

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO120221\  
 Data File : PO083380.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 02 Dec 2021 13:07  
 Operator : AJ\MA  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :

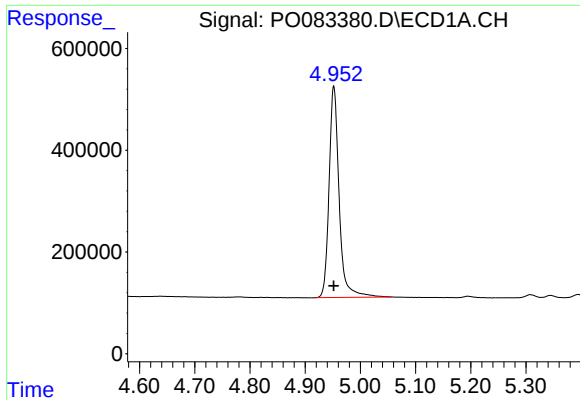
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 02 13:26:48 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO111921.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Nov 20 02:49:51 2021  
 Response via : Initial Calibration  
 Integrator: 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... | 4.952  | 3.951 | 5277468 | 1730339 | 60.136   | 56.766     |
| 2)                          | SA Decachlor... | 11.042 | 9.257 | 3794527 | 1704116 | 57.706   | 56.687     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.285  | 5.207 | 906126  | 394119  | 312.397  | 299.220    |
| 4)                          | L1 AR-1016-2    | 6.309  | 5.227 | 1068151 | 383377  | 259.192  | 213.581    |
| 5)                          | L1 AR-1016-3    | 6.375  | 5.419 | 510012  | 271955  | 203.249  | 278.640 #  |
| 6)                          | L1 AR-1016-4    | 6.483  | 5.471 | 582716  | 550639  | 284.530  | 677.336 #  |
| 7)                          | L1 AR-1016-5    | 6.801  | 5.699 | 1425863 | 647366  | 703.671  | 638.085    |
| 8)                          | L2 AR-1221-1    | 5.194  | 0.000 | 36089   | 0       | 38.084   | N.D. #     |
| 9)                          | L2 AR-1221-2    | 5.308  | 4.302 | 71376   | 26326   | 106.158  | 93.489     |
| 10)                         | L2 AR-1221-3    | 5.395  | 4.395 | 73333   | 45946   | 34.115   | 50.803 #   |
| 11)                         | L3 AR-1232-1    | 5.395  | 4.395 | 73333   | 45946   | 41.194   | 59.938 #   |
| 12)                         | L3 AR-1232-2    | 5.988  | 5.227 | 410497  | 383377  | 452.674  | 510.372    |
| 13)                         | L3 AR-1232-3    | 6.309  | 5.419 | 1068151 | 271955  | 652.203  | 686.616    |
| 14)                         | L3 AR-1232-4    | 6.483  | 5.515 | 582716  | 553617  | 727.891  | 1574.563 # |
| 15)                         | L3 AR-1232-5    | 6.582  | 5.699 | 1222888 | 647366  | 2176.429 | 1686.094   |
| 16)                         | L4 AR-1242-1    | 6.285  | 5.207 | 906126  | 394119  | 423.644  | 405.515    |
| 17)                         | L4 AR-1242-2    | 6.309  | 5.227 | 1068151 | 383377  | 354.366  | 292.239    |
| 18)                         | L4 AR-1242-3    | 6.375  | 5.419 | 510012  | 271955  | 273.123  | 375.398 #  |
| 19)                         | L4 AR-1242-4    | 6.483  | 5.515 | 582716  | 553617  | 386.369  | 804.191 #  |
| 20)                         | L4 AR-1242-5    | 7.272  | 6.080 | 1527098 | 950447  | 987.135  | 1026.208   |
| 21)                         | L5 AR-1248-1    | 6.285  | 5.207 | 906126  | 394119  | 581.770  | 552.993    |
| 22)                         | L5 AR-1248-2    | 6.582  | 5.471 | 1222888 | 550639  | 575.552  | 543.584    |
| 23)                         | L5 AR-1248-3    | 6.801  | 5.515 | 1425863 | 553617  | 574.957  | 558.885    |
| 24)                         | L5 AR-1248-4    | 7.232  | 5.699 | 1539844 | 647366  | 587.737  | 525.282    |
| 25)                         | L5 AR-1248-5    | 7.272  | 6.123 | 1527098 | 673563  | 589.727  | 545.268    |
| 26)                         | L6 AR-1254-1    | 7.201  | 6.080 | 1223271 | 950447  | 439.564  | 488.801    |
| 27)                         | L6 AR-1254-2    | 7.436  | 6.240 | 1522451 | 282455  | 365.958  | 167.874 #  |
| 28)                         | L6 AR-1254-3    | 7.817  | 6.661 | 813104  | 423772  | 189.311  | 165.761    |
| 29)                         | L6 AR-1254-4    | 8.115  | 6.902 | 567334  | 308878  | 183.416  | 169.315    |
| 30)                         | L6 AR-1254-5    | 8.547  | 7.331 | 124773  | 84675   | 38.920   | 36.389     |
| 31)                         | L7 AR-1260-1    | 7.984  | 6.806 | 56171   | 219343  | 17.682   | 120.043 #  |
| 32)                         | L7 AR-1260-2    | 8.250  | 6.998 | 133179  | 48791   | 35.484   | 20.363 #   |
| 33)                         | L7 AR-1260-3    | 8.610  | 7.149 | 20200   | 52568   | 7.061    | 25.630 #   |
| 34)                         | L7 AR-1260-4    | 8.844  | 0.000 | 43032   | 0       | 13.324   | N.D. #     |
| 35)                         | L7 AR-1260-5    | 9.188  | 7.885 | 32526   | 14286   | 5.133    | 3.200 #    |
| 36)                         | L8 AR-1262-1    | 8.610  | 7.331 | 20200   | 84675   | 5.417    | 69.499 #   |
| 37)                         | L8 AR-1262-2    | 9.188  | 7.885 | 32526   | 14286   | 5.055    | 3.162 #    |
| -----                       |                 |        |       |         |         |          |            |

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

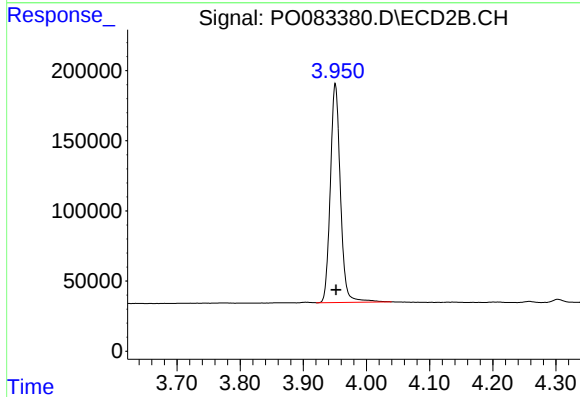




#1 Tetrachloro-m-xylene

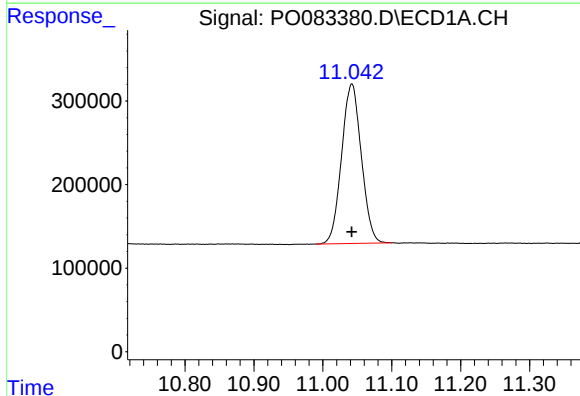
R.T.: 4.952 min  
Delta R.T.: 0.000 min  
Response: 5277468  
Conc: 60.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



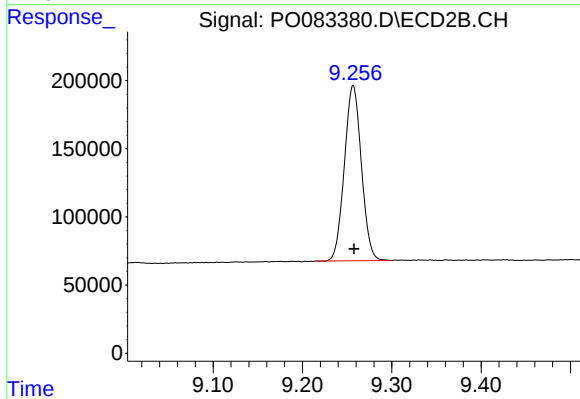
#1 Tetrachloro-m-xylene

R.T.: 3.951 min  
Delta R.T.: -0.001 min  
Response: 1730339  
Conc: 56.77 ng/ml



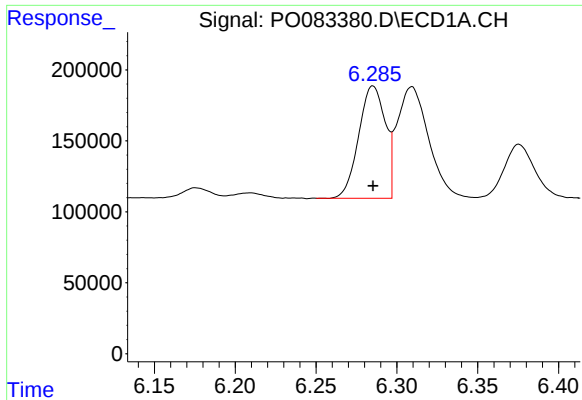
#2 Decachlorobiphenyl

R.T.: 11.042 min  
Delta R.T.: 0.000 min  
Response: 3794527  
Conc: 57.71 ng/ml



#2 Decachlorobiphenyl

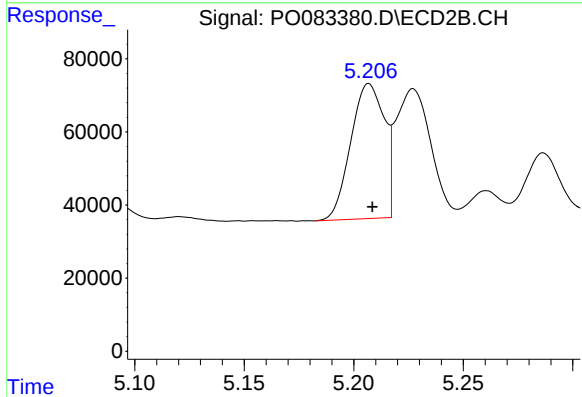
R.T.: 9.257 min  
Delta R.T.: -0.001 min  
Response: 1704116  
Conc: 56.69 ng/ml



