

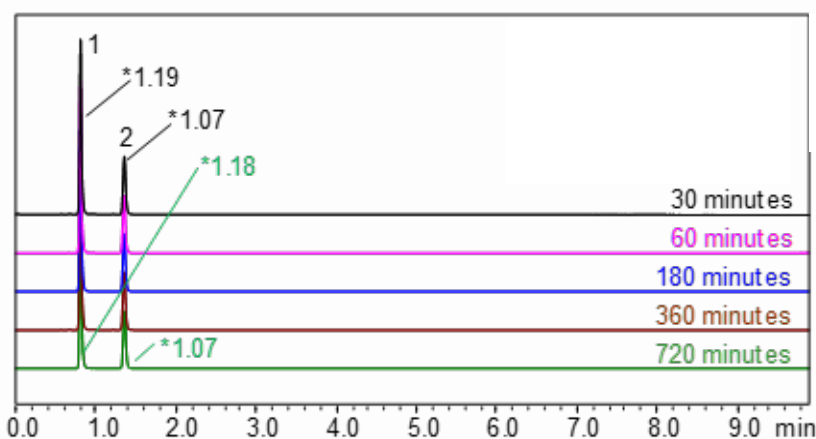
**CoreFocus**  
**Report**  
**No.131**

LC Reversed-phase Shim-pack™ Series

**Shim-pack Arata™ C18**

**Analysis of Dextromethorphan and Amitriptyline**

**Keywords: DXM, cold medicine, antidepressants, TCAs**



1. Dextromethorphan  
2. Amitriptyline  
(100 mg/L each)  
\*Symmetry factor

System	: Nexera™ X2
Column	: Shim-pack Arata C18 (75 mm L × 3.0 mm I.D., 2.2 μm), P/N : 227-32802-02
Mobile phase	: 0.1 % Formic acid in water/Acetonitrile = 70/30(v/v)
Flow rate	: 0.4 mL/min
Column temp.	: 40 °C
Injection vol.	: 1 μL
Detection	: SPD-M30A at 280 nm

Source : Application News L.534 ([JP](#), [ENG](#))

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