

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0060821\  
 Data File : P0078561.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 08 Jun 2021 16:58  
 Operator : DD\AJ  
 Sample : M2628-01  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 09 02:32:43 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0060721.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jun 08 05:39:51 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... | 4.337  | 3.613 | 1786625 | 785370  | 23.391   | 24.859     |
| 2)                          | SA Decachlor... | 9.945  | 8.799 | 1067196 | 635025  | 26.320   | 26.409     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 5.665f | 0.000 | 54039   | 0       | 23.078   | N.D. #     |
| 4)                          | L1 AR-1016-2    | 5.665  | 0.000 | 54039   | 0       | 14.989   | N.D. #     |
| 5)                          | L1 AR-1016-3    | 5.713  | 0.000 | 65138   | 0       | 29.785   | N.D. #     |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.100 | 0       | 403440  | N.D.     | 571.281 #  |
| 7)                          | L1 AR-1016-5    | 6.133  | 5.323 | 481828  | 233195  | 277.738  | 267.361    |
| 8)                          | L2 AR-1221-1    | 4.582  | 0.000 | 110635  | 0       | 132.272  | N.D. #     |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.953 | 0       | 11298   | N.D.     | 40.174 #   |
| 13)                         | L3 AR-1232-3    | 5.665  | 0.000 | 54039   | 0       | 37.059   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.142 | 0       | 118716  | N.D.     | 386.058 #  |
| 15)                         | L3 AR-1232-5    | 5.923  | 5.323 | 839933  | 233195  | 1667.396 | 668.959 #  |
| 17)                         | L4 AR-1242-2    | 5.665  | 0.000 | 54039   | 0       | 20.144   | N.D. #     |
| 18)                         | L4 AR-1242-3    | 5.713  | 0.000 | 65138   | 0       | 39.569   | N.D. #     |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.142 | 0       | 118716  | N.D.     | 181.441 #  |
| 20)                         | L4 AR-1242-5    | 6.596  | 5.696 | 607023  | 969537  | 453.556  | 1179.156 # |
| 22)                         | L5 AR-1248-2    | 5.923  | 5.100 | 839933  | 403440  | 432.574  | 413.754    |
| 23)                         | L5 AR-1248-3    | 6.133  | 5.142 | 481828  | 118716  | 213.198  | 122.361 #  |
| 24)                         | L5 AR-1248-4    | 6.556  | 5.323 | 416506  | 233195  | 175.805  | 201.318    |
| 25)                         | L5 AR-1248-5    | 6.596  | 5.739 | 607023  | 152535  | 260.844  | 139.124 #  |
| 26)                         | L6 AR-1254-1    | 6.525  | 5.696 | 1618597 | 969537  | 639.595  | 561.745    |
| 27)                         | L6 AR-1254-2    | 6.753  | 5.855 | 2988408 | 1198569 | 752.531  | 747.475    |
| 28)                         | L6 AR-1254-3    | 7.128  | 6.267 | 3565429 | 1992158 | 858.391  | 832.634    |
| 29)                         | L6 AR-1254-4    | 7.421  | 6.505 | 2616217 | 1299036 | 889.782  | 887.676    |
| 30)                         | L6 AR-1254-5    | 7.844  | 6.928 | 2767712 | 1835330 | 863.171  | 805.015    |
| 31)                         | L7 AR-1260-1    | 7.293  | 6.403 | 1349284 | 920534  | 460.188  | 580.174 #  |
| 32)                         | L7 AR-1260-2    | 7.558  | 6.599 | 1610834 | 858424  | 489.673  | 460.895    |
| 33)                         | L7 AR-1260-3    | 7.902f | 6.748 | 334493  | 743342  | 141.255  | 418.933 #  |
| 34)                         | L7 AR-1260-4    | 8.134  | 7.226 | 1074939 | 76479   | 417.944  | 52.191 #   |
| 35)                         | L7 AR-1260-5    | 8.457  | 7.474 | 331487  | 196818  | 65.186   | 56.407     |
| 36)                         | L8 AR-1262-1    | 7.902f | 6.928 | 334493  | 1835330 | 85.509   | 1536.330 # |
| 37)                         | L8 AR-1262-2    | 8.457  | 7.474 | 331487  | 196818  | 51.813   | 50.185     |
| 38)                         | L8 AR-1262-3    | 8.747f | 7.755 | 280679  | 13053   | 67.204   | 7.930 #    |
| 39)                         | L8 AR-1262-4    | 8.788f | 7.815 | 81668   | 217808  | 26.354   | 72.408 #   |
| 40)                         | L8 AR-1262-5    | 9.355  | 8.314 | 27432   | 16221   | 14.478   | 11.952     |
| 41)                         | L9 AR-1268-1    | 8.747f | 7.755 | 280679  | 13053   | 39.131   | 2.874 #    |
| 42)                         | L9 AR-1268-2    | 8.788f | 7.815 | 81668   | 217808  | 12.819   | 53.190 #   |
| 44)                         | L9 AR-1268-4    | 9.355  | 8.314 | 27432   | 16221   | 13.857   | 11.051     |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.582 | 0       | 17341   | N.D.     | 1.674 #    |
| -----                       |                 |        |       |         |         |          |            |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0060821\  
Data File : P0078561.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 08 Jun 2021 16:58  
Operator : DD\AJ  
Sample : M2628-01  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

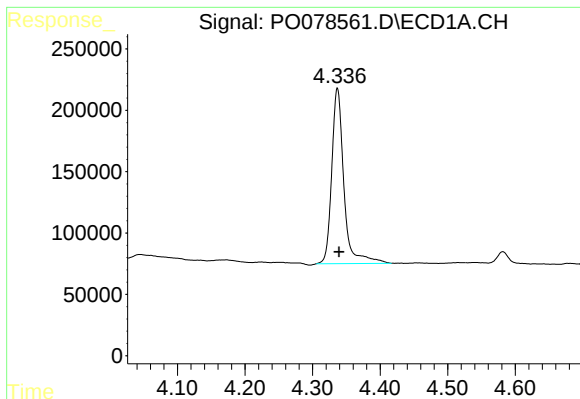
Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 09 02:32:43 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0060721.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jun 08 05:39:51 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 |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |

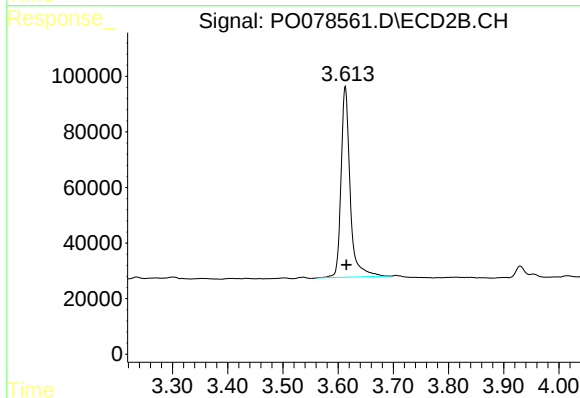




#1 Tetrachloro-m-xylene

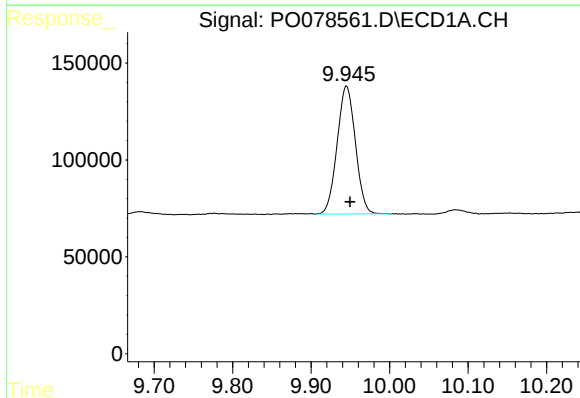
R.T.: 4.337 min  
Delta R.T.: -0.002 min  
Response: 1786625  
Conc: 23.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



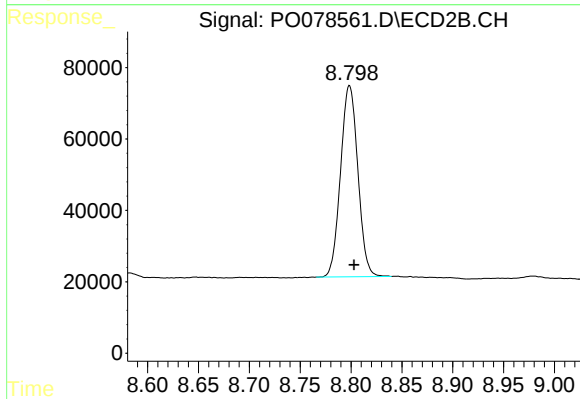
#1 Tetrachloro-m-xylene

R.T.: 3.613 min  
Delta R.T.: -0.002 min  
Response: 785370  
Conc: 24.86 ng/ml



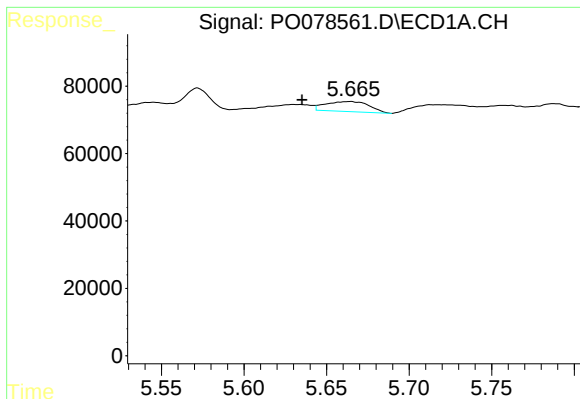
#2 Decachlorobiphenyl

R.T.: 9.945 min  
Delta R.T.: -0.005 min  
Response: 1067196  
Conc: 26.32 ng/ml



#2 Decachlorobiphenyl

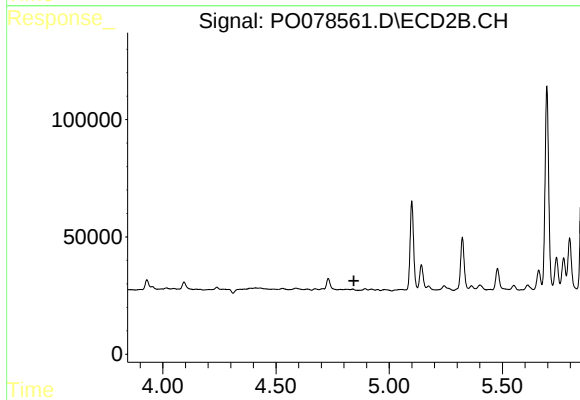
R.T.: 8.799 min  
Delta R.T.: -0.004 min  
Response: 635025  
Conc: 26.41 ng/ml



