

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0081121\  
 Data File : P0080363.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Aug 2021 12:16  
 Operator : DD\AJ  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1242CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 12 03:49:52 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0081021.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 11 05:48:32 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... | 4.992  | 4.108  | 3725959 | 1266171 | 53.808   | 50.802    |
| 2)                          | SA Decachlor... | 11.094 | 9.508  | 2761700 | 1169839 | 53.353   | 51.577    |
| Target Compounds            |                 |        |        |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.323  | 5.383  | 997624  | 399397  | 389.408  | 388.188   |
| 4)                          | L1 AR-1016-2    | 6.347  | 5.403  | 1381342 | 538550  | 390.309  | 385.870   |
| 5)                          | L1 AR-1016-3    | 6.413  | 5.599  | 883854  | 287530  | 409.834  | 386.323   |
| 6)                          | L1 AR-1016-4    | 6.521  | 5.650  | 724007  | 226726  | 408.418  | 367.696   |
| 7)                          | L1 AR-1016-5    | 6.837  | 5.885  | 688528  | 181592  | 400.077  | 243.608 # |
| 8)                          | L2 AR-1221-1    | 5.241  | 4.368  | 108773  | 32247   | 136.766  | 105.274   |
| 9)                          | L2 AR-1221-2    | 5.345  | 4.471  | 158048  | 57082   | 288.722  | 245.386   |
| 10)                         | L2 AR-1221-3    | 5.433  | 4.561  | 563477  | 214534  | 341.715  | 308.074   |
| 11)                         | L3 AR-1232-1    | 5.433  | 4.561  | 563477  | 214534  | 358.786  | 337.173   |
| 12)                         | L3 AR-1232-2    | 6.026  | 5.403  | 735267  | 538550  | 874.050  | 856.296   |
| 13)                         | L3 AR-1232-3    | 6.347  | 5.599  | 1381342 | 287530  | 849.784  | 918.737   |
| 14)                         | L3 AR-1232-4    | 6.521  | 5.695  | 724007  | 285193  | 974.010  | 990.990   |
| 15)                         | L3 AR-1232-5    | 6.619  | 5.885  | 549486  | 181592  | 1053.249 | 598.074 # |
| 16)                         | L4 AR-1242-1    | 6.323  | 5.383  | 997624  | 399397  | 511.422  | 500.440   |
| 17)                         | L4 AR-1242-2    | 6.347  | 5.403  | 1381342 | 538550  | 512.317  | 495.789   |
| 18)                         | L4 AR-1242-3    | 6.413  | 5.599  | 883854  | 287530  | 529.812  | 501.875   |
| 19)                         | L4 AR-1242-4    | 6.521  | 5.695  | 724007  | 285193  | 538.360  | 513.452   |
| 20)                         | L4 AR-1242-5    | 7.307  | 6.268  | 1314568 | 343938  | 897.650  | 493.584 # |
| 21)                         | L5 AR-1248-1    | 6.323  | 5.383  | 997624  | 399397  | 659.221  | 635.195   |
| 22)                         | L5 AR-1248-2    | 6.619  | 5.650  | 549486  | 226726  | 270.893  | 261.502   |
| 23)                         | L5 AR-1248-3    | 6.837  | 5.695  | 688528  | 285193  | 290.933  | 319.284   |
| 24)                         | L5 AR-1248-4    | 7.268  | 5.885  | 957296  | 181592  | 352.018  | 177.722 # |
| 25)                         | L5 AR-1248-5    | 7.307  | 6.310  | 1314568 | 498495  | 498.492  | 480.843   |
| 26)                         | L6 AR-1254-1    | 7.241  | 6.268  | 1468955 | 343938  | 566.659  | 234.439 # |
| 27)                         | L6 AR-1254-2    | 7.473  | 6.428  | 888994  | 83169   | 226.549  | 64.382 #  |
| 28)                         | L6 AR-1254-3    | 7.867  | 6.856  | 780834  | 167907  | 191.312  | 83.274 #  |
| 29)                         | L6 AR-1254-4    | 8.148  | 7.097  | 680744  | 81649   | 228.015  | 62.739 #  |
| 30)                         | L6 AR-1254-5    | 8.579  | 7.532  | 182547  | 26299   | 59.000   | 14.990 #  |
| 31)                         | L7 AR-1260-1    | 8.016  | 7.006  | 226816  | 42477   | 79.375   | 31.693 #  |
| 32)                         | L7 AR-1260-2    | 8.283  | 7.172f | 553219  | 103273  | 166.471  | 62.138 #  |
| 33)                         | L7 AR-1260-3    | 8.650  | 0.000  | 133332  | 0       | 53.291   | N.D. #    |
| 34)                         | L7 AR-1260-4    | 8.876  | 0.000  | 32310   | 0       | 11.169   | N.D. #    |
| 36)                         | L8 AR-1262-1    | 8.650  | 7.532  | 133332  | 26299   | 34.869   | 26.200    |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.387  | 0       | 77321   | N.D.     | 58.773 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.387  | 0       | 77321   | N.D.     | 20.700 #  |
| 43)                         | L9 AR-1268-3    | 9.866  | 0.000  | 24578   | 0       | 4.017    | N.D. #    |
| 45)                         | L9 AR-1268-5    | 10.744 | 0.000  | 16714   | 0       | 0.832    | N.D. #    |
| -----                       |                 |        |        |         |         |          |           |

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

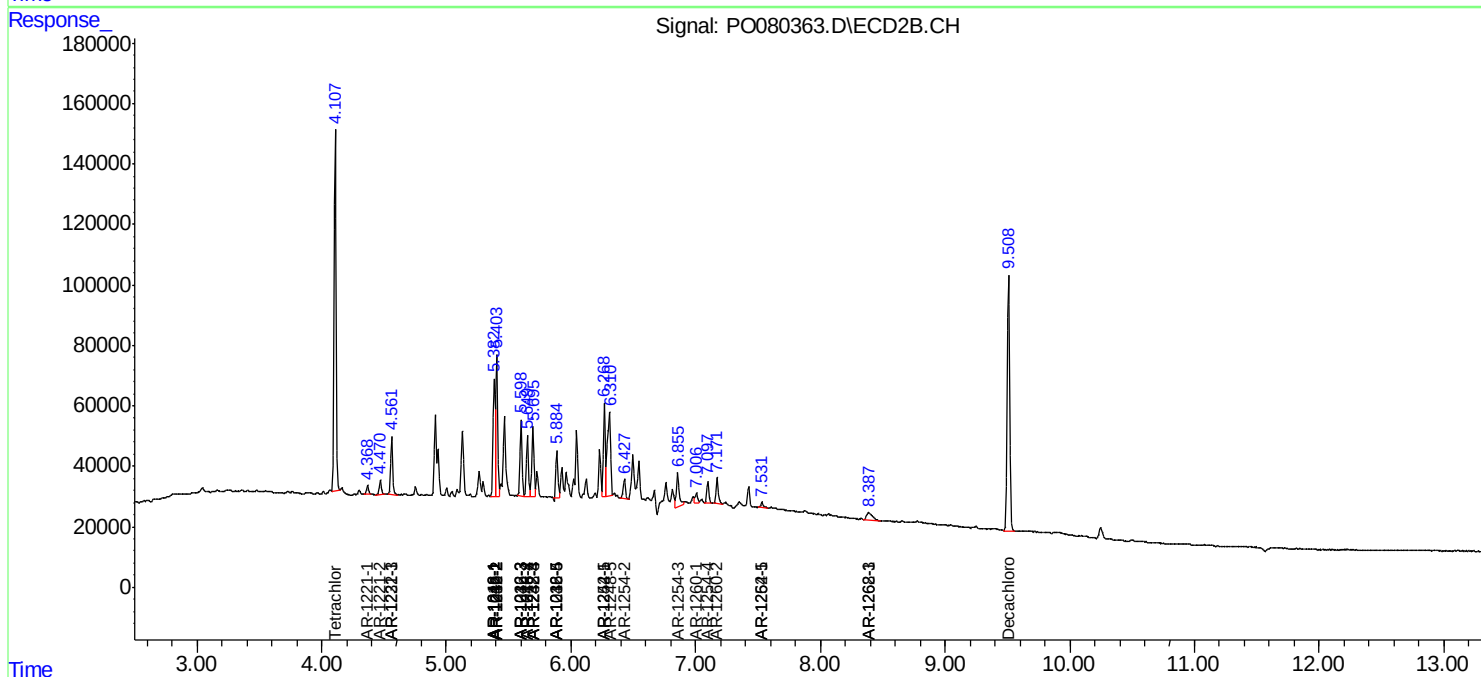
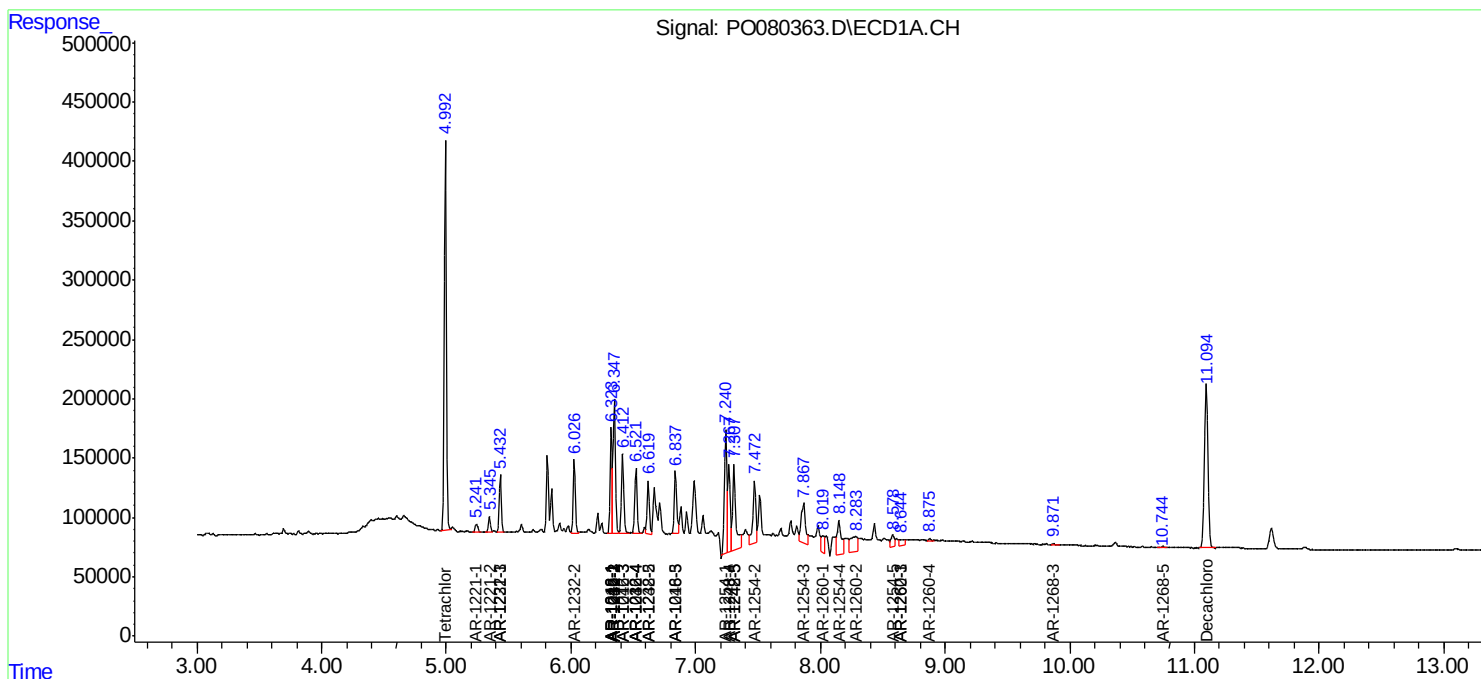
Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500

