

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0091319\  
 Data File : P0060789.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 13 Sep 2019 21:52  
 Operator : SM/AJ  
 Sample : K4859-04  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 IDW-GW807-091119

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 14 00:22:57 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0091319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Sep 14 00:06:36 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

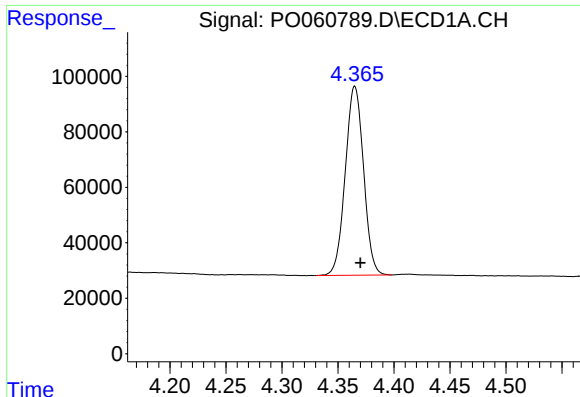
Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1 | Resp#2 | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|-------|--------|--------|---------|----------|
| -----                       |                 |        |       |        |        |         |          |
| System Monitoring Compounds |                 |        |       |        |        |         |          |
| 1)                          | SA Tetrachlo... | 4.365  | 3.530 | 773467 | 610746 | 21.023  | 21.873   |
| 2)                          | SA Decachlor... | 10.022 | 8.408 | 960462 | 738666 | 20.904  | 21.074   |
| Target Compounds            |                 |        |       |        |        |         |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.653 | 0      | 7436   | N.D.    | 6.015 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.653 | 0      | 7436   | N.D.    | 4.371 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.737 | 0      | 322    | N.D.    | 0.332 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 4.979 | 0      | 6520   | N.D.    | 6.225 #  |
| 8)                          | L2 AR-1221-1    | 0.000  | 3.689 | 0      | 557    | N.D.    | 1.572 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.819 | 0      | 12061  | N.D.    | 42.916 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.947 | 0      | 20838  | N.D.    | 25.104 # |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.947 | 0      | 20838  | N.D.    | 22.865 # |
| 12)                         | L3 AR-1232-2    | 5.295  | 4.653 | 90886  | 7436   | 140.171 | 7.365 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.737 | 0      | 322    | N.D.    | 0.574 #  |
| 15)                         | L3 AR-1232-5    | 0.000  | 4.979 | 0      | 6520   | N.D.    | 11.520 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.653 | 0      | 7436   | N.D.    | 8.169 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.653 | 0      | 7436   | N.D.    | 5.940 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.737 | 0      | 322    | N.D.    | 0.450 #  |
| 20)                         | L4 AR-1242-5    | 6.489  | 5.401 | 24419  | 22089  | 21.789  | 22.314   |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.653 | 0      | 7436   | N.D.    | 10.485 # |
| 24)                         | L5 AR-1248-4    | 6.397  | 4.979 | 54256  | 6520   | 29.781  | 5.429 #  |
| 25)                         | L5 AR-1248-5    | 6.489  | 5.401 | 24419  | 22089  | 13.957  | 17.473 # |
| 26)                         | L6 AR-1254-1    | 6.397  | 5.401 | 54256  | 22089  | 28.161  | 10.718 # |
| 27)                         | L6 AR-1254-2    | 6.604  | 5.459 | 28965  | 125173 | 9.204   | 66.334 # |
| 28)                         | L6 AR-1254-3    | 0.000  | 5.911 | 0      | 23990  | N.D.    | 7.545 #  |
| 29)                         | L6 AR-1254-4    | 7.197  | 6.198 | 20152  | 9370   | 7.444   | 4.501 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.520 | 0      | 21093  | N.D.    | 6.665 #  |
| 31)                         | L7 AR-1260-1    | 7.197  | 6.016 | 20152  | 5309   | 8.277   | 2.524 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.198 | 0      | 9370   | N.D.    | 3.633 #  |
| 33)                         | L7 AR-1260-3    | 7.778  | 6.382 | 33425  | 5950   | 14.006  | 2.471 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 6.792 | 0      | 3396   | N.D.    | 1.587 #  |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.025 | 0      | 7765   | N.D.    | 1.607 #  |
| 36)                         | L8 AR-1262-1    | 7.778  | 6.588 | 33425  | 14985  | 9.463   | 5.017 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.025 | 0      | 7765   | N.D.    | 1.493 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.331 | 0      | 16529  | N.D.    | 7.788 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.409 | 0      | 4175   | N.D.    | 1.093 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.331 | 0      | 16529  | N.D.    | 2.820 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.409 | 0      | 4175   | N.D.    | 0.783 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.617 | 0      | 3349   | N.D.    | 0.755 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.173 | 0      | 7250   | N.D.    | 0.602 #  |
| -----                       |                 |        |       |        |        |         |          |

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

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119

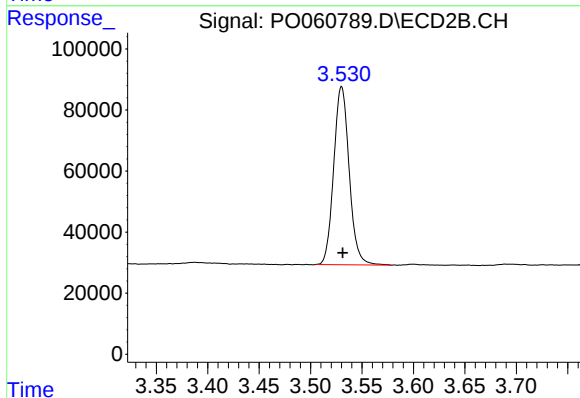




#1 Tetrachloro-m-xylene

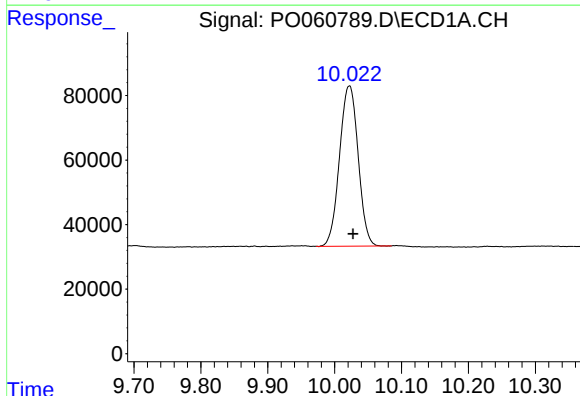
R.T.: 4.365 min  
Delta R.T.: -0.005 min  
Response: 773467  
Conc: 21.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



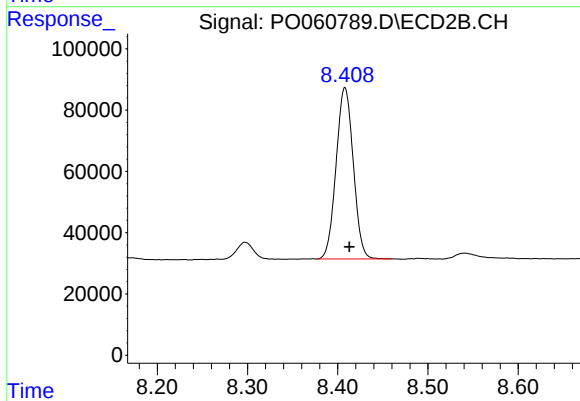
#1 Tetrachloro-m-xylene

R.T.: 3.530 min  
Delta R.T.: -0.001 min  
Response: 610746  
Conc: 21.87 ng/ml



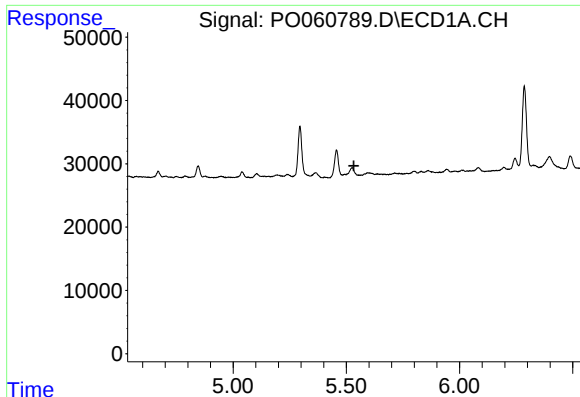
#2 Decachlorobiphenyl

R.T.: 10.022 min  
Delta R.T.: -0.006 min  
Response: 960462  
Conc: 20.90 ng/ml



#2 Decachlorobiphenyl

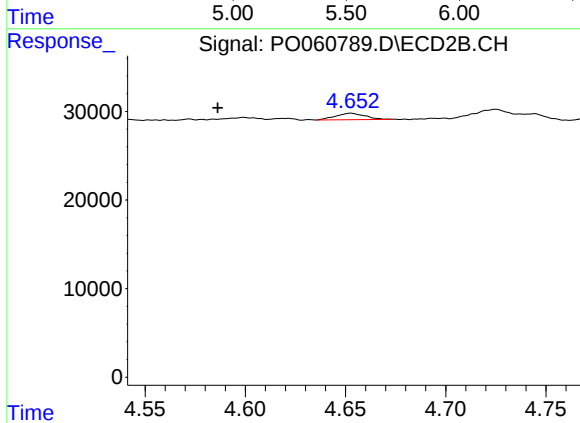
R.T.: 8.408 min  
Delta R.T.: -0.005 min  
Response: 738666  
Conc: 21.07 ng/ml



