

CoreFocus
Report
No.84

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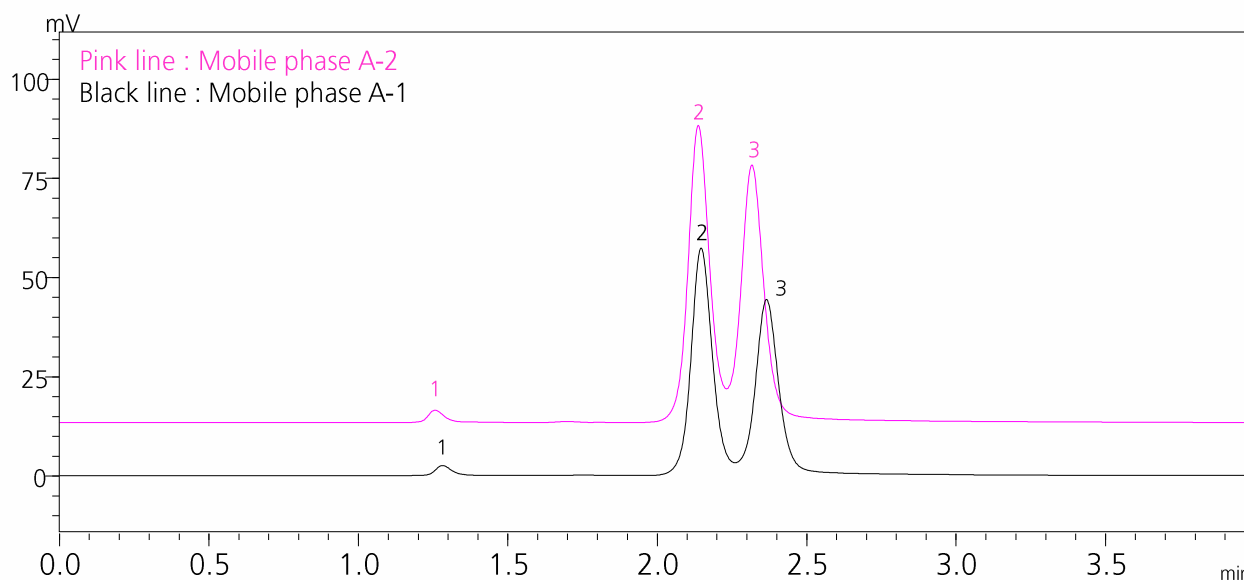
Hydrophilic Interaction (HILIC)

Shim-pack Series

Shim-pack™ GIST Amide

Analysis of Hydrophilic Mixture ④ with Amide 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 GIST Amide (100 mm x 2.1 mm I.D., 3 μm), P/N : 227-30818-04
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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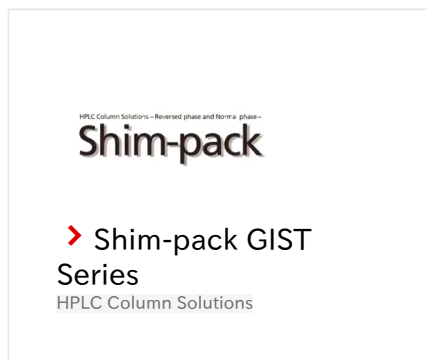
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