

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0052821\  
 Data File : P0078272.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 28 May 2021 20:34  
 Operator : DD\AJ  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1254CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 31 02:58:22 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0051821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed May 19 06:28:32 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... | 4.339  | 3.617  | 3602932 | 1556004 | 48.749   | 51.496     |
| 2)                          | SA Decachlor... | 9.950  | 8.805  | 2393152 | 1386899 | 48.404   | 47.696     |
| Target Compounds            |                 |        |        |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 5.641  | 4.846  | 105006  | 10657   | 43.107   | 9.760 #    |
| 4)                          | L1 AR-1016-2    | 5.641f | 4.862  | 105006  | 17116   | 29.452   | 11.010 #   |
| 5)                          | L1 AR-1016-3    | 5.722  | 5.044f | 19285   | 14568   | 8.703    | 17.798 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.105  | 0       | 350999  | N.D.     | 493.447 #  |
| 7)                          | L1 AR-1016-5    | 6.136  | 5.328  | 393645  | 203473  | 227.546  | 230.805    |
| 9)                          | L2 AR-1221-2    | 4.680  | 3.960  | 43530   | 20972   | 70.831   | 76.133     |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.862  | 0       | 17116   | N.D.     | 25.729 #   |
| 13)                         | L3 AR-1232-3    | 5.641f | 5.044f | 105006  | 14568   | 72.320   | 42.867 #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.147  | 0       | 112773  | N.D.     | 355.990 #  |
| 15)                         | L3 AR-1232-5    | 5.925  | 5.328  | 696709  | 203473  | 1418.973 | 584.792 #  |
| 16)                         | L4 AR-1242-1    | 5.641  | 4.862  | 105006  | 17116   | 57.158   | 19.928 #   |
| 17)                         | L4 AR-1242-2    | 5.641f | 4.862  | 105006  | 17116   | 38.871   | 14.147 #   |
| 18)                         | L4 AR-1242-3    | 5.722  | 5.044f | 19285   | 14568   | 11.080   | 22.611 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.147  | 0       | 112773  | N.D.     | 166.811 #  |
| 20)                         | L4 AR-1242-5    | 6.598  | 5.702  | 360753  | 867766  | 269.595  | 1058.242 # |
| 21)                         | L5 AR-1248-1    | 5.641  | 4.862  | 105006  | 17116   | 73.694   | 26.560 #   |
| 22)                         | L5 AR-1248-2    | 5.925  | 5.105  | 696709  | 350999  | 366.979  | 367.175    |
| 23)                         | L5 AR-1248-3    | 6.136  | 5.147  | 393645  | 112773  | 177.474  | 117.321 #  |
| 24)                         | L5 AR-1248-4    | 6.559  | 5.328  | 607585  | 203473  | 261.030  | 177.665 #  |
| 25)                         | L5 AR-1248-5    | 6.598  | 5.744  | 360753  | 110950  | 159.444  | 105.883 #  |
| 26)                         | L6 AR-1254-1    | 6.529  | 5.702  | 1172907 | 867766  | 472.567  | 503.170    |
| 27)                         | L6 AR-1254-2    | 6.755  | 5.860  | 1918914 | 790829  | 494.497  | 493.352    |
| 28)                         | L6 AR-1254-3    | 7.130  | 6.273  | 2040247 | 1205983 | 520.028  | 505.283    |
| 29)                         | L6 AR-1254-4    | 7.424  | 6.511  | 1497483 | 746418  | 551.418  | 514.112    |
| 30)                         | L6 AR-1254-5    | 7.847  | 6.933  | 1608805 | 1108635 | 550.116  | 487.755    |
| 31)                         | L7 AR-1260-1    | 7.296  | 6.408  | 907878  | 632018  | 323.519  | 394.454    |
| 32)                         | L7 AR-1260-2    | 7.560  | 6.604  | 994894  | 527173  | 295.739  | 273.065    |
| 33)                         | L7 AR-1260-3    | 7.905f | 6.752  | 222880  | 516180  | 91.345   | 281.353 #  |
| 34)                         | L7 AR-1260-4    | 8.138  | 7.232  | 599676  | 56723   | 223.865  | 37.628 #   |
| 35)                         | L7 AR-1260-5    | 8.460  | 7.479  | 203722  | 127421  | 39.666   | 36.539     |
| 36)                         | L8 AR-1262-1    | 7.905f | 6.933  | 222880  | 1108635 | 62.215   | 944.805 #  |
| 37)                         | L8 AR-1262-2    | 8.460  | 7.479  | 203722  | 127421  | 33.843   | 32.664     |
| 38)                         | L8 AR-1262-3    | 8.750  | 7.772  | 167525  | 13060   | 41.480   | 8.116 #    |
| 39)                         | L8 AR-1262-4    | 8.792f | 7.821f | 39891   | 140249  | 12.792   | 46.768 #   |
| 41)                         | L9 AR-1268-1    | 8.750  | 7.772  | 167525  | 13060   | 23.633   | 2.853 #    |
| 42)                         | L9 AR-1268-2    | 8.792f | 7.821f | 39891   | 140249  | 6.164    | 33.897 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.587  | 0       | 11229   | N.D.     | 1.066 #    |
| -----                       |                 |        |        |         |         |          |            |

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

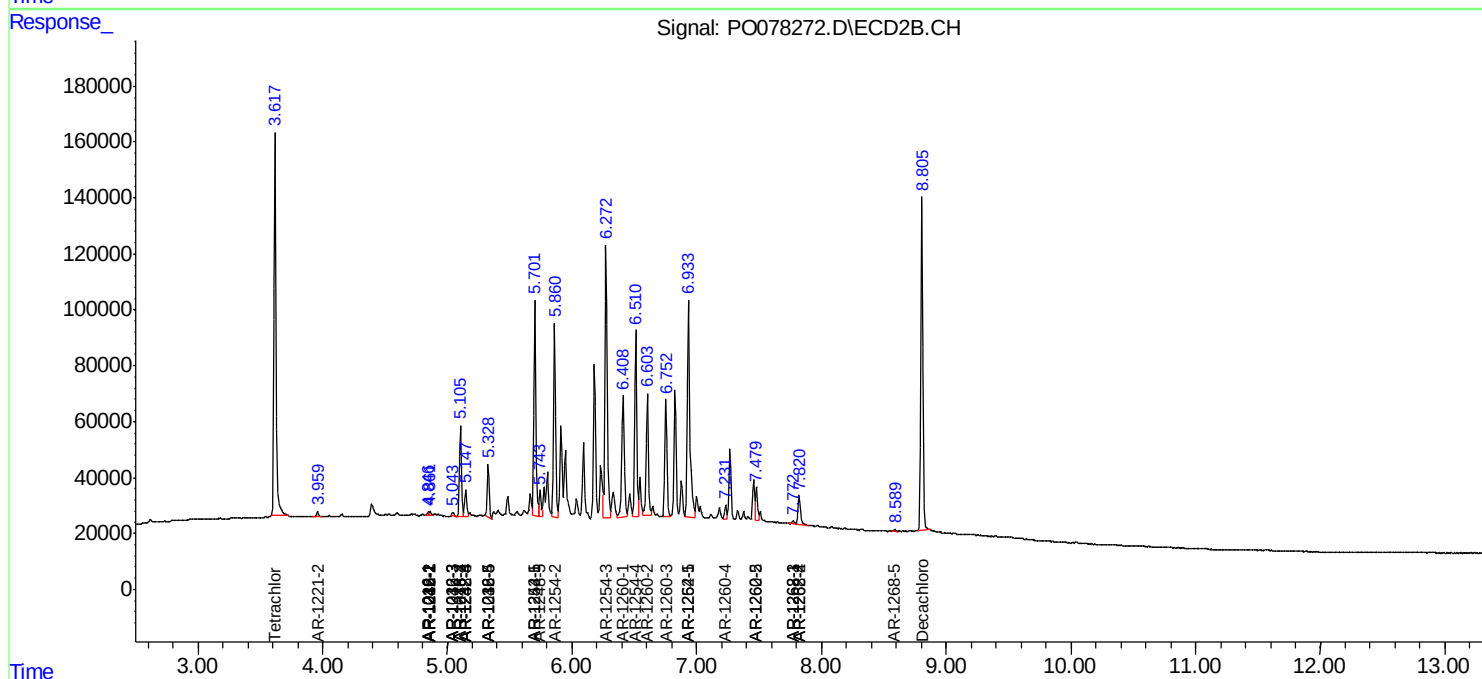
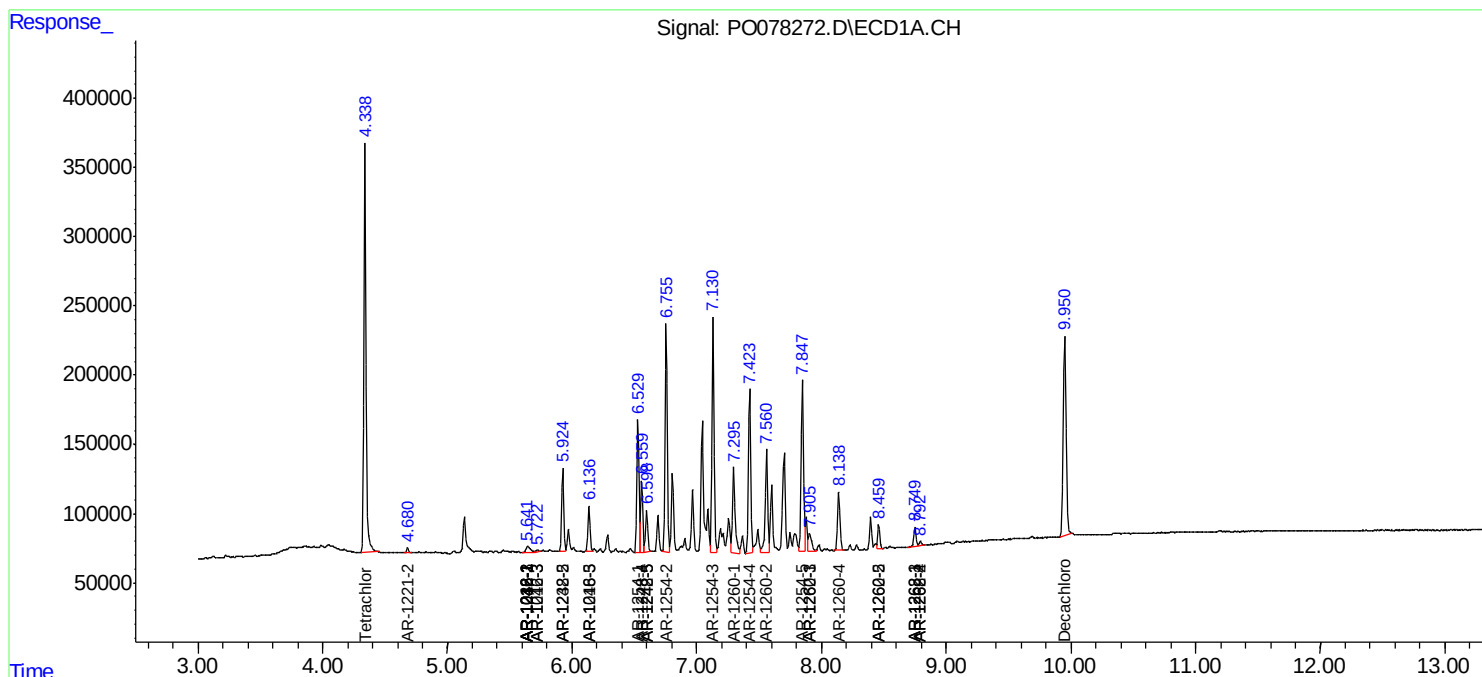
**Instrument :**  
ECD\_O  
**ClientSampleId :**  
AR1254CCC500

