

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0061421\  
 Data File : P0078748.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 14 Jun 2021 10:24  
 Operator : DD\AJ  
 Sample : M2678-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 15 01:28:14 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0061321.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Jun 14 05:33:30 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

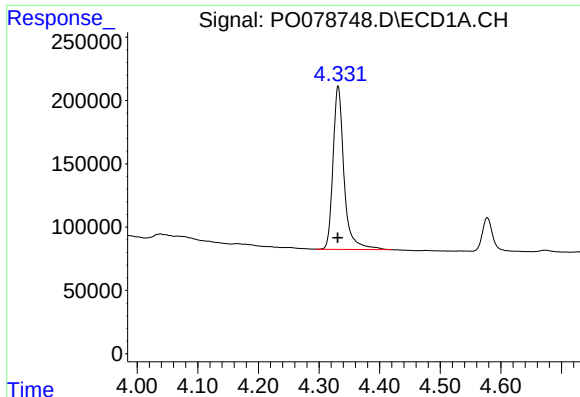
Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2 | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|---------|--------|---------|----------|
| -----                       |                 |       |       |         |        |         |          |
| System Monitoring Compounds |                 |       |       |         |        |         |          |
| 1)                          | SA Tetrachlo... | 4.332 | 3.608 | 1626943 | 662717 | 19.216  | 19.144   |
| 2)                          | SA Decachlor... | 9.940 | 8.791 | 983114  | 519975 | 16.753  | 16.724   |
| Target Compounds            |                 |       |       |         |        |         |          |
| 3)                          | L1 AR-1016-1    | 5.612 | 0.000 | 18894   | 0      | 7.400   | N.D. #   |
| 4)                          | L1 AR-1016-2    | 5.652 | 0.000 | 22988   | 0      | 5.900   | N.D. #   |
| 5)                          | L1 AR-1016-3    | 5.716 | 0.000 | 1790    | 0      | 0.760   | N.D. #   |
| 7)                          | L1 AR-1016-5    | 6.127 | 0.000 | 1200    | 0      | 0.670   | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.577 | 0.000 | 310348  | 0      | 344.875 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.671 | 0.000 | 17295   | 0      | 26.067  | N.D. #   |
| 10)                         | L2 AR-1221-3    | 4.761 | 0.000 | 9361    | 0      | 4.393   | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.761 | 0.000 | 9361    | 0      | 5.623   | N.D. #   |
| 13)                         | L3 AR-1232-3    | 5.652 | 0.000 | 22988   | 0      | 14.409  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.920 | 0.000 | 22098   | 0      | 42.287  | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.612 | 0.000 | 18894   | 0      | 9.591   | N.D. #   |
| 17)                         | L4 AR-1242-2    | 5.652 | 0.000 | 22988   | 0      | 7.615   | N.D. #   |
| 18)                         | L4 AR-1242-3    | 5.716 | 0.000 | 1790    | 0      | 0.980   | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.590 | 5.690 | 104607  | 24624  | 69.562  | 27.524 # |
| 21)                         | L5 AR-1248-1    | 5.612 | 0.000 | 18894   | 0      | 12.300  | N.D. #   |
| 22)                         | L5 AR-1248-2    | 5.920 | 0.000 | 22098   | 0      | 10.590  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 6.127 | 0.000 | 1200    | 0      | 0.489   | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.551 | 0.000 | 74446   | 0      | 28.430  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.590 | 0.000 | 104607  | 0      | 41.398  | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.522 | 5.690 | 96999   | 24624  | 35.386  | 13.937 # |
| 27)                         | L6 AR-1254-2    | 6.749 | 5.848 | 169058  | 22872  | 39.970  | 14.117 # |
| 28)                         | L6 AR-1254-3    | 7.125 | 6.261 | 77187   | 25834  | 17.729  | 10.627 # |
| 29)                         | L6 AR-1254-4    | 7.416 | 6.499 | 39683   | 23285  | 12.891  | 15.551   |
| 30)                         | L6 AR-1254-5    | 7.840 | 6.921 | 45697   | 27483  | 13.257  | 11.972   |
| 31)                         | L7 AR-1260-1    | 7.289 | 6.396 | 39452   | 28107  | 12.549  | 16.728 # |
| 32)                         | L7 AR-1260-2    | 7.555 | 6.592 | 101463  | 29820  | 27.445  | 14.797 # |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.742 | 0       | 12998  | N.D.    | 6.663 #  |
| 34)                         | L7 AR-1260-4    | 8.135 | 0.000 | 41678   | 0      | 13.194  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.453 | 7.466 | 35499   | 26652  | 5.817   | 7.245    |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.921 | 0       | 27483  | N.D.    | 23.091 # |
| 37)                         | L8 AR-1262-2    | 8.453 | 7.466 | 35499   | 26652  | 5.138   | 6.746 #  |
| 38)                         | L8 AR-1262-3    | 8.728 | 0.000 | 8339    | 0      | 1.762   | N.D. #   |
| 39)                         | L8 AR-1262-4    | 8.809 | 0.000 | 22726   | 0      | 6.281   | N.D. #   |
| 41)                         | L9 AR-1268-1    | 8.728 | 0.000 | 8339    | 0      | 1.060   | N.D. #   |
| 42)                         | L9 AR-1268-2    | 8.809 | 0.000 | 22726   | 0      | 3.148   | N.D. #   |
| 45)                         | L9 AR-1268-5    | 9.677 | 0.000 | 18850   | 0      | 0.957   | N.D. #   |
| -----                       |                 |       |       |         |        |         |          |

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

Instrument :  
ECD\_O  
ClientSampleId :

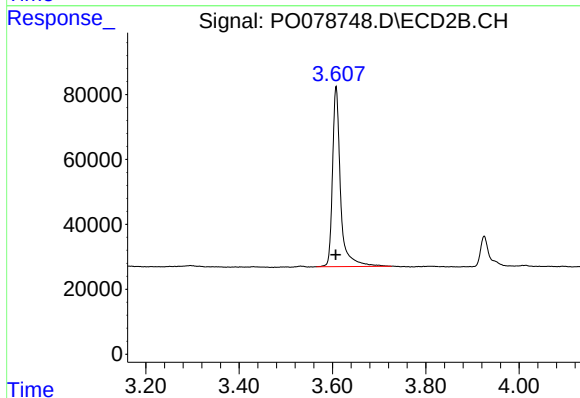




#1 Tetrachloro-m-xylene

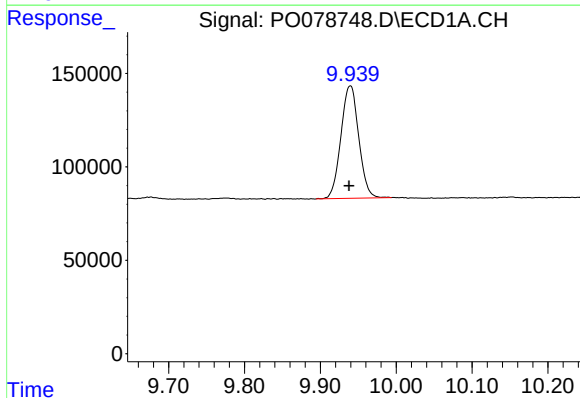
R.T.: 4.332 min  
Delta R.T.: 0.000 min  
Response: 1626943  
Conc: 19.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



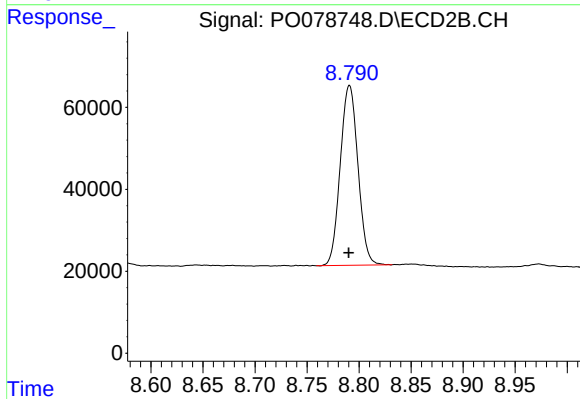
#1 Tetrachloro-m-xylene

R.T.: 3.608 min  
Delta R.T.: 0.000 min  
Response: 662717  
Conc: 19.14 ng/ml



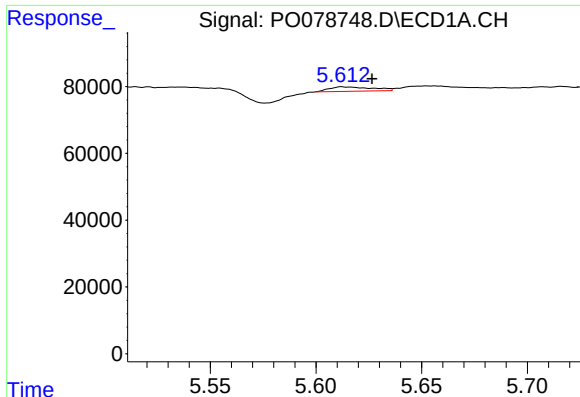
#2 Decachlorobiphenyl

R.T.: 9.940 min  
Delta R.T.: 0.002 min  
Response: 983114  
Conc: 16.75 ng/ml



#2 Decachlorobiphenyl

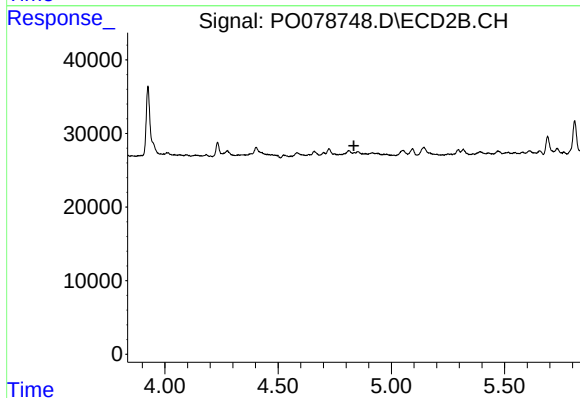
R.T.: 8.791 min  
Delta R.T.: 0.000 min  
Response: 519975  
Conc: 16.72 ng/ml



