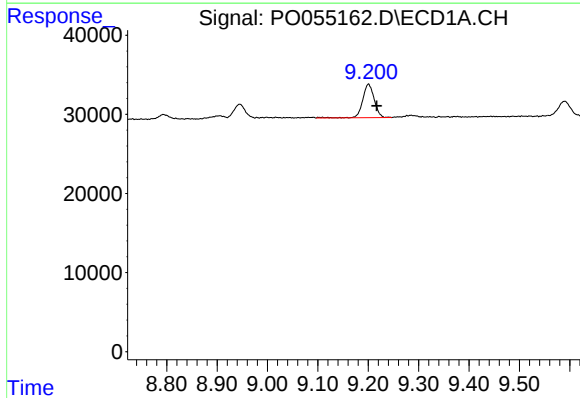
R.T.: 8.793 min  
Delta R.T.: -0.017 min  
Response: 15019  
Conc: 2.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



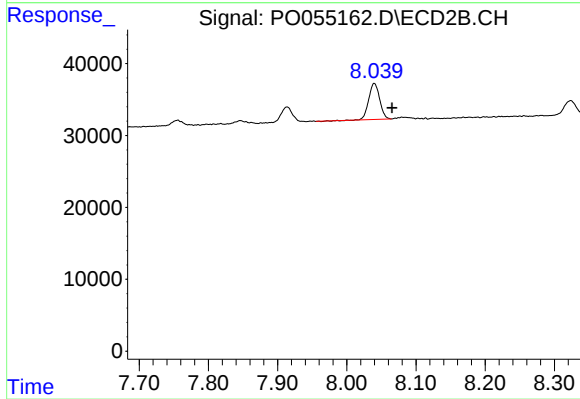
#43 AR-1268-3

R.T.: 7.756 min  
Delta R.T.: -0.027 min  
Response: 9074  
Conc: 2.11 ng/ml



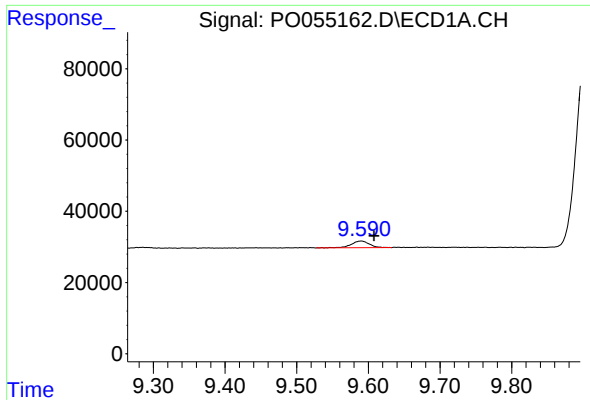
#44 AR-1268-4

R.T.: 9.200 min  
Delta R.T.: -0.017 min  
Response: 67264  
Conc: 28.19 ng/ml



#44 AR-1268-4

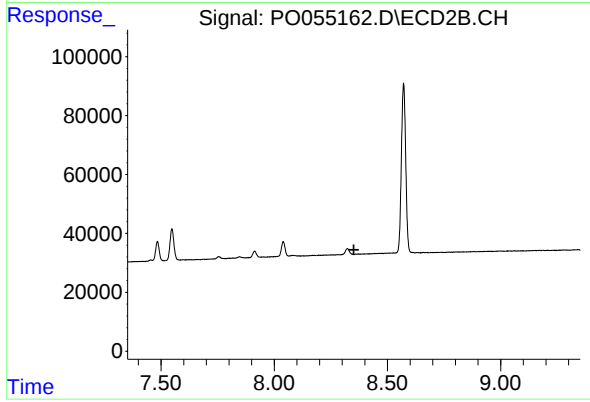
R.T.: 8.040 min  
Delta R.T.: -0.026 min  
Response: 54738  
Conc: 29.53 ng/ml



#45 AR-1268-5

R.T.: 9.590 min  
Delta R.T.: -0.018 min  
Response: 33497  
Conc: 2.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2019



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.352 min  
Response: 0  
Conc: N.D.