

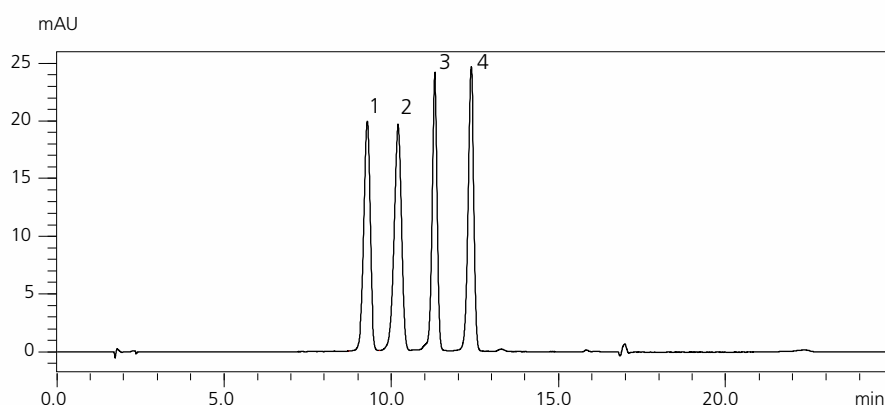
**CoreFocus**  
**Report**  
**No.203**

LC Reversed-phase Shim-pack Series

**Shim-pack™ GIST-HP C18**

**Analysis of Anthocyanins**

**Keywords: flavonoid, antioxidant**



1. Delphinidin-3-galactoside
2. Delphinidin-3-glucoside
3. Cyanidin-3-galactoside
4. Chrysanthem-3-glucoside

System	: Nexera™ X3
Column	: Shim-pack GIST-HP C18 (150 mm x 4.6 mm I.D., 3 µm), P/N : 227-30041-05
Mobile phase	: A) 2 % Formic acid in H <sub>2</sub> O B) 2 % Formic acid in H <sub>2</sub> O /Acetonitrile=1/1 (v/v)
Time program	: B conc. 15% (0.00-3.00 min) -> 30% (15.00 min) -> 100% (15.01-20.00 min) -> 15% (20.01-25.00 min)
Flow rate	: 1.0 mL/min (Maximum pressure: 16 MPa)
Column temp.	: 40°C
Injection volume	: 10 µL
Detection	: 520 nm (W lamp)

Source : Application News 01-00185 ([JP](#))

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