#3 AR-1016-1

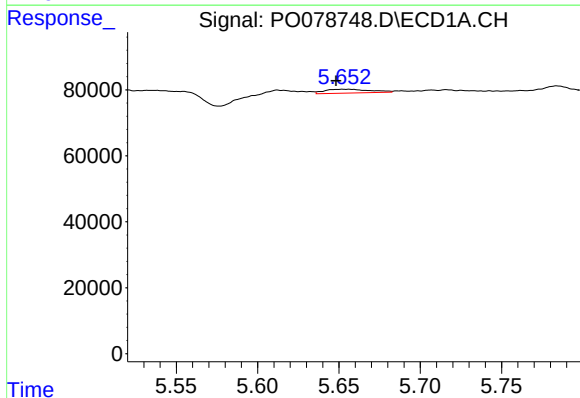
R.T.: 5.612 min  
Delta R.T.: -0.014 min  
Response: 18894  
Conc: 7.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



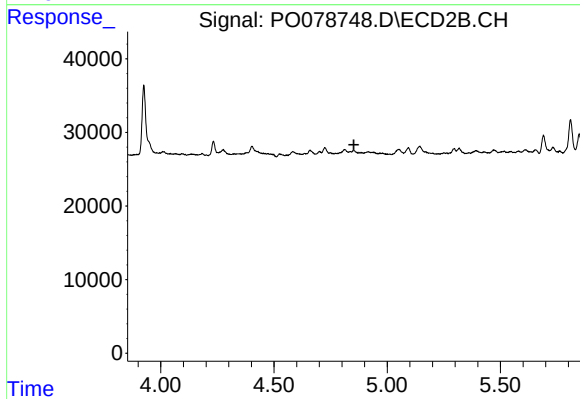
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.834 min  
Response: 0  
Conc: N.D.



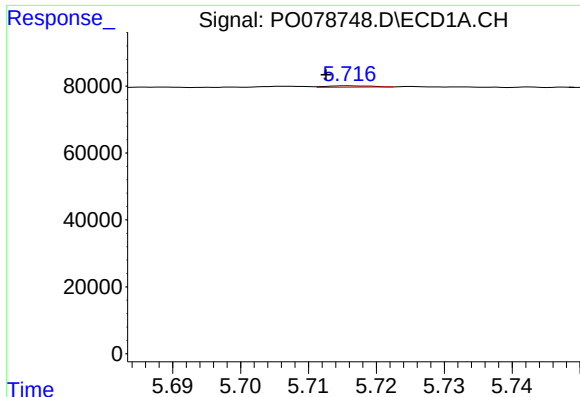
#4 AR-1016-2

R.T.: 5.652 min  
Delta R.T.: 0.004 min  
Response: 22988  
Conc: 5.90 ng/ml



#4 AR-1016-2

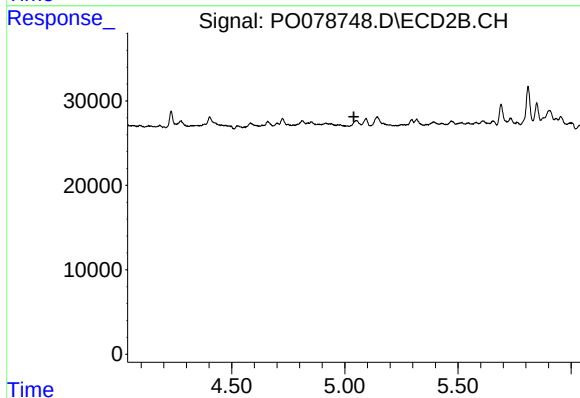
R.T.: 0.000 min  
Exp R.T. : 4.853 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

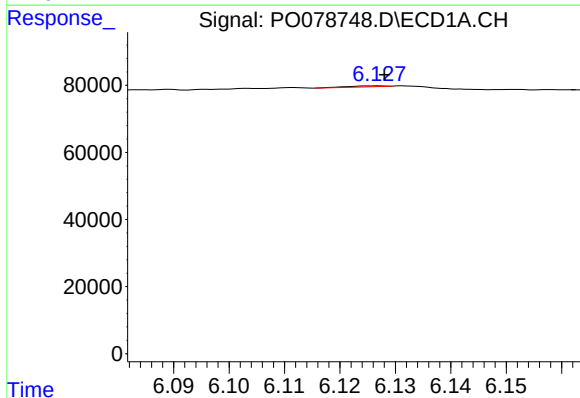
R.T.: 5.716 min  
Delta R.T.: 0.003 min  
Response: 1790  
Conc: 0.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



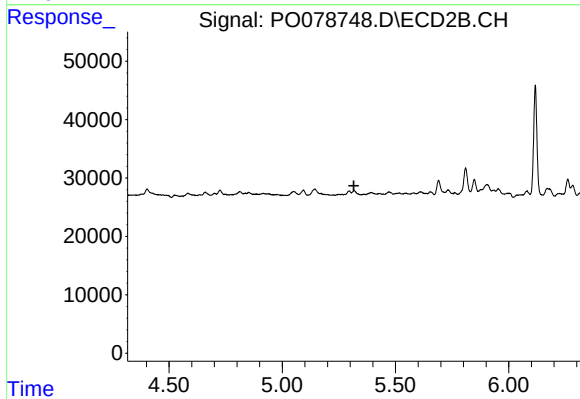
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.040 min  
Response: 0  
Conc: N.D.



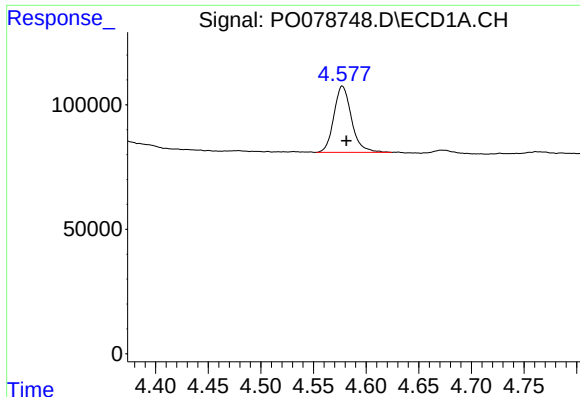
#7 AR-1016-5

R.T.: 6.127 min  
Delta R.T.: -0.001 min  
Response: 1200  
Conc: 0.67 ng/ml



#7 AR-1016-5

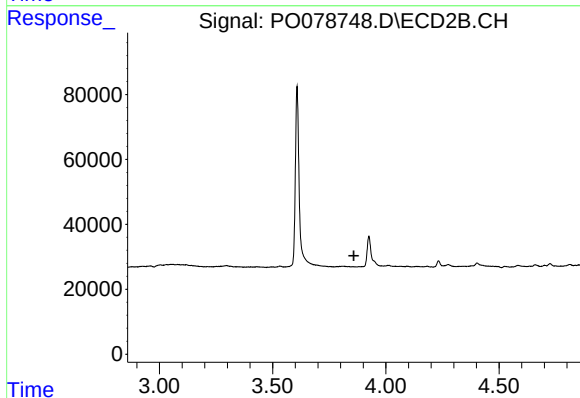
R.T.: 0.000 min  
Exp R.T. : 5.316 min  
Response: 0  
Conc: N.D.



#8 AR-1221-1

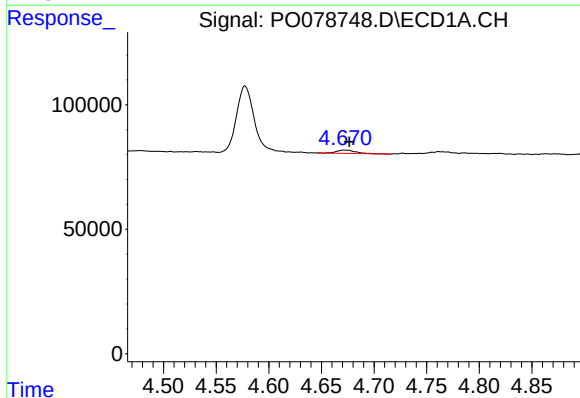
R.T.: 4.577 min  
Delta R.T.: -0.004 min  
Response: 310348  
Conc: 344.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



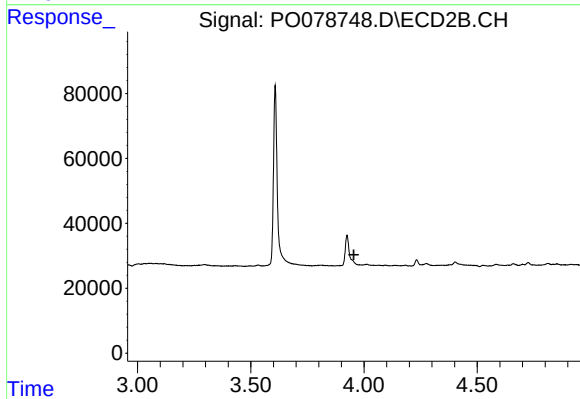
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 3.859 min  
Response: 0  
Conc: N.D.



