

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0091319\  
 Data File : P0060790.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 13 Sep 2019 22:08  
 Operator : SM/AJ  
 Sample : K4859-05  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :  
 IDW-GW800-091119

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 14 00:23:21 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\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... | 4.366  | 3.531 | 806570  | 623574 | 21.923  | 22.333   |
| 2)                          | SA Decachlor... | 10.024 | 8.409 | 1024353 | 780082 | 22.295  | 22.255   |
| Target Compounds            |                 |        |       |         |        |         |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.654 | 0       | 7080   | N.D.    | 5.727 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.654 | 0       | 7080   | N.D.    | 4.161 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.726 | 0       | 8363   | N.D.    | 8.627 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.834 | 0       | 4095   | N.D.    | 5.002 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.819 | 0       | 10062  | N.D.    | 35.804 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 3.948 | 0       | 23637  | N.D.    | 28.476 # |
| 11)                         | L3 AR-1232-1    | 0.000  | 3.948 | 0       | 23637  | N.D.    | 25.937 # |
| 12)                         | L3 AR-1232-2    | 5.296  | 4.654 | 108600  | 7080   | 167.491 | 7.012 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.726 | 0       | 8363   | N.D.    | 14.902 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.834 | 0       | 4095   | N.D.    | 7.841 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.654 | 0       | 7080   | N.D.    | 7.776 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.654 | 0       | 7080   | N.D.    | 5.655 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.726 | 0       | 8363   | N.D.    | 11.704 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.834 | 0       | 4095   | N.D.    | 5.623 #  |
| 20)                         | L4 AR-1242-5    | 6.490  | 5.403 | 27964   | 7794   | 24.953  | 7.873 #  |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.654 | 0       | 7080   | N.D.    | 9.981 #  |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.834 | 0       | 4095   | N.D.    | 4.238 #  |
| 23)                         | L5 AR-1248-3    | 0.000  | 4.834 | 0       | 4095   | N.D.    | 4.066 #  |
| 25)                         | L5 AR-1248-5    | 6.490  | 5.403 | 27964   | 7794   | 15.983  | 6.165 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 5.403 | 0       | 7794   | N.D.    | 3.782 #  |
| 27)                         | L6 AR-1254-2    | 0.000  | 5.538 | 0       | 9073   | N.D.    | 4.808 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 5.912 | 0       | 25286  | N.D.    | 7.953 #  |
| 29)                         | L6 AR-1254-4    | 7.199  | 0.000 | 23861   | 0      | 8.814   | N.D. #   |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.521 | 0       | 22839  | N.D.    | 7.216 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.051 | 0       | 3344   | N.D.    | 1.590 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.199 | 0       | 456    | N.D.    | 0.177 #  |
| 33)                         | L7 AR-1260-3    | 7.777  | 6.383 | 29946   | 2910   | 12.548  | 1.209 #  |
| 34)                         | L7 AR-1260-4    | 0.000  | 6.800 | 0       | 7987   | N.D.    | 3.732 #  |
| 36)                         | L8 AR-1262-1    | 7.777  | 6.589 | 29946   | 17498  | 8.478   | 5.858 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.330 | 0       | 13219  | N.D.    | 6.228 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.409 | 0       | 7638   | N.D.    | 2.000 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.330 | 0       | 13219  | N.D.    | 2.255 #  |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.409 | 0       | 7638   | N.D.    | 1.433 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.172 | 0       | 7563   | N.D.    | 0.628 #  |
| -----                       |                 |        |       |         |        |         |          |

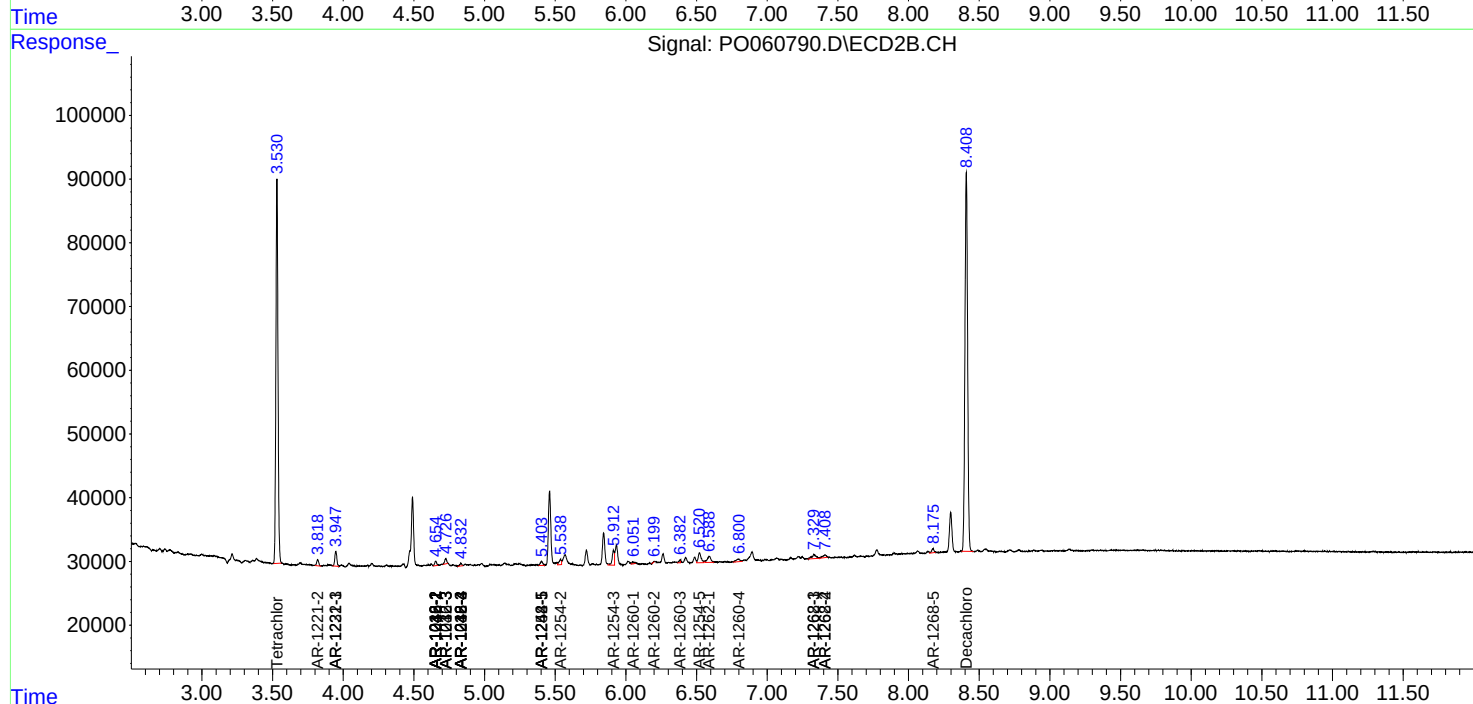
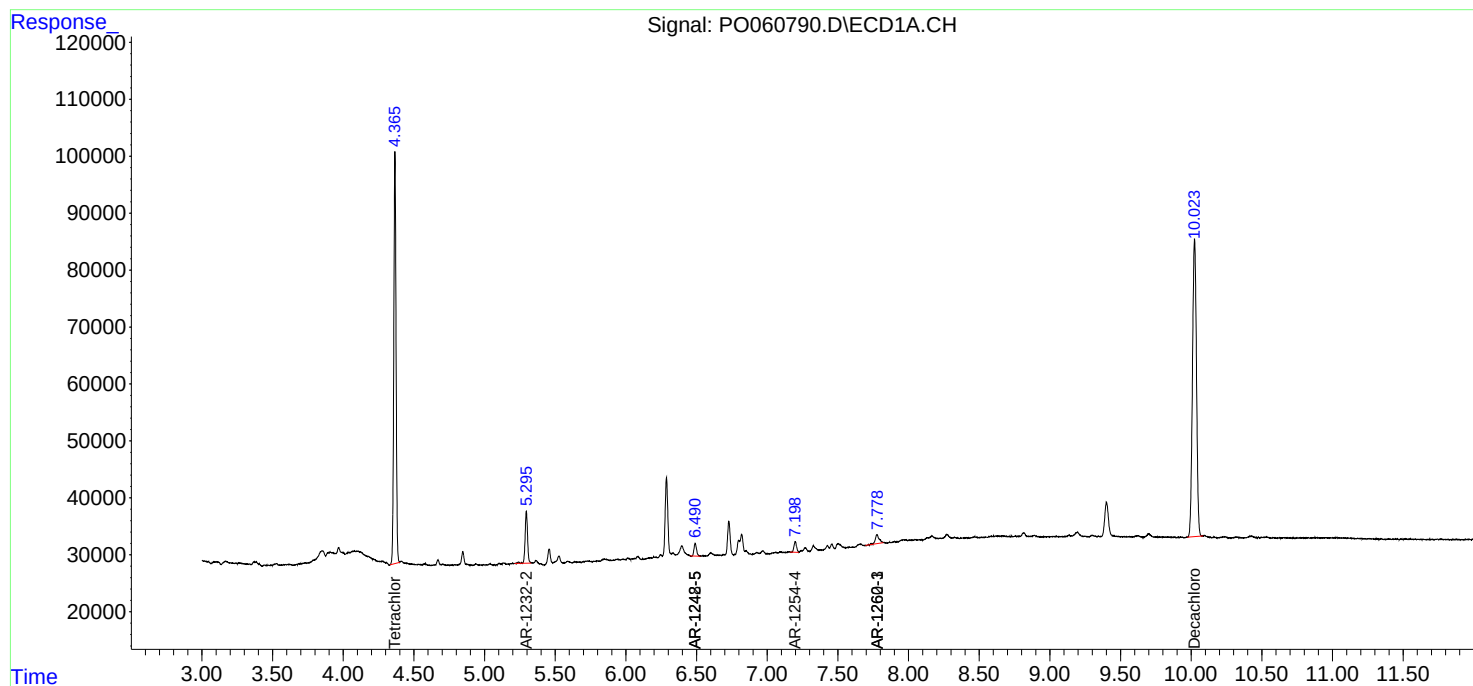
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

