

Data Path : P:\HPCHEM1\ECD\_0\Data\P0042518\  
 Data File : P0044090.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 25 Apr 2018 18:02  
 Operator : SM/UA  
 Sample : AR1221ICC500  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1221ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 26 04:41:21 2018  
 Quant Method : P:\HPCHEM1\ECD\_0\methods\P0042518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 26 04:30:37 2018  
 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...          | 4.044 | 3.299 | 43129741 | 58528688 | 57.348   | 57.523   |
| 2) SA Decachlor...          | 9.397 | 8.066 | 36403761 | 50251899 | 56.475   | 57.644   |
|                             |       |       |          |          |          |          |
| Target Compounds            |       |       |          |          |          |          |
| 3) L1 AR-1016-1             | 4.912 | 4.117 | 1044827  | 1638174  | 72.289   | 78.137   |
| 4) L1 AR-1016-2             | 5.252 | 4.553 | 1214262  | 296778   | 65.557   | 18.452 # |
| 5) L1 AR-1016-3             | 5.347 | 4.591 | 762147   | 267237   | 51.265   | 13.835 # |
| 6) L1 AR-1016-4             | 5.773 | 4.755 | 419542   | 491124   | 28.644   | 24.009   |
| 7) L1 AR-1016-5             | 5.997 | 5.093 | 210040   | 526270   | 17.359   | 25.218 # |
| 8) L2 AR-1221-1             | 4.247 | 3.503 | 5187930  | 6689273  | 500.000  | 500.000  |
| 9) L2 AR-1221-2             | 4.331 | 3.584 | 3754270  | 4776222  | 500.000  | 500.000  |
| 10) L2 AR-1221-3            | 4.403 | 3.655 | 11897546 | 15312963 | 500.000  | 500.000  |
| 11) L3 AR-1232-1            | 4.403 | 3.655 | 11897546 | 15312963 | 1070.430 | 1076.362 |
| 12) L3 AR-1232-2            | 5.171 | 4.342 | 971288   | 3963749  | 128.283  | 140.914  |
| 13) L3 AR-1232-3            | 5.191 | 4.398 | 1821975  | 1825307  | 144.029  | 158.324  |
| 14) L3 AR-1232-4            | 5.252 | 4.510 | 1214262  | 1007821  | 153.947  | 118.276  |
| 15) L3 AR-1232-5            | 5.347 | 4.591 | 762147   | 267237   | 122.334  | 36.408 # |
| 16) L4 AR-1242-1            | 4.727 | 4.117 | 921281   | 1638174  | 99.506   | 118.943  |
| 17) L4 AR-1242-2            | 5.191 | 4.342 | 1821975  | 3963749  | 89.942   | 87.948   |
| 18) L4 AR-1242-3            | 5.347 | 4.510 | 762147   | 1007821  | 76.842   | 73.520   |
| 19) L4 AR-1242-4            | 5.633 | 4.591 | 339510   | 267237   | 37.674   | 20.883 # |
| 20) L4 AR-1242-5            | 5.773 | 4.755 | 419542   | 491124   | 40.957   | 36.336   |
| 21) L5 AR-1248-1            | 5.633 | 4.755 | 339510   | 491124   | 21.112   | 20.513   |
| 22) L5 AR-1248-2            | 5.773 | 4.897 | 419542   | 681489   | 29.307   | 31.824   |
| 23) L5 AR-1248-3            | 6.024 | 5.093 | 296066   | 526270   | 15.854   | 15.293   |
| 24) L5 AR-1248-4            | 6.061 | 5.130 | 298940   | 519894   | 15.839   | 18.408   |
| 25) L5 AR-1248-5            | 6.213 | 0.000 | 176790   | 0        | 14.370   | N.D. #   |
| 26) L6 AR-1254-1            | 6.213 | 5.093 | 176790   | 526270   | 5.087    | 11.328 # |
| 27) L6 AR-1254-2            | 0.000 | 5.299 | 0        | 314390   | N.D.     | 8.000 #  |
| 28) L6 AR-1254-3            | 6.575 | 0.000 | 180644   | 0        | 4.789    | N.D. #   |
| 32) L7 AR-1260-2            | 0.000 | 5.934 | 0        | 339534   | N.D.     | 6.313 #  |
| 34) L7 AR-1260-4            | 7.857 | 6.776 | 81698    | 223759   | 1.240    | 2.040 #  |
| 36) L8 AR-1262-1            | 0.000 | 5.934 | 0        | 339534   | N.D.     | 8.004 #  |
| 40) L8 AR-1262-5            | 7.857 | 6.776 | 81698    | 223759   | 1.029    | 1.732 #  |
| 43) L9 AR-1268-3            | 8.404 | 7.300 | 514947   | 652285   | 8.181    | 6.331    |
| 45) L9 AR-1268-5            | 9.119 | 7.860 | 326428   | 454006   | 1.639    | 1.511    |
| -----                       |       |       |          |          |          |          |

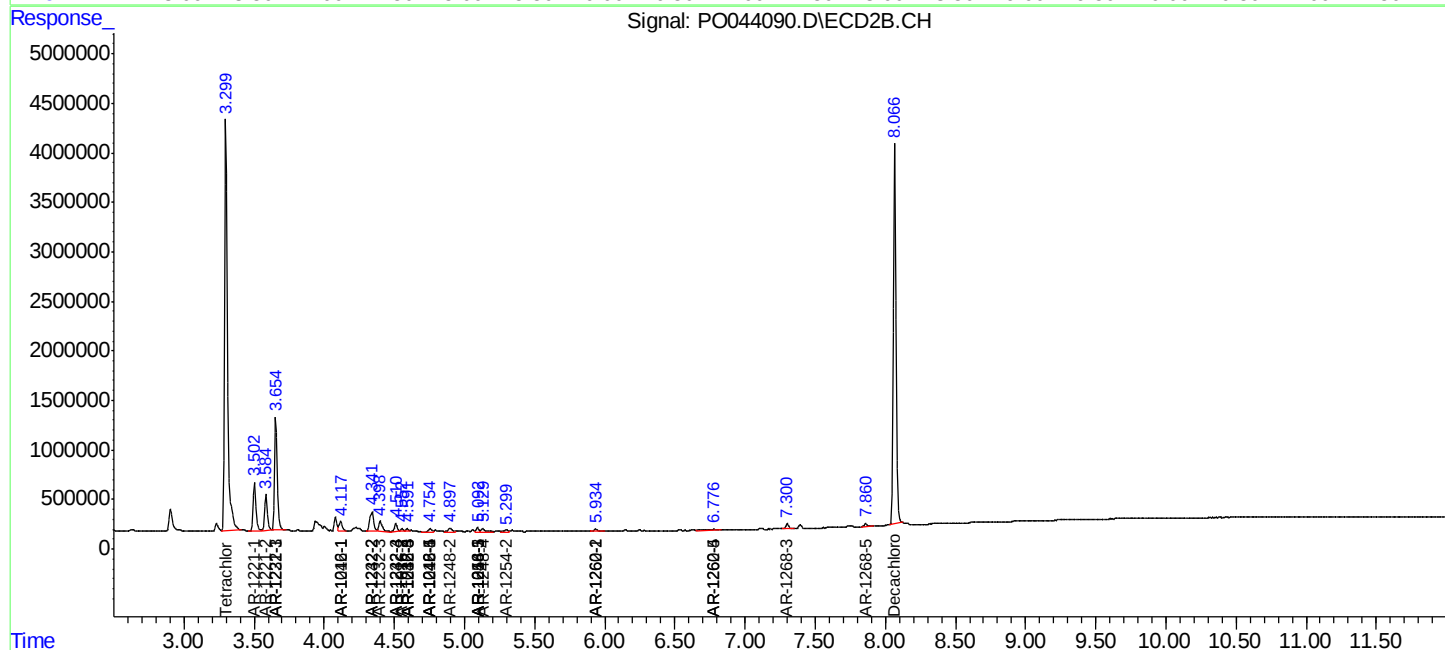
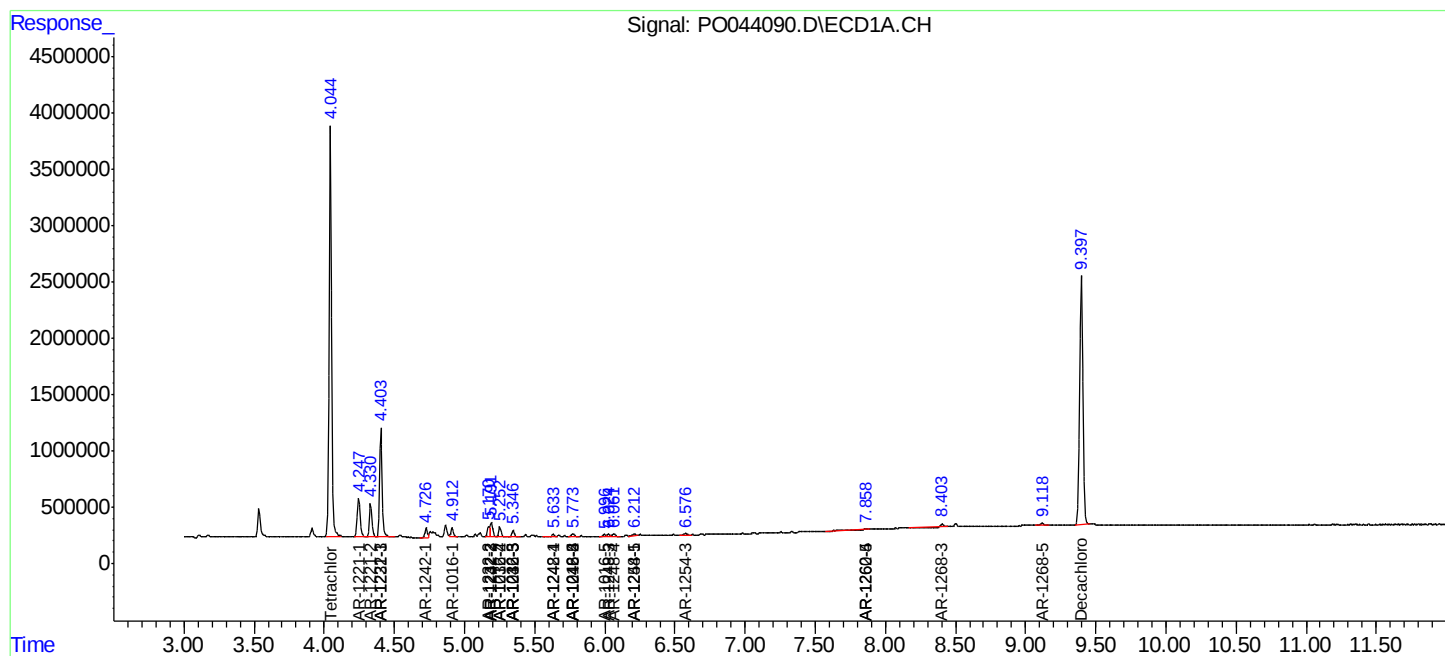
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

