

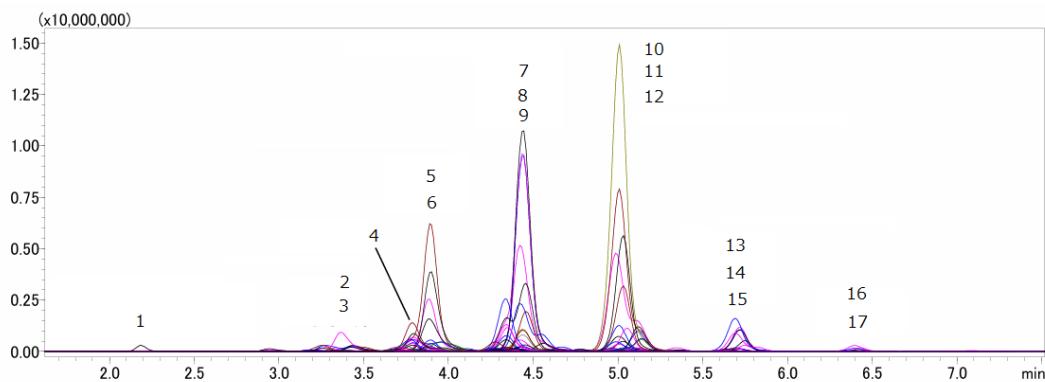
CoreFocus
Report

No.569

LC-MS Reversed-phase Shim-pack™ Series

Shim-pack Velox™ C18
Analysis of Triglycerides in Human Blood

Keywords: neutral fat, neutral lipid



- 1. TG54:9
- 2. TG52:5
- 3. TG 54:6
- 4. TG50:3
- 5. TG52:4
- 6. TG 54:5
- 7. TG 50:2
- 8. TG52:3
- 9. TG 54:4
- 10. TG 50:1
- 11. TG52:2
- 12. TG 54:3
- 13. TG50:0
- 14. TG52:1
- 15. TG 54:2
- 16. TG52:0
- 17. TG 54:1

[HPLC conditions] (Nexera™)

Column : Shim-pack Velox C18,
 50 mm x 2.1 mm I.D., 2.7 μ m*
Column oven : 45 °C
Solvent A : 20 mmol/L Ammonium formate in H₂O
Solvent B : 2-propanol/Acetonitrile (80/20, v/v)
Flow rate : 0.4 mL/min
Injection vol. : 3 μ L

1*: P/N: 227-32009-02

[MS conditions] (LCMS-8060)

Ionization : ESI , Positive
Mode : MRM
Nebulizing gas flow : 2.5 L/min
Drying gas flow : 10.0 L/min
Heating gas flow : 10.0 L/min
DL temp. : 250 °C
Heat block temp. : 400 °C
Interface temp. : 150 °C
CID gas pressure : 230 kPa

Source : Application News 01-00205 ([JP](#),[ENG](#))

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