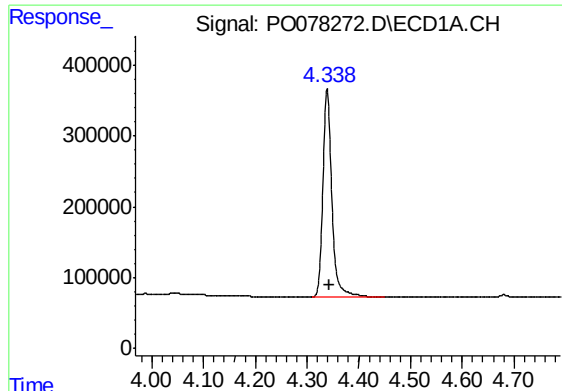
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO052821\  
Data File : PO078272.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 28 May 2021 20:34  
Operator : DD\AJ  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
AR1254CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 31 02:58:22 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO051821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed May 19 06:28:32 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

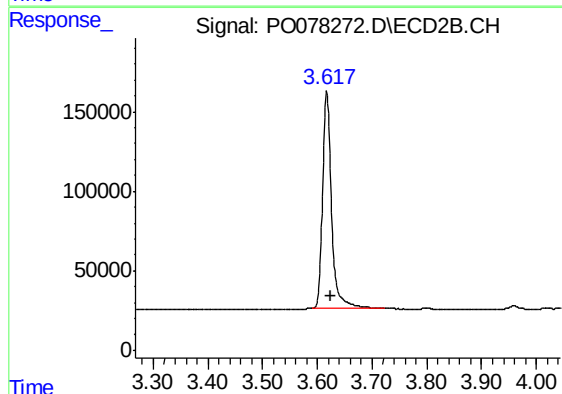




#1 Tetrachloro-m-xylene

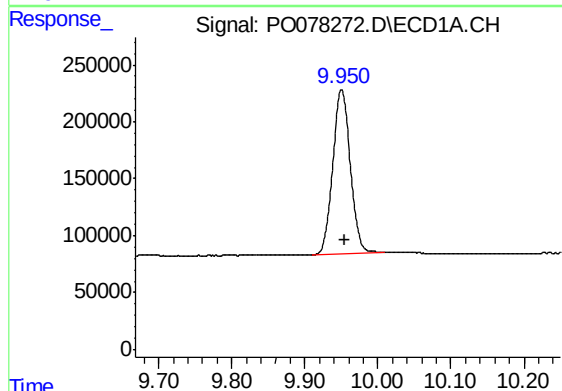
R.T.: 4.339 min  
Delta R.T.: -0.005 min  
Response: 3602932  
Conc: 48.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



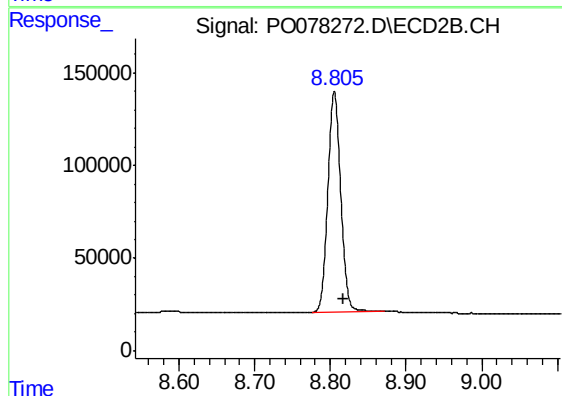
#1 Tetrachloro-m-xylene

R.T.: 3.617 min  
Delta R.T.: -0.007 min  
Response: 1556004  
Conc: 51.50 ng/ml



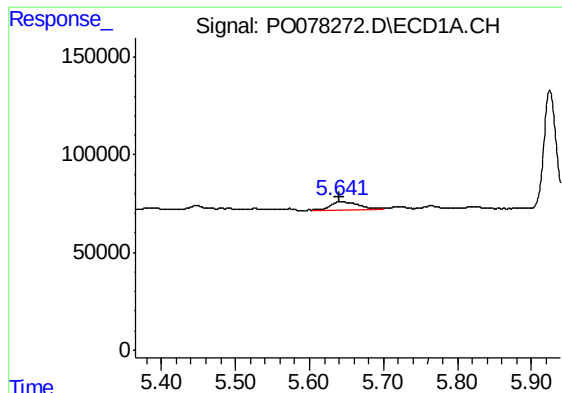
#2 Decachlorobiphenyl

R.T.: 9.950 min  
Delta R.T.: -0.005 min  
Response: 2393152  
Conc: 48.40 ng/ml



#2 Decachlorobiphenyl

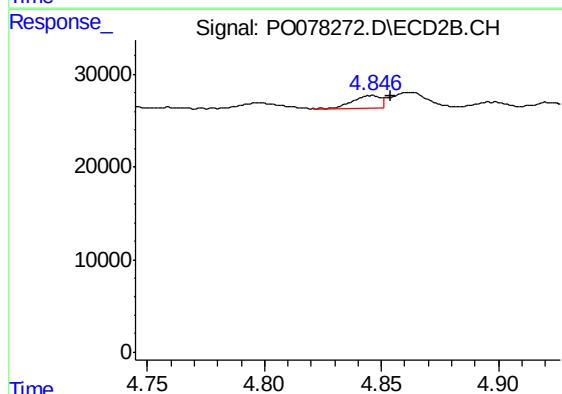
R.T.: 8.805 min  
Delta R.T.: -0.011 min  
Response: 1386899  
Conc: 47.70 ng/ml



#3 AR-1016-1

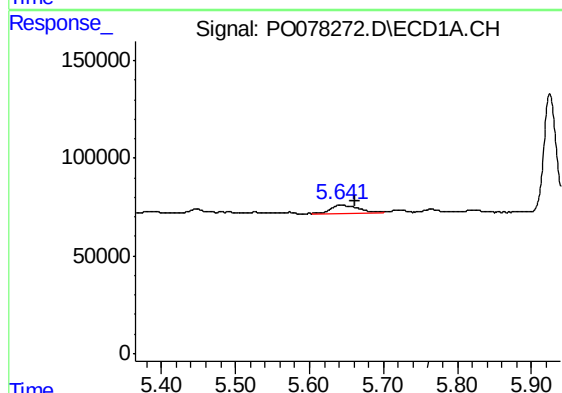
R.T.: 5.641 min  
Delta R.T.: 0.001 min  
Response: 105006  
Conc: 43.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



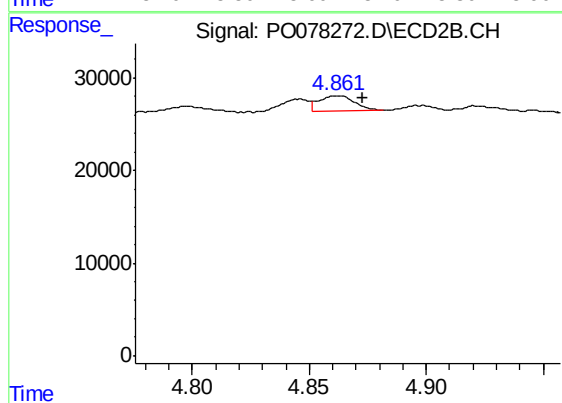
#3 AR-1016-1

R.T.: 4.846 min  
Delta R.T.: -0.008 min  
Response: 10657  
Conc: 9.76 ng/ml



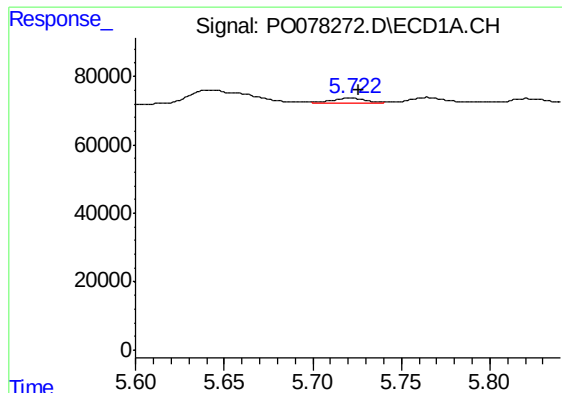
#4 AR-1016-2

R.T.: 5.641 min  
Delta R.T.: -0.020 min  
Response: 105006  
Conc: 29.45 ng/ml



#4 AR-1016-2

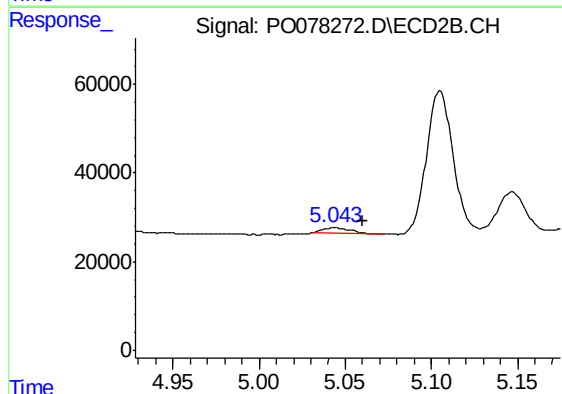
R.T.: 4.862 min  
Delta R.T.: -0.011 min  
Response: 17116  
Conc: 11.01 ng/ml



