

CoreFocus
Report
No.529

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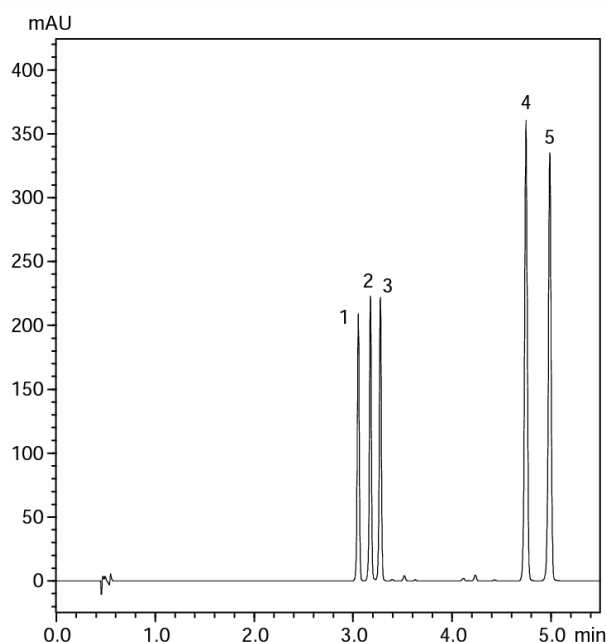
Reversed-phase

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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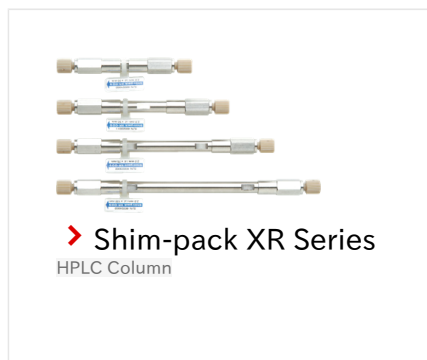
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