#3 AR-1016-1

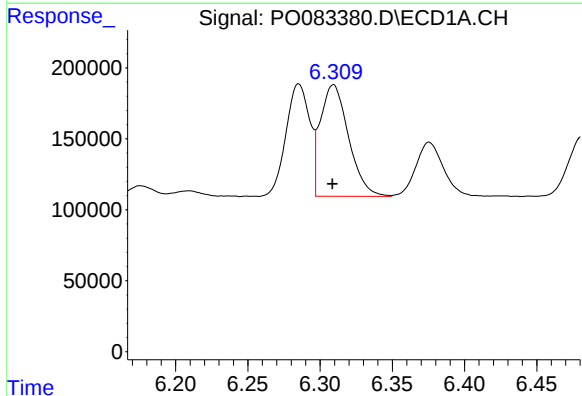
R.T.: 6.285 min  
Delta R.T.: 0.000 min  
Response: 906126  
Conc: 312.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



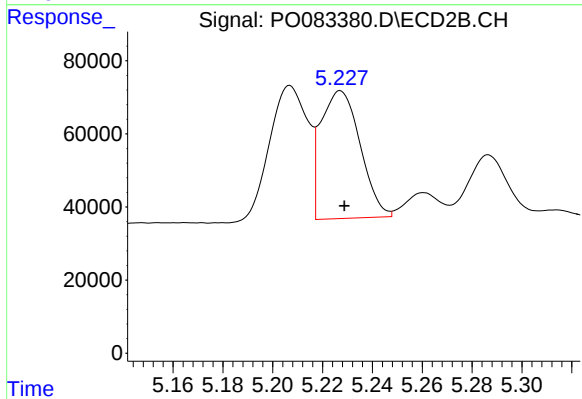
#3 AR-1016-1

R.T.: 5.207 min  
Delta R.T.: -0.002 min  
Response: 394119  
Conc: 299.22 ng/ml



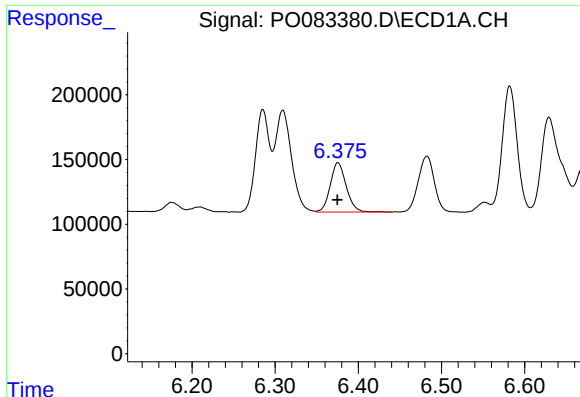
#4 AR-1016-2

R.T.: 6.309 min  
Delta R.T.: 0.000 min  
Response: 1068151  
Conc: 259.19 ng/ml



#4 AR-1016-2

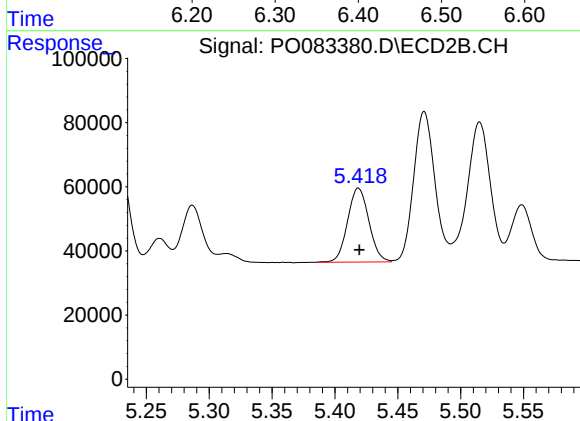
R.T.: 5.227 min  
Delta R.T.: -0.002 min  
Response: 383377  
Conc: 213.58 ng/ml



#5 AR-1016-3

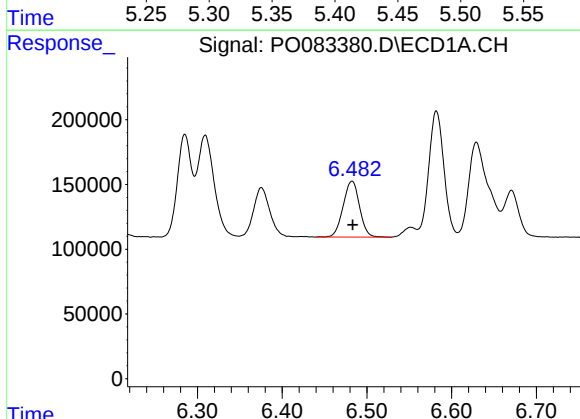
R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 510012  
Conc: 203.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



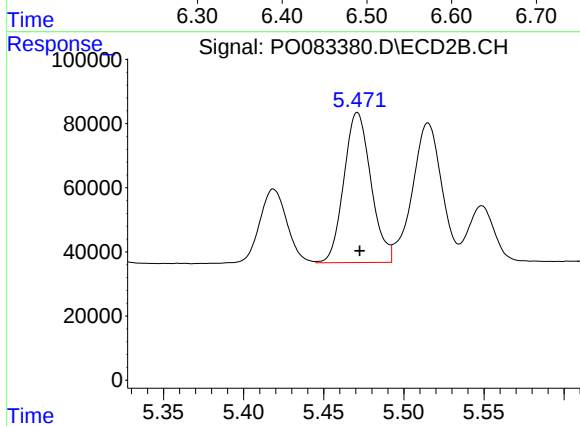
#5 AR-1016-3

R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 271955  
Conc: 278.64 ng/ml



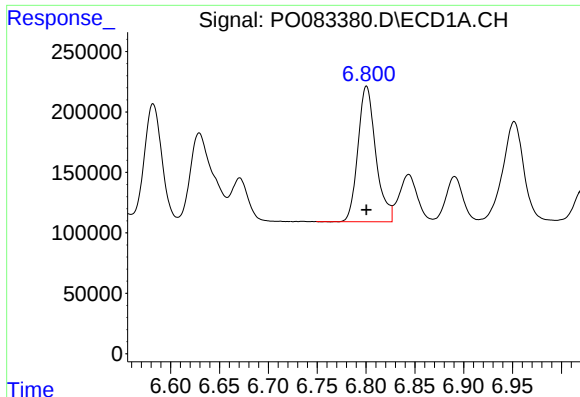
#6 AR-1016-4

R.T.: 6.483 min  
Delta R.T.: 0.000 min  
Response: 582716  
Conc: 284.53 ng/ml



#6 AR-1016-4

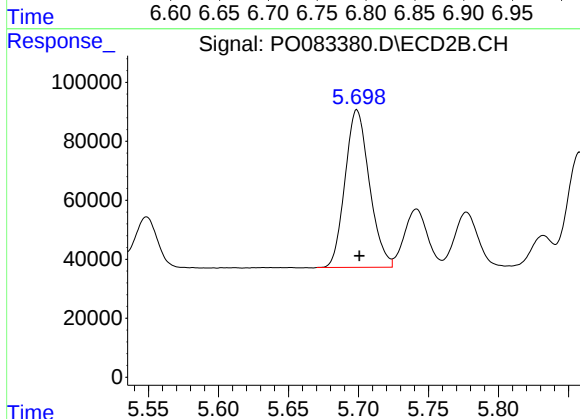
R.T.: 5.471 min  
Delta R.T.: -0.002 min  
Response: 550639  
Conc: 677.34 ng/ml



#7 AR-1016-5

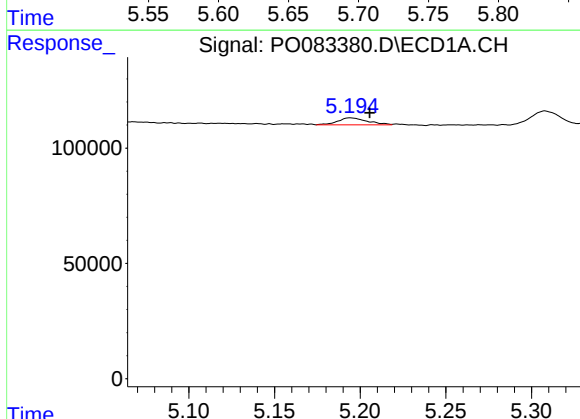
R.T.: 6.801 min  
Delta R.T.: 0.000 min  
Response: 1425863  
Conc: 703.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