#5 AR-1016-3

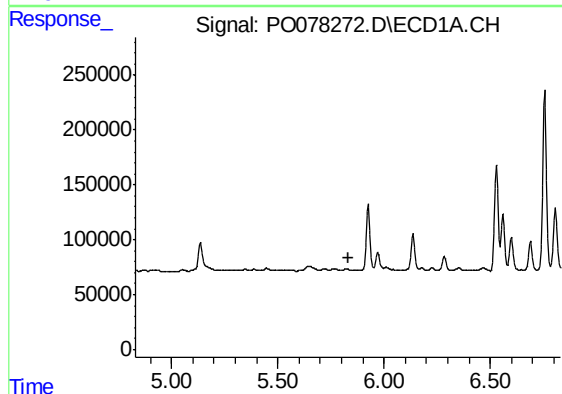
R.T.: 5.722 min  
Delta R.T.: -0.004 min  
Response: 19285  
Conc: 8.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



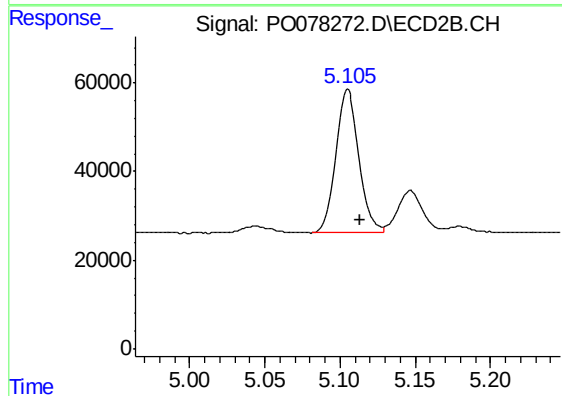
#5 AR-1016-3

R.T.: 5.044 min  
Delta R.T.: -0.016 min  
Response: 14568  
Conc: 17.80 ng/ml



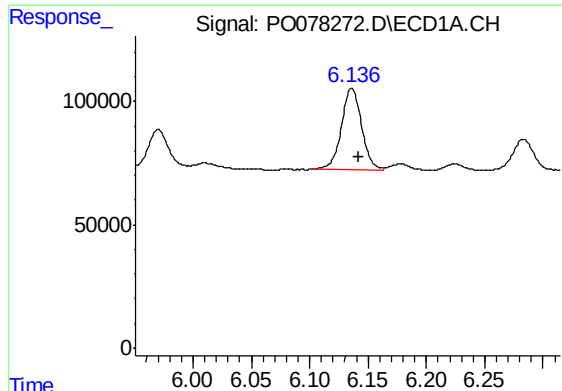
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.831 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

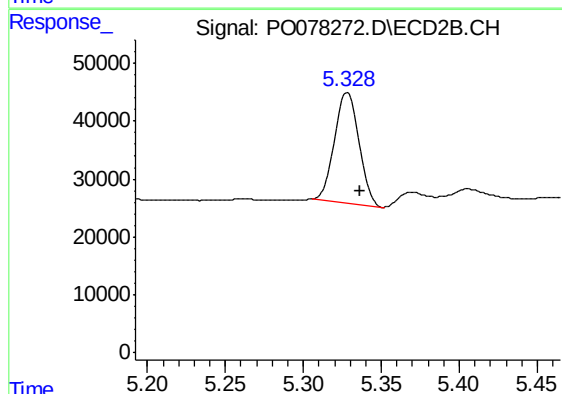
R.T.: 5.105 min  
Delta R.T.: -0.008 min  
Response: 350999  
Conc: 493.45 ng/ml



#7 AR-1016-5

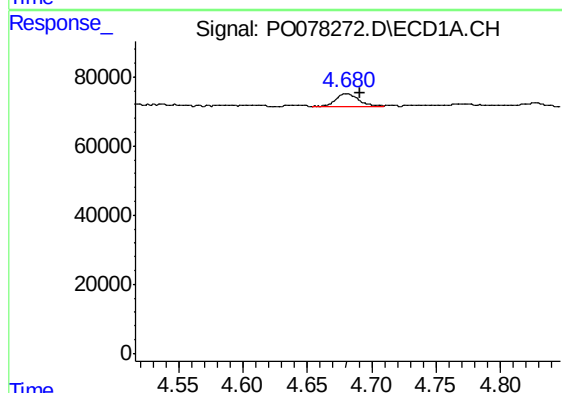
R.T.: 6.136 min  
Delta R.T.: -0.006 min  
Response: 393645  
Conc: 227.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



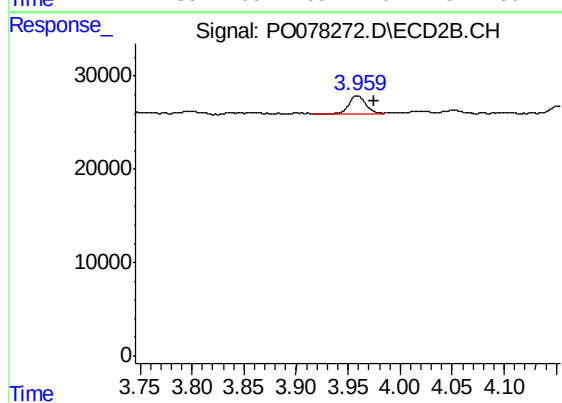
#7 AR-1016-5

R.T.: 5.328 min  
Delta R.T.: -0.009 min  
Response: 203473  
Conc: 230.81 ng/ml



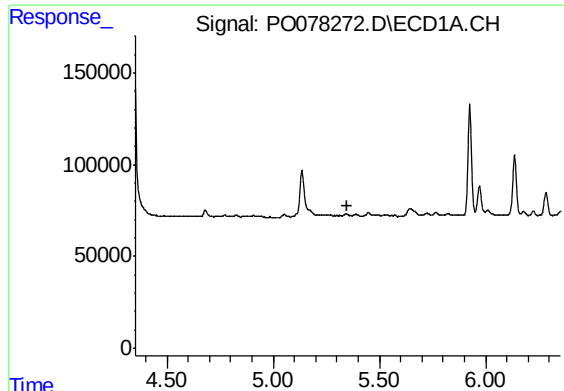
#9 AR-1221-2

R.T.: 4.680 min  
Delta R.T.: -0.011 min  
Response: 43530  
Conc: 70.83 ng/ml



#9 AR-1221-2

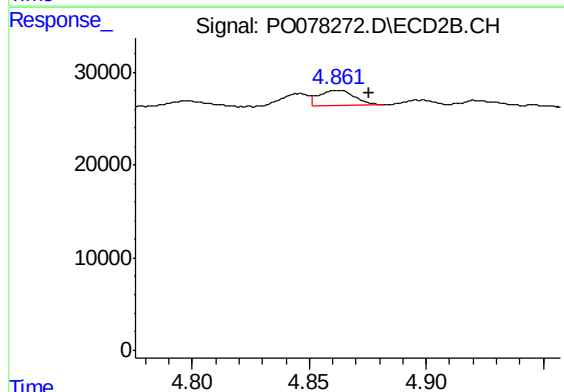
R.T.: 3.960 min  
Delta R.T.: -0.015 min  
Response: 20972  
Conc: 76.13 ng/ml



#12 AR-1232-2

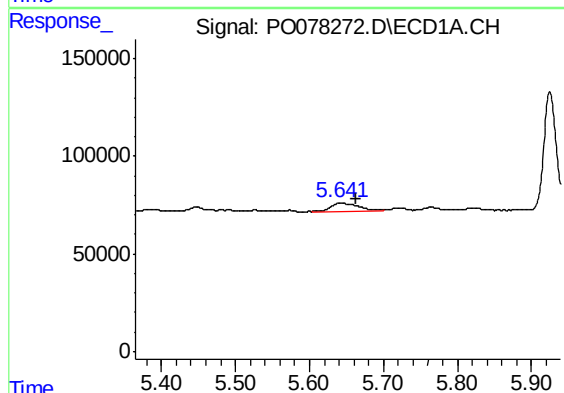
R.T.: 0.000 min  
Exp R.T.: 5.352 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



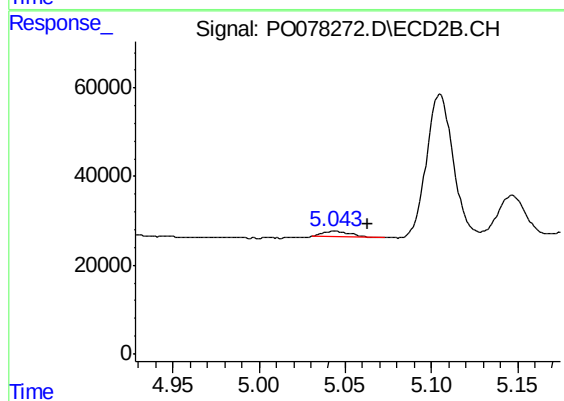
#12 AR-1232-2

R.T.: 4.862 min  
Delta R.T.: -0.014 min  
Response: 17116  
Conc: 25.73 ng/ml



#13 AR-1232-3

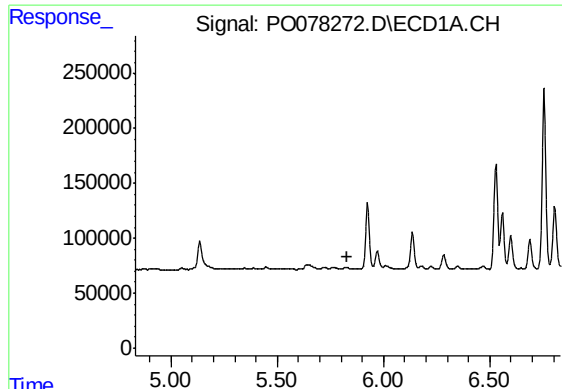
R.T.: 5.641 min  
Delta R.T.: -0.023 min  
Response: 105006  
Conc: 72.32 ng/ml