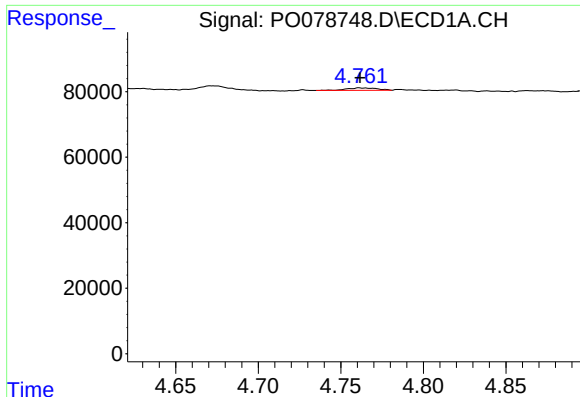
#9 AR-1221-2

R.T.: 4.671 min  
Delta R.T.: -0.006 min  
Response: 17295  
Conc: 26.07 ng/ml



#9 AR-1221-2

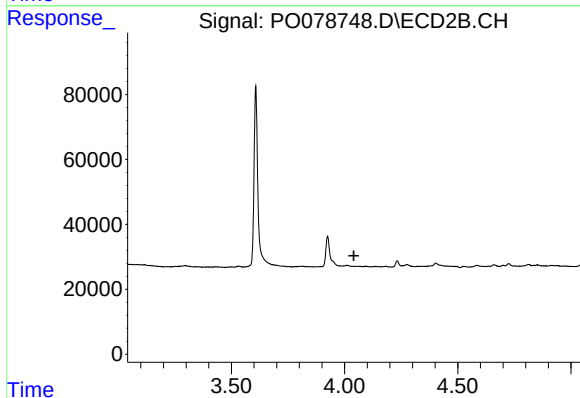
R.T.: 0.000 min  
Exp R.T. : 3.956 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

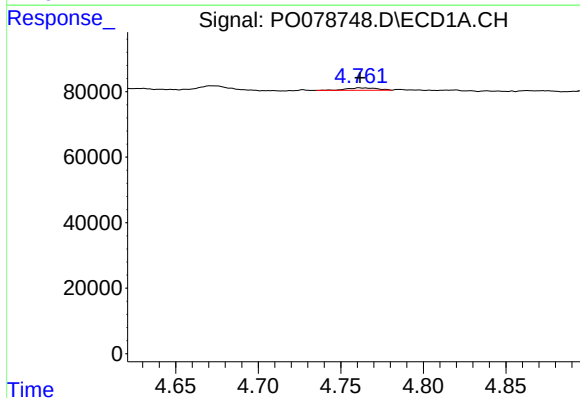
R.T.: 4.761 min  
Delta R.T.: 0.000 min  
Response: 9361  
Conc: 4.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



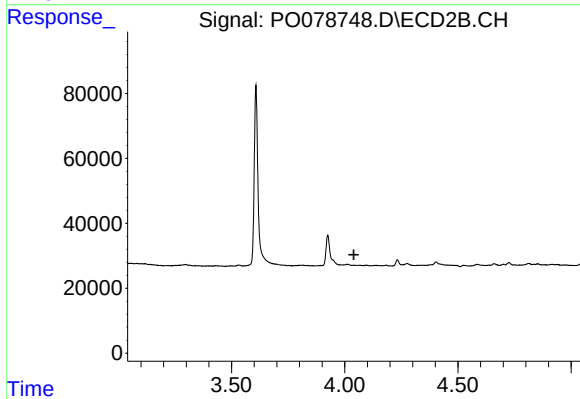
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.041 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

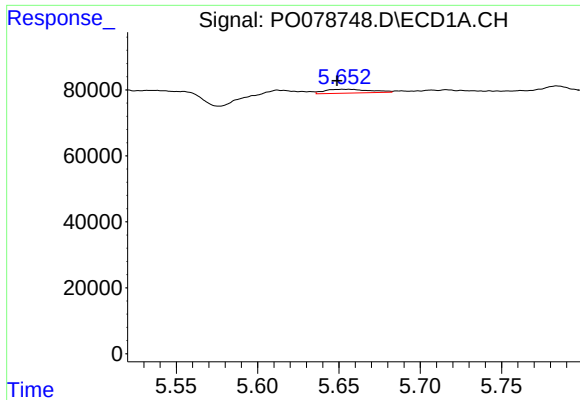
R.T.: 4.761 min  
Delta R.T.: 0.000 min  
Response: 9361  
Conc: 5.62 ng/ml



#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.041 min  
Response: 0  
Conc: N.D.

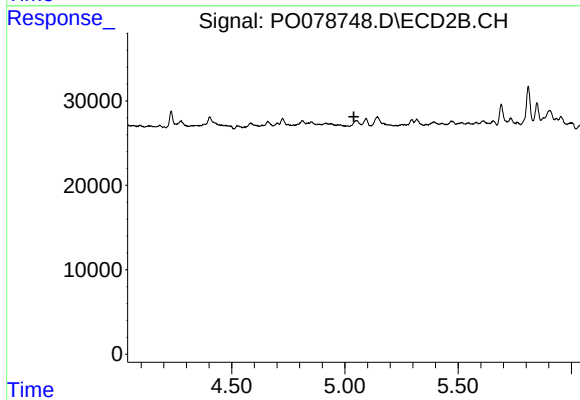




#13 AR-1232-3

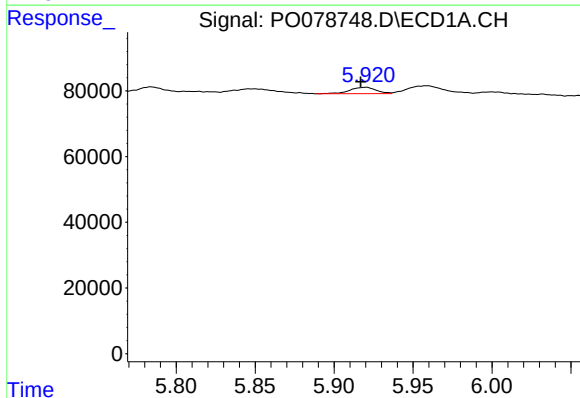
R.T.: 5.652 min  
Delta R.T.: 0.004 min  
Response: 22988  
Conc: 14.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



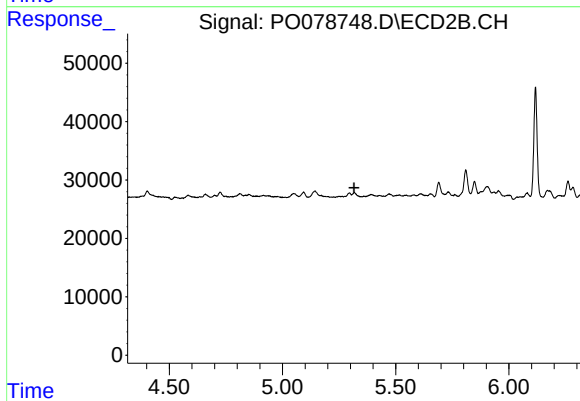
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.040 min  
Response: 0  
Conc: N.D.



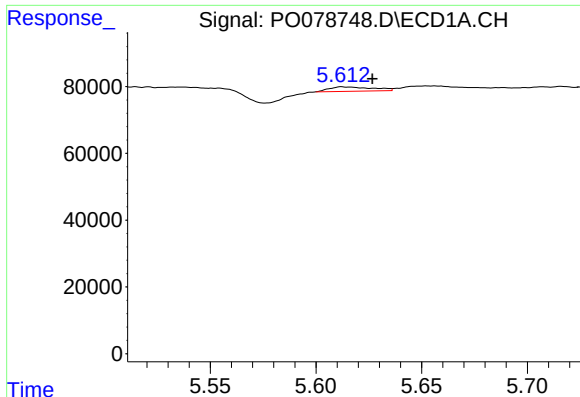
#15 AR-1232-5

R.T.: 5.920 min  
Delta R.T.: 0.003 min  
Response: 22098  
Conc: 42.29 ng/ml



#15 AR-1232-5

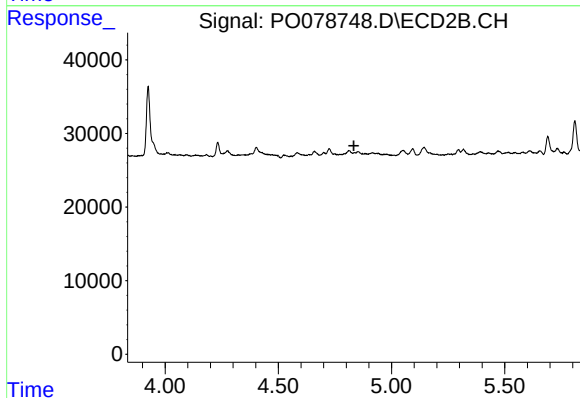
R.T.: 0.000 min  
Exp R.T. : 5.316 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