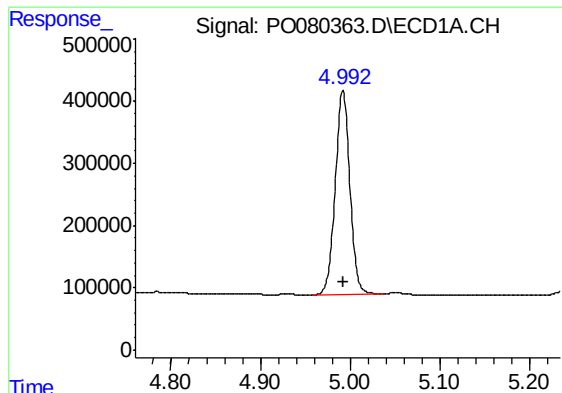
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO081121\  
Data File : PO080363.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Aug 2021 12:16  
Operator : DD\AJ  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
AR1242CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 12 03:49:52 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO081021.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 11 05:48:32 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

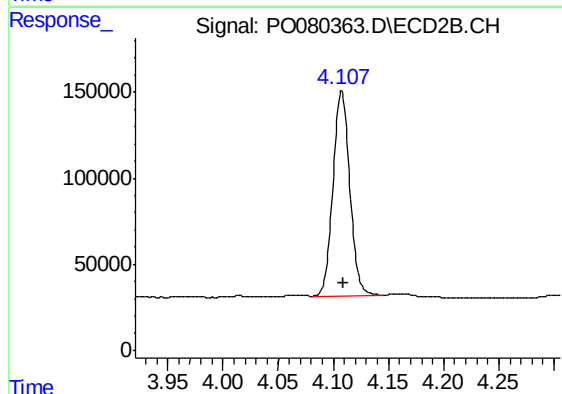




#1 Tetrachloro-m-xylene

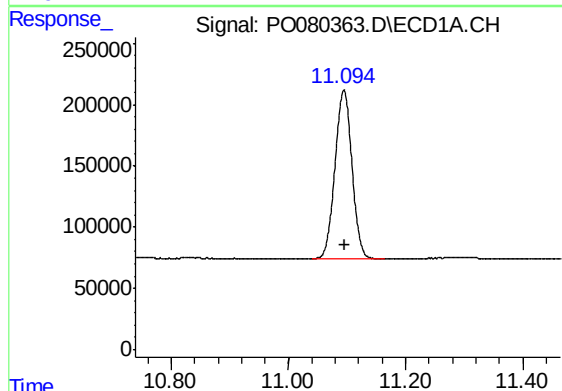
R.T.: 4.992 min  
Delta R.T.: 0.000 min  
Response: 3725959  
Conc: 53.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



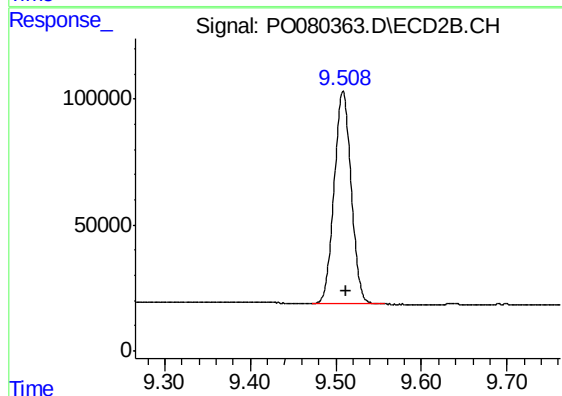
#1 Tetrachloro-m-xylene

R.T.: 4.108 min  
Delta R.T.: -0.001 min  
Response: 1266171  
Conc: 50.80 ng/ml



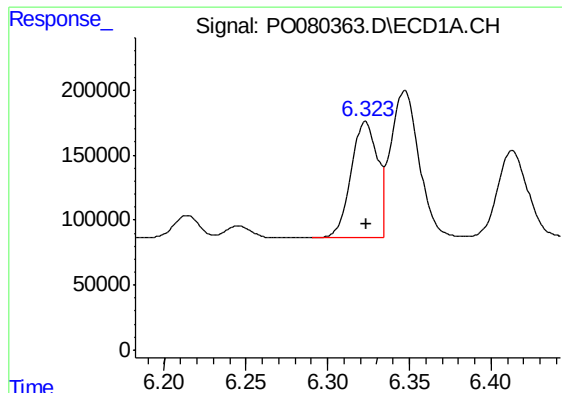
#2 Decachlorobiphenyl

R.T.: 11.094 min  
Delta R.T.: -0.002 min  
Response: 2761700  
Conc: 53.35 ng/ml



#2 Decachlorobiphenyl

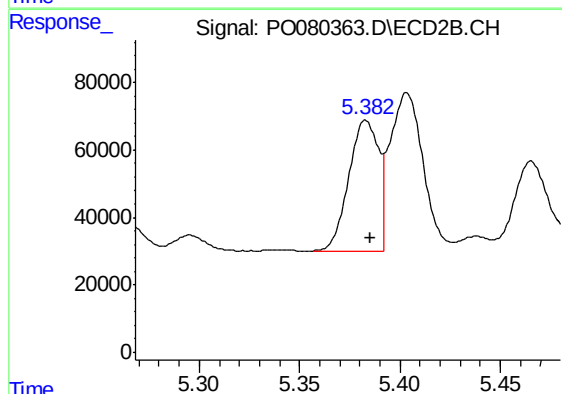
R.T.: 9.508 min  
Delta R.T.: -0.003 min  
Response: 1169839  
Conc: 51.58 ng/ml



#3 AR-1016-1

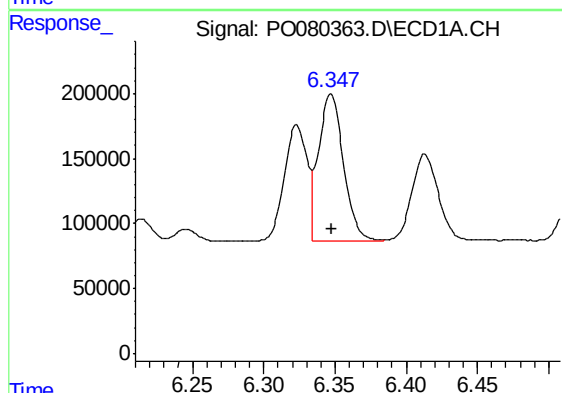
R.T.: 6.323 min  
Delta R.T.: -0.001 min  
Response: 997624  
Conc: 389.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



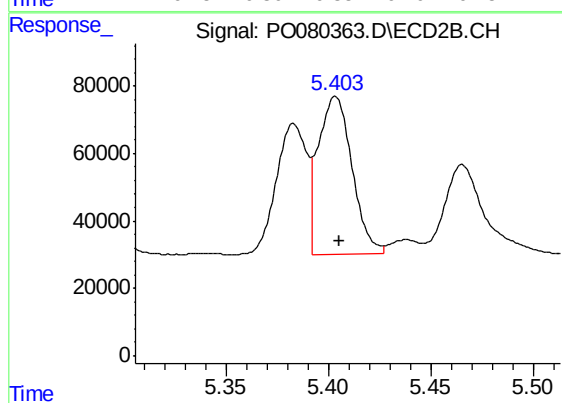
#3 AR-1016-1

R.T.: 5.383 min  
Delta R.T.: -0.002 min  
Response: 399397  
Conc: 388.19 ng/ml



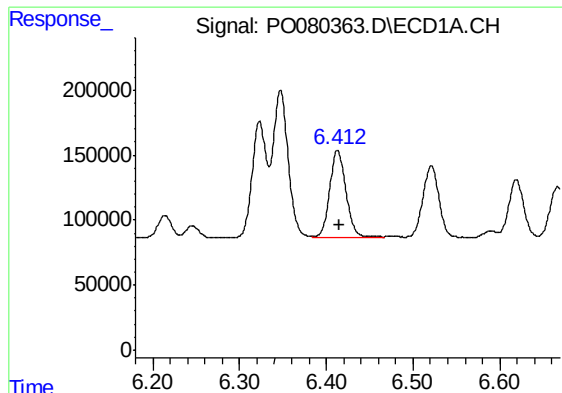
#4 AR-1016-2

R.T.: 6.347 min  
Delta R.T.: 0.000 min  
Response: 1381342  
Conc: 390.31 ng/ml



#4 AR-1016-2

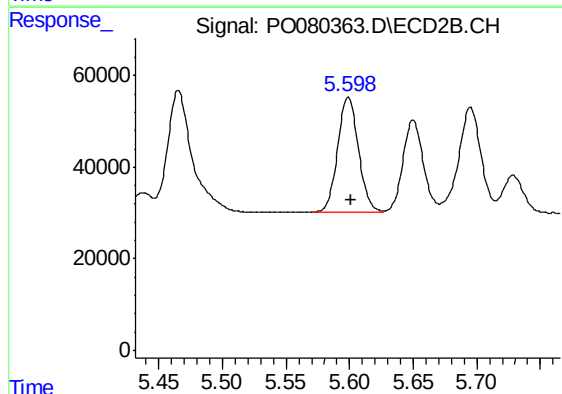
R.T.: 5.403 min  
Delta R.T.: -0.002 min  
Response: 538550  
Conc: 385.87 ng/ml