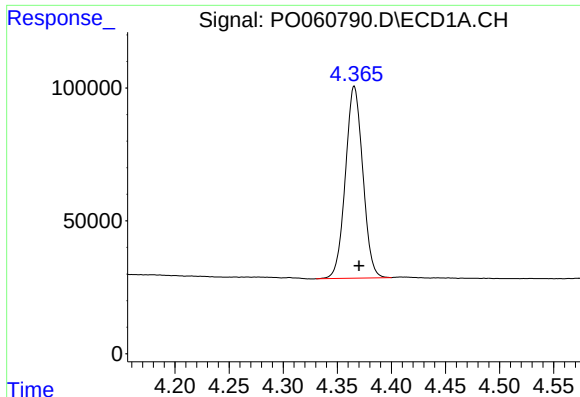
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO091319\  
Data File : PO060790.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 13 Sep 2019 22:08  
Operator : SM/AJ  
Sample : K4859-05  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 14 00:23:21 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO091319.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

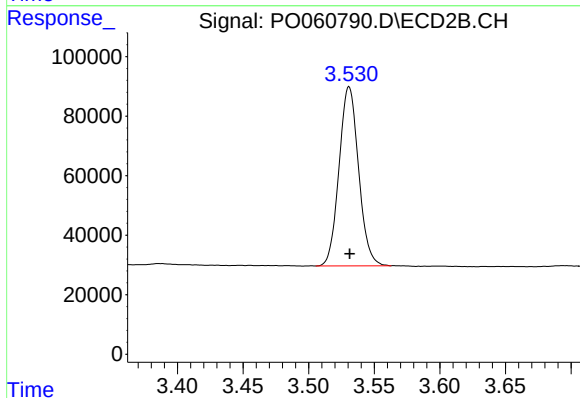




#1 Tetrachloro-m-xylene

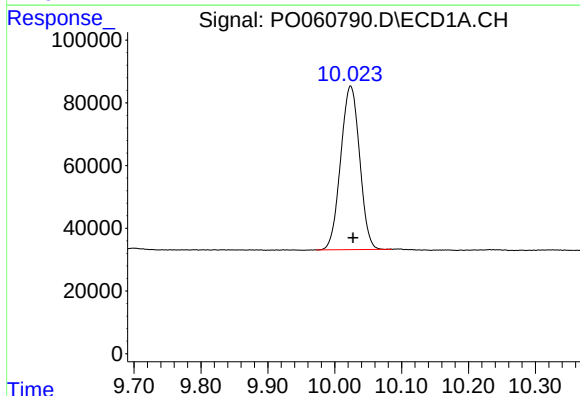
R.T.: 4.366 min  
Delta R.T.: -0.004 min  
Response: 806570  
Conc: 21.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



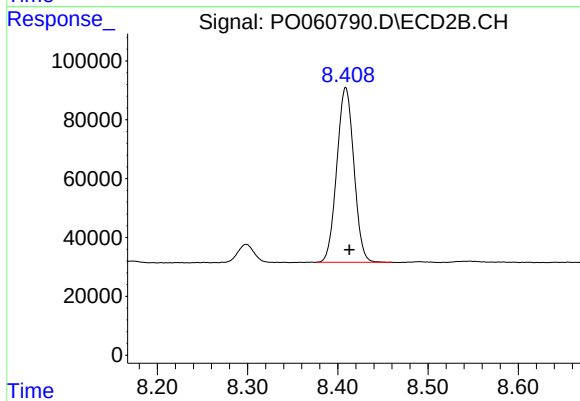
#1 Tetrachloro-m-xylene

R.T.: 3.531 min  
Delta R.T.: 0.000 min  
Response: 623574  
Conc: 22.33 ng/ml



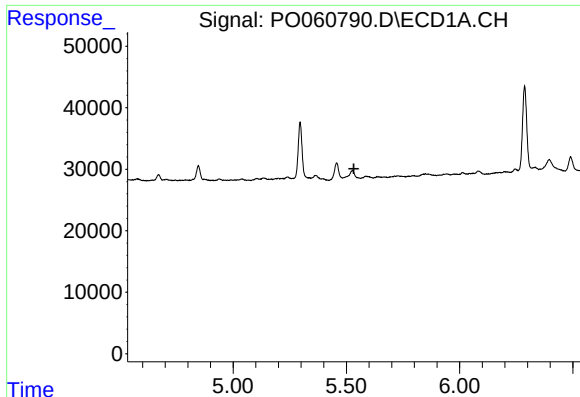
#2 Decachlorobiphenyl

R.T.: 10.024 min  
Delta R.T.: -0.004 min  
Response: 1024353  
Conc: 22.29 ng/ml



#2 Decachlorobiphenyl

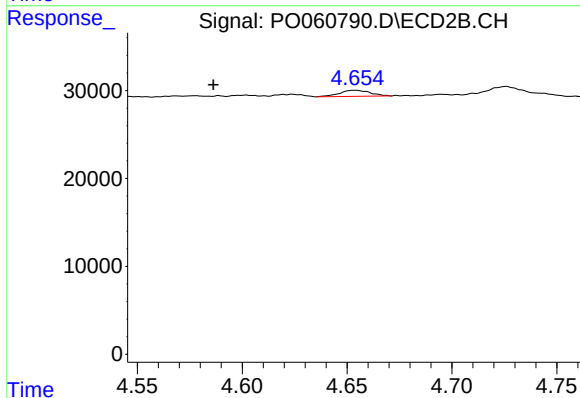
R.T.: 8.409 min  
Delta R.T.: -0.004 min  
Response: 780082  
Conc: 22.26 ng/ml



#3 AR-1016-1

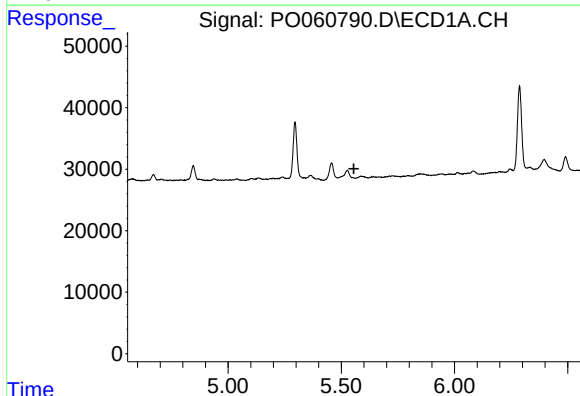
R.T.: 0.000 min  
Exp R.T.: 5.533 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



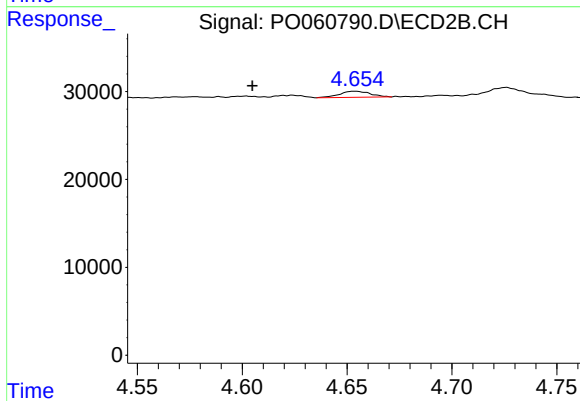
#3 AR-1016-1

R.T.: 4.654 min  
Delta R.T.: 0.068 min  
Response: 7080  
Conc: 5.73 ng/ml



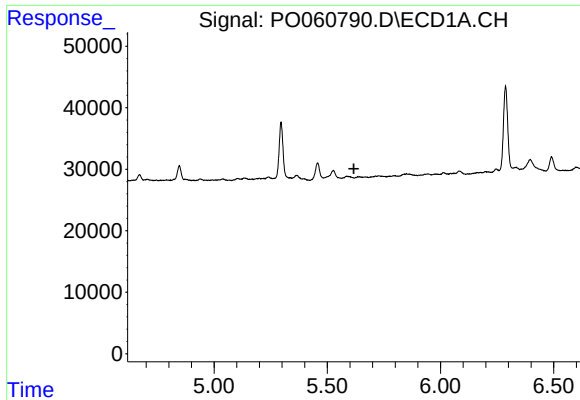
#4 AR-1016-2

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



#4 AR-1016-2

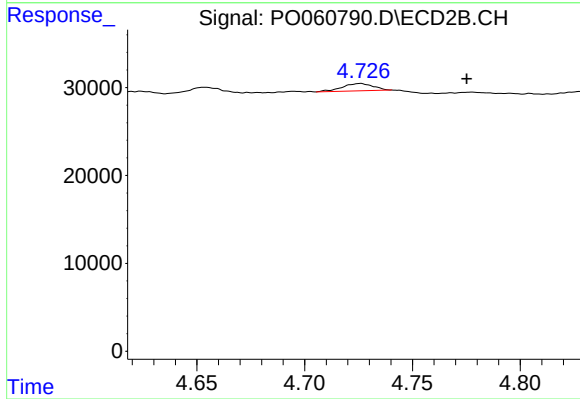
R.T.: 4.654 min  
Delta R.T.: 0.049 min  
Response: 7080  
Conc: 4.16 ng/ml



