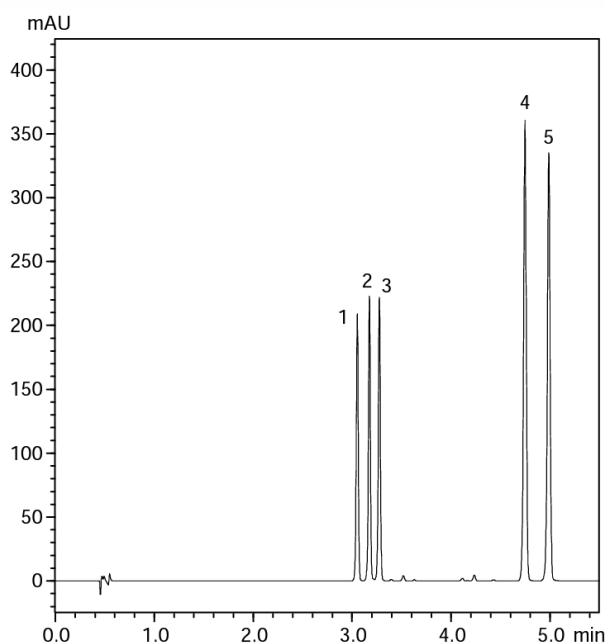


LC Reversed-phase Shim-pack Series

**Shim-pack™ XR-ODS**

**Analysis of Flavanones in Citrus**

**Keywords: Food science, Flavonoid**



- 1. Narirutin
- 2. Naringin
- 3. Hesperidin
- 4. Naringenin
- 5. Hesperetin B

Column	: Shim-pack XR-ODS (75 mm x 3.0 mm I.D., 2.2 μm), P/N : 228-41606-93
Mobile phase	: A: 10 mmol/L Ammonium formate buffer (pH 3.7) / Acetonitrile = 9 / 1 ( v / v ) B: 10 mmol/L Ammonium formate buffer (pH 3.7) / Acetonitrile = 2 / 8 ( v / v )
Time program	: 0%B (0.00 min) → 50%B (5.00 min) → 100%B (5.01-6.00 min) → 0%B (6.01-9.00 min)
Flow rate	: 1.0 mL/min
Column temperature	: 35°C
Injection volume	: 2 μL
Detection	: UV 258 nm, Semi-micro flow cell

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