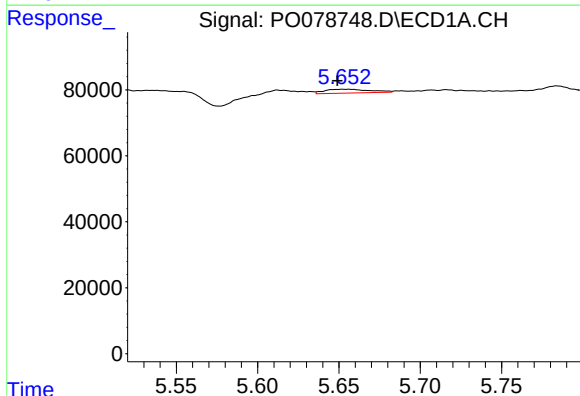
R.T.: 5.612 min  
Delta R.T.: -0.015 min  
Response: 18894  
Conc: 9.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



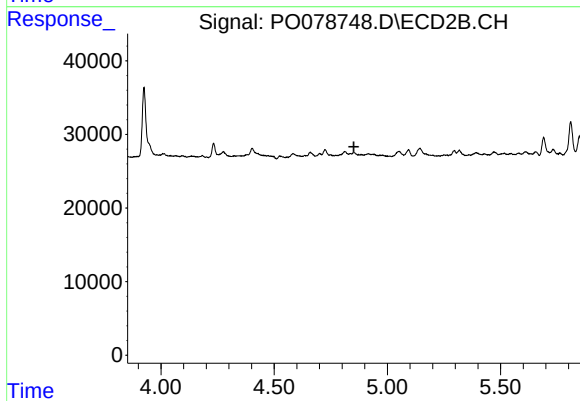
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 4.834 min  
Response: 0  
Conc: N.D.



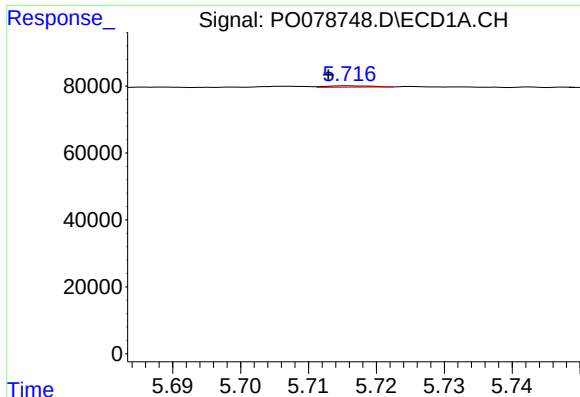
#17 AR-1242-2

R.T.: 5.652 min  
Delta R.T.: 0.003 min  
Response: 22988  
Conc: 7.61 ng/ml



#17 AR-1242-2

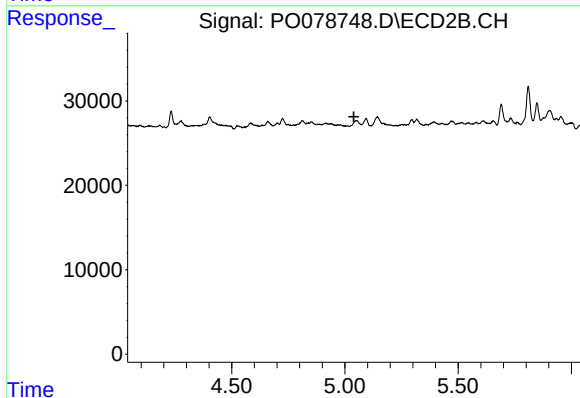
R.T.: 0.000 min  
Exp R.T. : 4.852 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

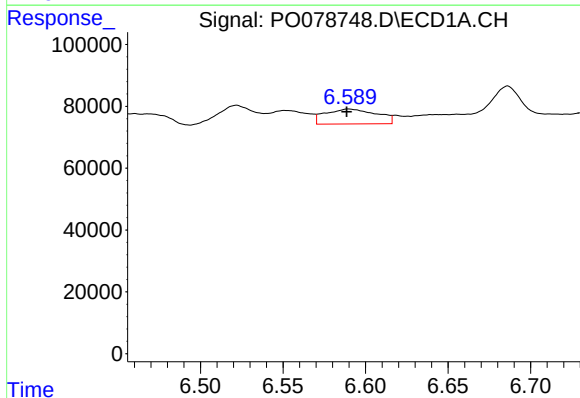
R.T.: 5.716 min  
Delta R.T.: 0.003 min  
Response: 1790  
Conc: 0.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



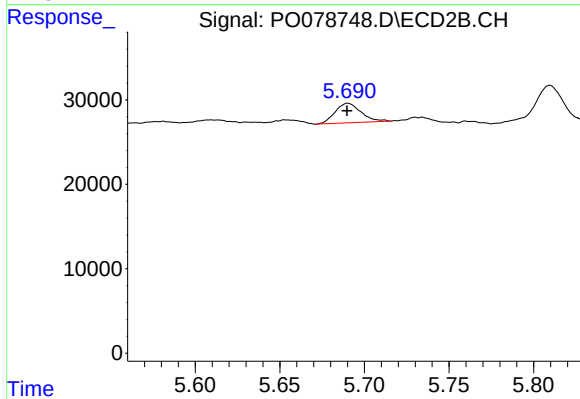
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.040 min  
Response: 0  
Conc: N.D.



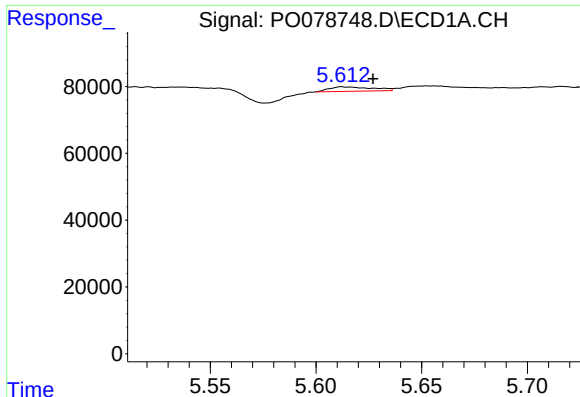
#20 AR-1242-5

R.T.: 6.590 min  
Delta R.T.: 0.001 min  
Response: 104607  
Conc: 69.56 ng/ml



#20 AR-1242-5

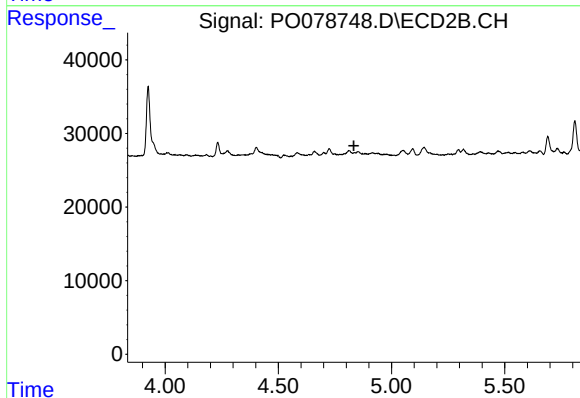
R.T.: 5.690 min  
Delta R.T.: 0.000 min  
Response: 24624  
Conc: 27.52 ng/ml



#21 AR-1248-1

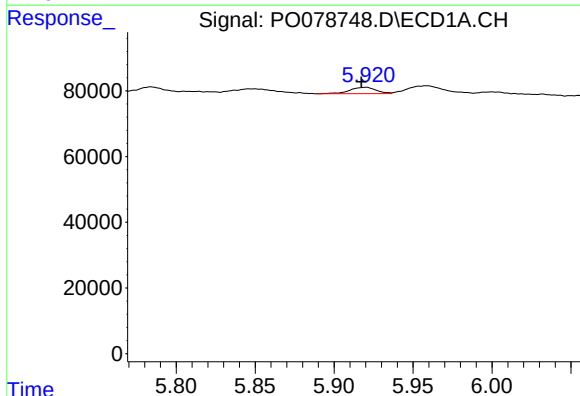
R.T.: 5.612 min  
Delta R.T.: -0.015 min  
Response: 18894  
Conc: 12.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



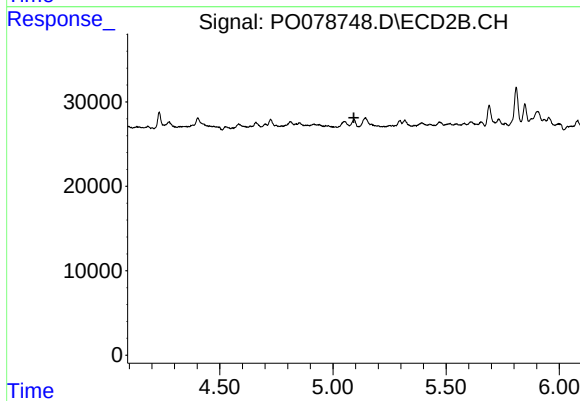
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.833 min  
Response: 0  
Conc: N.D.