#3 AR-1016-1

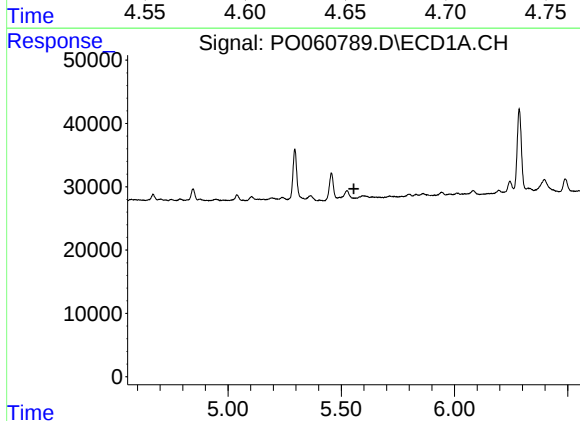
R.T.: 0.000 min  
Exp R.T.: 5.533 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



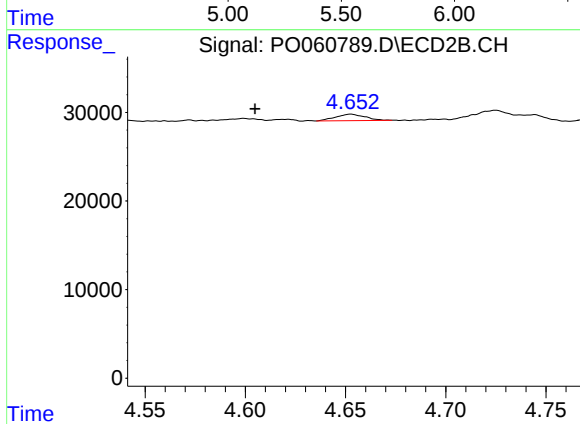
#3 AR-1016-1

R.T.: 4.653 min  
Delta R.T.: 0.067 min  
Response: 7436  
Conc: 6.02 ng/ml



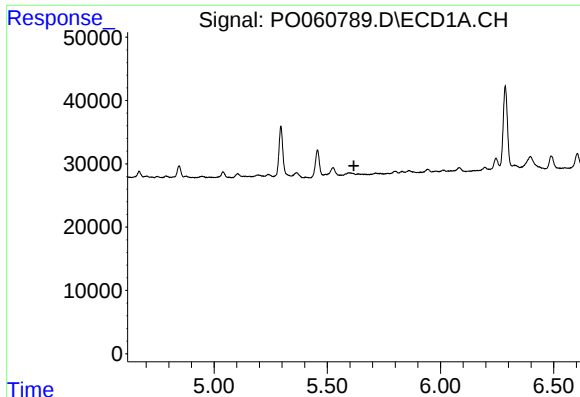
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.556 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

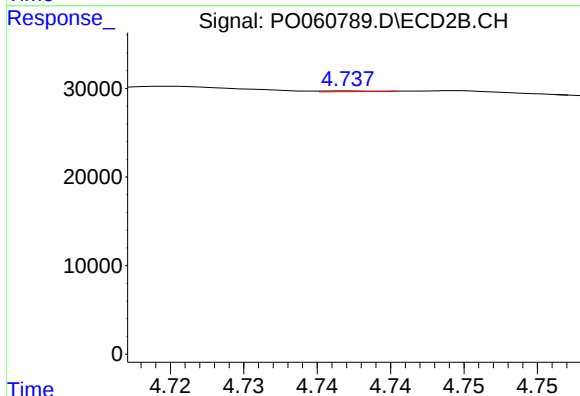
R.T.: 4.653 min  
Delta R.T.: 0.048 min  
Response: 7436  
Conc: 4.37 ng/ml



#5 AR-1016-3

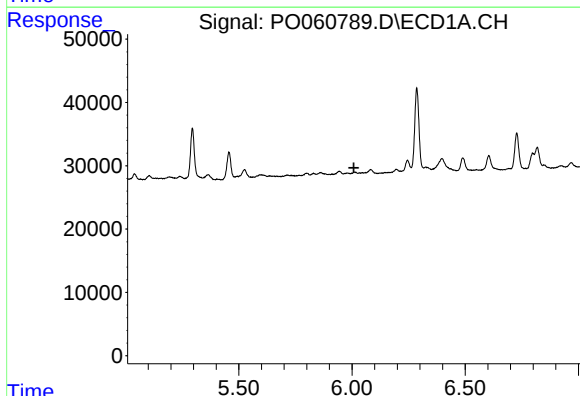
R.T.: 0.000 min  
Exp R.T.: 5.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



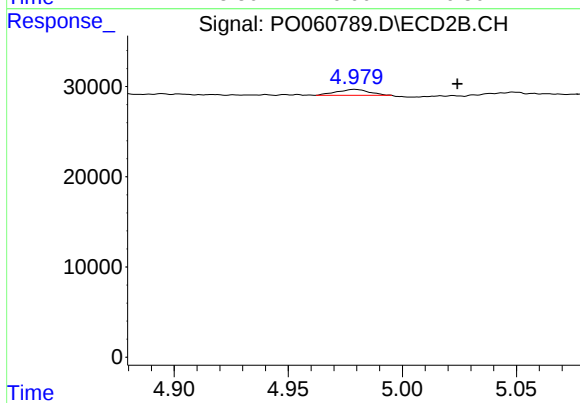
#5 AR-1016-3

R.T.: 4.737 min  
Delta R.T.: -0.038 min  
Response: 322  
Conc: 0.33 ng/ml



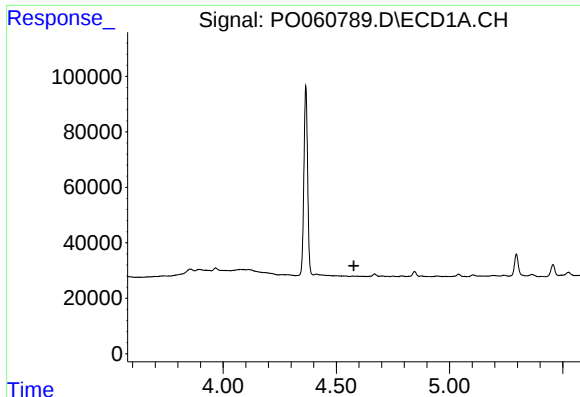
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T.: 6.009 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

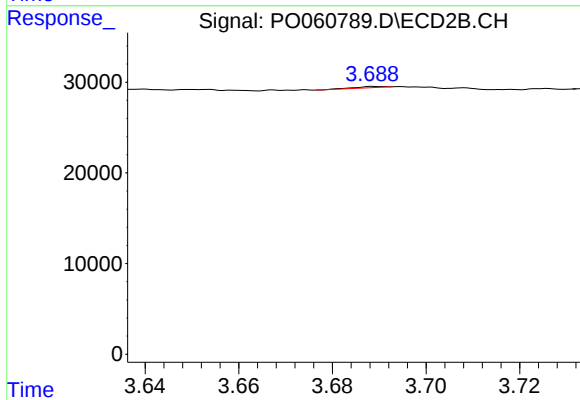
R.T.: 4.979 min  
Delta R.T.: -0.045 min  
Response: 6520  
Conc: 6.22 ng/ml



#8 AR-1221-1

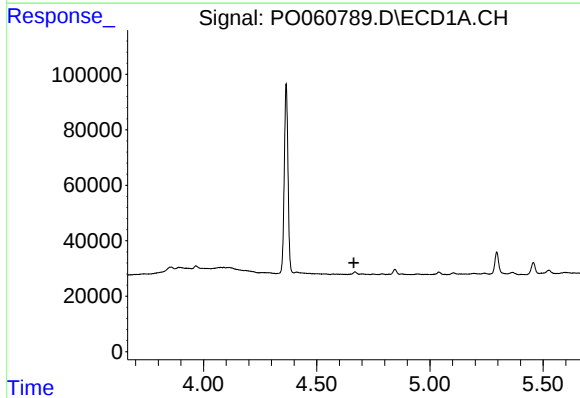
R.T.: 0.000 min  
Exp R.T.: 4.578 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