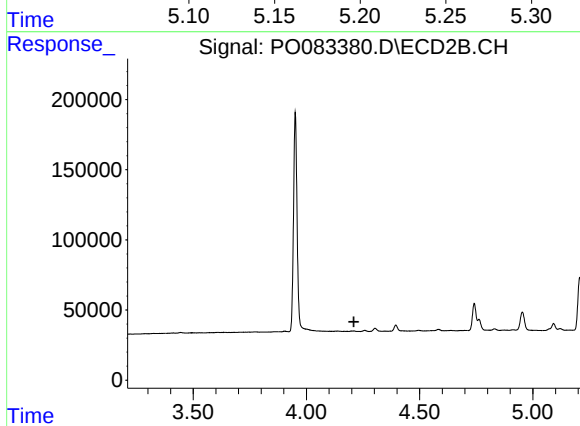
#7 AR-1016-5

R.T.: 5.699 min  
Delta R.T.: -0.002 min  
Response: 647366  
Conc: 638.08 ng/ml



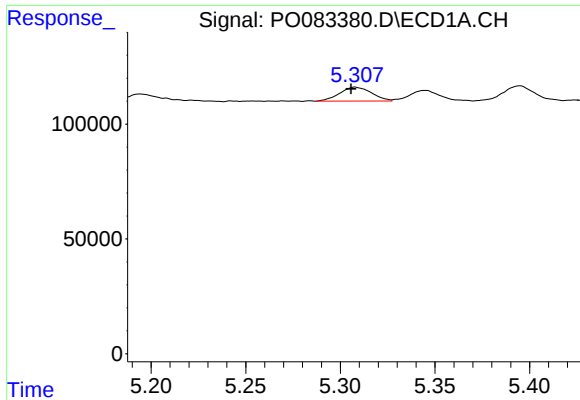
#8 AR-1221-1

R.T.: 5.194 min  
Delta R.T.: -0.011 min  
Response: 36089  
Conc: 38.08 ng/ml



#8 AR-1221-1

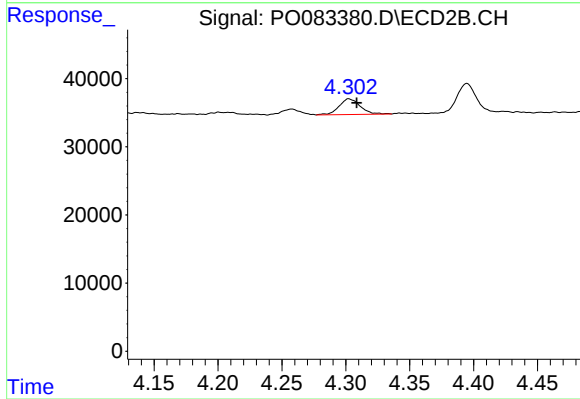
R.T.: 0.000 min  
Exp R.T. : 4.210 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

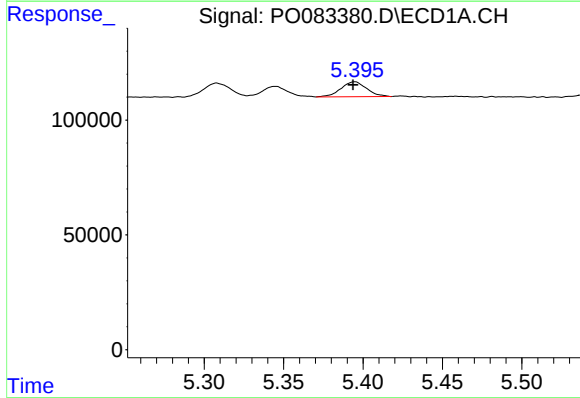
R.T.: 5.308 min  
Delta R.T.: 0.002 min  
Response: 71376  
Conc: 106.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



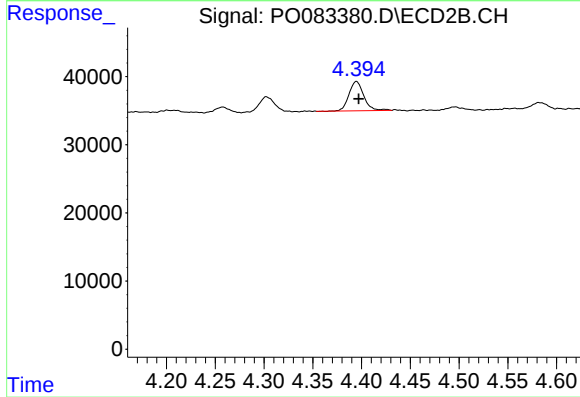
#9 AR-1221-2

R.T.: 4.302 min  
Delta R.T.: -0.006 min  
Response: 26326  
Conc: 93.49 ng/ml



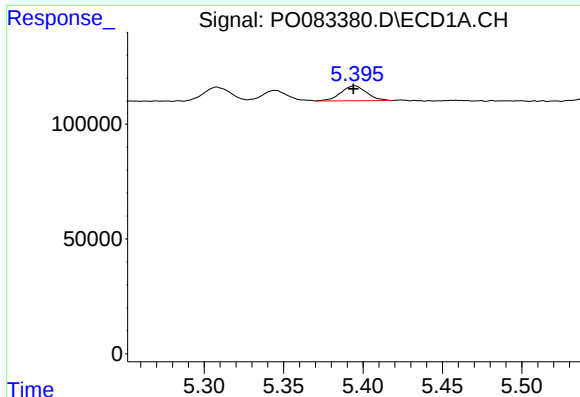
#10 AR-1221-3

R.T.: 5.395 min  
Delta R.T.: 0.001 min  
Response: 73333  
Conc: 34.11 ng/ml



#10 AR-1221-3

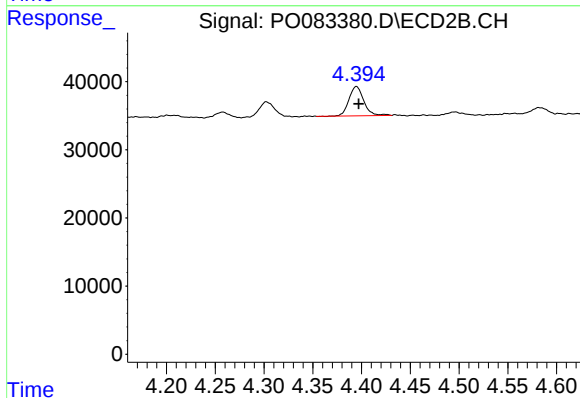
R.T.: 4.395 min  
Delta R.T.: -0.002 min  
Response: 45946  
Conc: 50.80 ng/ml



#11 AR-1232-1

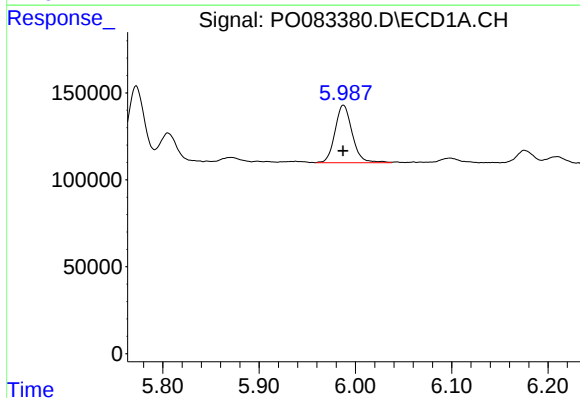
R.T.: 5.395 min  
Delta R.T.: 0.000 min  
Response: 73333  
Conc: 41.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