#5 AR-1016-3

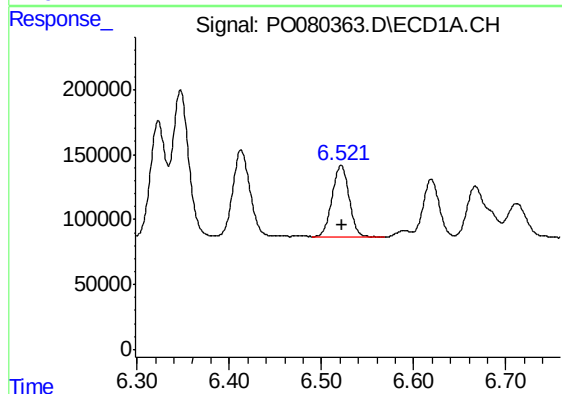
R.T.: 6.413 min  
Delta R.T.: -0.002 min  
Response: 883854  
Conc: 409.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



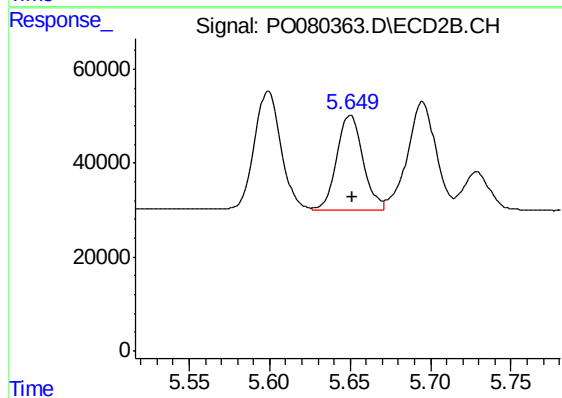
#5 AR-1016-3

R.T.: 5.599 min  
Delta R.T.: -0.002 min  
Response: 287530  
Conc: 386.32 ng/ml



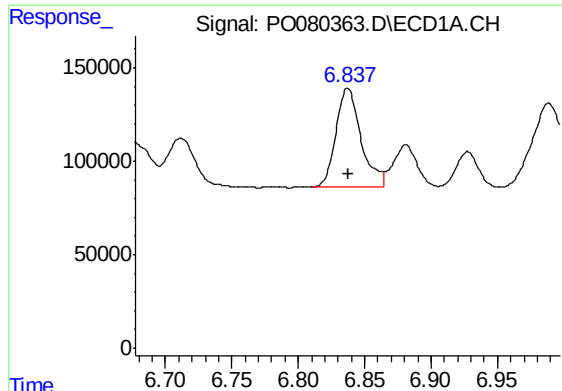
#6 AR-1016-4

R.T.: 6.521 min  
Delta R.T.: -0.001 min  
Response: 724007  
Conc: 408.42 ng/ml



#6 AR-1016-4

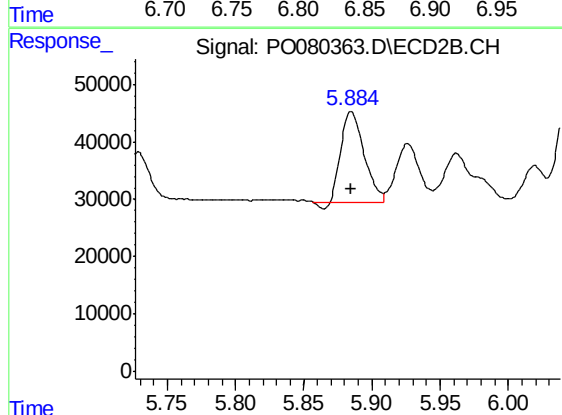
R.T.: 5.650 min  
Delta R.T.: -0.002 min  
Response: 226726  
Conc: 367.70 ng/ml



#7 AR-1016-5

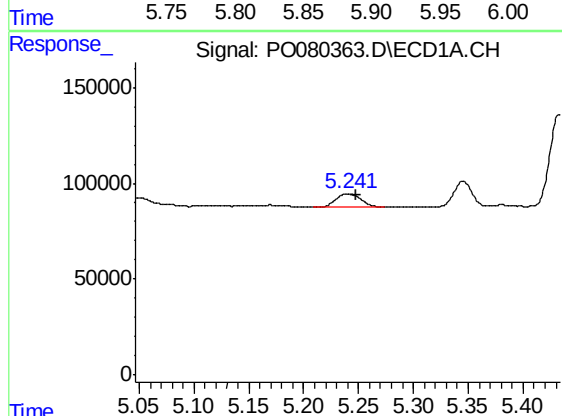
R.T.: 6.837 min  
Delta R.T.: 0.000 min  
Response: 688528  
Conc: 400.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



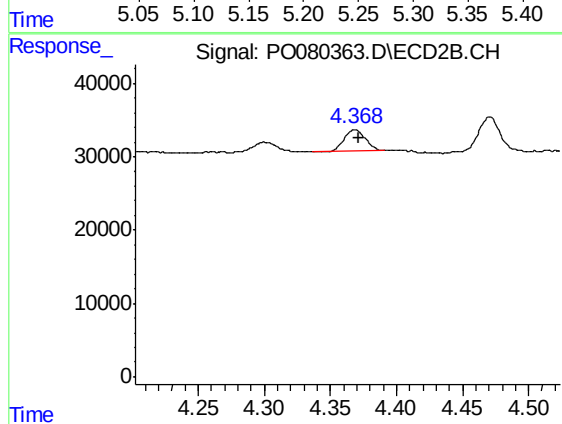
#7 AR-1016-5

R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 181592  
Conc: 243.61 ng/ml



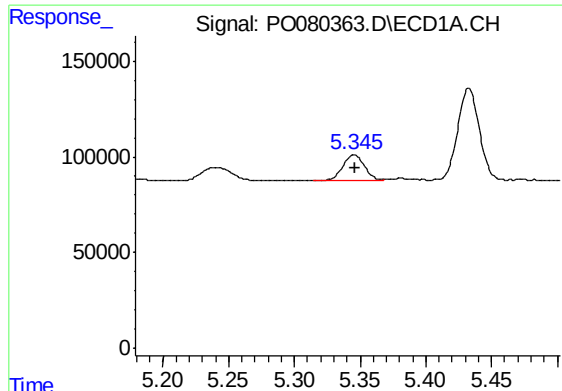
#8 AR-1221-1

R.T.: 5.241 min  
Delta R.T.: -0.006 min  
Response: 108773  
Conc: 136.77 ng/ml



#8 AR-1221-1

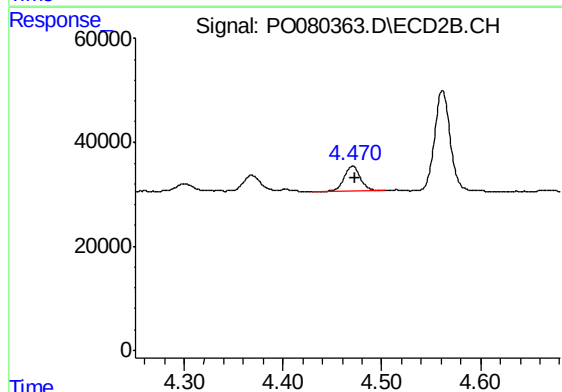
R.T.: 4.368 min  
Delta R.T.: -0.003 min  
Response: 32247  
Conc: 105.27 ng/ml



#9 AR-1221-2

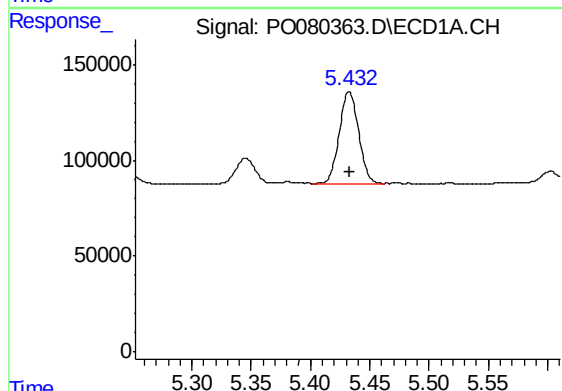
R.T.: 5.345 min  
Delta R.T.: 0.000 min  
Response: 158048  
Conc: 288.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



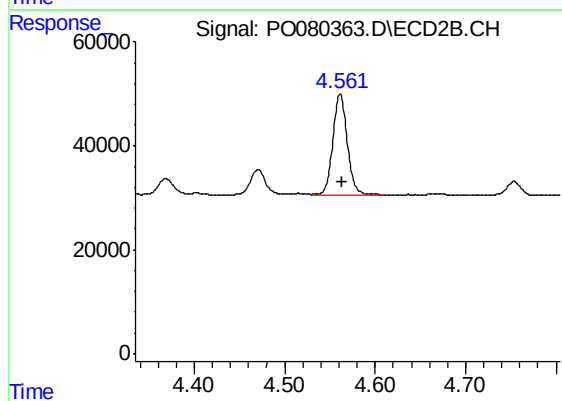
#9 AR-1221-2

R.T.: 4.471 min  
Delta R.T.: -0.002 min  
Response: 57082  
Conc: 245.39 ng/ml



#10 AR-1221-3

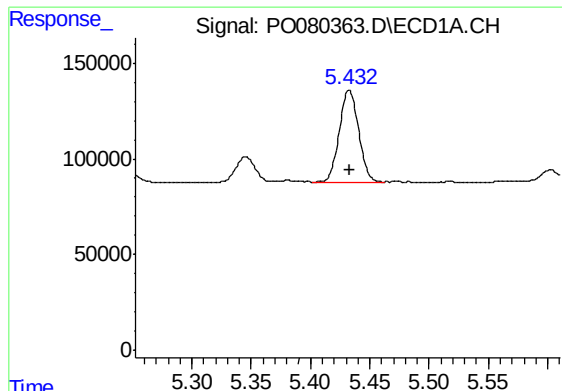
R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 563477  
Conc: 341.71 ng/ml