#5 AR-1016-3

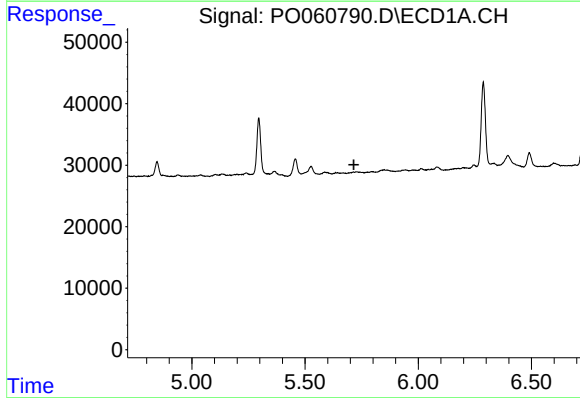
R.T.: 0.000 min  
Exp R.T.: 5.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



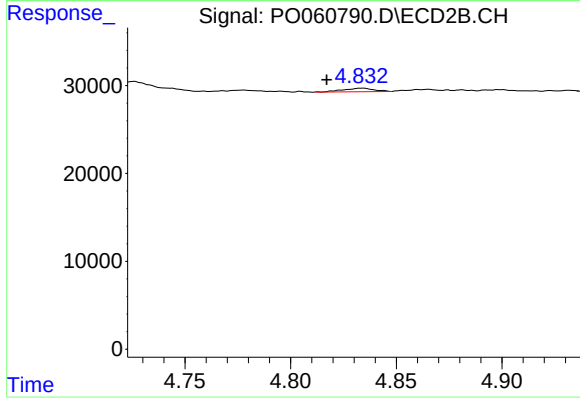
#5 AR-1016-3

R.T.: 4.726 min  
Delta R.T.: -0.049 min  
Response: 8363  
Conc: 8.63 ng/ml



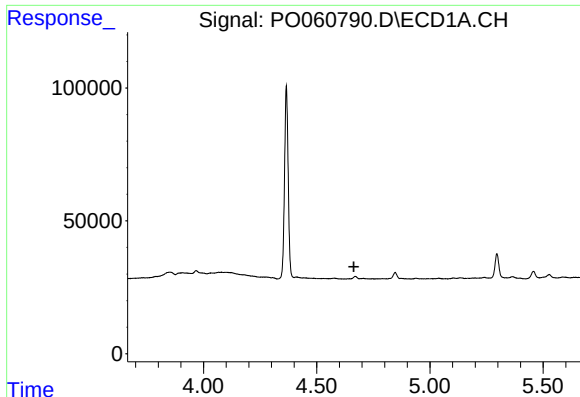
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.716 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

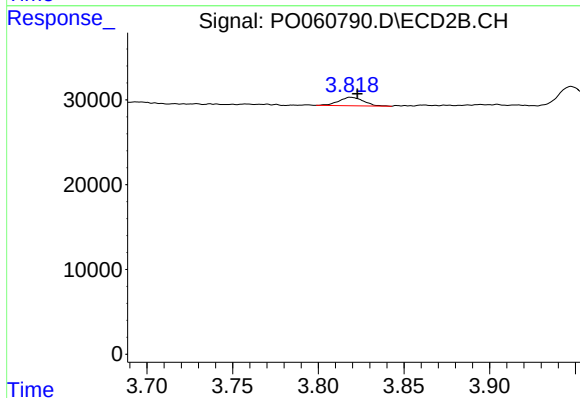
R.T.: 4.834 min  
Delta R.T.: 0.017 min  
Response: 4095  
Conc: 5.00 ng/ml



#9 AR-1221-2

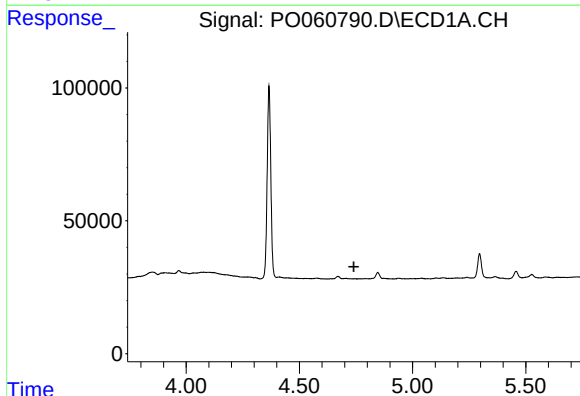
R.T.: 0.000 min  
Exp R.T.: 4.664 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



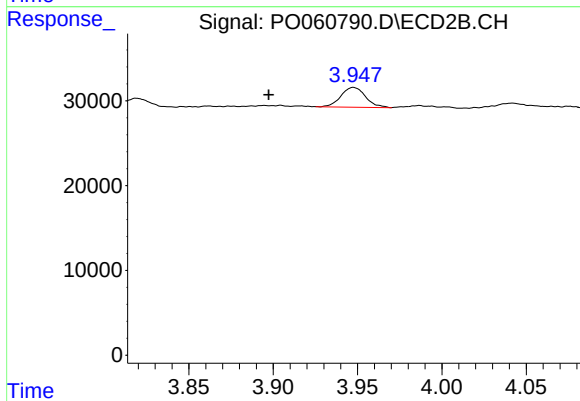
#9 AR-1221-2

R.T.: 3.819 min  
Delta R.T.: -0.004 min  
Response: 10062  
Conc: 35.80 ng/ml



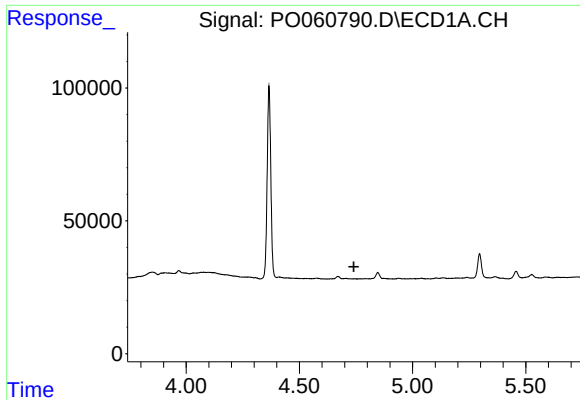
#10 AR-1221-3

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



#10 AR-1221-3

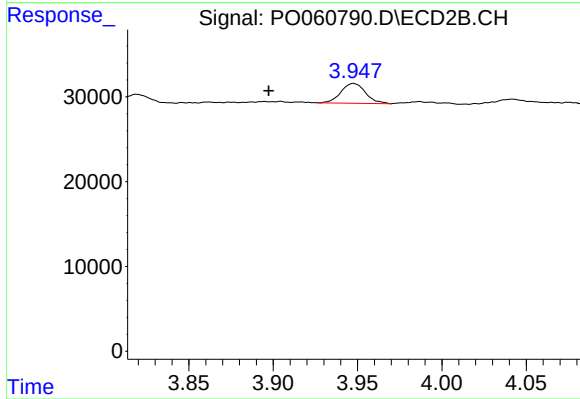
R.T.: 3.948 min  
Delta R.T.: 0.050 min  
Response: 23637  
Conc: 28.48 ng/ml



#11 AR-1232-1

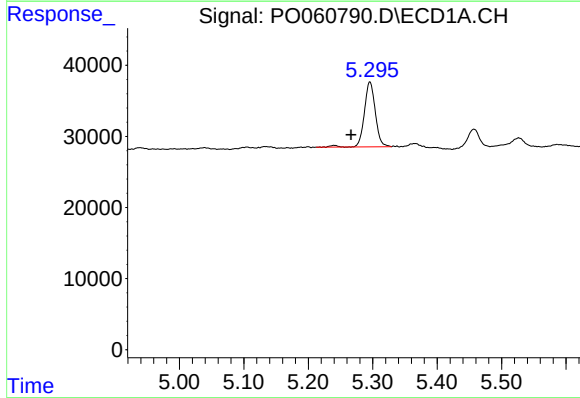
R.T.: 0.000 min  
Exp R.T.: 4.741 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



