

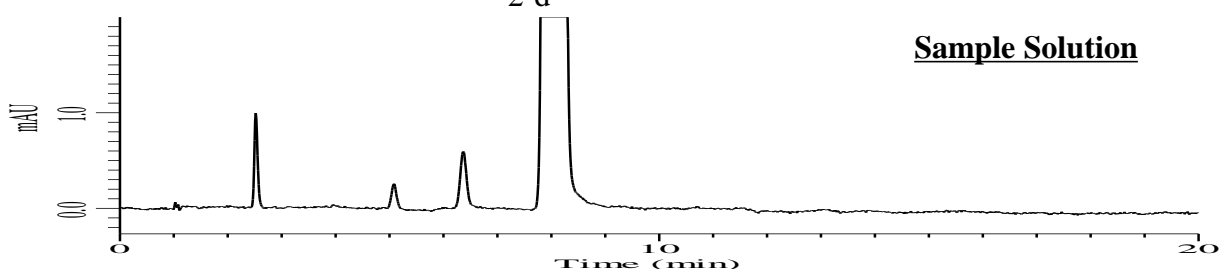
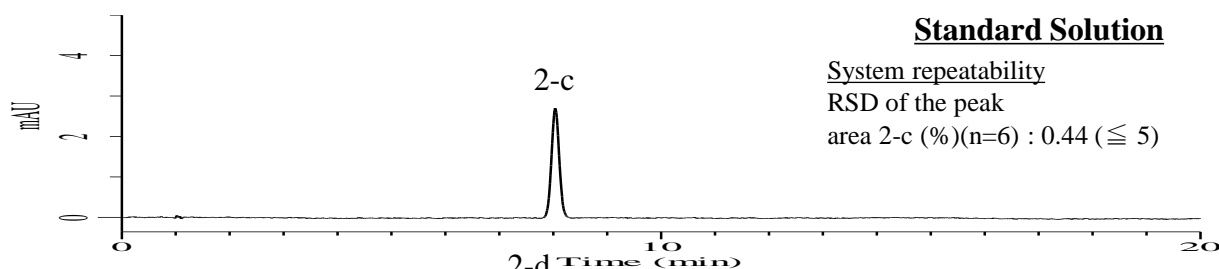
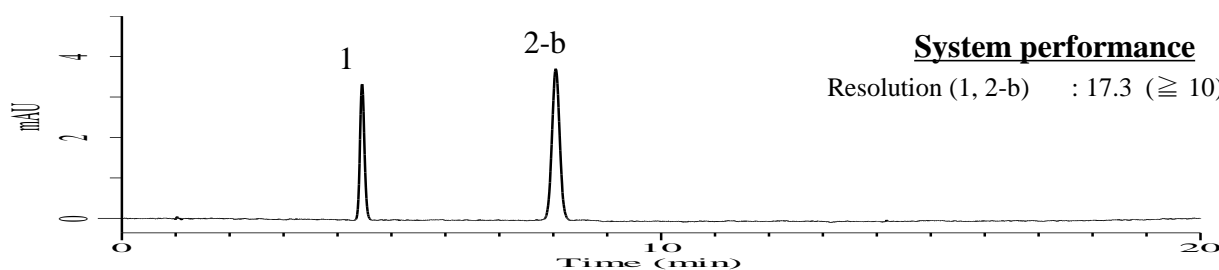
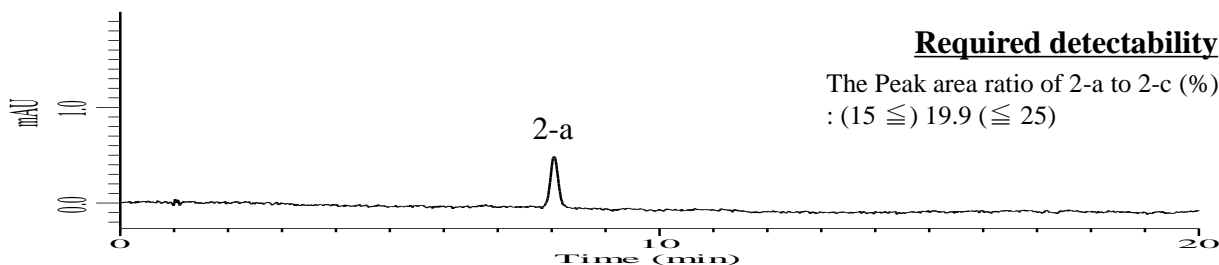
# InertSearch™ for LC

Inertsil® Applications

## Analysis of Fenofibrate

(Under the Condition of the Japanese Pharmacopoeia 18th)

Data No. LB756-0919



### Conditions

**System** : Primaide HPLC system (HITACHI)

**Column** : Inertsil ODS-4 (GL Sciences Inc.)  
(5 μm, 150 x 4.6 mm I.D.)

**Column Cat. No.** : 5020-03945

**Eluent** : A) CH<sub>3</sub>CN  
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 μL

**Sample** : Standard

### Analyte:

1. 4-Chlorobenzophenone
2. Fenofibrate

\*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).