#10 AR-1221-3

R.T.: 4.561 min  
Delta R.T.: -0.002 min  
Response: 214534  
Conc: 308.07 ng/ml

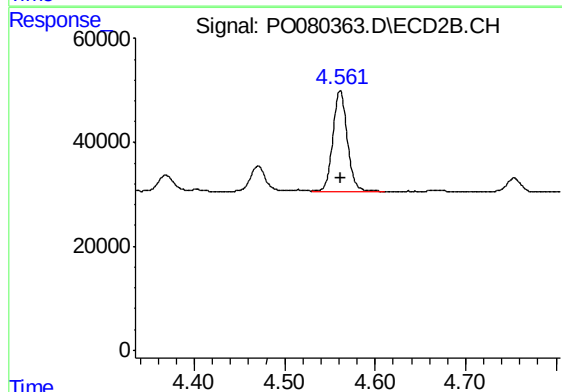




#11 AR-1232-1

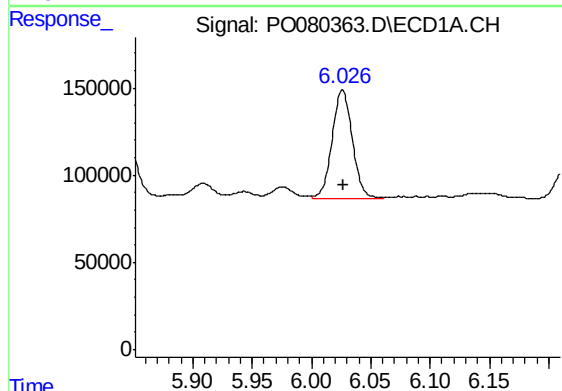
R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 563477  
Conc: 358.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



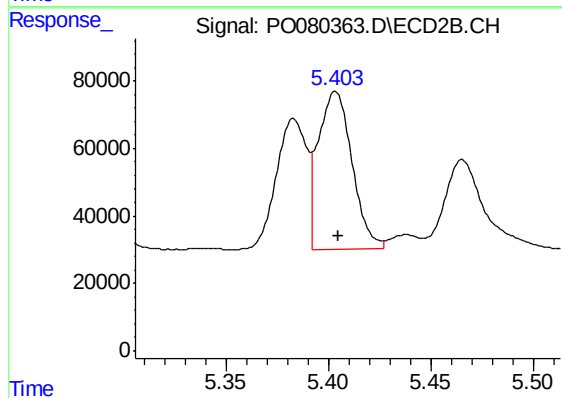
#11 AR-1232-1

R.T.: 4.561 min  
Delta R.T.: 0.000 min  
Response: 214534  
Conc: 337.17 ng/ml



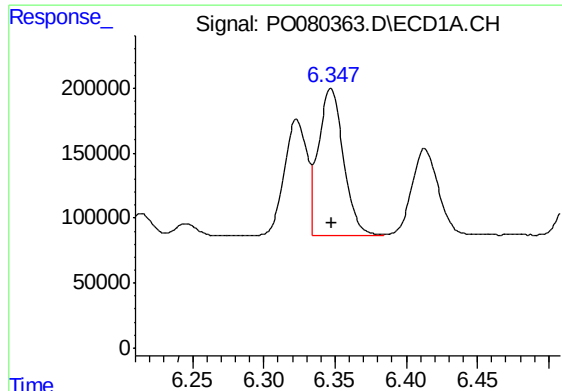
#12 AR-1232-2

R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 735267  
Conc: 874.05 ng/ml



#12 AR-1232-2

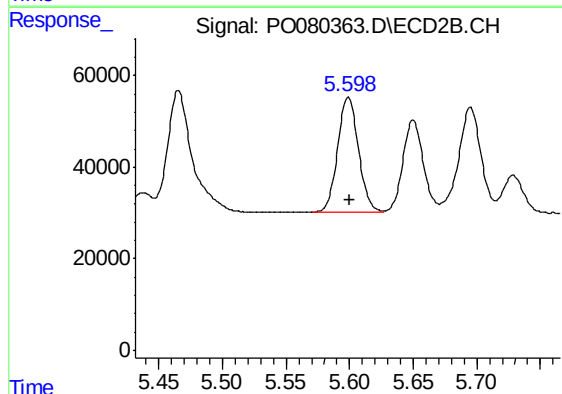
R.T.: 5.403 min  
Delta R.T.: -0.001 min  
Response: 538550  
Conc: 856.30 ng/ml



#13 AR-1232-3

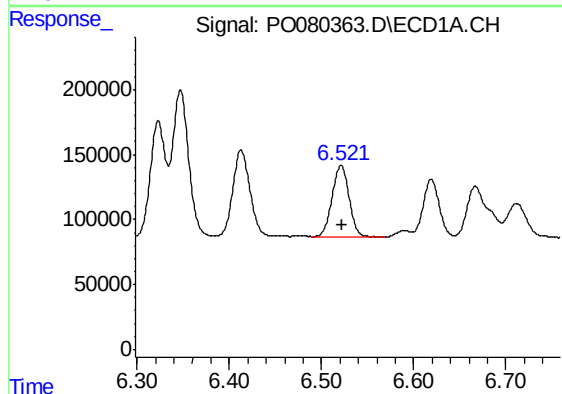
R.T.: 6.347 min  
Delta R.T.: 0.000 min  
Response: 1381342  
Conc: 849.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



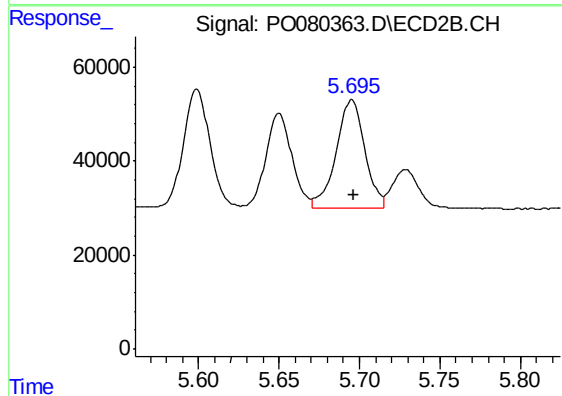
#13 AR-1232-3

R.T.: 5.599 min  
Delta R.T.: 0.000 min  
Response: 287530  
Conc: 918.74 ng/ml



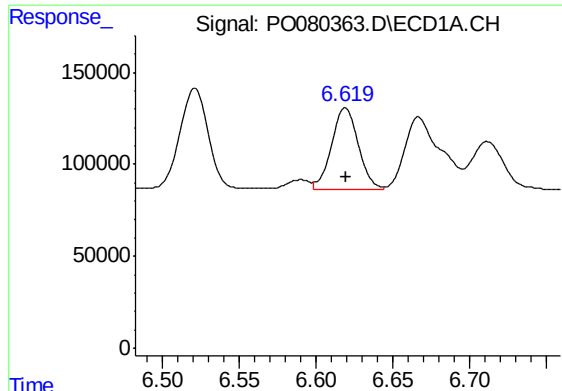
#14 AR-1232-4

R.T.: 6.521 min  
Delta R.T.: 0.000 min  
Response: 724007  
Conc: 974.01 ng/ml



#14 AR-1232-4

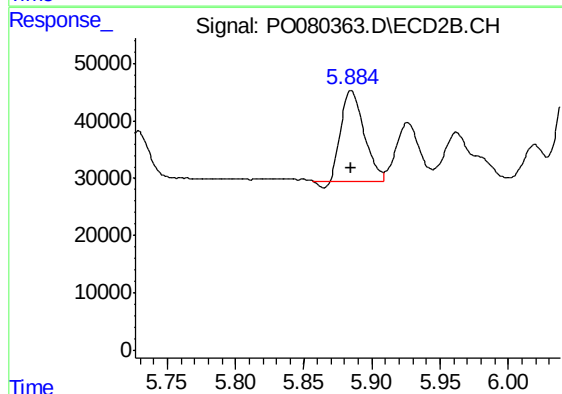
R.T.: 5.695 min  
Delta R.T.: -0.001 min  
Response: 285193  
Conc: 990.99 ng/ml



#15 AR-1232-5

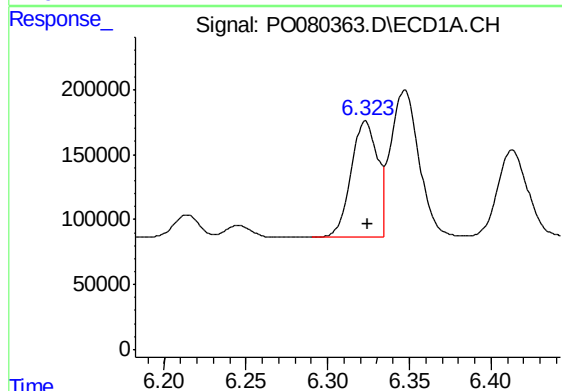
R.T.: 6.619 min  
Delta R.T.: 0.000 min  
Response: 549486  
Conc: 1053.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



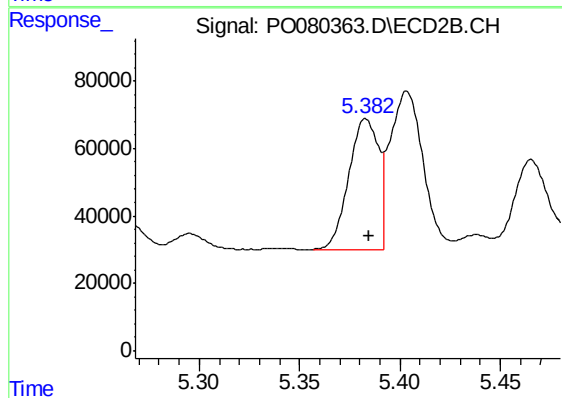
#15 AR-1232-5

R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 181592  
Conc: 598.07 ng/ml