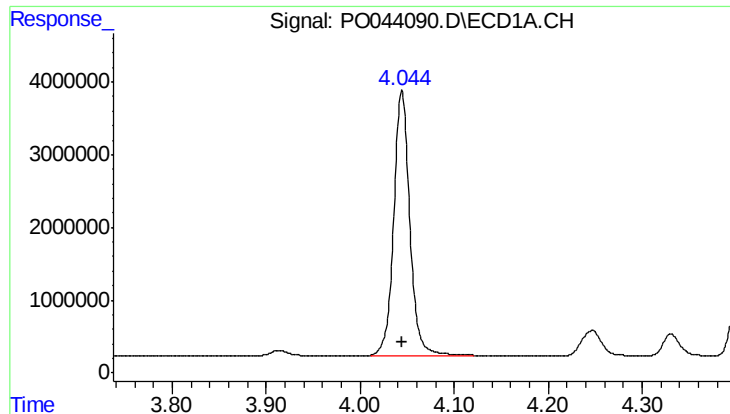
Data Path : P:\HPCHEM1\ECD\_0\Data\PO042518\  
Data File : PO044090.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 25 Apr 2018 18:02  
Operator : SM/UA  
Sample : AR1221ICC500  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 26 04:41:21 2018  
Quant Method : P:\HPCHEM1\ECD\_0\methods\PO042518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 26 04:30:37 2018  
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

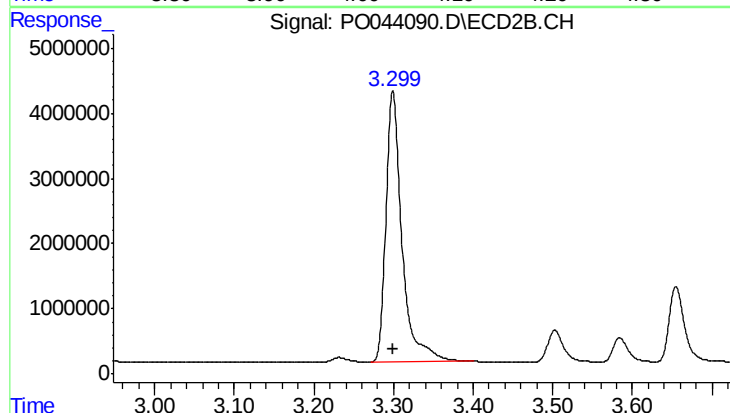




#1 Tetrachloro-m-xylene

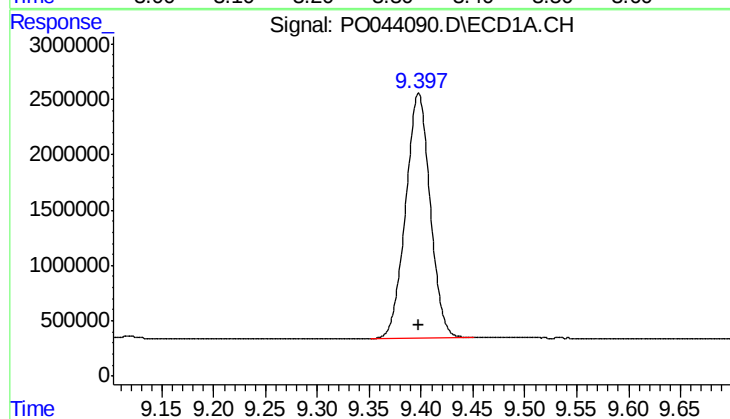
R.T.: 4.044 min  
Delta R.T.: 0.000 min  
Response: 43129741  
Conc: 57.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



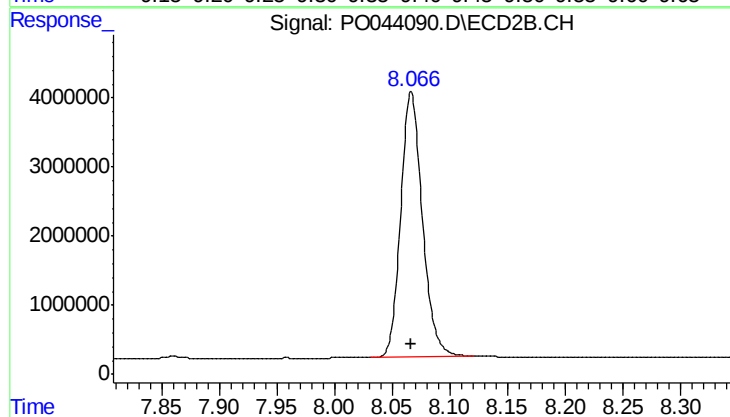
#1 Tetrachloro-m-xylene

R.T.: 3.299 min  
Delta R.T.: 0.000 min  
Response: 58528688  
Conc: 57.52 ng/ml



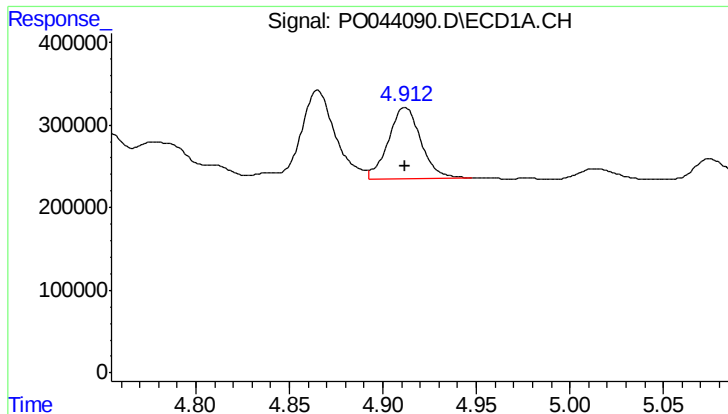
#2 Decachlorobiphenyl

R.T.: 9.397 min  
Delta R.T.: 0.000 min  
Response: 36403761  
Conc: 56.48 ng/ml



#2 Decachlorobiphenyl

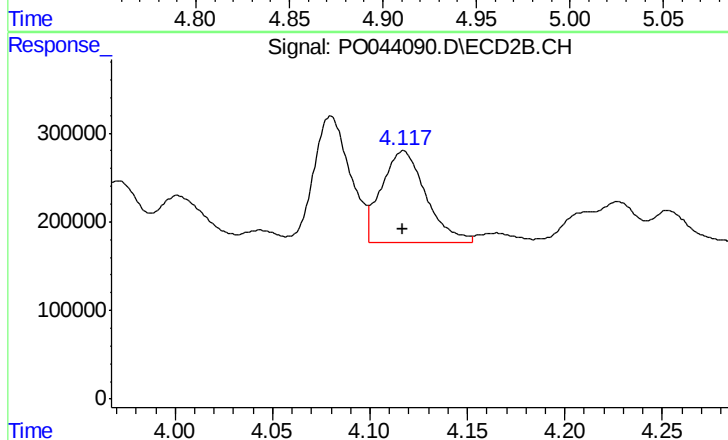
R.T.: 8.066 min  
Delta R.T.: 0.000 min  
Response: 50251899  
Conc: 57.64 ng/ml



#3 AR-1016-1

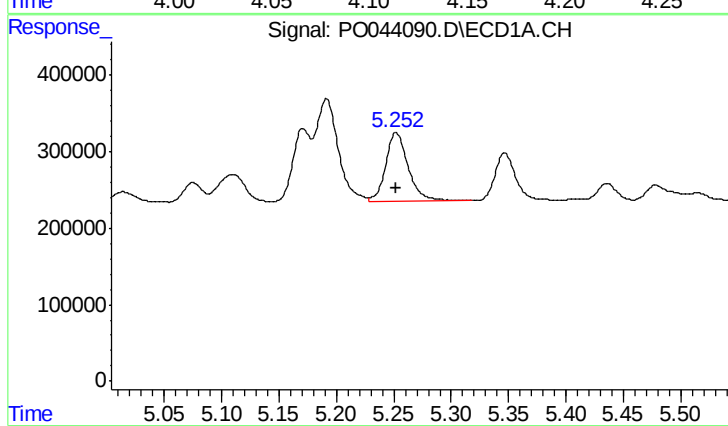
R.T.: 4.912 min  
Delta R.T.: 0.000 min  
Response: 1044827  
Conc: 72.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



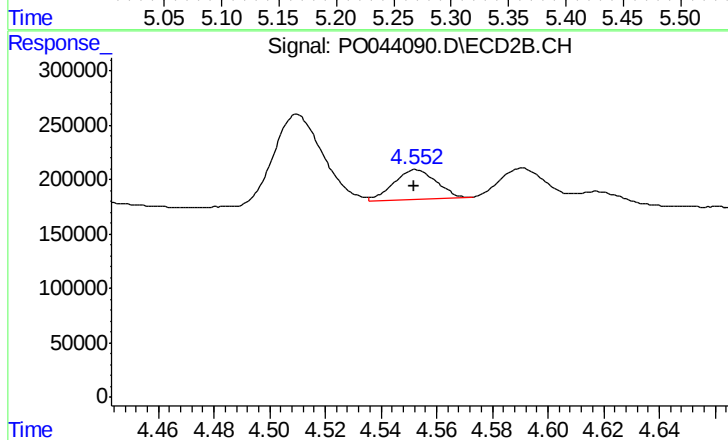
#3 AR-1016-1

R.T.: 4.117 min  
Delta R.T.: 0.000 min  
Response: 1638174  
Conc: 78.14 ng/ml



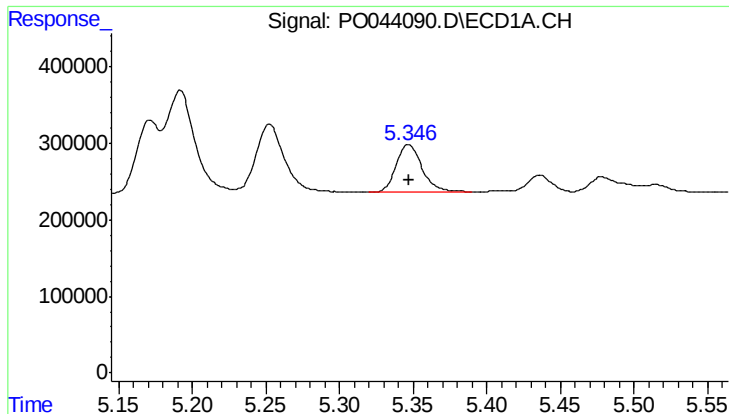
#4 AR-1016-2

R.T.: 5.252 min  
Delta R.T.: 0.000 min  
Response: 1214262  
Conc: 65.56 ng/ml



#4 AR-1016-2

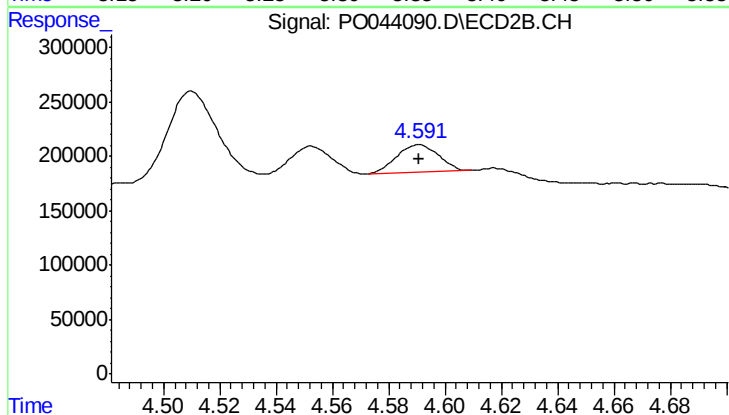
R.T.: 4.553 min  
Delta R.T.: 0.000 min  
Response: 296778  
Conc: 18.45 ng/ml