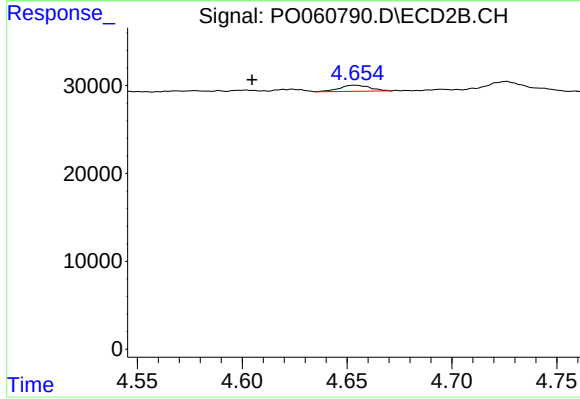
#11 AR-1232-1

R.T.: 3.948 min  
Delta R.T.: 0.050 min  
Response: 23637  
Conc: 25.94 ng/ml



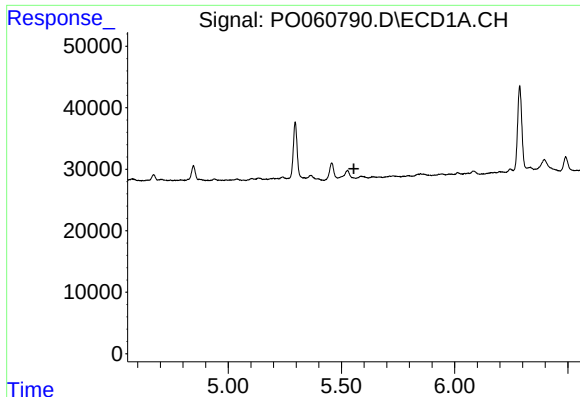
#12 AR-1232-2

R.T.: 5.296 min  
Delta R.T.: 0.029 min  
Response: 108600  
Conc: 167.49 ng/ml



#12 AR-1232-2

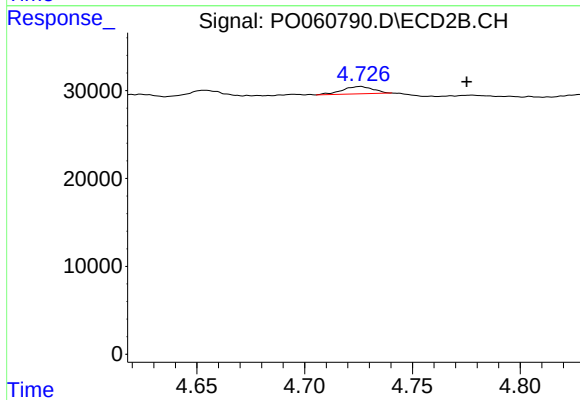
R.T.: 4.654 min  
Delta R.T.: 0.049 min  
Response: 7080  
Conc: 7.01 ng/ml



#13 AR-1232-3

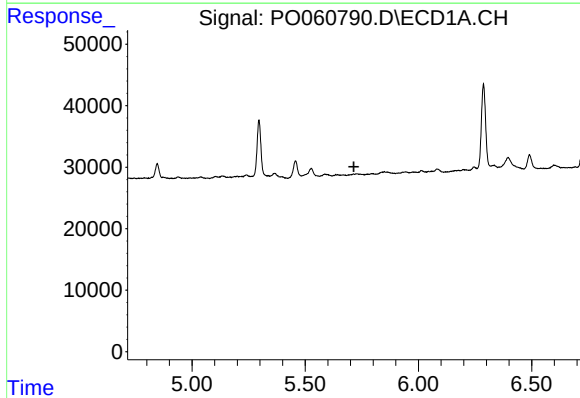
R.T.: 0.000 min  
Exp R.T.: 5.555 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



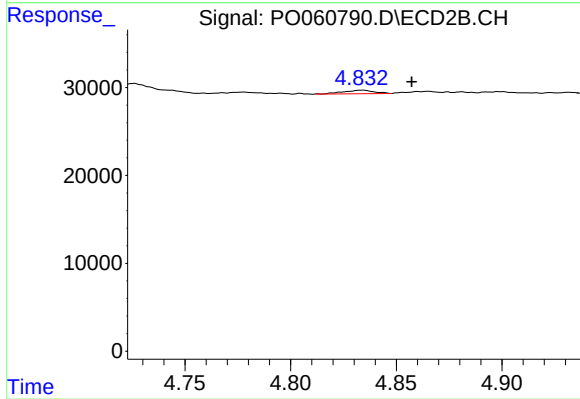
#13 AR-1232-3

R.T.: 4.726 min  
Delta R.T.: -0.049 min  
Response: 8363  
Conc: 14.90 ng/ml



#14 AR-1232-4

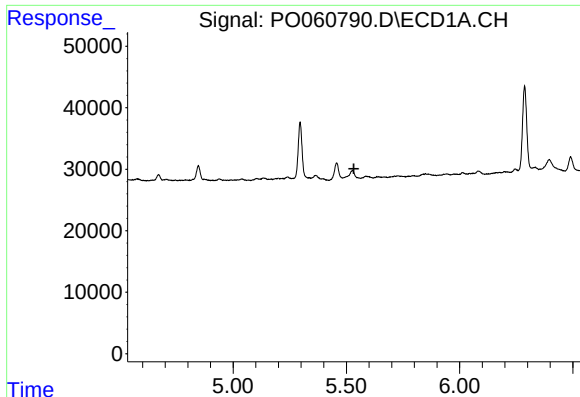
R.T.: 0.000 min  
Exp R.T.: 5.715 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

R.T.: 4.834 min  
Delta R.T.: -0.023 min  
Response: 4095  
Conc: 7.84 ng/ml

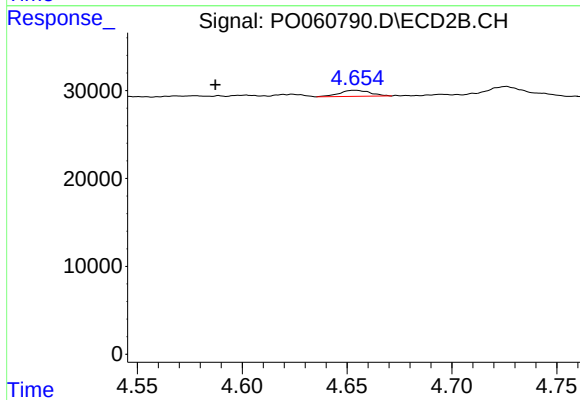




#16 AR-1242-1

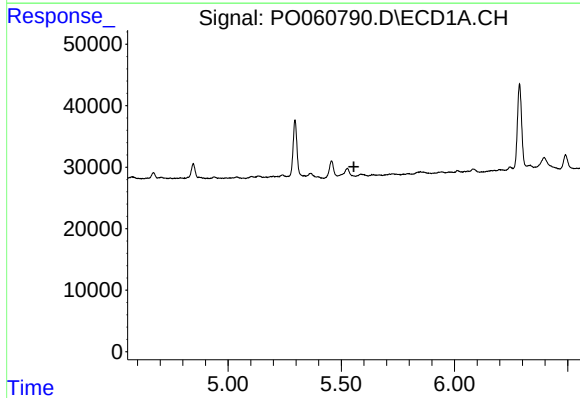
R.T.: 0.000 min  
Exp R.T.: 5.533 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



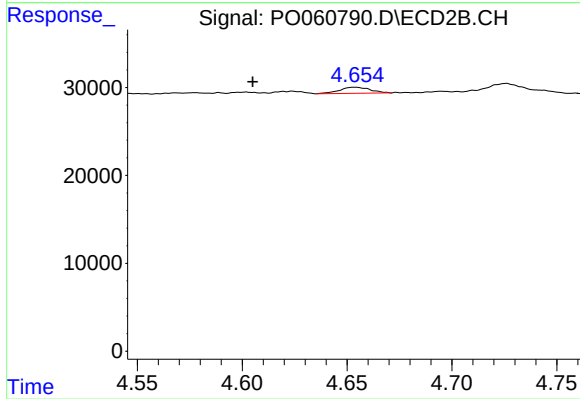
#16 AR-1242-1

R.T.: 4.654 min  
Delta R.T.: 0.067 min  
Response: 7080  
Conc: 7.78 ng/ml



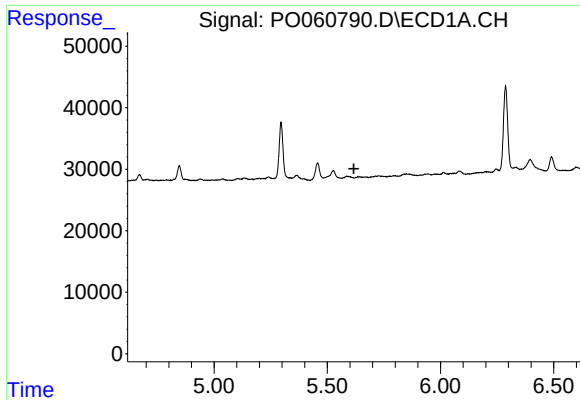
#17 AR-1242-2

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



#17 AR-1242-2

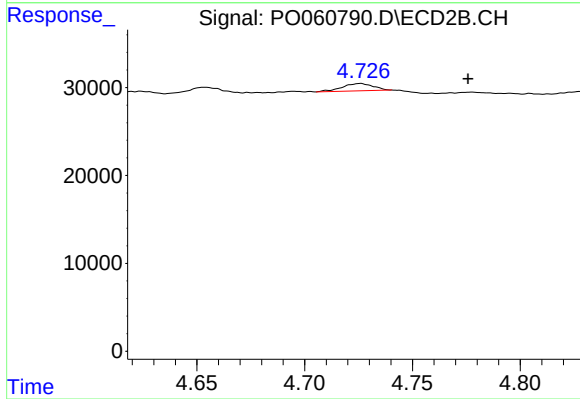
R.T.: 4.654 min  
Delta R.T.: 0.049 min  
Response: 7080  
Conc: 5.66 ng/ml