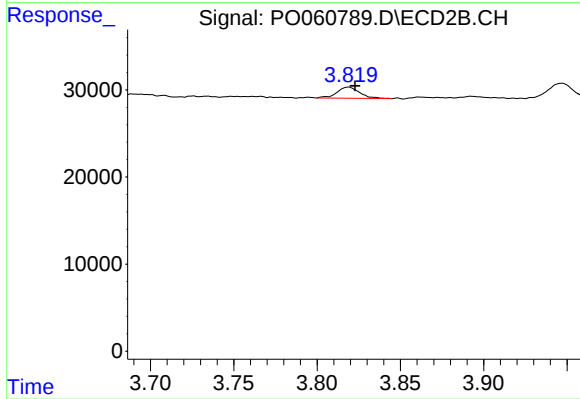
#8 AR-1221-1

R.T.: 3.689 min  
Delta R.T.: -0.052 min  
Response: 557  
Conc: 1.57 ng/ml



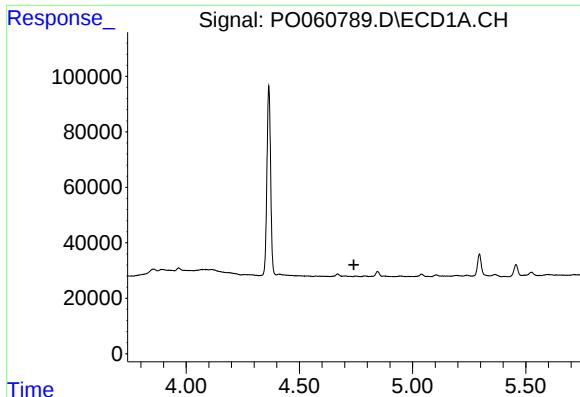
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 4.664 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

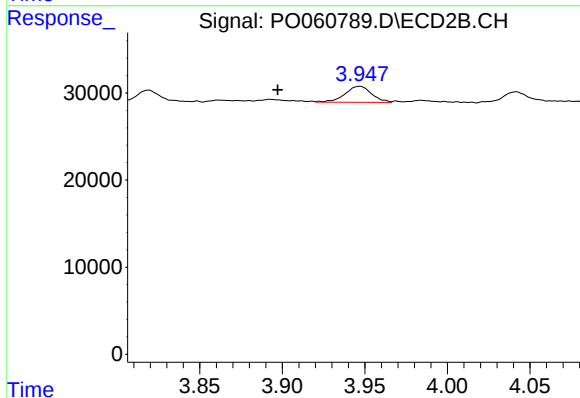
R.T.: 3.819 min  
Delta R.T.: -0.004 min  
Response: 12061  
Conc: 42.92 ng/ml



#10 AR-1221-3

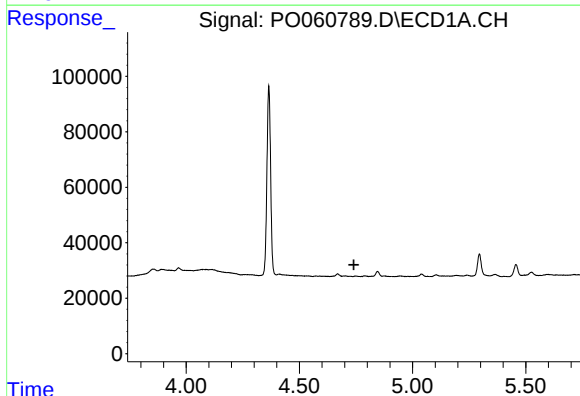
R.T.: 0.000 min  
Exp R.T. : 4.741 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



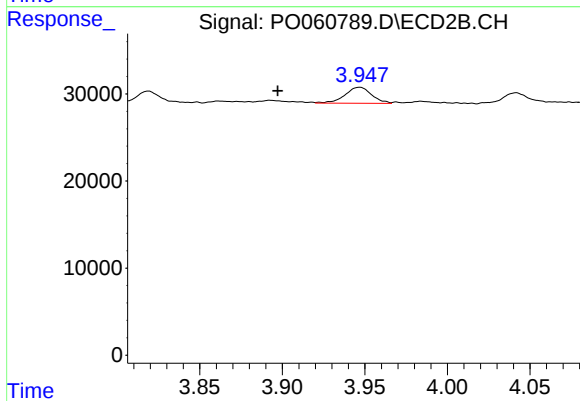
#10 AR-1221-3

R.T.: 3.947 min  
Delta R.T.: 0.050 min  
Response: 20838  
Conc: 25.10 ng/ml



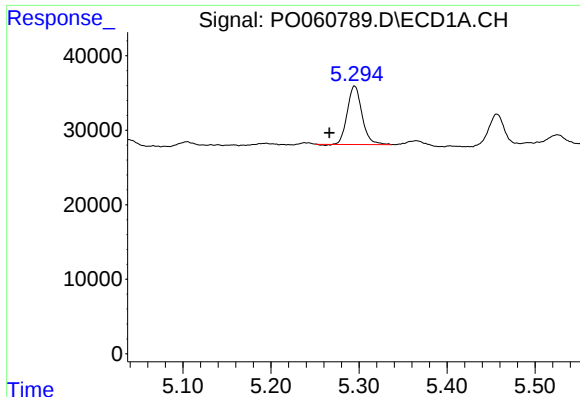
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.741 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

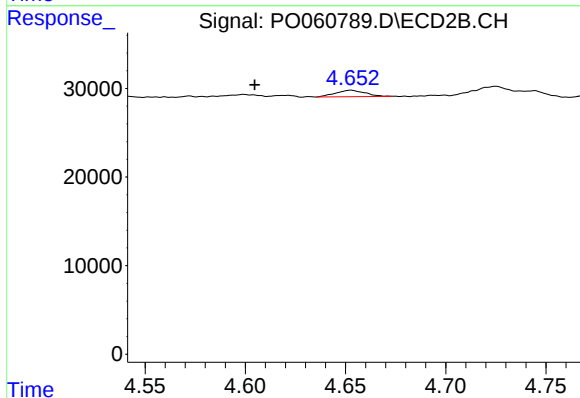
R.T.: 3.947 min  
Delta R.T.: 0.050 min  
Response: 20838  
Conc: 22.87 ng/ml



#12 AR-1232-2

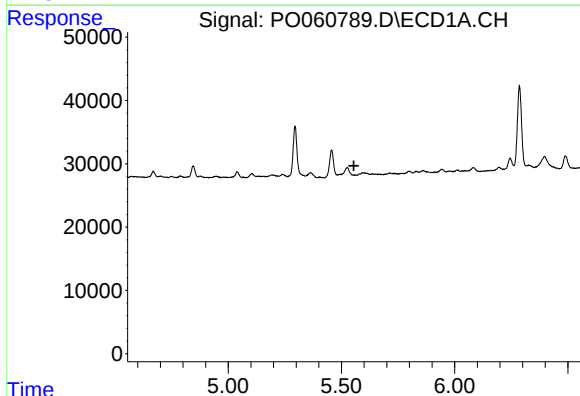
R.T.: 5.295 min  
Delta R.T.: 0.028 min  
Response: 90886  
Conc: 140.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



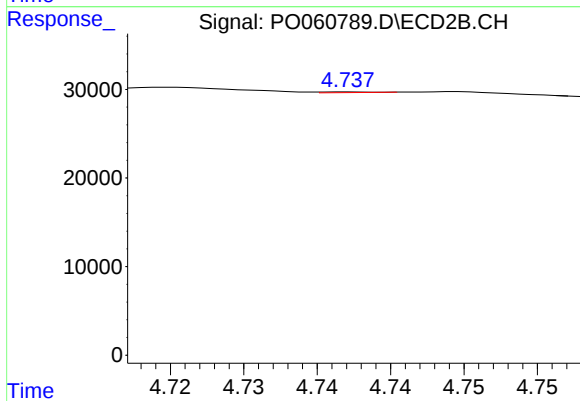
#12 AR-1232-2

R.T.: 4.653 min  
Delta R.T.: 0.048 min  
Response: 7436  
Conc: 7.37 ng/ml



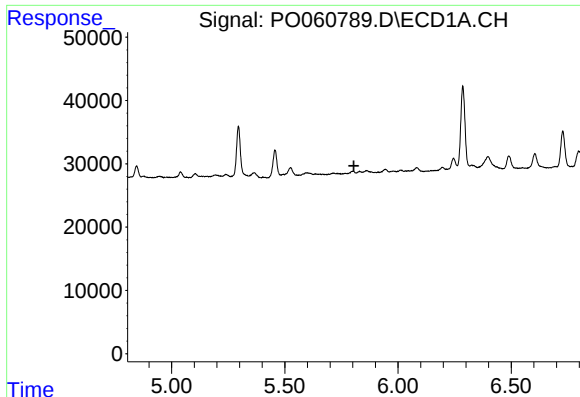
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.555 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

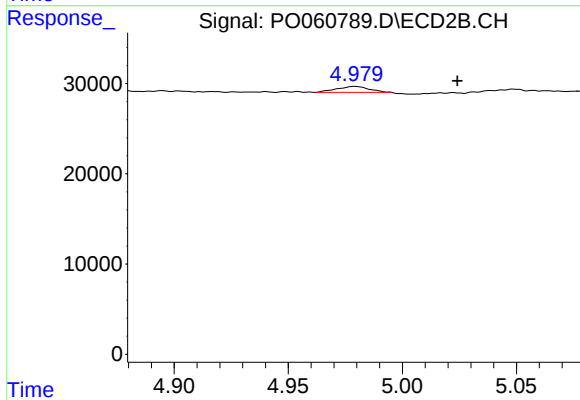
R.T.: 4.737 min  
Delta R.T.: -0.038 min  
Response: 322  
Conc: 0.57 ng/ml