#5 AR-1016-3

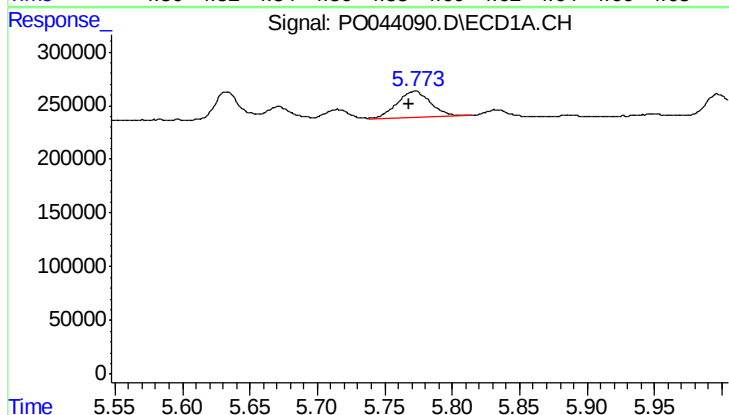
R.T.: 5.347 min  
Delta R.T.: 0.000 min  
Response: 762147  
Conc: 51.26 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



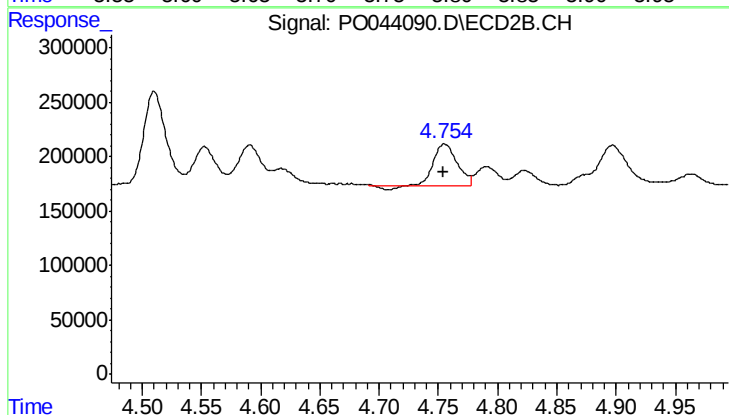
#5 AR-1016-3

R.T.: 4.591 min  
Delta R.T.: 0.000 min  
Response: 267237  
Conc: 13.83 ng/ml



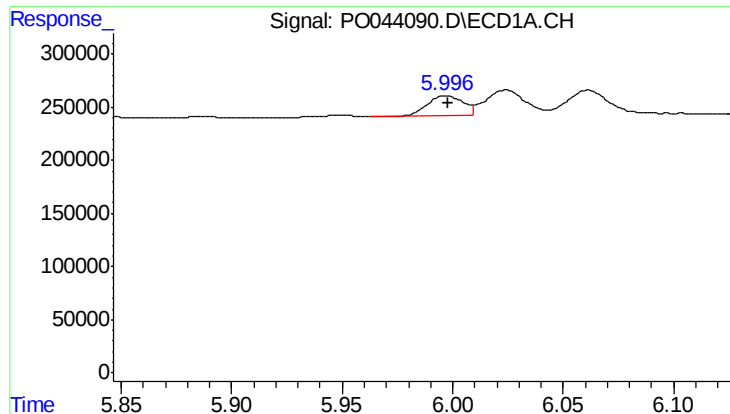
#6 AR-1016-4

R.T.: 5.773 min  
Delta R.T.: 0.005 min  
Response: 419542  
Conc: 28.64 ng/ml



#6 AR-1016-4

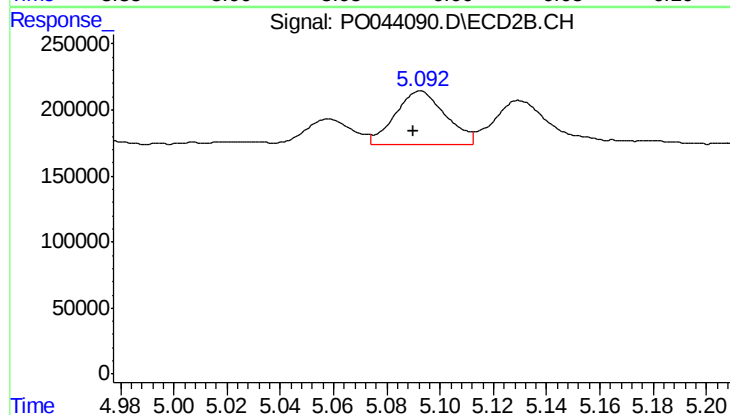
R.T.: 4.755 min  
Delta R.T.: 0.000 min  
Response: 491124  
Conc: 24.01 ng/ml



#7 AR-1016-5

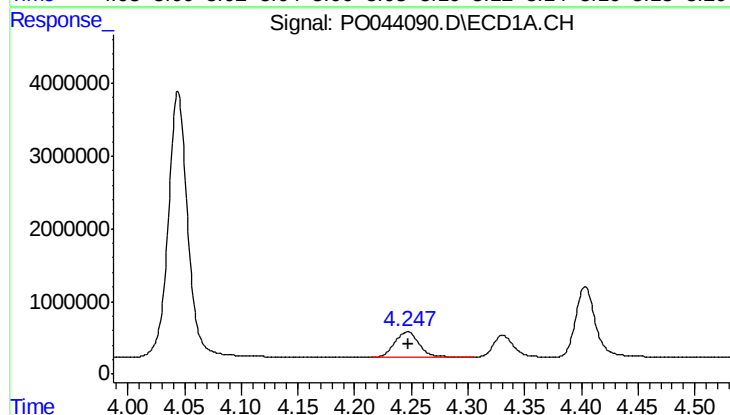
R.T.: 5.997 min  
Delta R.T.: -0.001 min  
Response: 210040  
Conc: 17.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



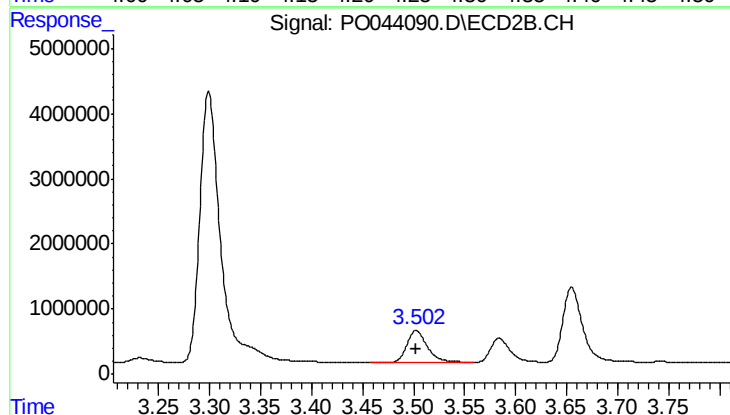
#7 AR-1016-5

R.T.: 5.093 min  
Delta R.T.: 0.003 min  
Response: 526270  
Conc: 25.22 ng/ml



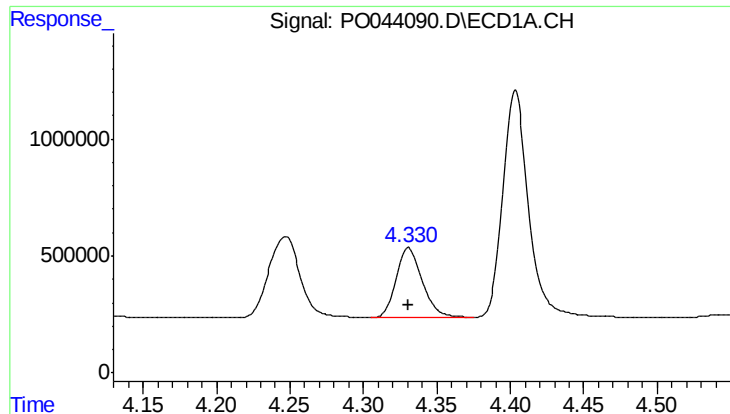
#8 AR-1221-1

R.T.: 4.247 min  
Delta R.T.: 0.000 min  
Response: 5187930  
Conc: 500.00 ng/ml



#8 AR-1221-1

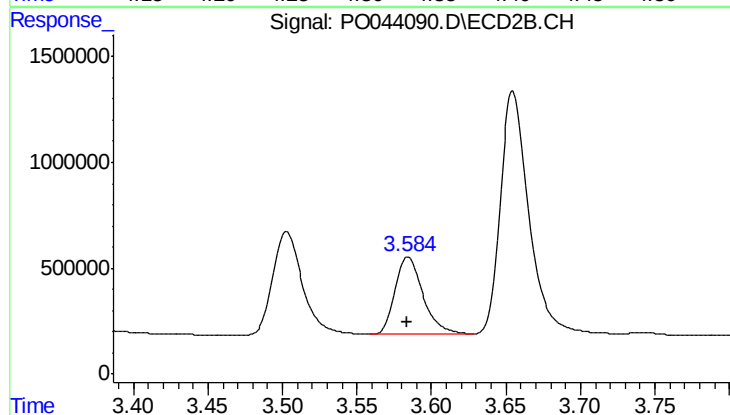
R.T.: 3.503 min  
Delta R.T.: 0.000 min  
Response: 6689273  
Conc: 500.00 ng/ml



#9 AR-1221-2

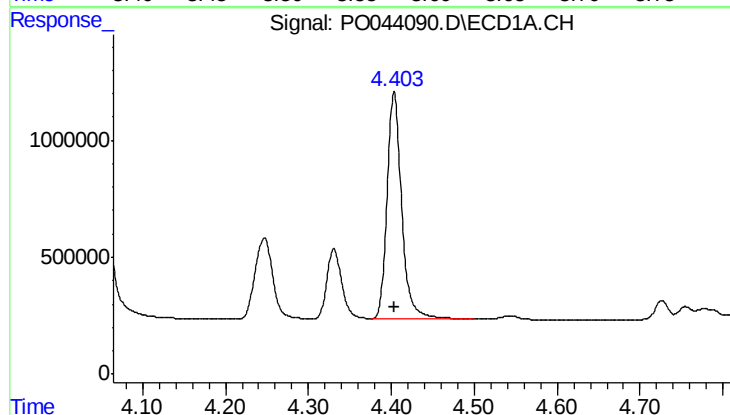
R.T.: 4.331 min  
Delta R.T.: 0.000 min  
Response: 3754270  
Conc: 500.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



