

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO111021\  
 Data File : PO082747.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Nov 2021 19:40  
 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: Nov 11 05:18:34 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO110321.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Nov 03 05:20:12 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... | 4.962  | 3.960 | 4438657 | 1608197 | 50.711   | 51.966   |
| 2)                          | SA Decachlor... | 11.062 | 9.272 | 3091201 | 1450840 | 48.949   | 50.390   |
| Target Compounds            |                 |        |       |         |         |          |          |
| 3)                          | L1 AR-1016-1    | 6.295  | 5.218 | 1042179 | 498791  | 359.298  | 371.776  |
| 4)                          | L1 AR-1016-2    | 6.319  | 5.238 | 1472259 | 674864  | 356.720  | 366.497  |
| 5)                          | L1 AR-1016-3    | 6.385  | 5.429 | 931387  | 375736  | 363.706  | 376.905  |
| 6)                          | L1 AR-1016-4    | 6.493  | 5.483 | 754869  | 297956  | 365.686  | 365.284  |
| 7)                          | L1 AR-1016-5    | 6.810  | 5.711 | 747310  | 386667  | 366.471  | 379.300  |
| 8)                          | L2 AR-1221-1    | 5.207f | 4.217 | 137317  | 50018   | 145.608  | 130.957  |
| 9)                          | L2 AR-1221-2    | 5.316  | 4.316 | 166399  | 74185   | 256.714  | 255.539  |
| 10)                         | L2 AR-1221-3    | 5.404  | 4.406 | 586428  | 285658  | 284.272  | 308.712  |
| 11)                         | L3 AR-1232-1    | 5.404  | 4.406 | 586428  | 285658  | 338.527  | 361.853  |
| 12)                         | L3 AR-1232-2    | 5.998  | 5.238 | 786275  | 674864  | 889.172  | 899.061  |
| 13)                         | L3 AR-1232-3    | 6.319  | 5.429 | 1472259 | 375736  | 932.319  | 947.507  |
| 14)                         | L3 AR-1232-4    | 6.493  | 5.527 | 754869  | 361429  | 982.992  | 1046.590 |
| 15)                         | L3 AR-1232-5    | 6.592  | 5.711 | 589988  | 386667  | 1067.321 | 1031.371 |
| 16)                         | L4 AR-1242-1    | 6.295  | 5.218 | 1042179 | 498791  | 501.403  | 511.114  |
| 17)                         | L4 AR-1242-2    | 6.319  | 5.238 | 1472259 | 674864  | 504.708  | 501.337  |
| 18)                         | L4 AR-1242-3    | 6.385  | 5.429 | 931387  | 375736  | 504.920  | 515.459  |
| 19)                         | L4 AR-1242-4    | 6.493  | 5.527 | 754869  | 361429  | 505.088  | 506.266  |
| 20)                         | L4 AR-1242-5    | 7.282  | 6.092 | 754664  | 469380  | 504.465  | 508.430  |
| 21)                         | L5 AR-1248-1    | 6.295  | 5.218 | 1042179 | 498791  | 682.831  | 676.353  |
| 22)                         | L5 AR-1248-2    | 6.592  | 5.483 | 589988  | 297956  | 280.507  | 292.601  |
| 23)                         | L5 AR-1248-3    | 6.810  | 5.527 | 747310  | 361429  | 307.997  | 347.339  |
| 24)                         | L5 AR-1248-4    | 7.242  | 5.711 | 709901  | 386667  | 276.387  | 315.428  |
| 25)                         | L5 AR-1248-5    | 7.282  | 6.134 | 754664  | 391955  | 299.201  | 317.200  |
| 26)                         | L6 AR-1254-1    | 7.211  | 6.092 | 551545  | 469380  | 202.444  | 241.654  |
| 27)                         | L6 AR-1254-2    | 7.448  | 6.252 | 620165  | 118360  | 148.878  | 69.161 # |
| 28)                         | L6 AR-1254-3    | 7.827  | 6.673 | 237797  | 147780  | 55.599   | 57.482   |
| 29)                         | L6 AR-1254-4    | 8.125  | 6.913 | 174312  | 118982  | 56.841   | 65.456   |
| 30)                         | L6 AR-1254-5    | 8.557  | 7.343 | 49004   | 32692   | 15.238   | 14.065   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.818 | 0       | 53484   | N.D.     | 29.484 # |
| 32)                         | L7 AR-1260-2    | 8.259  | 7.008 | 53379   | 16191   | 14.200   | 6.766 #  |
| 33)                         | L7 AR-1260-3    | 8.621f | 7.160 | 9052    | 20893   | 3.196    | 9.825 #  |
| 34)                         | L7 AR-1260-4    | 8.859  | 0.000 | 68535   | 0       | 20.560   | N.D. #   |
| 35)                         | L7 AR-1260-5    | 9.199  | 0.000 | 38161   | 0       | 6.082    | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.621f | 7.343 | 9052    | 32692   | 2.440    | 27.355 # |
| 37)                         | L8 AR-1262-2    | 9.199  | 0.000 | 38161   | 0       | 5.975    | N.D. #   |
| -----                       |                 |        |       |         |         |          |          |

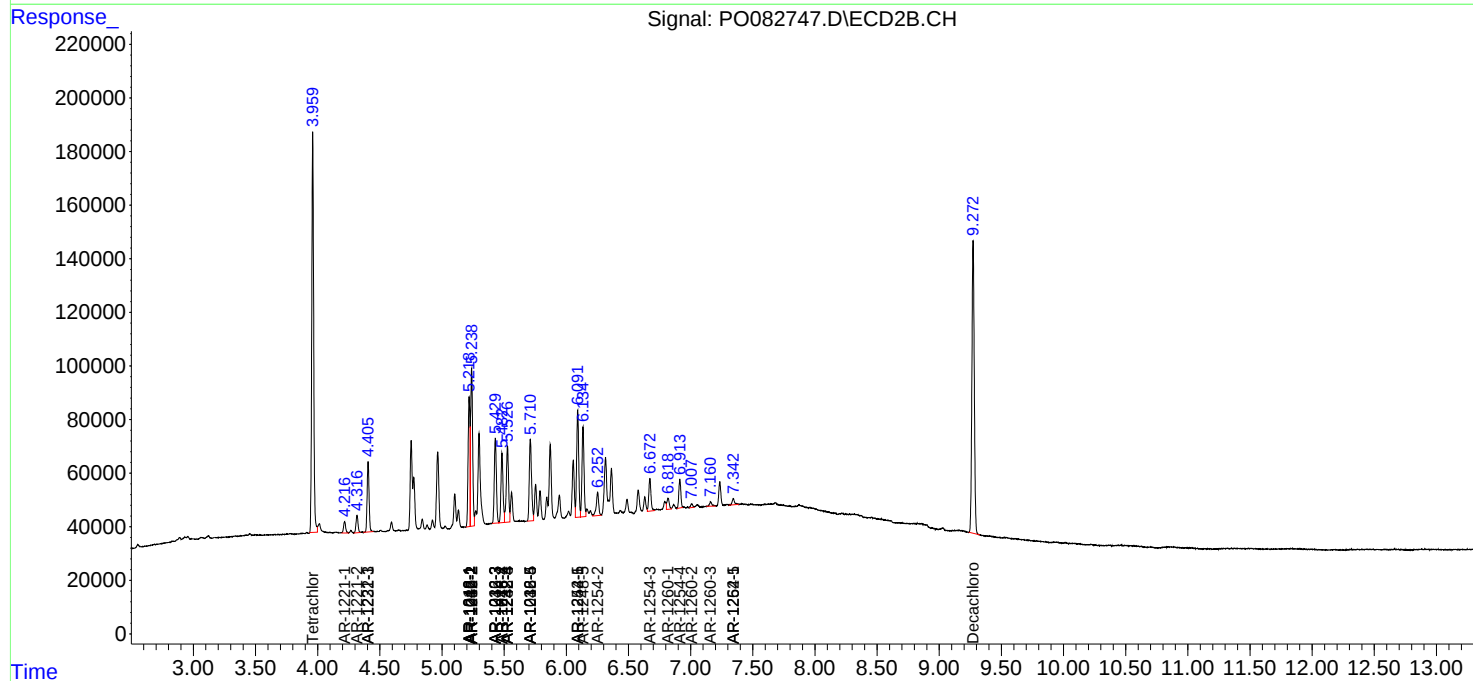
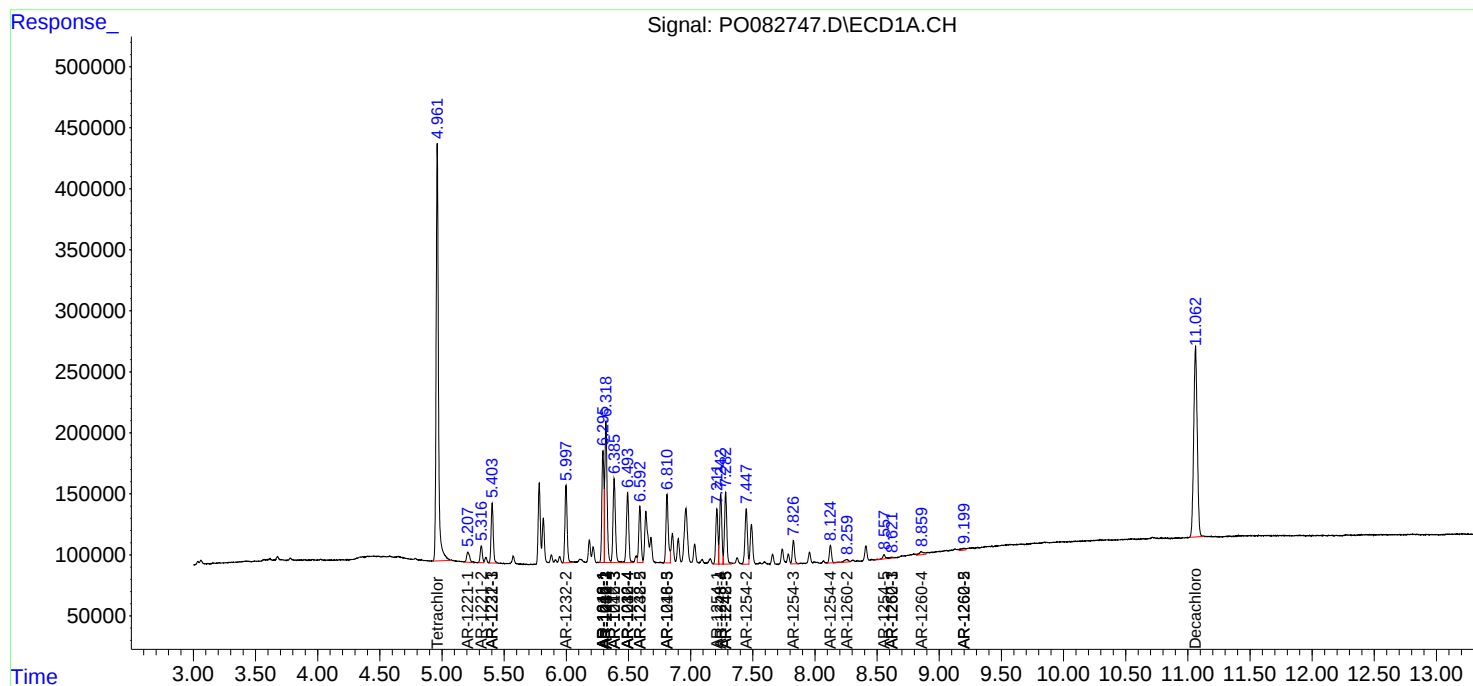
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