#15 AR-1232-5

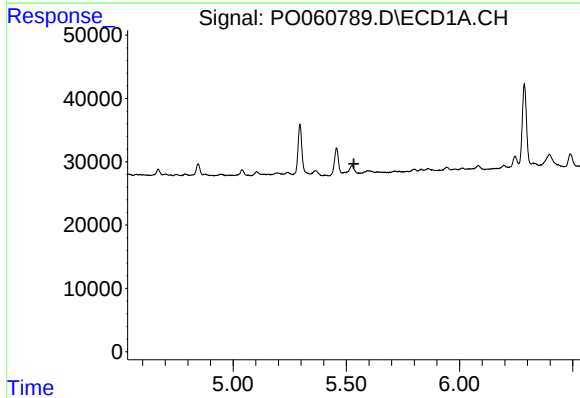
R.T.: 0.000 min  
Exp R.T.: 5.805 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



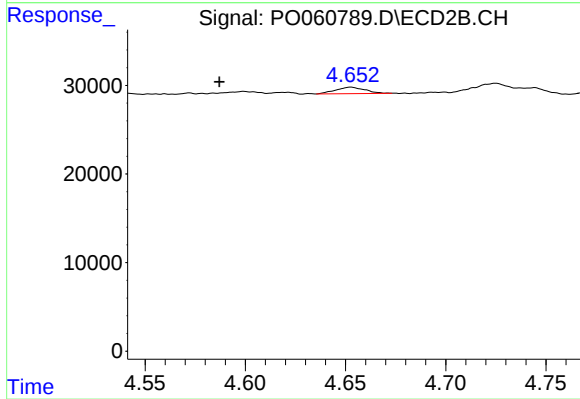
#15 AR-1232-5

R.T.: 4.979 min  
Delta R.T.: -0.045 min  
Response: 6520  
Conc: 11.52 ng/ml



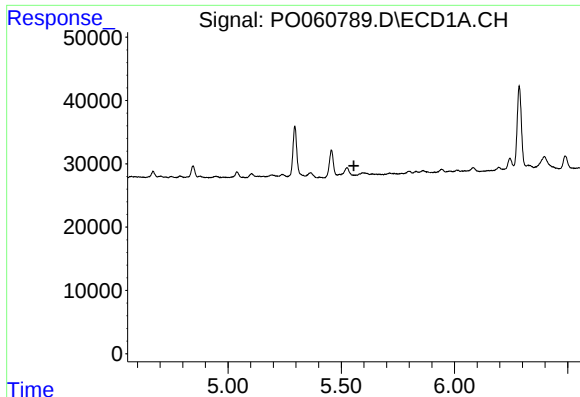
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T.: 5.533 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

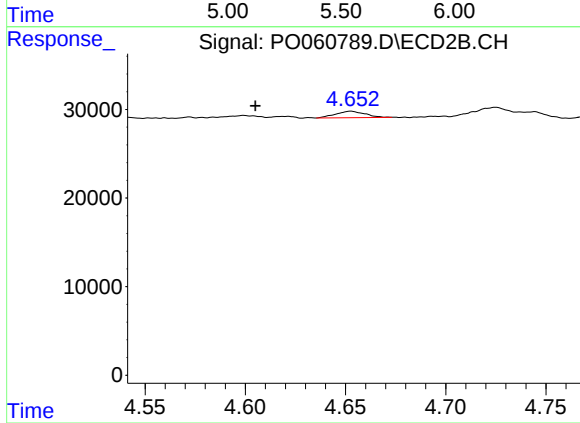
R.T.: 4.653 min  
Delta R.T.: 0.066 min  
Response: 7436  
Conc: 8.17 ng/ml



#17 AR-1242-2

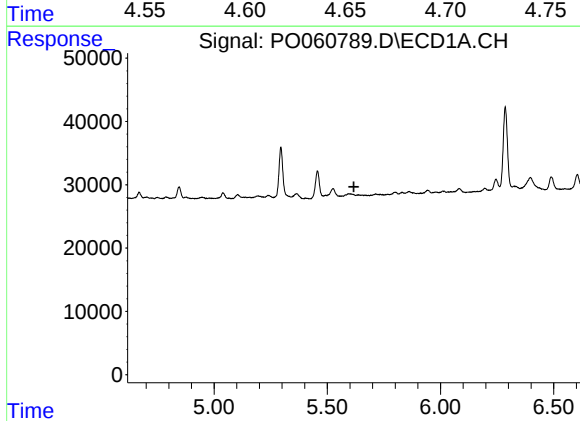
R.T.: 0.000 min  
Exp R.T.: 5.556 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



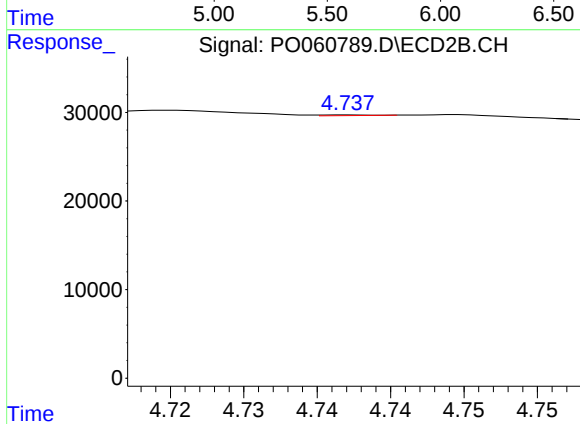
#17 AR-1242-2

R.T.: 4.653 min  
Delta R.T.: 0.048 min  
Response: 7436  
Conc: 5.94 ng/ml



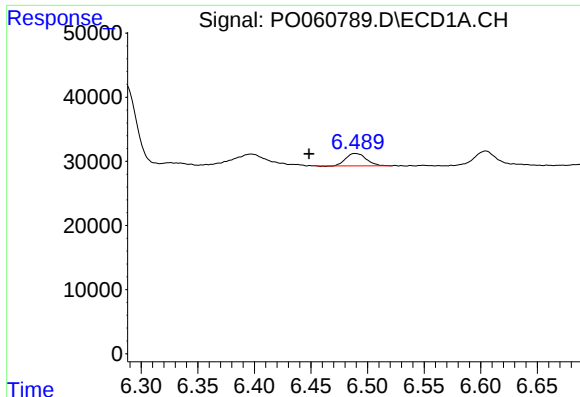
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.617 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

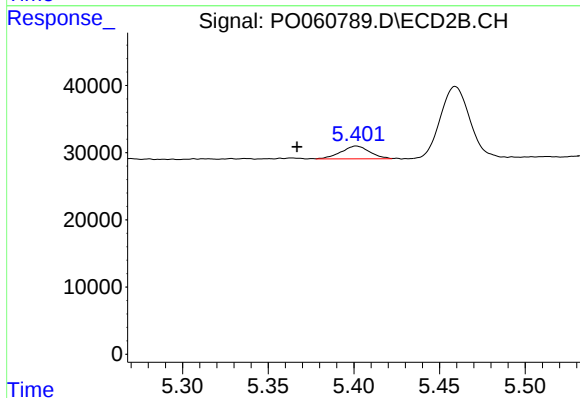
R.T.: 4.737 min  
Delta R.T.: -0.039 min  
Response: 322  
Conc: 0.45 ng/ml



#20 AR-1242-5

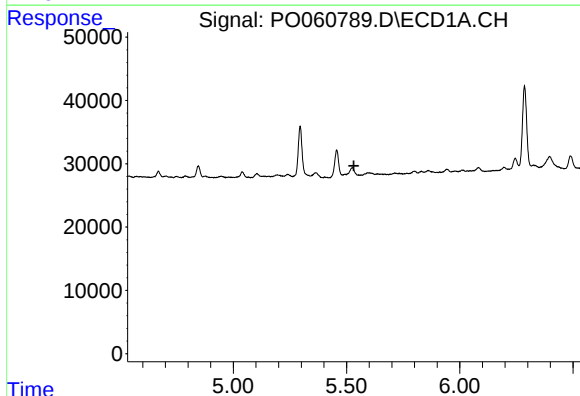
R.T.: 6.489 min  
Delta R.T.: 0.041 min  
Response: 24419  
Conc: 21.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



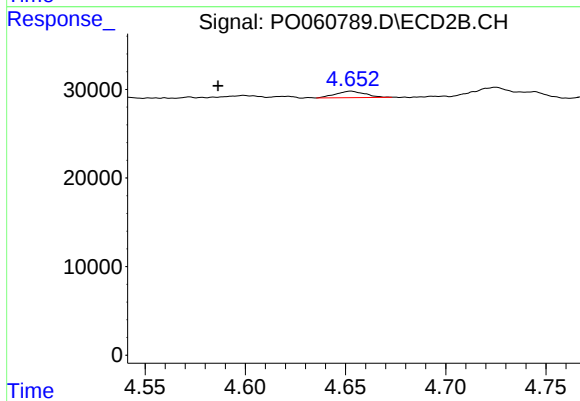
#20 AR-1242-5

R.T.: 5.401 min  
Delta R.T.: 0.035 min  
Response: 22089  
Conc: 22.31 ng/ml



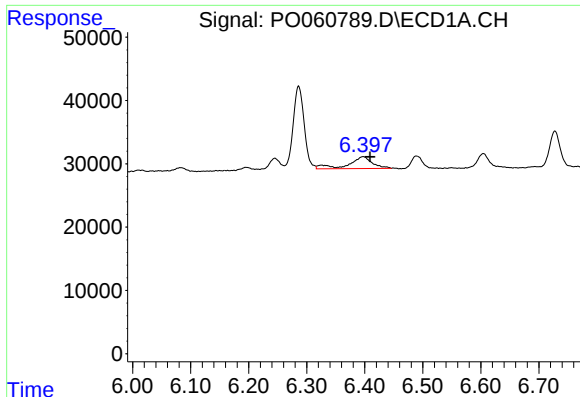
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.532 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