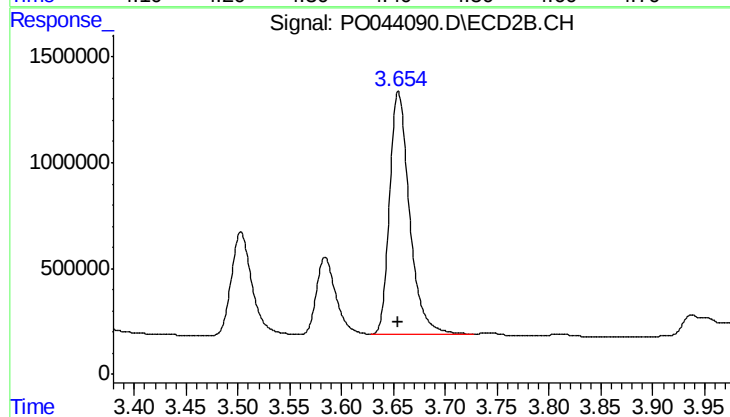
#9 AR-1221-2

R.T.: 3.584 min  
Delta R.T.: 0.000 min  
Response: 4776222  
Conc: 500.00 ng/ml



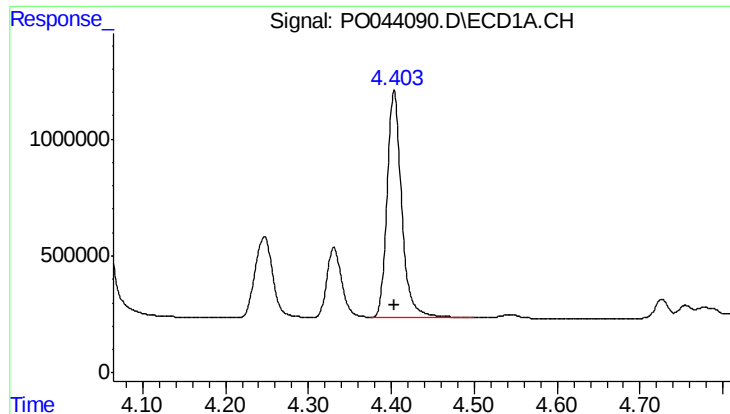
#10 AR-1221-3

R.T.: 4.403 min  
Delta R.T.: 0.000 min  
Response: 11897546  
Conc: 500.00 ng/ml



#10 AR-1221-3

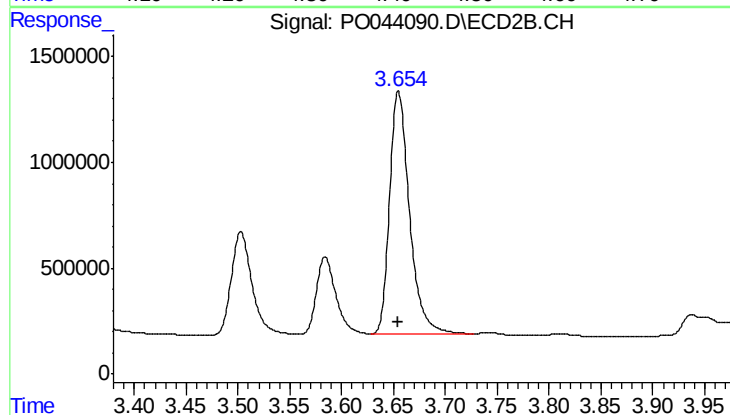
R.T.: 3.655 min  
Delta R.T.: 0.000 min  
Response: 15312963  
Conc: 500.00 ng/ml



#11 AR-1232-1

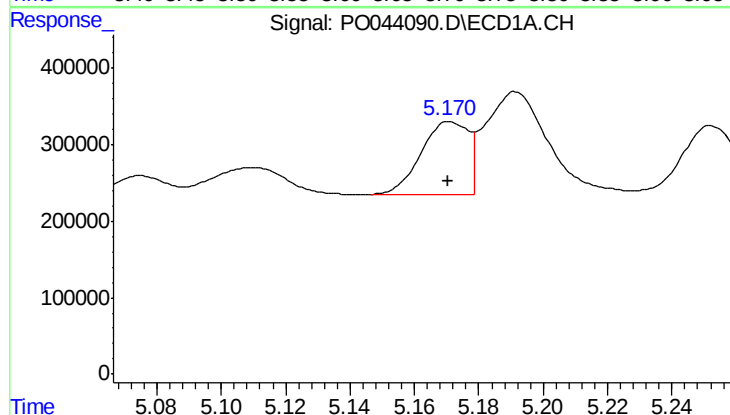
R.T.: 4.403 min  
Delta R.T.: 0.000 min  
Response: 11897546  
Conc: 1070.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



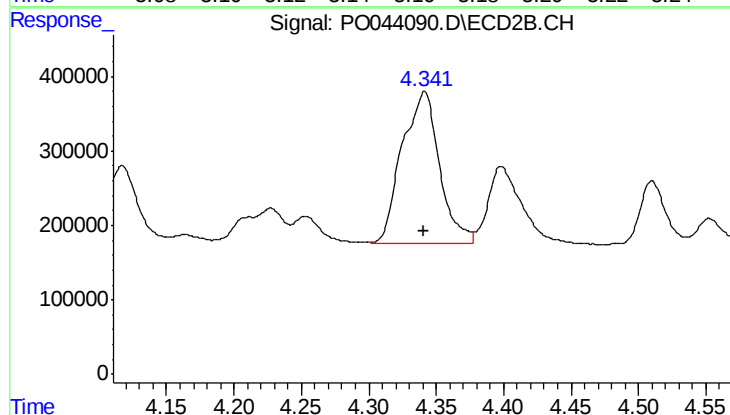
#11 AR-1232-1

R.T.: 3.655 min  
Delta R.T.: 0.000 min  
Response: 15312963  
Conc: 1076.36 ng/ml



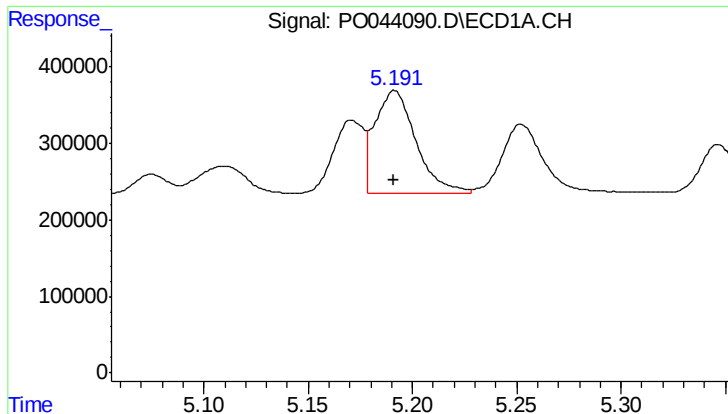
#12 AR-1232-2

R.T.: 5.171 min  
Delta R.T.: 0.000 min  
Response: 971288  
Conc: 128.28 ng/ml



#12 AR-1232-2

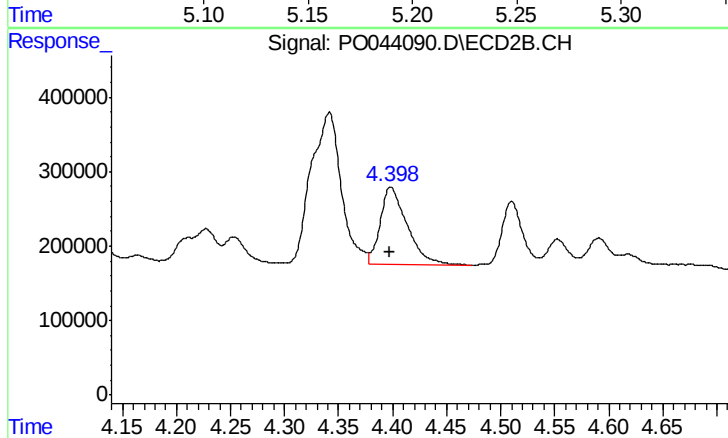
R.T.: 4.342 min  
Delta R.T.: 0.000 min  
Response: 3963749  
Conc: 140.91 ng/ml



#13 AR-1232-3

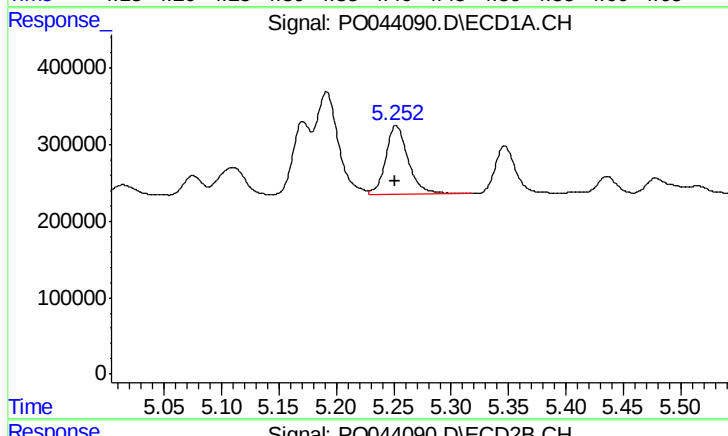
R.T.: 5.191 min  
Delta R.T.: 0.000 min  
Response: 1821975  
Conc: 144.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



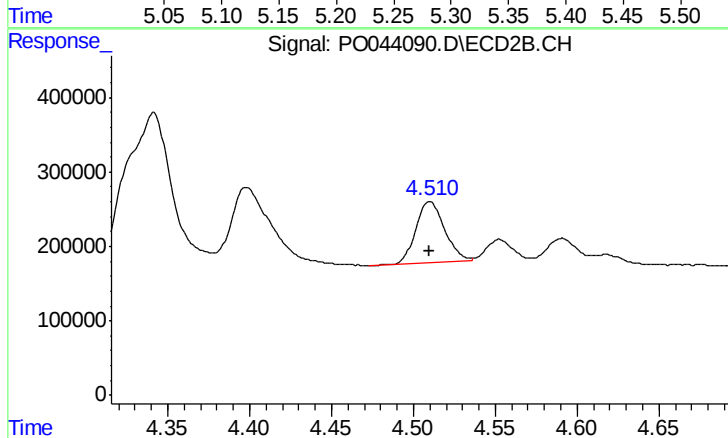
#13 AR-1232-3

R.T.: 4.398 min  
Delta R.T.: 0.000 min  
Response: 1825307  
Conc: 158.32 ng/ml



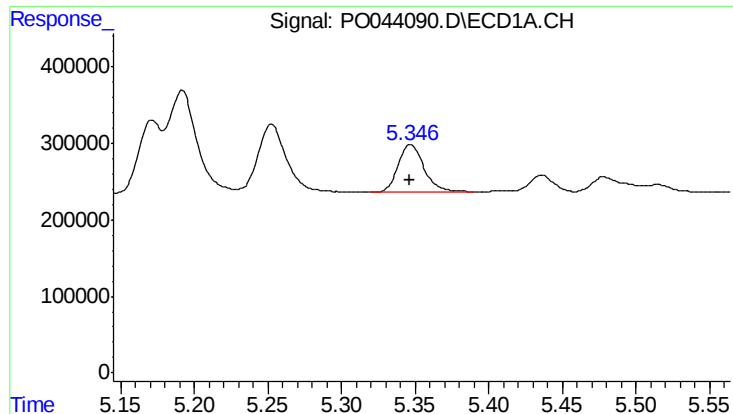
#14 AR-1232-4

R.T.: 5.252 min  
Delta R.T.: 0.000 min  
Response: 1214262  
Conc: 153.95 ng/ml



#14 AR-1232-4

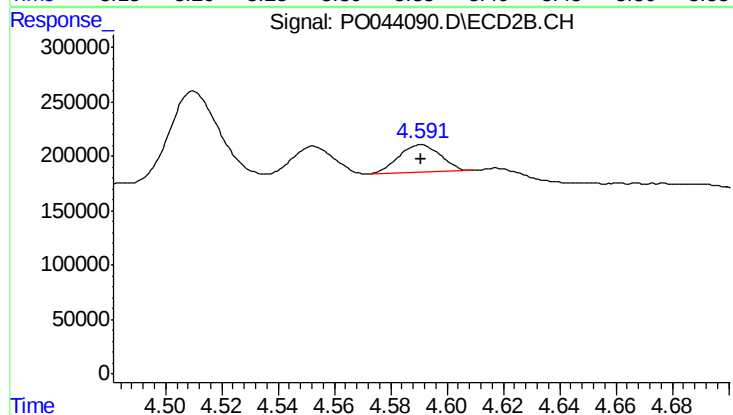
R.T.: 4.510 min  
Delta R.T.: 0.000 min  
Response: 1007821  
Conc: 118.28 ng/ml