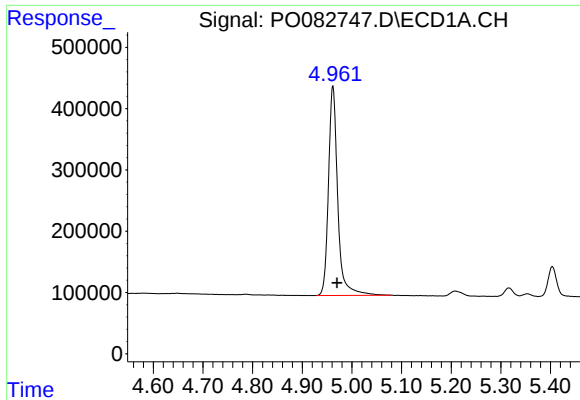
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO111021\  
Data File : PO082747.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Nov 2021 19:40  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 11 05:18:34 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO110321.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Nov 03 05:20:12 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

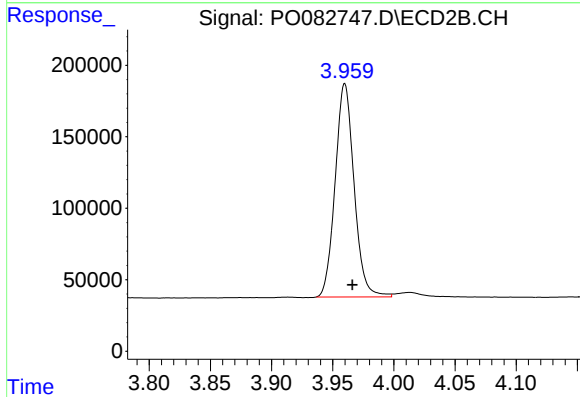




#1 Tetrachloro-m-xylene

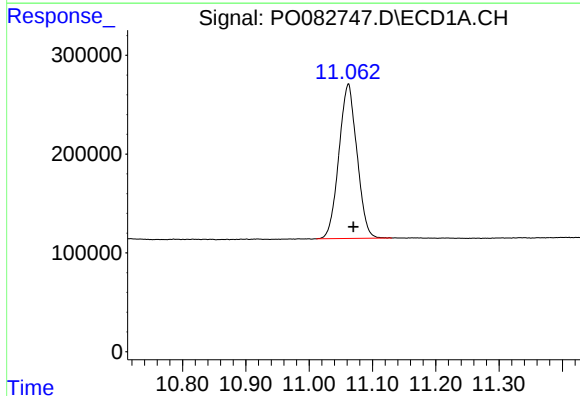
R.T.: 4.962 min  
Delta R.T.: -0.008 min  
Response: 4438657  
Conc: 50.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



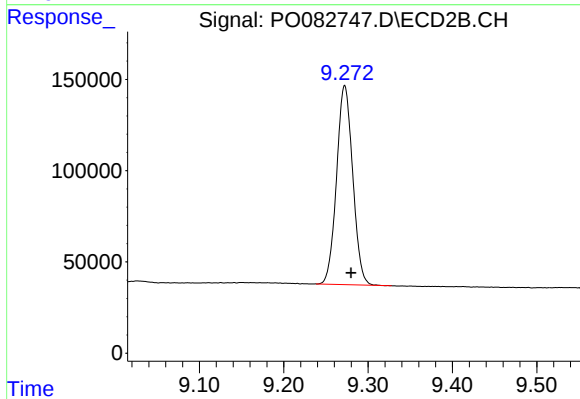
#1 Tetrachloro-m-xylene

R.T.: 3.960 min  
Delta R.T.: -0.006 min  
Response: 1608197  
Conc: 51.97 ng/ml



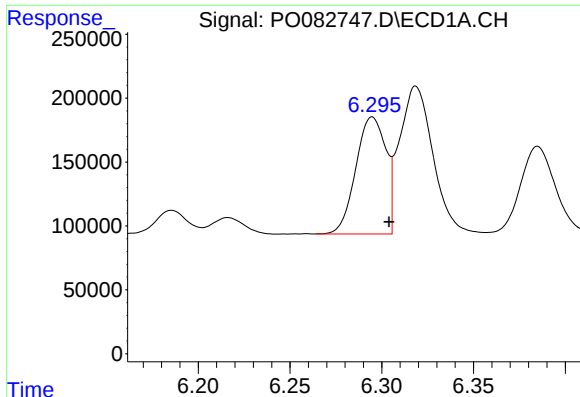
#2 Decachlorobiphenyl

R.T.: 11.062 min  
Delta R.T.: -0.008 min  
Response: 3091201  
Conc: 48.95 ng/ml



#2 Decachlorobiphenyl

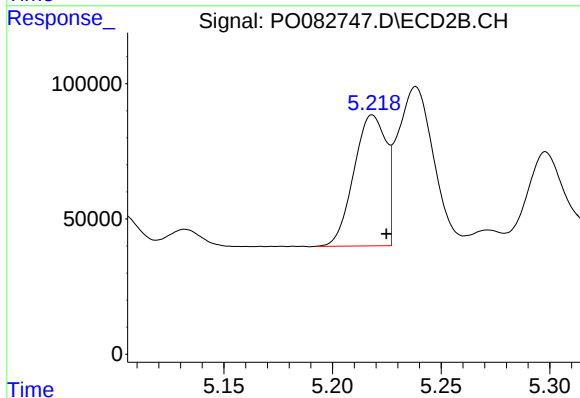
R.T.: 9.272 min  
Delta R.T.: -0.008 min  
Response: 1450840  
Conc: 50.39 ng/ml



#3 AR-1016-1

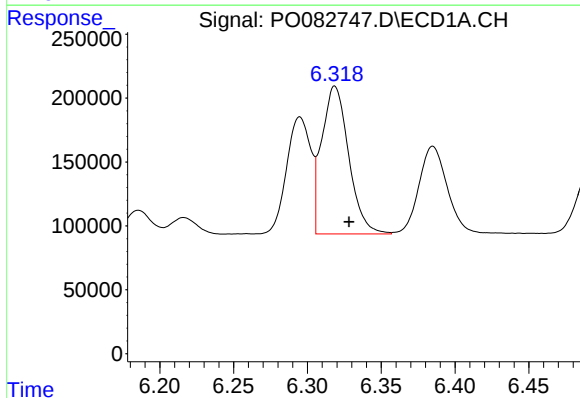
R.T.: 6.295 min  
Delta R.T.: -0.009 min  
Response: 1042179  
Conc: 359.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



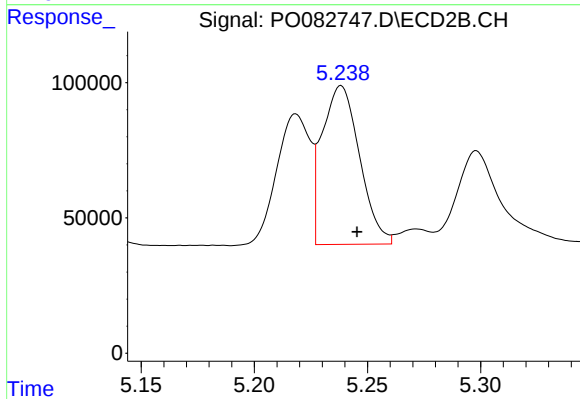
#3 AR-1016-1

R.T.: 5.218 min  
Delta R.T.: -0.006 min  
Response: 498791  
Conc: 371.78 ng/ml



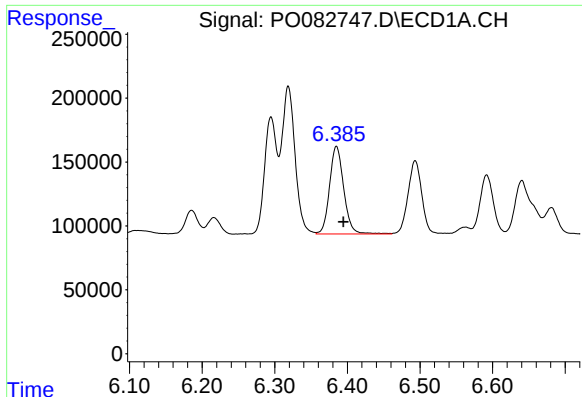
#4 AR-1016-2

R.T.: 6.319 min  
Delta R.T.: -0.009 min  
Response: 1472259  
Conc: 356.72 ng/ml