#13 AR-1232-3

R.T.: 5.044 min  
Delta R.T.: -0.020 min  
Response: 14568  
Conc: 42.87 ng/ml

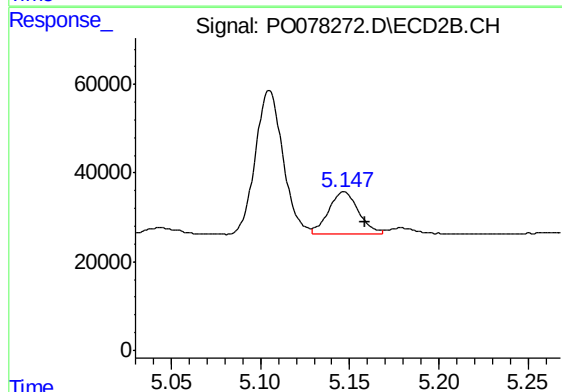




#14 AR-1232-4

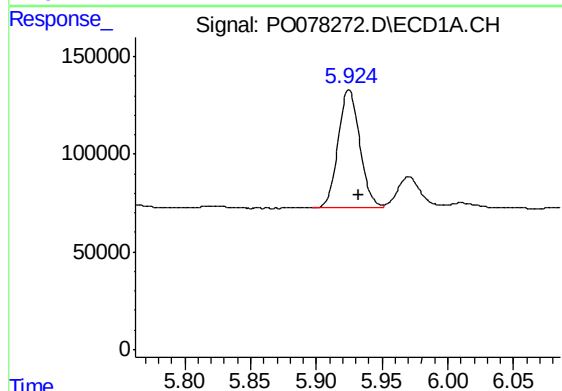
R.T.: 0.000 min  
Exp R.T.: 5.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



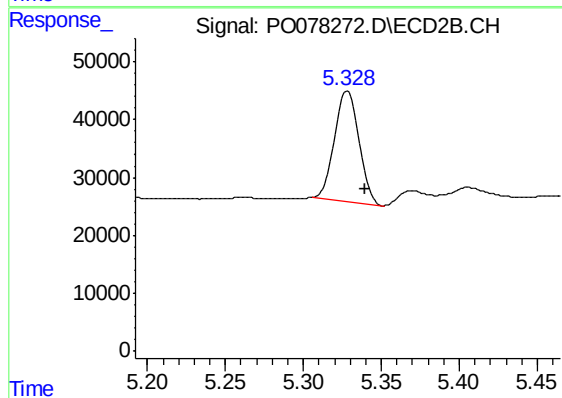
#14 AR-1232-4

R.T.: 5.147 min  
Delta R.T.: -0.012 min  
Response: 112773  
Conc: 355.99 ng/ml



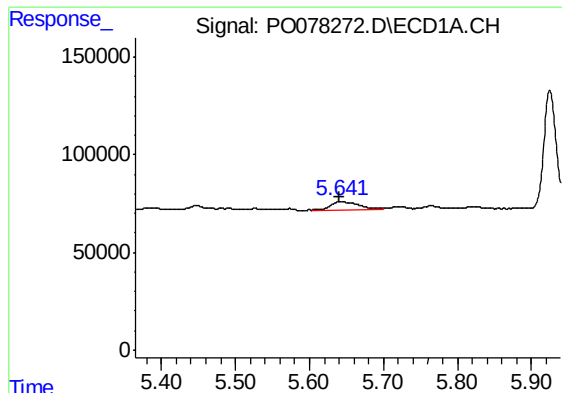
#15 AR-1232-5

R.T.: 5.925 min  
Delta R.T.: -0.008 min  
Response: 696709  
Conc: 1418.97 ng/ml



#15 AR-1232-5

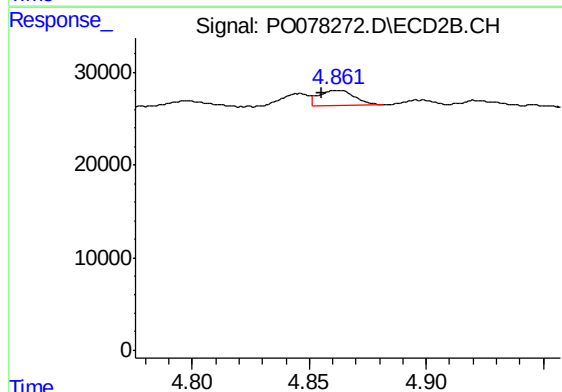
R.T.: 5.328 min  
Delta R.T.: -0.012 min  
Response: 203473  
Conc: 584.79 ng/ml



#16 AR-1242-1

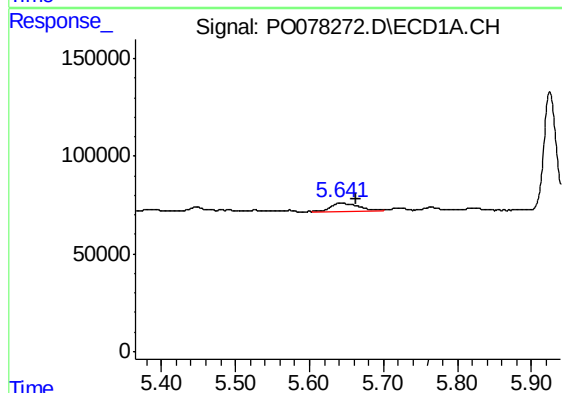
R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 105006  
Conc: 57.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



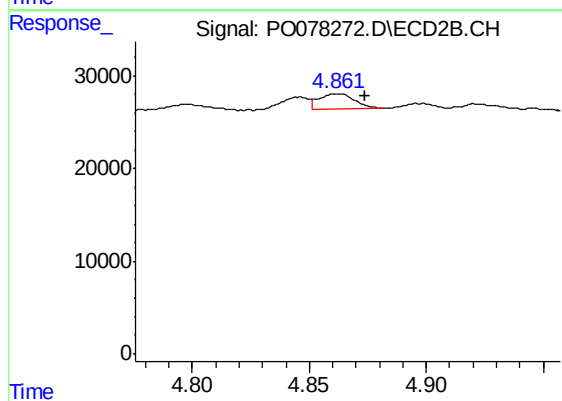
#16 AR-1242-1

R.T.: 4.862 min  
Delta R.T.: 0.007 min  
Response: 17116  
Conc: 19.93 ng/ml



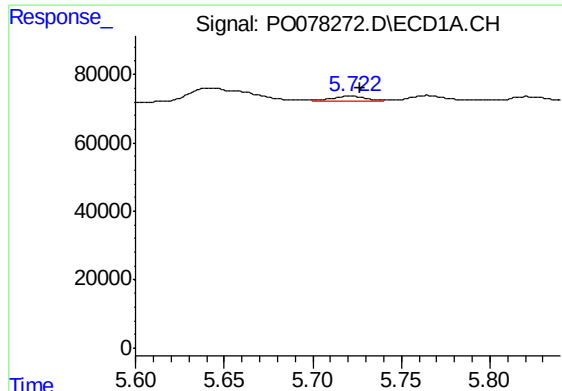
#17 AR-1242-2

R.T.: 5.641 min  
Delta R.T.: -0.022 min  
Response: 105006  
Conc: 38.87 ng/ml



#17 AR-1242-2

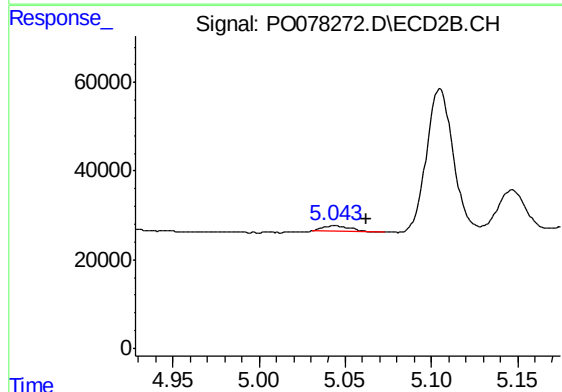
R.T.: 4.862 min  
Delta R.T.: -0.012 min  
Response: 17116  
Conc: 14.15 ng/ml



#18 AR-1242-3

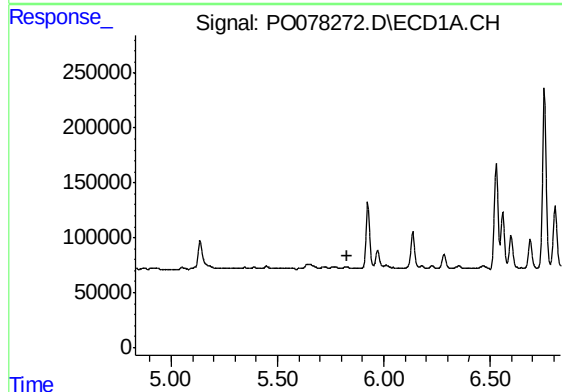
R.T.: 5.722 min  
Delta R.T.: -0.005 min  
Response: 19285  
Conc: 11.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



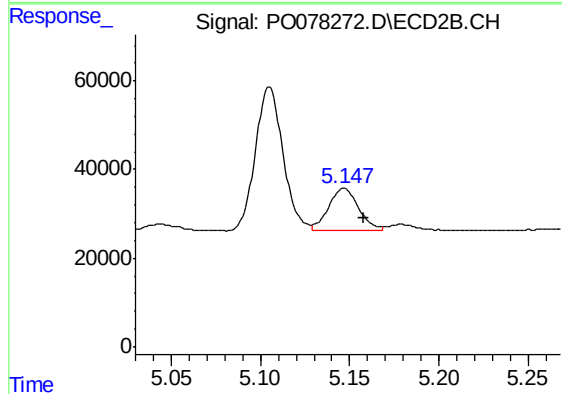
#18 AR-1242-3

R.T.: 5.044 min  
Delta R.T.: -0.018 min  
Response: 14568  
Conc: 22.61 ng/ml



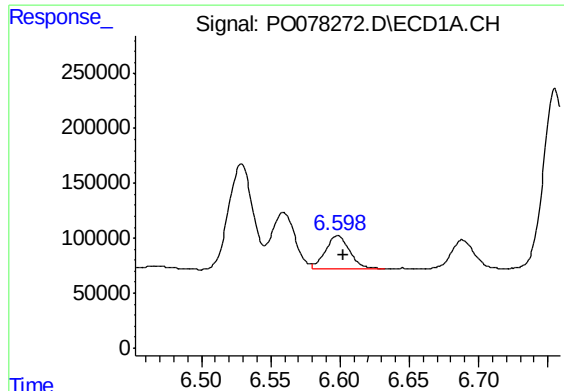
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.831 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