#15 AR-1232-5

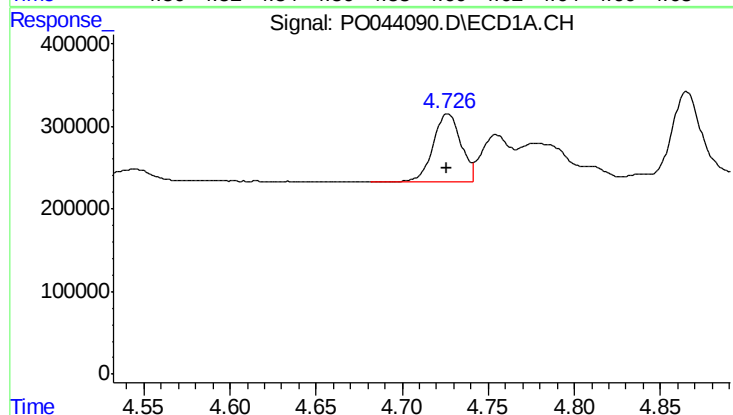
R.T.: 5.347 min  
Delta R.T.: 0.000 min  
Response: 762147  
Conc: 122.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



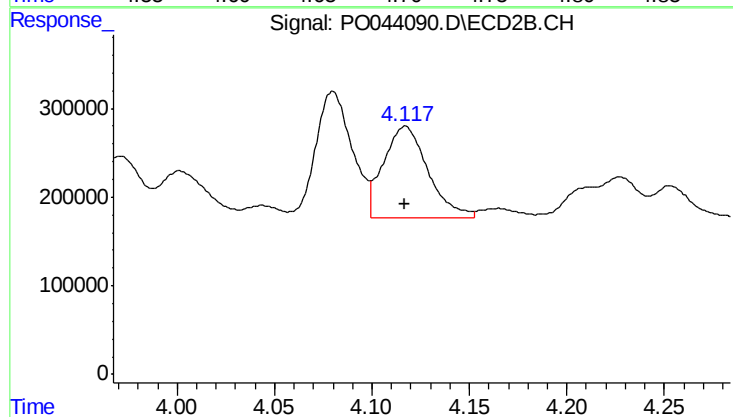
#15 AR-1232-5

R.T.: 4.591 min  
Delta R.T.: 0.000 min  
Response: 267237  
Conc: 36.41 ng/ml



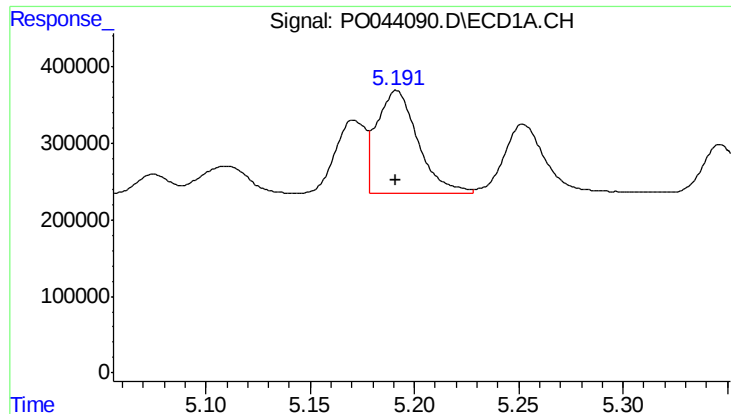
#16 AR-1242-1

R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 921281  
Conc: 99.51 ng/ml



#16 AR-1242-1

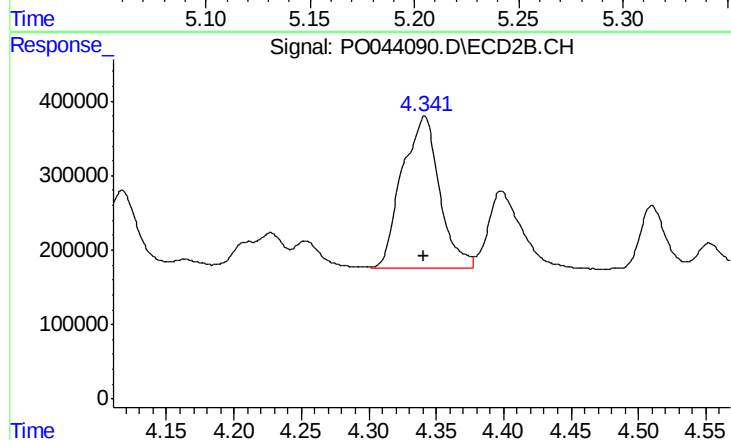
R.T.: 4.117 min  
Delta R.T.: 0.000 min  
Response: 1638174  
Conc: 118.94 ng/ml



#17 AR-1242-2

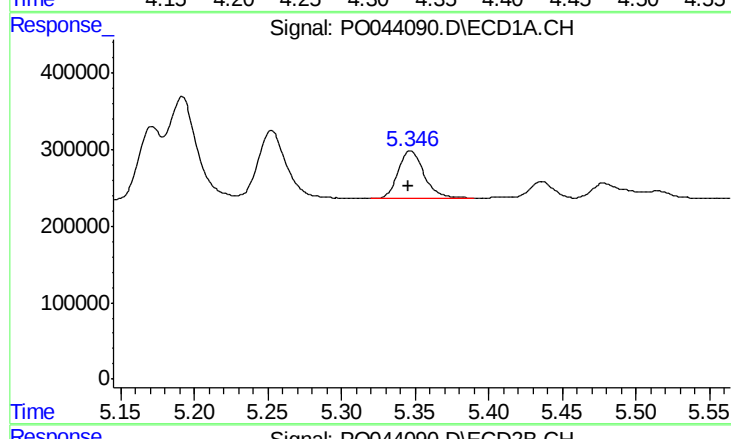
R.T.: 5.191 min  
Delta R.T.: 0.000 min  
Response: 1821975  
Conc: 89.94 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



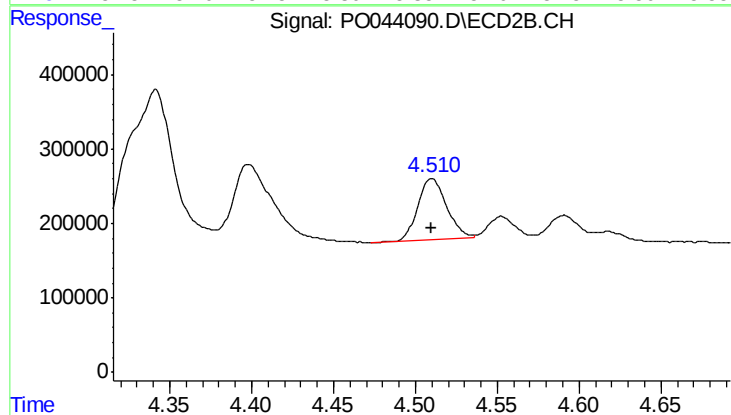
#17 AR-1242-2

R.T.: 4.342 min  
Delta R.T.: 0.000 min  
Response: 3963749  
Conc: 87.95 ng/ml



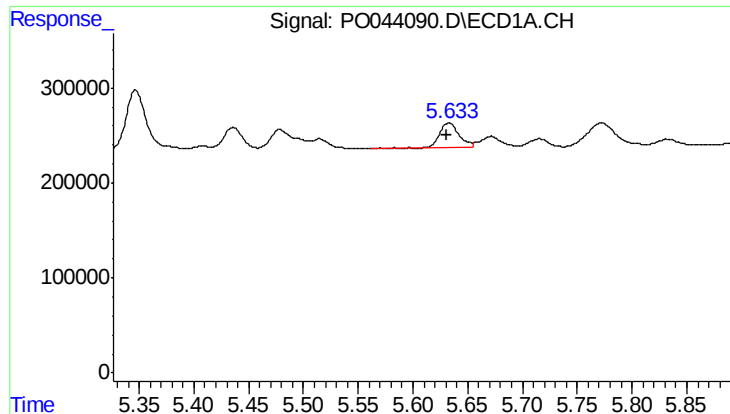
#18 AR-1242-3

R.T.: 5.347 min  
Delta R.T.: 0.000 min  
Response: 762147  
Conc: 76.84 ng/ml



#18 AR-1242-3

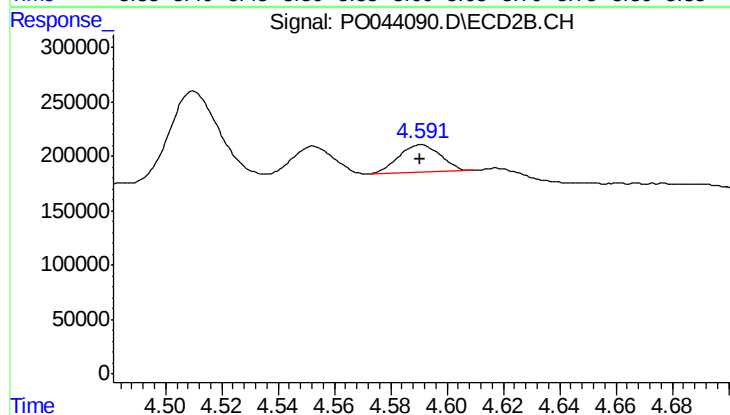
R.T.: 4.510 min  
Delta R.T.: 0.000 min  
Response: 1007821  
Conc: 73.52 ng/ml



#19 AR-1242-4

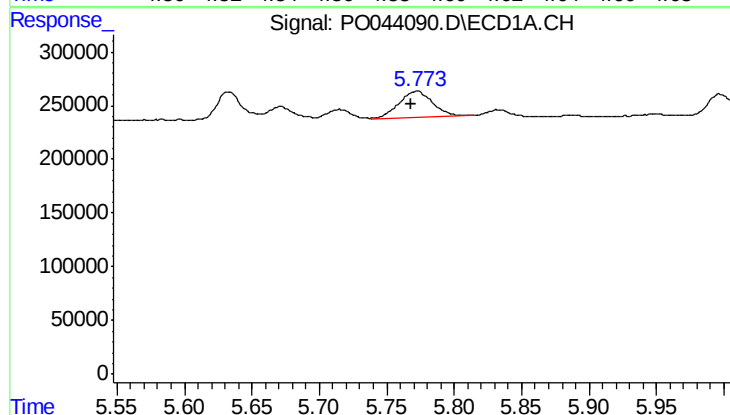
R.T.: 5.633 min  
Delta R.T.: 0.001 min  
Response: 339510  
Conc: 37.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



