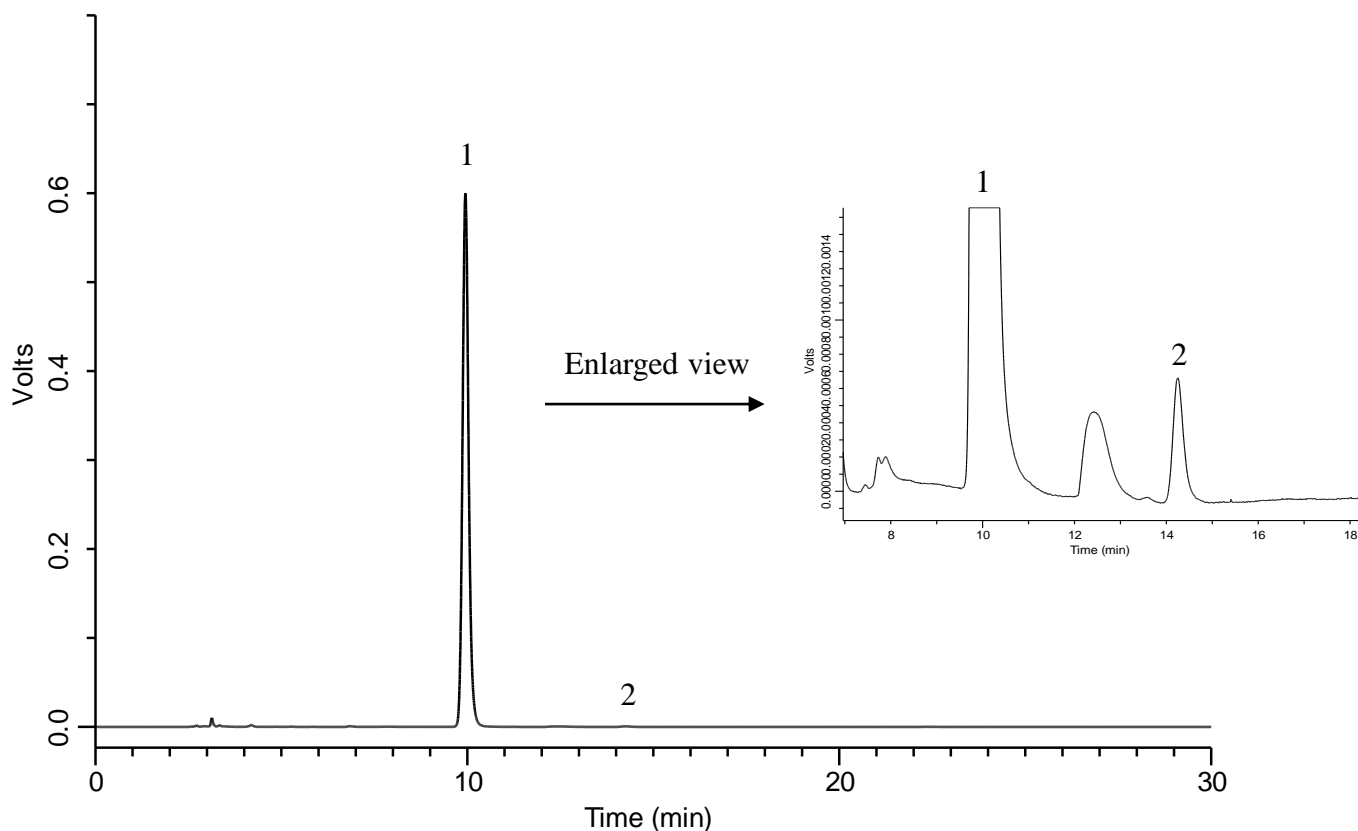


InertSearch™ for LC

Inertsil™ Applications

Analysis of Levocetirizine

Data No. LB617-0812



Conditions

Column : Inertsil SIL-100A (5 μ m, 250 x 4.6 mm I.D.)
Column Cat. No. : 5020-01712
Eluent : CH₃CN/H₂O/1 M H₂SO₄ = 93/6.6/0.4, v/v/v
Flow rate : 1.0 mL/min
Col. Temp. : 30 °C
Detection : UV 230 nm (UV7750 UV Detector)
Injection Vol. : 20 μ L
Sample : Standard

Analyte:

1. Levocetirizine 0.2 mg/mL
2. Chlorobenzhydryl Piperazine 0.2 μ g/mL

Resolution (1,2) : 11.8
Symmetry factor of (1) : 1.16
RSD of the peak area of 1 (%) (n=6) : 0.11
RSD of the peak area of 2 (%) (n=6) : 2.76