#4 AR-1016-2

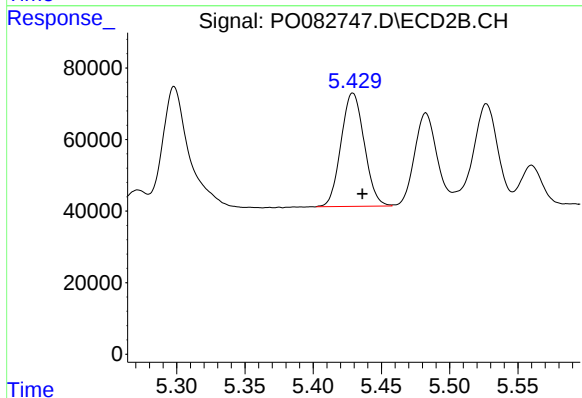
R.T.: 5.238 min  
Delta R.T.: -0.007 min  
Response: 674864  
Conc: 366.50 ng/ml



#5 AR-1016-3

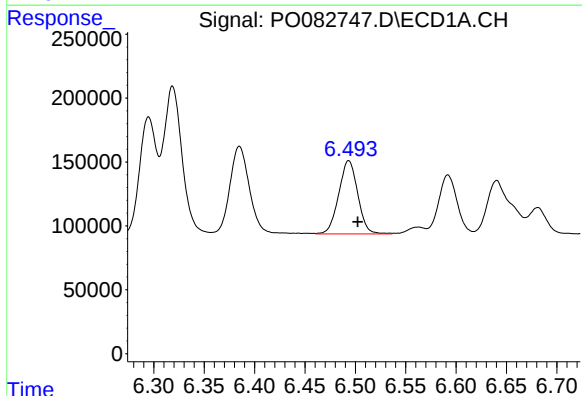
R.T.: 6.385 min  
Delta R.T.: -0.010 min  
Response: 931387  
Conc: 363.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



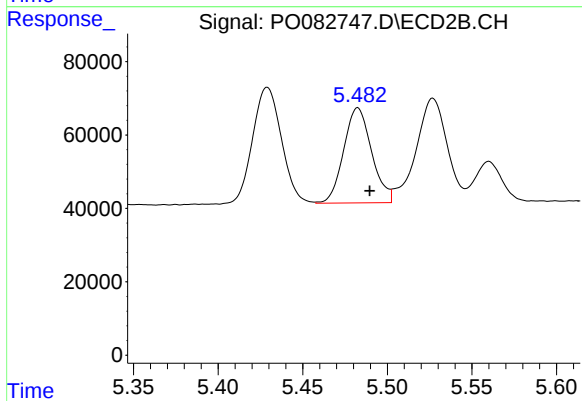
#5 AR-1016-3

R.T.: 5.429 min  
Delta R.T.: -0.007 min  
Response: 375736  
Conc: 376.90 ng/ml



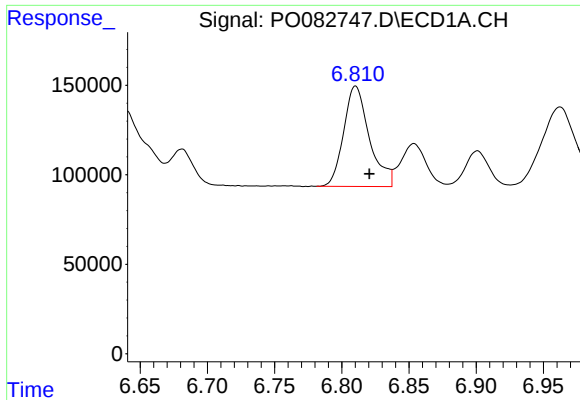
#6 AR-1016-4

R.T.: 6.493 min  
Delta R.T.: -0.009 min  
Response: 754869  
Conc: 365.69 ng/ml



#6 AR-1016-4

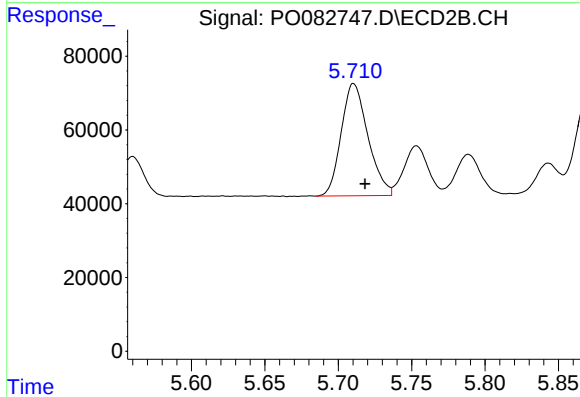
R.T.: 5.483 min  
Delta R.T.: -0.007 min  
Response: 297956  
Conc: 365.28 ng/ml



#7 AR-1016-5

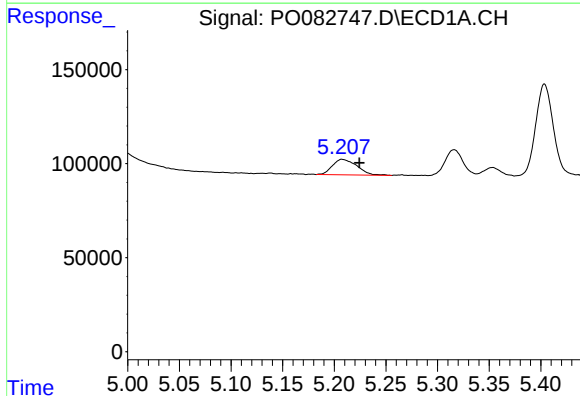
R.T.: 6.810 min  
Delta R.T.: -0.010 min  
Response: 747310  
Conc: 366.47 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



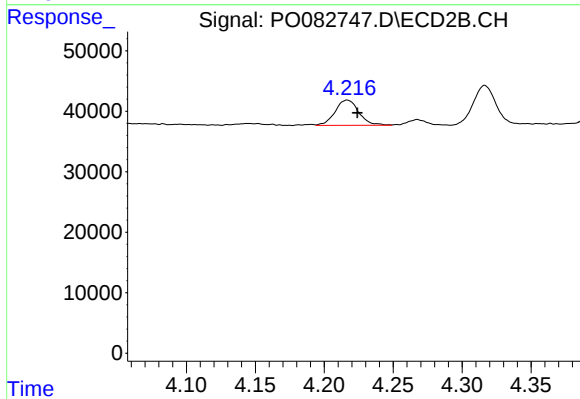
#7 AR-1016-5

R.T.: 5.711 min  
Delta R.T.: -0.008 min  
Response: 386667  
Conc: 379.30 ng/ml



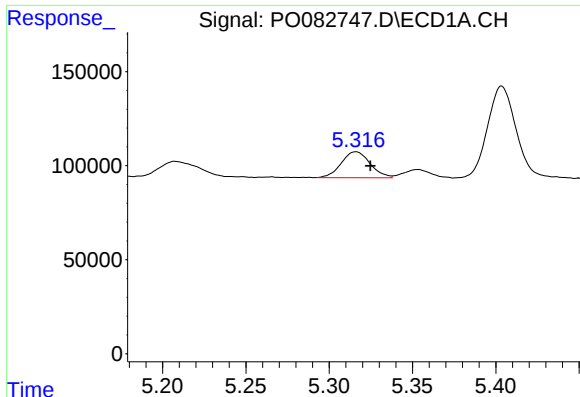
#8 AR-1221-1

R.T.: 5.207 min  
Delta R.T.: -0.017 min  
Response: 137317  
Conc: 145.61 ng/ml



#8 AR-1221-1

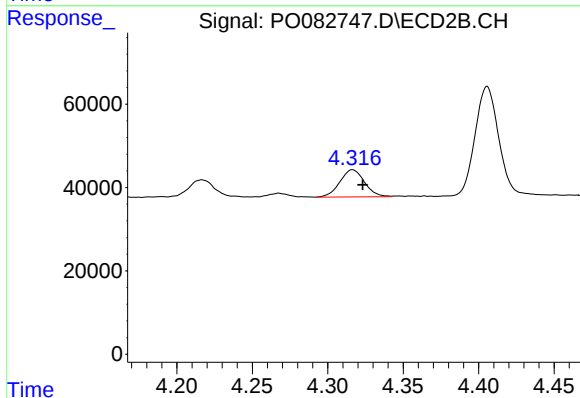
R.T.: 4.217 min  
Delta R.T.: -0.007 min  
Response: 50018  
Conc: 130.96 ng/ml



#9 AR-1221-2

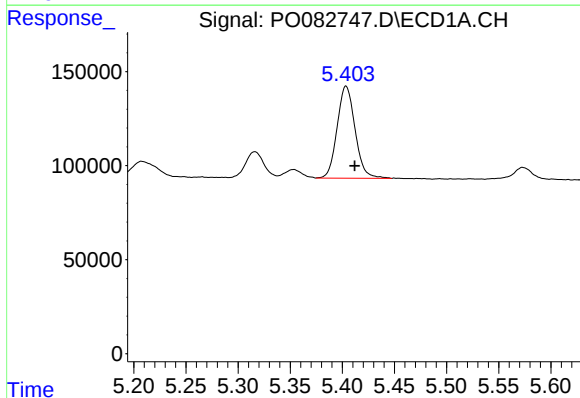
R.T.: 5.316 min  
Delta R.T.: -0.009 min  
Response: 166399  
Conc: 256.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