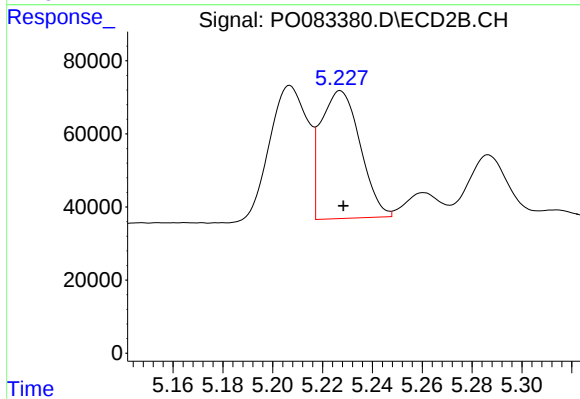
#11 AR-1232-1

R.T.: 4.395 min  
Delta R.T.: -0.002 min  
Response: 45946  
Conc: 59.94 ng/ml



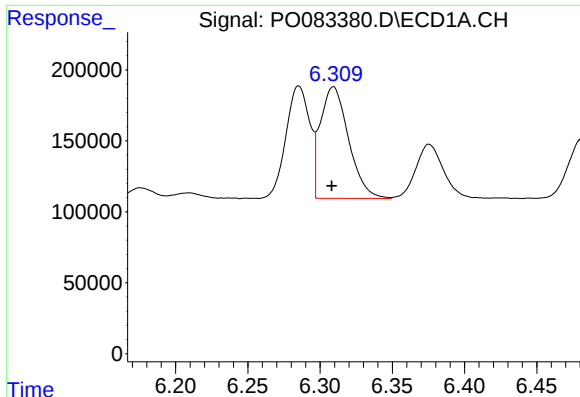
#12 AR-1232-2

R.T.: 5.988 min  
Delta R.T.: 0.000 min  
Response: 410497  
Conc: 452.67 ng/ml



#12 AR-1232-2

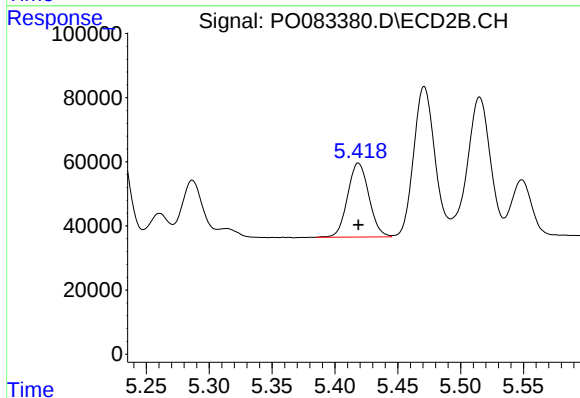
R.T.: 5.227 min  
Delta R.T.: -0.001 min  
Response: 383377  
Conc: 510.37 ng/ml



#13 AR-1232-3

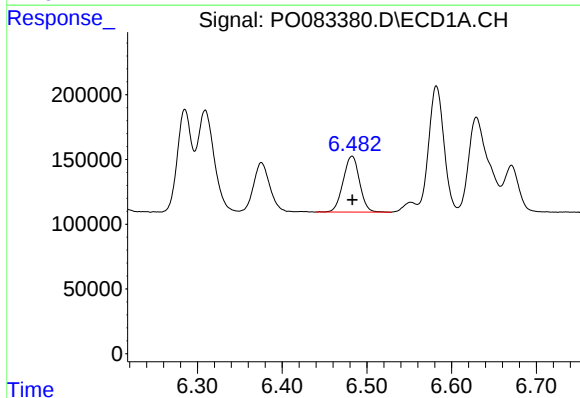
R.T.: 6.309 min  
Delta R.T.: 0.001 min  
Response: 1068151  
Conc: 652.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



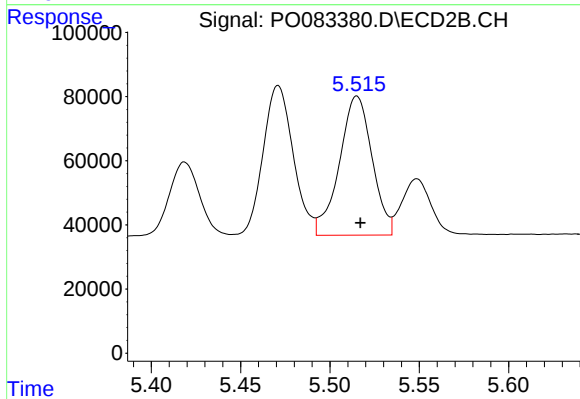
#13 AR-1232-3

R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 271955  
Conc: 686.62 ng/ml



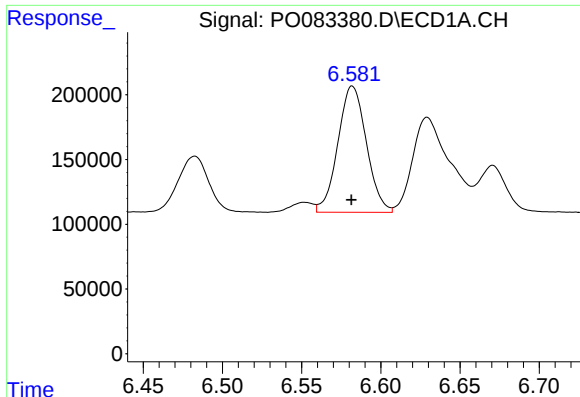
#14 AR-1232-4

R.T.: 6.483 min  
Delta R.T.: 0.000 min  
Response: 582716  
Conc: 727.89 ng/ml



#14 AR-1232-4

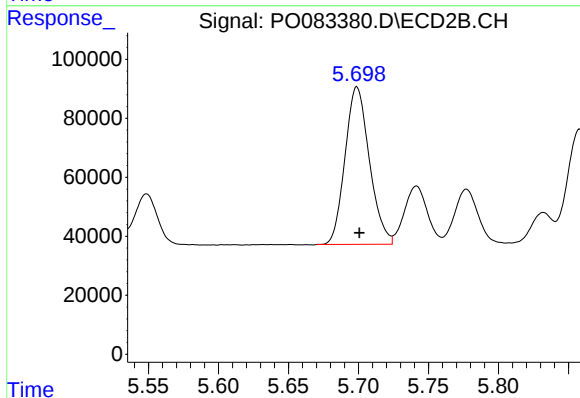
R.T.: 5.515 min  
Delta R.T.: -0.002 min  
Response: 553617  
Conc: 1574.56 ng/ml



#15 AR-1232-5

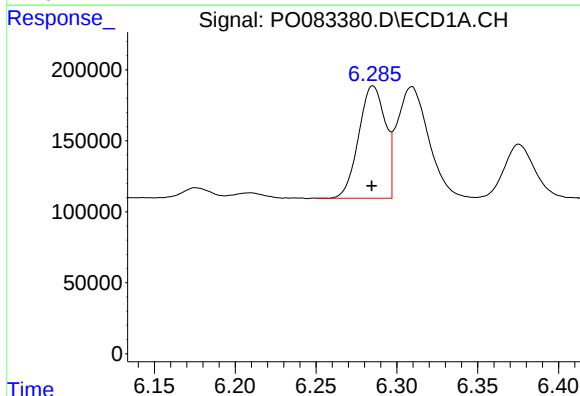
R.T.: 6.582 min  
Delta R.T.: 0.000 min  
Response: 1222888  
Conc: 2176.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



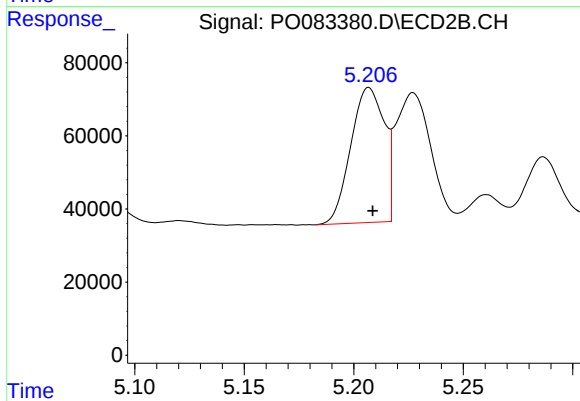
#15 AR-1232-5

R.T.: 5.699 min  
Delta R.T.: -0.002 min  
Response: 647366  
Conc: 1686.09 ng/ml



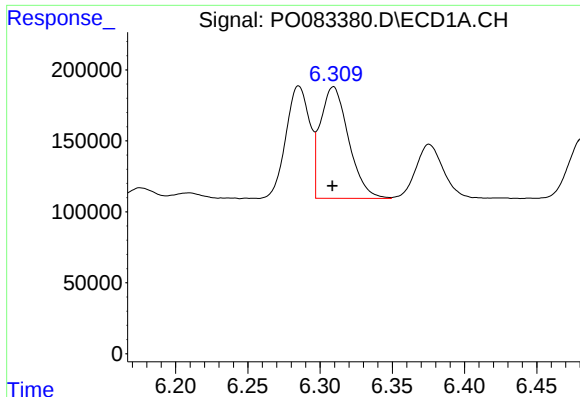
#16 AR-1242-1

R.T.: 6.285 min  
Delta R.T.: 0.000 min  
Response: 906126  
Conc: 423.64 ng/ml



#16 AR-1242-1

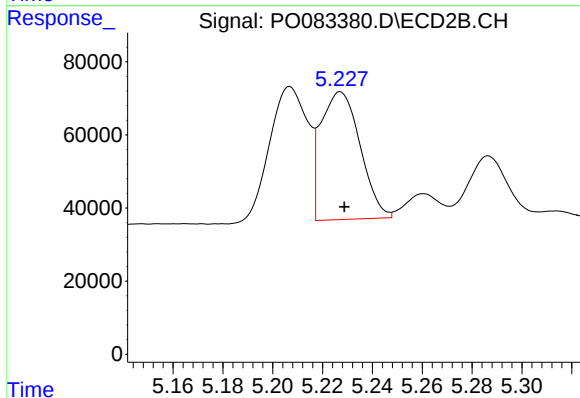
R.T.: 5.207 min  
Delta R.T.: -0.002 min  
Response: 394119  
Conc: 405.51 ng/ml