#18 AR-1242-3

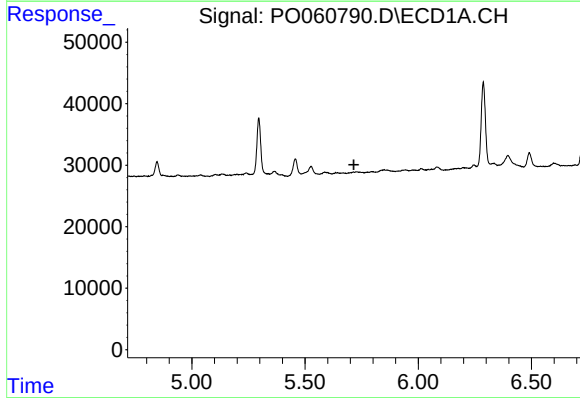
R.T.: 0.000 min  
Exp R.T.: 5.617 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



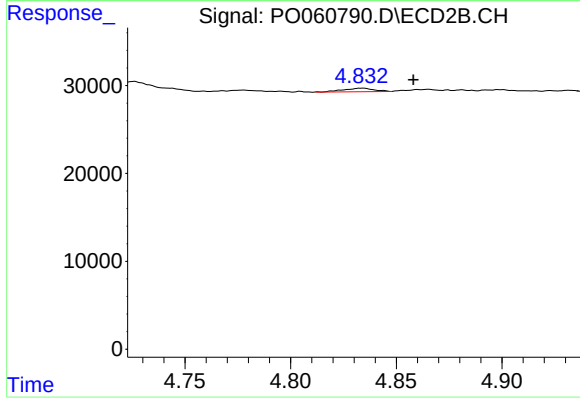
#18 AR-1242-3

R.T.: 4.726 min  
Delta R.T.: -0.050 min  
Response: 8363  
Conc: 11.70 ng/ml



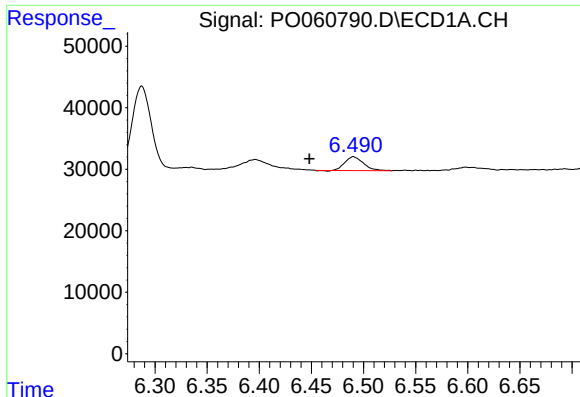
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.715 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

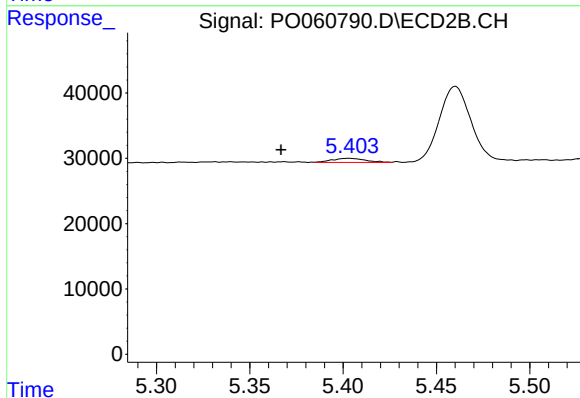
R.T.: 4.834 min  
Delta R.T.: -0.024 min  
Response: 4095  
Conc: 5.62 ng/ml



#20 AR-1242-5

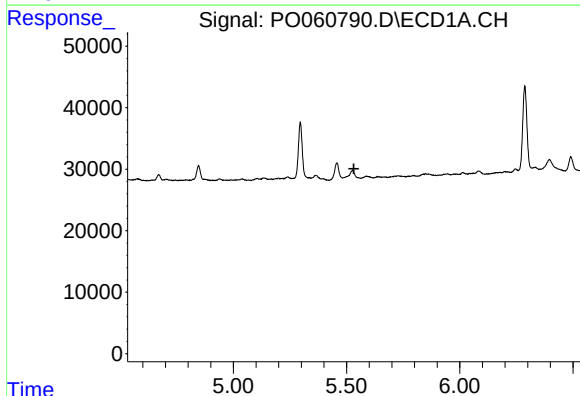
R.T.: 6.490 min  
Delta R.T.: 0.042 min  
Response: 27964  
Conc: 24.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



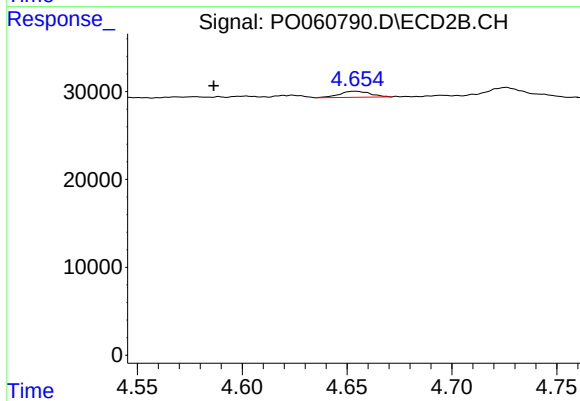
#20 AR-1242-5

R.T.: 5.403 min  
Delta R.T.: 0.037 min  
Response: 7794  
Conc: 7.87 ng/ml



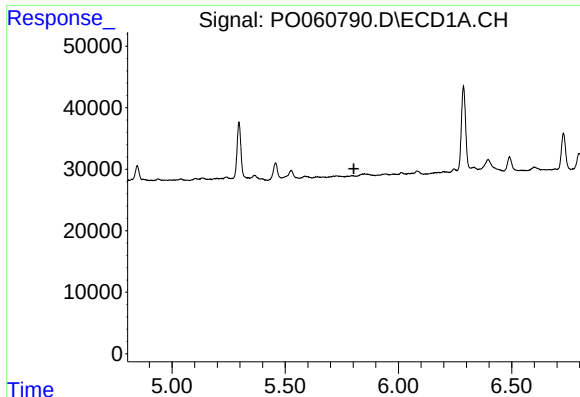
#21 AR-1248-1

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



#21 AR-1248-1

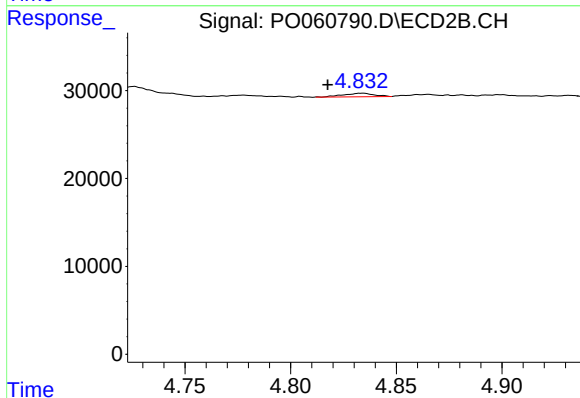
R.T.: 4.654 min  
Delta R.T.: 0.068 min  
Response: 7080  
Conc: 9.98 ng/ml



#22 AR-1248-2

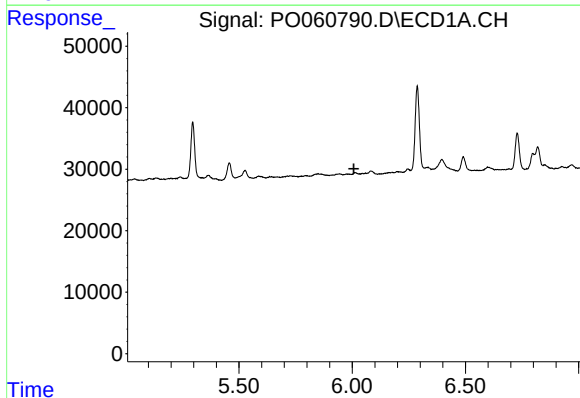
R.T.: 0.000 min  
Exp R.T.: 5.804 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



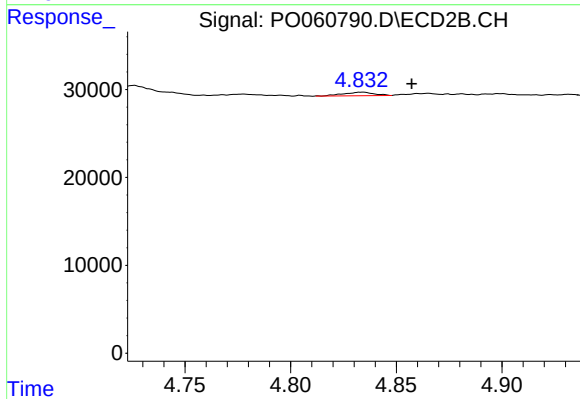
#22 AR-1248-2

R.T.: 4.834 min  
Delta R.T.: 0.017 min  
Response: 4095  
Conc: 4.24 ng/ml



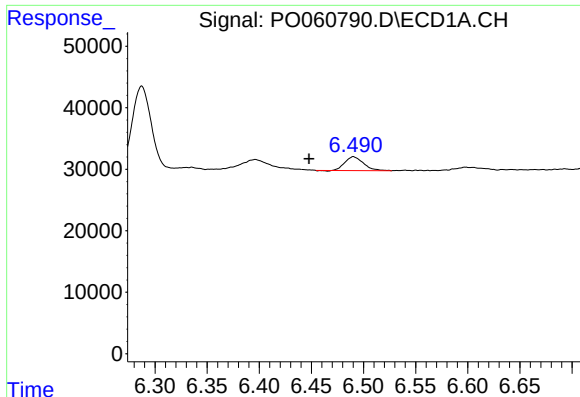
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T.: 6.007 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