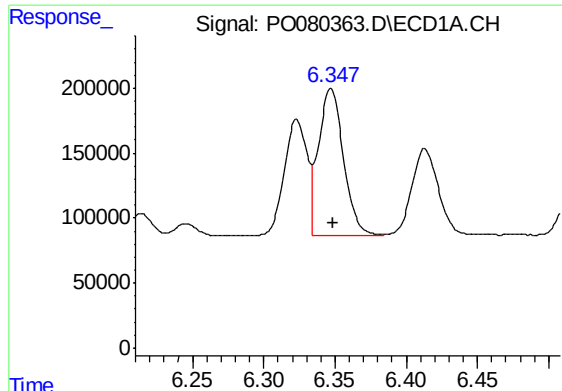
#16 AR-1242-1

R.T.: 6.323 min  
Delta R.T.: -0.001 min  
Response: 997624  
Conc: 511.42 ng/ml



#16 AR-1242-1

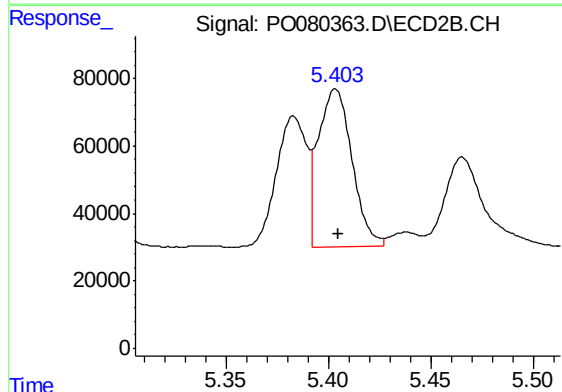
R.T.: 5.383 min  
Delta R.T.: -0.002 min  
Response: 399397  
Conc: 500.44 ng/ml



#17 AR-1242-2

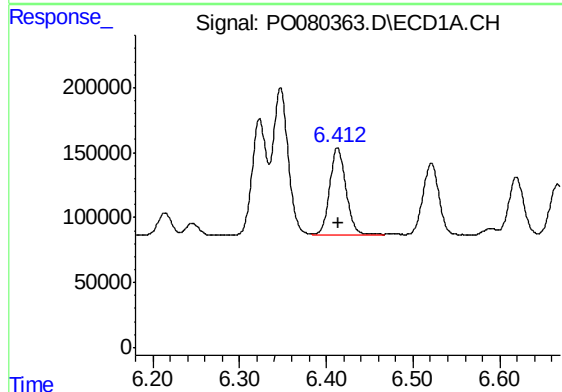
R.T.: 6.347 min  
Delta R.T.: -0.001 min  
Response: 1381342  
Conc: 512.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



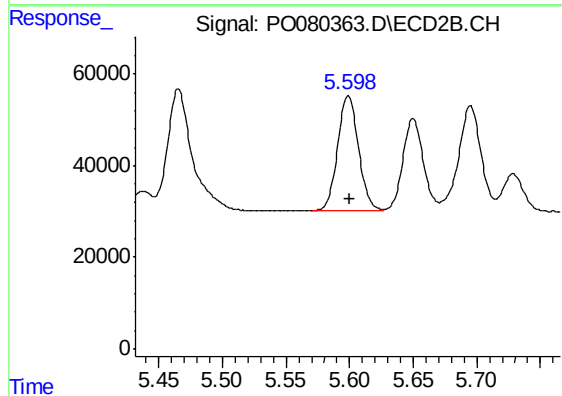
#17 AR-1242-2

R.T.: 5.403 min  
Delta R.T.: -0.002 min  
Response: 538550  
Conc: 495.79 ng/ml



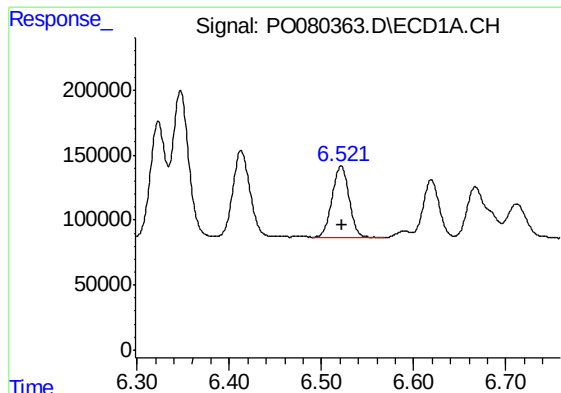
#18 AR-1242-3

R.T.: 6.413 min  
Delta R.T.: -0.001 min  
Response: 883854  
Conc: 529.81 ng/ml



#18 AR-1242-3

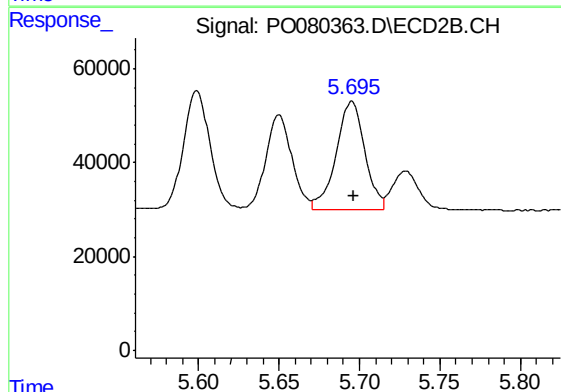
R.T.: 5.599 min  
Delta R.T.: -0.002 min  
Response: 287530  
Conc: 501.88 ng/ml



#19 AR-1242-4

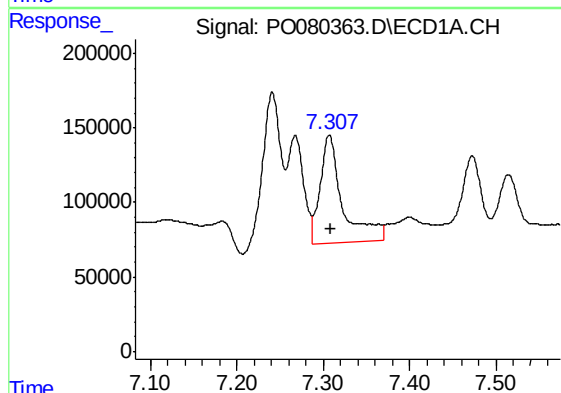
R.T.: 6.521 min  
Delta R.T.: 0.000 min  
Response: 724007  
Conc: 538.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



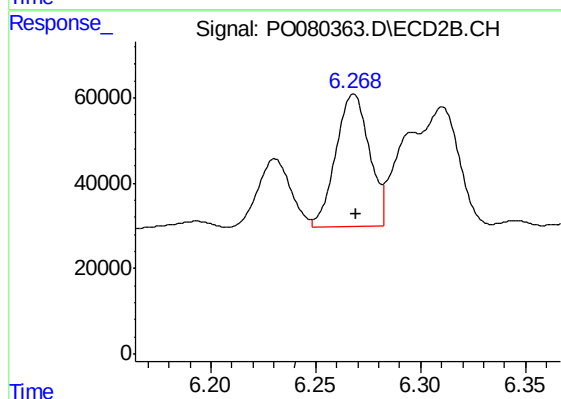
#19 AR-1242-4

R.T.: 5.695 min  
Delta R.T.: -0.002 min  
Response: 285193  
Conc: 513.45 ng/ml



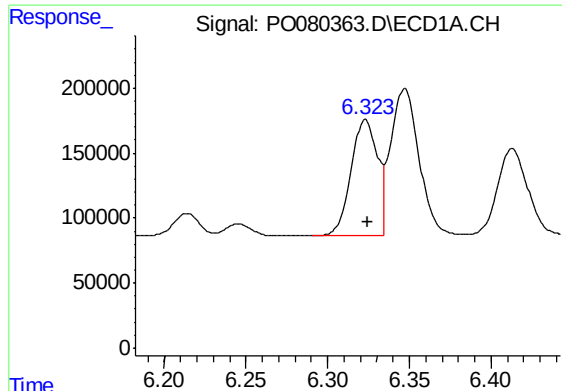
#20 AR-1242-5

R.T.: 7.307 min  
Delta R.T.: -0.001 min  
Response: 1314568  
Conc: 897.65 ng/ml



#20 AR-1242-5

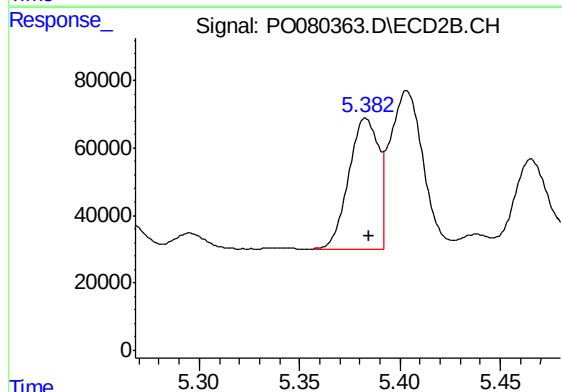
R.T.: 6.268 min  
Delta R.T.: -0.001 min  
Response: 343938  
Conc: 493.58 ng/ml



#21 AR-1248-1

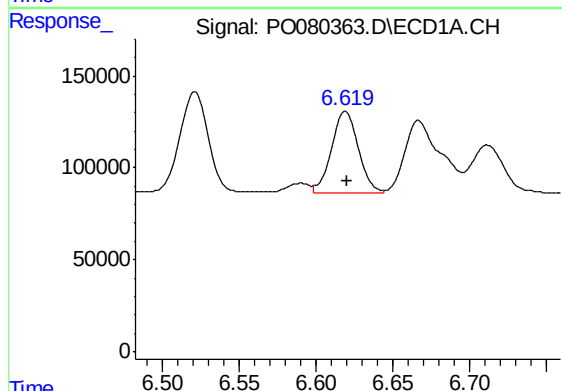
R.T.: 6.323 min  
Delta R.T.: -0.001 min  
Response: 997624  
Conc: 659.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