#3 AR-1016-1

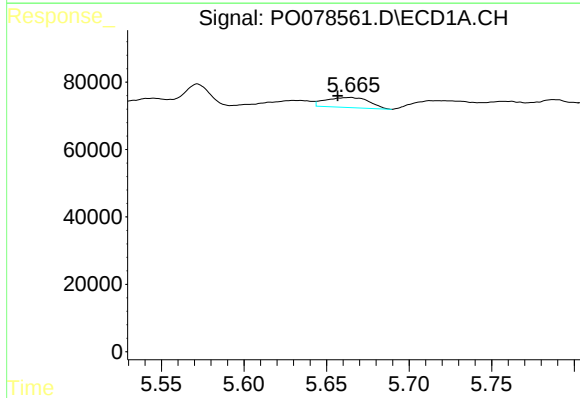
R.T.: 5.665 min  
Delta R.T.: 0.030 min  
Response: 54039  
Conc: 23.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



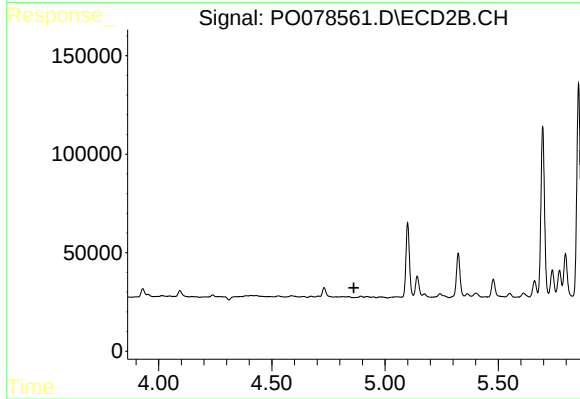
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.844 min  
Response: 0  
Conc: N.D.



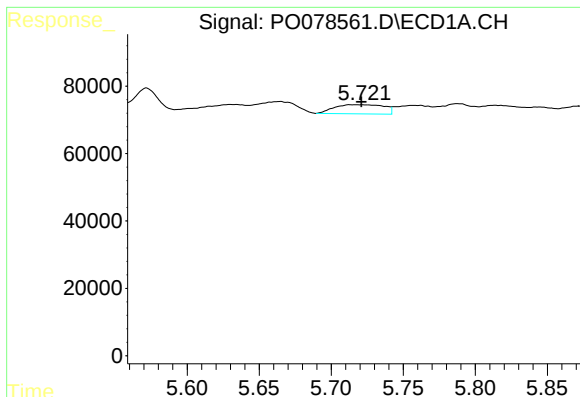
#4 AR-1016-2

R.T.: 5.665 min  
Delta R.T.: 0.008 min  
Response: 54039  
Conc: 14.99 ng/ml



#4 AR-1016-2

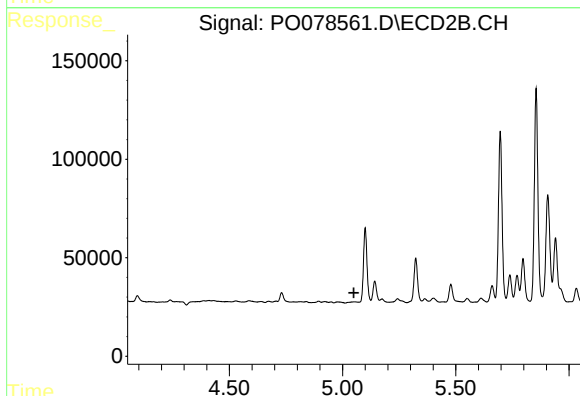
R.T.: 0.000 min  
Exp R.T. : 4.863 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

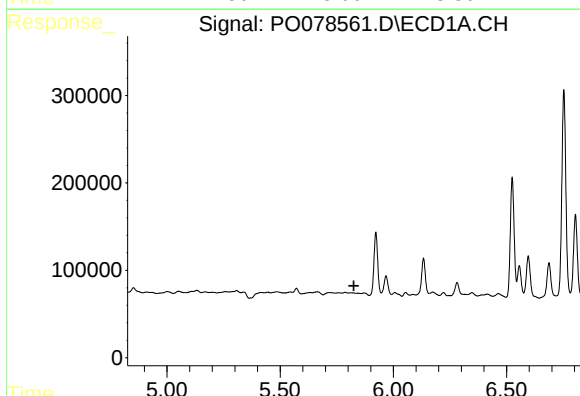
R.T.: 5.713 min  
Delta R.T.: -0.008 min  
Response: 65138  
Conc: 29.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



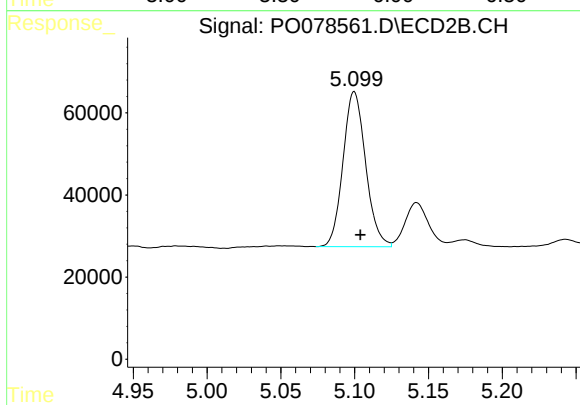
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.050 min  
Response: 0  
Conc: N.D.



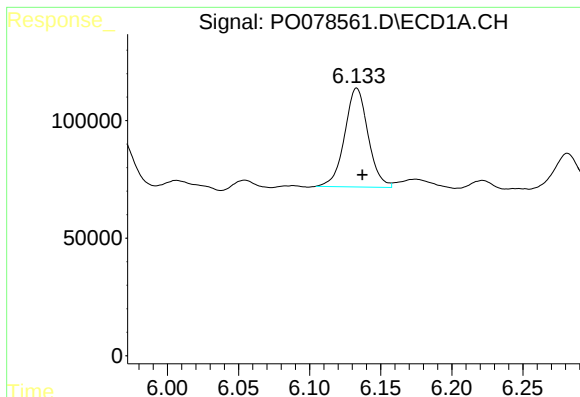
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.826 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

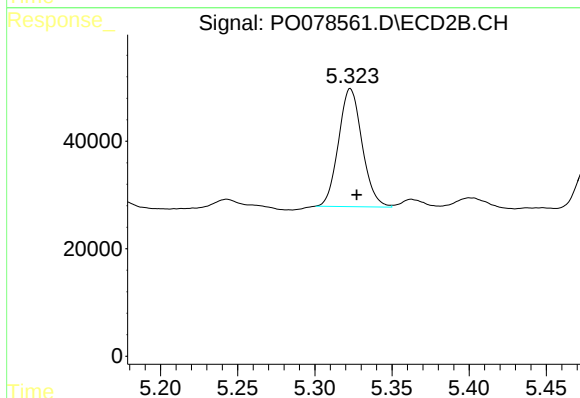
R.T.: 5.100 min  
Delta R.T.: -0.004 min  
Response: 403440  
Conc: 571.28 ng/ml



#7 AR-1016-5

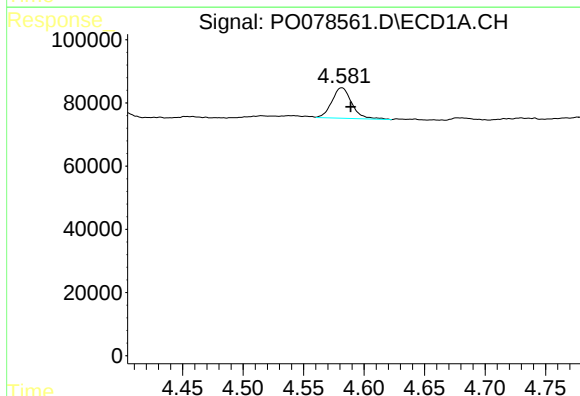
R.T.: 6.133 min  
Delta R.T.: -0.004 min  
Response: 481828  
Conc: 277.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