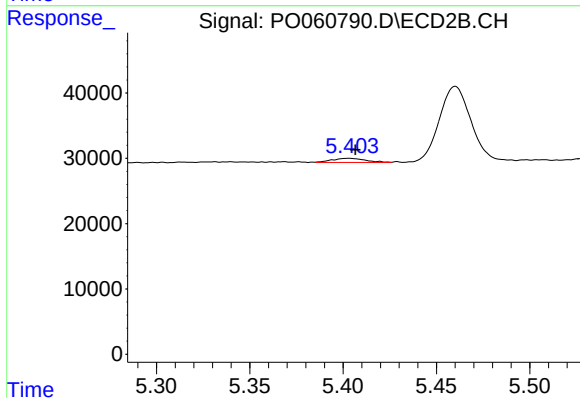
R.T.: 4.834 min  
Delta R.T.: -0.023 min  
Response: 4095  
Conc: 4.07 ng/ml



#25 AR-1248-5

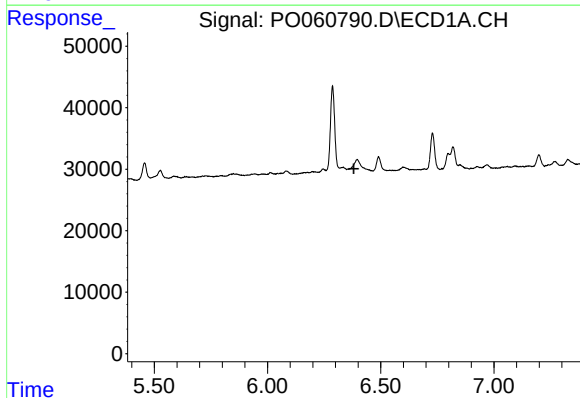
R.T.: 6.490 min  
Delta R.T.: 0.043 min  
Response: 27964  
Conc: 15.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



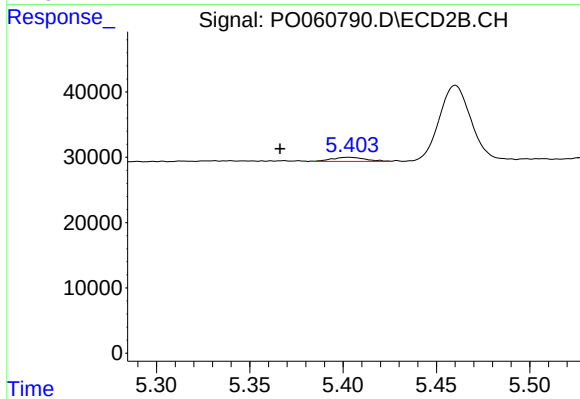
#25 AR-1248-5

R.T.: 5.403 min  
Delta R.T.: -0.003 min  
Response: 7794  
Conc: 6.17 ng/ml



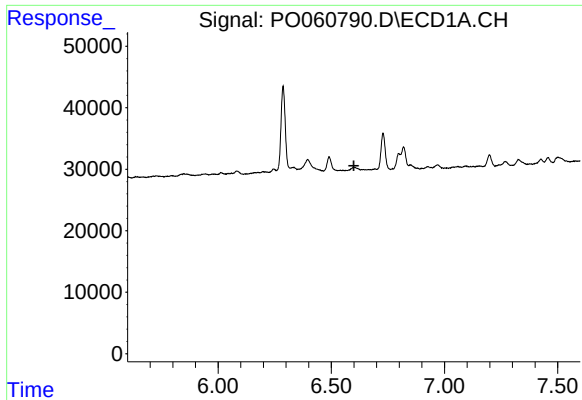
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 6.382 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

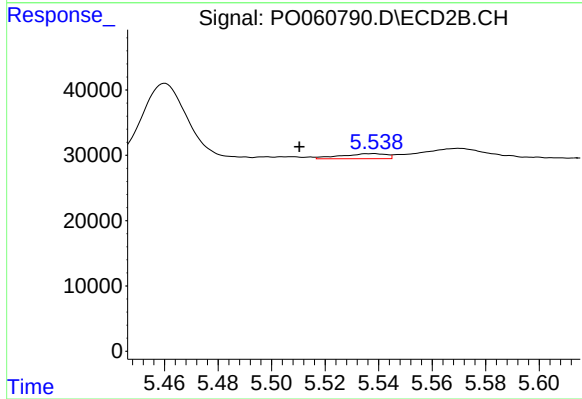
R.T.: 5.403 min  
Delta R.T.: 0.037 min  
Response: 7794  
Conc: 3.78 ng/ml



#27 AR-1254-2

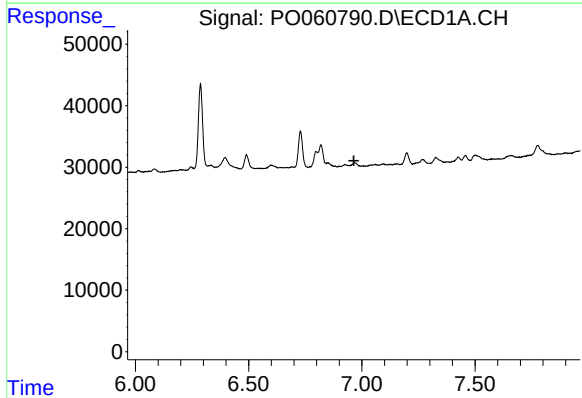
R.T.: 0.000 min  
Exp R.T.: 6.600 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



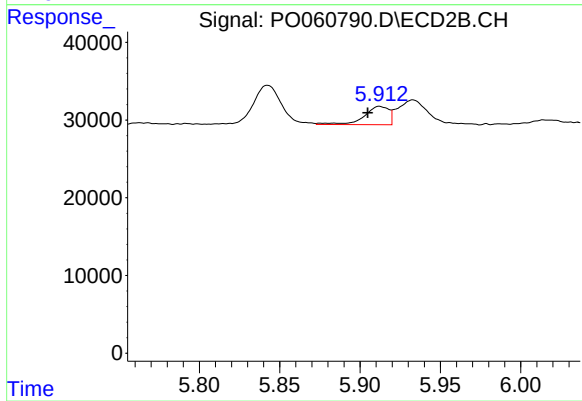
#27 AR-1254-2

R.T.: 5.538 min  
Delta R.T.: 0.028 min  
Response: 9073  
Conc: 4.81 ng/ml



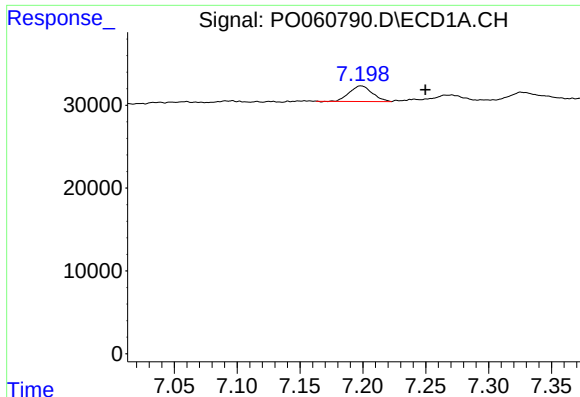
#28 AR-1254-3

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



#28 AR-1254-3

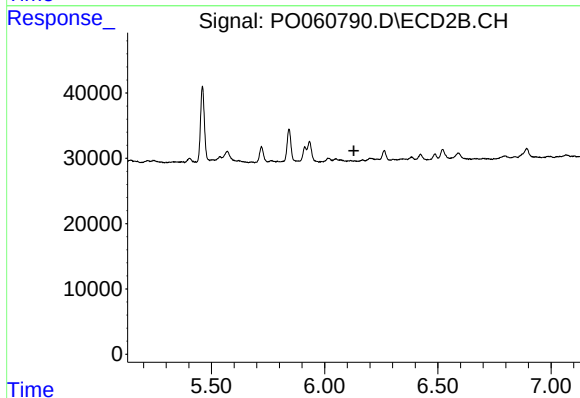
R.T.: 5.912 min  
Delta R.T.: 0.007 min  
Response: 25286  
Conc: 7.95 ng/ml



#29 AR-1254-4

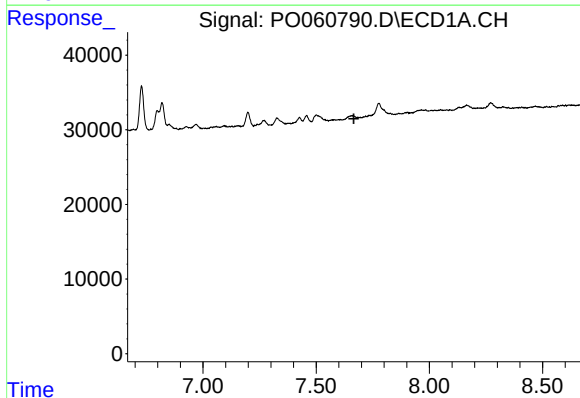
R.T.: 7.199 min  
Delta R.T.: -0.051 min  
Response: 23861  
Conc: 8.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



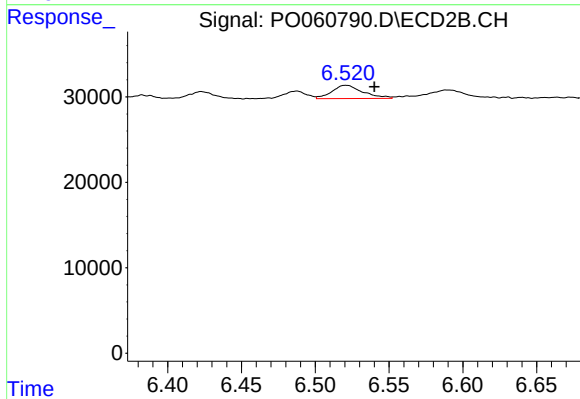
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.129 min  
Response: 0  
Conc: N.D.