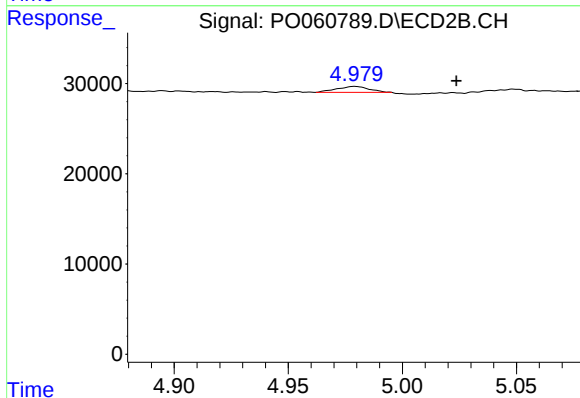
R.T.: 4.653 min  
Delta R.T.: 0.066 min  
Response: 7436  
Conc: 10.48 ng/ml



#24 AR-1248-4

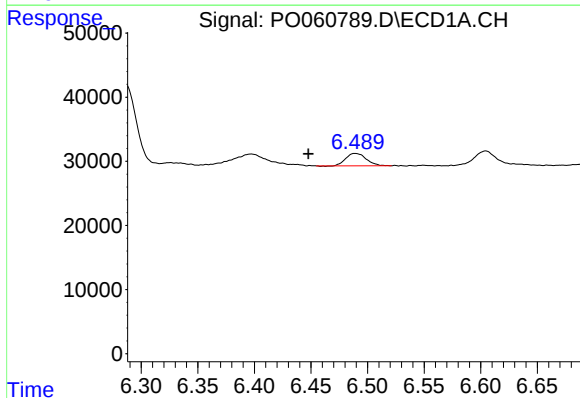
R.T.: 6.397 min  
Delta R.T.: -0.012 min  
Response: 54256  
Conc: 29.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



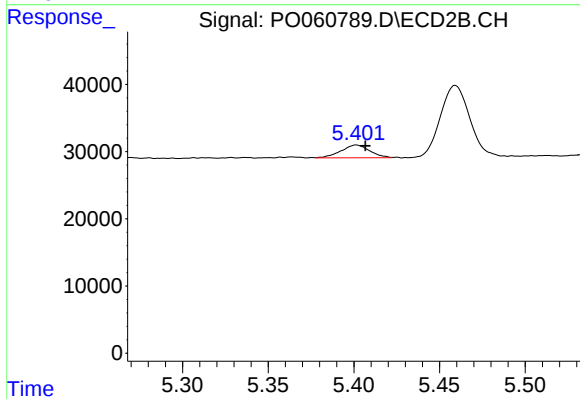
#24 AR-1248-4

R.T.: 4.979 min  
Delta R.T.: -0.045 min  
Response: 6520  
Conc: 5.43 ng/ml



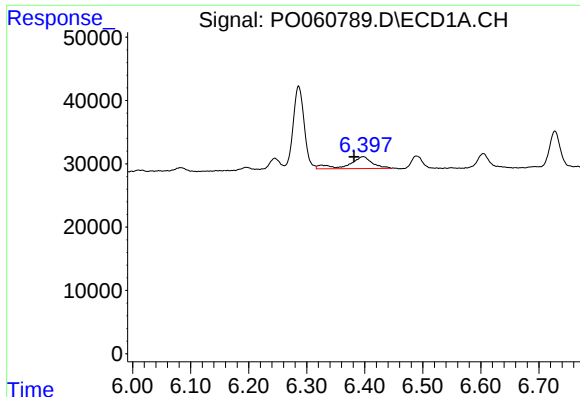
#25 AR-1248-5

R.T.: 6.489 min  
Delta R.T.: 0.041 min  
Response: 24419  
Conc: 13.96 ng/ml



#25 AR-1248-5

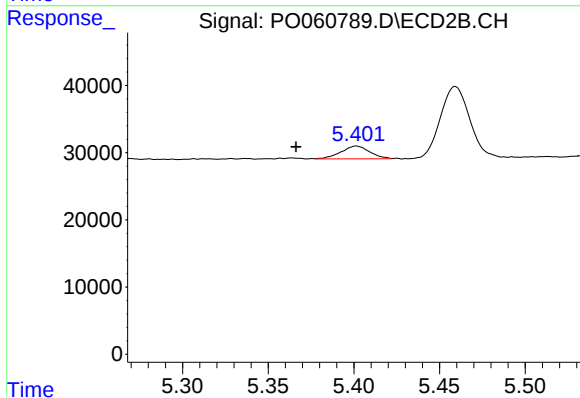
R.T.: 5.401 min  
Delta R.T.: -0.005 min  
Response: 22089  
Conc: 17.47 ng/ml



#26 AR-1254-1

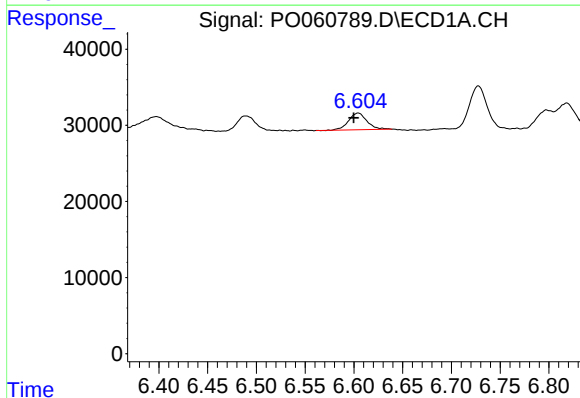
R.T.: 6.397 min  
Delta R.T.: 0.015 min  
Response: 54256  
Conc: 28.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



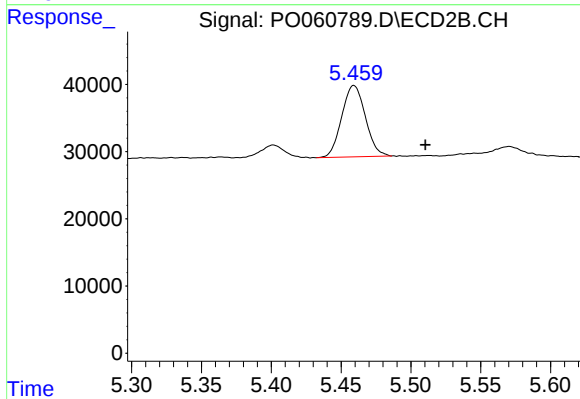
#26 AR-1254-1

R.T.: 5.401 min  
Delta R.T.: 0.035 min  
Response: 22089  
Conc: 10.72 ng/ml



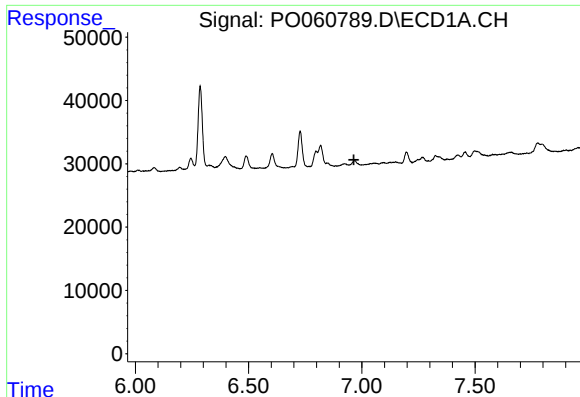
#27 AR-1254-2

R.T.: 6.604 min  
Delta R.T.: 0.004 min  
Response: 28965  
Conc: 9.20 ng/ml



#27 AR-1254-2

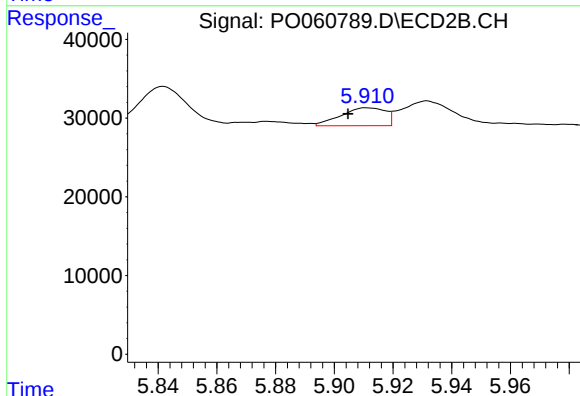
R.T.: 5.459 min  
Delta R.T.: -0.051 min  
Response: 125173  
Conc: 66.33 ng/ml



