

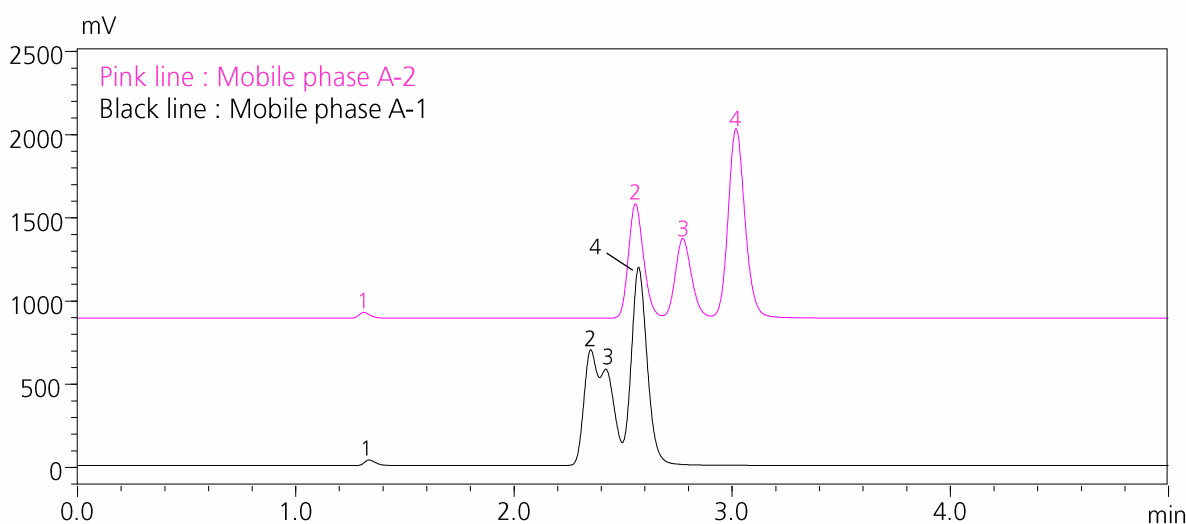
**CoreFocus**  
**Report**  
**No.85**

LC Hydrophilic Interaction (HILIC) Shim-pack™ Series

**Shim-pack Scepter™ Diol-HILIC-120**

**Analysis of Hydrophilic Mixture ① with Diol Column**

Keywords: nucleosides, HILIC comparison test



1. Toluene (1.0 mg/mL)
2. 2'-methyluridine (0.5 mg/mL)
3. 5'-methyluridine (0.5 mg/mL)
4. Uridine (1.0 mg/mL)

System	: Nexera™ X2
Column	: Shim-pack Scepter Diol-HILIC-120 (100 mm x 2.1 mm I.D., 3 μm), P/N : 227-31045-05
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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