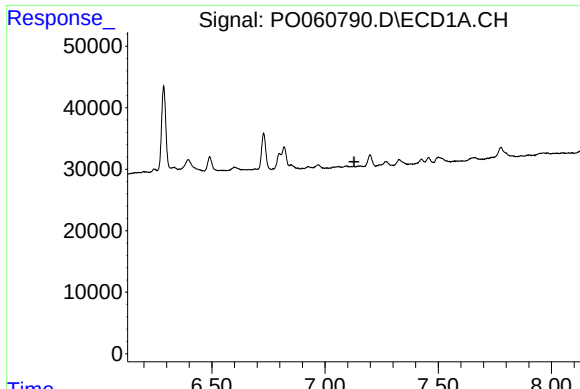
#30 AR-1254-5

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



#30 AR-1254-5

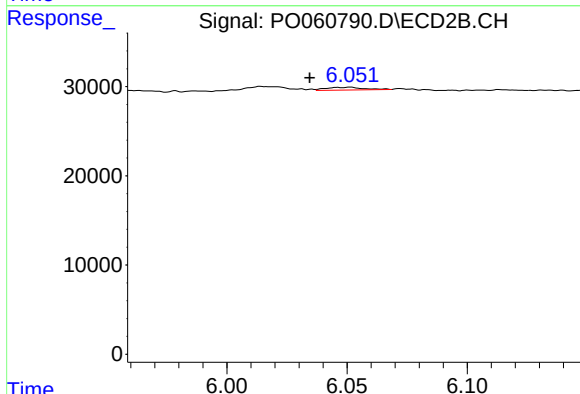
R.T.: 6.521 min  
Delta R.T.: -0.019 min  
Response: 22839  
Conc: 7.22 ng/ml



#31 AR-1260-1

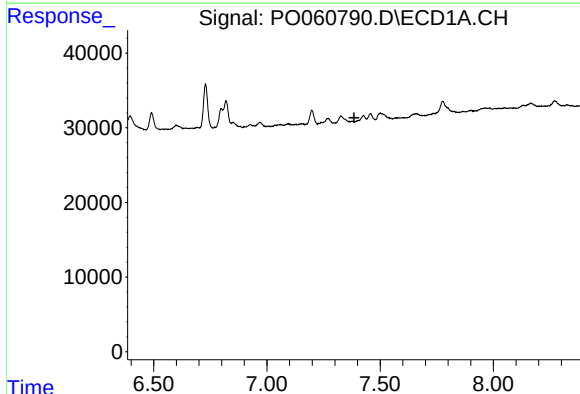
R.T.: 0.000 min  
Exp R.T.: 7.128 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



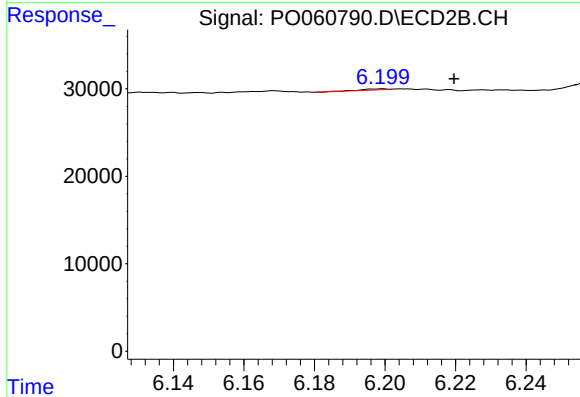
#31 AR-1260-1

R.T.: 6.051 min  
Delta R.T.: 0.017 min  
Response: 3344  
Conc: 1.59 ng/ml



#32 AR-1260-2

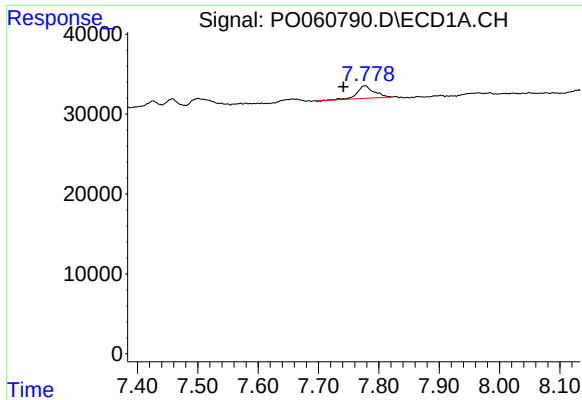
R.T.: 0.000 min  
Exp R.T.: 7.384 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

R.T.: 6.199 min  
Delta R.T.: -0.020 min  
Response: 456  
Conc: 0.18 ng/ml

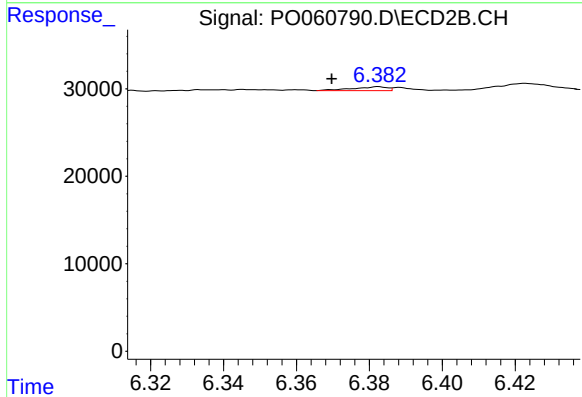




#33 AR-1260-3

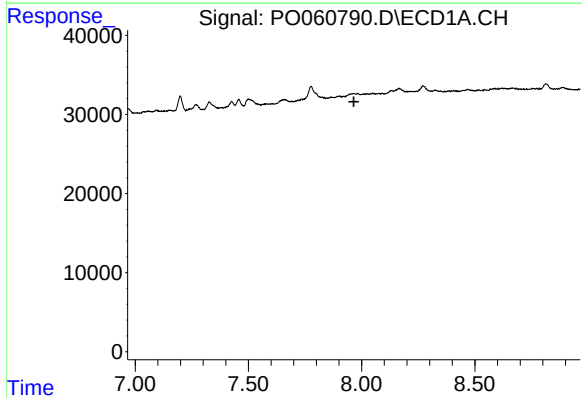
R.T.: 7.777 min  
Delta R.T.: 0.036 min  
Response: 29946  
Conc: 12.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



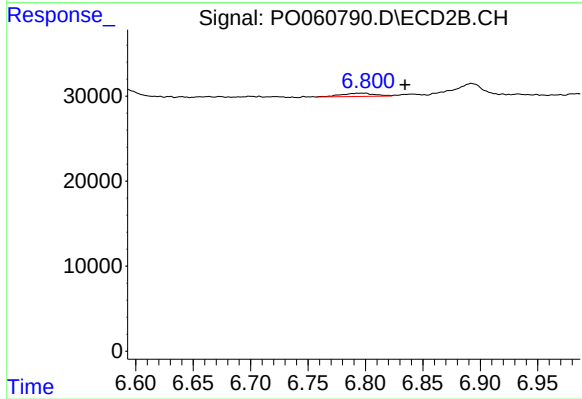
#33 AR-1260-3

R.T.: 6.383 min  
Delta R.T.: 0.013 min  
Response: 2910  
Conc: 1.21 ng/ml



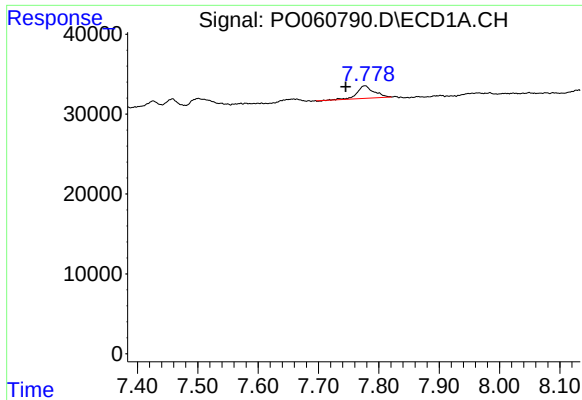
#34 AR-1260-4

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



#34 AR-1260-4

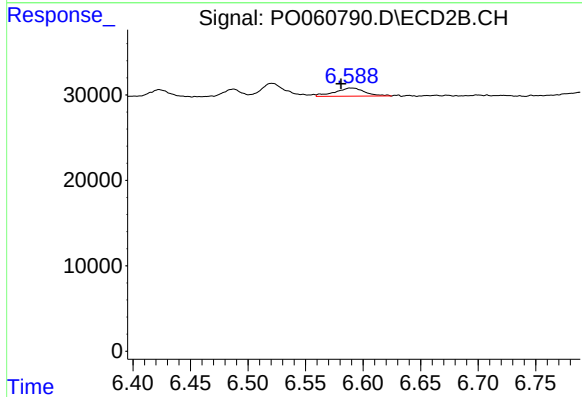
R.T.: 6.800 min  
Delta R.T.: -0.034 min  
Response: 7987  
Conc: 3.73 ng/ml