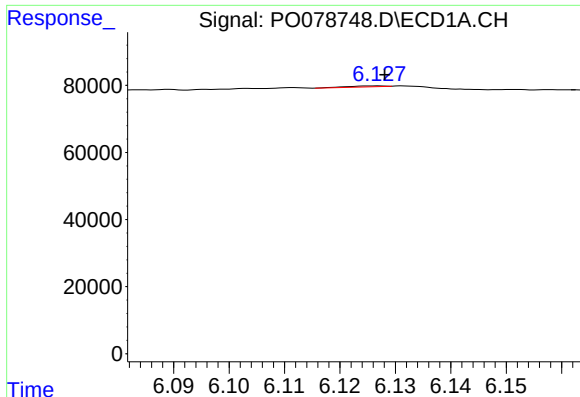
#22 AR-1248-2

R.T.: 5.920 min  
Delta R.T.: 0.003 min  
Response: 22098  
Conc: 10.59 ng/ml



#22 AR-1248-2

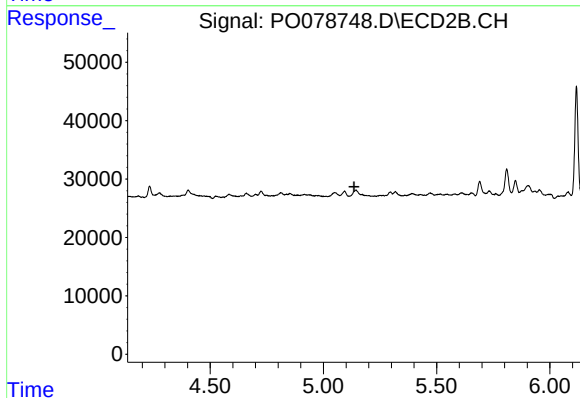
R.T.: 0.000 min  
Exp R.T. : 5.093 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

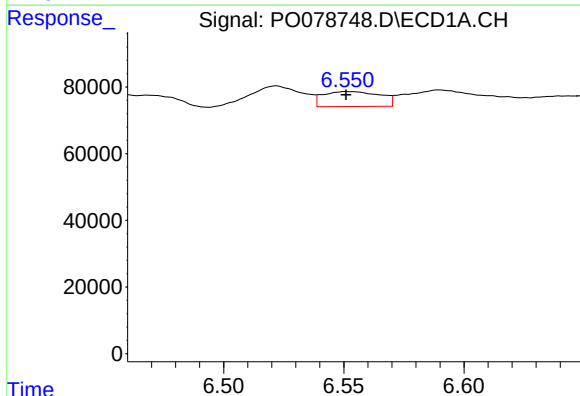
R.T.: 6.127 min  
Delta R.T.: -0.001 min  
Response: 1200  
Conc: 0.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



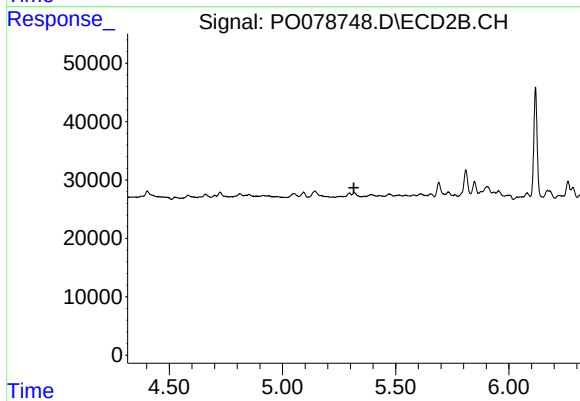
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.135 min  
Response: 0  
Conc: N.D.



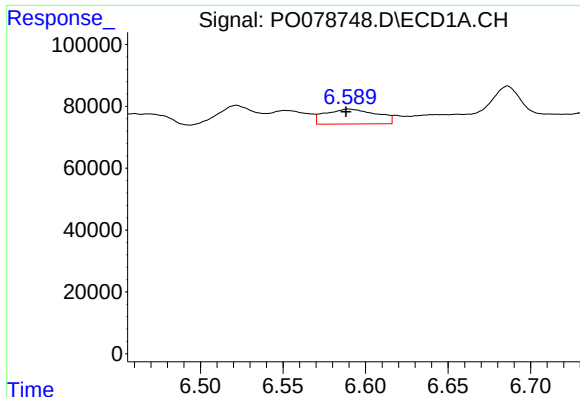
#24 AR-1248-4

R.T.: 6.551 min  
Delta R.T.: 0.000 min  
Response: 74446  
Conc: 28.43 ng/ml



#24 AR-1248-4

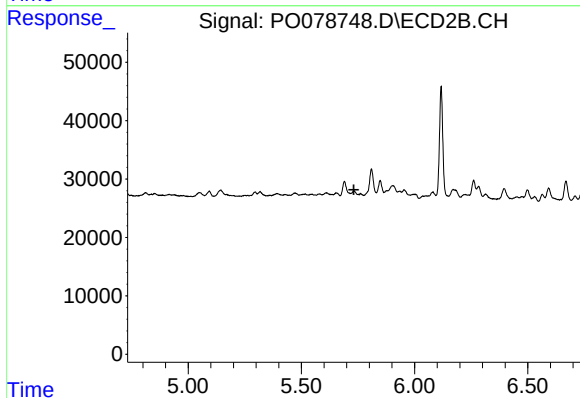
R.T.: 0.000 min  
Exp R.T. : 5.316 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

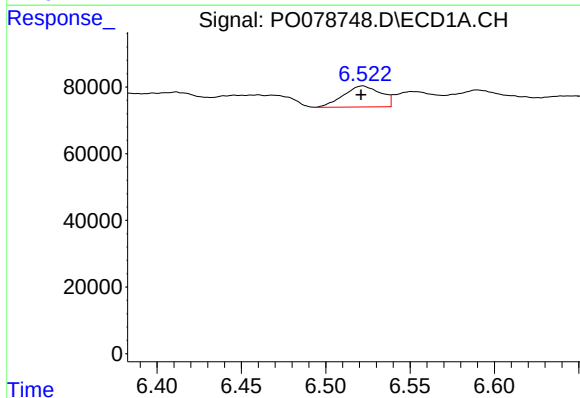
R.T.: 6.590 min  
Delta R.T.: 0.001 min  
Response: 104607  
Conc: 41.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



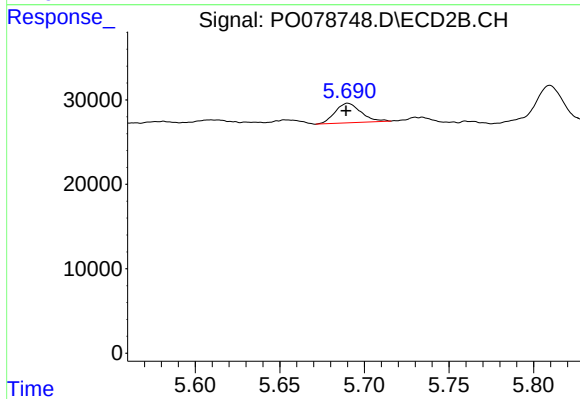
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.732 min  
Response: 0  
Conc: N.D.



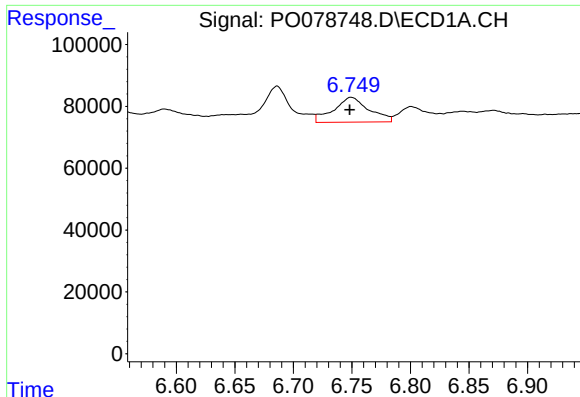
#26 AR-1254-1

R.T.: 6.522 min  
Delta R.T.: 0.001 min  
Response: 96999  
Conc: 35.39 ng/ml



#26 AR-1254-1

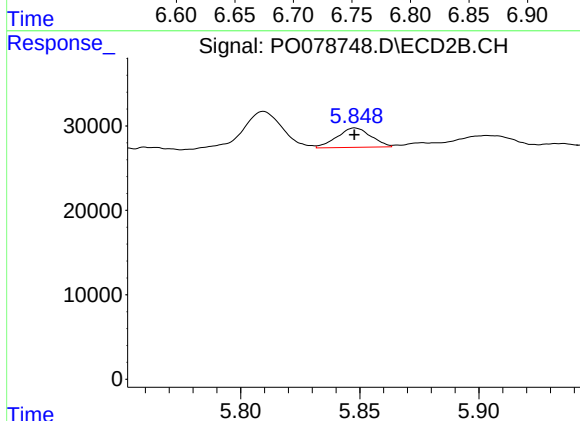
R.T.: 5.690 min  
Delta R.T.: 0.001 min  
Response: 24624  
Conc: 13.94 ng/ml