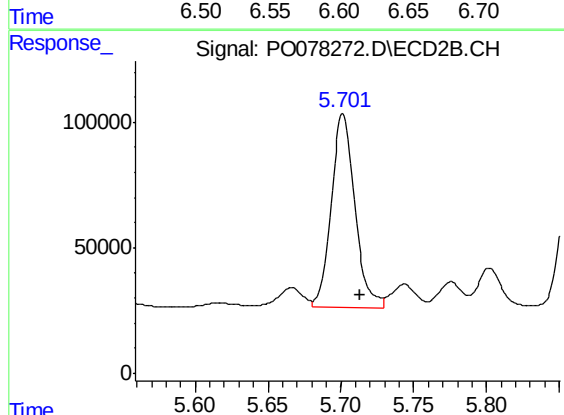
R.T.: 5.147 min  
Delta R.T.: -0.011 min  
Response: 112773  
Conc: 166.81 ng/ml



#20 AR-1242-5

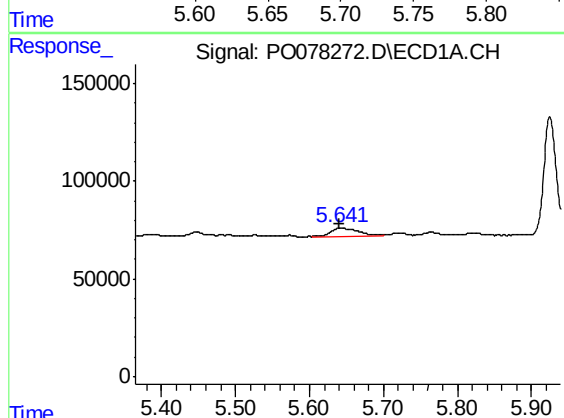
R.T.: 6.598 min  
Delta R.T.: -0.004 min  
Response: 360753  
Conc: 269.60 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



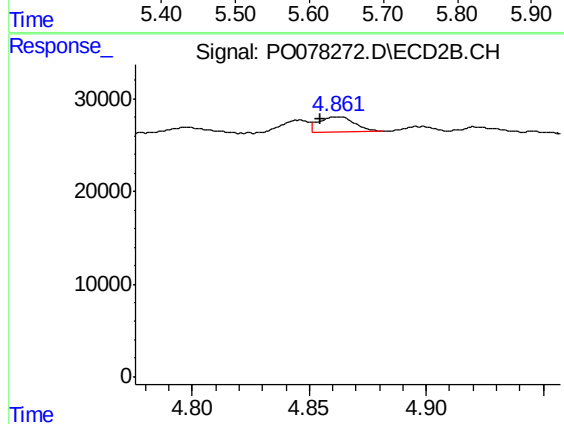
#20 AR-1242-5

R.T.: 5.702 min  
Delta R.T.: -0.012 min  
Response: 867766  
Conc: 1058.24 ng/ml



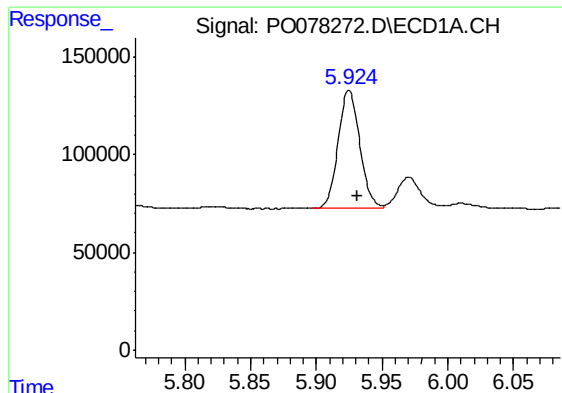
#21 AR-1248-1

R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 105006  
Conc: 73.69 ng/ml



#21 AR-1248-1

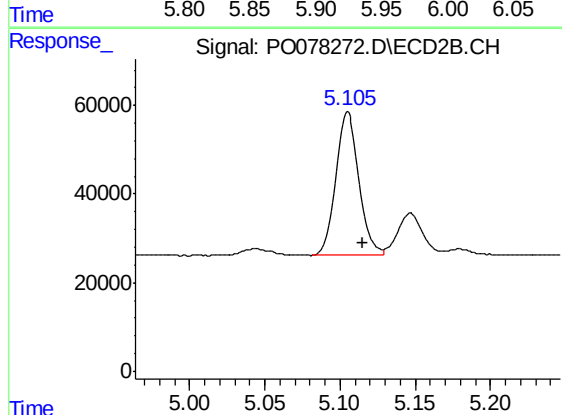
R.T.: 4.862 min  
Delta R.T.: 0.007 min  
Response: 17116  
Conc: 26.56 ng/ml



#22 AR-1248-2

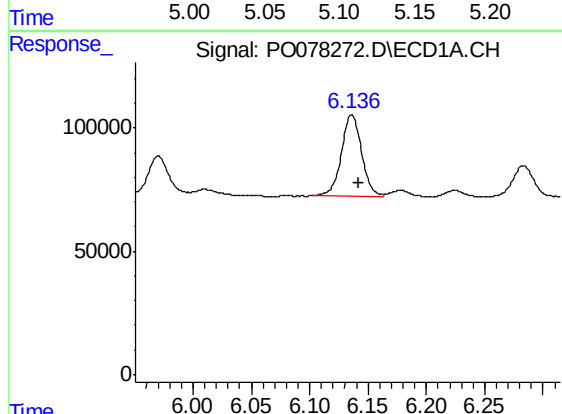
R.T.: 5.925 min  
Delta R.T.: -0.007 min  
Response: 696709  
Conc: 366.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



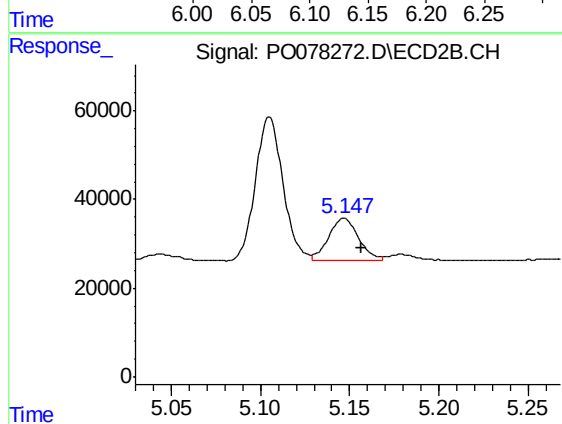
#22 AR-1248-2

R.T.: 5.105 min  
Delta R.T.: -0.010 min  
Response: 350999  
Conc: 367.18 ng/ml



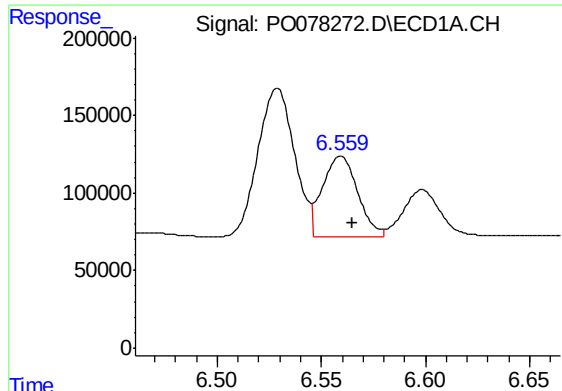
#23 AR-1248-3

R.T.: 6.136 min  
Delta R.T.: -0.006 min  
Response: 393645  
Conc: 177.47 ng/ml



#23 AR-1248-3

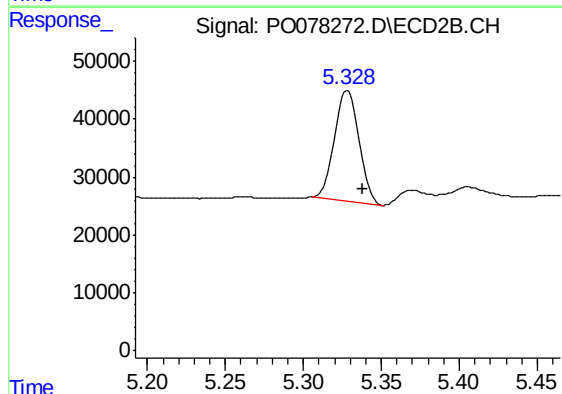
R.T.: 5.147 min  
Delta R.T.: -0.010 min  
Response: 112773  
Conc: 117.32 ng/ml



#24 AR-1248-4

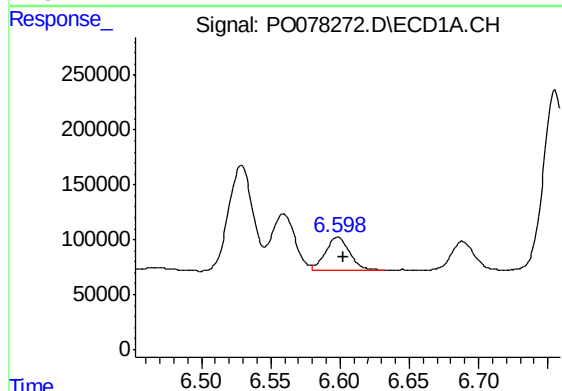
R.T.: 6.559 min  
Delta R.T.: -0.006 min  
Response: 607585  
Conc: 261.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