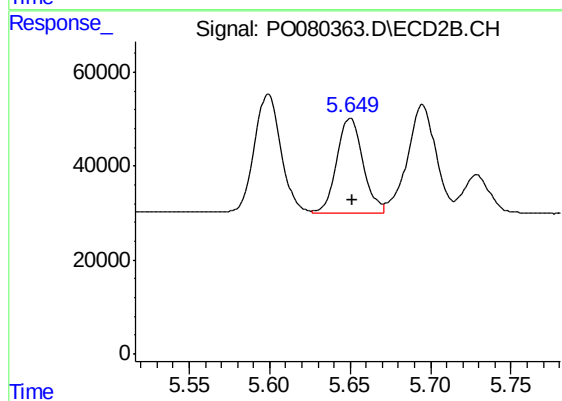
#21 AR-1248-1

R.T.: 5.383 min  
Delta R.T.: -0.002 min  
Response: 399397  
Conc: 635.20 ng/ml



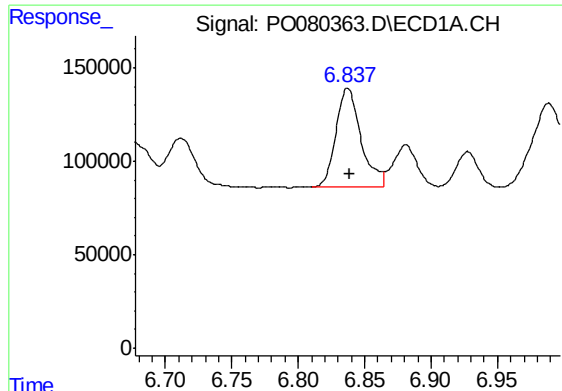
#22 AR-1248-2

R.T.: 6.619 min  
Delta R.T.: -0.001 min  
Response: 549486  
Conc: 270.89 ng/ml



#22 AR-1248-2

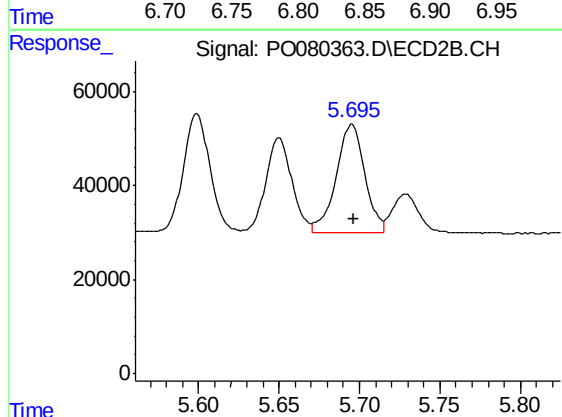
R.T.: 5.650 min  
Delta R.T.: -0.001 min  
Response: 226726  
Conc: 261.50 ng/ml



#23 AR-1248-3

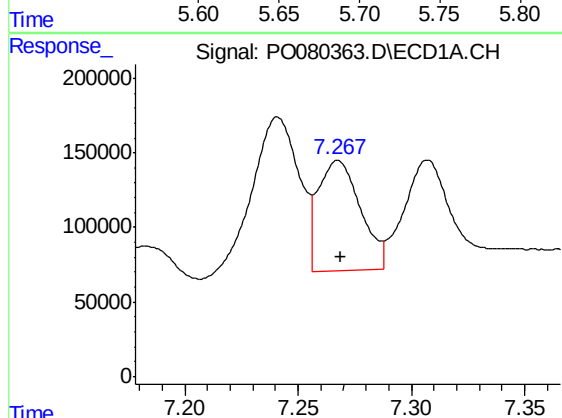
R.T.: 6.837 min  
Delta R.T.: -0.002 min  
Response: 688528  
Conc: 290.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



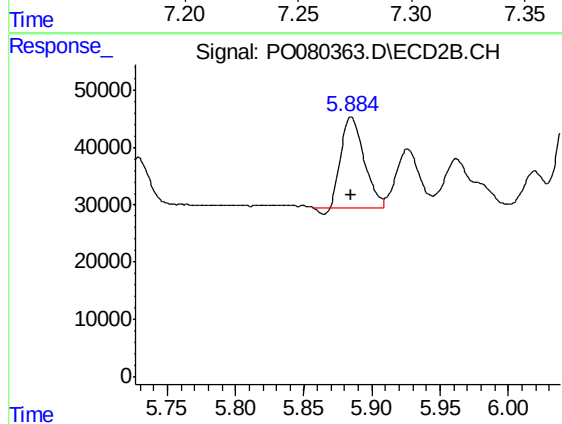
#23 AR-1248-3

R.T.: 5.695 min  
Delta R.T.: -0.001 min  
Response: 285193  
Conc: 319.28 ng/ml



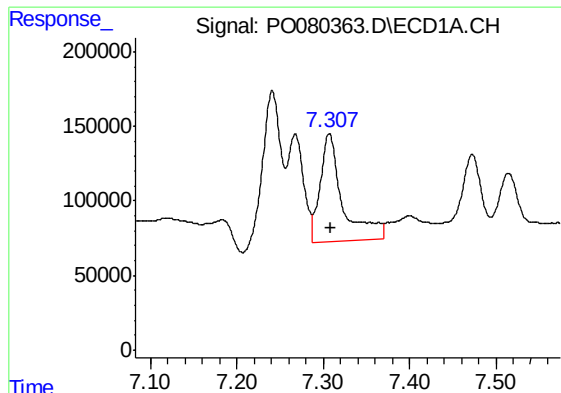
#24 AR-1248-4

R.T.: 7.268 min  
Delta R.T.: -0.001 min  
Response: 957296  
Conc: 352.02 ng/ml



#24 AR-1248-4

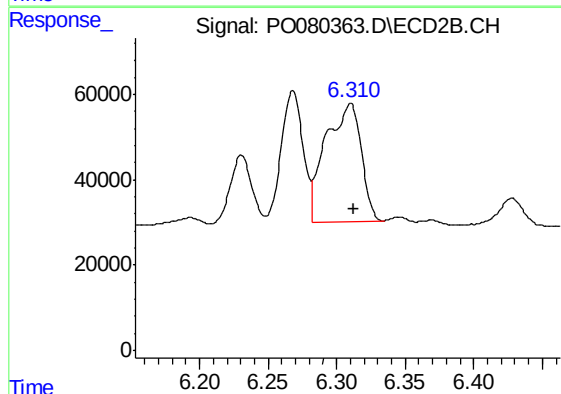
R.T.: 5.885 min  
Delta R.T.: 0.000 min  
Response: 181592  
Conc: 177.72 ng/ml



#25 AR-1248-5

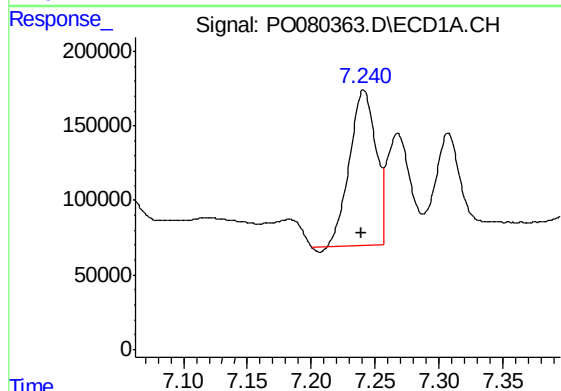
R.T.: 7.307 min  
Delta R.T.: -0.001 min  
Response: 1314568  
Conc: 498.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



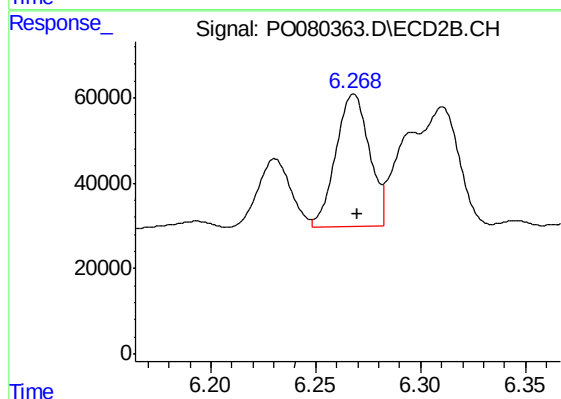
#25 AR-1248-5

R.T.: 6.310 min  
Delta R.T.: -0.002 min  
Response: 498495  
Conc: 480.84 ng/ml



#26 AR-1254-1

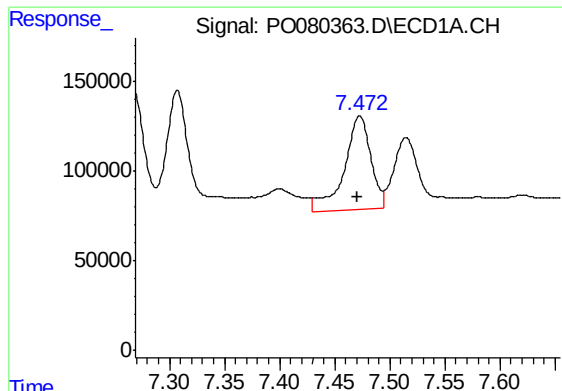
R.T.: 7.241 min  
Delta R.T.: 0.002 min  
Response: 1468955  
Conc: 566.66 ng/ml



#26 AR-1254-1

R.T.: 6.268 min  
Delta R.T.: -0.002 min  
Response: 343938  
Conc: 234.44 ng/ml

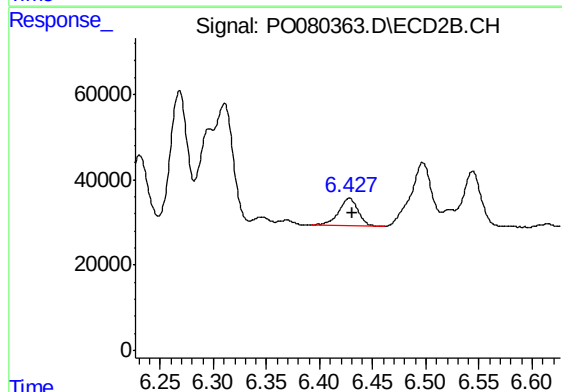




#27 AR-1254-2

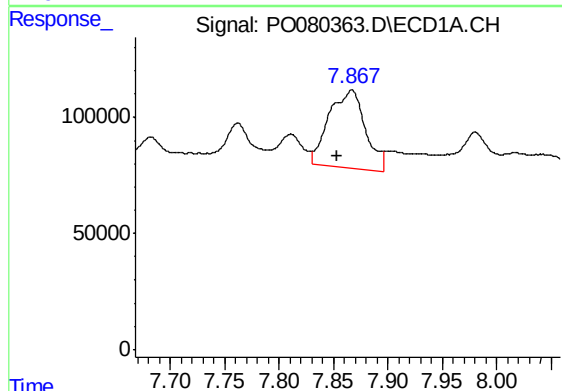
R.T.: 7.473 min  
Delta R.T.: 0.002 min  
Response: 888994  
Conc: 226.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