#27 AR-1254-2

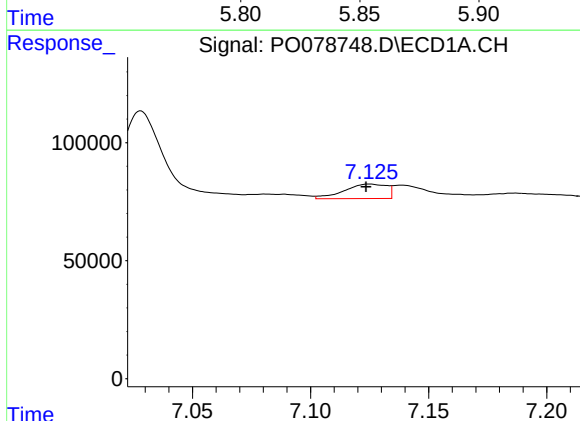
R.T.: 6.749 min  
Delta R.T.: 0.001 min  
Response: 169058  
Conc: 39.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



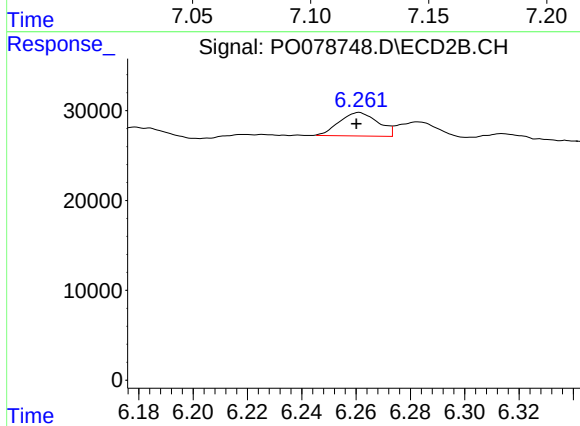
#27 AR-1254-2

R.T.: 5.848 min  
Delta R.T.: 0.000 min  
Response: 22872  
Conc: 14.12 ng/ml



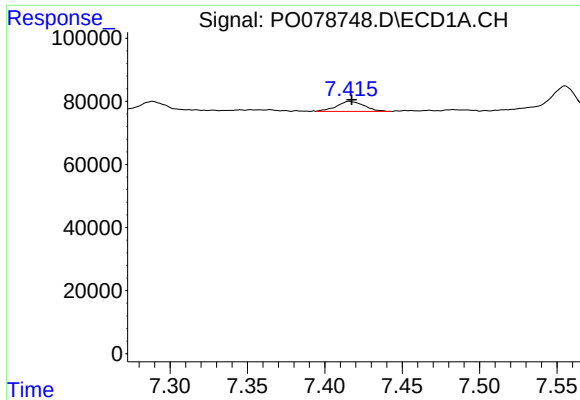
#28 AR-1254-3

R.T.: 7.125 min  
Delta R.T.: 0.002 min  
Response: 77187  
Conc: 17.73 ng/ml



#28 AR-1254-3

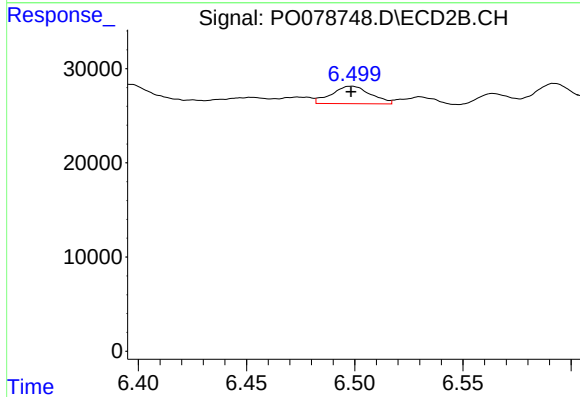
R.T.: 6.261 min  
Delta R.T.: 0.000 min  
Response: 25834  
Conc: 10.63 ng/ml



#29 AR-1254-4

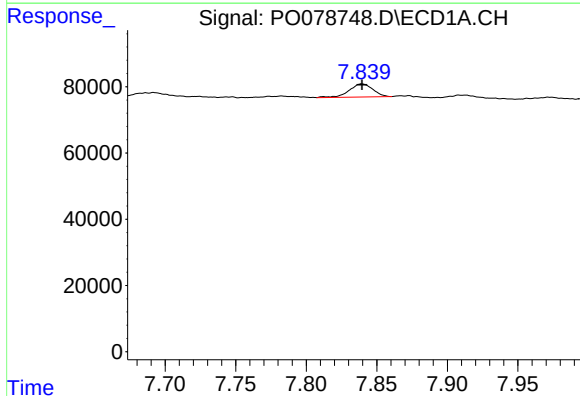
R.T.: 7.416 min  
Delta R.T.: -0.001 min  
Response: 39683  
Conc: 12.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



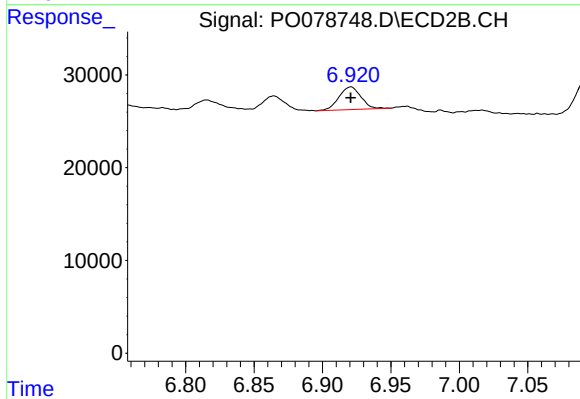
#29 AR-1254-4

R.T.: 6.499 min  
Delta R.T.: 0.000 min  
Response: 23285  
Conc: 15.55 ng/ml



#30 AR-1254-5

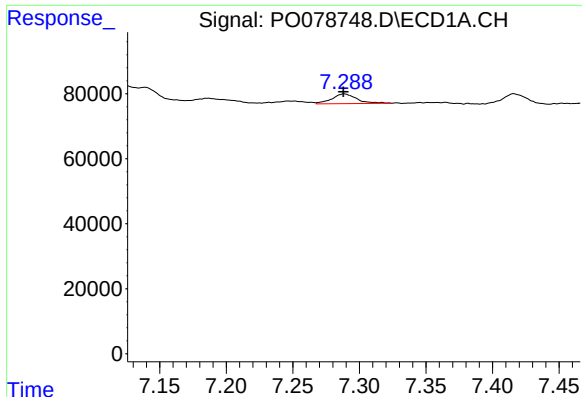
R.T.: 7.840 min  
Delta R.T.: 0.000 min  
Response: 45697  
Conc: 13.26 ng/ml



#30 AR-1254-5

R.T.: 6.921 min  
Delta R.T.: 0.000 min  
Response: 27483  
Conc: 11.97 ng/ml

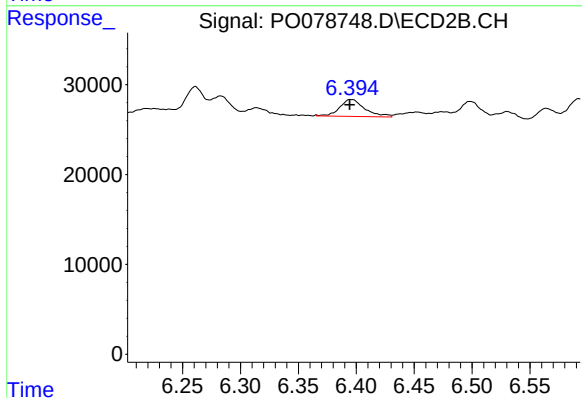




#31 AR-1260-1

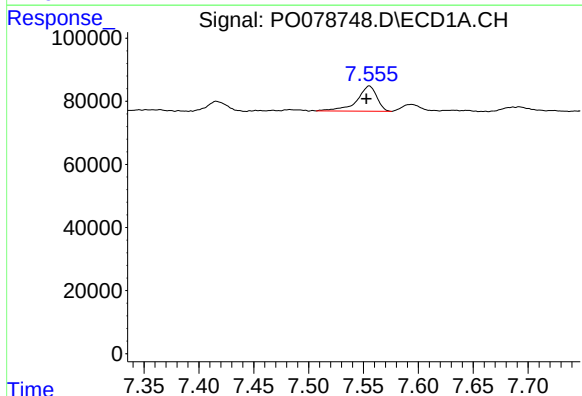
R.T.: 7.289 min  
Delta R.T.: 0.000 min  
Response: 39452  
Conc: 12.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



