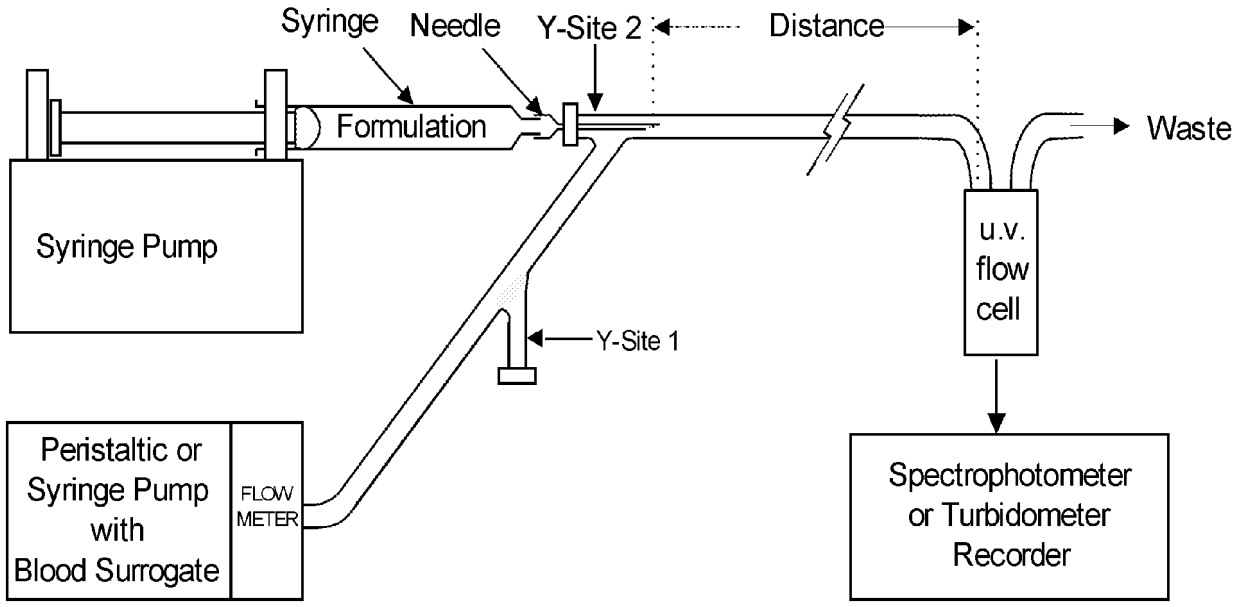

Syringe
Needle
Y-Site 2
Distance
Formulation
Waste
Syringe Pump
u.v.
flow
cell
Y-Site 1
Peristaltic or
Syringe Pump
with
Blood Surrogate
FLOW
METER
Spectrophotometer
or Turbidometer
Recorder

