

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121021\  
 Data File : PO083536.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Dec 2021 10:21  
 Operator : AJ\MA  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 11 01:29:59 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO120621.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Dec 07 13:18:47 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... | 4.940  | 3.944  | 5106903 | 1552114 | 53.529   | 49.898    |
| 2)                          | SA Decachlor... | 11.018 | 9.244  | 3588899 | 1375329 | 50.239   | 42.157    |
| Target Compounds            |                 |        |        |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.272  | 5.199  | 1198008 | 482141  | 377.803  | 360.323   |
| 4)                          | L1 AR-1016-2    | 6.296  | 5.219  | 1659406 | 649587  | 372.499  | 354.895   |
| 5)                          | L1 AR-1016-3    | 6.362  | 5.409  | 1014199 | 357453  | 374.726  | 359.664   |
| 6)                          | L1 AR-1016-4    | 6.470  | 5.463  | 811769  | 291850  | 364.200  | 349.167   |
| 7)                          | L1 AR-1016-5    | 6.787  | 5.691  | 797855  | 383974  | 356.548  | 380.464   |
| 8)                          | L2 AR-1221-1    | 5.186  | 4.200  | 138737  | 44678   | 137.964  | 115.223   |
| 9)                          | L2 AR-1221-2    | 5.294  | 4.299  | 186719  | 68333   | 259.230  | 237.365   |
| 10)                         | L2 AR-1221-3    | 5.381  | 4.388  | 677909  | 270974  | 294.971  | 291.741   |
| 11)                         | L3 AR-1232-1    | 5.381  | 4.388  | 677909  | 270974  | 351.887  | 342.796   |
| 12)                         | L3 AR-1232-2    | 5.974  | 5.219  | 915147  | 649587  | 927.668  | 835.954   |
| 13)                         | L3 AR-1232-3    | 6.296  | 5.409  | 1659406 | 357453  | 920.978  | 872.423   |
| 14)                         | L3 AR-1232-4    | 6.470  | 5.507  | 811769  | 350976  | 909.366  | 988.803   |
| 15)                         | L3 AR-1232-5    | 6.568  | 5.691  | 635335  | 383974  | 1016.457 | 1023.674  |
| 16)                         | L4 AR-1242-1    | 6.272  | 5.199  | 1198008 | 482141  | 535.091  | 503.006   |
| 17)                         | L4 AR-1242-2    | 6.296  | 5.219  | 1659406 | 649587  | 527.333  | 497.545   |
| 18)                         | L4 AR-1242-3    | 6.362  | 5.409  | 1014199 | 357453  | 527.557  | 503.946   |
| 19)                         | L4 AR-1242-4    | 6.470  | 5.507  | 811769  | 350976  | 505.268  | 546.335   |
| 20)                         | L4 AR-1242-5    | 7.259  | 6.071  | 737797  | 462156  | 423.115  | 490.767   |
| 21)                         | L5 AR-1248-1    | 6.272  | 5.199  | 1198008 | 482141  | 692.201  | 661.762   |
| 22)                         | L5 AR-1248-2    | 6.568  | 5.463  | 635335  | 291850  | 272.406  | 283.030   |
| 23)                         | L5 AR-1248-3    | 6.787  | 5.507  | 797855  | 350976  | 293.331  | 365.903   |
| 24)                         | L5 AR-1248-4    | 7.219  | 5.691  | 716399  | 383974  | 236.948  | 333.626 # |
| 25)                         | L5 AR-1248-5    | 7.259  | 6.114  | 737797  | 379186  | 257.918  | 291.494   |
| 26)                         | L6 AR-1254-1    | 7.188  | 6.071  | 564792  | 462156  | 176.745  | 233.608 # |
| 27)                         | L6 AR-1254-2    | 7.424  | 6.231  | 644868  | 119256  | 139.884  | 68.751 #  |
| 28)                         | L6 AR-1254-3    | 7.804  | 6.651  | 298427  | 148771  | 59.824   | 57.343    |
| 29)                         | L6 AR-1254-4    | 8.102  | 6.892  | 212528  | 116212  | 59.622   | 61.499    |
| 30)                         | L6 AR-1254-5    | 8.533  | 7.321  | 78319   | 32947   | 21.836   | 13.496 #  |
| 31)                         | L7 AR-1260-1    | 7.971  | 6.797  | 18981   | 96221   | 5.502    | 49.763 #  |
| 32)                         | L7 AR-1260-2    | 8.234  | 7.005f | 101921  | 259111  | 24.419   | 106.022 # |
| 33)                         | L7 AR-1260-3    | 8.591f | 7.138  | 20648   | 21547   | 6.586    | 9.406 #   |
| 34)                         | L7 AR-1260-4    | 8.830  | 0.000  | 32705   | 0       | 9.341    | N.D. #    |
| 36)                         | L8 AR-1262-1    | 8.591f | 7.321  | 20648   | 32947   | 4.970    | 25.806 #  |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.231  | 0       | 10559   | N.D.     | 3.139 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.231  | 0       | 10559   | N.D.     | 2.163 #   |
| 45)                         | L9 AR-1268-5    | 10.681 | 0.000  | 7561    | 0       | 0.319    | N.D. #    |
| -----                       |                 |        |        |         |         |          |           |

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

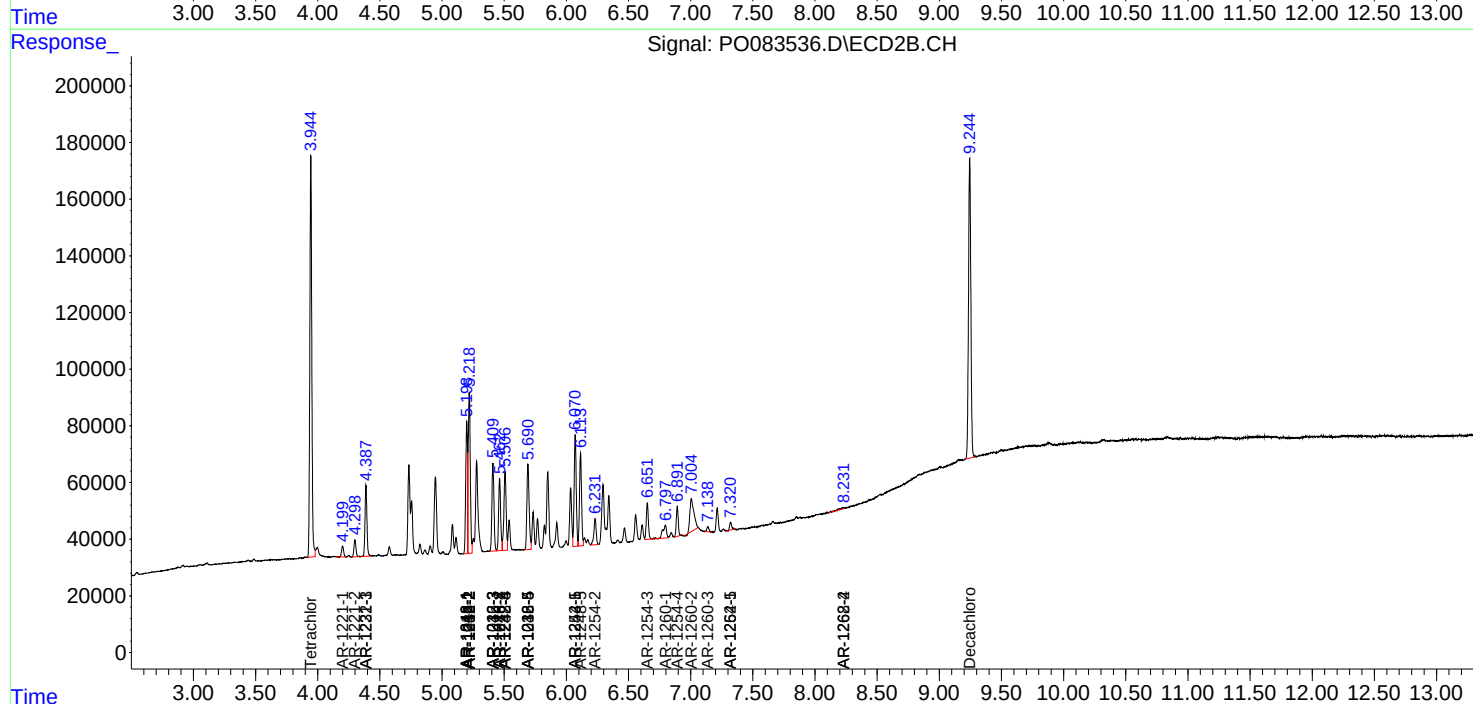
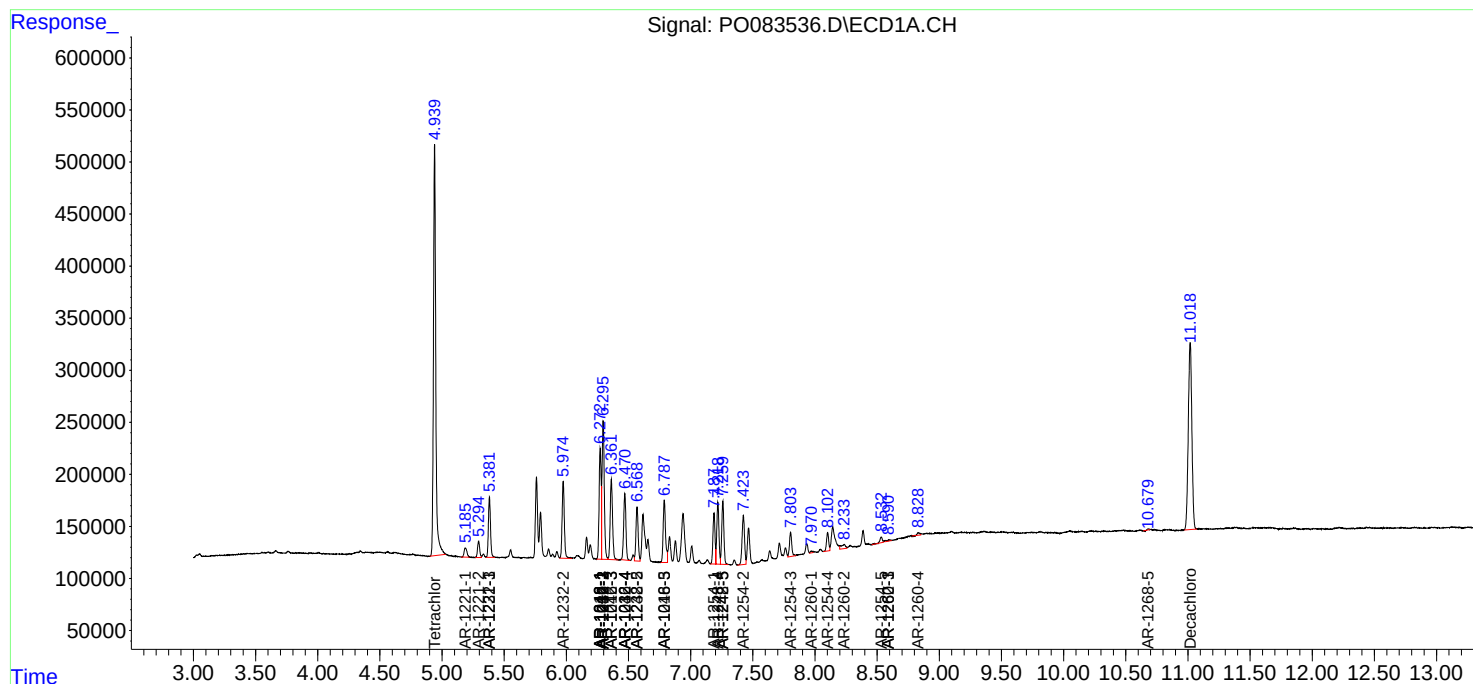
Instrument :  
ECD\_O  
ClientSampleId :