#28 AR-1254-3

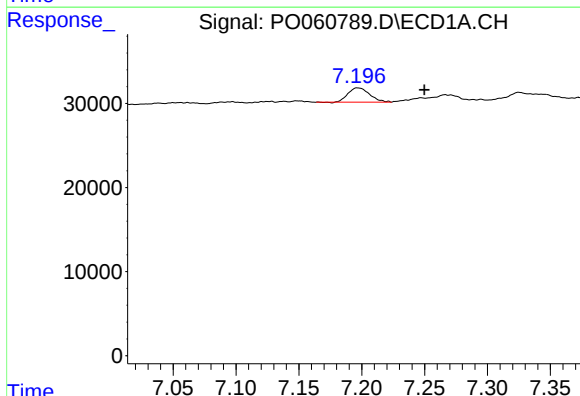
R.T.: 0.000 min  
Exp R.T.: 6.965 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



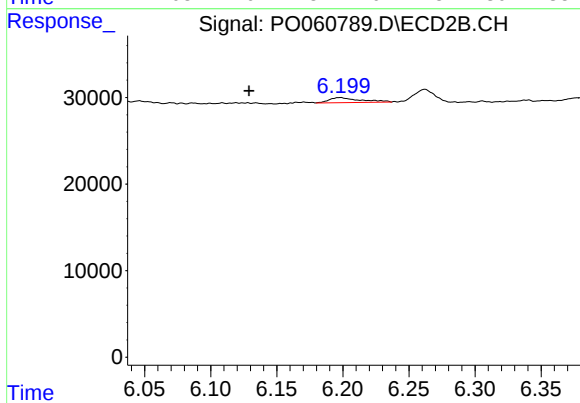
#28 AR-1254-3

R.T.: 5.911 min  
Delta R.T.: 0.006 min  
Response: 23990  
Conc: 7.55 ng/ml



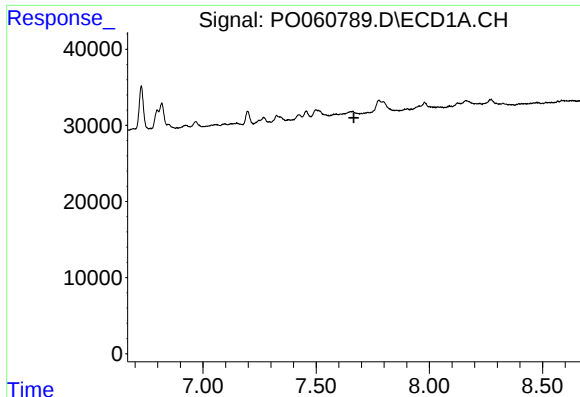
#29 AR-1254-4

R.T.: 7.197 min  
Delta R.T.: -0.053 min  
Response: 20152  
Conc: 7.44 ng/ml



#29 AR-1254-4

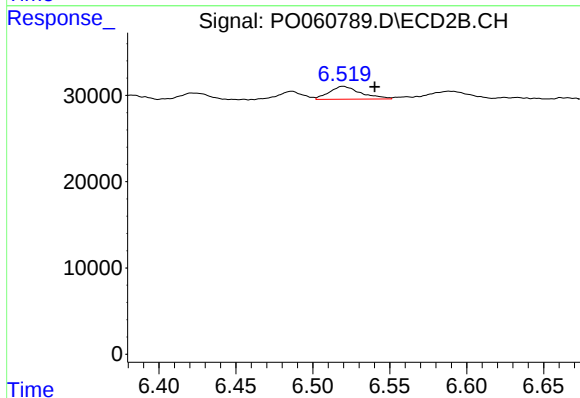
R.T.: 6.198 min  
Delta R.T.: 0.069 min  
Response: 9370  
Conc: 4.50 ng/ml



#30 AR-1254-5

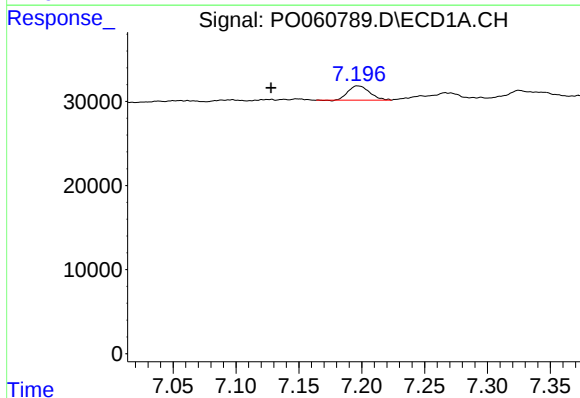
R.T.: 0.000 min  
Exp R.T.: 7.667 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



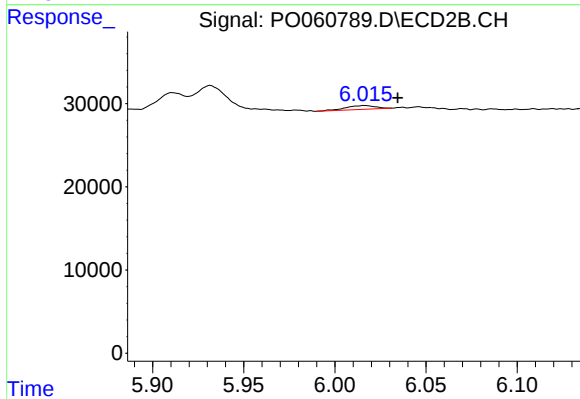
#30 AR-1254-5

R.T.: 6.520 min  
Delta R.T.: -0.021 min  
Response: 21093  
Conc: 6.66 ng/ml



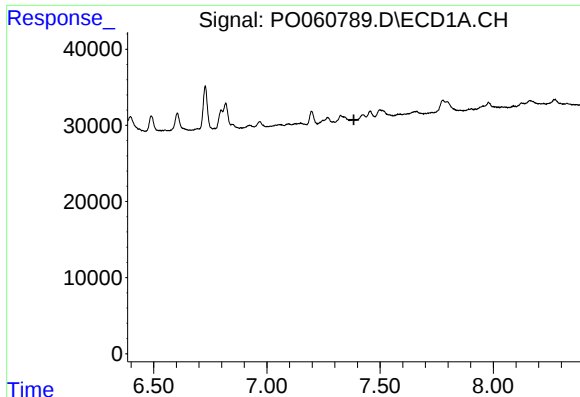
#31 AR-1260-1

R.T.: 7.197 min  
Delta R.T.: 0.069 min  
Response: 20152  
Conc: 8.28 ng/ml



#31 AR-1260-1

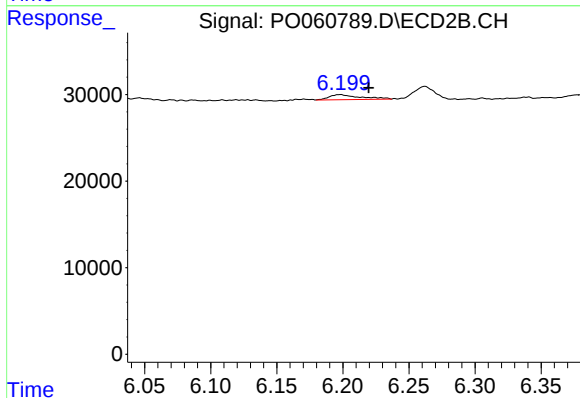
R.T.: 6.016 min  
Delta R.T.: -0.018 min  
Response: 5309  
Conc: 2.52 ng/ml



#32 AR-1260-2

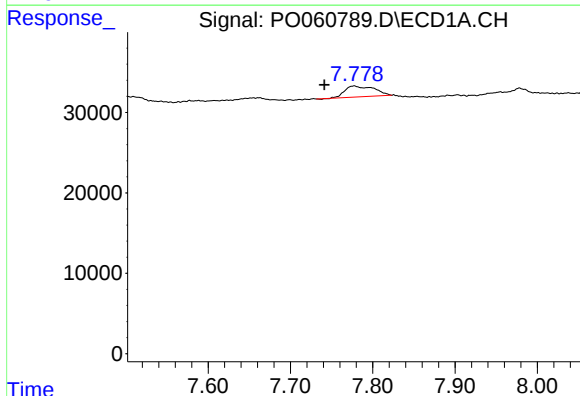
R.T.: 0.000 min  
Exp R.T.: 7.384 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



