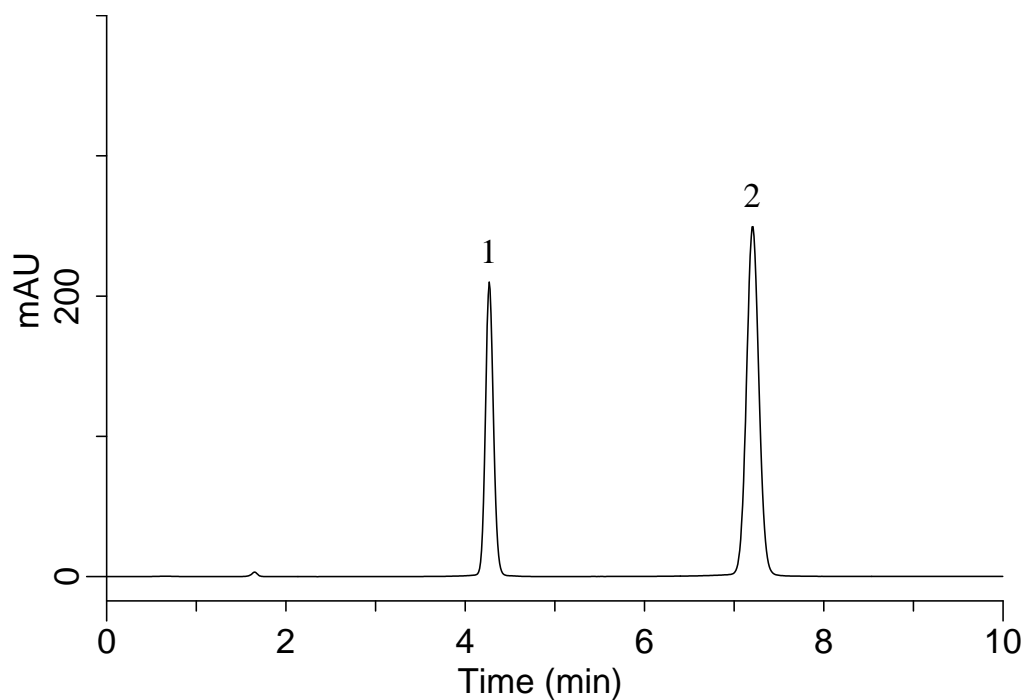


InertSearch™ for LC

Inertsil® Applications

Analysis of Furfural and 5-Hydroxymethylfurfural

Data No. LB361-0919



Conditions

System : GL7700 HPLC system
Column : InertSustain AQ-C18
(5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-89730
Eluent : A) CH₃CN
B) H₂O
A/B = 10/90, v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 275 nm (PD7752 PDA Detector)
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. 5-Hydroxymethylfurfural 10 mg/L
2. Furfural 10 mg/L