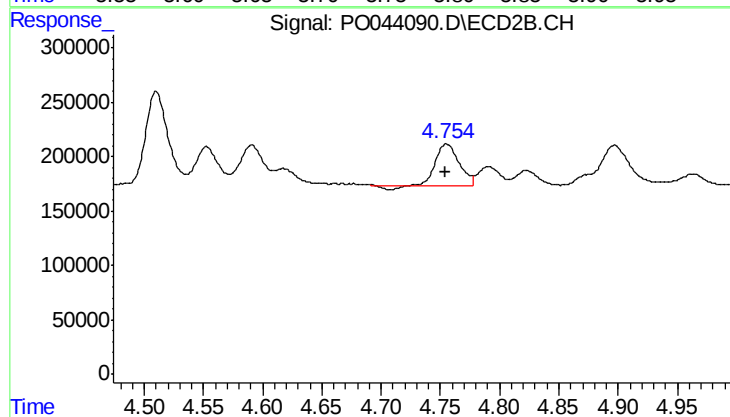
#19 AR-1242-4

R.T.: 4.591 min  
Delta R.T.: 0.000 min  
Response: 267237  
Conc: 20.88 ng/ml



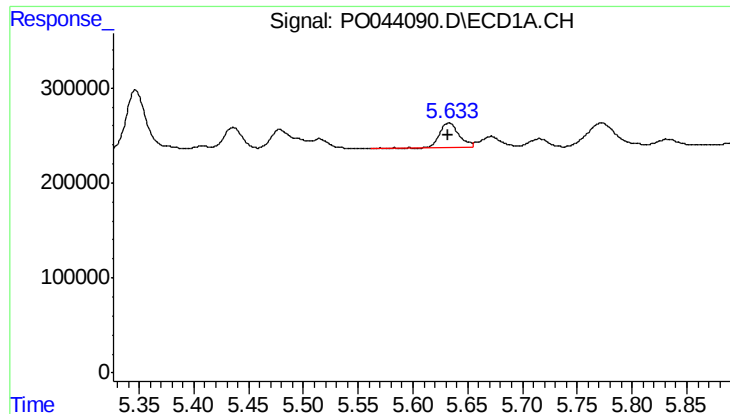
#20 AR-1242-5

R.T.: 5.773 min  
Delta R.T.: 0.004 min  
Response: 419542  
Conc: 40.96 ng/ml



#20 AR-1242-5

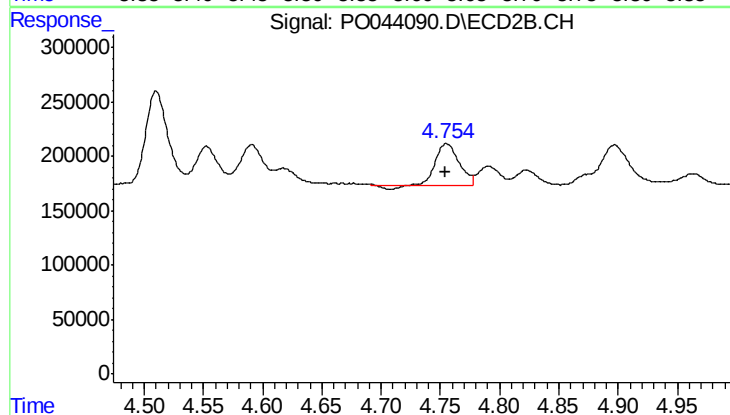
R.T.: 4.755 min  
Delta R.T.: 0.000 min  
Response: 491124  
Conc: 36.34 ng/ml



#21 AR-1248-1

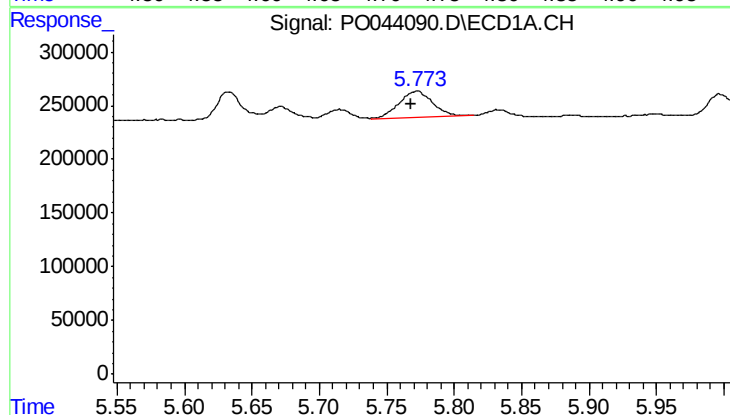
R.T.: 5.633 min  
Delta R.T.: 0.001 min  
Response: 339510  
Conc: 21.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



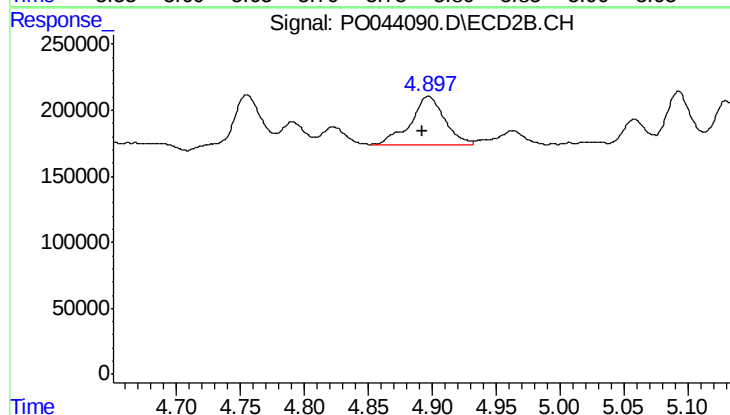
#21 AR-1248-1

R.T.: 4.755 min  
Delta R.T.: 0.000 min  
Response: 491124  
Conc: 20.51 ng/ml



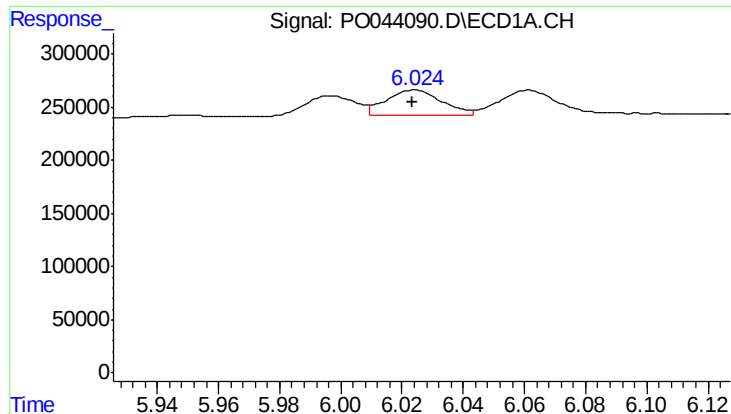
#22 AR-1248-2

R.T.: 5.773 min  
Delta R.T.: 0.005 min  
Response: 419542  
Conc: 29.31 ng/ml



#22 AR-1248-2

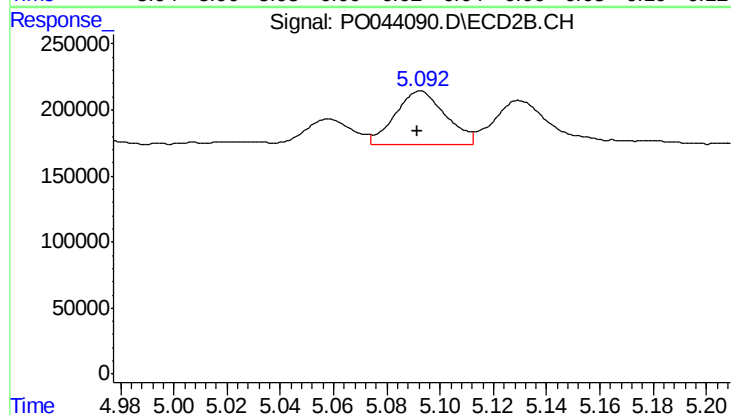
R.T.: 4.897 min  
Delta R.T.: 0.004 min  
Response: 681489  
Conc: 31.82 ng/ml



#23 AR-1248-3

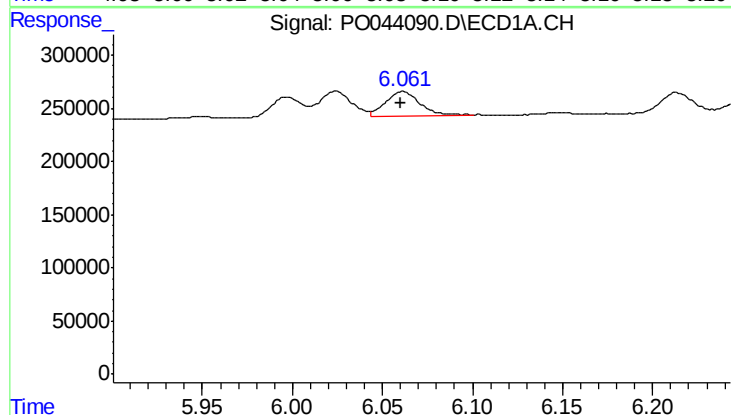
R.T.: 6.024 min  
Delta R.T.: 0.000 min  
Response: 296066  
Conc: 15.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