#17 AR-1242-2

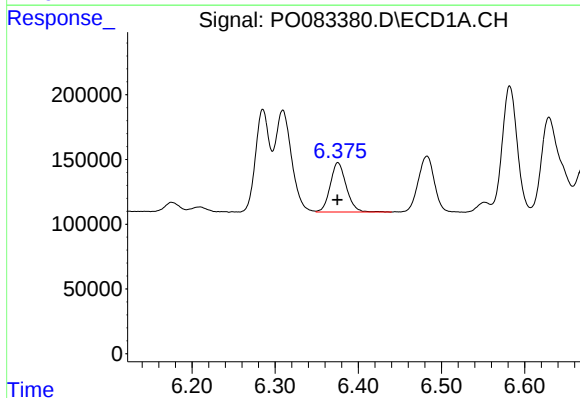
R.T.: 6.309 min  
Delta R.T.: 0.000 min  
Response: 1068151  
Conc: 354.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



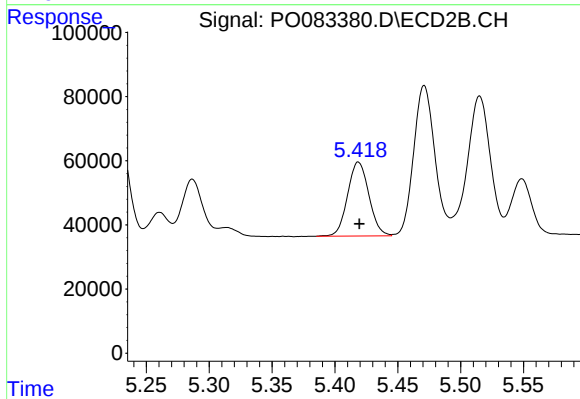
#17 AR-1242-2

R.T.: 5.227 min  
Delta R.T.: -0.002 min  
Response: 383377  
Conc: 292.24 ng/ml



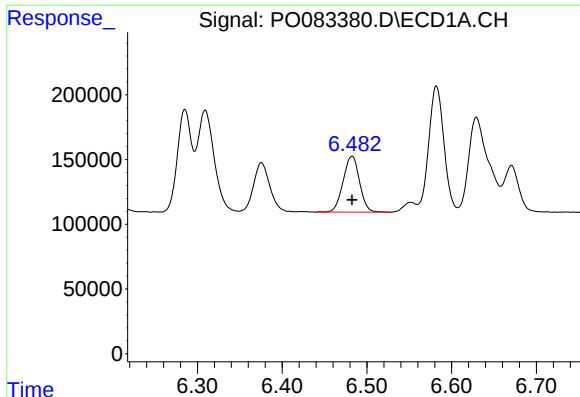
#18 AR-1242-3

R.T.: 6.375 min  
Delta R.T.: 0.000 min  
Response: 510012  
Conc: 273.12 ng/ml



#18 AR-1242-3

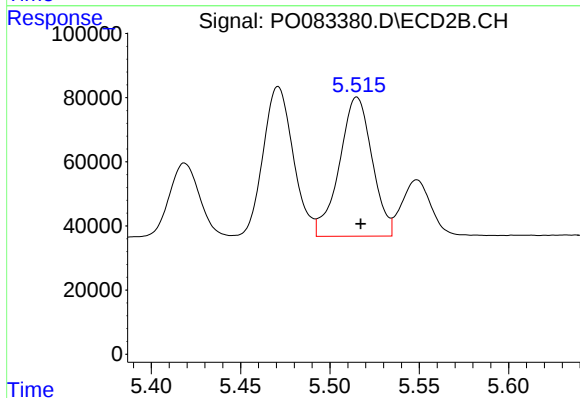
R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 271955  
Conc: 375.40 ng/ml



#19 AR-1242-4

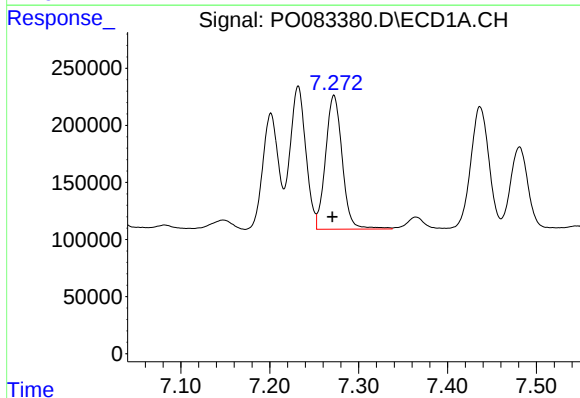
R.T.: 6.483 min  
Delta R.T.: 0.000 min  
Response: 582716  
Conc: 386.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



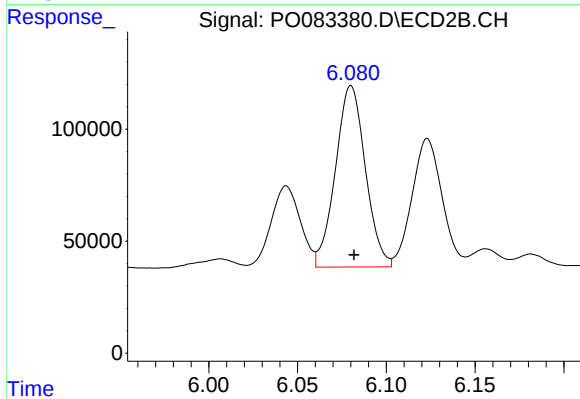
#19 AR-1242-4

R.T.: 5.515 min  
Delta R.T.: -0.002 min  
Response: 553617  
Conc: 804.19 ng/ml



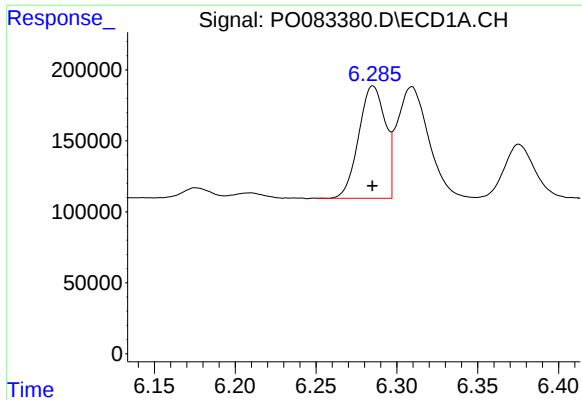
#20 AR-1242-5

R.T.: 7.272 min  
Delta R.T.: 0.002 min  
Response: 1527098  
Conc: 987.13 ng/ml



#20 AR-1242-5

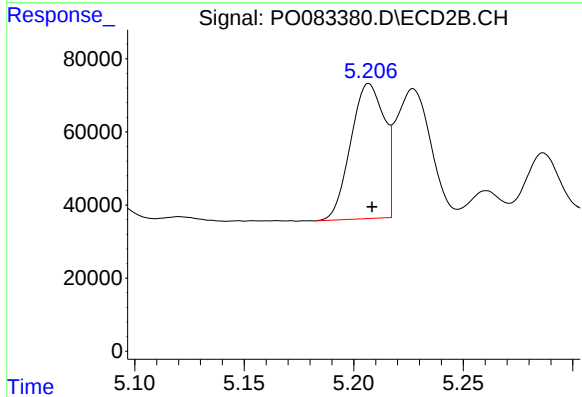
R.T.: 6.080 min  
Delta R.T.: -0.002 min  
Response: 950447  
Conc: 1026.21 ng/ml



#21 AR-1248-1

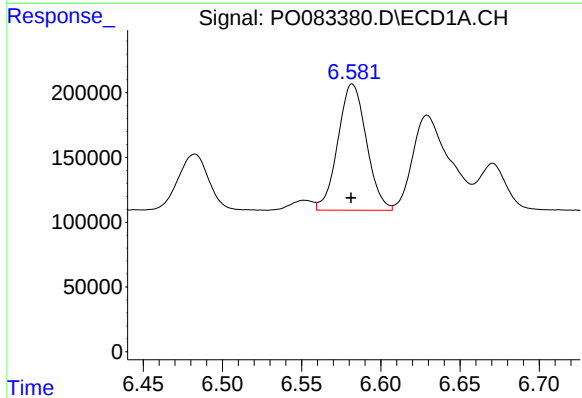
R.T.: 6.285 min  
Delta R.T.: 0.000 min  
Response: 906126  
Conc: 581.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