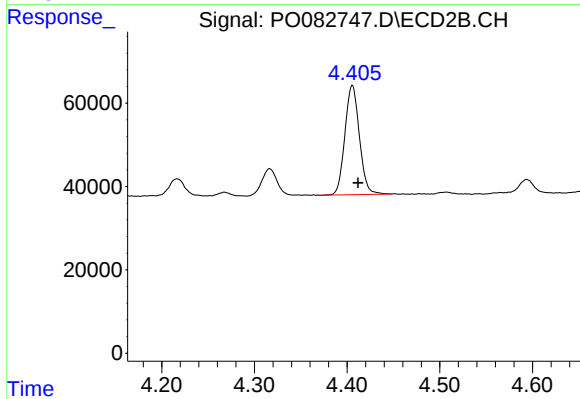
#9 AR-1221-2

R.T.: 4.316 min  
Delta R.T.: -0.007 min  
Response: 74185  
Conc: 255.54 ng/ml



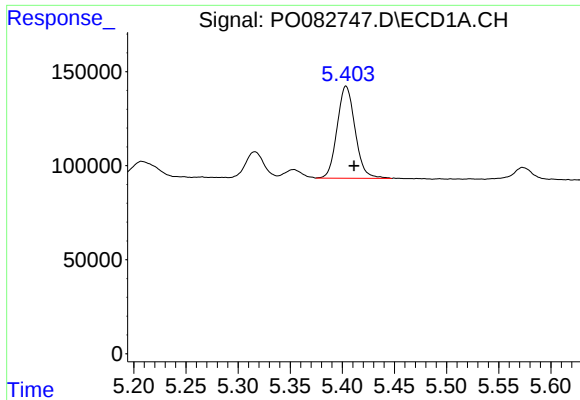
#10 AR-1221-3

R.T.: 5.404 min  
Delta R.T.: -0.008 min  
Response: 586428  
Conc: 284.27 ng/ml



#10 AR-1221-3

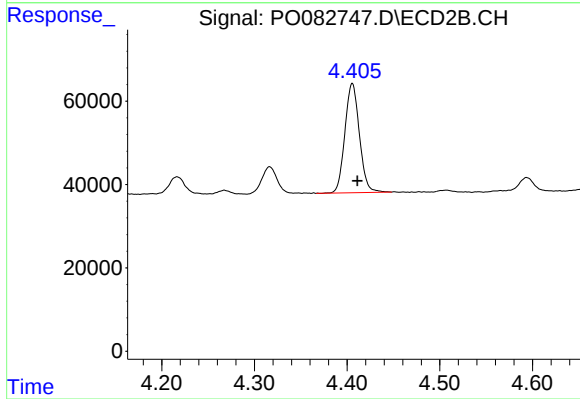
R.T.: 4.406 min  
Delta R.T.: -0.006 min  
Response: 285658  
Conc: 308.71 ng/ml



#11 AR-1232-1

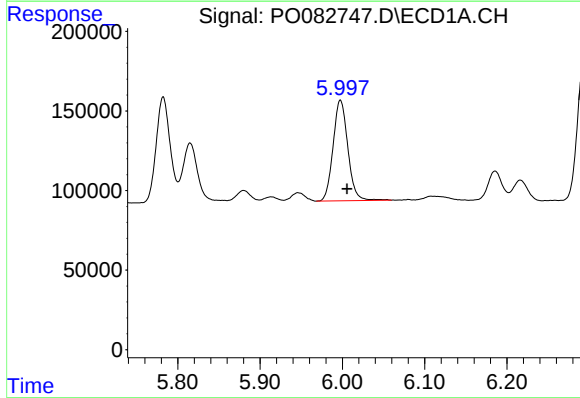
R.T.: 5.404 min  
Delta R.T.: -0.008 min  
Response: 586428  
Conc: 338.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



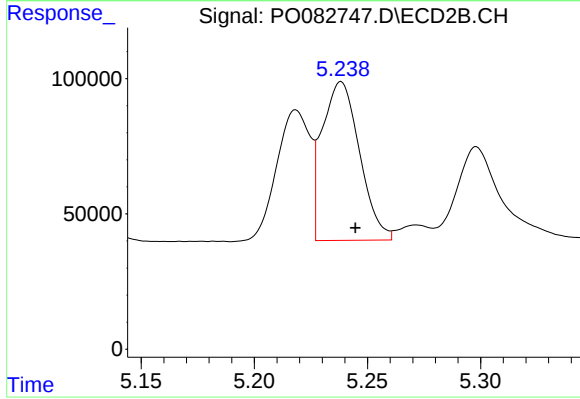
#11 AR-1232-1

R.T.: 4.406 min  
Delta R.T.: -0.006 min  
Response: 285658  
Conc: 361.85 ng/ml



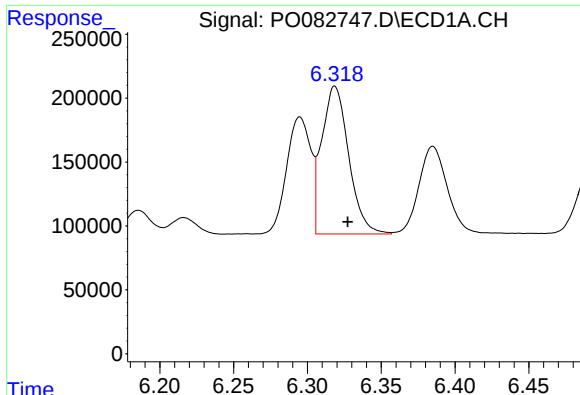
#12 AR-1232-2

R.T.: 5.998 min  
Delta R.T.: -0.008 min  
Response: 786275  
Conc: 889.17 ng/ml



#12 AR-1232-2

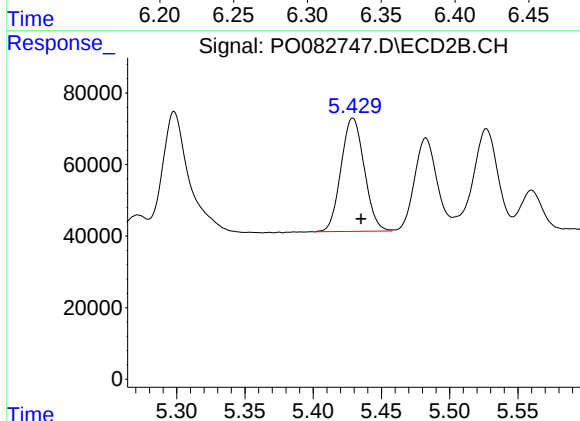
R.T.: 5.238 min  
Delta R.T.: -0.006 min  
Response: 674864  
Conc: 899.06 ng/ml



#13 AR-1232-3

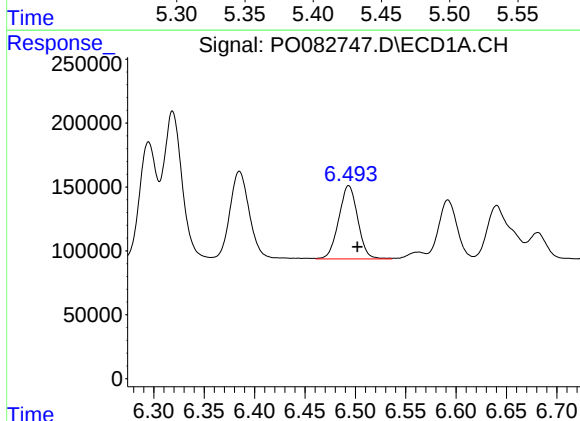
R.T.: 6.319 min  
Delta R.T.: -0.009 min  
Response: 1472259  
Conc: 932.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



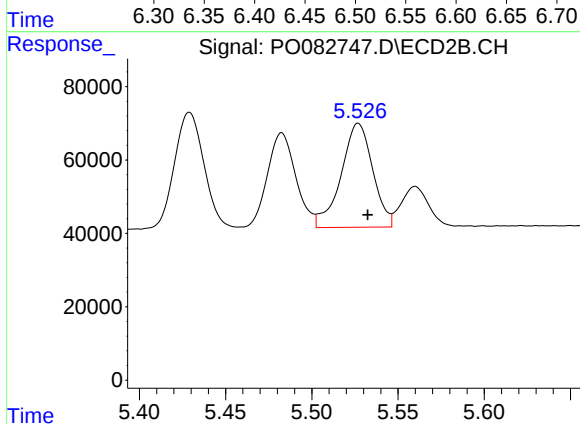
#13 AR-1232-3

R.T.: 5.429 min  
Delta R.T.: -0.006 min  
Response: 375736  
Conc: 947.51 ng/ml



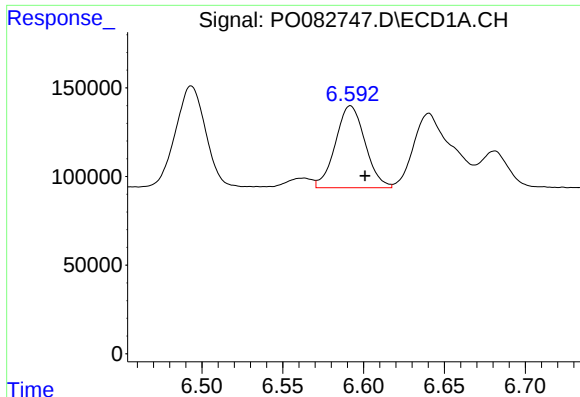
#14 AR-1232-4

R.T.: 6.493 min  
Delta R.T.: -0.009 min  
Response: 754869  
Conc: 982.99 ng/ml



#14 AR-1232-4

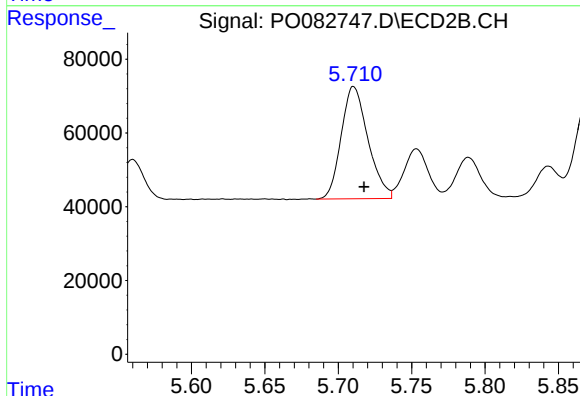
R.T.: 5.527 min  
Delta R.T.: -0.005 min  
Response: 361429  
Conc: 1046.59 ng/ml



#15 AR-1232-5

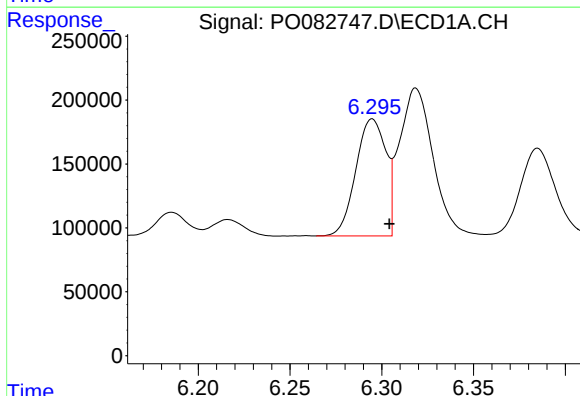
R.T.: 6.592 min  
Delta R.T.: -0.009 min  
Response: 589988  
Conc: 1067.32 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



