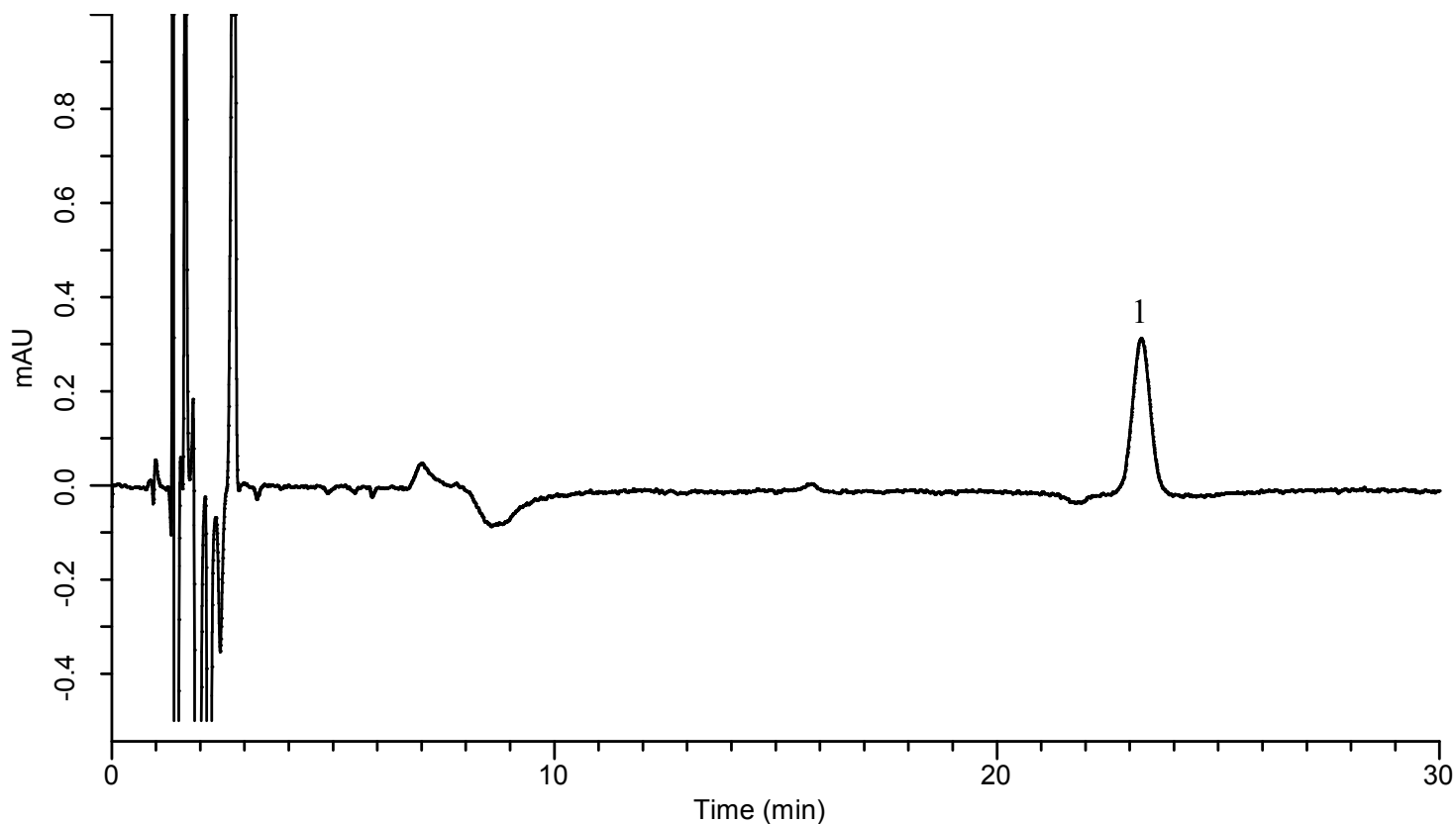


InertSearch™ for LC

Inertsil™ Applications

Analysis of Mirtazapine

Data No. LB556-0812



Conditions

System : GL7700 HPLC system
Column : InertSustain C18 (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-07346
Eluent : CH₃CN/CH₃OH/THF/Buffer* = 15/12.5/7.5/65, v/v
Flow rate : 1.5 mL/min
Col. Temp. : 40 °C
Detection : UV 240 nm (UV7750 UV Detector)
Injection Vol. : 10 μ L
Sample : Standard

Analyte:

1. Mirtazapine 1.5 mg/L
Symmetry factor (1) : 1.01
RSD of the peak area of 1 (%) (n=6) : 1.68

* Dissolve 18 g of tetramethylammonium hydroxide pentahydrate in 950 mL of water.

Adjust with phosphoric acid to a pH of 7.4. Dilute with water to 1 L.