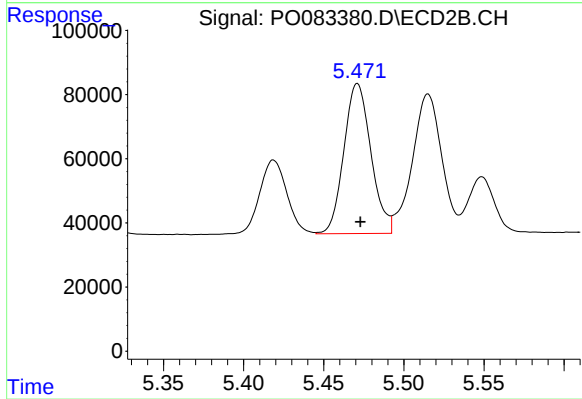
#21 AR-1248-1

R.T.: 5.207 min  
Delta R.T.: -0.001 min  
Response: 394119  
Conc: 552.99 ng/ml



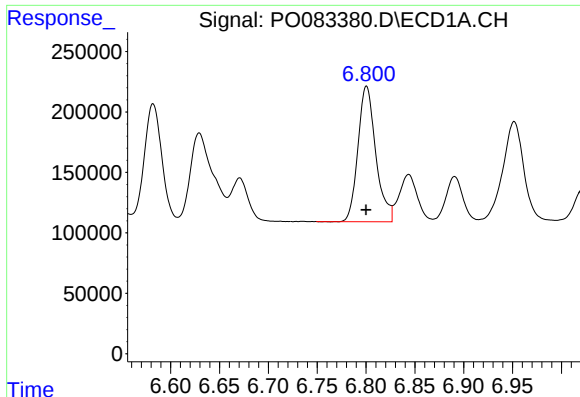
#22 AR-1248-2

R.T.: 6.582 min  
Delta R.T.: 0.000 min  
Response: 1222888  
Conc: 575.55 ng/ml



#22 AR-1248-2

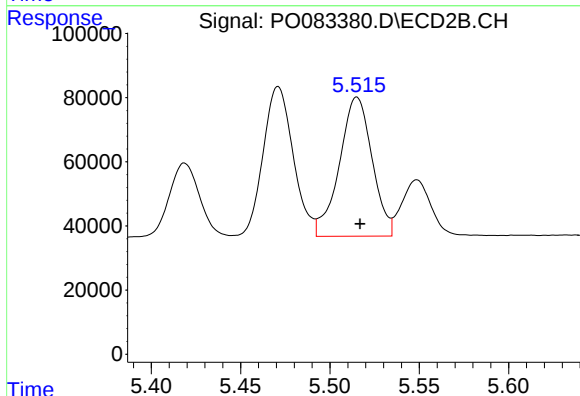
R.T.: 5.471 min  
Delta R.T.: -0.002 min  
Response: 550639  
Conc: 543.58 ng/ml



#23 AR-1248-3

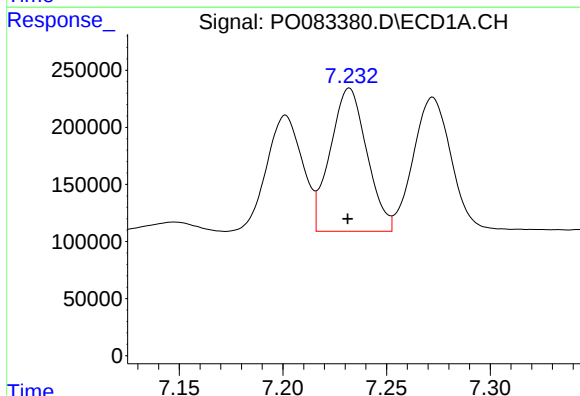
R.T.: 6.801 min  
Delta R.T.: 0.000 min  
Response: 1425863  
Conc: 574.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



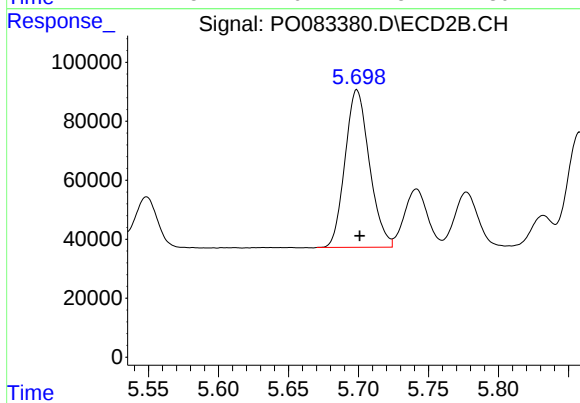
#23 AR-1248-3

R.T.: 5.515 min  
Delta R.T.: -0.002 min  
Response: 553617  
Conc: 558.88 ng/ml



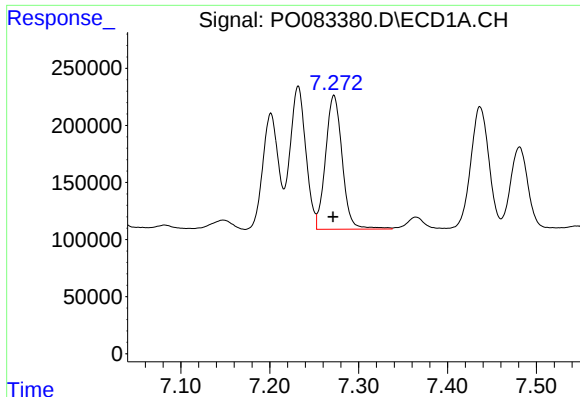
#24 AR-1248-4

R.T.: 7.232 min  
Delta R.T.: 0.000 min  
Response: 1539844  
Conc: 587.74 ng/ml



#24 AR-1248-4

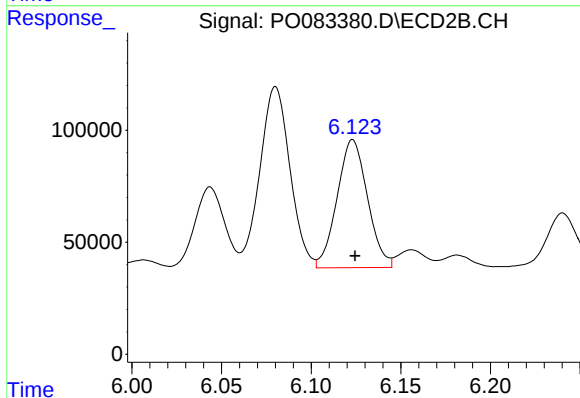
R.T.: 5.699 min  
Delta R.T.: -0.002 min  
Response: 647366  
Conc: 525.28 ng/ml



#25 AR-1248-5

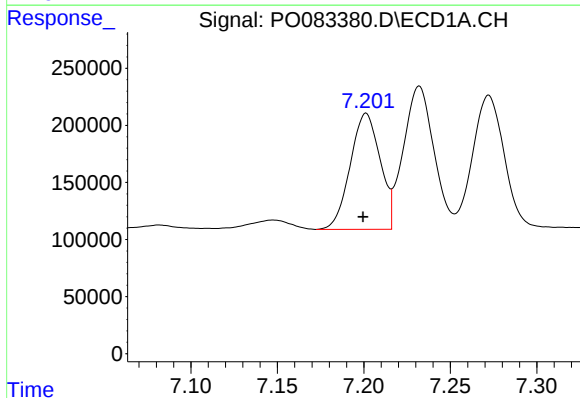
R.T.: 7.272 min  
Delta R.T.: 0.001 min  
Response: 1527098  
Conc: 589.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



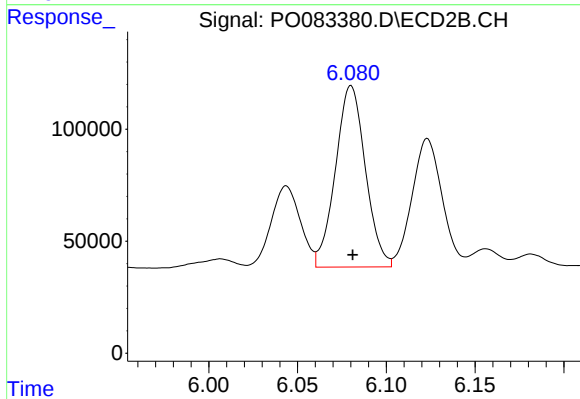
#25 AR-1248-5

R.T.: 6.123 min  
Delta R.T.: -0.001 min  
Response: 673563  
Conc: 545.27 ng/ml



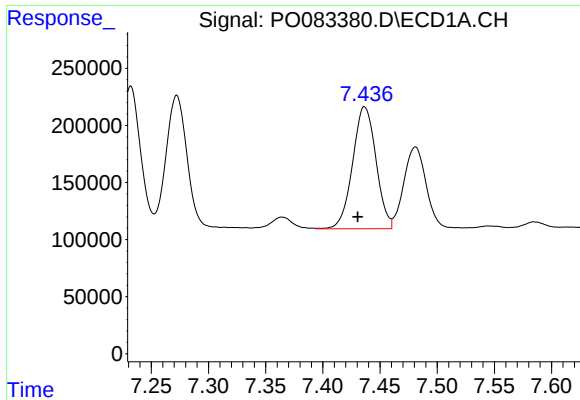
#26 AR-1254-1

R.T.: 7.201 min  
Delta R.T.: 0.002 min  
Response: 1223271  
Conc: 439.56 ng/ml



#26 AR-1254-1

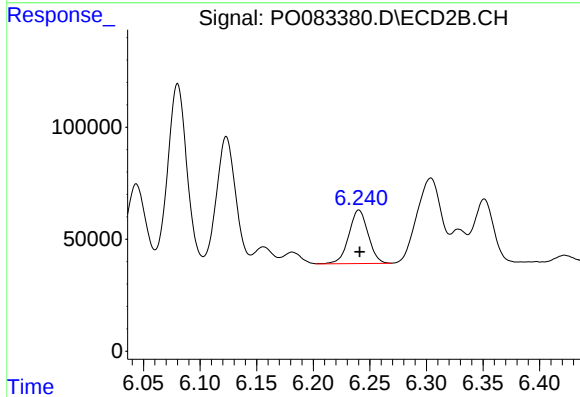
R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 950447  
Conc: 488.80 ng/ml



