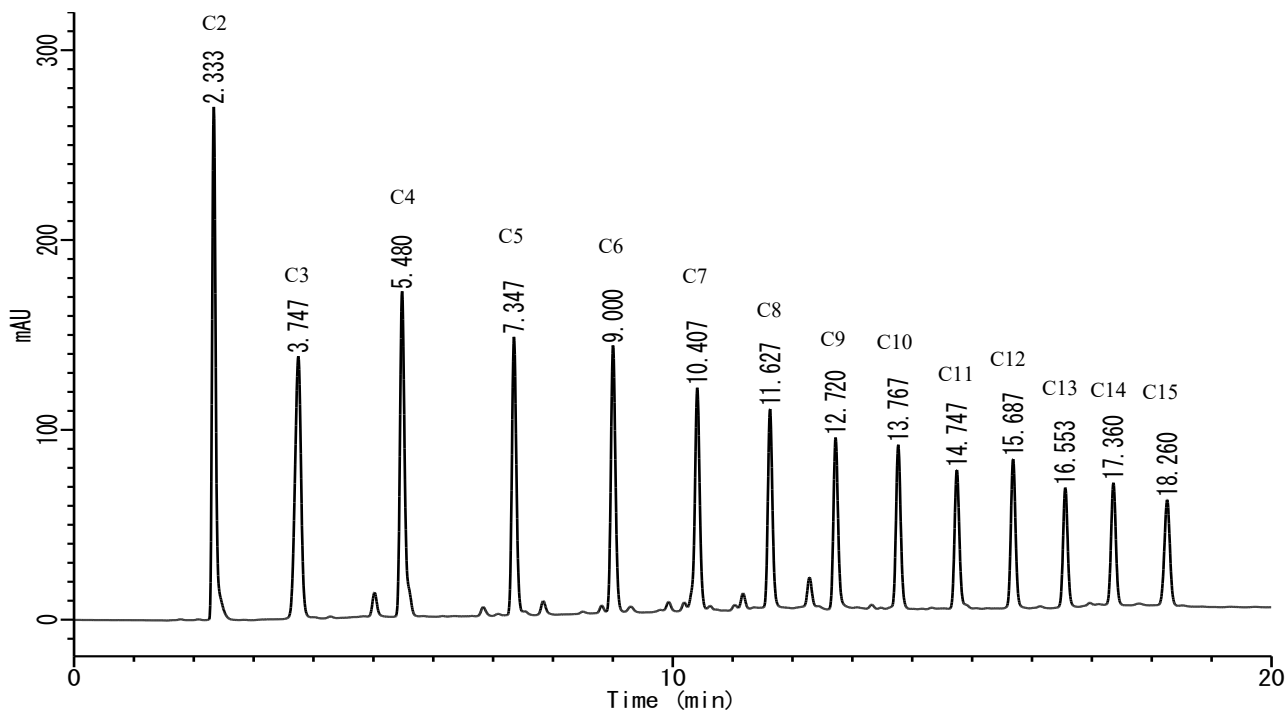


Analysis of linear fatty acids (Inertsil ODS-4)



Conditions

System : LC800 HPLC system
Column : Inertsil ODS-4 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-03945
Eluent : A) 0.1 % H_3PO_4 in CH_3CN
 B) 0.1 % H_3PO_4 in H_2O
 A/B = 10/90 -15 min- 90/10 -10 min- 90/10, v/v
 (Mixed by a gradient mixer)
Flow Rate : 1.0 mL/min
Col. Temp. : 40 $^\circ\text{C}$
Detection : UV 210 nm (LC800 UV Detector)
Injection Vol. : 10 μL
Sample : liner fatty acids (C2 - C15)

Analyte :

- | | |
|------------------------|-------|
| 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) |

each 1 mg/mL