

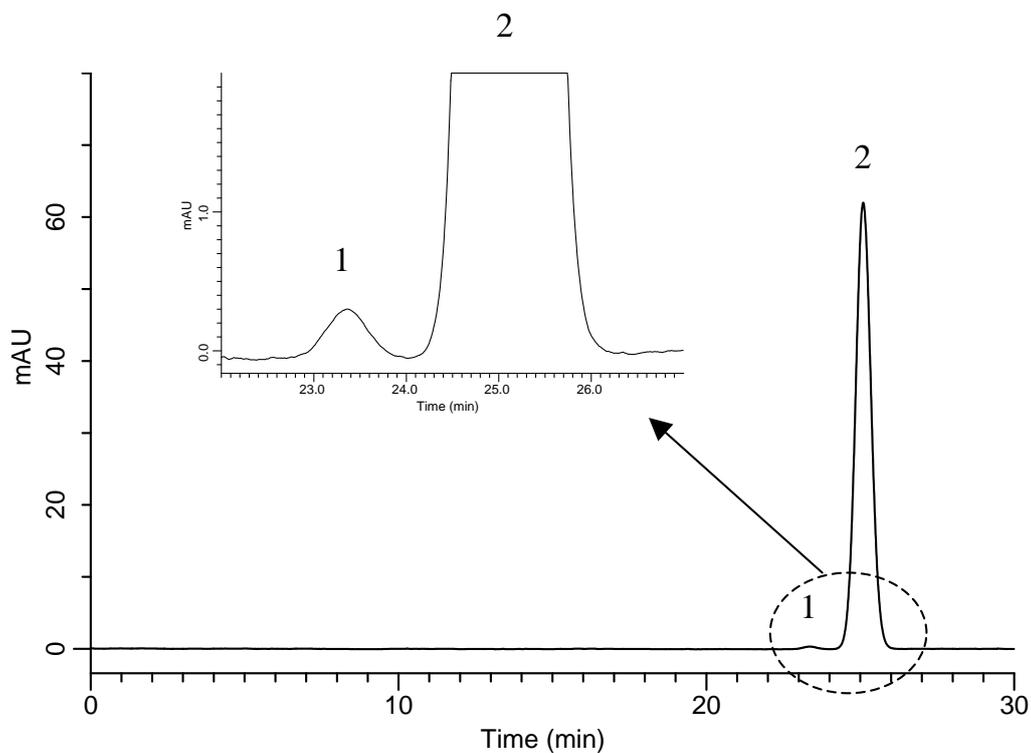
InertSearch™ for LC

Inertsil® Applications

Analysis of *p*-Hydroxybenzoic acid *n*-butyl ester

(Under the Condition of Japanese Pharmacopoeia)

Data No. LB100-0894



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-4
(5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-03945
Eluent : A) CH₃OH
B) 50 mM KH₂PO₄
A/B = 1/1, v/v
Flow Rate : 1.3 mL/min
Col. Temp. : 35 °C
Detection : UV 272 nm (GL-7452 PDA Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. *p*-Hydroxy benzoic acid *iso*-butyl ester 0.5 mg/L
2. *p*-Hydroxy benzoic acid *n*-butyl ester 99 mg/L

Relative retention time (1 to 2) : 0.93 (about 0.9)

Resolution (1, 2) : 1.92 (\geq 1.5)