#27 AR-1254-2

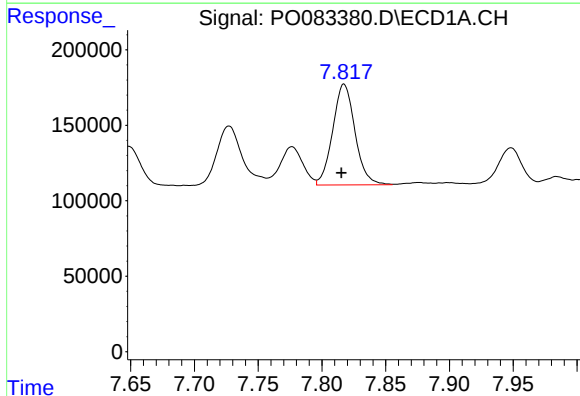
R.T.: 7.436 min  
Delta R.T.: 0.006 min  
Response: 1522451  
Conc: 365.96 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



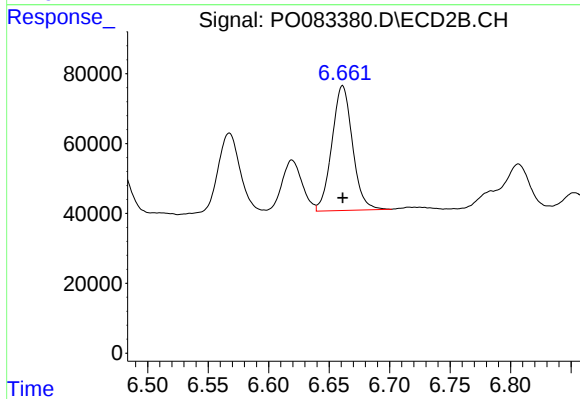
#27 AR-1254-2

R.T.: 6.240 min  
Delta R.T.: 0.000 min  
Response: 282455  
Conc: 167.87 ng/ml



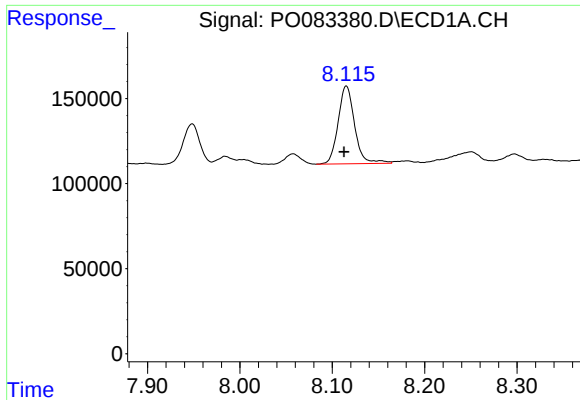
#28 AR-1254-3

R.T.: 7.817 min  
Delta R.T.: 0.002 min  
Response: 813104  
Conc: 189.31 ng/ml



#28 AR-1254-3

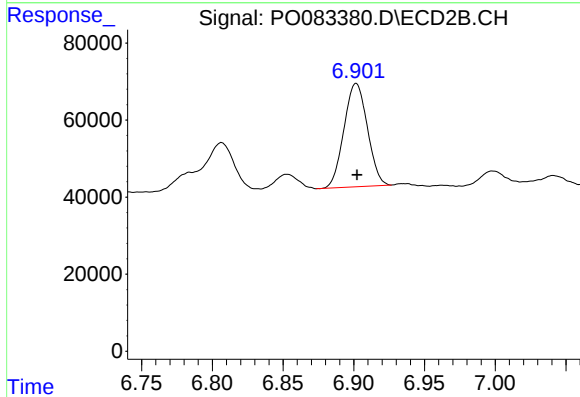
R.T.: 6.661 min  
Delta R.T.: 0.000 min  
Response: 423772  
Conc: 165.76 ng/ml



#29 AR-1254-4

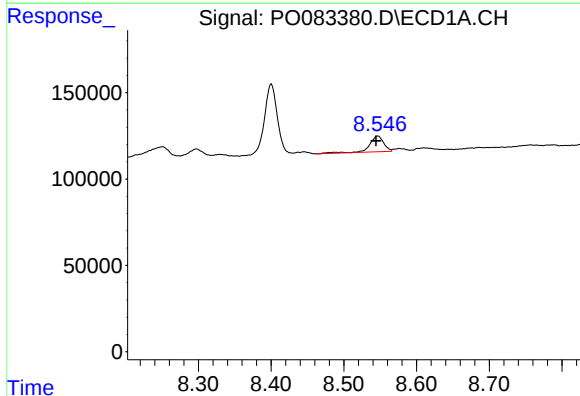
R.T.: 8.115 min  
Delta R.T.: 0.002 min  
Response: 567334  
Conc: 183.42 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



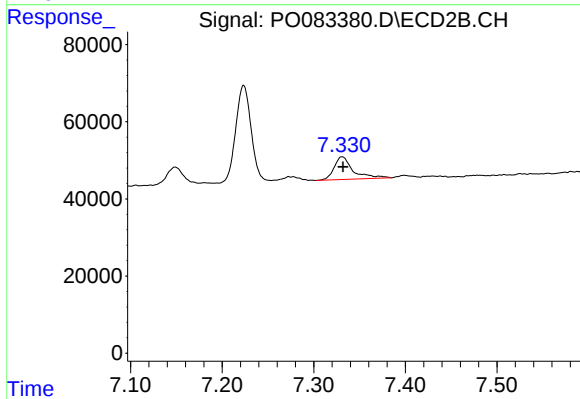
#29 AR-1254-4

R.T.: 6.902 min  
Delta R.T.: 0.000 min  
Response: 308878  
Conc: 169.31 ng/ml



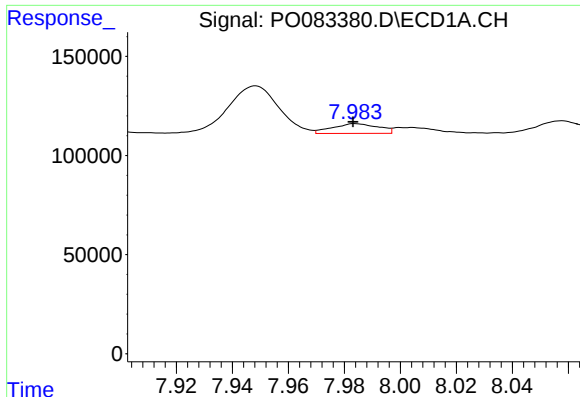
#30 AR-1254-5

R.T.: 8.547 min  
Delta R.T.: 0.002 min  
Response: 124773  
Conc: 38.92 ng/ml



#30 AR-1254-5

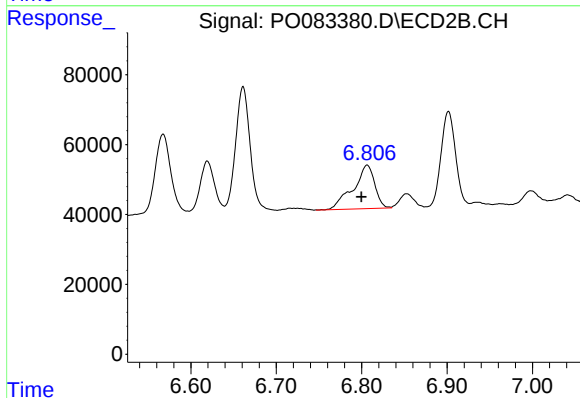
R.T.: 7.331 min  
Delta R.T.: -0.001 min  
Response: 84675  
Conc: 36.39 ng/ml



#31 AR-1260-1

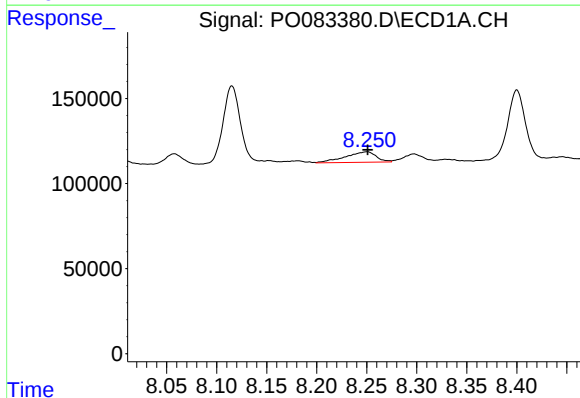
R.T.: 7.984 min  
Delta R.T.: 0.000 min  
Response: 56171  
Conc: 17.68 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