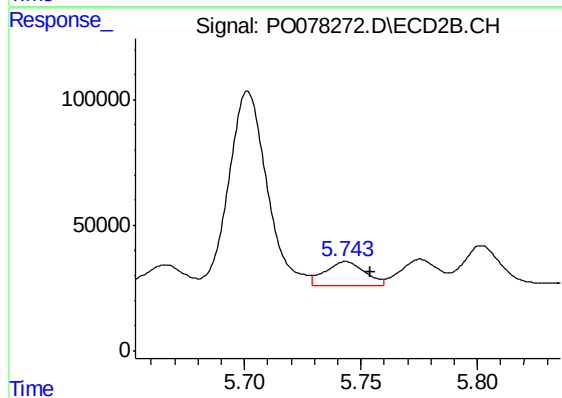
#24 AR-1248-4

R.T.: 5.328 min  
Delta R.T.: -0.010 min  
Response: 203473  
Conc: 177.66 ng/ml



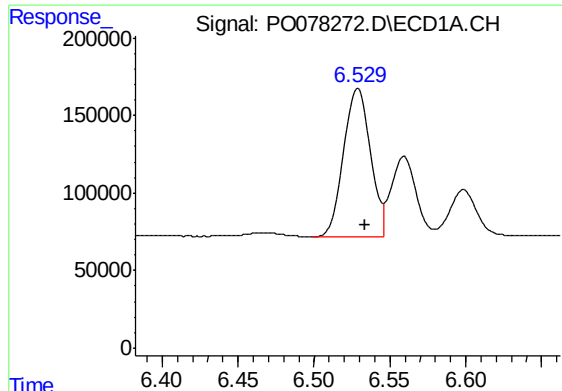
#25 AR-1248-5

R.T.: 6.598 min  
Delta R.T.: -0.004 min  
Response: 360753  
Conc: 159.44 ng/ml



#25 AR-1248-5

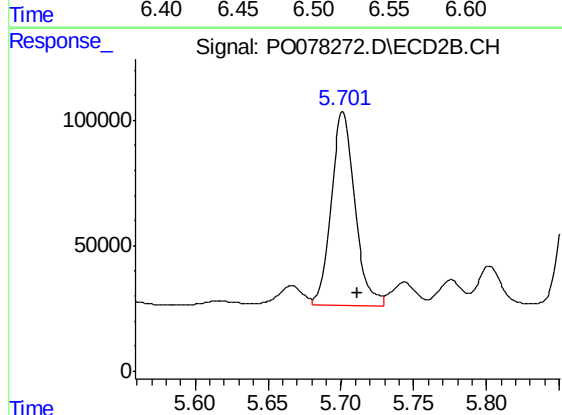
R.T.: 5.744 min  
Delta R.T.: -0.010 min  
Response: 110950  
Conc: 105.88 ng/ml



#26 AR-1254-1

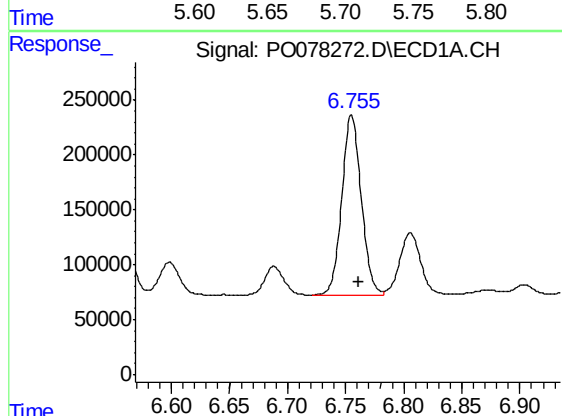
R.T.: 6.529 min  
Delta R.T.: -0.005 min  
Response: 1172907  
Conc: 472.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



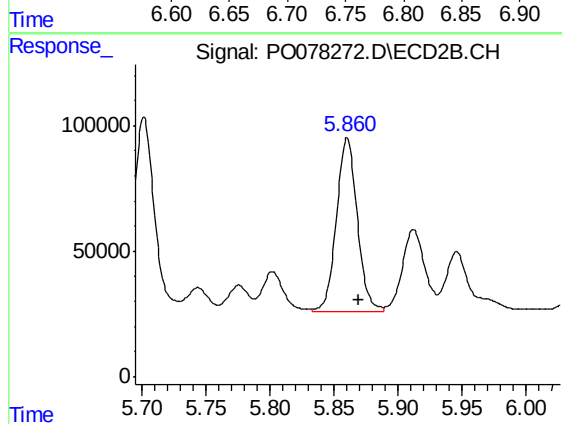
#26 AR-1254-1

R.T.: 5.702 min  
Delta R.T.: -0.010 min  
Response: 867766  
Conc: 503.17 ng/ml



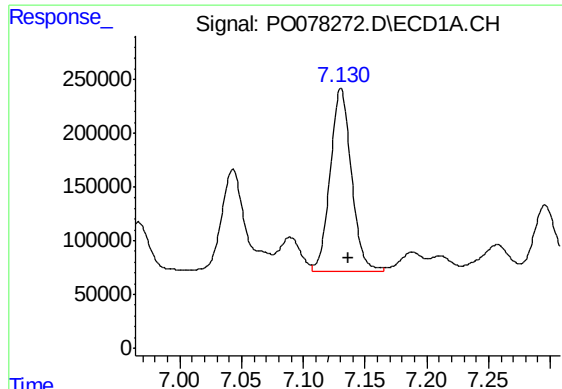
#27 AR-1254-2

R.T.: 6.755 min  
Delta R.T.: -0.007 min  
Response: 1918914  
Conc: 494.50 ng/ml



#27 AR-1254-2

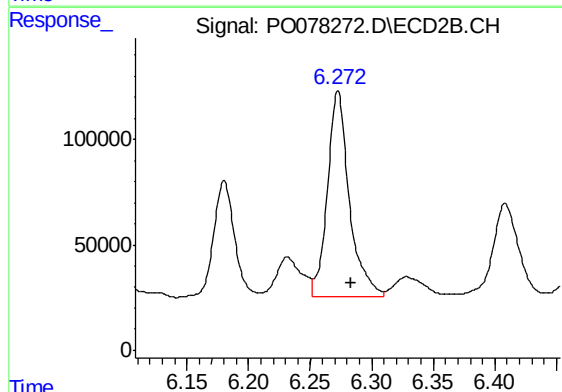
R.T.: 5.860 min  
Delta R.T.: -0.010 min  
Response: 790829  
Conc: 493.35 ng/ml



#28 AR-1254-3

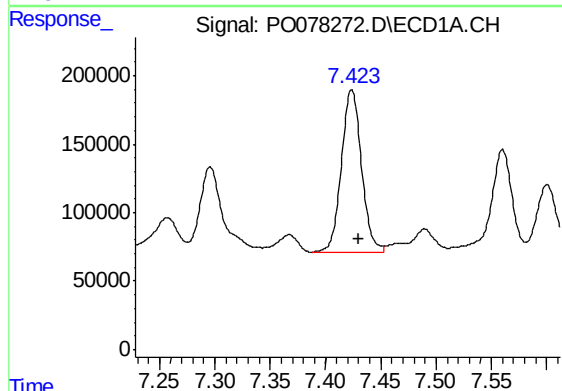
R.T.: 7.130 min  
Delta R.T.: -0.006 min  
Response: 2040247  
Conc: 520.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



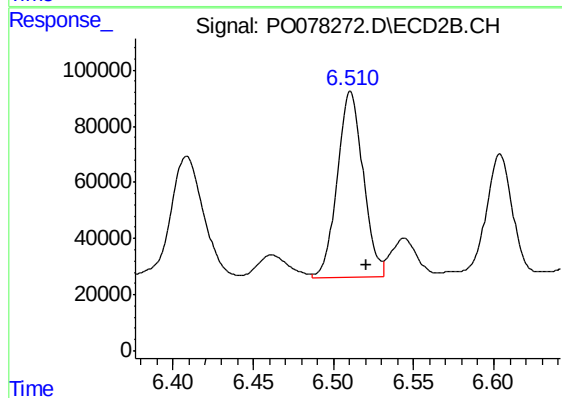
#28 AR-1254-3

R.T.: 6.273 min  
Delta R.T.: -0.010 min  
Response: 1205983  
Conc: 505.28 ng/ml



#29 AR-1254-4

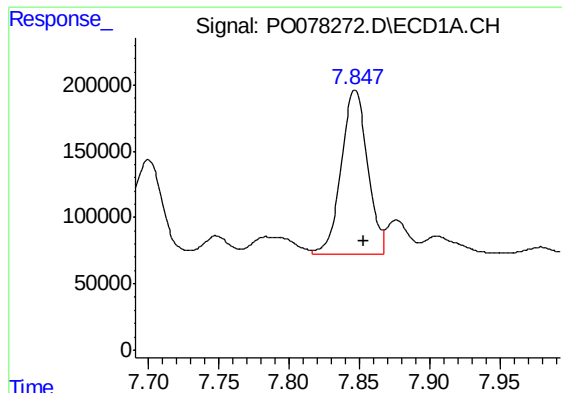
R.T.: 7.424 min  
Delta R.T.: -0.006 min  
Response: 1497483  
Conc: 551.42 ng/ml



#29 AR-1254-4

R.T.: 6.511 min  
Delta R.T.: -0.010 min  
Response: 746418  
Conc: 514.11 ng/ml

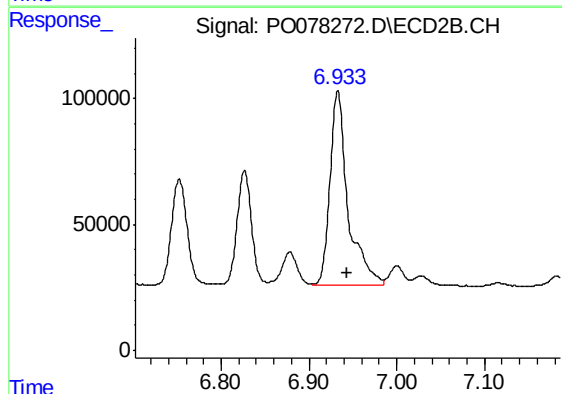




#30 AR-1254-5

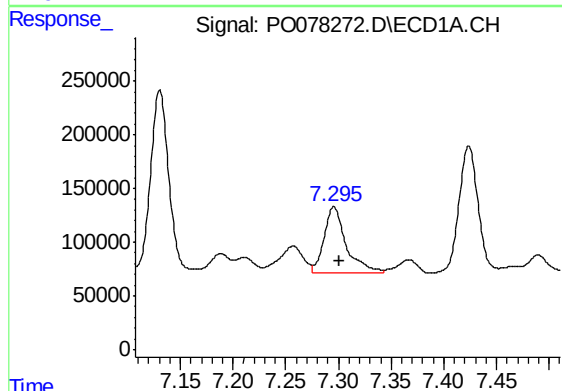
R.T.: 7.847 min  
Delta R.T.: -0.006 min  
Response: 1608805  
Conc: 550.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