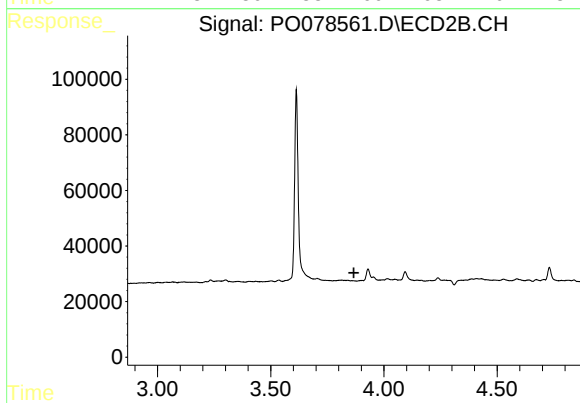
#7 AR-1016-5

R.T.: 5.323 min  
Delta R.T.: -0.004 min  
Response: 233195  
Conc: 267.36 ng/ml



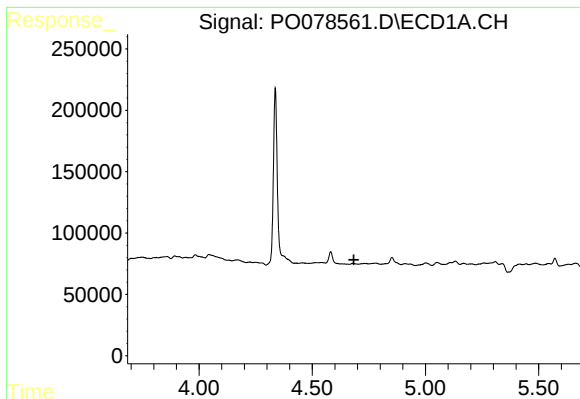
#8 AR-1221-1

R.T.: 4.582 min  
Delta R.T.: -0.007 min  
Response: 110635  
Conc: 132.27 ng/ml



#8 AR-1221-1

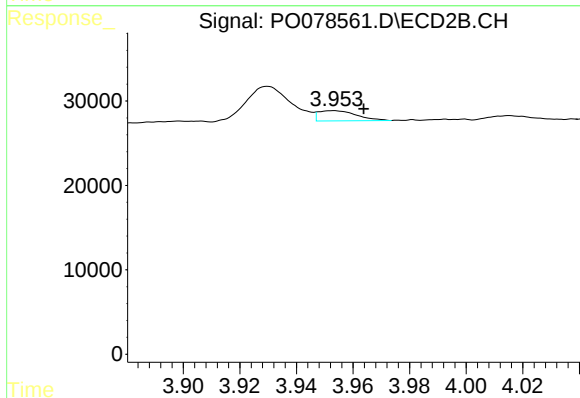
R.T.: 0.000 min  
Exp R.T.: 3.867 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

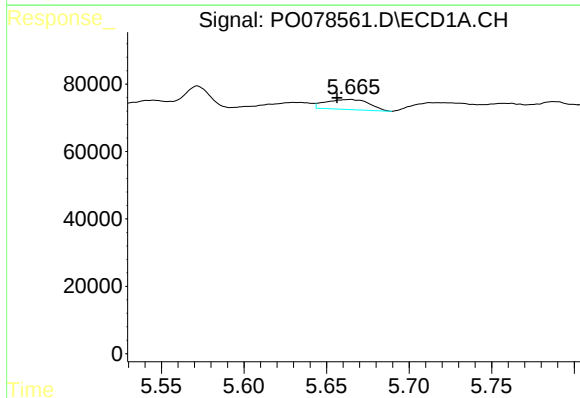
R.T.: 0.000 min  
Exp R.T.: 4.684 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



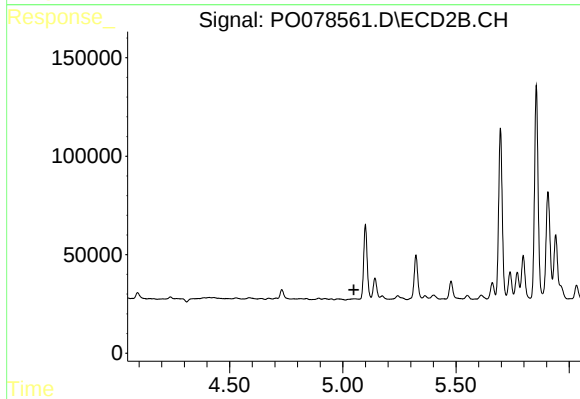
#9 AR-1221-2

R.T.: 3.953 min  
Delta R.T.: -0.011 min  
Response: 11298  
Conc: 40.17 ng/ml



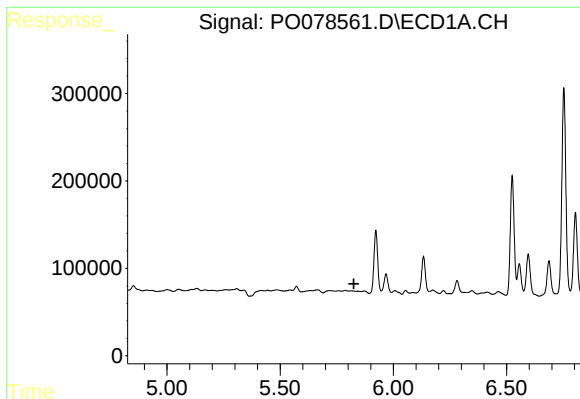
#13 AR-1232-3

R.T.: 5.665 min  
Delta R.T.: 0.008 min  
Response: 54039  
Conc: 37.06 ng/ml



#13 AR-1232-3

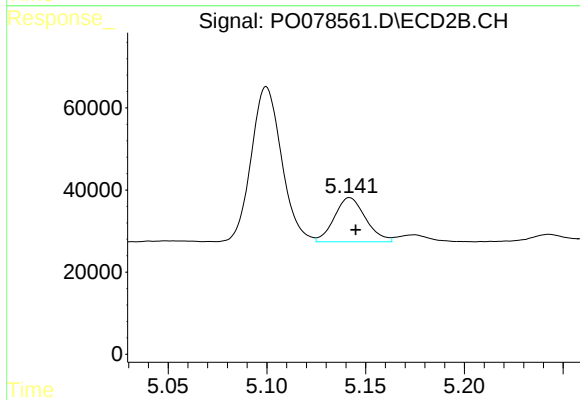
R.T.: 0.000 min  
Exp R.T.: 5.049 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

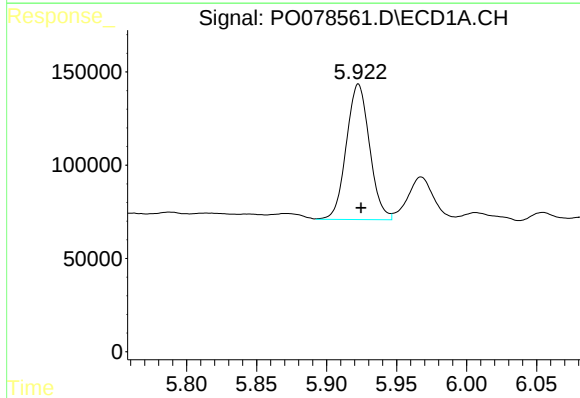
R.T.: 0.000 min  
Exp R.T.: 5.825 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



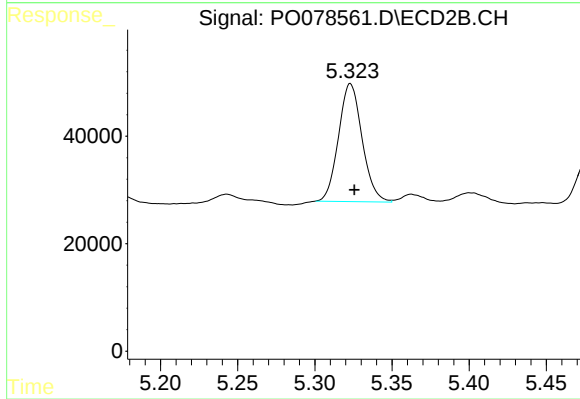
#14 AR-1232-4

R.T.: 5.142 min  
Delta R.T.: -0.003 min  
Response: 118716  
Conc: 386.06 ng/ml



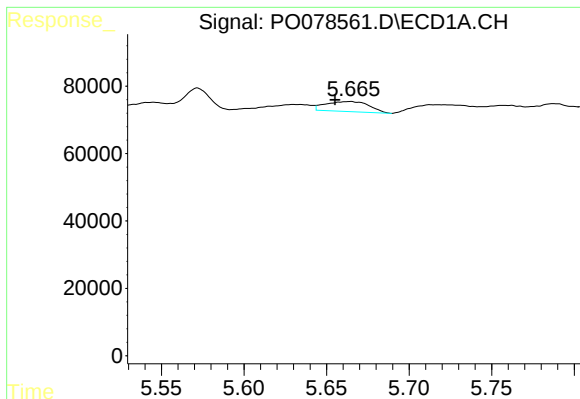
#15 AR-1232-5

R.T.: 5.923 min  
Delta R.T.: -0.002 min  
Response: 839933  
Conc: 1667.40 ng/ml



#15 AR-1232-5

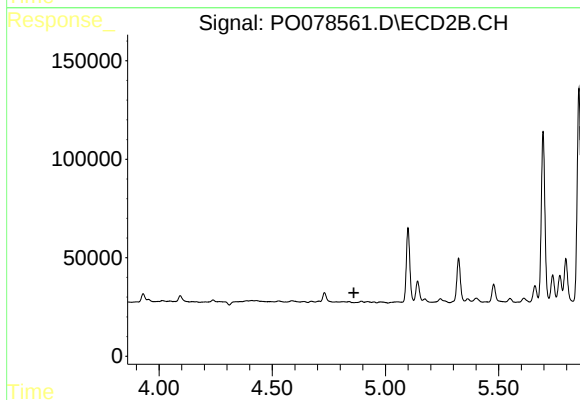
R.T.: 5.323 min  
Delta R.T.: -0.003 min  
Response: 233195  
Conc: 668.96 ng/ml



