

CoreFocus Report

No.210

LC

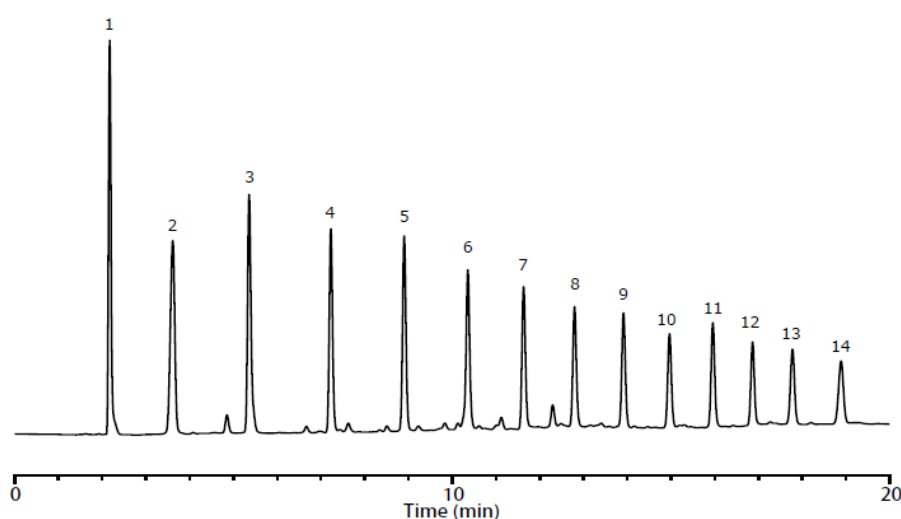
Reversed-phase

Shim-pack™ Series

Shim-pack GIST C18

Analysis of Linear Fatty Acids

Keywords: Carboxylic acid, Organic acid



- | | |
|------------------------|-------|
| 1. Acetic acid | (C2) |
| 2. Propionic acid | (C3) |
| 3. Butyric acid | (C4) |
| 4. Valeric acid | (C5) |
| 5. Caproic acid | (C6) |
| 6. Enanthic acid | (C7) |
| 7. Caprylic acid | (C8) |
| 8. Pelargonic acid | (C9) |
| 9. Capric acid | (C10) |
| 10. Undecanoic acid | (C11) |
| 11. Lauric acid | (C12) |
| 12. Tridecanoic acid | (C13) |
| 13. Myristic acid | (C14) |
| 14. Pentadecanoic acid | (C15) |
- (1 mg/mL each)

Column	: Shim-pack GIST C18 (150 mmL. x 4.6 mmL.D., 5 µm), P/N : 227-30017-07
Mobile phase	: A) 0.1 % H ₃ PO ₄ in Water B) 0.1 % H ₃ PO ₄ in Acetonitrile
Gradient program	: B conc. 10% (0 min) →90% (15 – 25 min) →10% (25.01-35 min)
Flow Rate	: 1.0 mL/min
Column temp.	: 40 °C
Detection	: UV 210 nm
Injection Vol.	: 10 µL

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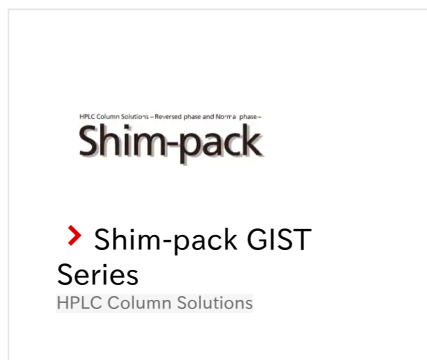
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