FIG. 1

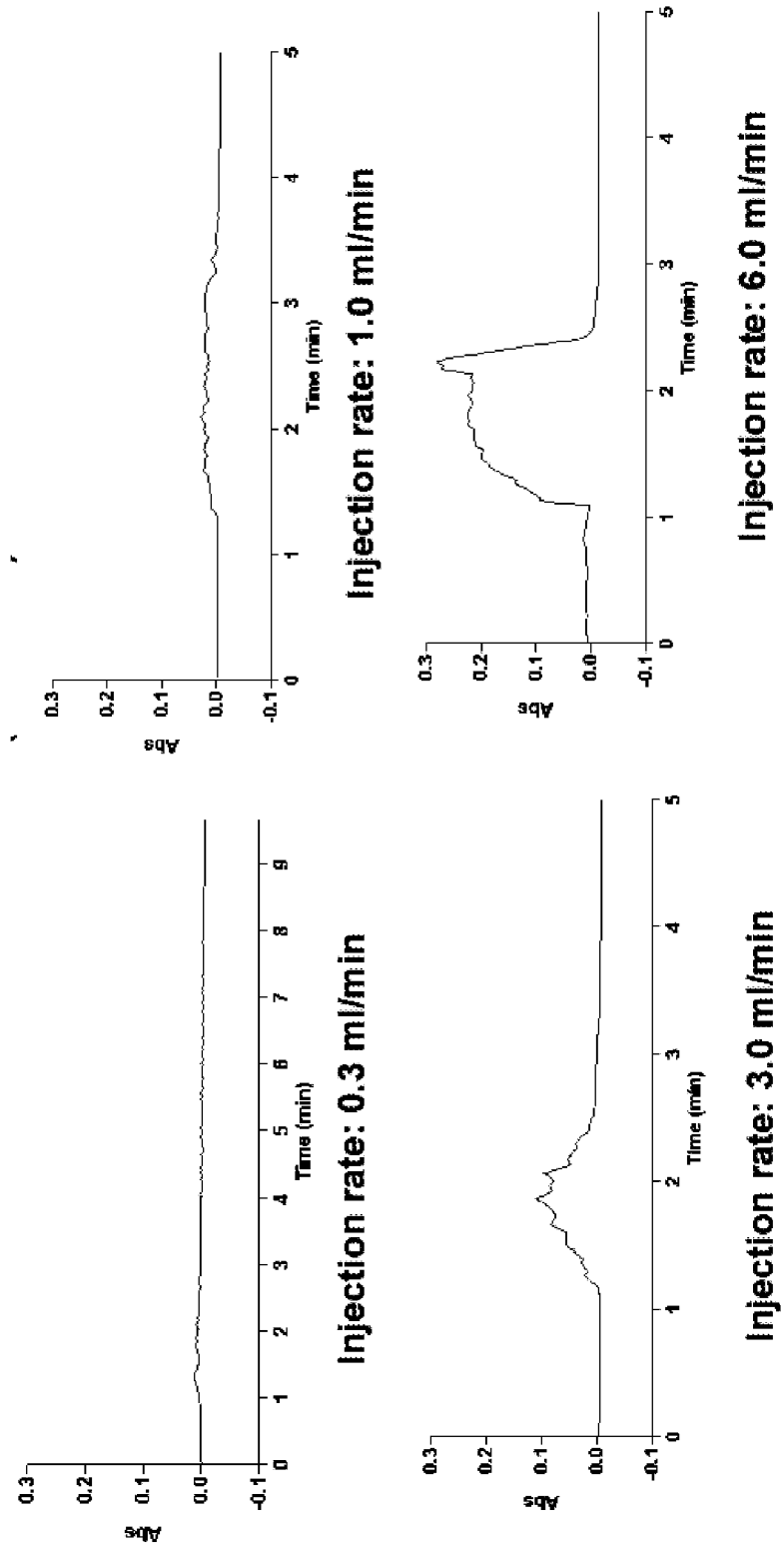

Injection rate: 1.0 ml/min
Injection rate: 6.0 ml/min
Injection rate: 0.3 ml/min
Injection rate: 3.0 ml/min
Abs
Time (min)