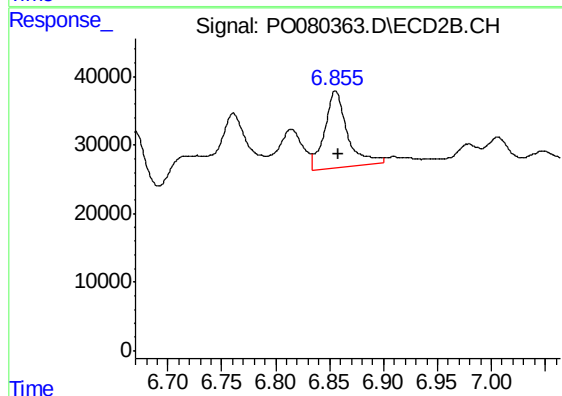
#27 AR-1254-2

R.T.: 6.428 min  
Delta R.T.: -0.002 min  
Response: 83169  
Conc: 64.38 ng/ml



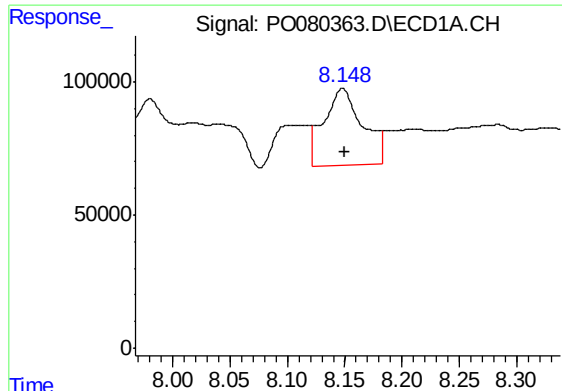
#28 AR-1254-3

R.T.: 7.867 min  
Delta R.T.: 0.014 min  
Response: 780834  
Conc: 191.31 ng/ml



#28 AR-1254-3

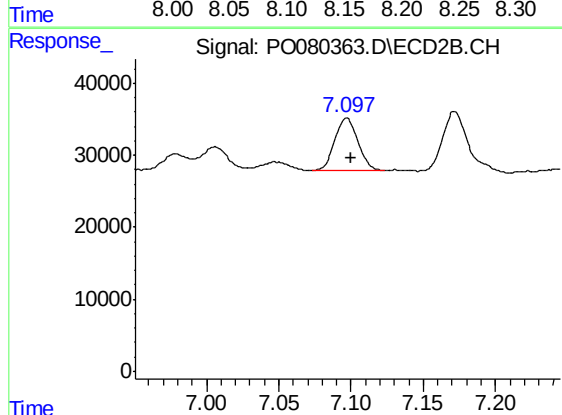
R.T.: 6.856 min  
Delta R.T.: -0.002 min  
Response: 167907  
Conc: 83.27 ng/ml



#29 AR-1254-4

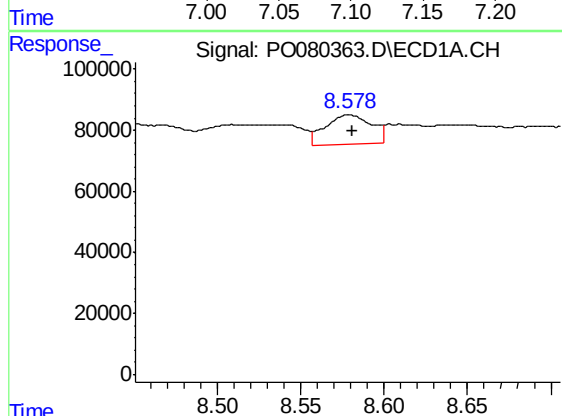
R.T.: 8.148 min  
Delta R.T.: -0.002 min  
Response: 680744  
Conc: 228.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



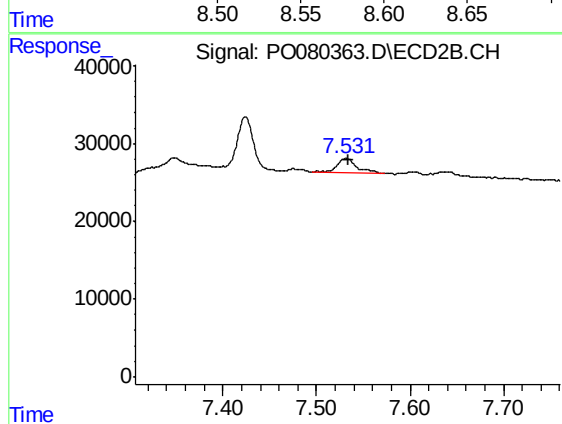
#29 AR-1254-4

R.T.: 7.097 min  
Delta R.T.: -0.003 min  
Response: 81649  
Conc: 62.74 ng/ml



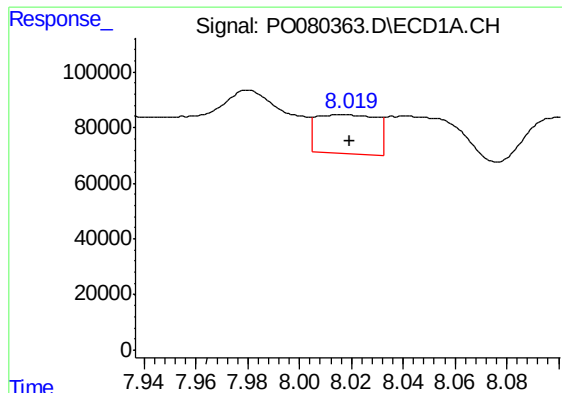
#30 AR-1254-5

R.T.: 8.579 min  
Delta R.T.: -0.002 min  
Response: 182547  
Conc: 59.00 ng/ml



#30 AR-1254-5

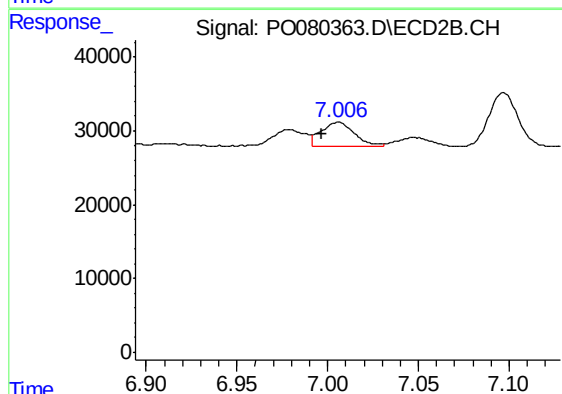
R.T.: 7.532 min  
Delta R.T.: -0.003 min  
Response: 26299  
Conc: 14.99 ng/ml



#31 AR-1260-1

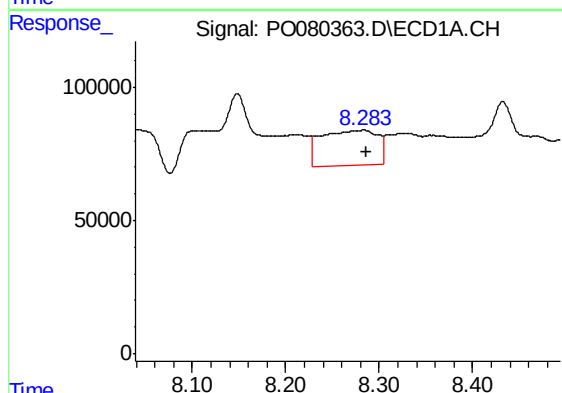
R.T.: 8.016 min  
Delta R.T.: -0.003 min  
Response: 226816  
Conc: 79.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



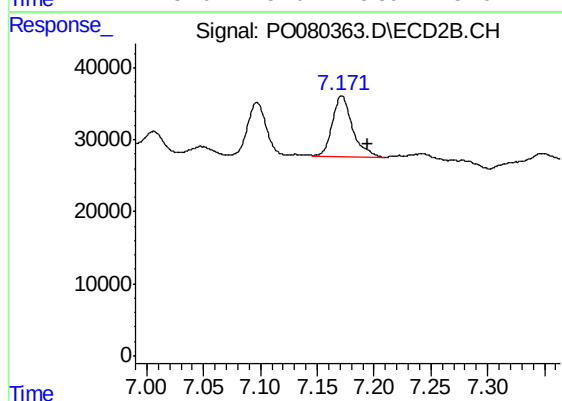
#31 AR-1260-1

R.T.: 7.006 min  
Delta R.T.: 0.009 min  
Response: 42477  
Conc: 31.69 ng/ml



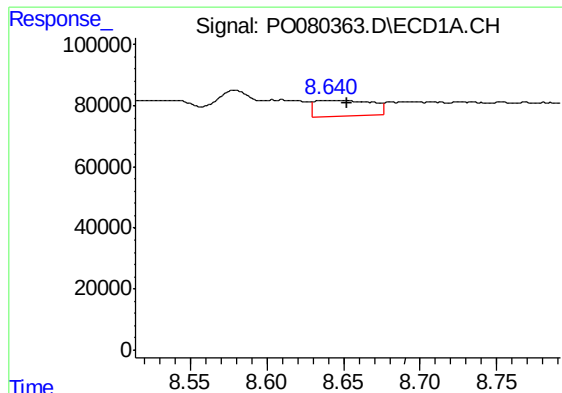
#32 AR-1260-2

R.T.: 8.283 min  
Delta R.T.: -0.003 min  
Response: 553219  
Conc: 166.47 ng/ml



#32 AR-1260-2

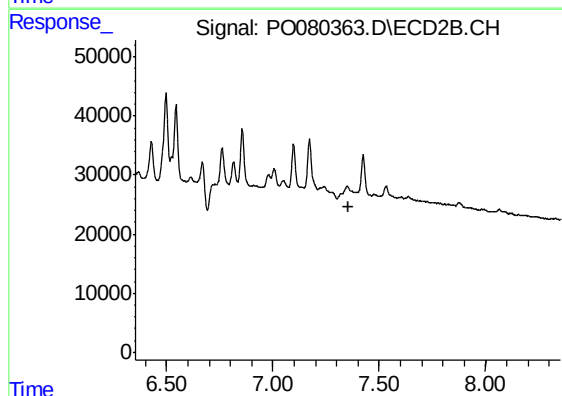
R.T.: 7.172 min  
Delta R.T.: -0.023 min  
Response: 103273  
Conc: 62.14 ng/ml



#33 AR-1260-3

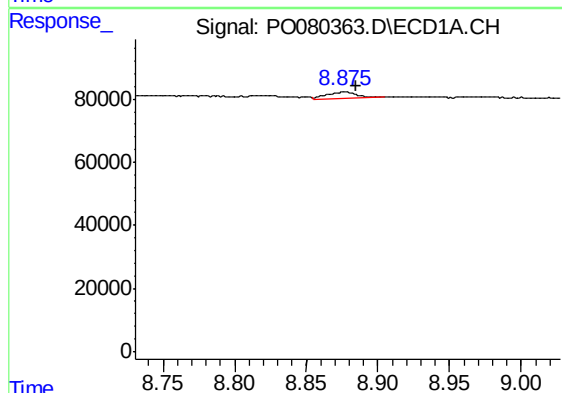
R.T.: 8.650 min  
Delta R.T.: -0.003 min  
Response: 133332  
Conc: 53.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



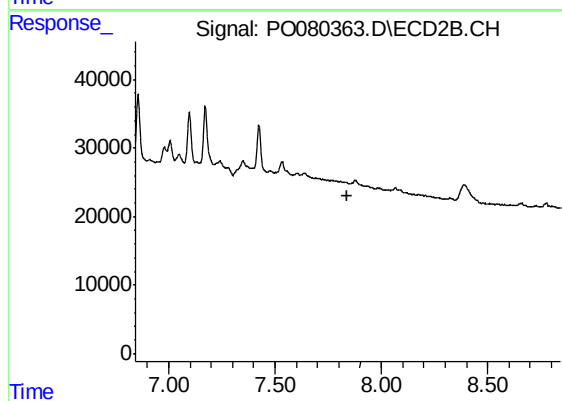
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.353 min  
Response: 0  
Conc: N.D.