#17 AR-1242-2

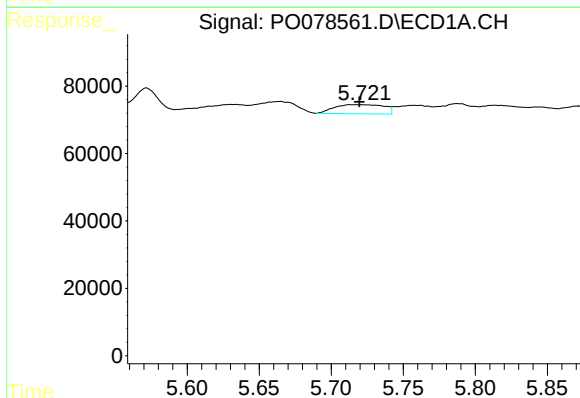
R.T.: 5.665 min  
Delta R.T.: 0.010 min  
Response: 54039  
Conc: 20.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



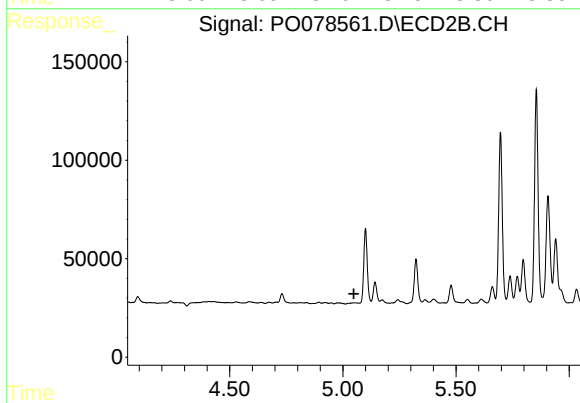
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.861 min  
Response: 0  
Conc: N.D.



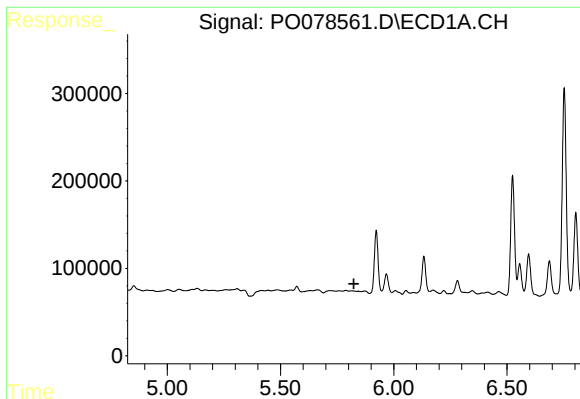
#18 AR-1242-3

R.T.: 5.713 min  
Delta R.T.: -0.007 min  
Response: 65138  
Conc: 39.57 ng/ml



#18 AR-1242-3

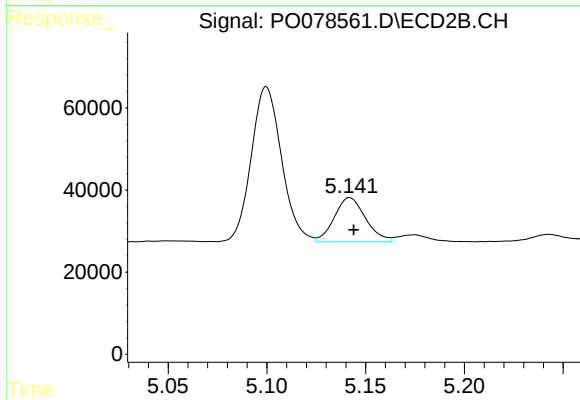
R.T.: 0.000 min  
Exp R.T. : 5.049 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

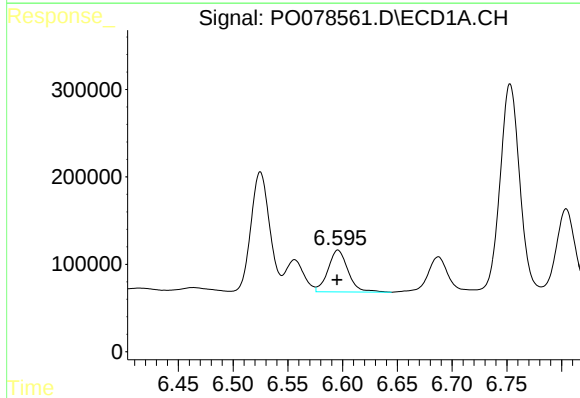
R.T.: 0.000 min  
Exp R.T.: 5.824 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



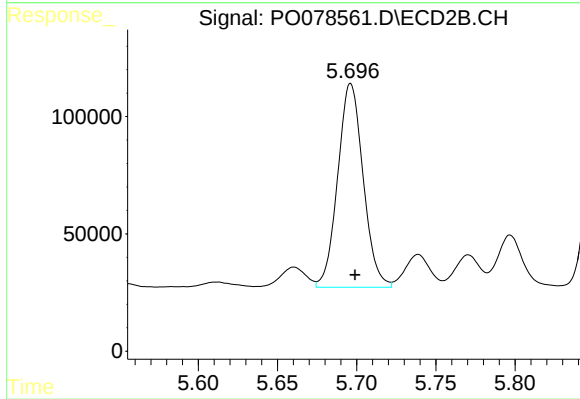
#19 AR-1242-4

R.T.: 5.142 min  
Delta R.T.: -0.002 min  
Response: 118716  
Conc: 181.44 ng/ml



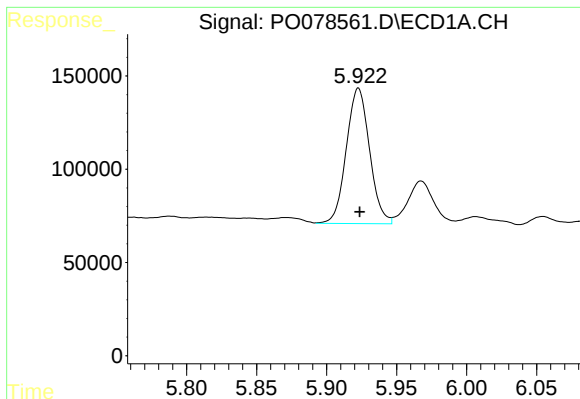
#20 AR-1242-5

R.T.: 6.596 min  
Delta R.T.: 0.000 min  
Response: 607023  
Conc: 453.56 ng/ml



#20 AR-1242-5

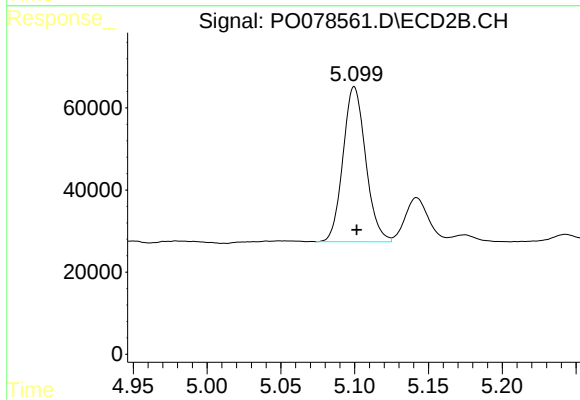
R.T.: 5.696 min  
Delta R.T.: -0.003 min  
Response: 969537  
Conc: 1179.16 ng/ml



#22 AR-1248-2

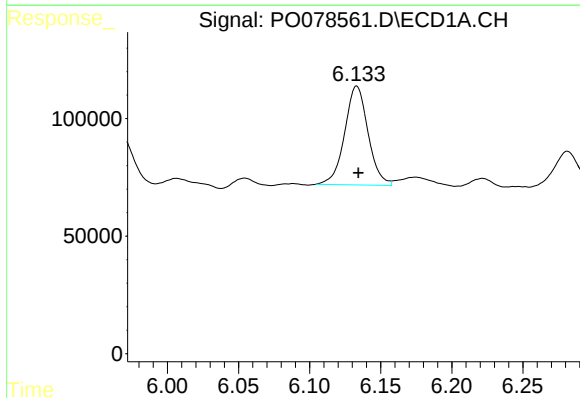
R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 839933  
Conc: 432.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



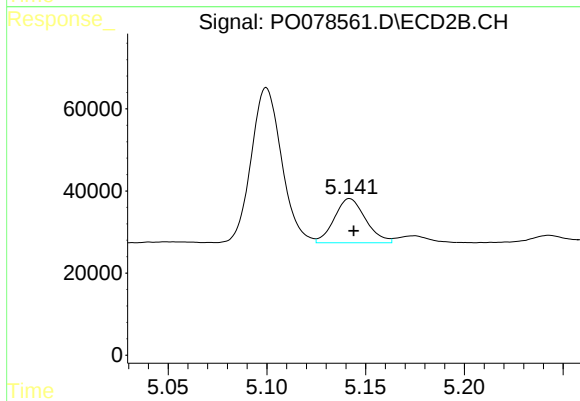
#22 AR-1248-2

R.T.: 5.100 min  
Delta R.T.: -0.002 min  
Response: 403440  
Conc: 413.75 ng/ml



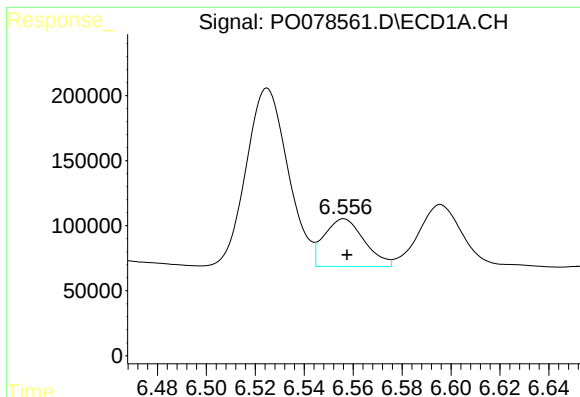
#23 AR-1248-3

R.T.: 6.133 min  
Delta R.T.: -0.001 min  
Response: 481828  
Conc: 213.20 ng/ml



#23 AR-1248-3

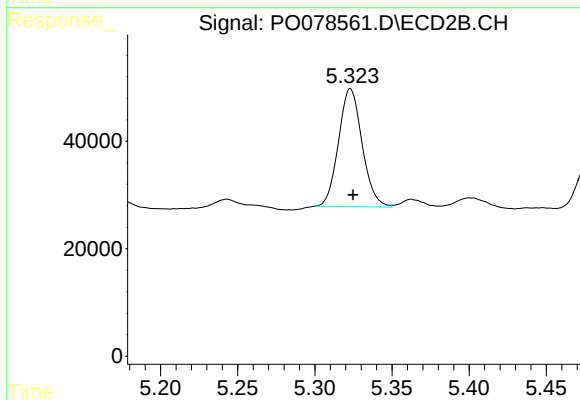
R.T.: 5.142 min  
Delta R.T.: -0.002 min  
Response: 118716  
Conc: 122.36 ng/ml