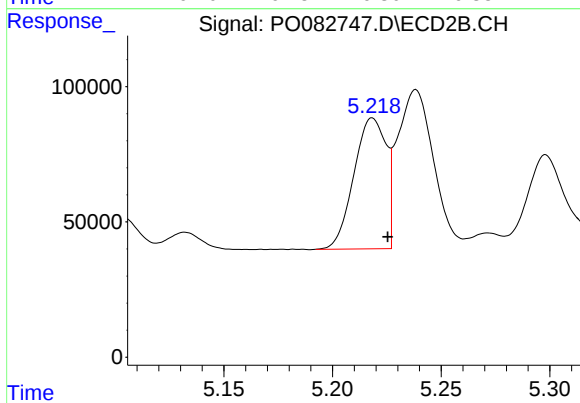
#15 AR-1232-5

R.T.: 5.711 min  
Delta R.T.: -0.007 min  
Response: 386667  
Conc: 1031.37 ng/ml



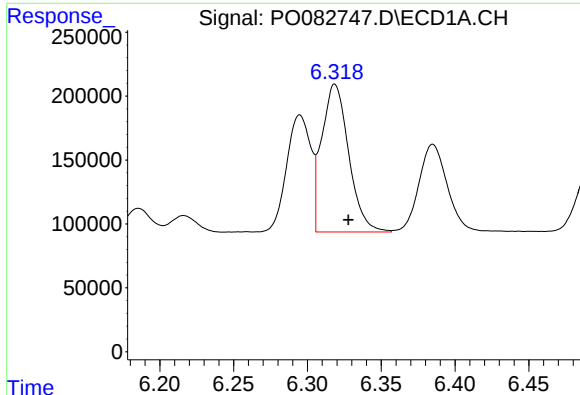
#16 AR-1242-1

R.T.: 6.295 min  
Delta R.T.: -0.009 min  
Response: 1042179  
Conc: 501.40 ng/ml



#16 AR-1242-1

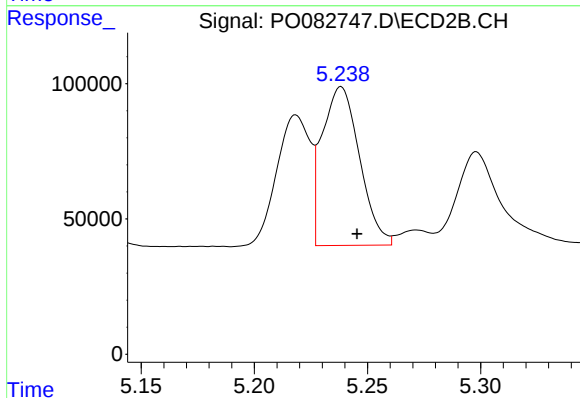
R.T.: 5.218 min  
Delta R.T.: -0.007 min  
Response: 498791  
Conc: 511.11 ng/ml



#17 AR-1242-2

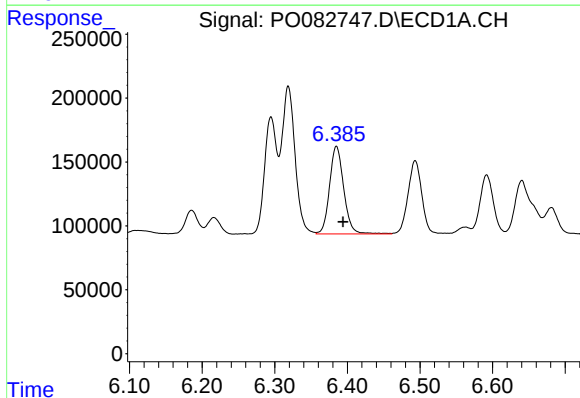
R.T.: 6.319 min  
Delta R.T.: -0.009 min  
Response: 1472259  
Conc: 504.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



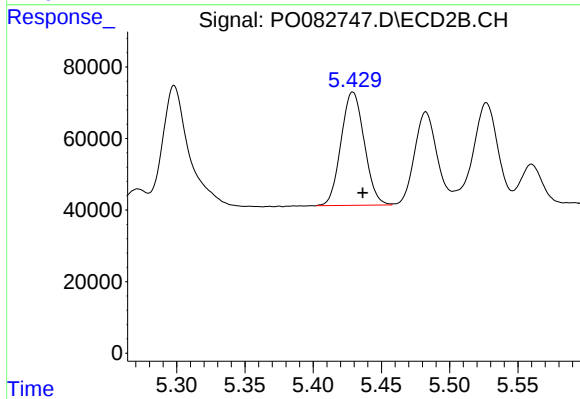
#17 AR-1242-2

R.T.: 5.238 min  
Delta R.T.: -0.007 min  
Response: 674864  
Conc: 501.34 ng/ml



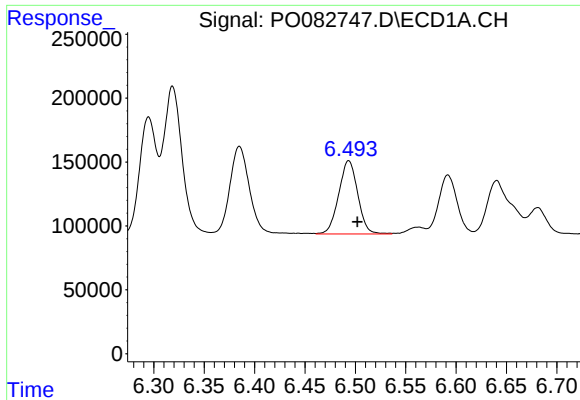
#18 AR-1242-3

R.T.: 6.385 min  
Delta R.T.: -0.009 min  
Response: 931387  
Conc: 504.92 ng/ml



#18 AR-1242-3

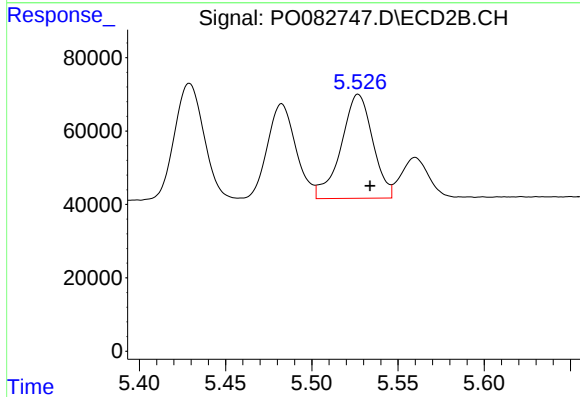
R.T.: 5.429 min  
Delta R.T.: -0.007 min  
Response: 375736  
Conc: 515.46 ng/ml



#19 AR-1242-4

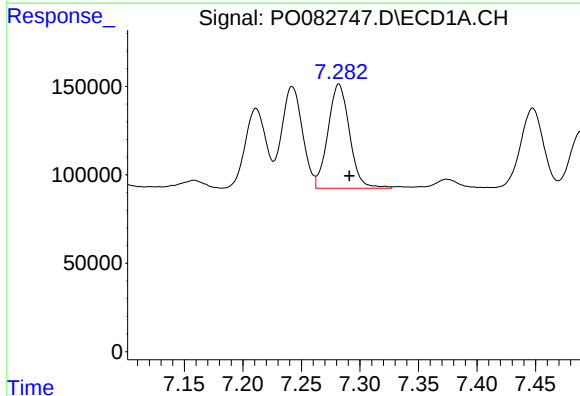
R.T.: 6.493 min  
Delta R.T.: -0.009 min  
Response: 754869  
Conc: 505.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



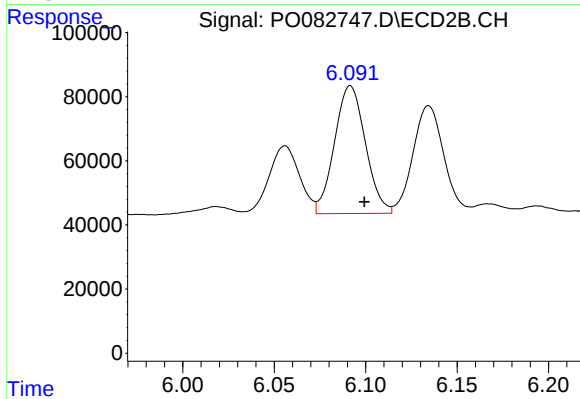
#19 AR-1242-4

R.T.: 5.527 min  
Delta R.T.: -0.007 min  
Response: 361429  
Conc: 506.27 ng/ml



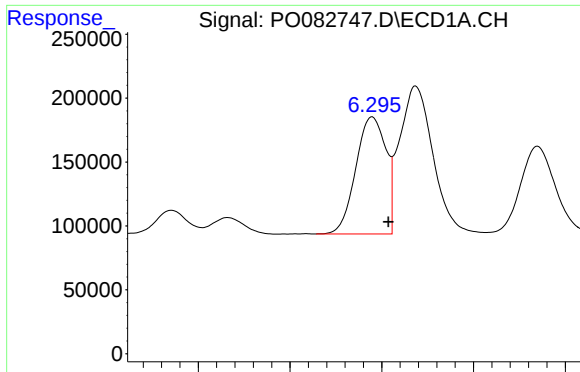
#20 AR-1242-5

R.T.: 7.282 min  
Delta R.T.: -0.009 min  
Response: 754664  
Conc: 504.47 ng/ml



#20 AR-1242-5

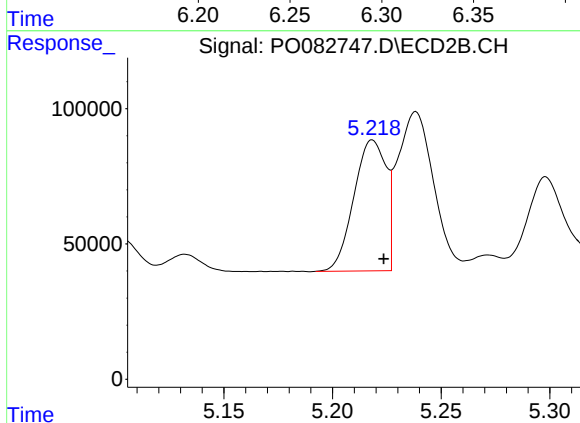
R.T.: 6.092 min  
Delta R.T.: -0.008 min  
Response: 469380  
Conc: 508.43 ng/ml