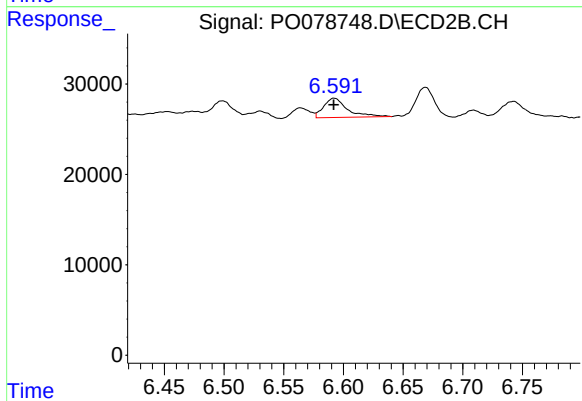
#31 AR-1260-1

R.T.: 6.396 min  
Delta R.T.: 0.001 min  
Response: 28107  
Conc: 16.73 ng/ml



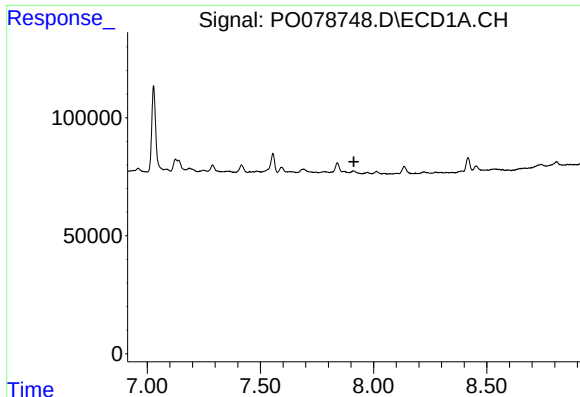
#32 AR-1260-2

R.T.: 7.555 min  
Delta R.T.: 0.003 min  
Response: 101463  
Conc: 27.44 ng/ml



#32 AR-1260-2

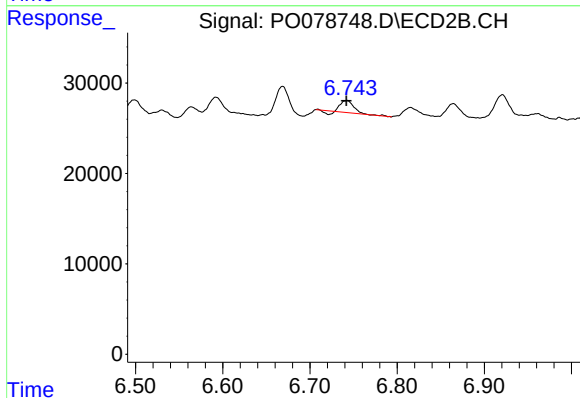
R.T.: 6.592 min  
Delta R.T.: 0.000 min  
Response: 29820  
Conc: 14.80 ng/ml



#33 AR-1260-3

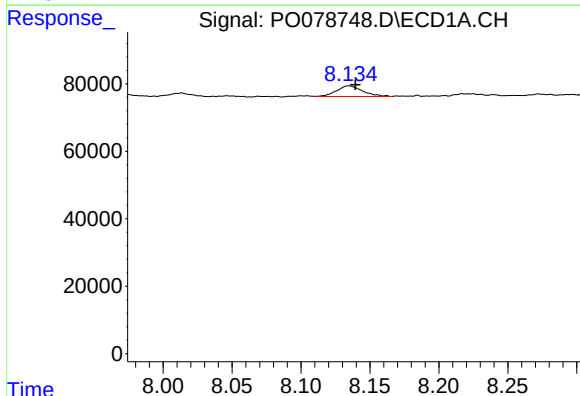
R.T.: 0.000 min  
Exp R.T.: 7.913 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



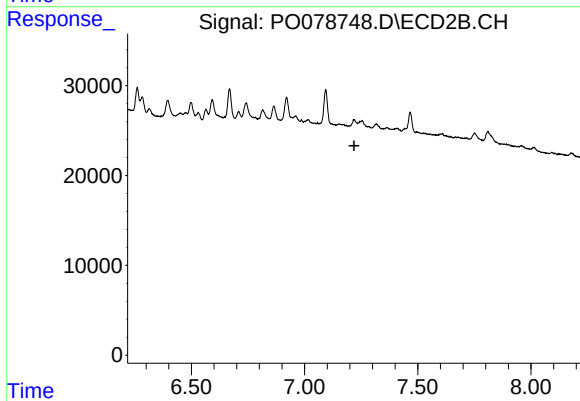
#33 AR-1260-3

R.T.: 6.742 min  
Delta R.T.: 0.000 min  
Response: 12998  
Conc: 6.66 ng/ml



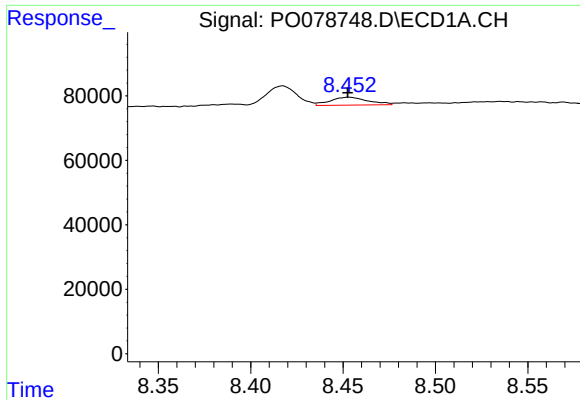
#34 AR-1260-4

R.T.: 8.135 min  
Delta R.T.: -0.005 min  
Response: 41678  
Conc: 13.19 ng/ml



#34 AR-1260-4

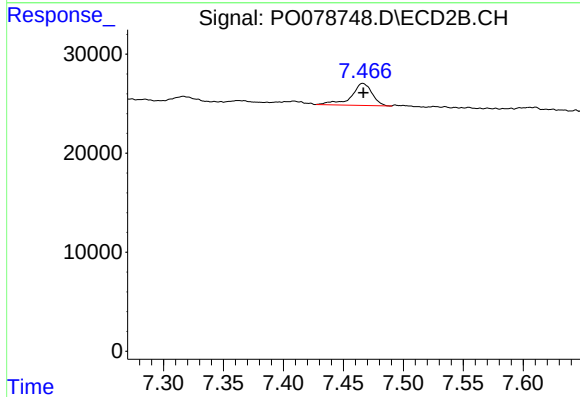
R.T.: 0.000 min  
Exp R.T.: 7.218 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

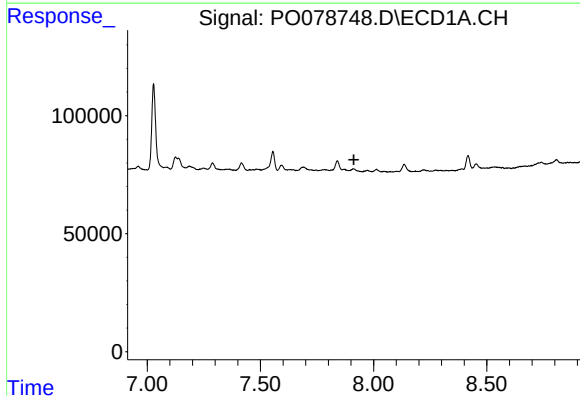
R.T.: 8.453 min  
Delta R.T.: 0.000 min  
Response: 35499  
Conc: 5.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



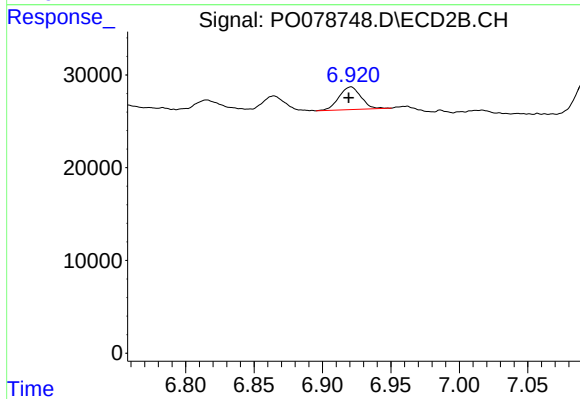
#35 AR-1260-5

R.T.: 7.466 min  
Delta R.T.: 0.000 min  
Response: 26652  
Conc: 7.24 ng/ml



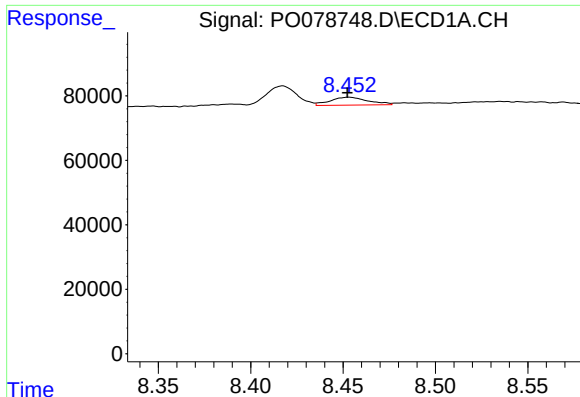
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 7.913 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

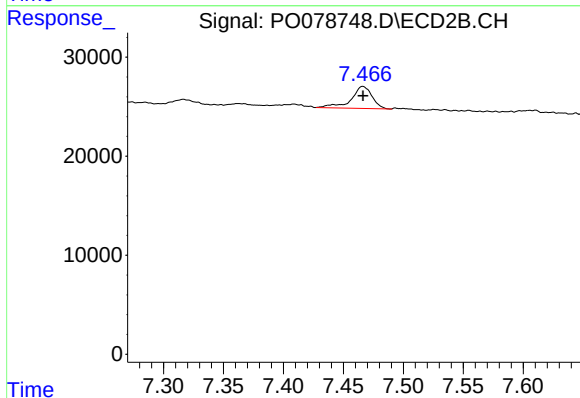
R.T.: 6.921 min  
Delta R.T.: 0.002 min  
Response: 27483  
Conc: 23.09 ng/ml