FIG. 2

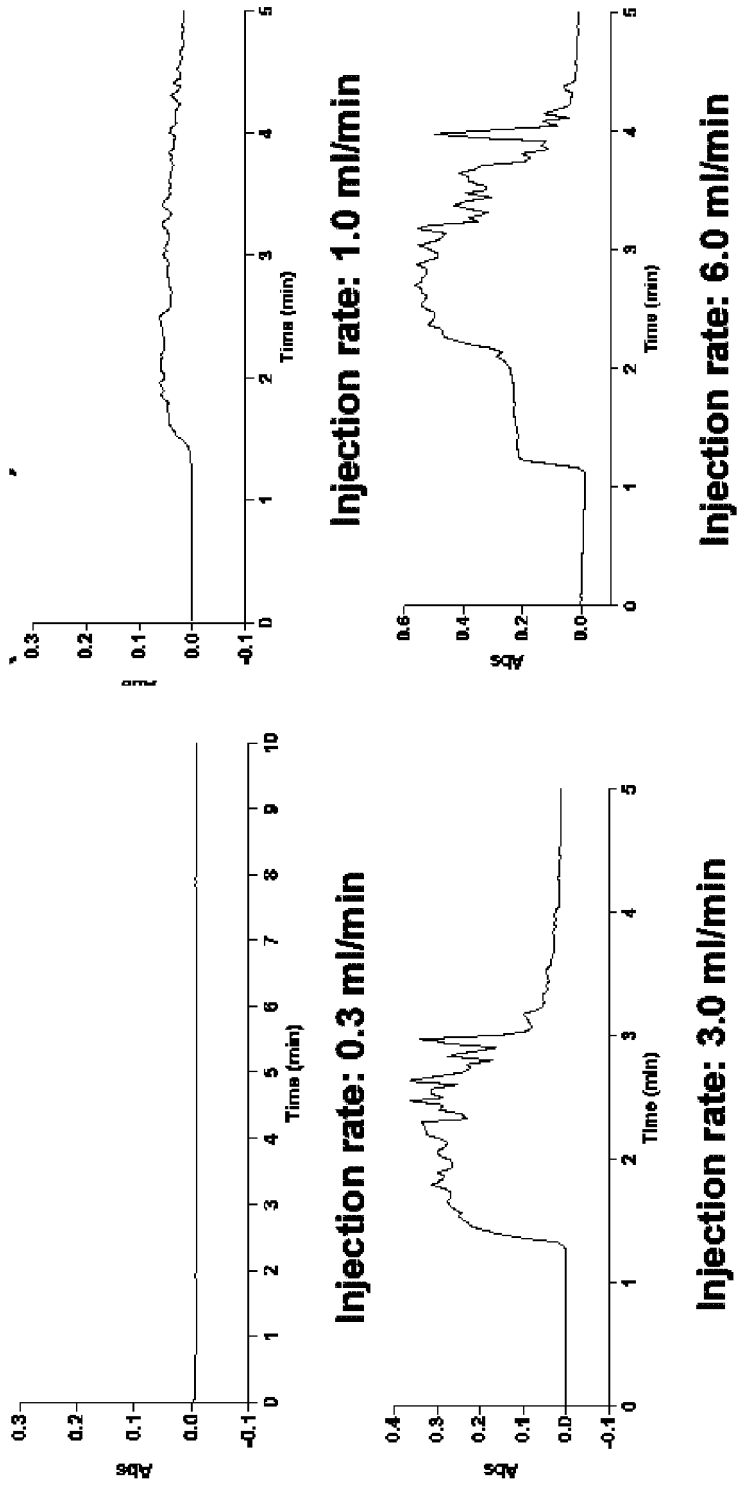

Injection rate: 1.0 ml/min
Injection rate: 6.0 ml/min
Injection rate: 0.3 ml/min
Injection rate: 3.0 ml/min
Abs
Time (min)