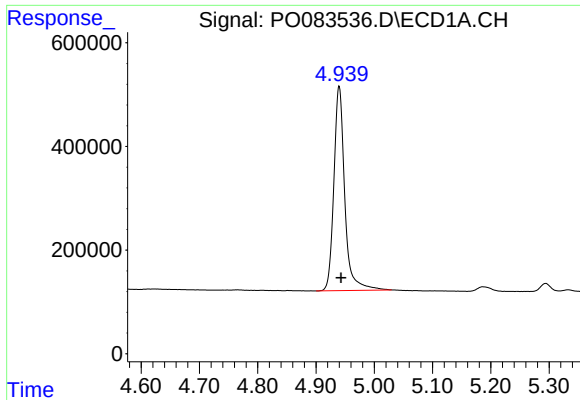
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121021\  
Data File : PO083536.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Dec 2021 10:21  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 11 01:29:59 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO120621.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Dec 07 13:18:47 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

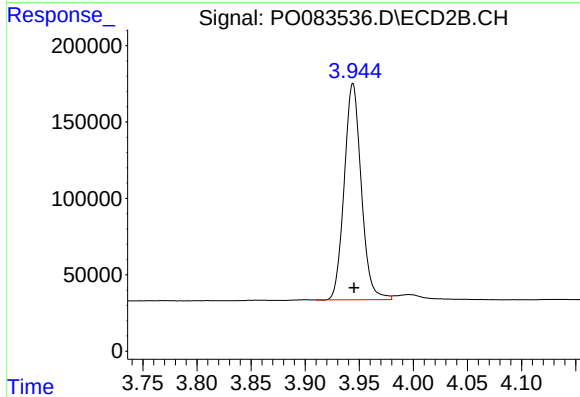




#1 Tetrachloro-m-xylene

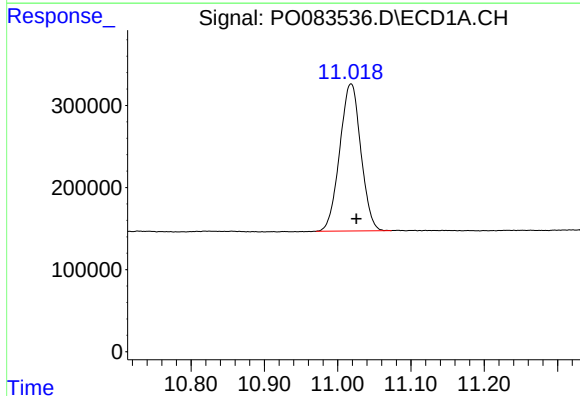
R.T.: 4.940 min  
Delta R.T.: -0.003 min  
Response: 5106903  
Conc: 53.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



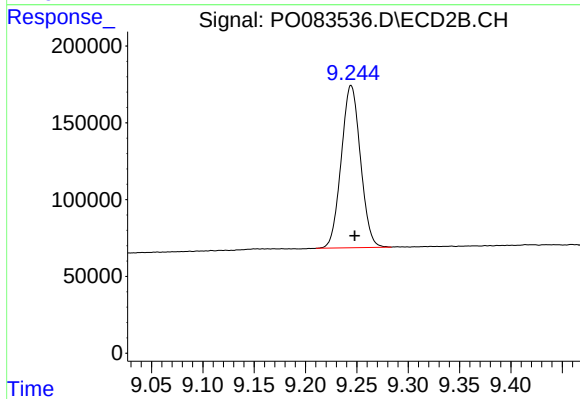
#1 Tetrachloro-m-xylene

R.T.: 3.944 min  
Delta R.T.: -0.001 min  
Response: 1552114  
Conc: 49.90 ng/ml



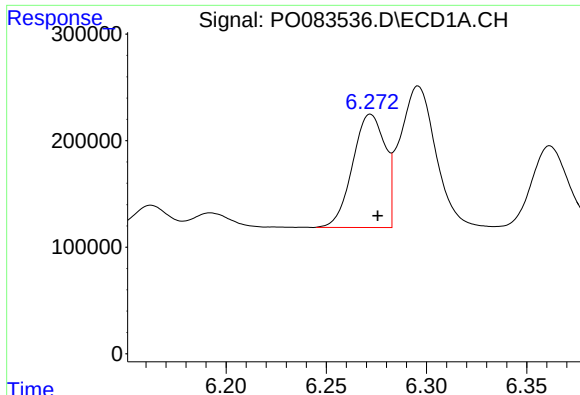
#2 Decachlorobiphenyl

R.T.: 11.018 min  
Delta R.T.: -0.007 min  
Response: 3588899  
Conc: 50.24 ng/ml



#2 Decachlorobiphenyl

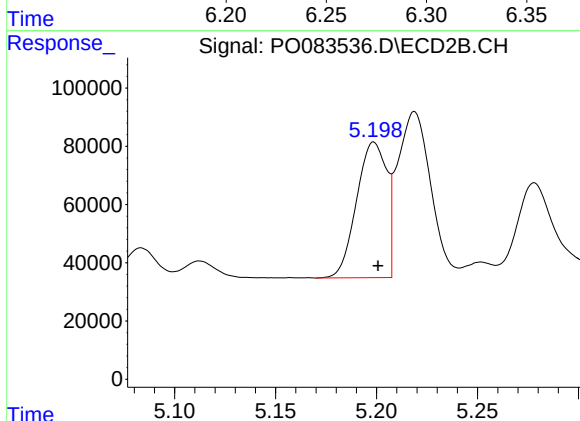
R.T.: 9.244 min  
Delta R.T.: -0.003 min  
Response: 1375329  
Conc: 42.16 ng/ml



#3 AR-1016-1

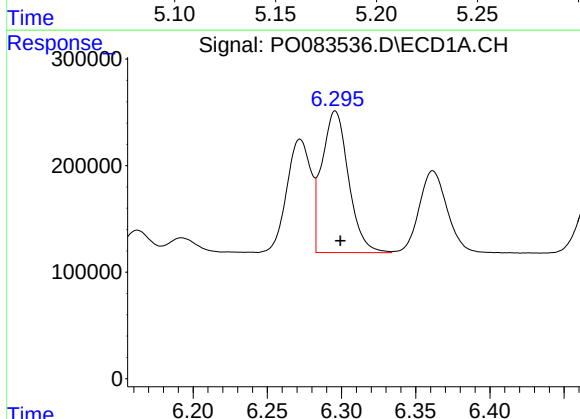
R.T.: 6.272 min  
Delta R.T.: -0.004 min  
Response: 1198008  
Conc: 377.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



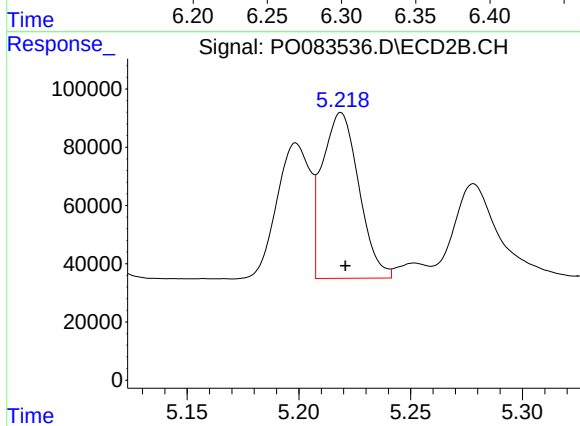
#3 AR-1016-1

R.T.: 5.199 min  
Delta R.T.: -0.002 min  
Response: 482141  
Conc: 360.32 ng/ml



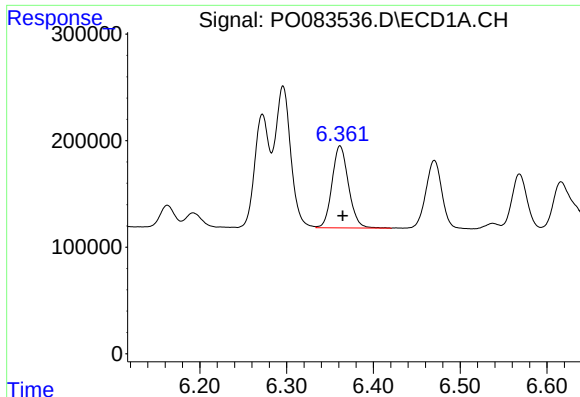
#4 AR-1016-2

R.T.: 6.296 min  
Delta R.T.: -0.003 min  
Response: 1659406  
Conc: 372.50 ng/ml



#4 AR-1016-2

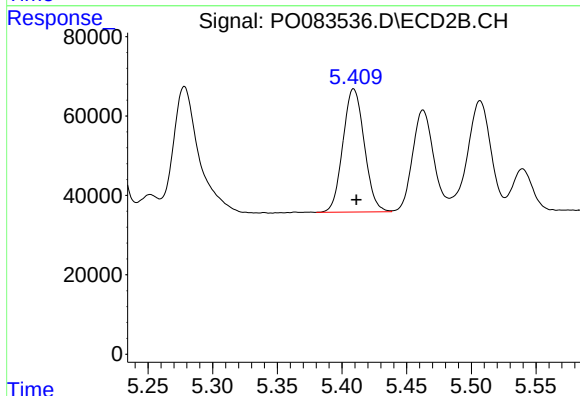
R.T.: 5.219 min  
Delta R.T.: -0.002 min  
Response: 649587  
Conc: 354.90 ng/ml



