

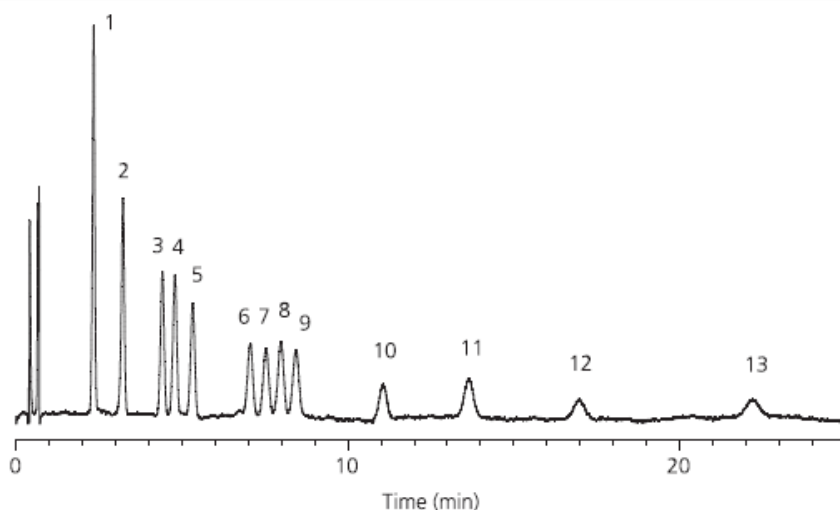
CoreFocus
Report
No.221

LC Reversed-phase Shim-pack Series

Shim-pack™ GIST-HP C18

Analysis of 13 DNPH Aldehydes

Keywords: DNPH, aldehyde



1. DNPH-Formaldehyde
2. DNPH-Acetaldehyde
3. DNPH-Acetone
4. DNPH-Acrolein
5. DNPH-Propionaldehyde
6. DNPH-Crotonaldehyde
7. DNPH-Methylethylketone
8. DNPH-Methacrolein
9. DNPH-n-Butyraldehyde
10. DNPH-Benzaldehyde
11. DNPH-n-Valeraldehyde
12. DNPH-m-Tolualdehyde
13. DNPH-Hexanal
(150 µg/L each)

Column	: Shim-pack GIST-HP C18 (150 mmL. × 3.0 mm I.D., 3 µm), P/N : 227-30040-05
Mobile phase	: A) H ₂ O B) CH ₃ CN C) THF A/B/C = 55/35/10, v/v/v
Flow rate	: 1.5 mL/min
Column temp.	: 40 °C
Detection	: UV 360 nm
Injection vol.	: 10 µL

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