FIG. 3

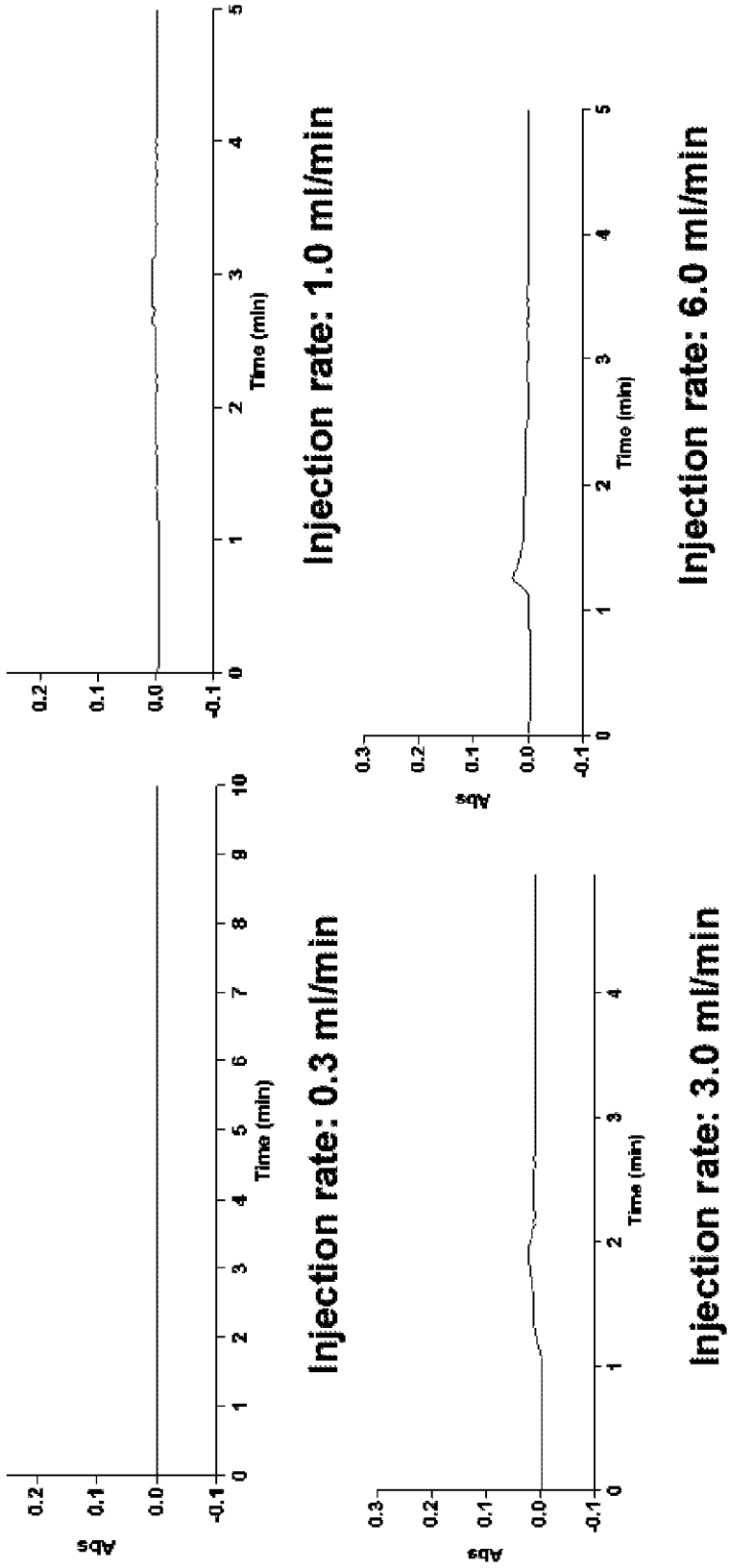
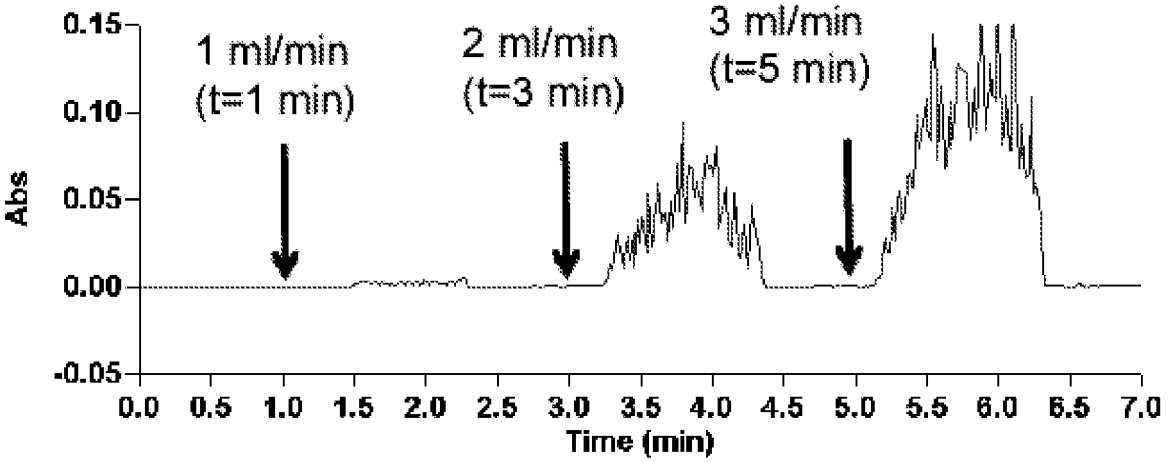
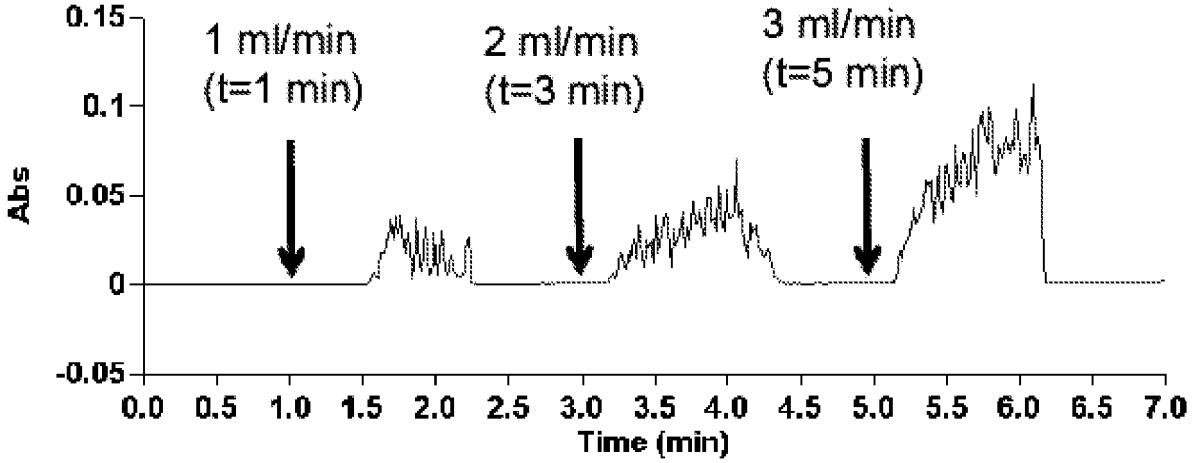