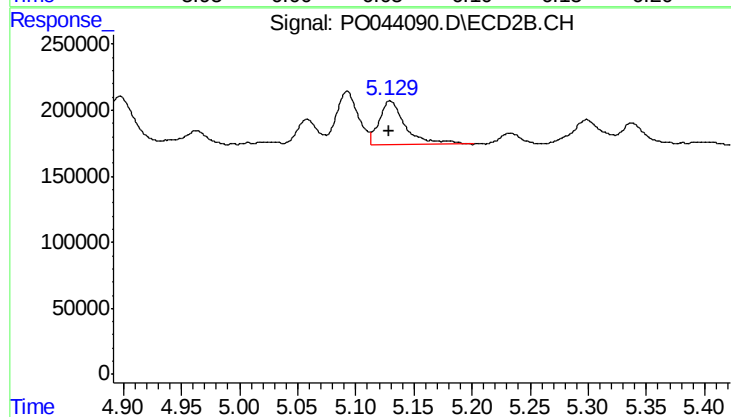
#23 AR-1248-3

R.T.: 5.093 min  
Delta R.T.: 0.001 min  
Response: 526270  
Conc: 15.29 ng/ml



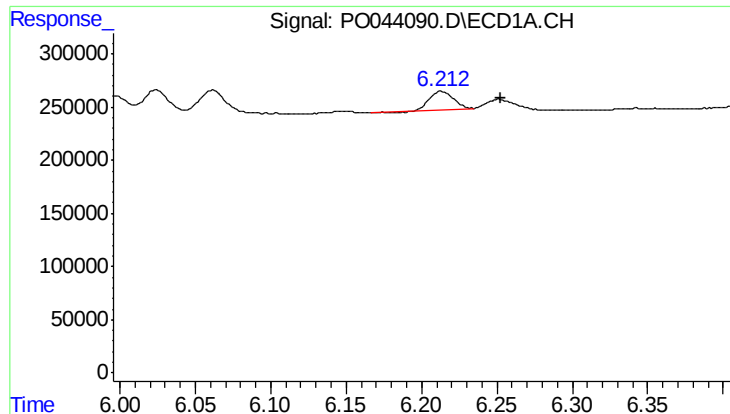
#24 AR-1248-4

R.T.: 6.061 min  
Delta R.T.: 0.001 min  
Response: 298940  
Conc: 15.84 ng/ml



#24 AR-1248-4

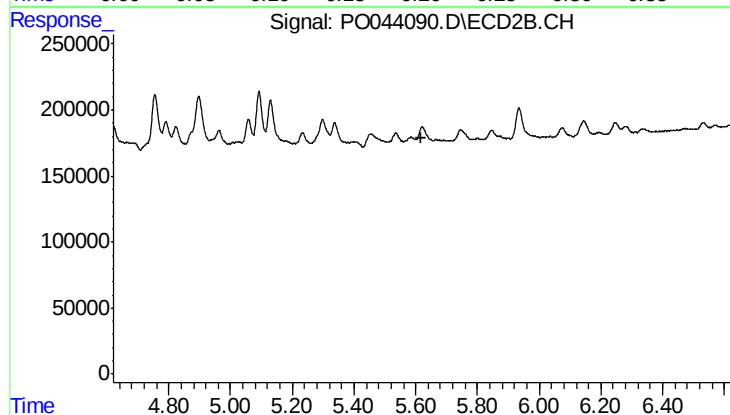
R.T.: 5.130 min  
Delta R.T.: 0.001 min  
Response: 519894  
Conc: 18.41 ng/ml



#25 AR-1248-5

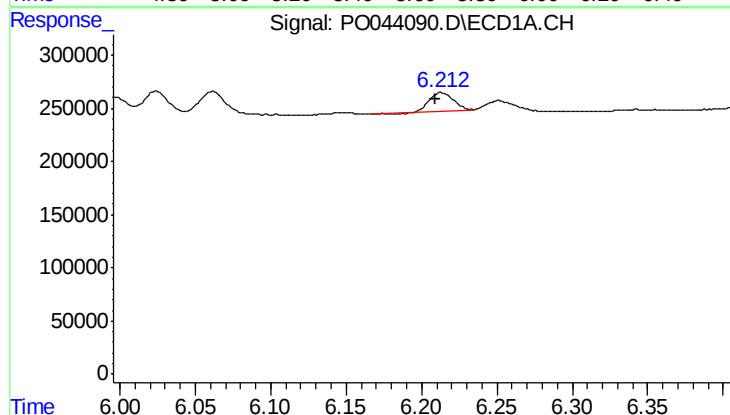
R.T.: 6.213 min  
Delta R.T.: -0.039 min  
Response: 176790  
Conc: 14.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



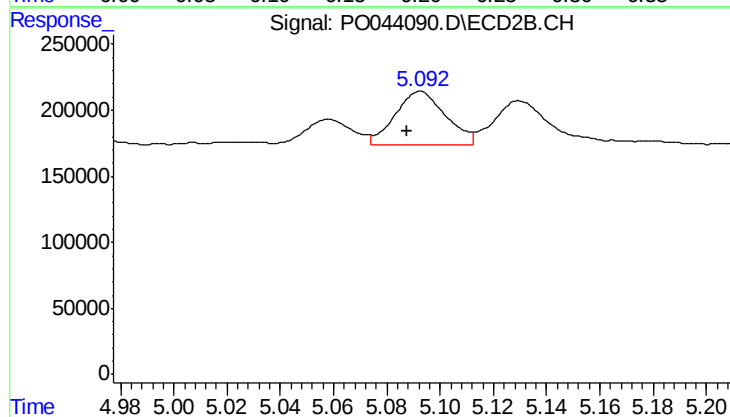
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T.: 5.620 min  
Response: 0  
Conc: N.D.



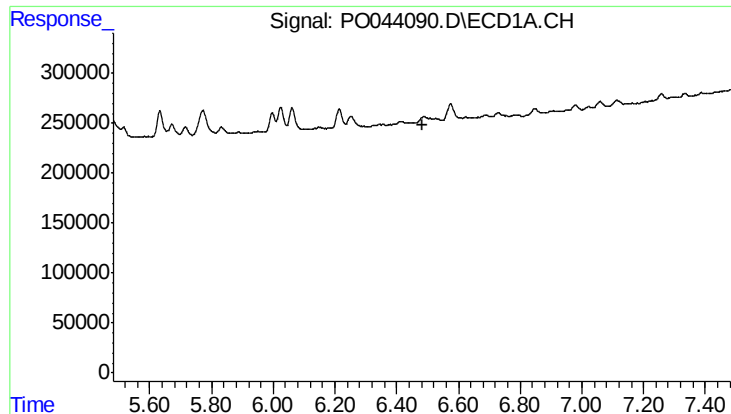
#26 AR-1254-1

R.T.: 6.213 min  
Delta R.T.: 0.004 min  
Response: 176790  
Conc: 5.09 ng/ml



#26 AR-1254-1

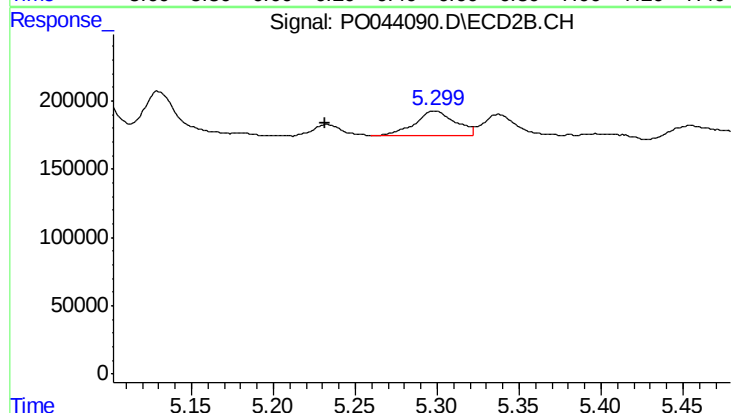
R.T.: 5.093 min  
Delta R.T.: 0.005 min  
Response: 526270  
Conc: 11.33 ng/ml



#27 AR-1254-2

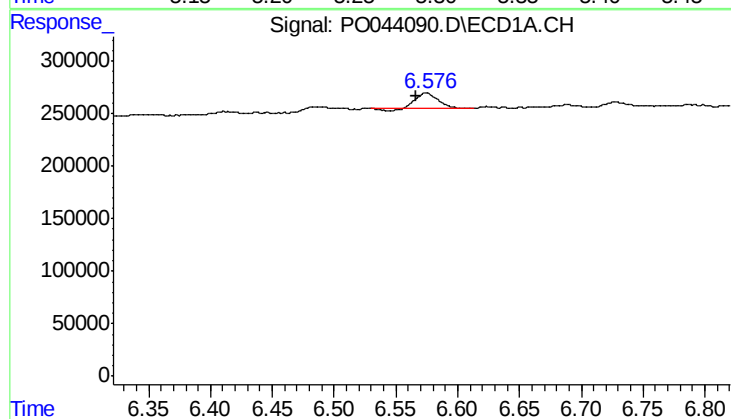
R.T.: 0.000 min  
Exp R.T.: 6.482 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



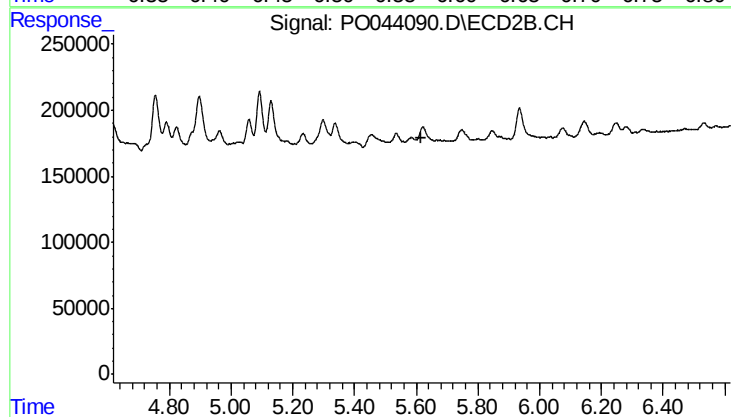
#27 AR-1254-2

R.T.: 5.299 min  
Delta R.T.: 0.067 min  
Response: 314390  
Conc: 8.00 ng/ml



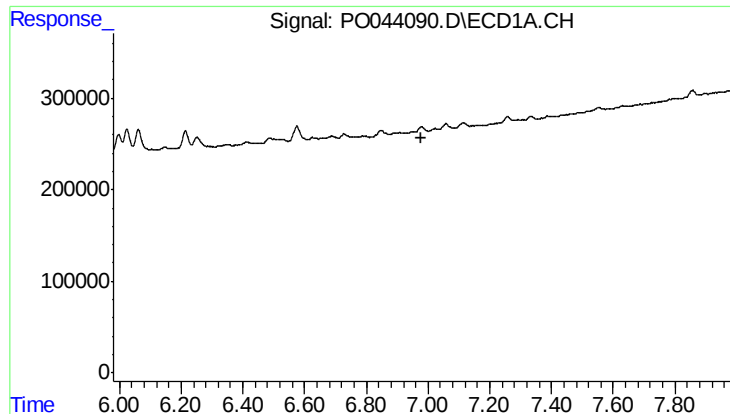
#28 AR-1254-3

R.T.: 6.575 min  
Delta R.T.: 0.008 min  
Response: 180644  
Conc: 4.79 ng/ml



#28 AR-1254-3

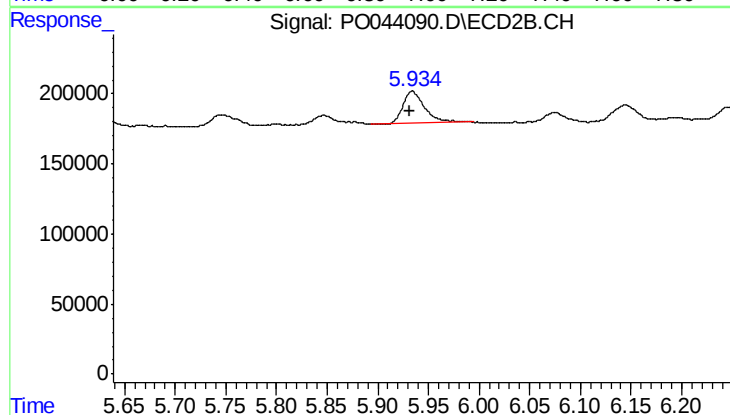
R.T.: 0.000 min  
Exp R.T.: 5.618 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