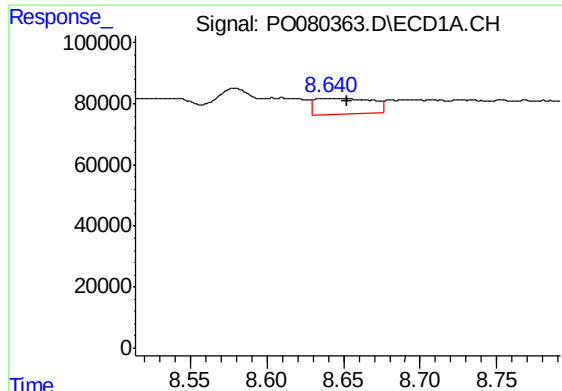
#34 AR-1260-4

R.T.: 8.876 min  
Delta R.T.: -0.009 min  
Response: 32310  
Conc: 11.17 ng/ml



#34 AR-1260-4

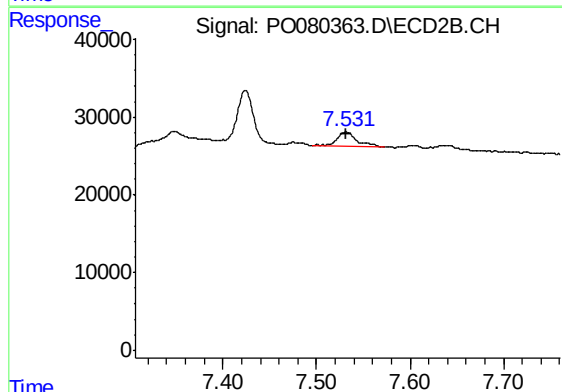
R.T.: 0.000 min  
Exp R.T. : 7.842 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

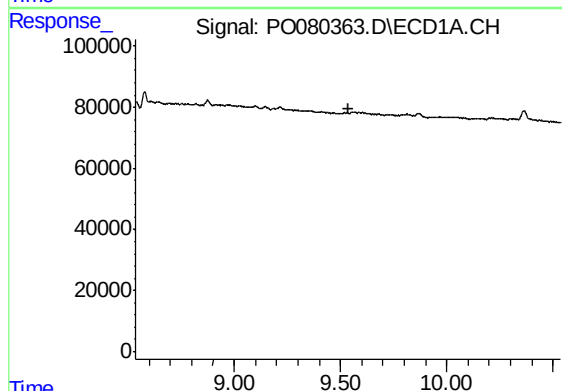
R.T.: 8.650 min  
Delta R.T.: -0.003 min  
Response: 133332  
Conc: 34.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



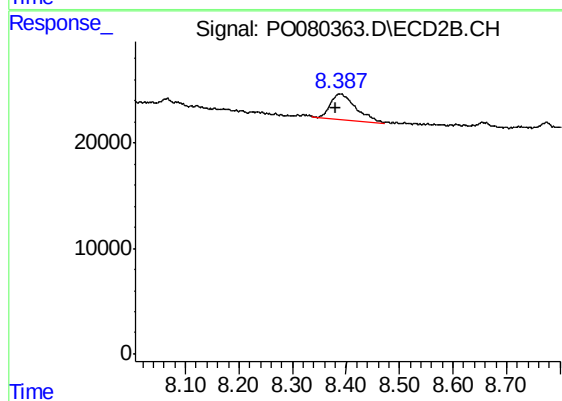
#36 AR-1262-1

R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 26299  
Conc: 26.20 ng/ml



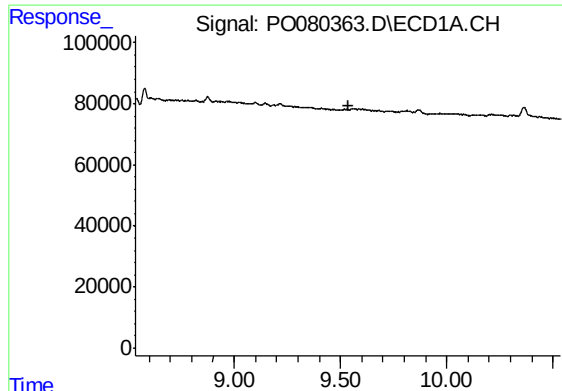
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 9.535 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

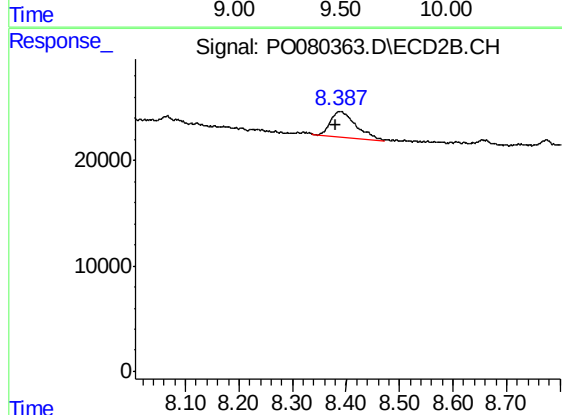
R.T.: 8.387 min  
Delta R.T.: 0.007 min  
Response: 77321  
Conc: 58.77 ng/ml



#41 AR-1268-1

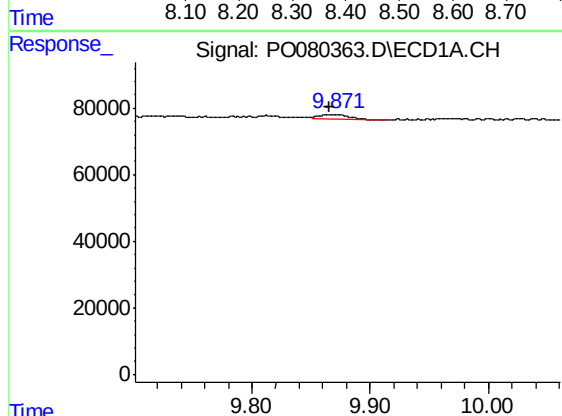
R.T.: 0.000 min  
Exp R.T. : 9.536 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



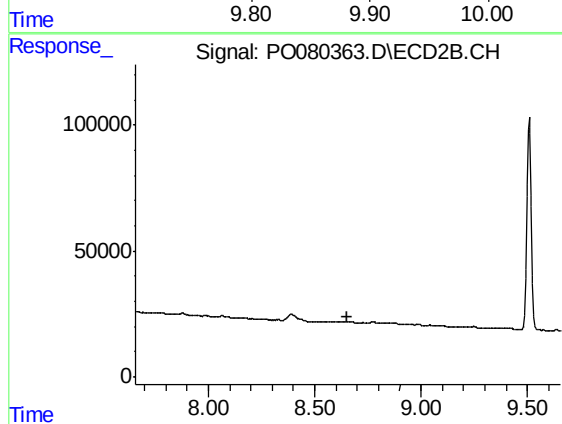
#41 AR-1268-1

R.T.: 8.387 min  
Delta R.T.: 0.006 min  
Response: 77321  
Conc: 20.70 ng/ml



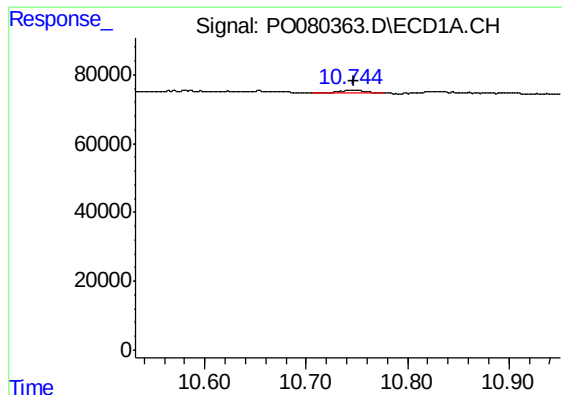
#43 AR-1268-3

R.T.: 9.866 min  
Delta R.T.: 0.000 min  
Response: 24578  
Conc: 4.02 ng/ml



#43 AR-1268-3

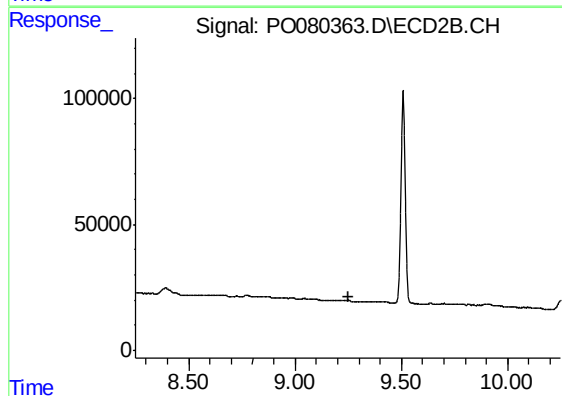
R.T.: 0.000 min  
Exp R.T. : 8.656 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.744 min  
Delta R.T.: -0.003 min  
Response: 16714  
Conc: 0.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242CCC500



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.249 min  
Response: 0  
Conc: N.D.