

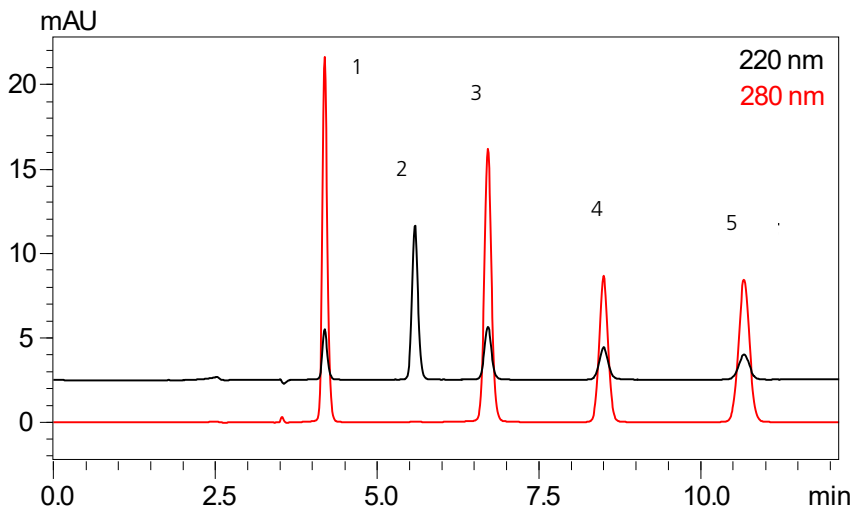
CoreFocus
Report
No.158A

LC Reversed-phase Shim-pack Series

Shim-pack™ VP-ODS

Analysis of Furanic Compounds (Furfural)

Keywords: Insulation oil



1. 5-Hydroxymethyl-2-furaldehyde (5HMF)
 2. Furfuryl alcohol (2FOL)
 3. 2-Furaldehyde (2FAL)
 4. 2-Acetylfuran (2ACF)
 5. 5-Methyl-2-furaldehyde (5MEF)
- (each 1000 µg/L)

System	: Prominence™i
Column	: Shim-pack VP-ODS (250 mm x 4.6 mm I.D., 5 µm), P/N : 228-34937-92
Mobile phase	: A: water B: acetonitrile
Time program	: B conc. 20% (0-10 min) → 100% (10.01-20 min) → 20% (20.01-40 min)
Flow rate	: 1 mL/min
Column temp.	: 40 °C
Injection vol.	: 15 µL
Detection	: PDA 220 nm, 280 nm
Vial	: TORAST-H™ Glass Vial, P/N: 370-04300-01

Source : Application News L562 ([JP](#), [ENG](#))

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