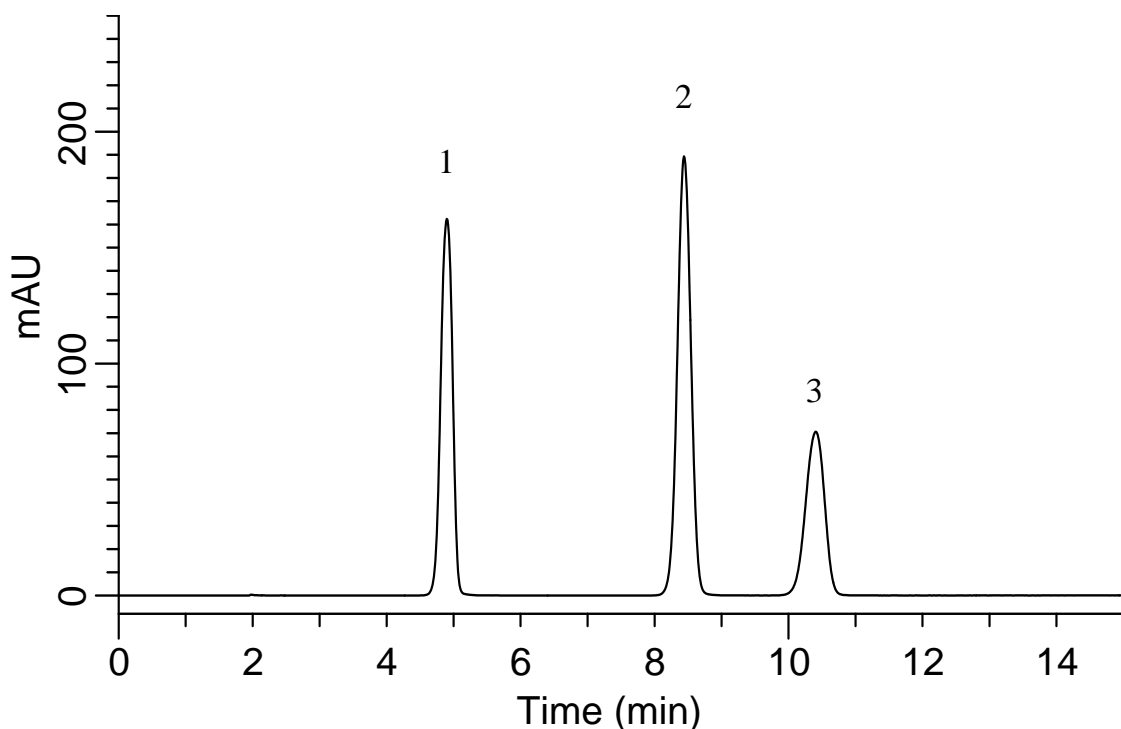


InertSearch™ for LC

Inertsil® Applications

Analysis of Acetaminophen and Caffeine

Data No. LB395-0602



Conditions

System : GL7700 HPLC system
Column : InertSustainSwift C18
(5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-88026
Eluent : A) CH₃CN
B) 0.1 % H₃PO₄ in H₂O
A/B = 7/93, v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 275 nm (PD7752 PDA Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Acetaminophen (4.90)	240 mg/L
2. <i>p</i> -Hydroxybenzoic Acid (8.44)	71.4 mg/L
3. Caffeine (10.40)	50 mg/L

() はRetention Time

Resolution (1,2) : 10.0

Resolution (2,3) : 4.3