#5 AR-1016-3

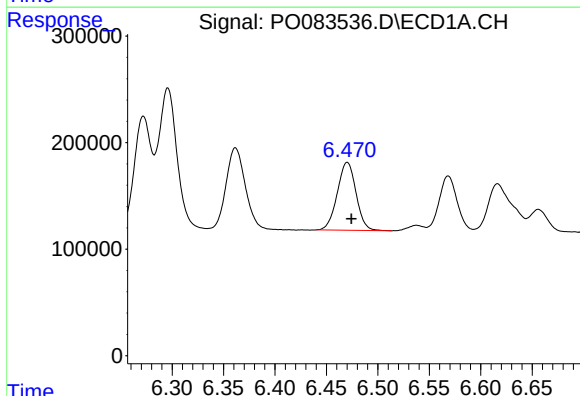
R.T.: 6.362 min  
Delta R.T.: -0.003 min  
Response: 1014199  
Conc: 374.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



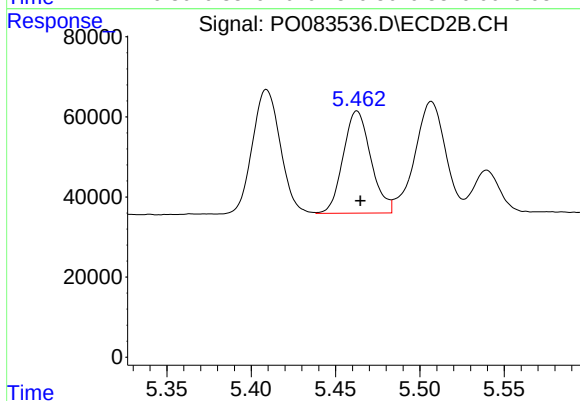
#5 AR-1016-3

R.T.: 5.409 min  
Delta R.T.: -0.002 min  
Response: 357453  
Conc: 359.66 ng/ml



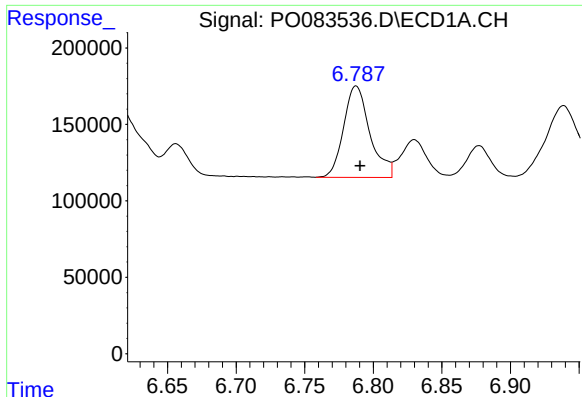
#6 AR-1016-4

R.T.: 6.470 min  
Delta R.T.: -0.004 min  
Response: 811769  
Conc: 364.20 ng/ml



#6 AR-1016-4

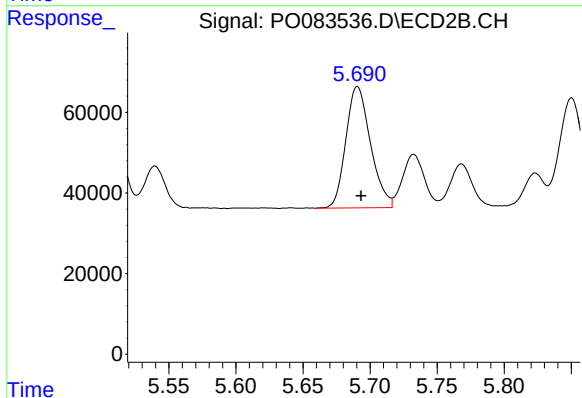
R.T.: 5.463 min  
Delta R.T.: -0.002 min  
Response: 291850  
Conc: 349.17 ng/ml



#7 AR-1016-5

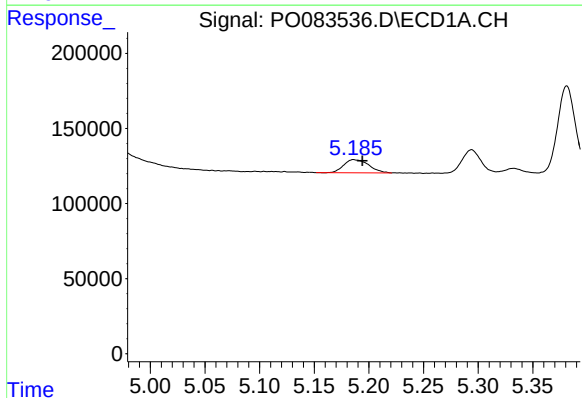
R.T.: 6.787 min  
Delta R.T.: -0.003 min  
Response: 797855  
Conc: 356.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



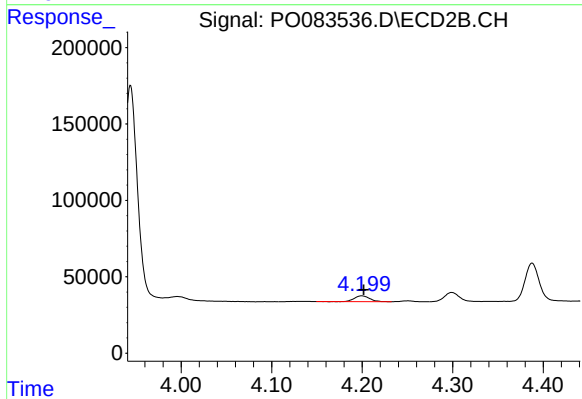
#7 AR-1016-5

R.T.: 5.691 min  
Delta R.T.: -0.003 min  
Response: 383974  
Conc: 380.46 ng/ml



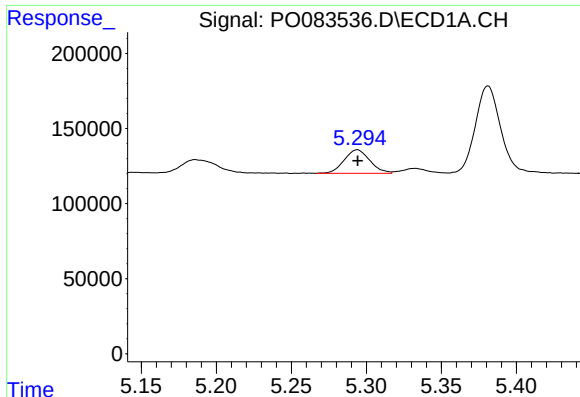
#8 AR-1221-1

R.T.: 5.186 min  
Delta R.T.: -0.008 min  
Response: 138737  
Conc: 137.96 ng/ml



#8 AR-1221-1

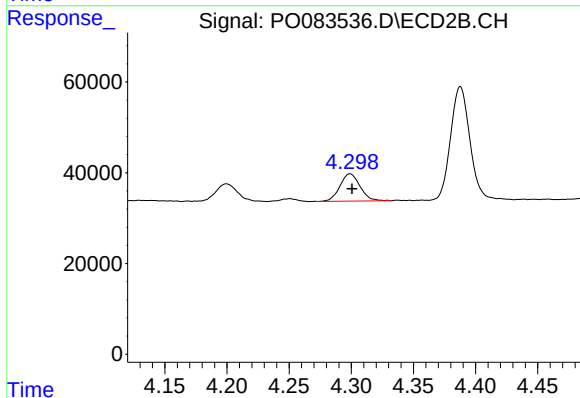
R.T.: 4.200 min  
Delta R.T.: -0.002 min  
Response: 44678  
Conc: 115.22 ng/ml



#9 AR-1221-2

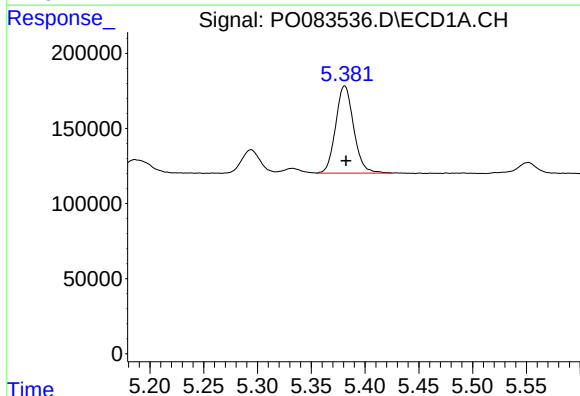
R.T.: 5.294 min  
Delta R.T.: 0.000 min  
Response: 186719  
Conc: 259.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



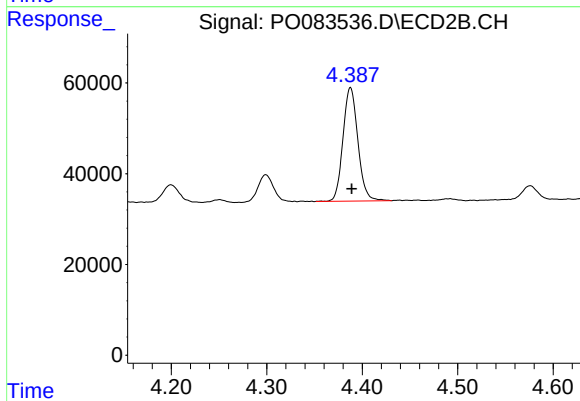
#9 AR-1221-2

R.T.: 4.299 min  
Delta R.T.: -0.002 min  
Response: 68333  
Conc: 237.36 ng/ml



#10 AR-1221-3

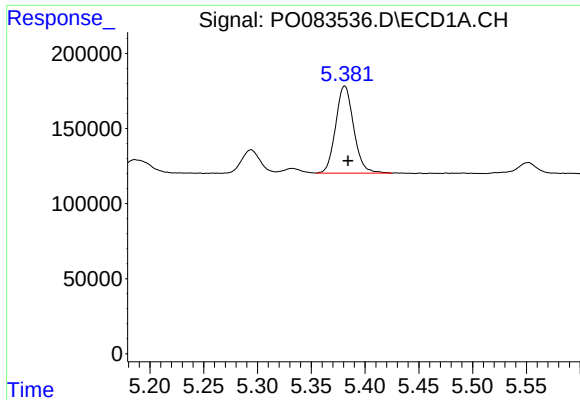
R.T.: 5.381 min  
Delta R.T.: -0.001 min  
Response: 677909  
Conc: 294.97 ng/ml