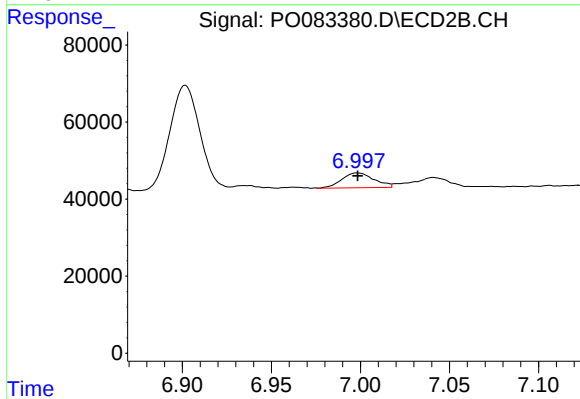
#31 AR-1260-1

R.T.: 6.806 min  
Delta R.T.: 0.007 min  
Response: 219343  
Conc: 120.04 ng/ml



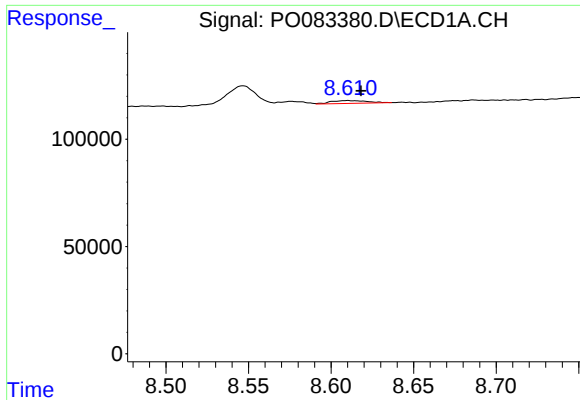
#32 AR-1260-2

R.T.: 8.250 min  
Delta R.T.: 0.000 min  
Response: 133179  
Conc: 35.48 ng/ml



#32 AR-1260-2

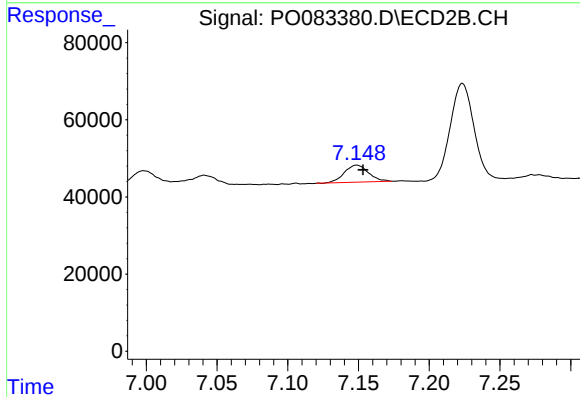
R.T.: 6.998 min  
Delta R.T.: 0.000 min  
Response: 48791  
Conc: 20.36 ng/ml



#33 AR-1260-3

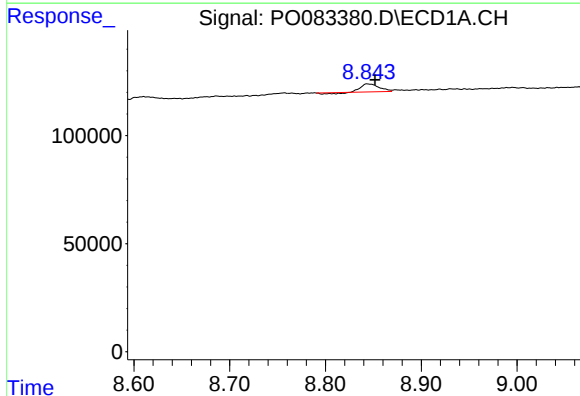
R.T.: 8.610 min  
Delta R.T.: -0.008 min  
Response: 20200  
Conc: 7.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



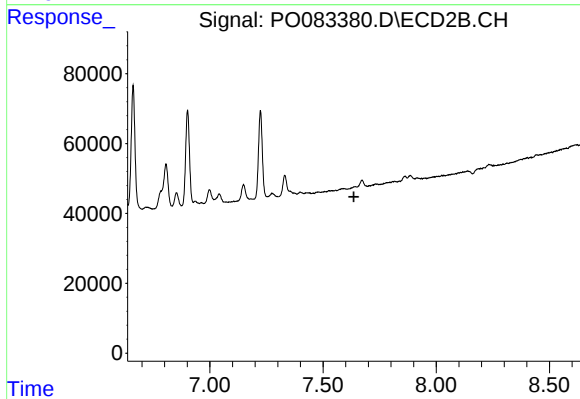
#33 AR-1260-3

R.T.: 7.149 min  
Delta R.T.: -0.004 min  
Response: 52568  
Conc: 25.63 ng/ml



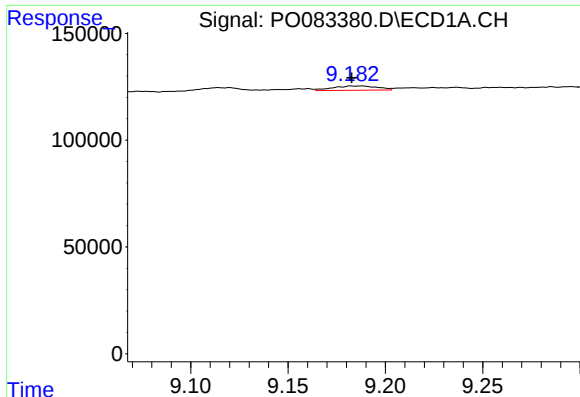
#34 AR-1260-4

R.T.: 8.844 min  
Delta R.T.: -0.008 min  
Response: 43032  
Conc: 13.32 ng/ml



#34 AR-1260-4

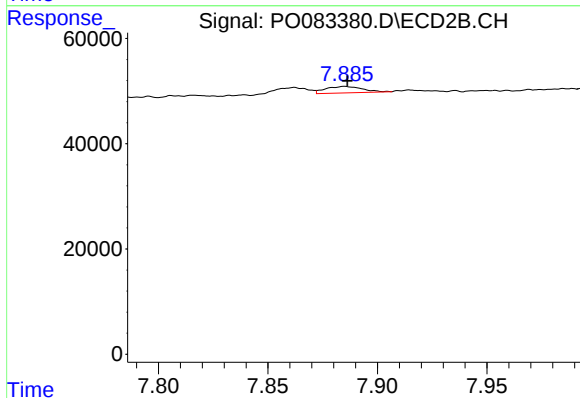
R.T.: 0.000 min  
Exp R.T. : 7.637 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

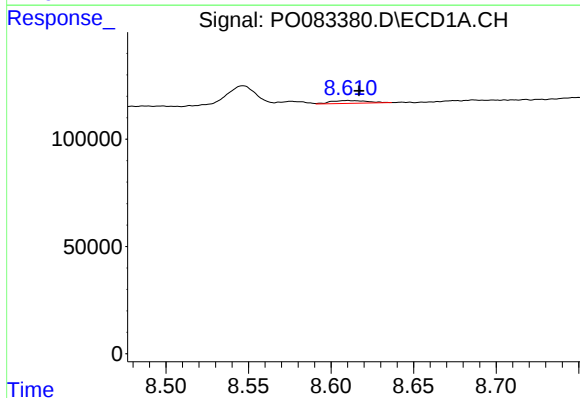
R.T.: 9.188 min  
Delta R.T.: 0.005 min  
Response: 32526  
Conc: 5.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



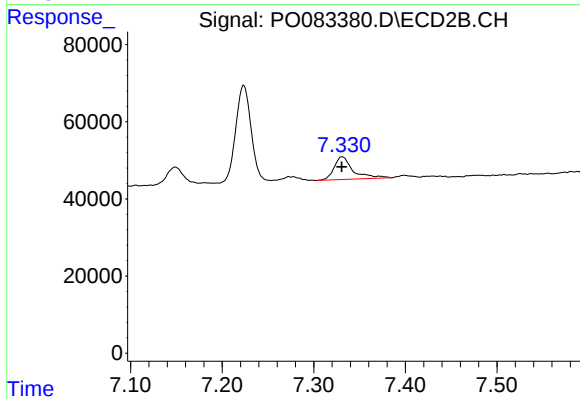
#35 AR-1260-5

R.T.: 7.885 min  
Delta R.T.: -0.001 min  
Response: 14286  
Conc: 3.20 ng/ml



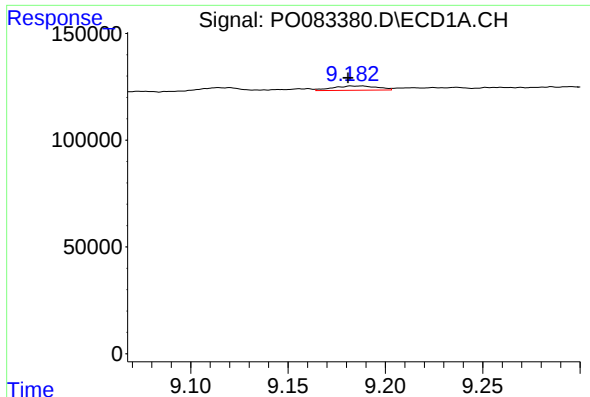
#36 AR-1262-1

R.T.: 8.610 min  
Delta R.T.: -0.007 min  
Response: 20200  
Conc: 5.42 ng/ml



#36 AR-1262-1

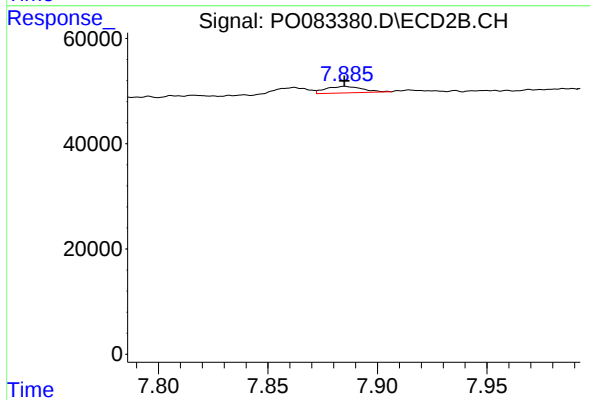
R.T.: 7.331 min  
Delta R.T.: 0.000 min  
Response: 84675  
Conc: 69.50 ng/ml



#37 AR-1262-2

R.T.: 9.188 min  
Delta R.T.: 0.007 min  
Response: 32526  
Conc: 5.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#37 AR-1262-2

R.T.: 7.885 min  
Delta R.T.: 0.000 min  
Response: 14286  
Conc: 3.16 ng/ml