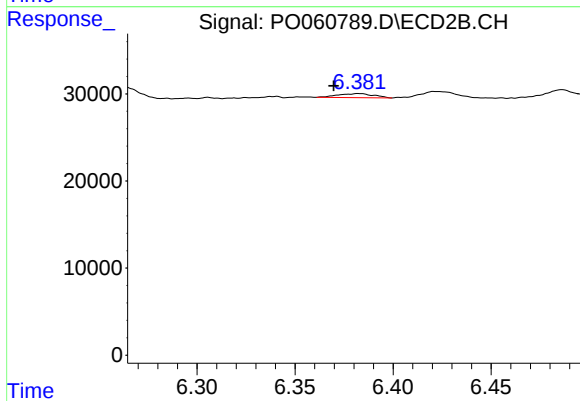
#32 AR-1260-2

R.T.: 6.198 min  
Delta R.T.: -0.021 min  
Response: 9370  
Conc: 3.63 ng/ml



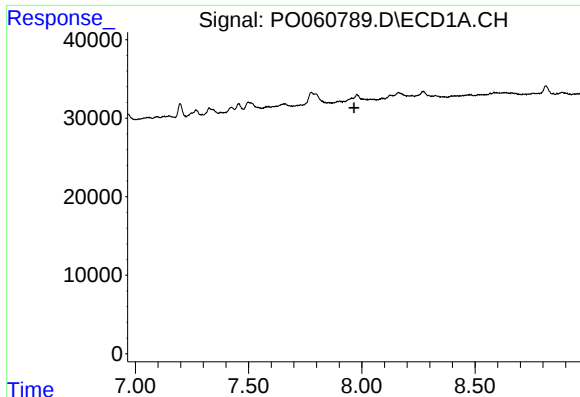
#33 AR-1260-3

R.T.: 7.778 min  
Delta R.T.: 0.036 min  
Response: 33425  
Conc: 14.01 ng/ml



#33 AR-1260-3

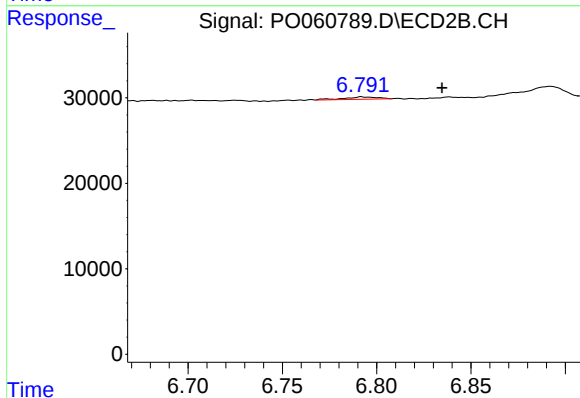
R.T.: 6.382 min  
Delta R.T.: 0.012 min  
Response: 5950  
Conc: 2.47 ng/ml



#34 AR-1260-4

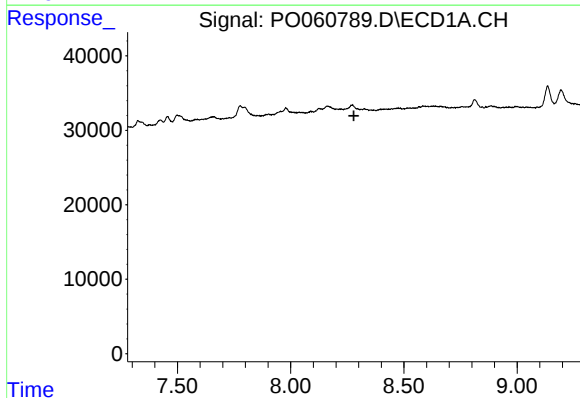
R.T.: 0.000 min  
Exp R.T.: 7.965 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



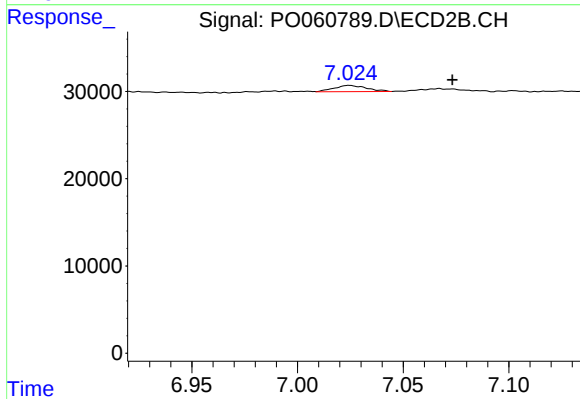
#34 AR-1260-4

R.T.: 6.792 min  
Delta R.T.: -0.043 min  
Response: 3396  
Conc: 1.59 ng/ml



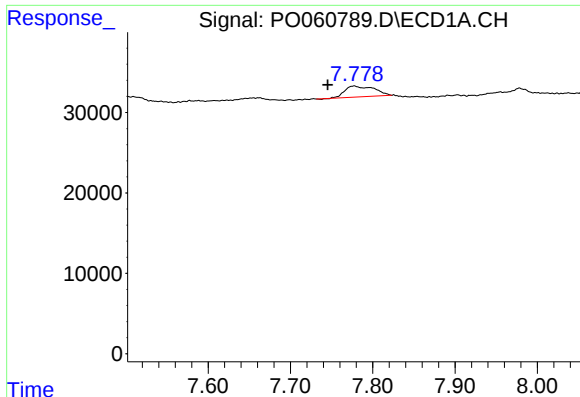
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T.: 8.279 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

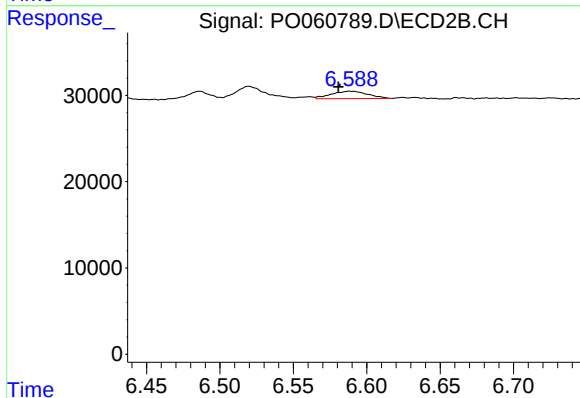
R.T.: 7.025 min  
Delta R.T.: -0.049 min  
Response: 7765  
Conc: 1.61 ng/ml



#36 AR-1262-1

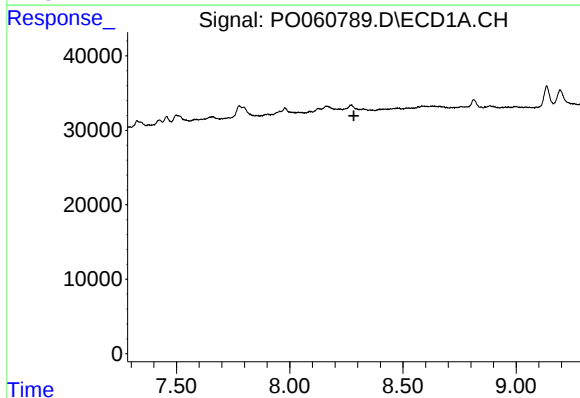
R.T.: 7.778 min  
Delta R.T.: 0.032 min  
Response: 33425  
Conc: 9.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



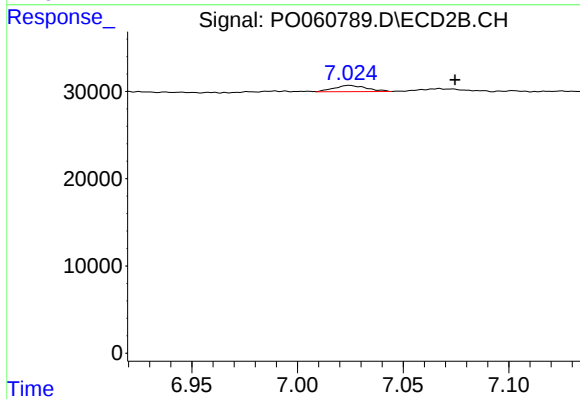
#36 AR-1262-1

R.T.: 6.588 min  
Delta R.T.: 0.007 min  
Response: 14985  
Conc: 5.02 ng/ml



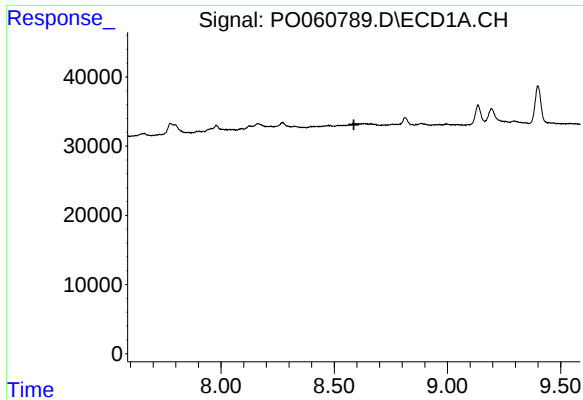
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.283 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

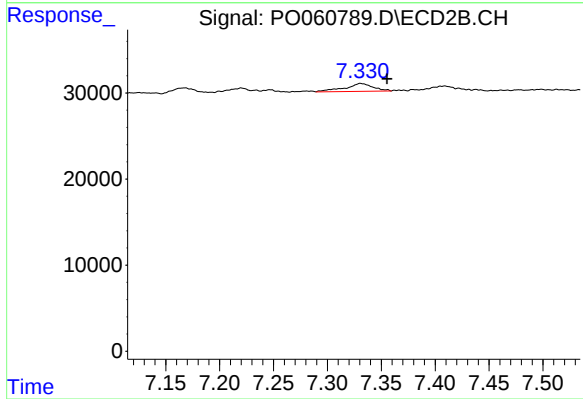
R.T.: 7.025 min  
Delta R.T.: -0.050 min  
Response: 7765  
Conc: 1.49 ng/ml