#21 AR-1248-1

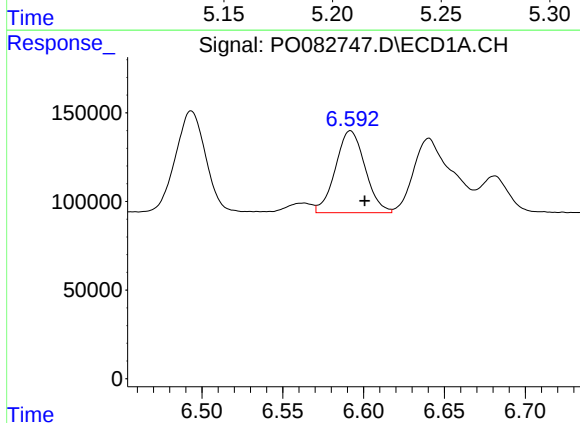
R.T.: 6.295 min  
Delta R.T.: -0.009 min  
Response: 1042179  
Conc: 682.83 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



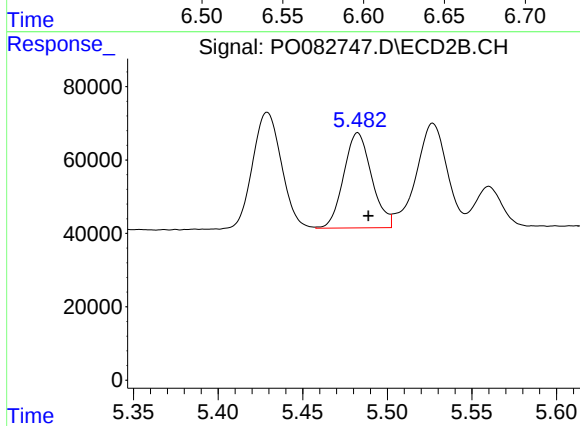
#21 AR-1248-1

R.T.: 5.218 min  
Delta R.T.: -0.005 min  
Response: 498791  
Conc: 676.35 ng/ml



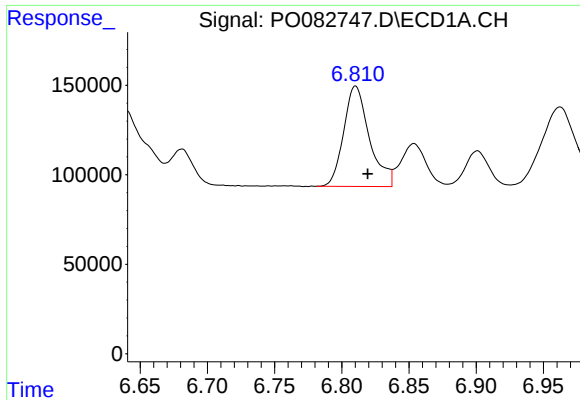
#22 AR-1248-2

R.T.: 6.592 min  
Delta R.T.: -0.009 min  
Response: 589988  
Conc: 280.51 ng/ml



#22 AR-1248-2

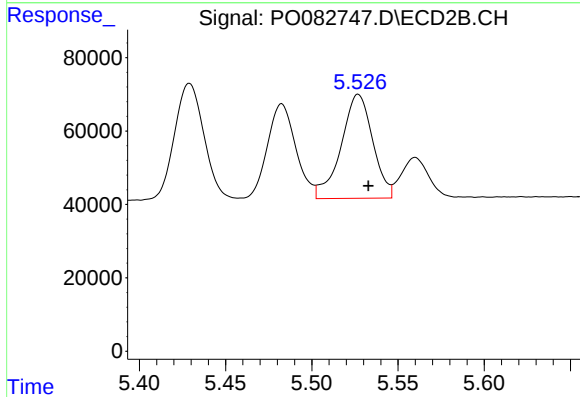
R.T.: 5.483 min  
Delta R.T.: -0.006 min  
Response: 297956  
Conc: 292.60 ng/ml



#23 AR-1248-3

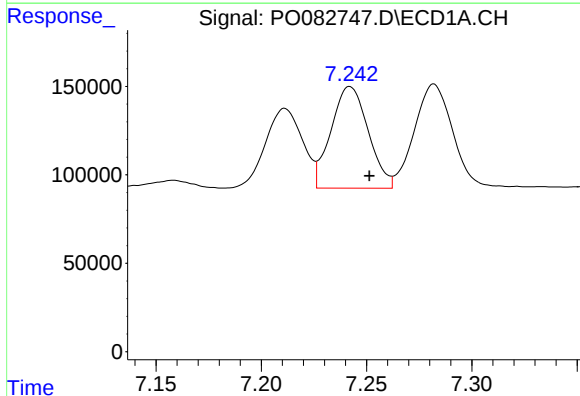
R.T.: 6.810 min  
Delta R.T.: -0.009 min  
Response: 747310  
Conc: 308.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



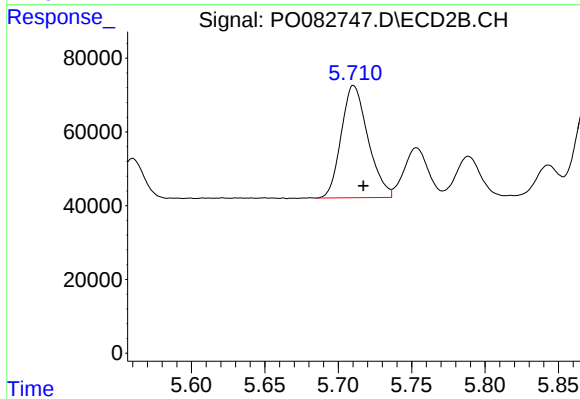
#23 AR-1248-3

R.T.: 5.527 min  
Delta R.T.: -0.006 min  
Response: 361429  
Conc: 347.34 ng/ml



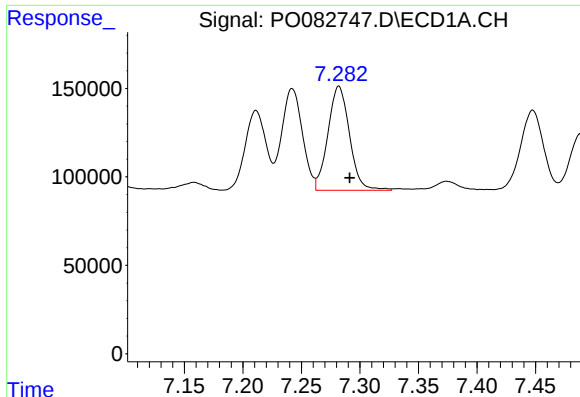
#24 AR-1248-4

R.T.: 7.242 min  
Delta R.T.: -0.009 min  
Response: 709901  
Conc: 276.39 ng/ml



#24 AR-1248-4

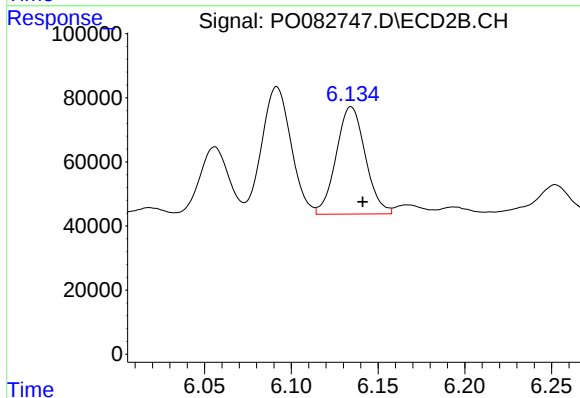
R.T.: 5.711 min  
Delta R.T.: -0.007 min  
Response: 386667  
Conc: 315.43 ng/ml



#25 AR-1248-5

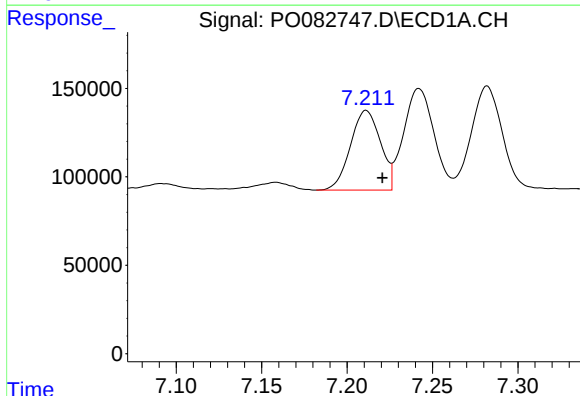
R.T.: 7.282 min  
Delta R.T.: -0.009 min  
Response: 754664  
Conc: 299.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



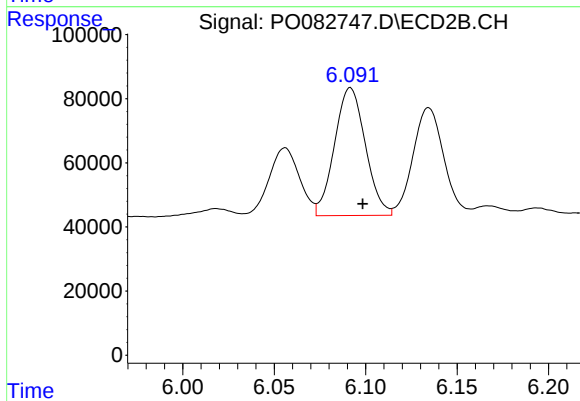
#25 AR-1248-5

R.T.: 6.134 min  
Delta R.T.: -0.007 min  
Response: 391955  
Conc: 317.20 ng/ml



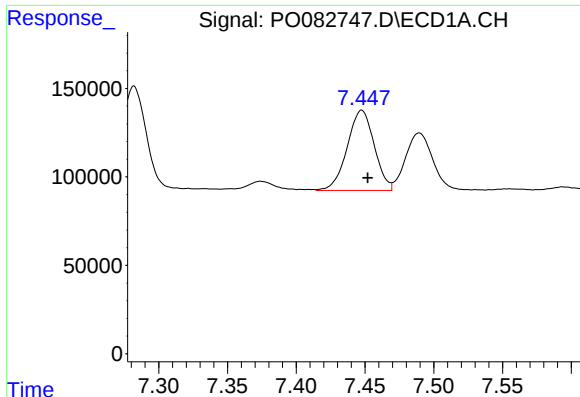
#26 AR-1254-1

R.T.: 7.211 min  
Delta R.T.: -0.009 min  
Response: 551545  
Conc: 202.44 ng/ml



#26 AR-1254-1

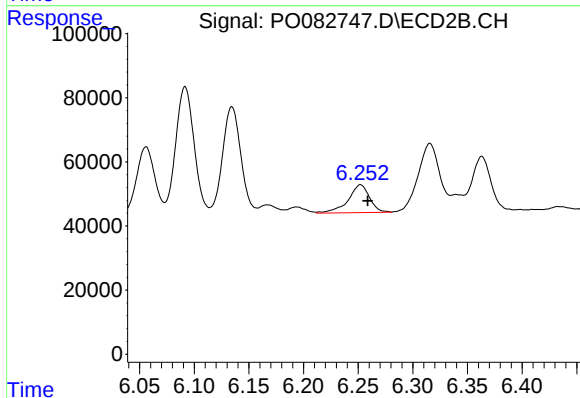
R.T.: 6.092 min  
Delta R.T.: -0.007 min  
Response: 469380  
Conc: 241.65 ng/ml