#10 AR-1221-3

R.T.: 4.388 min  
Delta R.T.: -0.001 min  
Response: 270974  
Conc: 291.74 ng/ml

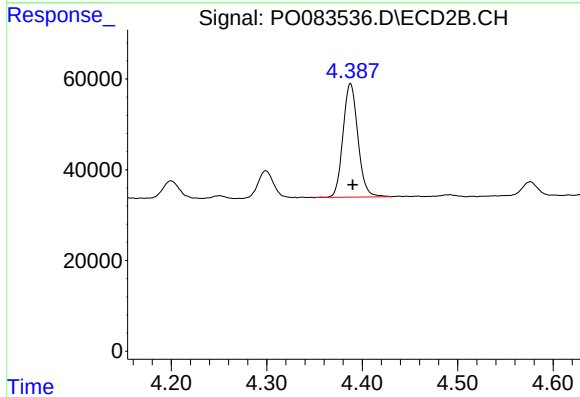




#11 AR-1232-1

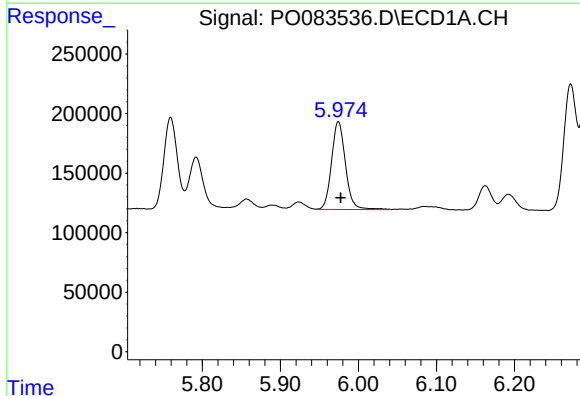
R.T.: 5.381 min  
Delta R.T.: -0.003 min  
Response: 677909  
Conc: 351.89 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



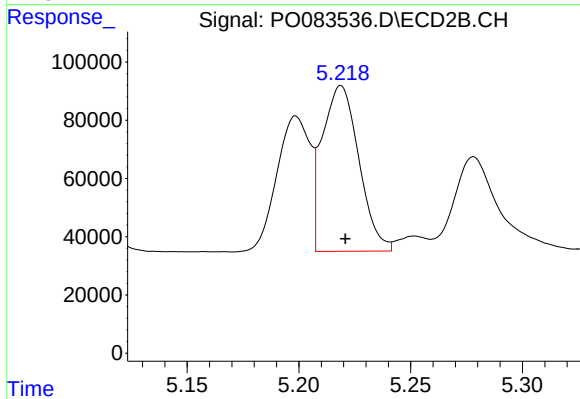
#11 AR-1232-1

R.T.: 4.388 min  
Delta R.T.: -0.002 min  
Response: 270974  
Conc: 342.80 ng/ml



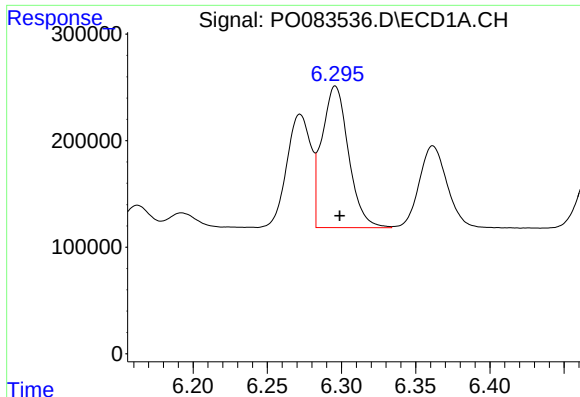
#12 AR-1232-2

R.T.: 5.974 min  
Delta R.T.: -0.003 min  
Response: 915147  
Conc: 927.67 ng/ml



#12 AR-1232-2

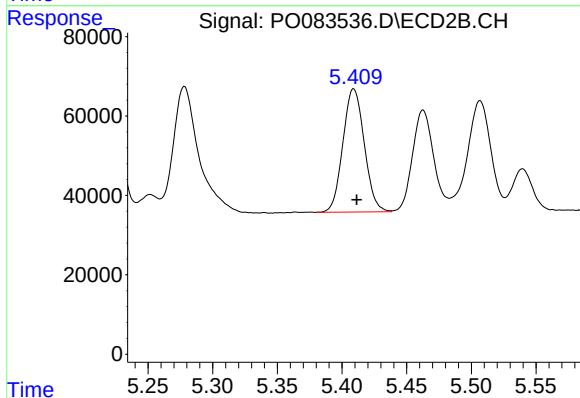
R.T.: 5.219 min  
Delta R.T.: -0.002 min  
Response: 649587  
Conc: 835.95 ng/ml



#13 AR-1232-3

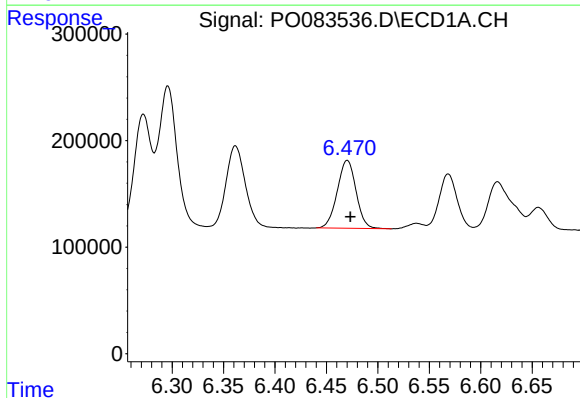
R.T.: 6.296 min  
Delta R.T.: -0.003 min  
Response: 1659406  
Conc: 920.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



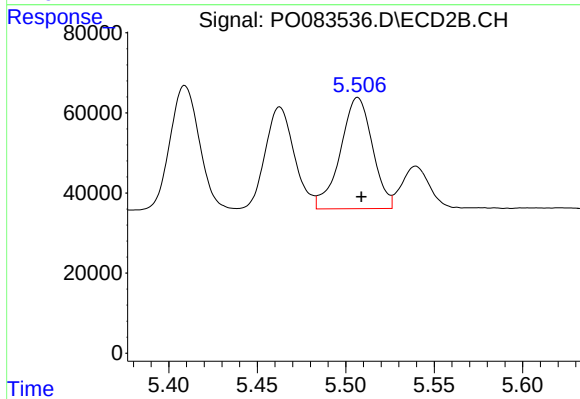
#13 AR-1232-3

R.T.: 5.409 min  
Delta R.T.: -0.002 min  
Response: 357453  
Conc: 872.42 ng/ml



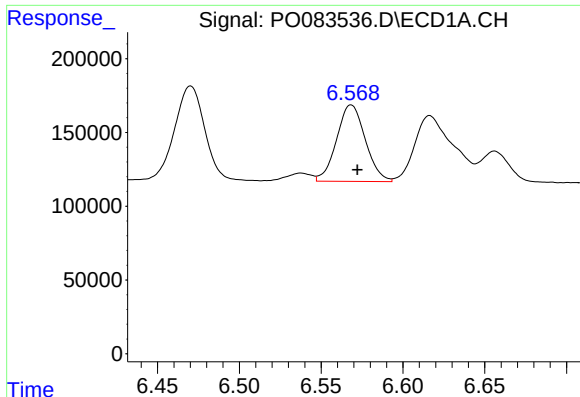
#14 AR-1232-4

R.T.: 6.470 min  
Delta R.T.: -0.003 min  
Response: 811769  
Conc: 909.37 ng/ml



#14 AR-1232-4

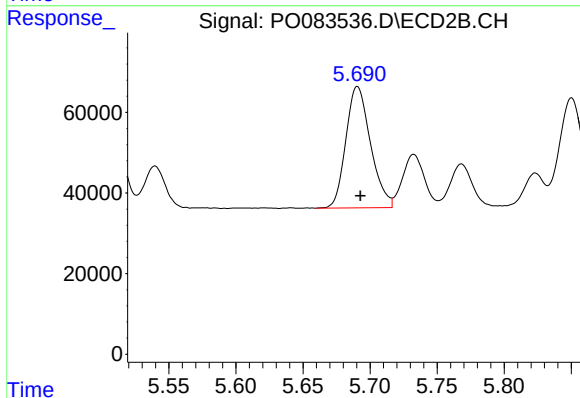
R.T.: 5.507 min  
Delta R.T.: -0.002 min  
Response: 350976  
Conc: 988.80 ng/ml



#15 AR-1232-5

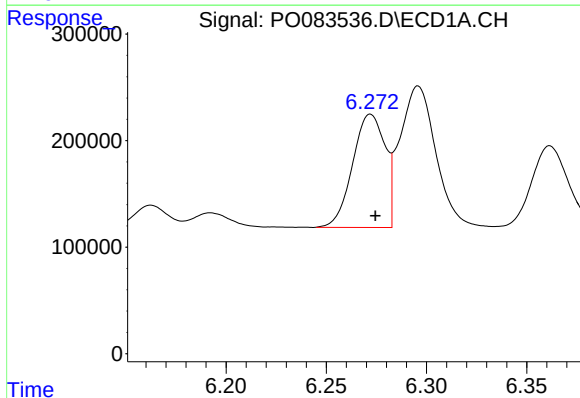
R.T.: 6.568 min  
Delta R.T.: -0.004 min  
Response: 635335  
Conc: 1016.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



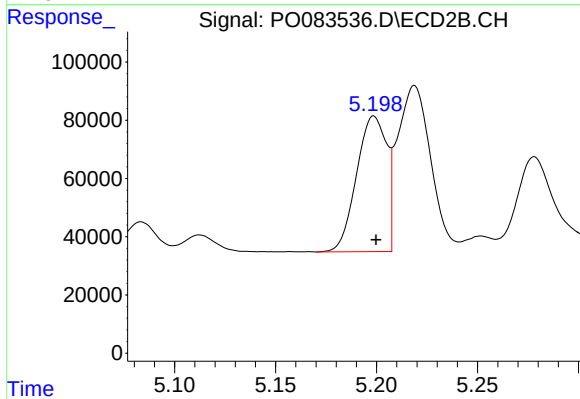
#15 AR-1232-5

R.T.: 5.691 min  
Delta R.T.: -0.002 min  
Response: 383974  
Conc: 1023.67 ng/ml