Injection rate: 0.3 ml/min
Injection rate: 1.0 ml/min
Injection rate: 3.0 ml/min
Injection rate: 6.0 ml/min
Abs
Time (min)

FIG. 4

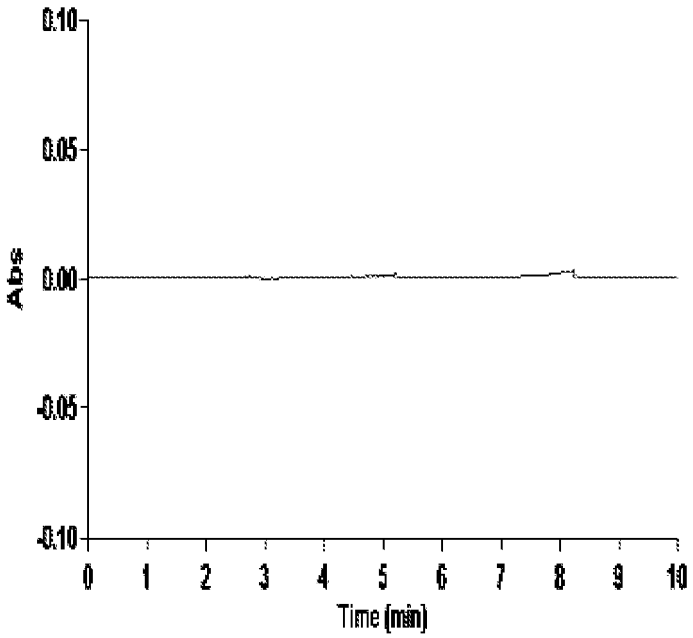


3mg/ml CEM-101 in 5mM citrate



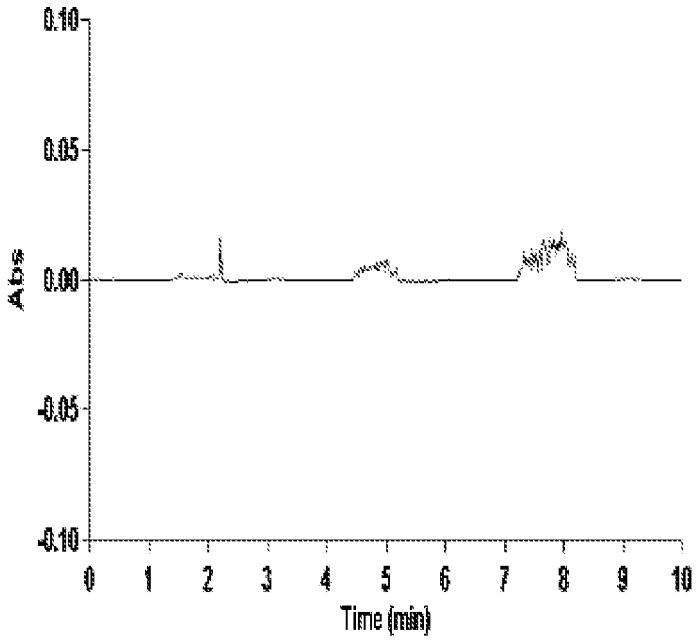
3mg/ml CEM-101 in 0.45% saline

FIG. 5



CEM-101 2mg/ml