#27 AR-1254-2

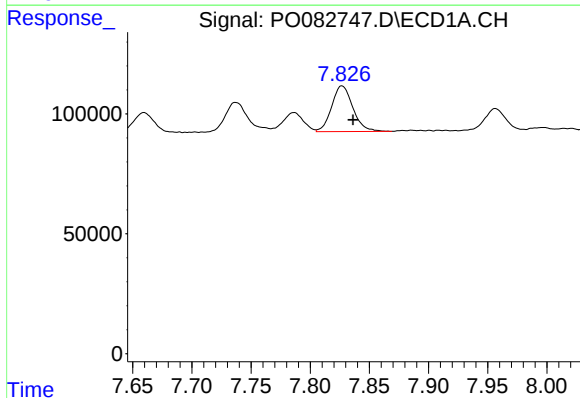
R.T.: 7.448 min  
Delta R.T.: -0.004 min  
Response: 620165  
Conc: 148.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



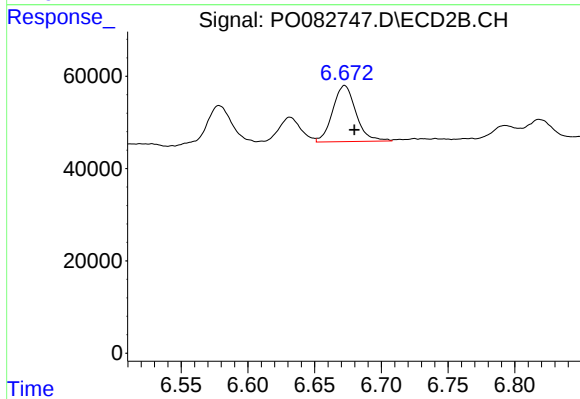
#27 AR-1254-2

R.T.: 6.252 min  
Delta R.T.: -0.007 min  
Response: 118360  
Conc: 69.16 ng/ml



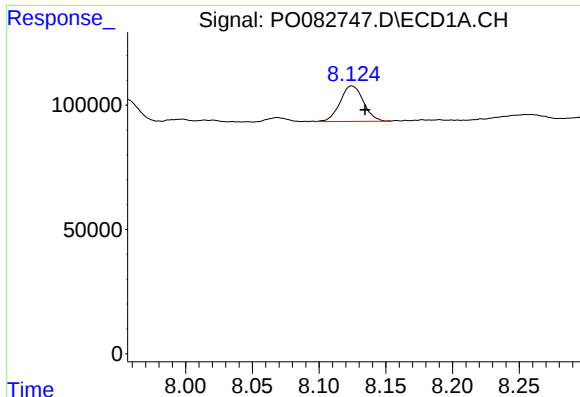
#28 AR-1254-3

R.T.: 7.827 min  
Delta R.T.: -0.009 min  
Response: 237797  
Conc: 55.60 ng/ml



#28 AR-1254-3

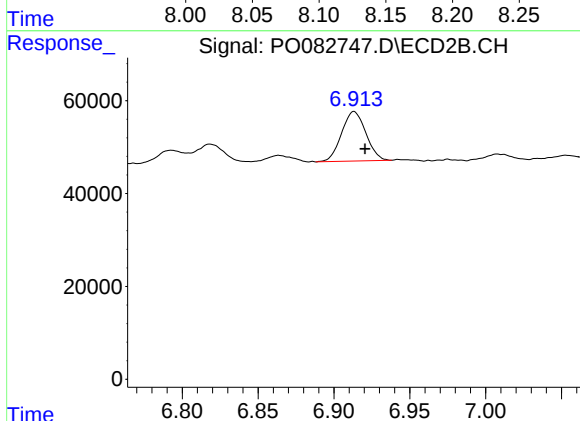
R.T.: 6.673 min  
Delta R.T.: -0.007 min  
Response: 147780  
Conc: 57.48 ng/ml



#29 AR-1254-4

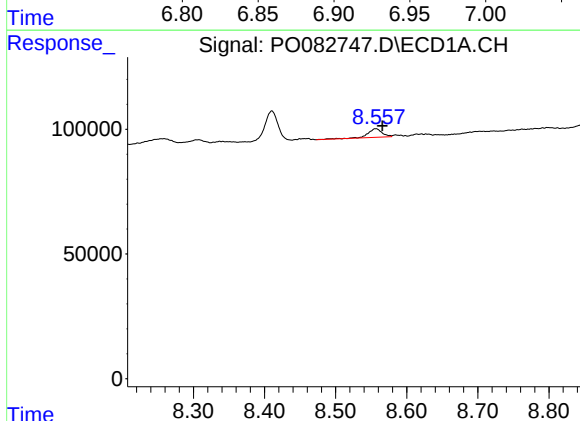
R.T.: 8.125 min  
Delta R.T.: -0.010 min  
Response: 174312  
Conc: 56.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



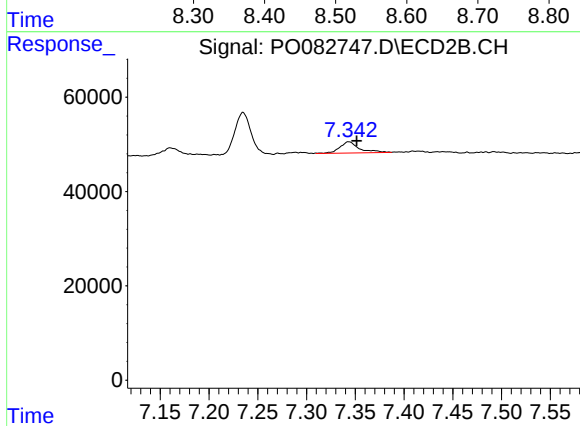
#29 AR-1254-4

R.T.: 6.913 min  
Delta R.T.: -0.007 min  
Response: 118982  
Conc: 65.46 ng/ml



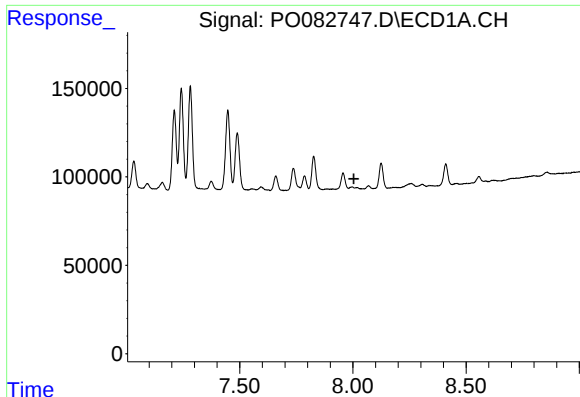
#30 AR-1254-5

R.T.: 8.557 min  
Delta R.T.: -0.009 min  
Response: 49004  
Conc: 15.24 ng/ml



#30 AR-1254-5

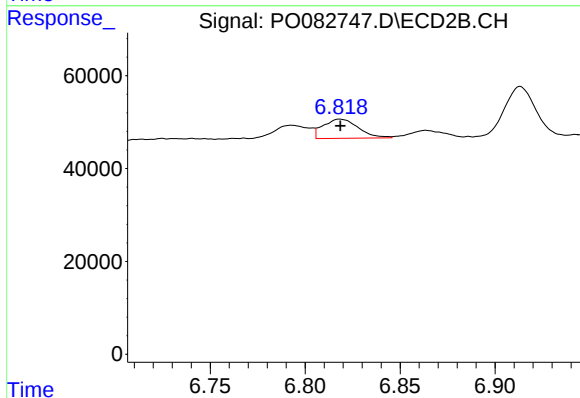
R.T.: 7.343 min  
Delta R.T.: -0.008 min  
Response: 32692  
Conc: 14.07 ng/ml



#31 AR-1260-1

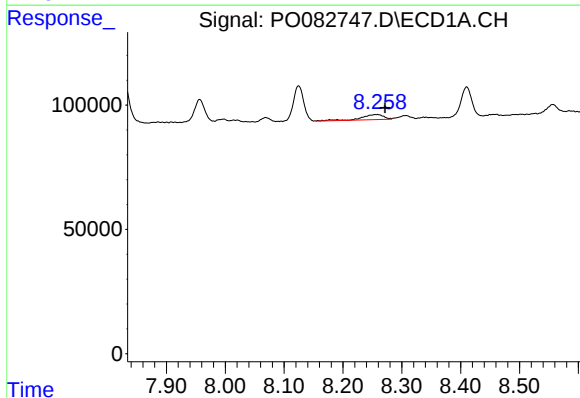
R.T.: 0.000 min  
Exp R.T.: 8.005 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