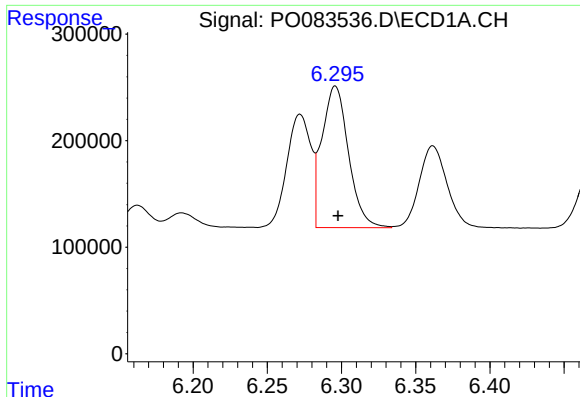
#16 AR-1242-1

R.T.: 6.272 min  
Delta R.T.: -0.002 min  
Response: 1198008  
Conc: 535.09 ng/ml



#16 AR-1242-1

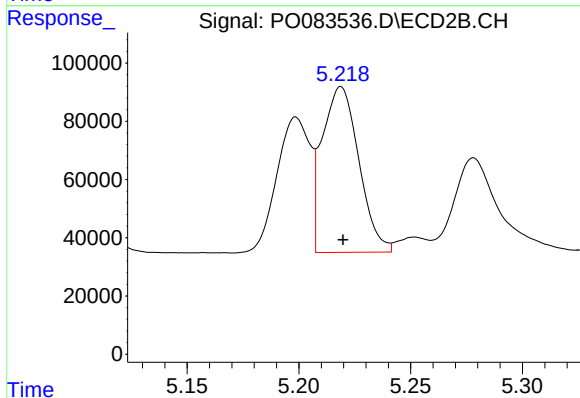
R.T.: 5.199 min  
Delta R.T.: -0.001 min  
Response: 482141  
Conc: 503.01 ng/ml



#17 AR-1242-2

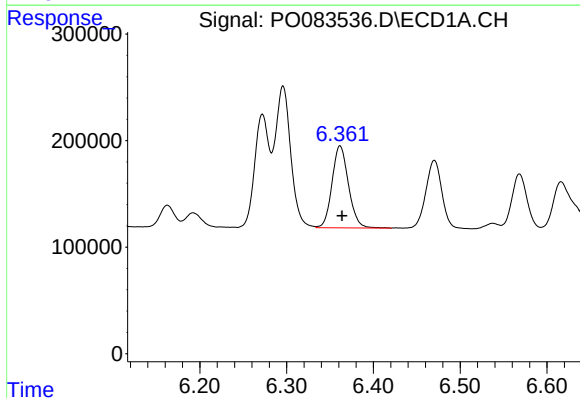
R.T.: 6.296 min  
Delta R.T.: -0.002 min  
Response: 1659406  
Conc: 527.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



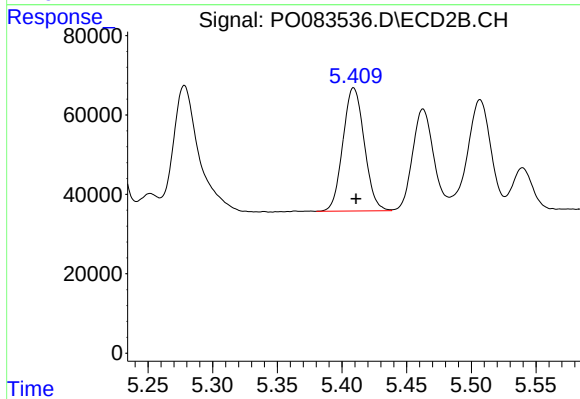
#17 AR-1242-2

R.T.: 5.219 min  
Delta R.T.: 0.000 min  
Response: 649587  
Conc: 497.54 ng/ml



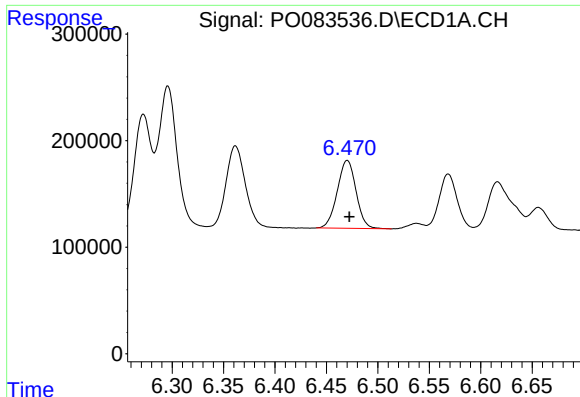
#18 AR-1242-3

R.T.: 6.362 min  
Delta R.T.: -0.002 min  
Response: 1014199  
Conc: 527.56 ng/ml



#18 AR-1242-3

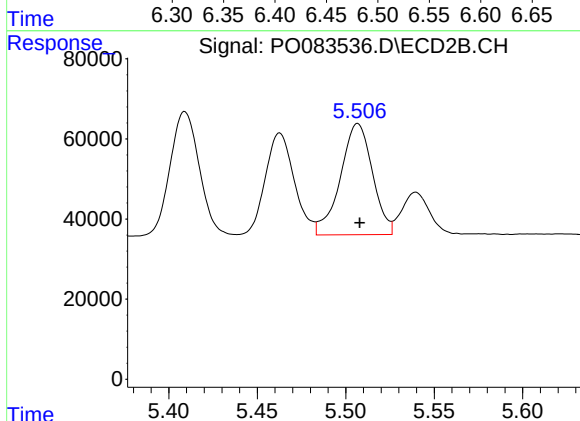
R.T.: 5.409 min  
Delta R.T.: -0.002 min  
Response: 357453  
Conc: 503.95 ng/ml



#19 AR-1242-4

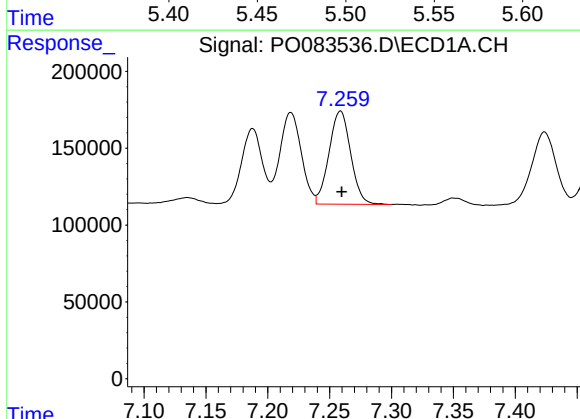
R.T.: 6.470 min  
Delta R.T.: -0.002 min  
Response: 811769  
Conc: 505.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



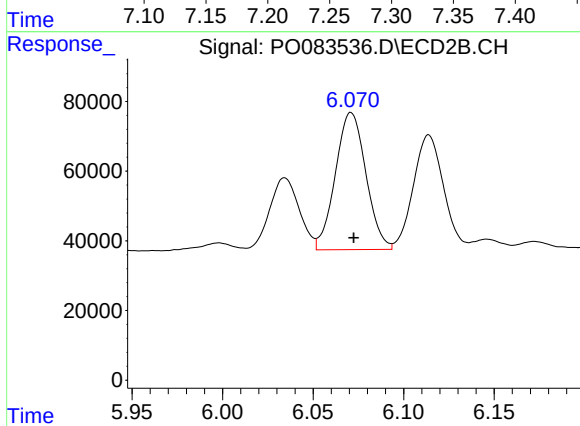
#19 AR-1242-4

R.T.: 5.507 min  
Delta R.T.: -0.001 min  
Response: 350976  
Conc: 546.34 ng/ml



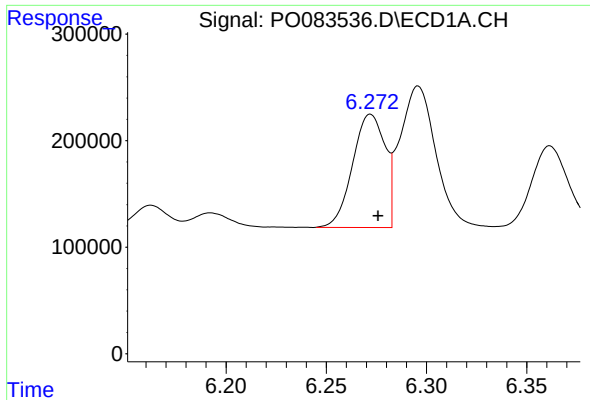
#20 AR-1242-5

R.T.: 7.259 min  
Delta R.T.: 0.000 min  
Response: 737797  
Conc: 423.11 ng/ml



#20 AR-1242-5

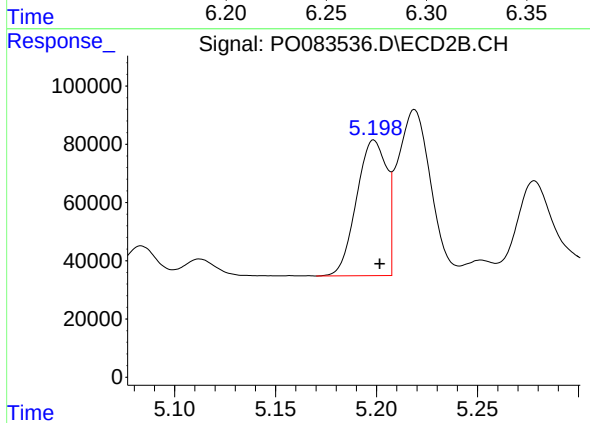
R.T.: 6.071 min  
Delta R.T.: -0.002 min  
Response: 462156  
Conc: 490.77 ng/ml



#21 AR-1248-1

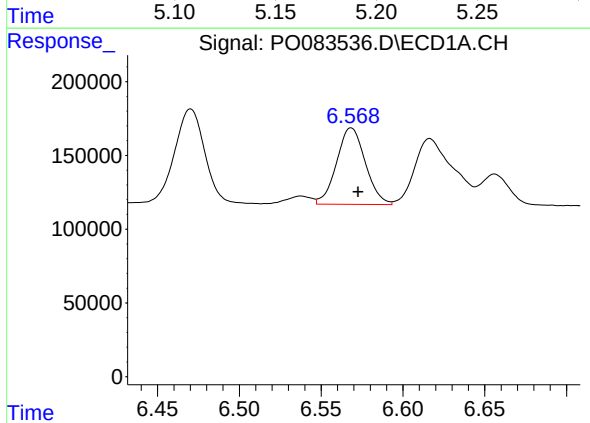
R.T.: 6.272 min  
Delta R.T.: -0.004 min  
Response: 1198008  
Conc: 692.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