#38 AR-1262-3

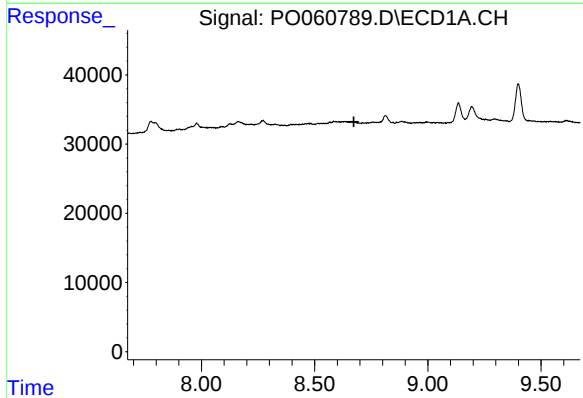
R.T.: 0.000 min  
Exp R.T.: 8.587 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



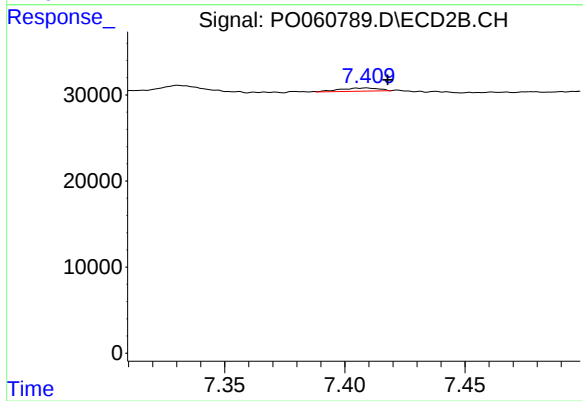
#38 AR-1262-3

R.T.: 7.331 min  
Delta R.T.: -0.025 min  
Response: 16529  
Conc: 7.79 ng/ml



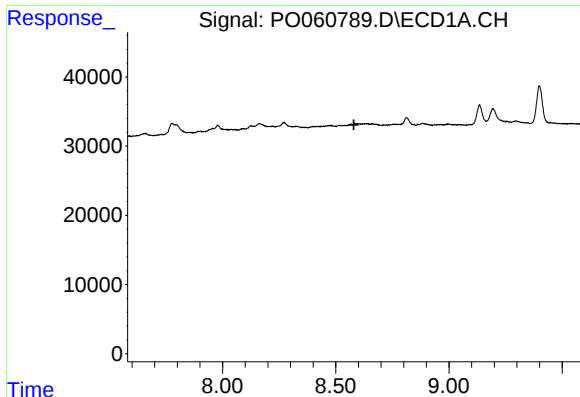
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T.: 8.673 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

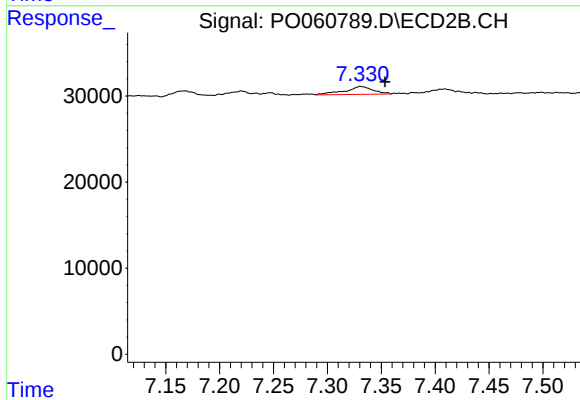
R.T.: 7.409 min  
Delta R.T.: -0.009 min  
Response: 4175  
Conc: 1.09 ng/ml



#41 AR-1268-1

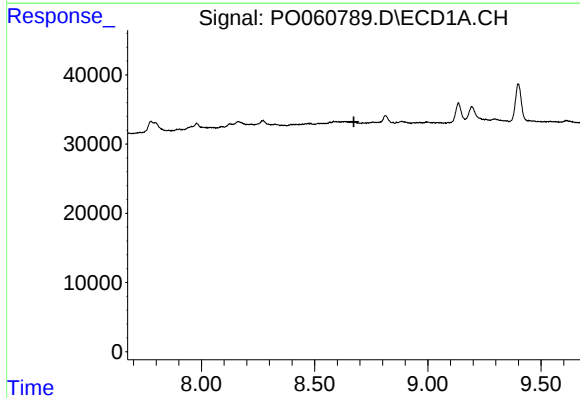
R.T.: 0.000 min  
Exp R.T.: 8.580 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



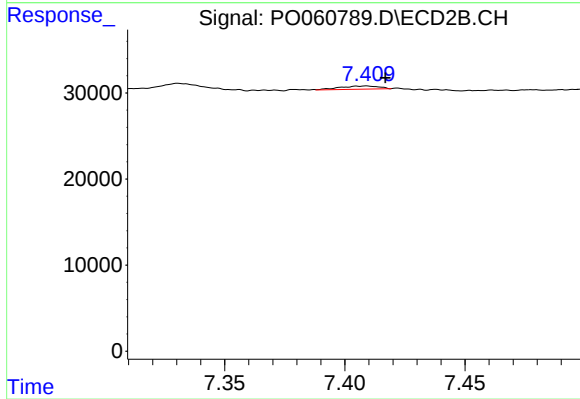
#41 AR-1268-1

R.T.: 7.331 min  
Delta R.T.: -0.023 min  
Response: 16529  
Conc: 2.82 ng/ml



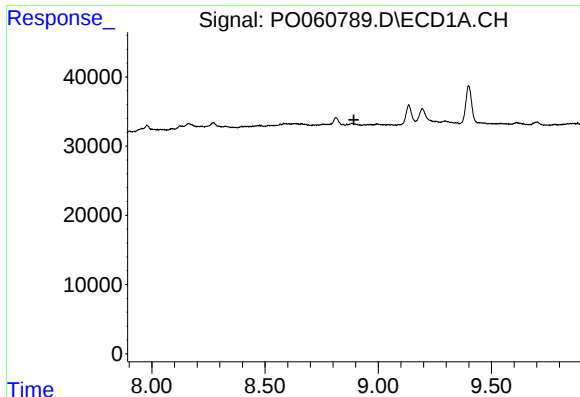
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.673 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

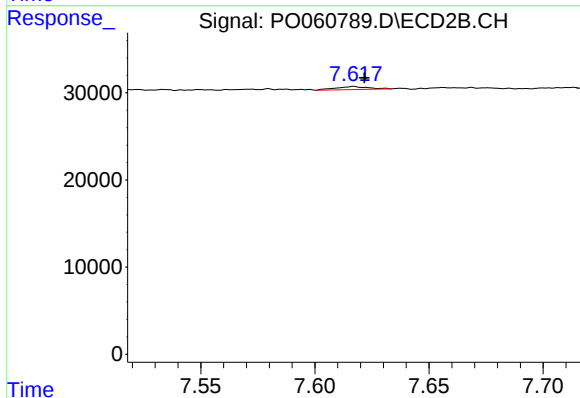
R.T.: 7.409 min  
Delta R.T.: -0.008 min  
Response: 4175  
Conc: 0.78 ng/ml



#43 AR-1268-3

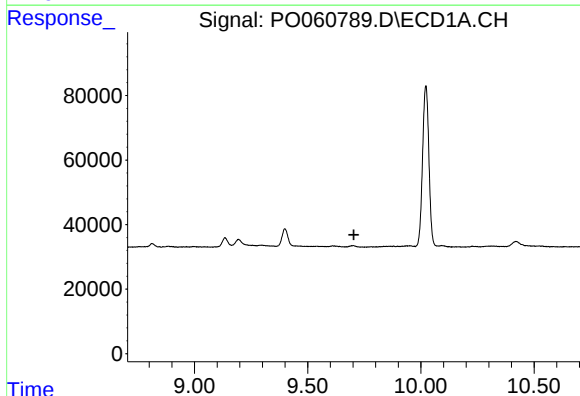
R.T.: 0.000 min  
Exp R.T.: 8.893 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW807-091119



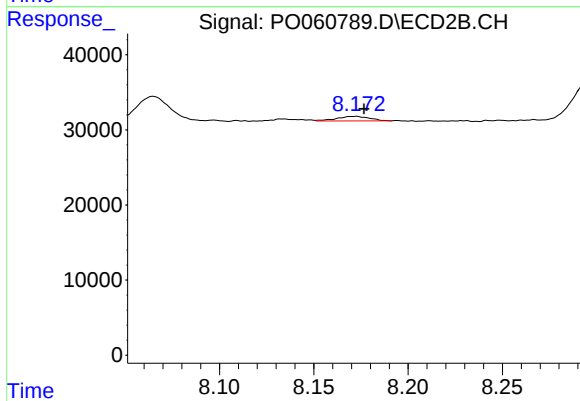
#43 AR-1268-3

R.T.: 7.617 min  
Delta R.T.: -0.005 min  
Response: 3349  
Conc: 0.76 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.704 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.173 min  
Delta R.T.: -0.004 min  
Response: 7250  
Conc: 0.60 ng/ml