#24 AR-1248-4

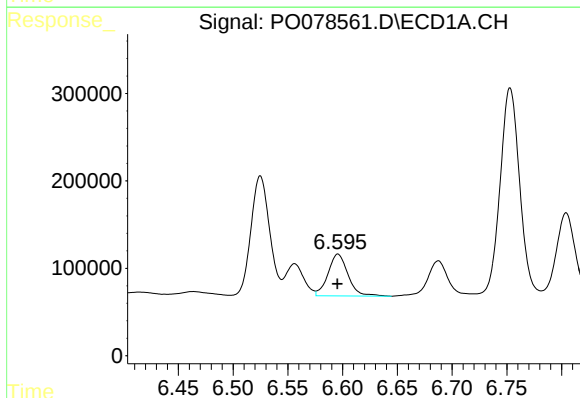
R.T.: 6.556 min  
Delta R.T.: -0.001 min  
Response: 416506  
Conc: 175.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



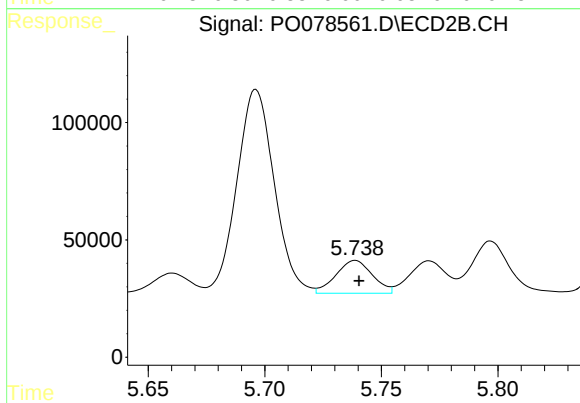
#24 AR-1248-4

R.T.: 5.323 min  
Delta R.T.: -0.002 min  
Response: 233195  
Conc: 201.32 ng/ml



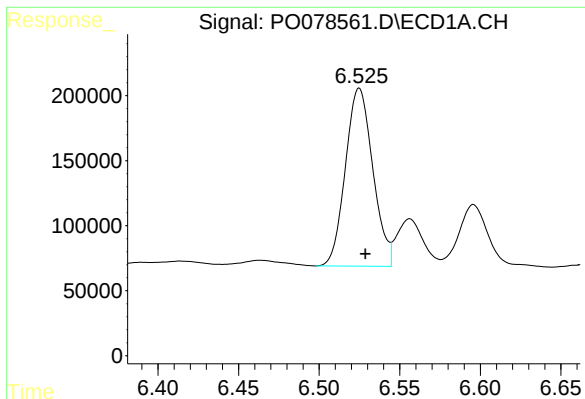
#25 AR-1248-5

R.T.: 6.596 min  
Delta R.T.: 0.000 min  
Response: 607023  
Conc: 260.84 ng/ml



#25 AR-1248-5

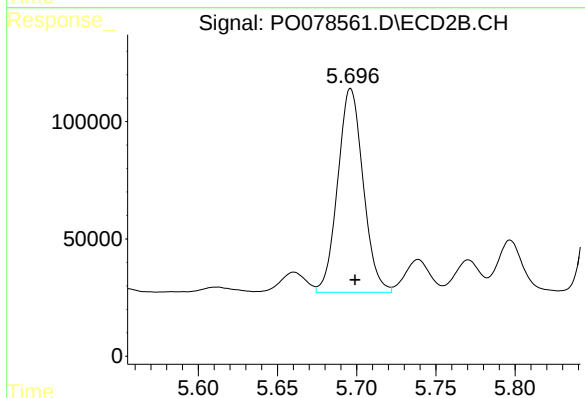
R.T.: 5.739 min  
Delta R.T.: -0.002 min  
Response: 152535  
Conc: 139.12 ng/ml



#26 AR-1254-1

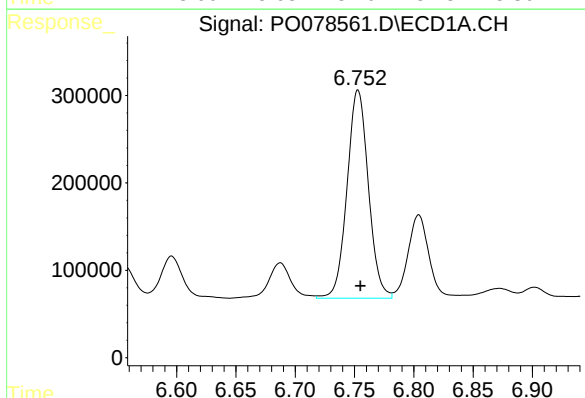
R.T.: 6.525 min  
Delta R.T.: -0.004 min  
Response: 1618597  
Conc: 639.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



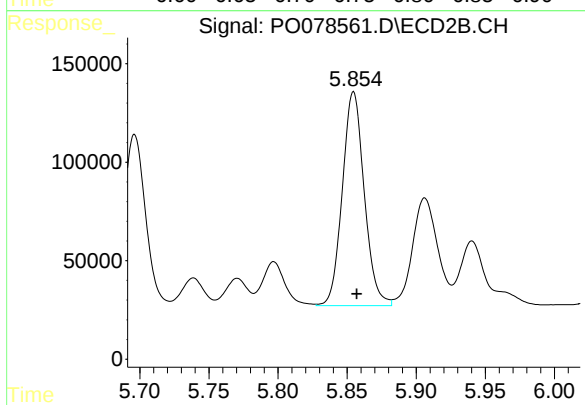
#26 AR-1254-1

R.T.: 5.696 min  
Delta R.T.: -0.003 min  
Response: 969537  
Conc: 561.75 ng/ml



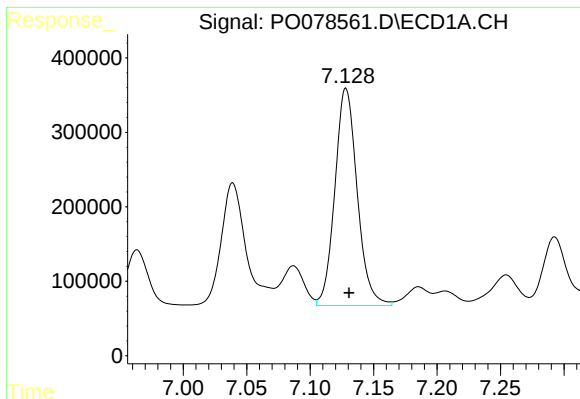
#27 AR-1254-2

R.T.: 6.753 min  
Delta R.T.: -0.002 min  
Response: 2988408  
Conc: 752.53 ng/ml



#27 AR-1254-2

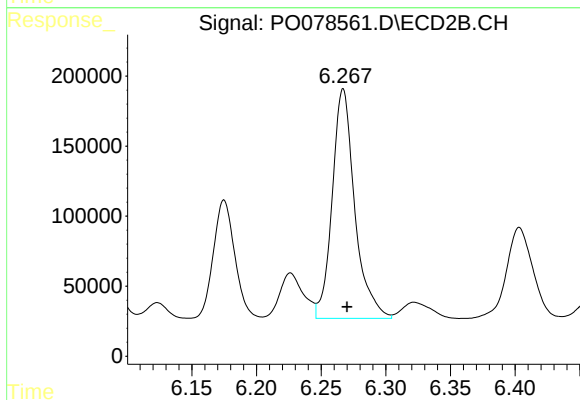
R.T.: 5.855 min  
Delta R.T.: -0.002 min  
Response: 1198569  
Conc: 747.48 ng/ml



#28 AR-1254-3

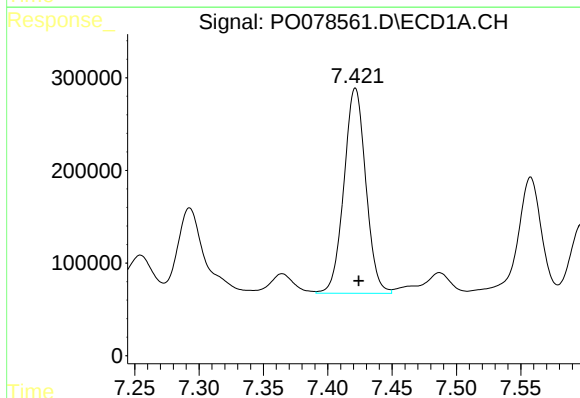
R.T.: 7.128 min  
Delta R.T.: -0.003 min  
Response: 3565429  
Conc: 858.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



