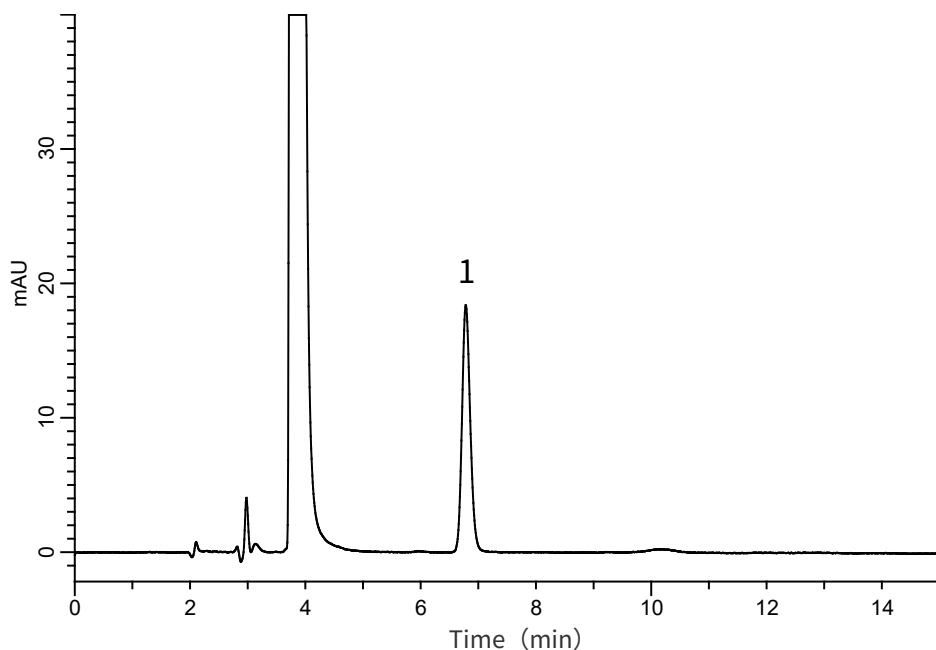


InertSearch™ for LC

Inertsil® Applications

Analysis of Taurine derivatized with Dansyl Chloride (DNS-Cl)

Data No. LB335-0848



Conditions

System : GL7700 HPLC system
Column : InertSustain C18
(5 µm, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-07346
Eluent : A) CH₃CN
B) 10 mM CH₃COONa in H₂O
(pH4.2, CH₃COOH)
A/B = 30/70, v/v
Flow Rate : 1.0 mL/min
Col. Temp. : Room Temp.
Detection : UV 254 nm (UV7750 UV Detector)
Injection Vol. : 20 µL
Sample : Standard

Analyte:

1. Dansyl-Taurine (5.0 mg/L*)
*Derivatization
Taurine (5.0 mg/L) 1.0 mL
Sodium Carbonate Buffer (80 mM, pH9.5) 1.0 mL
Dansyl Chloride (1.5 mg/mL) 1.0 mL
Methyl amine (20 mg/mL) 0.1 mL