#36 AR-1262-1

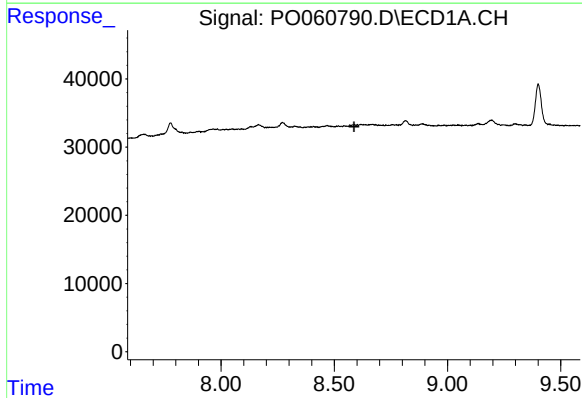
R.T.: 7.777 min  
Delta R.T.: 0.032 min  
Response: 29946  
Conc: 8.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



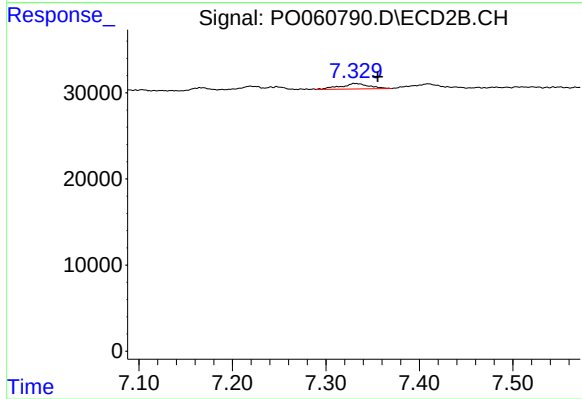
#36 AR-1262-1

R.T.: 6.589 min  
Delta R.T.: 0.008 min  
Response: 17498  
Conc: 5.86 ng/ml



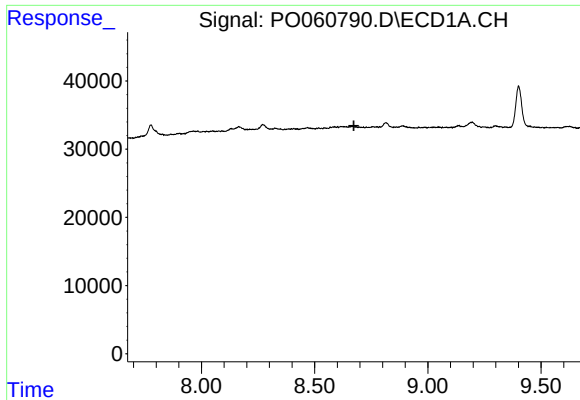
#38 AR-1262-3

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



#38 AR-1262-3

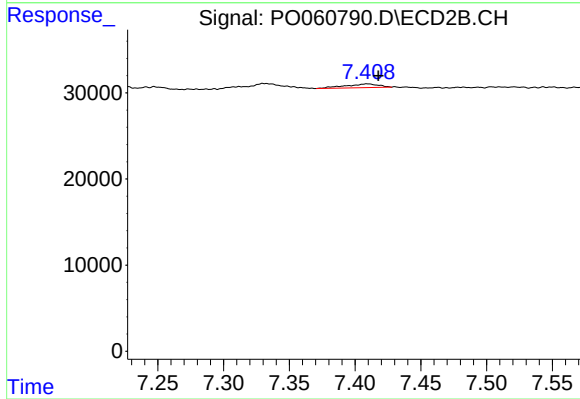
R.T.: 7.330 min  
Delta R.T.: -0.026 min  
Response: 13219  
Conc: 6.23 ng/ml



#39 AR-1262-4

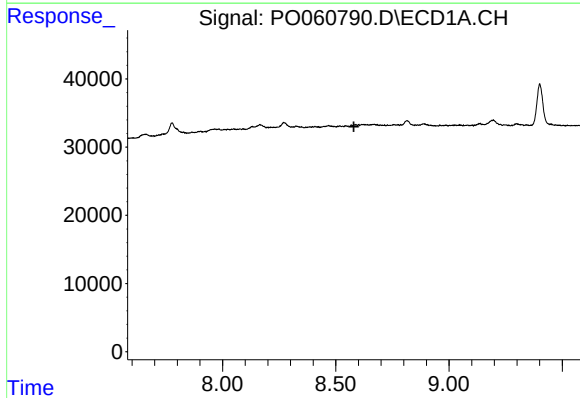
R.T.: 0.000 min  
Exp R.T. : 8.673 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



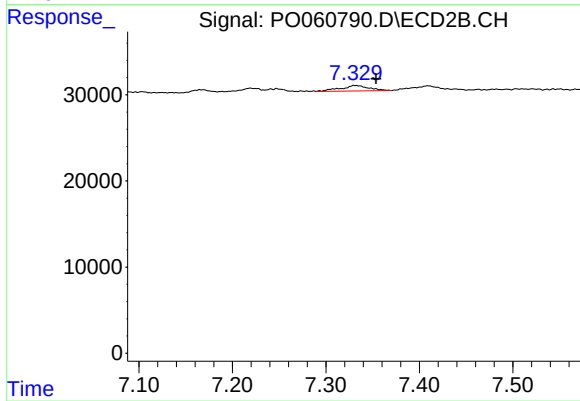
#39 AR-1262-4

R.T.: 7.409 min  
Delta R.T.: -0.009 min  
Response: 7638  
Conc: 2.00 ng/ml



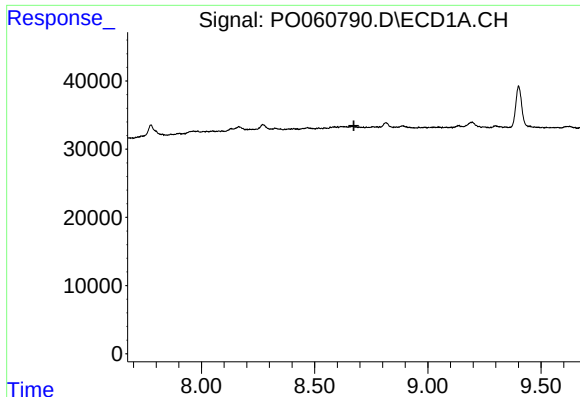
#41 AR-1268-1

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



#41 AR-1268-1

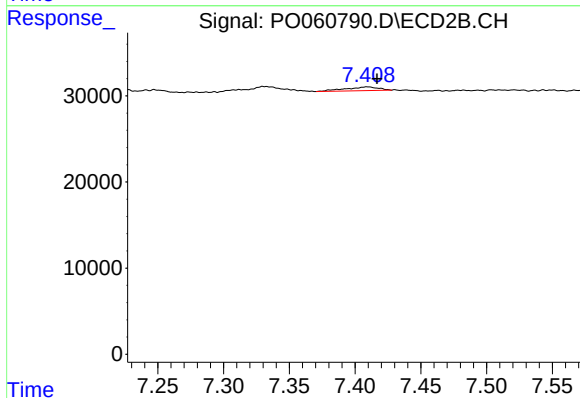
R.T.: 7.330 min  
Delta R.T.: -0.024 min  
Response: 13219  
Conc: 2.25 ng/ml



#42 AR-1268-2

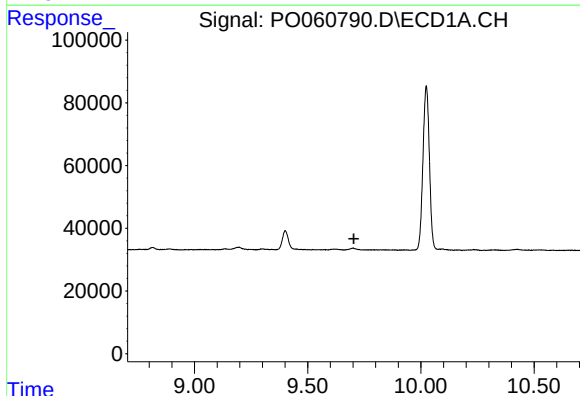
R.T.: 0.000 min  
Exp R.T. : 8.673 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
IDW-GW800-091119



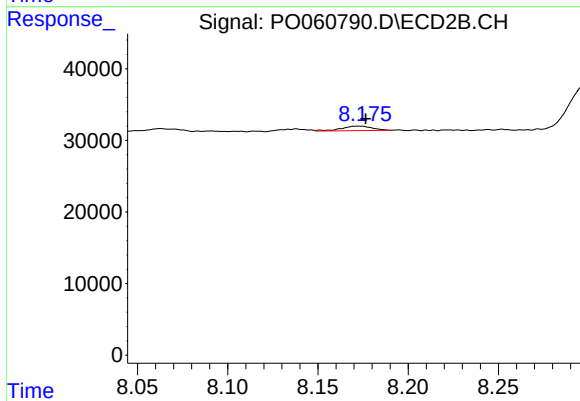
#42 AR-1268-2

R.T.: 7.409 min  
Delta R.T.: -0.008 min  
Response: 7638  
Conc: 1.43 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.: 8.172 min  
Delta R.T.: -0.005 min  
Response: 7563  
Conc: 0.63 ng/ml