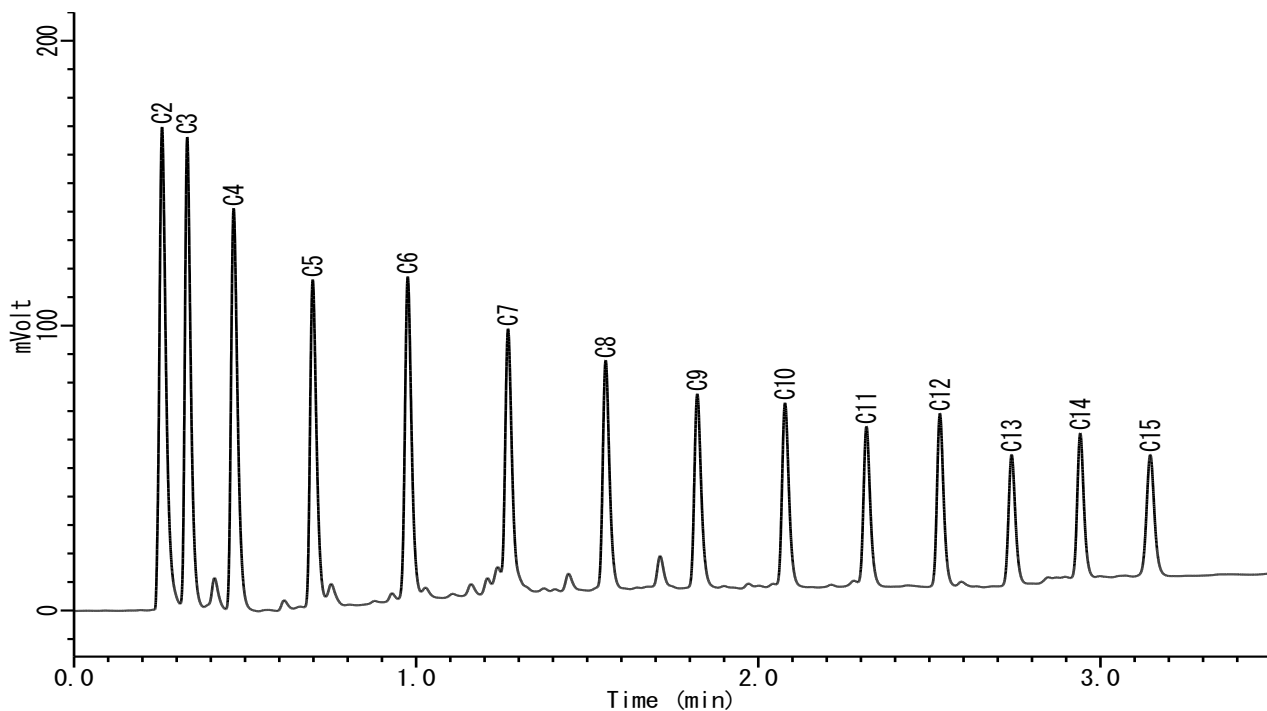


Analysis of linear fatty acids (Inertsil ODS-3)



Conditions

System : LC800 HPLC system
Column : Inertsil ODS-3 (2 μ m, 50 x 3.0 mm I.D.)
Column Cat. No. : 5020-84662
Eluent : A) 0.1 % H₃PO₄ in CH₃CN
 B) 0.1 % H₃PO₄ in H₂O
 A/B = 10/90 –2.5 min- 90/10 -1 min- 90/10, v/v
 (Mixed by a gradient mixer)
Flow Rate : 1 mL/min
Col. Temp. : 40 °C
Detection : UV 210 nm (LC800 UV Detector)
Injection Vol. : 1 μ L
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 5 mg/mL