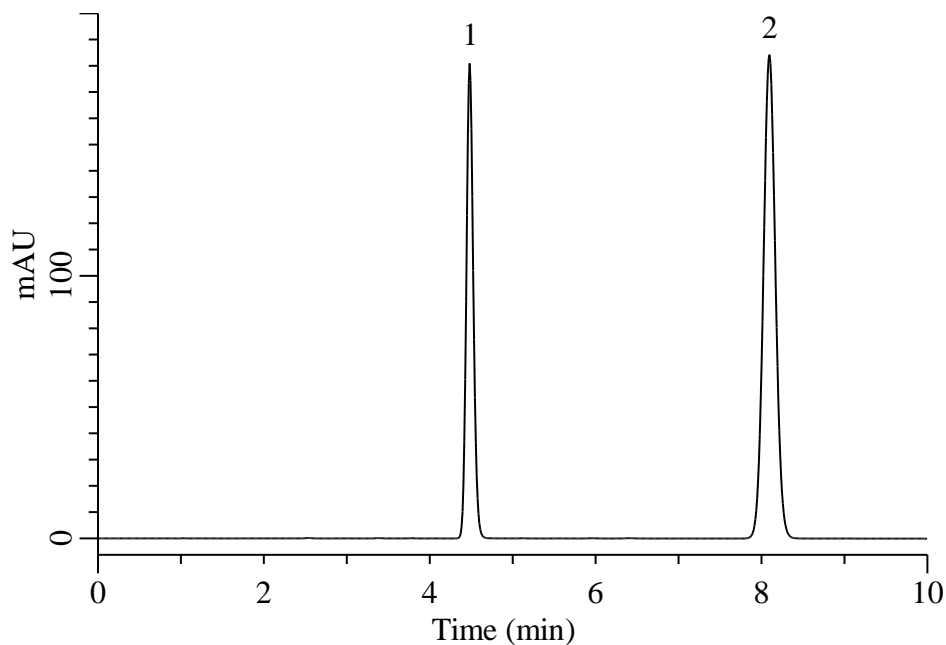


Analysis of Fenofibrate

(Under the Condition of the Japanese Pharmacopoeia 18th)



Conditions

System : Primaide HPLC system (HITACHI)
Column : Inertsil ODS-4 (GL Sciences Inc.)
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-03945
Eluent : A) CH₃CN
 B) Buffer*
 A/B = 70/30, v/v
Flow Rate : 0.6 mL/min
Col. Temp. : 40 °C
Detection : UV 286 nm
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. 4-Chlorobenzophenone	44 mg/L
2. Fenofibrate	40 mg/L
Resolution (1, 2)	: 17.2 (≥ 10)
RSD of the peak area ratio of 2 to 1 (%) (n=6)	: 0.07 (≤ 1.0)

*Dissolve 3.1 g of sodium dihydrogen phosphate dihydrate in 1000 mL of water, and adjust the pH to 3.0 with diluted phosphoric acid (1 in 10).