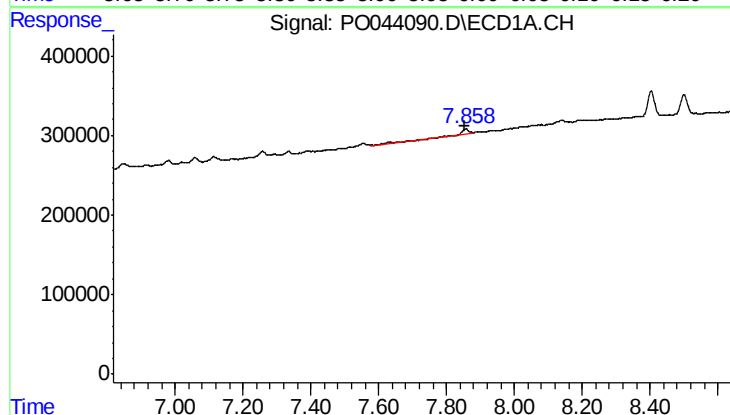
R.T.: 0.000 min  
Exp R.T.: 6.980 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



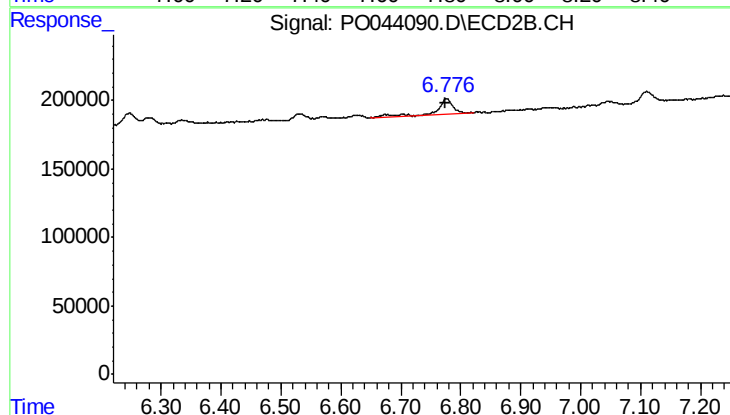
#32 AR-1260-2

R.T.: 5.934 min  
Delta R.T.: 0.003 min  
Response: 339534  
Conc: 6.31 ng/ml



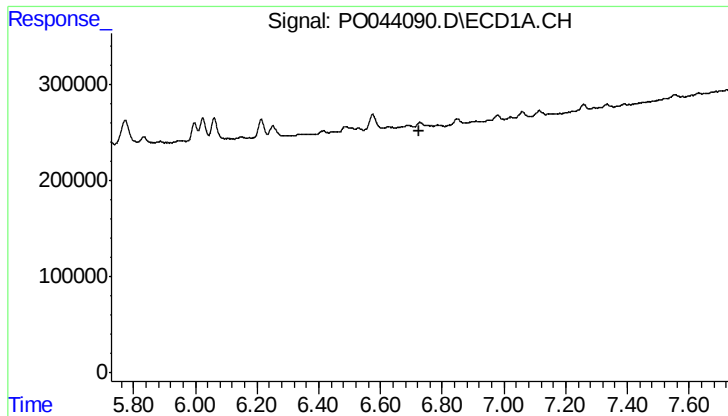
#34 AR-1260-4

R.T.: 7.857 min  
Delta R.T.: 0.003 min  
Response: 81698  
Conc: 1.24 ng/ml



#34 AR-1260-4

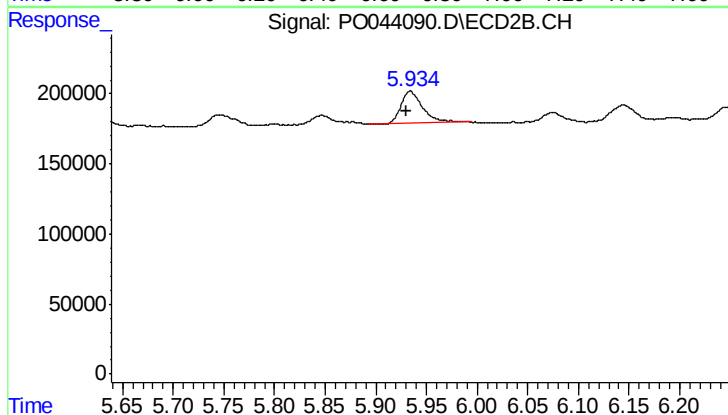
R.T.: 6.776 min  
Delta R.T.: 0.000 min  
Response: 223759  
Conc: 2.04 ng/ml



#36 AR-1262-1

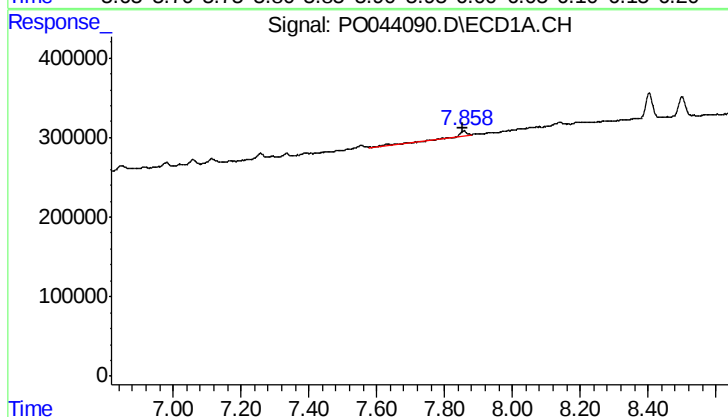
R.T.: 0.000 min  
Exp R.T.: 6.727 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



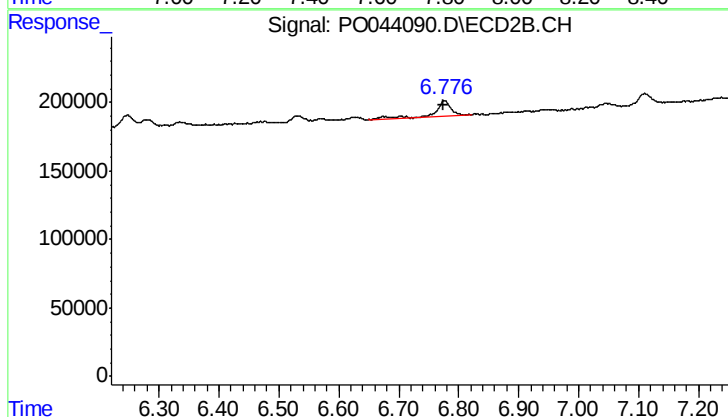
#36 AR-1262-1

R.T.: 5.934 min  
Delta R.T.: 0.004 min  
Response: 339534  
Conc: 8.00 ng/ml



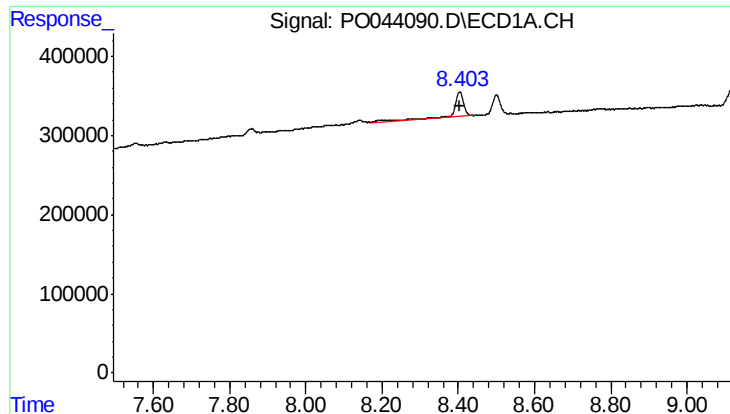
#40 AR-1262-5

R.T.: 7.857 min  
Delta R.T.: 0.003 min  
Response: 81698  
Conc: 1.03 ng/ml



#40 AR-1262-5

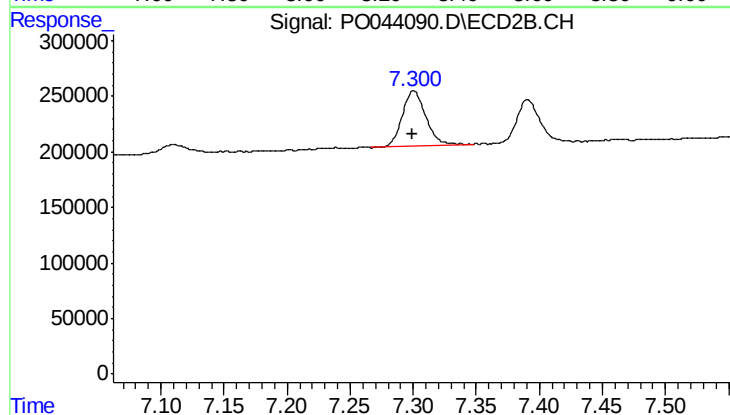
R.T.: 6.776 min  
Delta R.T.: 0.002 min  
Response: 223759  
Conc: 1.73 ng/ml



#43 AR-1268-3

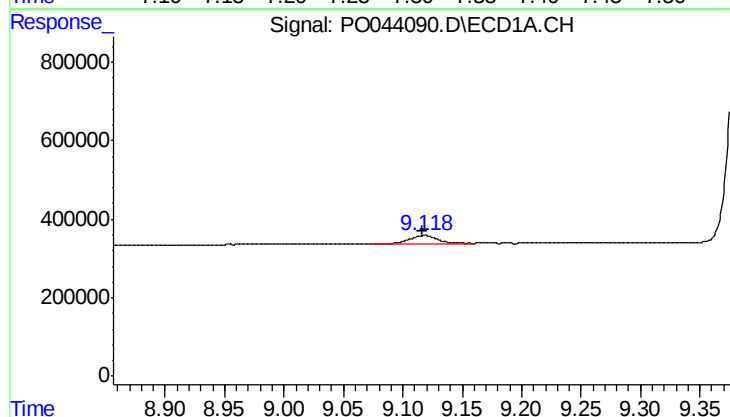
R.T.: 8.404 min  
Delta R.T.: 0.000 min  
Response: 514947  
Conc: 8.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500



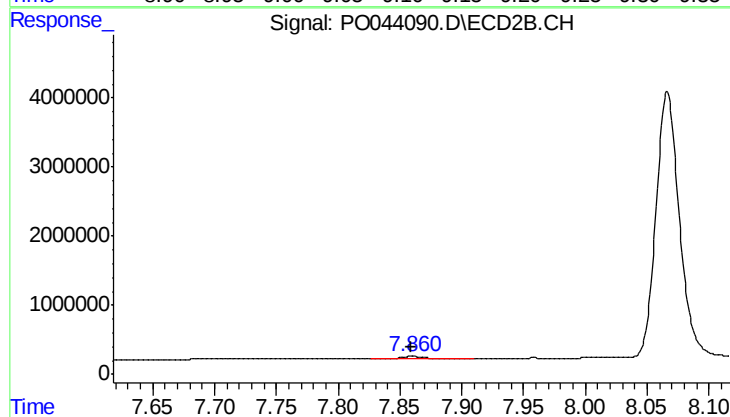
#43 AR-1268-3

R.T.: 7.300 min  
Delta R.T.: 0.002 min  
Response: 652285  
Conc: 6.33 ng/ml



#45 AR-1268-5

R.T.: 9.119 min  
Delta R.T.: 0.003 min  
Response: 326428  
Conc: 1.64 ng/ml



#45 AR-1268-5

R.T.: 7.860 min  
Delta R.T.: 0.001 min  
Response: 454006  
Conc: 1.51 ng/ml