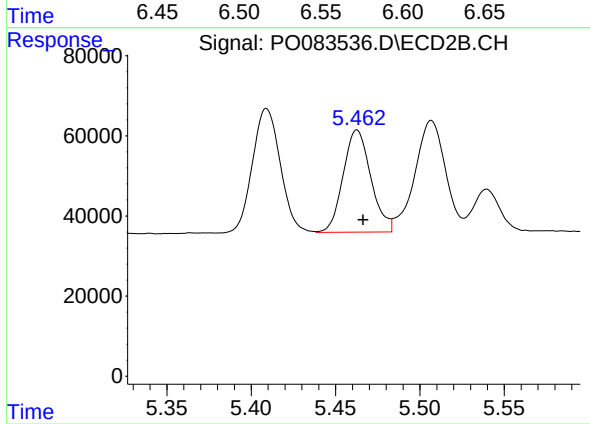
#21 AR-1248-1

R.T.: 5.199 min  
Delta R.T.: -0.003 min  
Response: 482141  
Conc: 661.76 ng/ml



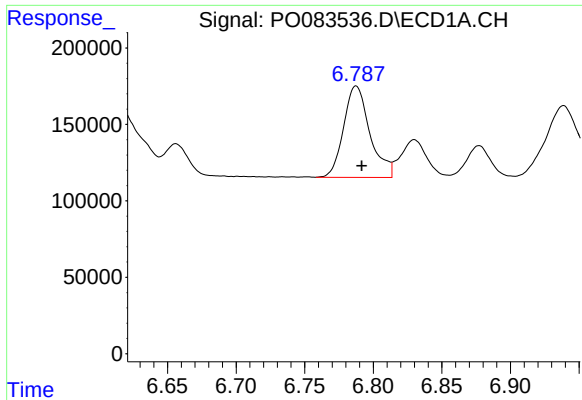
#22 AR-1248-2

R.T.: 6.568 min  
Delta R.T.: -0.004 min  
Response: 635335  
Conc: 272.41 ng/ml



#22 AR-1248-2

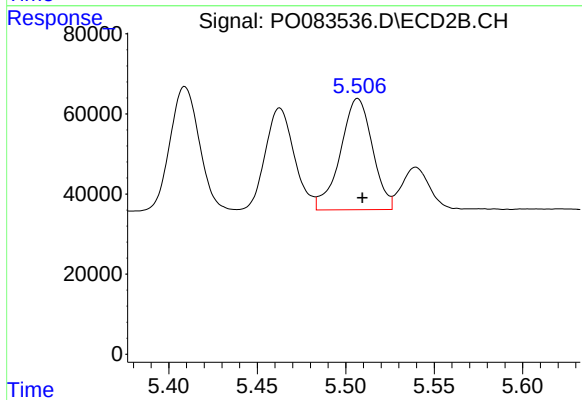
R.T.: 5.463 min  
Delta R.T.: -0.004 min  
Response: 291850  
Conc: 283.03 ng/ml



#23 AR-1248-3

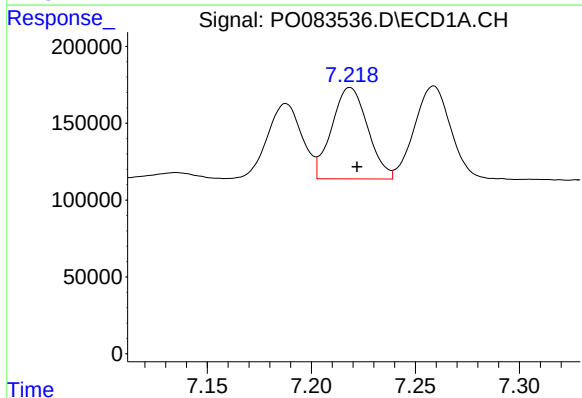
R.T.: 6.787 min  
Delta R.T.: -0.004 min  
Response: 797855  
Conc: 293.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



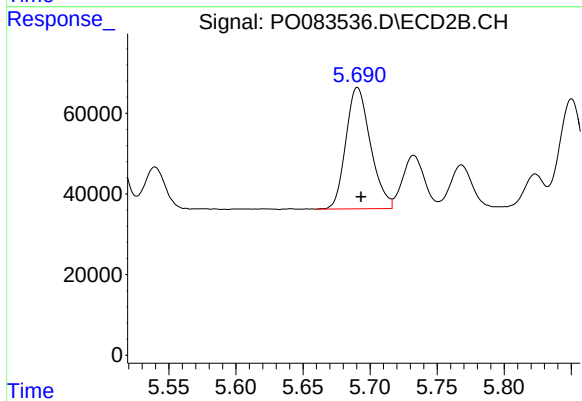
#23 AR-1248-3

R.T.: 5.507 min  
Delta R.T.: -0.003 min  
Response: 350976  
Conc: 365.90 ng/ml



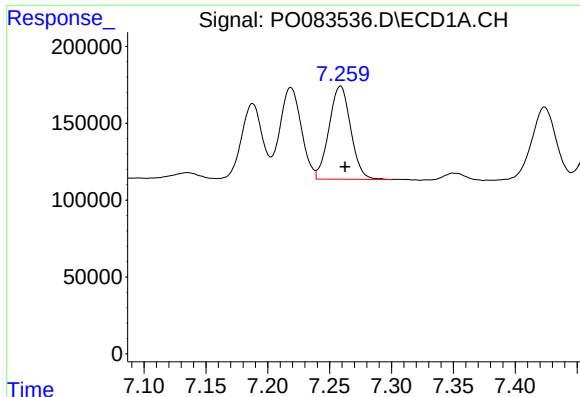
#24 AR-1248-4

R.T.: 7.219 min  
Delta R.T.: -0.003 min  
Response: 716399  
Conc: 236.95 ng/ml



#24 AR-1248-4

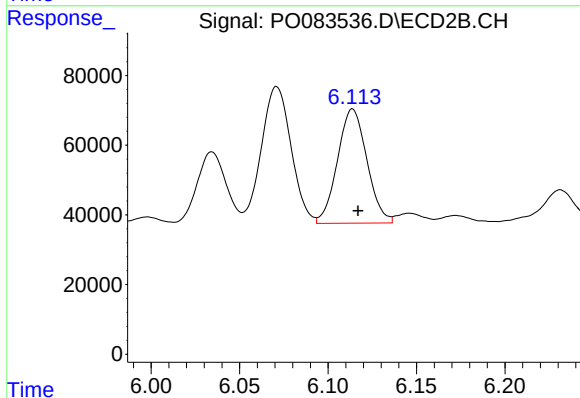
R.T.: 5.691 min  
Delta R.T.: -0.003 min  
Response: 383974  
Conc: 333.63 ng/ml



#25 AR-1248-5

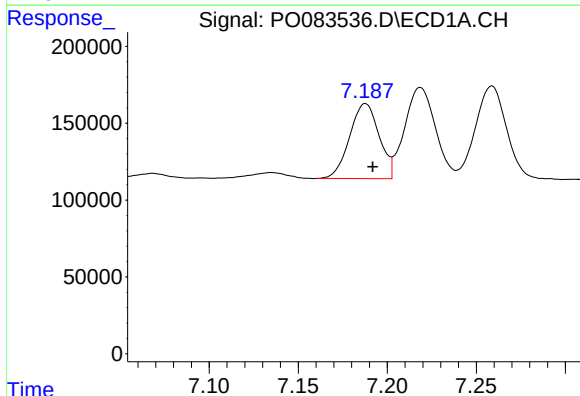
R.T.: 7.259 min  
Delta R.T.: -0.004 min  
Response: 737797  
Conc: 257.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



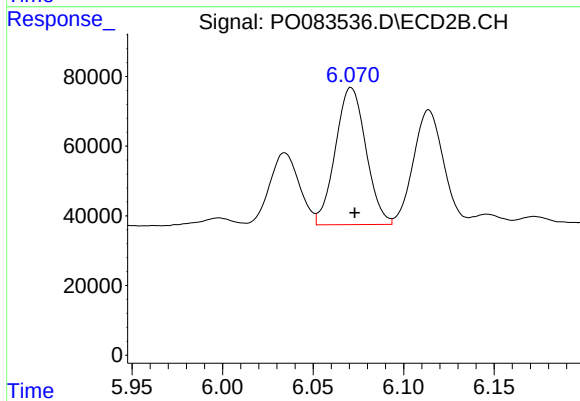
#25 AR-1248-5

R.T.: 6.114 min  
Delta R.T.: -0.003 min  
Response: 379186  
Conc: 291.49 ng/ml



#26 AR-1254-1

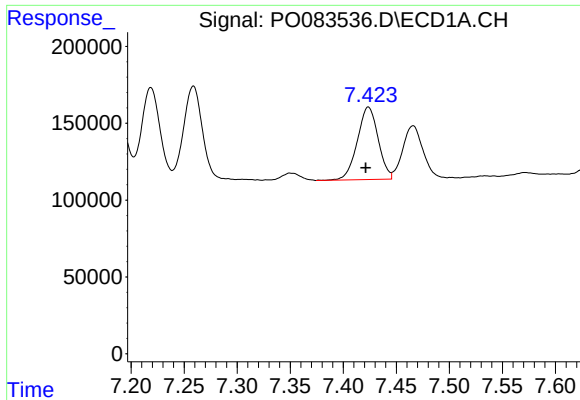
R.T.: 7.188 min  
Delta R.T.: -0.004 min  
Response: 564792  
Conc: 176.74 ng/ml