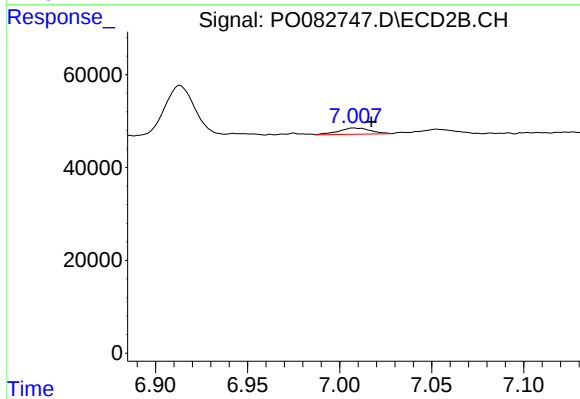
#31 AR-1260-1

R.T.: 6.818 min  
Delta R.T.: 0.000 min  
Response: 53484  
Conc: 29.48 ng/ml



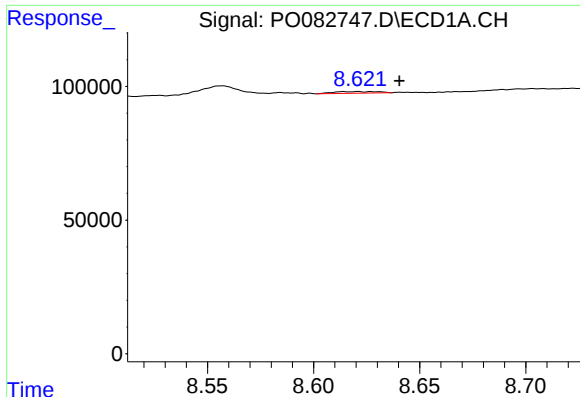
#32 AR-1260-2

R.T.: 8.259 min  
Delta R.T.: -0.013 min  
Response: 53379  
Conc: 14.20 ng/ml



#32 AR-1260-2

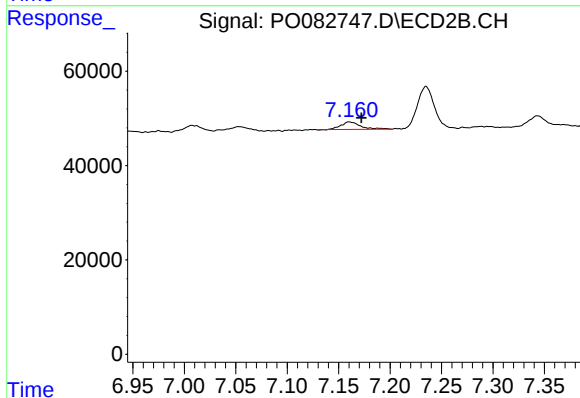
R.T.: 7.008 min  
Delta R.T.: -0.010 min  
Response: 16191  
Conc: 6.77 ng/ml



#33 AR-1260-3

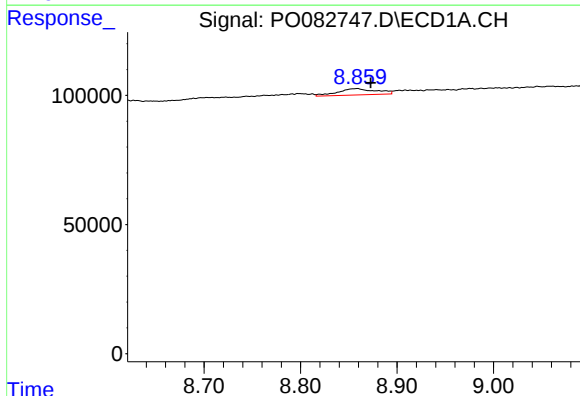
R.T.: 8.621 min  
Delta R.T.: -0.020 min  
Response: 9052  
Conc: 3.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



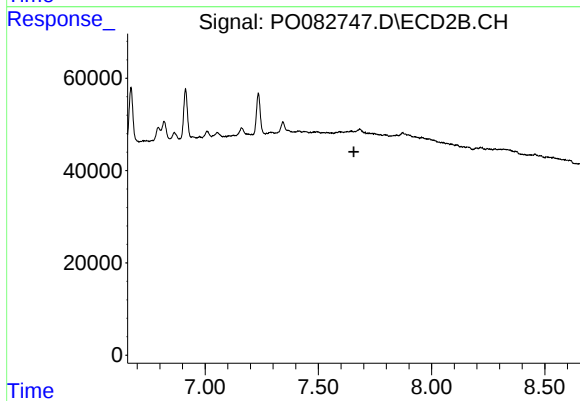
#33 AR-1260-3

R.T.: 7.160 min  
Delta R.T.: -0.012 min  
Response: 20893  
Conc: 9.82 ng/ml



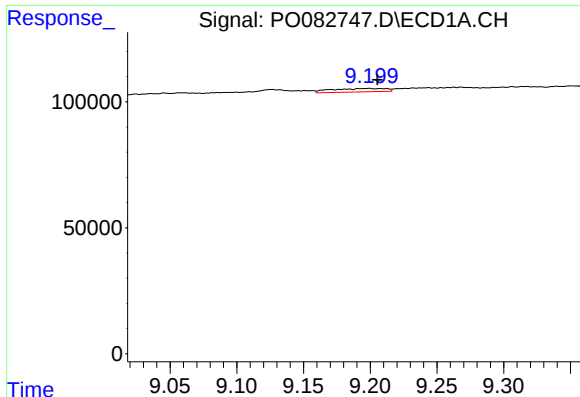
#34 AR-1260-4

R.T.: 8.859 min  
Delta R.T.: -0.014 min  
Response: 68535  
Conc: 20.56 ng/ml



#34 AR-1260-4

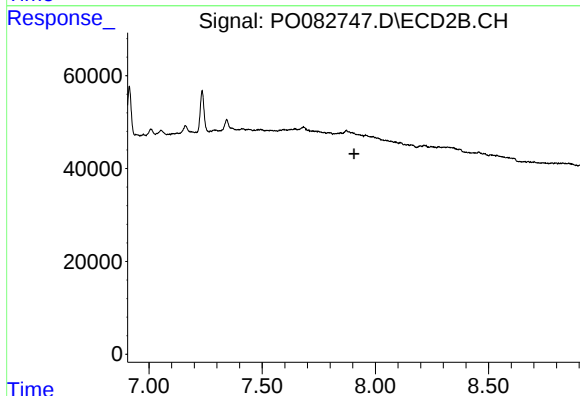
R.T.: 0.000 min  
Exp R.T. : 7.657 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

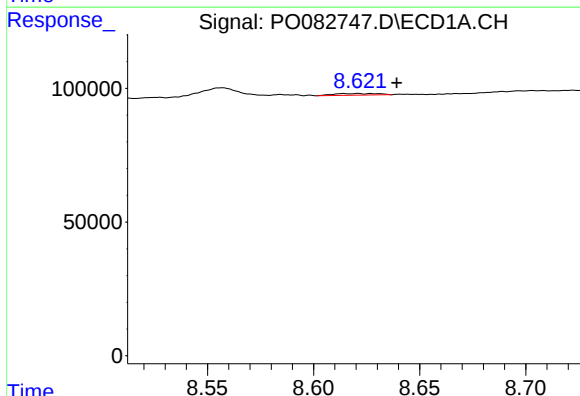
R.T.: 9.199 min  
Delta R.T.: -0.006 min  
Response: 38161  
Conc: 6.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



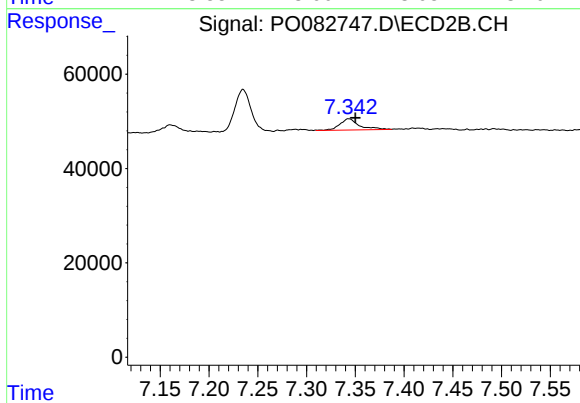
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.906 min  
Response: 0  
Conc: N.D.



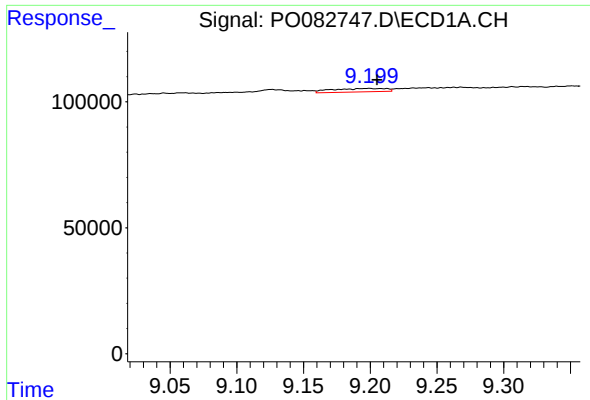
#36 AR-1262-1

R.T.: 8.621 min  
Delta R.T.: -0.018 min  
Response: 9052  
Conc: 2.44 ng/ml



#36 AR-1262-1

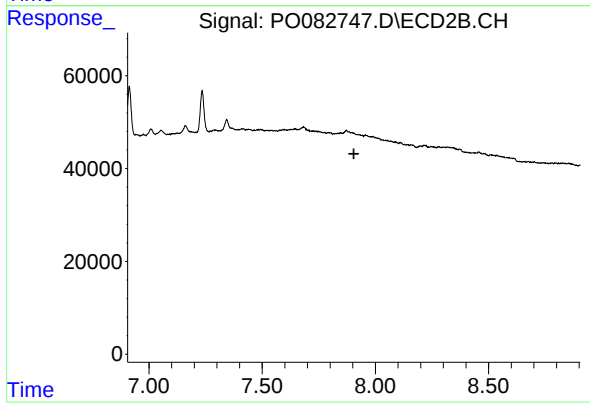
R.T.: 7.343 min  
Delta R.T.: -0.007 min  
Response: 32692  
Conc: 27.35 ng/ml



#37 AR-1262-2

R.T.: 9.199 min  
Delta R.T.: -0.006 min  
Response: 38161  
Conc: 5.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.905 min  
Response: 0  
Conc: N.D.