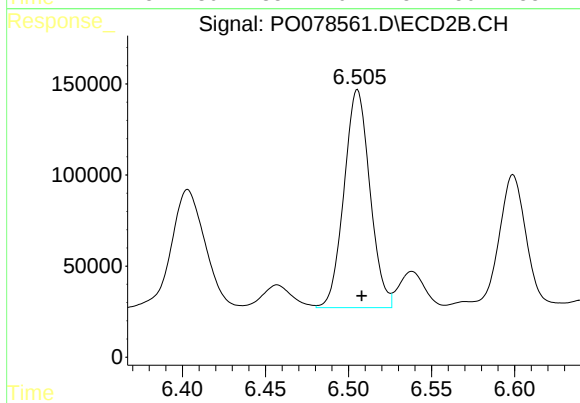
#28 AR-1254-3

R.T.: 6.267 min  
Delta R.T.: -0.003 min  
Response: 1992158  
Conc: 832.63 ng/ml



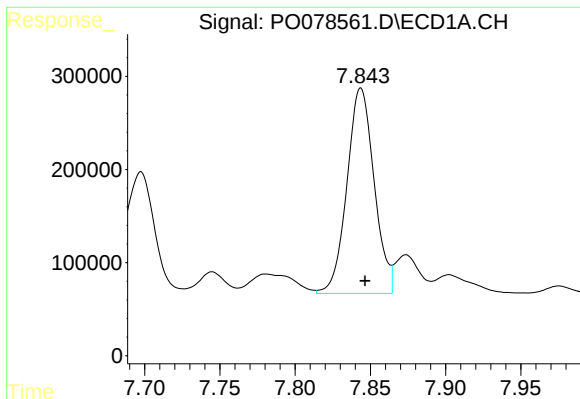
#29 AR-1254-4

R.T.: 7.421 min  
Delta R.T.: -0.003 min  
Response: 2616217  
Conc: 889.78 ng/ml



#29 AR-1254-4

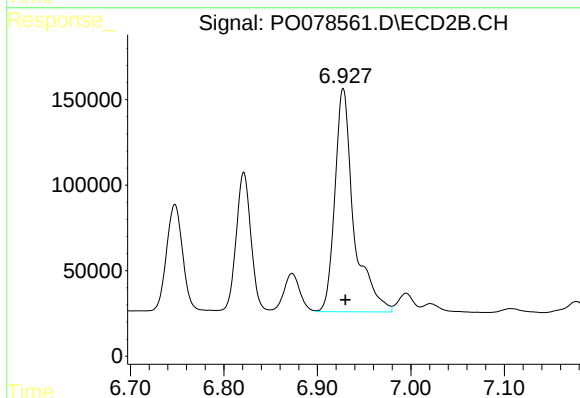
R.T.: 6.505 min  
Delta R.T.: -0.003 min  
Response: 1299036  
Conc: 887.68 ng/ml



#30 AR-1254-5

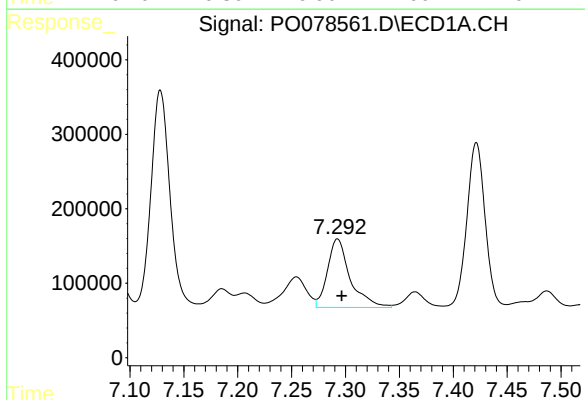
R.T.: 7.844 min  
Delta R.T.: -0.003 min  
Response: 2767712  
Conc: 863.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



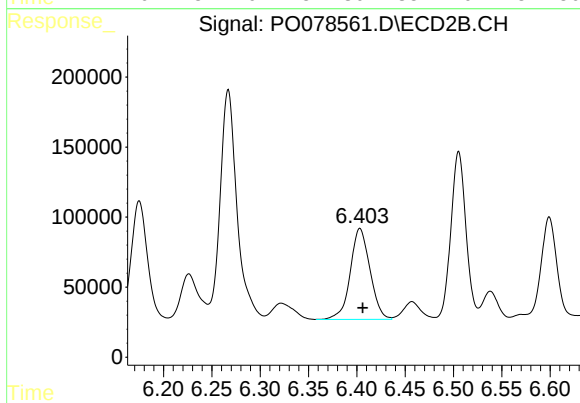
#30 AR-1254-5

R.T.: 6.928 min  
Delta R.T.: -0.002 min  
Response: 1835330  
Conc: 805.02 ng/ml



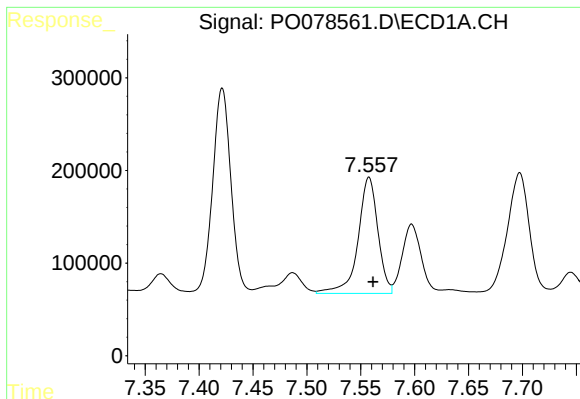
#31 AR-1260-1

R.T.: 7.293 min  
Delta R.T.: -0.004 min  
Response: 1349284  
Conc: 460.19 ng/ml



#31 AR-1260-1

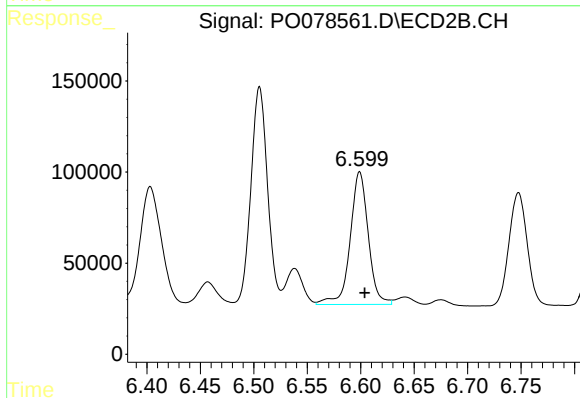
R.T.: 6.403 min  
Delta R.T.: -0.003 min  
Response: 920534  
Conc: 580.17 ng/ml



#32 AR-1260-2

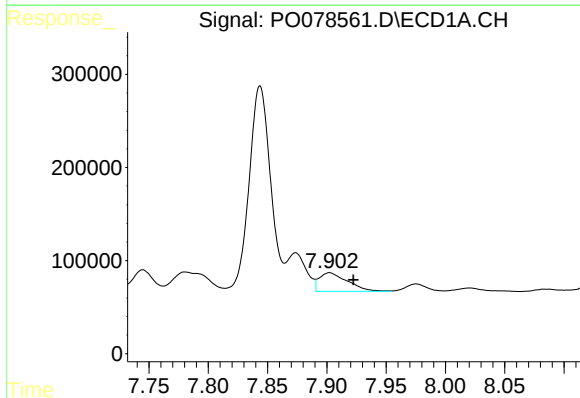
R.T.: 7.558 min  
Delta R.T.: -0.004 min  
Response: 1610834  
Conc: 489.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



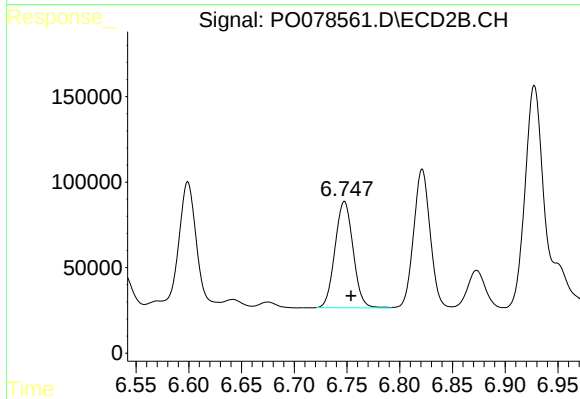
#32 AR-1260-2

R.T.: 6.599 min  
Delta R.T.: -0.005 min  
Response: 858424  
Conc: 460.90 ng/ml



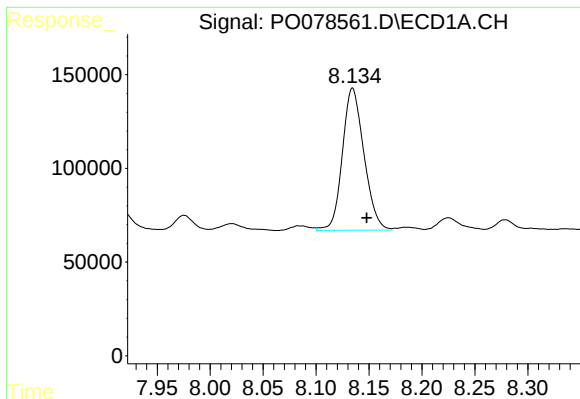
#33 AR-1260-3

R.T.: 7.902 min  
Delta R.T.: -0.020 min  
Response: 334493  
Conc: 141.25 ng/ml



#33 AR-1260-3

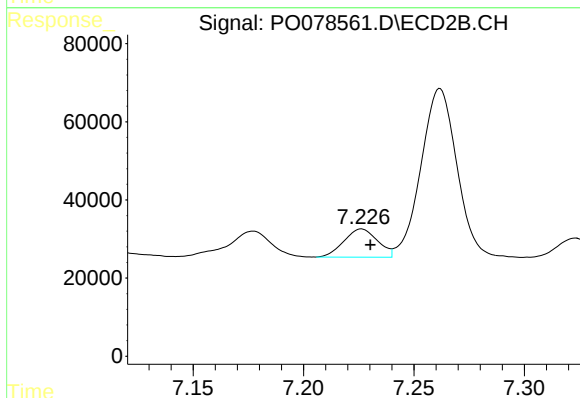
R.T.: 6.748 min  
Delta R.T.: -0.006 min  
Response: 743342  
Conc: 418.93 ng/ml