#37 AR-1262-2

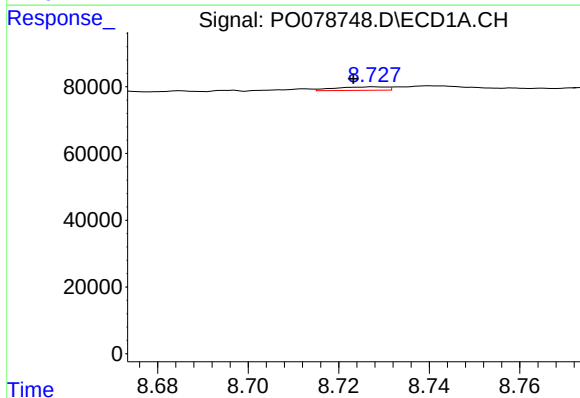
R.T.: 8.453 min  
Delta R.T.: 0.000 min  
Response: 35499  
Conc: 5.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



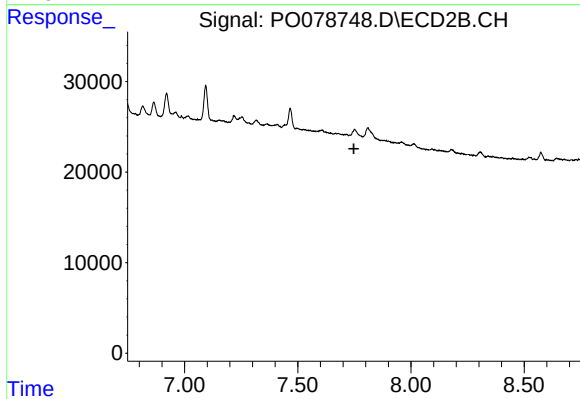
#37 AR-1262-2

R.T.: 7.466 min  
Delta R.T.: 0.000 min  
Response: 26652  
Conc: 6.75 ng/ml



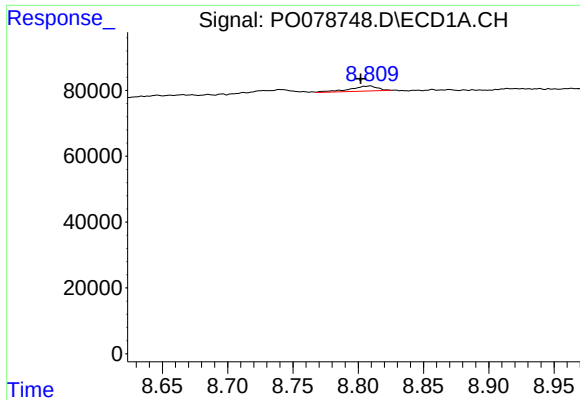
#38 AR-1262-3

R.T.: 8.728 min  
Delta R.T.: 0.005 min  
Response: 8339  
Conc: 1.76 ng/ml



#38 AR-1262-3

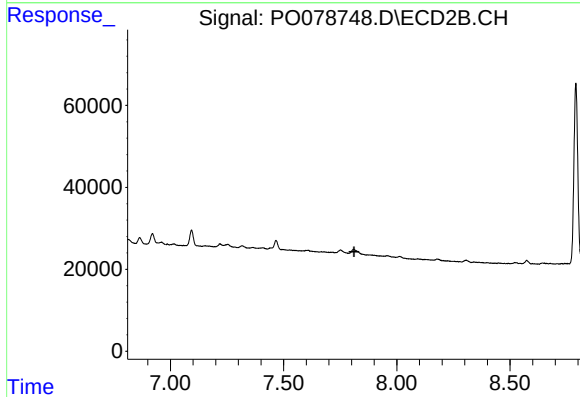
R.T.: 0.000 min  
Exp R.T.: 7.748 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

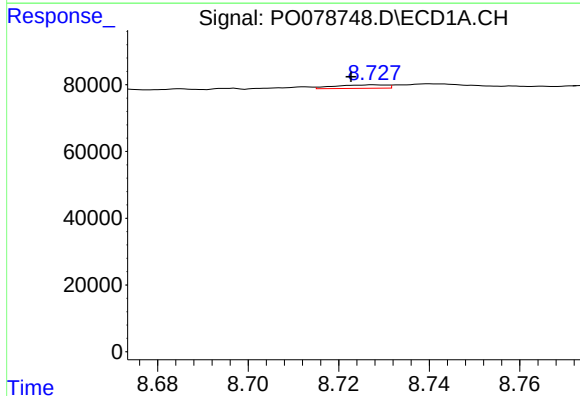
R.T.: 8.809 min  
Delta R.T.: 0.007 min  
Response: 22726  
Conc: 6.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



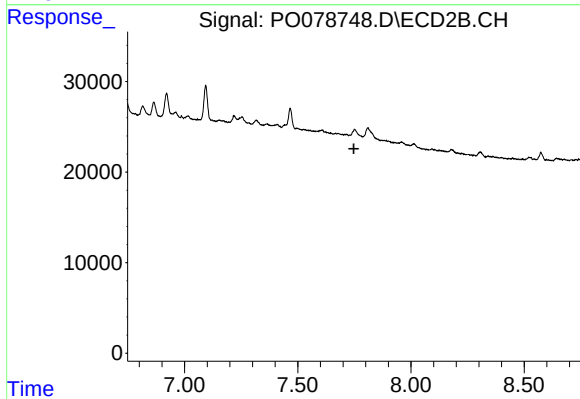
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 7.811 min  
Response: 0  
Conc: N.D.



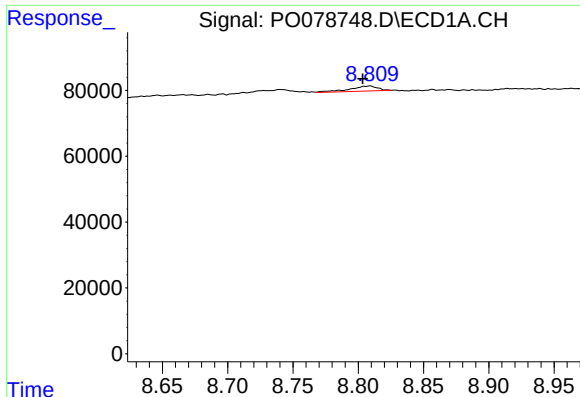
#41 AR-1268-1

R.T.: 8.728 min  
Delta R.T.: 0.005 min  
Response: 8339  
Conc: 1.06 ng/ml



#41 AR-1268-1

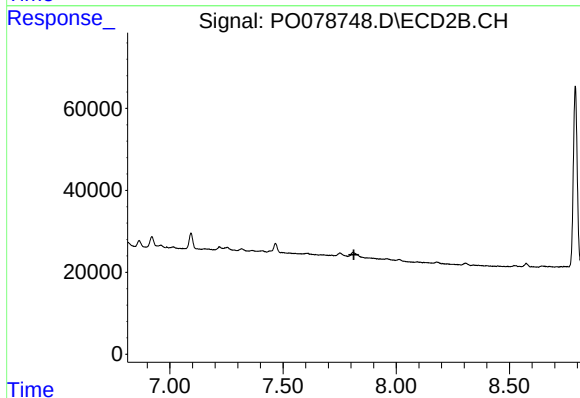
R.T.: 0.000 min  
Exp R.T. : 7.748 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

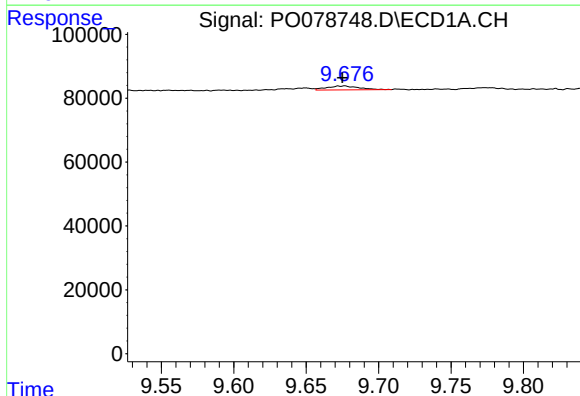
R.T.: 8.809 min  
Delta R.T.: 0.006 min  
Response: 22726  
Conc: 3.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



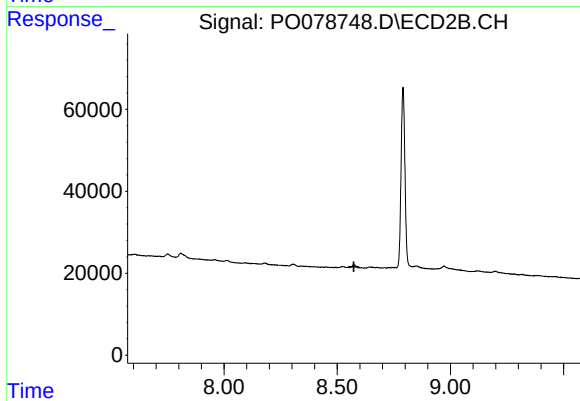
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 7.813 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 9.677 min  
Delta R.T.: 0.002 min  
Response: 18850  
Conc: 0.96 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.574 min  
Response: 0  
Conc: N.D.