#26 AR-1254-1

R.T.: 6.071 min  
Delta R.T.: -0.002 min  
Response: 462156  
Conc: 233.61 ng/ml

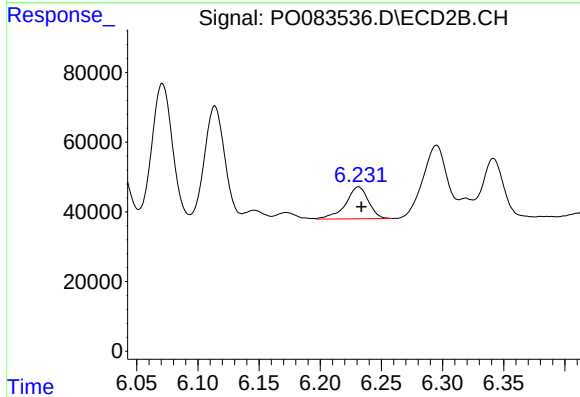




#27 AR-1254-2

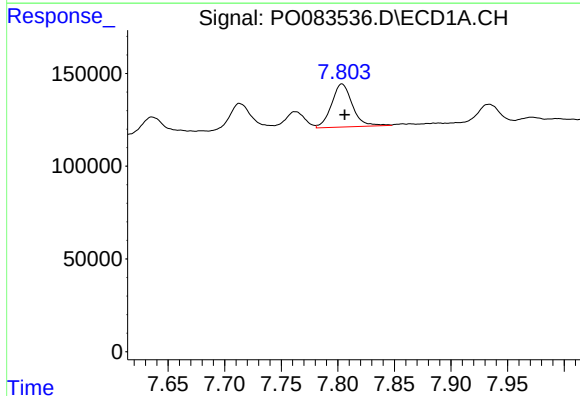
R.T.: 7.424 min  
Delta R.T.: 0.002 min  
Response: 644868  
Conc: 139.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



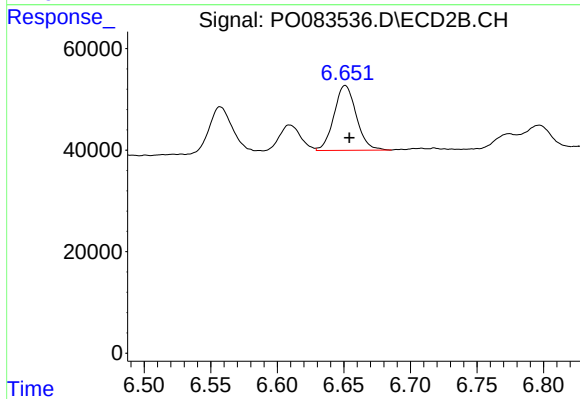
#27 AR-1254-2

R.T.: 6.231 min  
Delta R.T.: -0.002 min  
Response: 119256  
Conc: 68.75 ng/ml



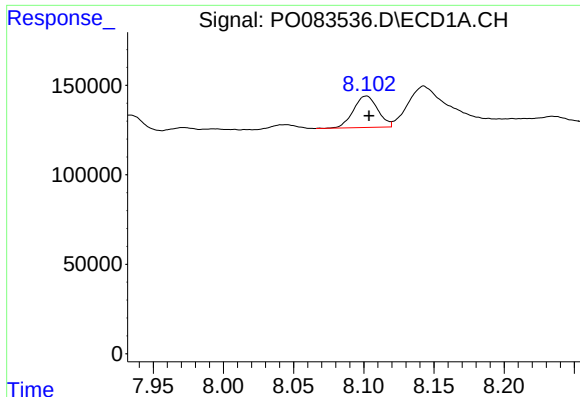
#28 AR-1254-3

R.T.: 7.804 min  
Delta R.T.: -0.002 min  
Response: 298427  
Conc: 59.82 ng/ml



#28 AR-1254-3

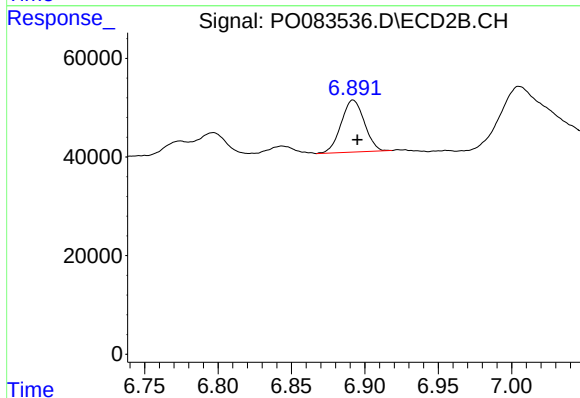
R.T.: 6.651 min  
Delta R.T.: -0.003 min  
Response: 148771  
Conc: 57.34 ng/ml



#29 AR-1254-4

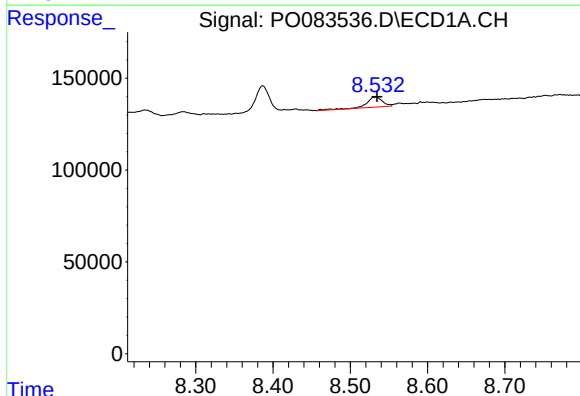
R.T.: 8.102 min  
Delta R.T.: -0.002 min  
Response: 212528  
Conc: 59.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



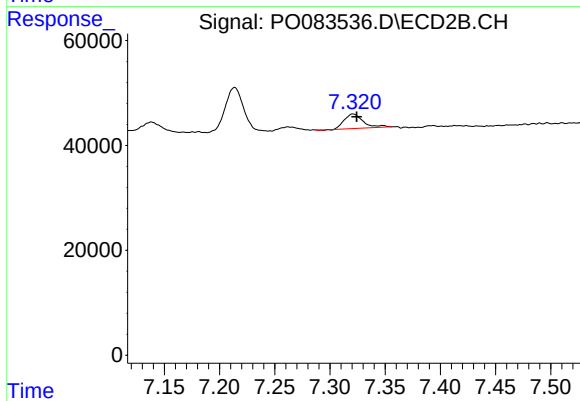
#29 AR-1254-4

R.T.: 6.892 min  
Delta R.T.: -0.003 min  
Response: 116212  
Conc: 61.50 ng/ml



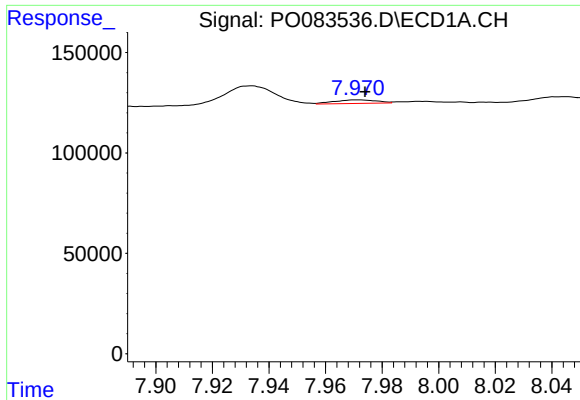
#30 AR-1254-5

R.T.: 8.533 min  
Delta R.T.: -0.002 min  
Response: 78319  
Conc: 21.84 ng/ml



#30 AR-1254-5

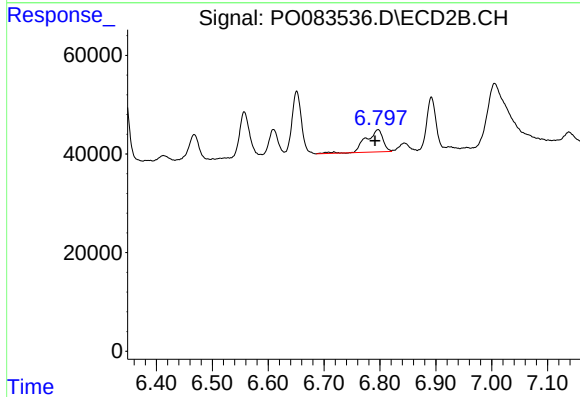
R.T.: 7.321 min  
Delta R.T.: -0.003 min  
Response: 32947  
Conc: 13.50 ng/ml



#31 AR-1260-1

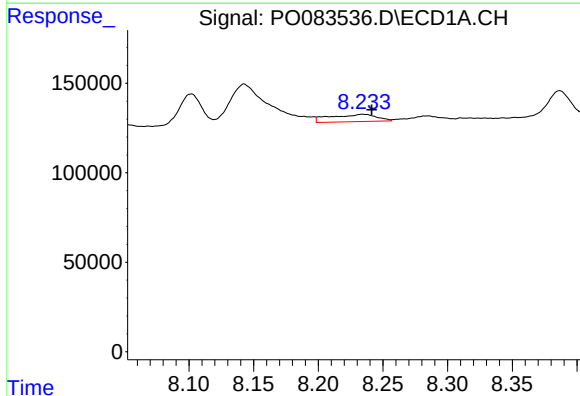
R.T.: 7.971 min  
Delta R.T.: -0.003 min  
Response: 18981  
Conc: 5.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



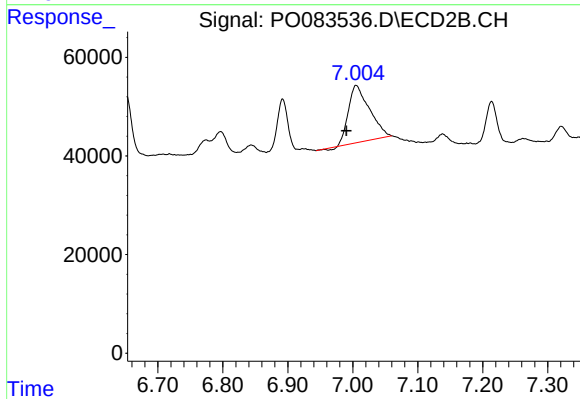
#31 AR-1260-1

R.T.: 6.797 min  
Delta R.T.: 0.005 min  
Response: 96221  
Conc: 49.76 ng/ml



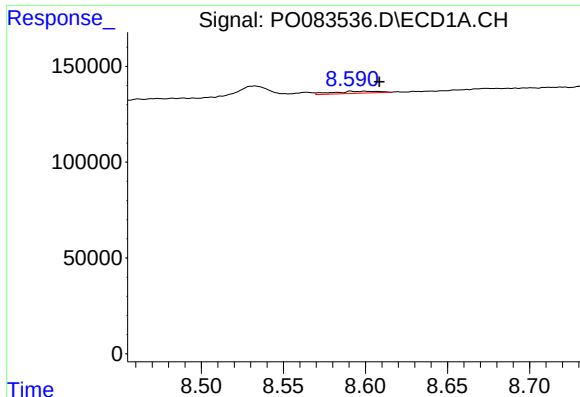
#32 AR-1260-2

R.T.: 8.234 min  
Delta R.T.: -0.007 min  
Response: 101921  
Conc: 24.42 ng/ml



#32 AR-1260-2

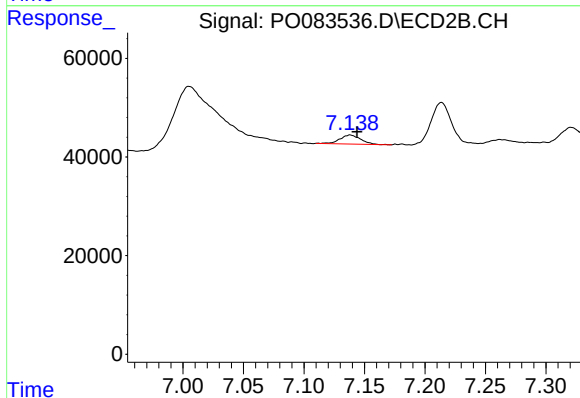
R.T.: 7.005 min  
Delta R.T.: 0.015 min  
Response: 259111  
Conc: 106.02 ng/ml