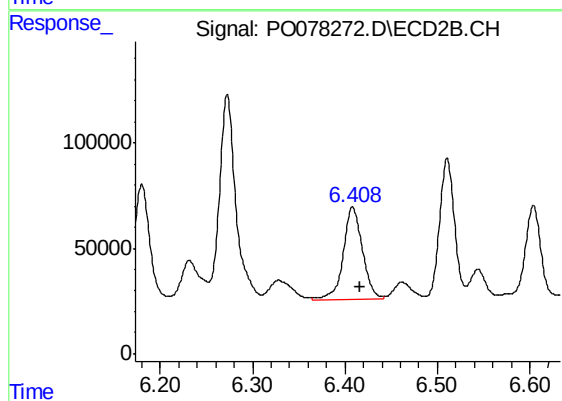
#30 AR-1254-5

R.T.: 6.933 min  
Delta R.T.: -0.011 min  
Response: 1108635  
Conc: 487.75 ng/ml



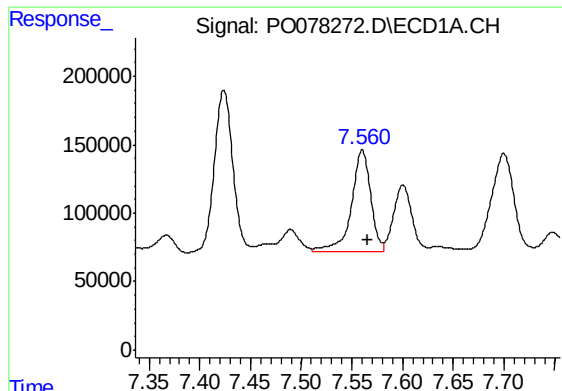
#31 AR-1260-1

R.T.: 7.296 min  
Delta R.T.: -0.005 min  
Response: 907878  
Conc: 323.52 ng/ml



#31 AR-1260-1

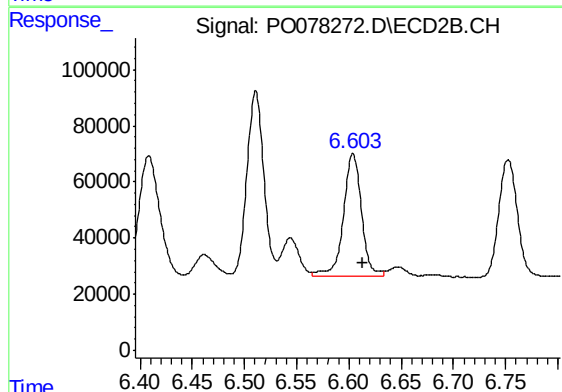
R.T.: 6.408 min  
Delta R.T.: -0.008 min  
Response: 632018  
Conc: 394.45 ng/ml



#32 AR-1260-2

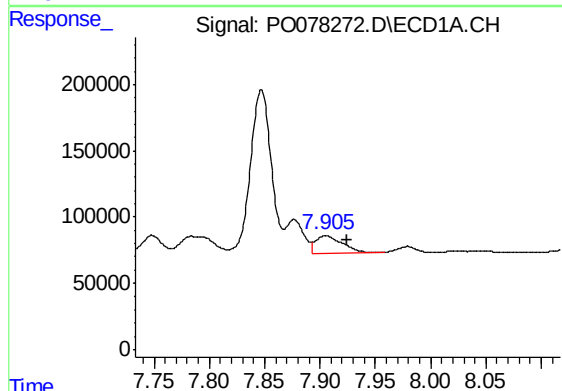
R.T.: 7.560 min  
Delta R.T.: -0.005 min  
Response: 994894  
Conc: 295.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



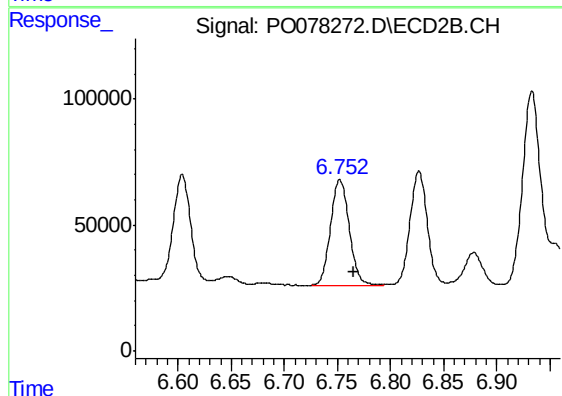
#32 AR-1260-2

R.T.: 6.604 min  
Delta R.T.: -0.010 min  
Response: 527173  
Conc: 273.07 ng/ml



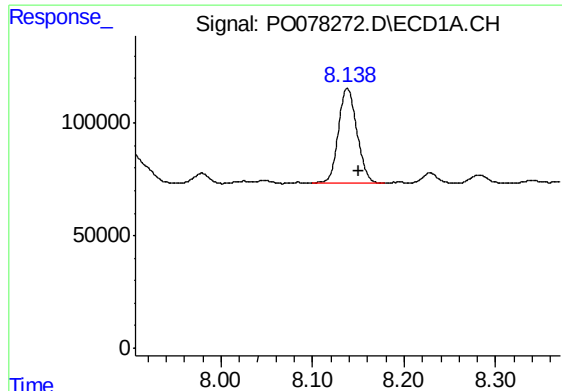
#33 AR-1260-3

R.T.: 7.905 min  
Delta R.T.: -0.019 min  
Response: 222880  
Conc: 91.34 ng/ml



#33 AR-1260-3

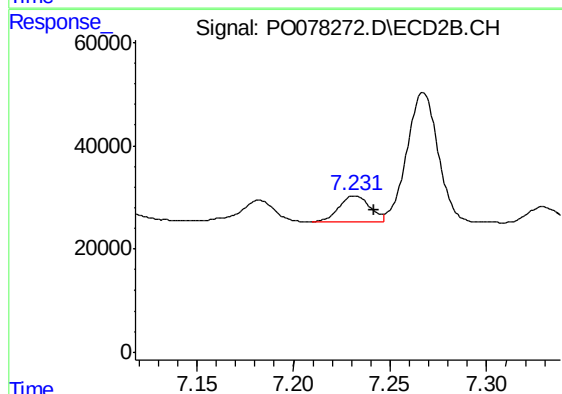
R.T.: 6.752 min  
Delta R.T.: -0.012 min  
Response: 516180  
Conc: 281.35 ng/ml



#34 AR-1260-4

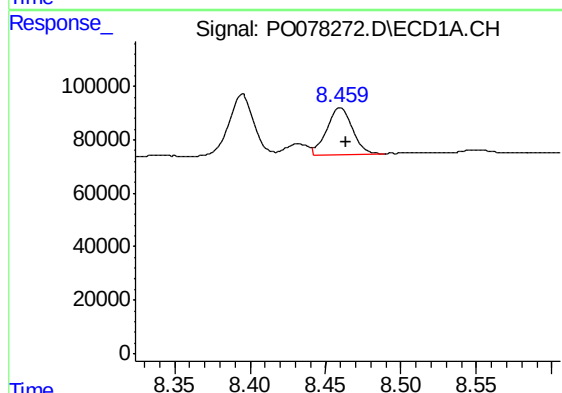
R.T.: 8.138 min  
Delta R.T.: -0.013 min  
Response: 599676  
Conc: 223.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



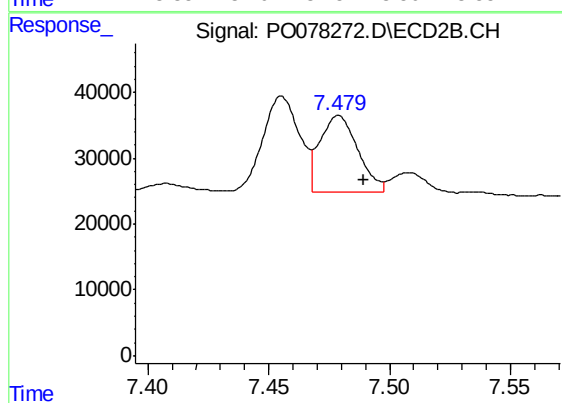
#34 AR-1260-4

R.T.: 7.232 min  
Delta R.T.: -0.010 min  
Response: 56723  
Conc: 37.63 ng/ml



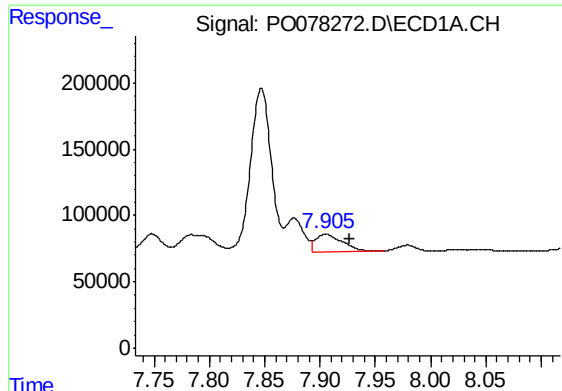
#35 AR-1260-5

R.T.: 8.460 min  
Delta R.T.: -0.003 min  
Response: 203722  
Conc: 39.67 ng/ml



#35 AR-1260-5

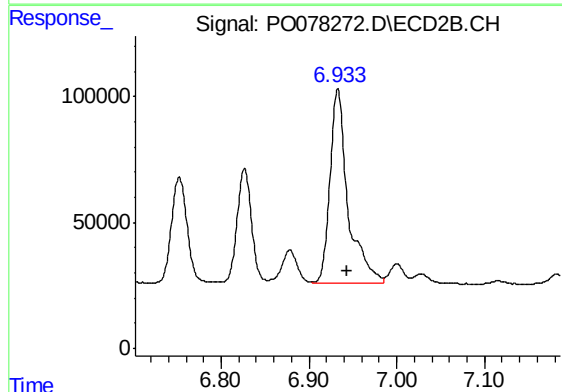
R.T.: 7.479 min  
Delta R.T.: -0.011 min  
Response: 127421  
Conc: 36.54 ng/ml



#36 AR-1262-1

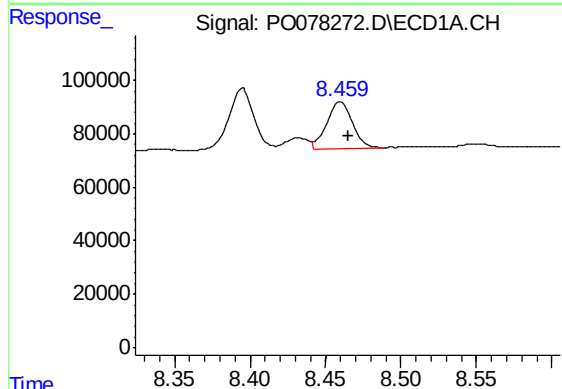
R.T.: 7.905 min  
Delta R.T.: -0.021 min  
Response: 222880  
Conc: 62.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