#34 AR-1260-4

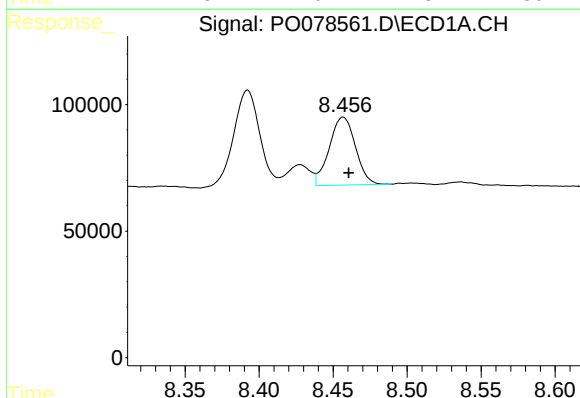
R.T.: 8.134 min  
Delta R.T.: -0.013 min  
Response: 1074939  
Conc: 417.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



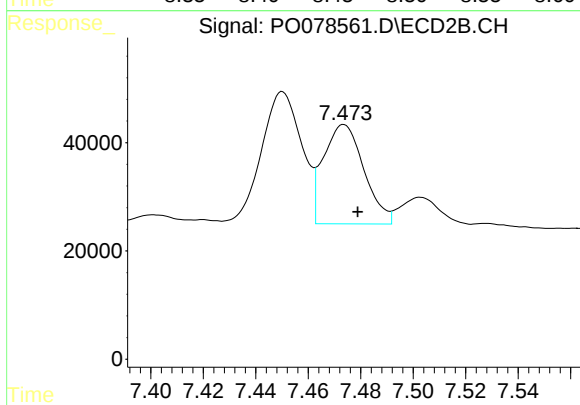
#34 AR-1260-4

R.T.: 7.226 min  
Delta R.T.: -0.004 min  
Response: 76479  
Conc: 52.19 ng/ml



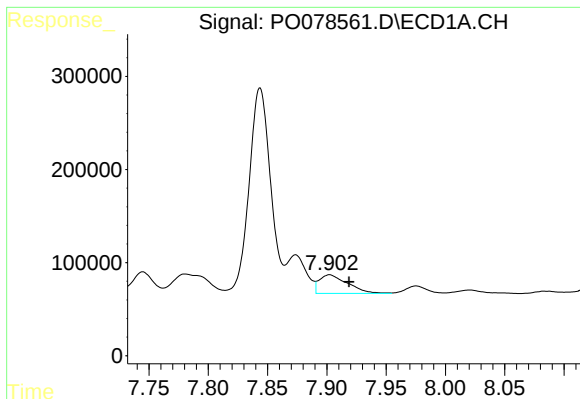
#35 AR-1260-5

R.T.: 8.457 min  
Delta R.T.: -0.004 min  
Response: 331487  
Conc: 65.19 ng/ml



#35 AR-1260-5

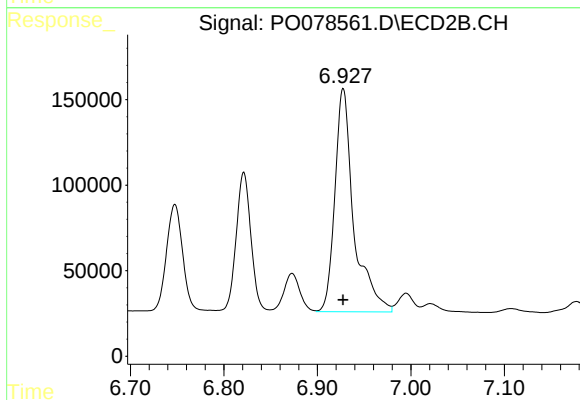
R.T.: 7.474 min  
Delta R.T.: -0.005 min  
Response: 196818  
Conc: 56.41 ng/ml



#36 AR-1262-1

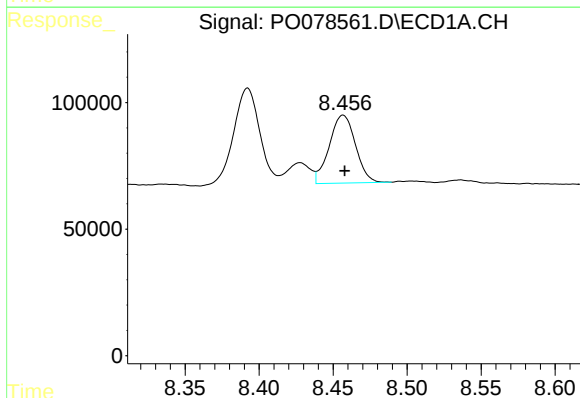
R.T.: 7.902 min  
Delta R.T.: -0.016 min  
Response: 334493  
Conc: 85.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



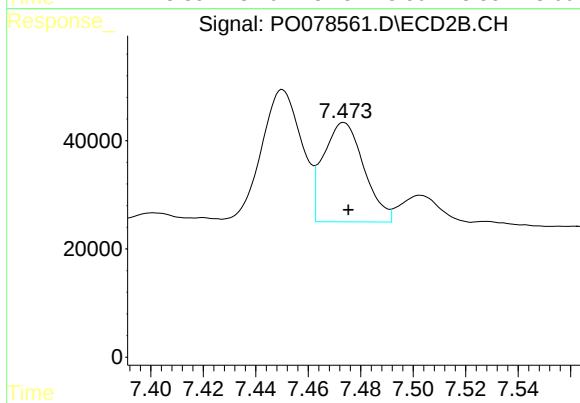
#36 AR-1262-1

R.T.: 6.928 min  
Delta R.T.: 0.000 min  
Response: 1835330  
Conc: 1536.33 ng/ml



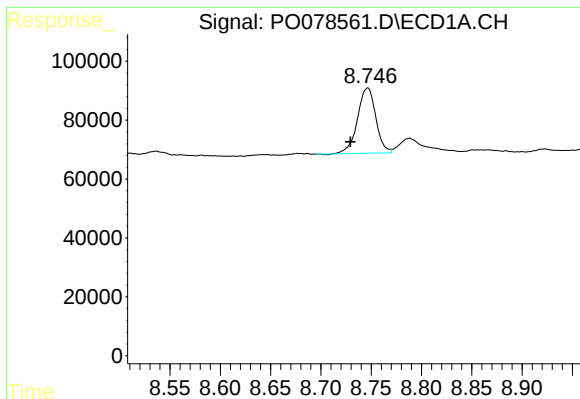
#37 AR-1262-2

R.T.: 8.457 min  
Delta R.T.: 0.000 min  
Response: 331487  
Conc: 51.81 ng/ml



#37 AR-1262-2

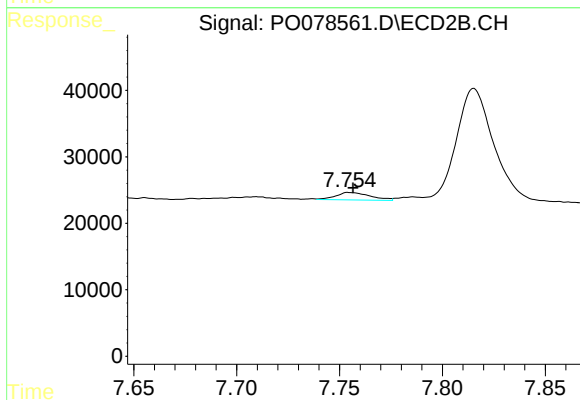
R.T.: 7.474 min  
Delta R.T.: -0.002 min  
Response: 196818  
Conc: 50.19 ng/ml



#38 AR-1262-3

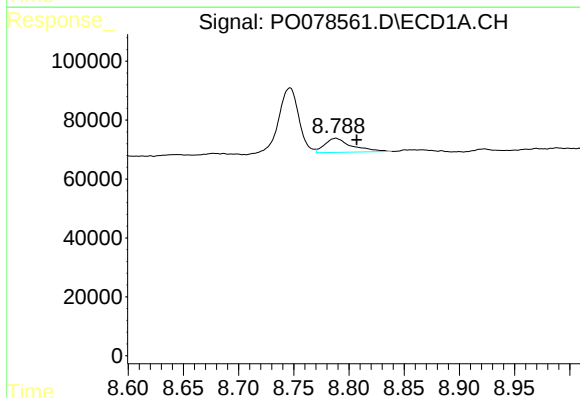
R.T.: 8.747 min  
Delta R.T.: 0.017 min  
Response: 280679  
Conc: 67.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