#33 AR-1260-3

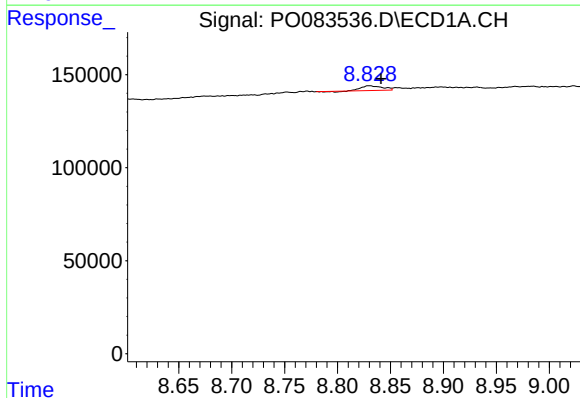
R.T.: 8.591 min  
Delta R.T.: -0.017 min  
Response: 20648  
Conc: 6.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



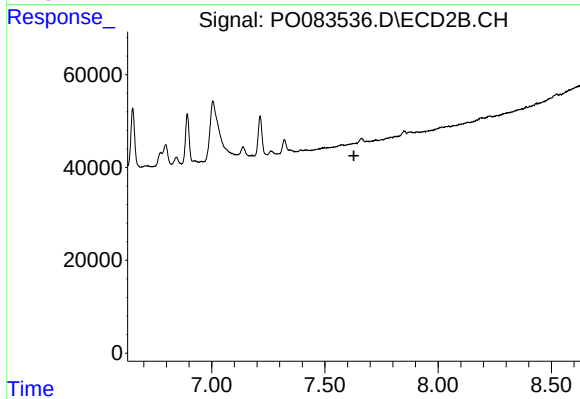
#33 AR-1260-3

R.T.: 7.138 min  
Delta R.T.: -0.006 min  
Response: 21547  
Conc: 9.41 ng/ml



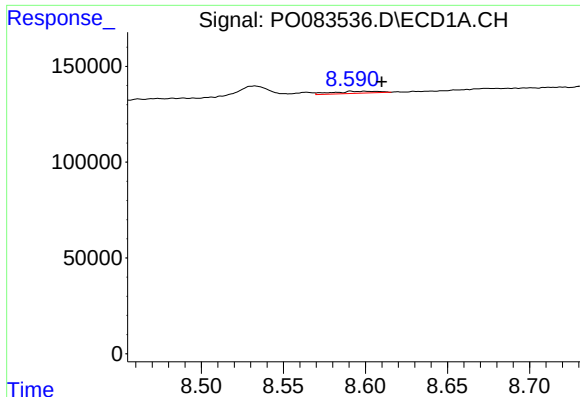
#34 AR-1260-4

R.T.: 8.830 min  
Delta R.T.: -0.011 min  
Response: 32705  
Conc: 9.34 ng/ml



#34 AR-1260-4

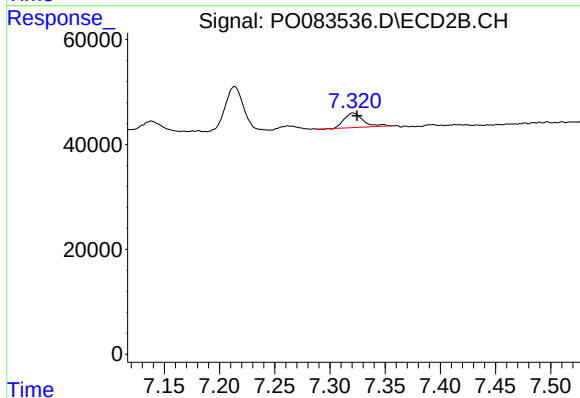
R.T.: 0.000 min  
Exp R.T.: 7.628 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

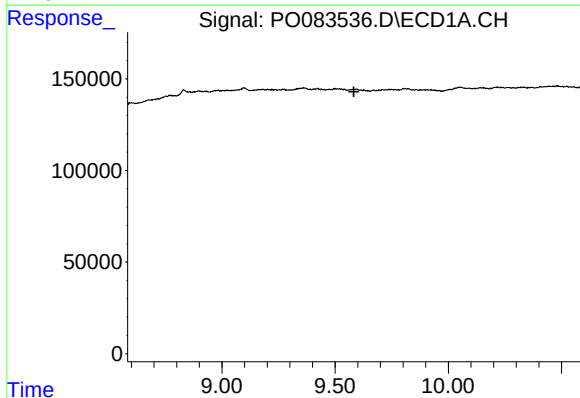
R.T.: 8.591 min  
Delta R.T.: -0.019 min  
Response: 20648  
Conc: 4.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



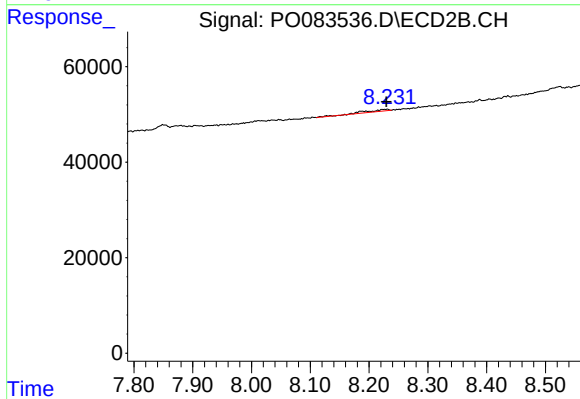
#36 AR-1262-1

R.T.: 7.321 min  
Delta R.T.: -0.003 min  
Response: 32947  
Conc: 25.81 ng/ml



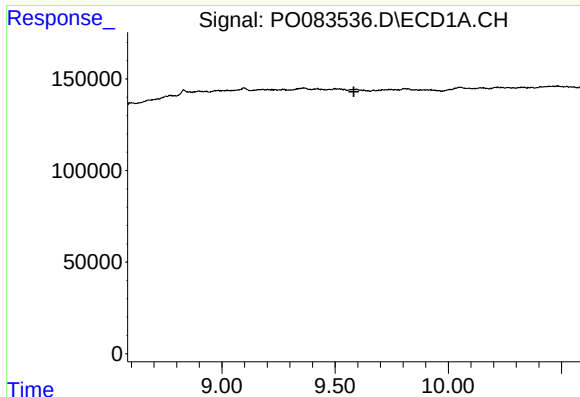
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 9.583 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

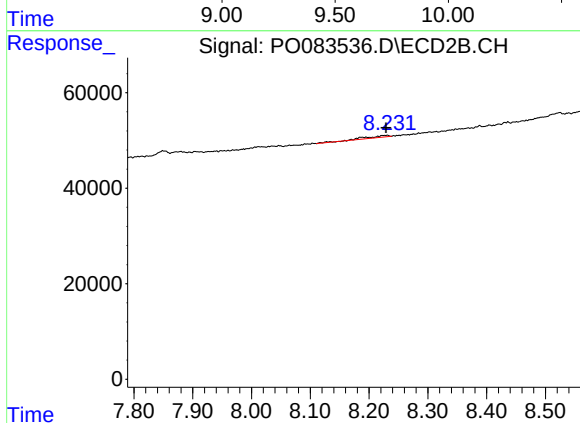
R.T.: 8.231 min  
Delta R.T.: 0.002 min  
Response: 10559  
Conc: 3.14 ng/ml



#42 AR-1268-2

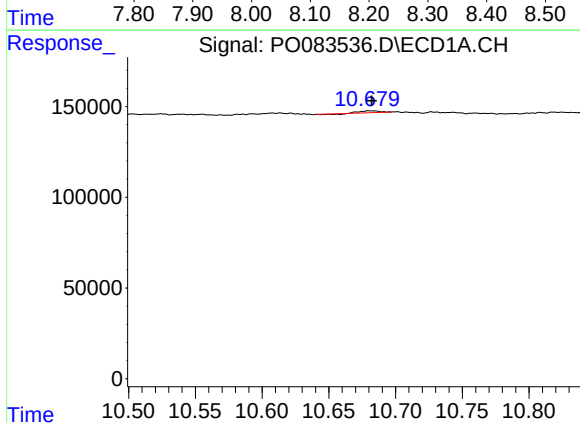
R.T.: 0.000 min  
Exp R.T.: 9.583 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



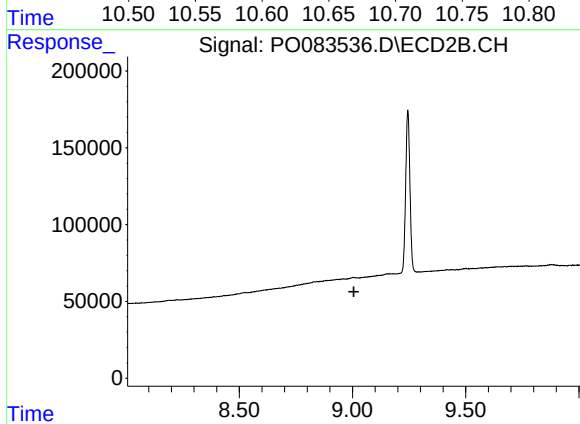
#42 AR-1268-2

R.T.: 8.231 min  
Delta R.T.: 0.002 min  
Response: 10559  
Conc: 2.16 ng/ml



#45 AR-1268-5

R.T.: 10.681 min  
Delta R.T.: -0.001 min  
Response: 7561  
Conc: 0.32 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.006 min  
Response: 0  
Conc: N.D.