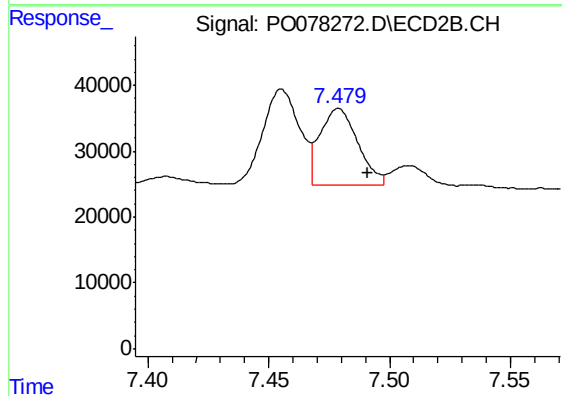
#36 AR-1262-1

R.T.: 6.933 min  
Delta R.T.: -0.010 min  
Response: 1108635  
Conc: 944.81 ng/ml



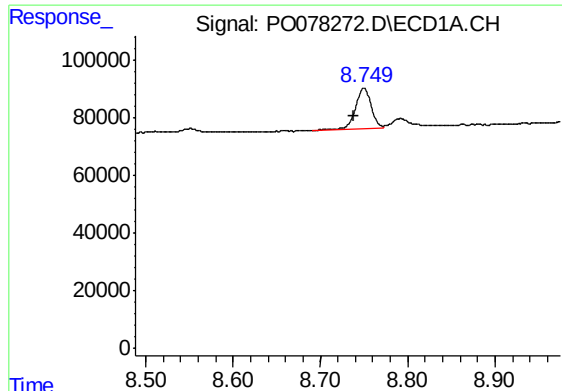
#37 AR-1262-2

R.T.: 8.460 min  
Delta R.T.: -0.006 min  
Response: 203722  
Conc: 33.84 ng/ml



#37 AR-1262-2

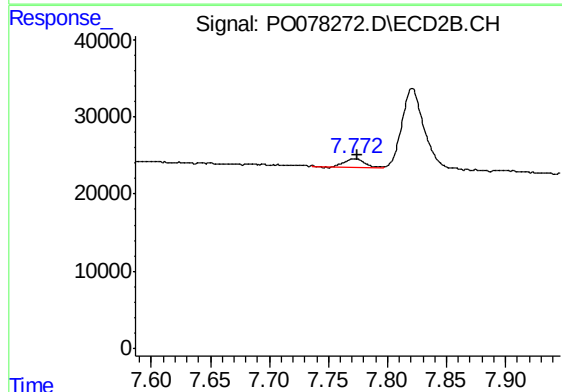
R.T.: 7.479 min  
Delta R.T.: -0.012 min  
Response: 127421  
Conc: 32.66 ng/ml



#38 AR-1262-3

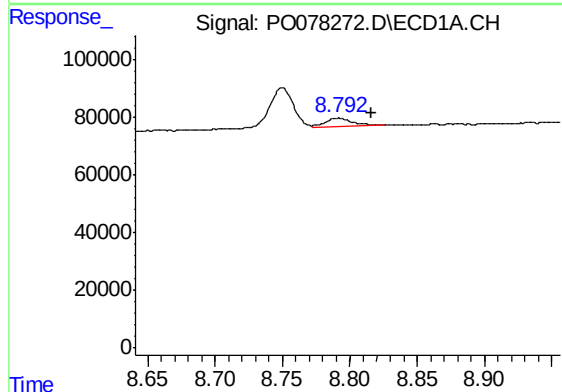
R.T.: 8.750 min  
Delta R.T.: 0.012 min  
Response: 167525  
Conc: 41.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



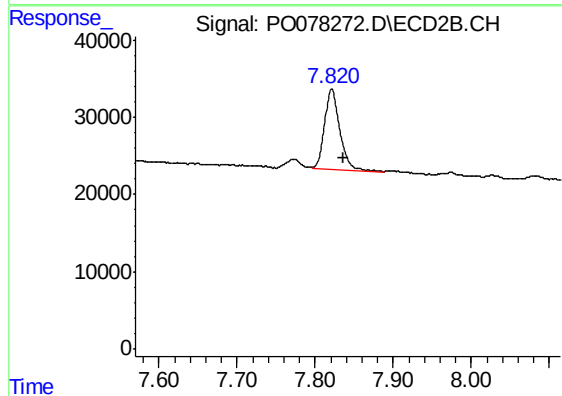
#38 AR-1262-3

R.T.: 7.772 min  
Delta R.T.: -0.002 min  
Response: 13060  
Conc: 8.12 ng/ml



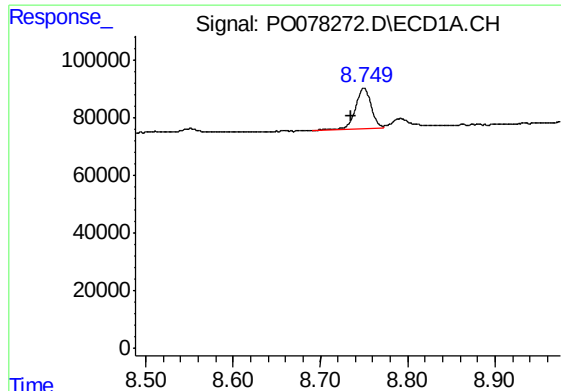
#39 AR-1262-4

R.T.: 8.792 min  
Delta R.T.: -0.024 min  
Response: 39891  
Conc: 12.79 ng/ml



#39 AR-1262-4

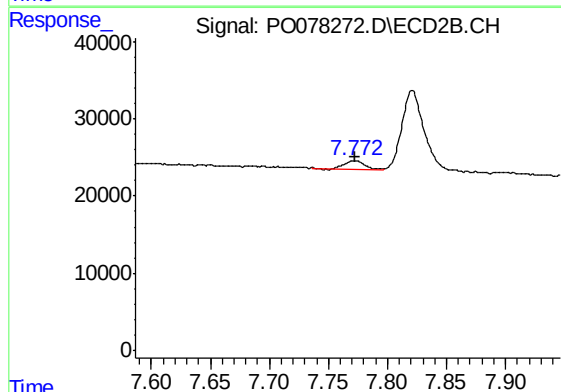
R.T.: 7.821 min  
Delta R.T.: -0.016 min  
Response: 140249  
Conc: 46.77 ng/ml



#41 AR-1268-1

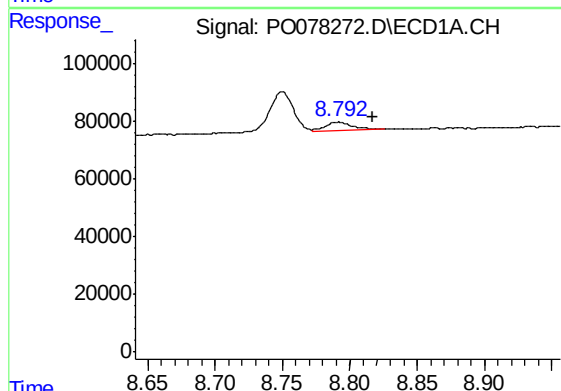
R.T.: 8.750 min  
Delta R.T.: 0.014 min  
Response: 167525  
Conc: 23.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



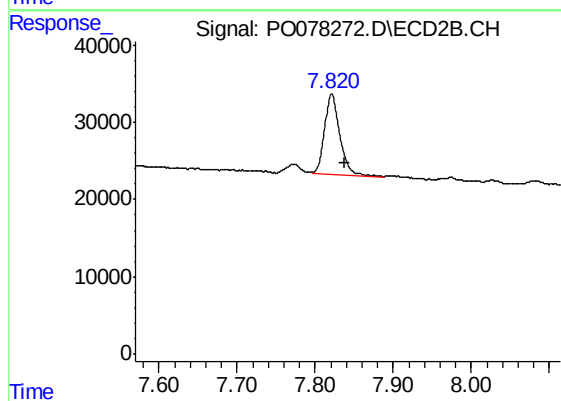
#41 AR-1268-1

R.T.: 7.772 min  
Delta R.T.: 0.000 min  
Response: 13060  
Conc: 2.85 ng/ml



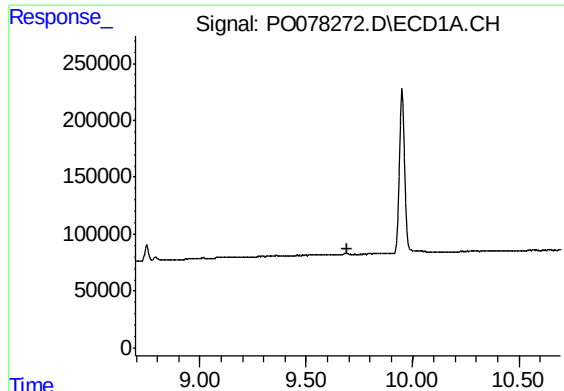
#42 AR-1268-2

R.T.: 8.792 min  
Delta R.T.: -0.025 min  
Response: 39891  
Conc: 6.16 ng/ml



#42 AR-1268-2

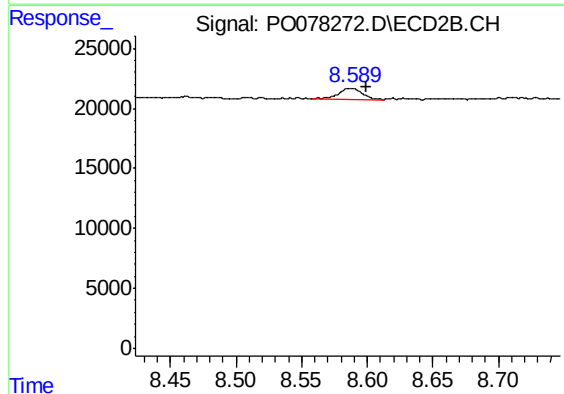
R.T.: 7.821 min  
Delta R.T.: -0.016 min  
Response: 140249  
Conc: 33.90 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.696 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254CCC500



#45 AR-1268-5

R.T.: 8.587 min  
Delta R.T.: -0.013 min  
Response: 11229  
Conc: 1.07 ng/ml