0.5% Lactic acid
0.5% Saline

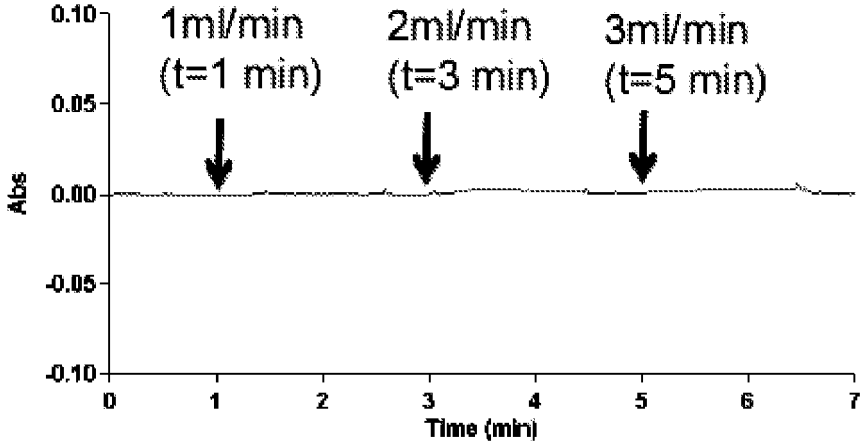
FIG. 6A



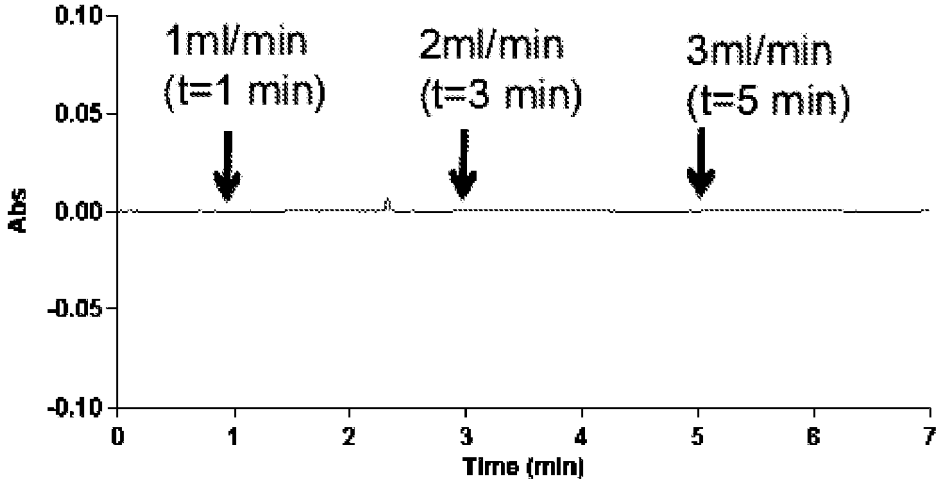
CEM-101 2 mg/mL

0.45% Saline

FIG. 6B



2mg/ml CEM-101-1% lactate in 0.45% saline



1mg/ml CEM-101-1% lactate in 0.45% saline

FIG. 7

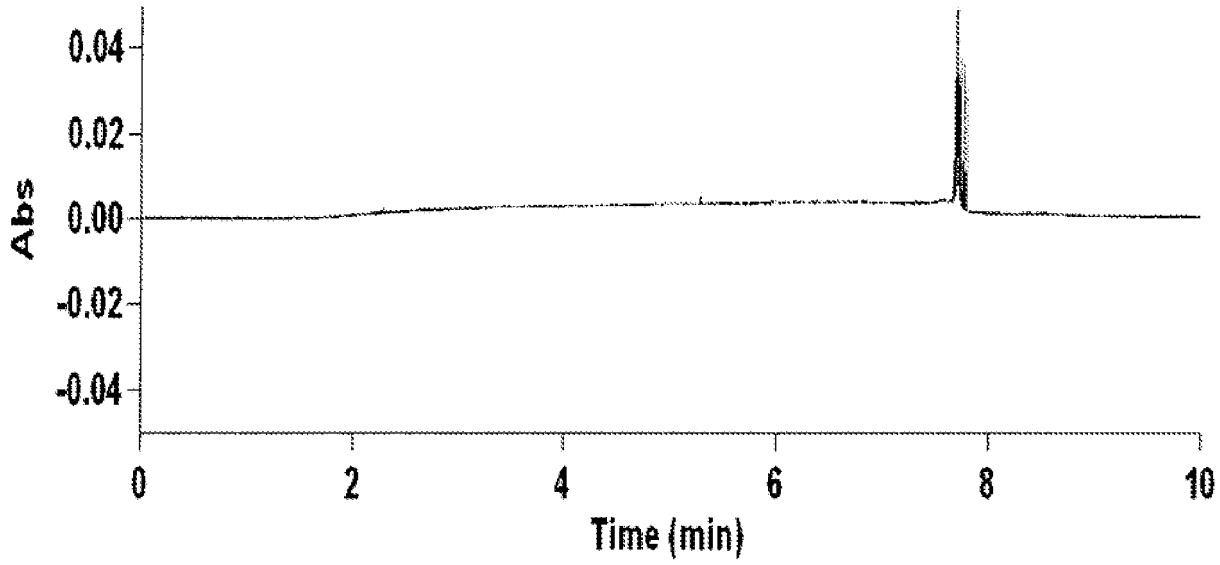


FIG. 8