

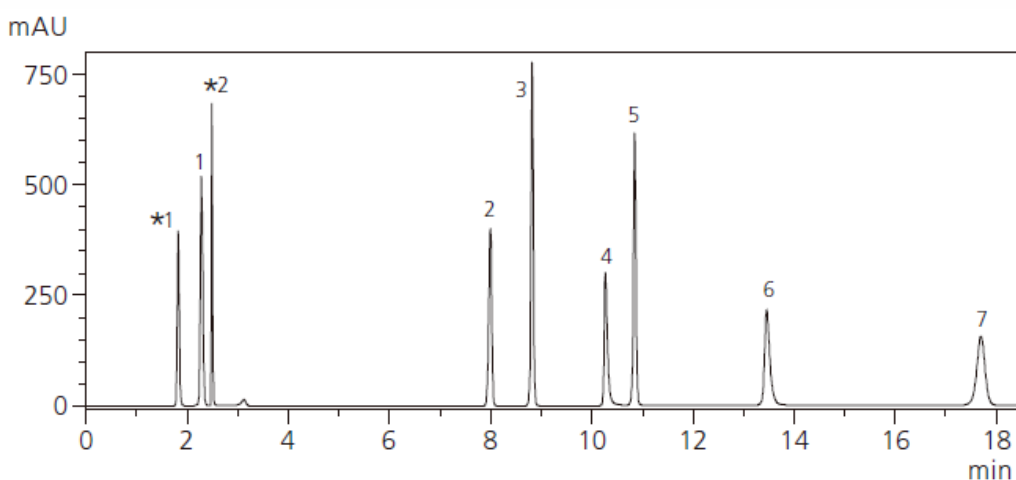
CoreFocus
Report
No.184

LC Reversed-phase Shim-pack Series

Shim-pack™ MAqC-ODS I

Determination of Cold Medicine

Keywords: antipyretic, analgesic, antihistamine



- 1. Thiamine
- 2. Acetaminophen
- 3. Caffeine
- 4. Chlorpheniramine
- 5. Ethenzamide
- 6. Isopropylantipyrine
- 7. Ibuprofen
- *1 Nitric acid
- *2 Maleic acid (100 mg/L each)

Column	: Shim-pack MAqC-ODS I (150 mm L. × 4.6 mm I.D., 5 μm), P/N : 228-59936-91
Mobile phase	: A) 20 mmol/L Phosphate (sodium) buffer (pH 2.5) B) Acetonitrile
Time program	: B Conc.1 % (0 min) → 1 % (2min) → 50 % (8 min)→ 50 % (18 min) → 1 % (18.01 min → 23 min)
Flow rate	: 1.0 mL/min
Column temp.	: 40 °C
Detection	: SPD-M20A at 220 nm
Injection vol.	: 10 μL

Source : Application News L460 ([JP](#), [ENG](#))

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