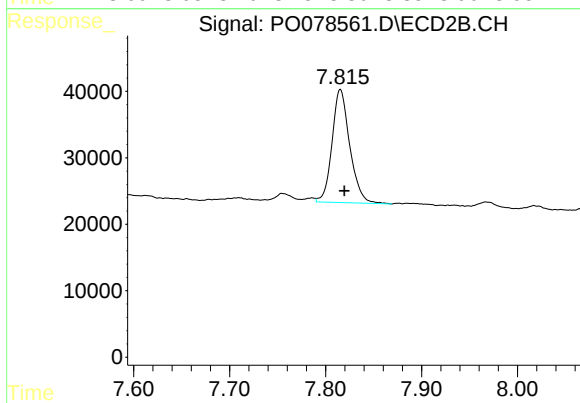
#38 AR-1262-3

R.T.: 7.755 min  
Delta R.T.: -0.002 min  
Response: 13053  
Conc: 7.93 ng/ml



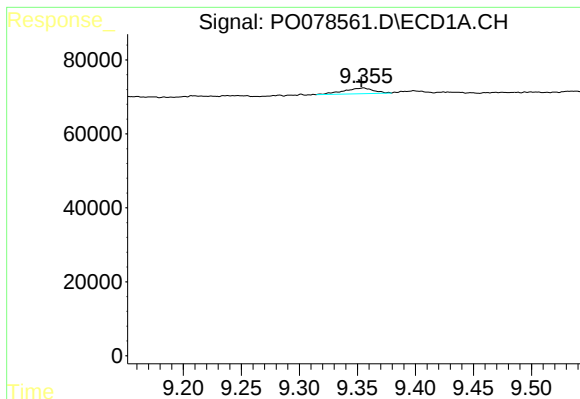
#39 AR-1262-4

R.T.: 8.788 min  
Delta R.T.: -0.019 min  
Response: 81668  
Conc: 26.35 ng/ml



#39 AR-1262-4

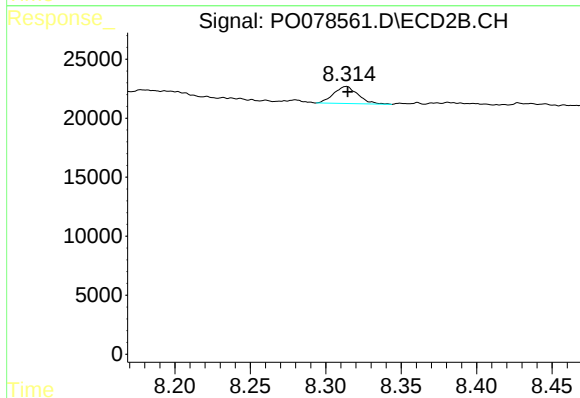
R.T.: 7.815 min  
Delta R.T.: -0.004 min  
Response: 217808  
Conc: 72.41 ng/ml



#40 AR-1262-5

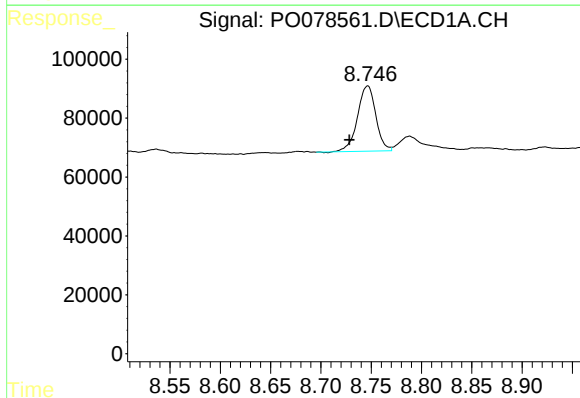
R.T.: 9.355 min  
Delta R.T.: 0.002 min  
Response: 27432  
Conc: 14.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



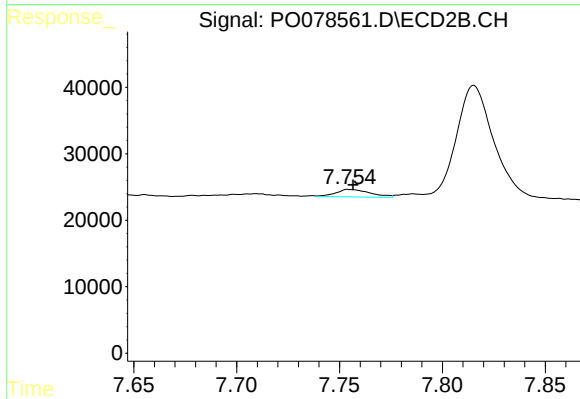
#40 AR-1262-5

R.T.: 8.314 min  
Delta R.T.: 0.000 min  
Response: 16221  
Conc: 11.95 ng/ml



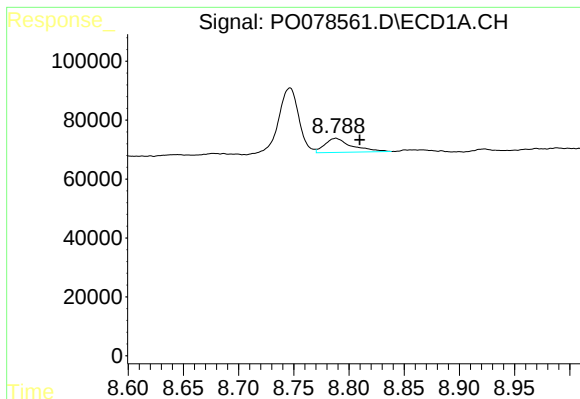
#41 AR-1268-1

R.T.: 8.747 min  
Delta R.T.: 0.018 min  
Response: 280679  
Conc: 39.13 ng/ml



#41 AR-1268-1

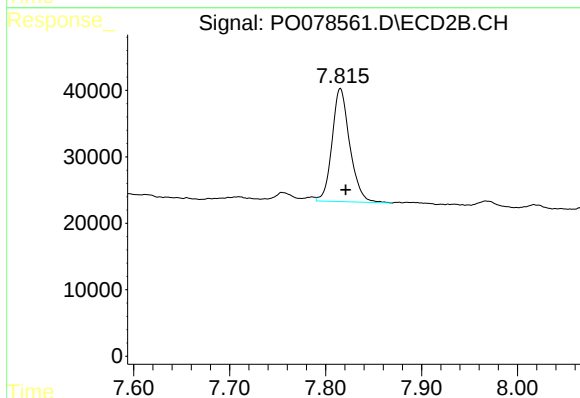
R.T.: 7.755 min  
Delta R.T.: -0.002 min  
Response: 13053  
Conc: 2.87 ng/ml



#42 AR-1268-2

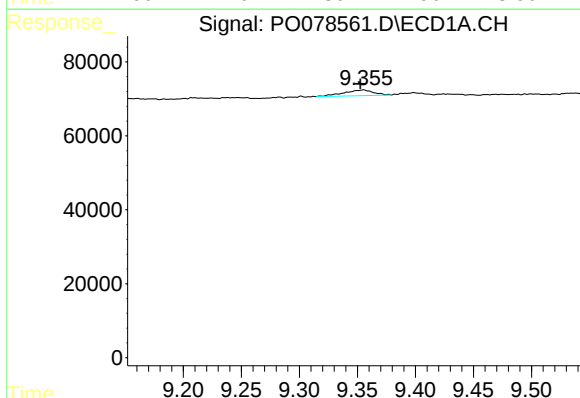
R.T.: 8.788 min  
Delta R.T.: -0.022 min  
Response: 81668  
Conc: 12.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



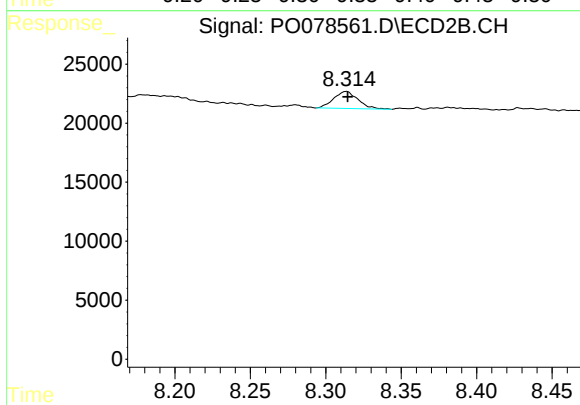
#42 AR-1268-2

R.T.: 7.815 min  
Delta R.T.: -0.006 min  
Response: 217808  
Conc: 53.19 ng/ml



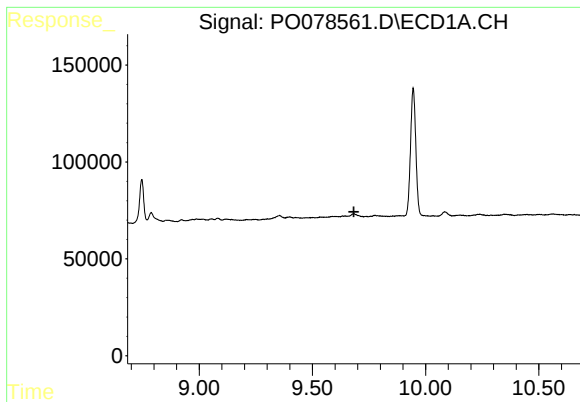
#44 AR-1268-4

R.T.: 9.355 min  
Delta R.T.: 0.003 min  
Response: 27432  
Conc: 13.86 ng/ml



#44 AR-1268-4

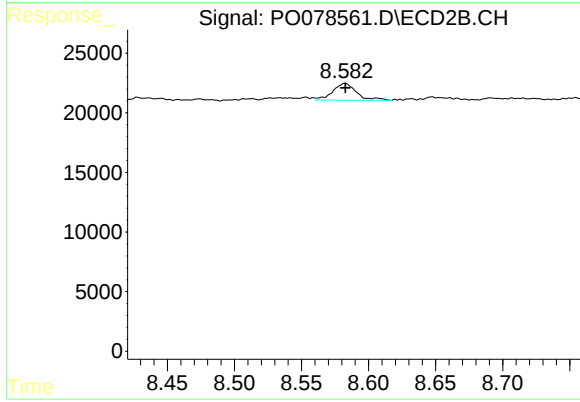
R.T.: 8.314 min  
Delta R.T.: 0.000 min  
Response: 16221  
Conc: 11.05 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.683 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.582 min  
Delta R.T.: 0.000 min  
Response: 17341  
Conc: 1.67 ng/ml