

CoreFocus
Report
No.91

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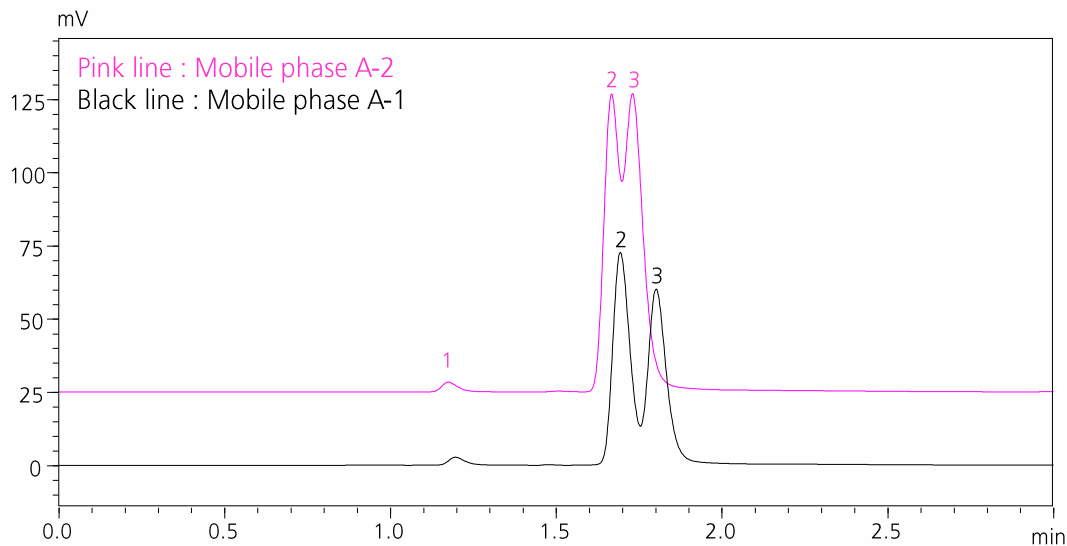
Hydrophilic Interaction (HILIC)

Shim-pack™ Series

Shim-pack Velox™ HILIC

Analysis of Hydrophilic Mixture ④ with Bare Silica Column

Keywords: HILIC comparison test, theobromine, theophylline



- 1. Toluene (0.1 mg/mL)
- 2. Theophylline (0.1 mg/mL)
- 3. Theobromine (0.1 mg/mL)

System	: Nexera™ X2
Column	: Shim-pack Velox HILIC (100 mm x 2.1 mm I.D., 2.7 μm), P/N : 227-32025-03
Column oven temp.	: 30 °C
Mobile phase	: A-1: 20 mmol/L Ammonium acetate (pH 4.7) , A-2: 100 mmol/L Ammonium acetate (pH 4.7) B: Acetonitrile, A/B (v/v) = 10/90 (Isocratic flow)
Flow rate	: 0.2 mL/min
Injection volume	: 1 μL
Detection	: UV 254 nm
Sample	: Standard in Mobile phase A-1/Acetonitrile (v/v) = 10/90
Vial	: TORAST™ Vial, P/N : GLCTV-801

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