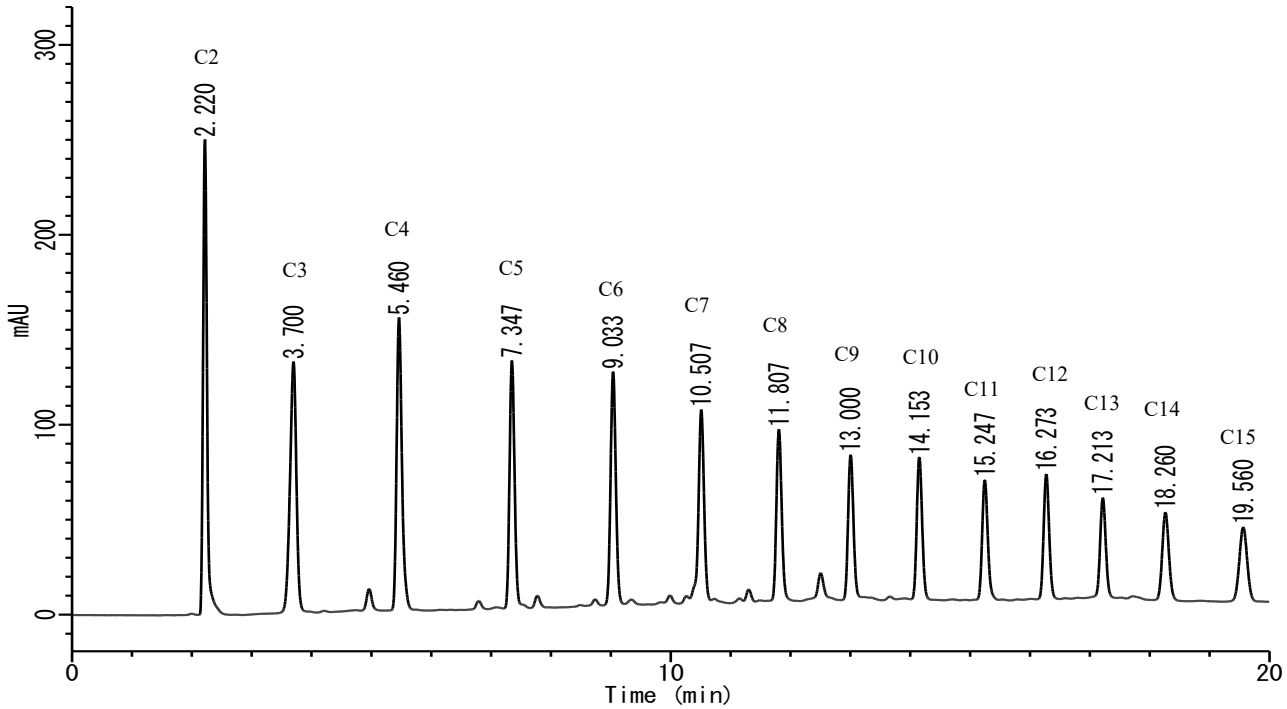
Analysis of linear fatty acids (Inertsil ODS-3)



Conditions

System : LC800 HPLC system
Column : Inertsil ODS-3 (5 µm, 150 x 4.6 mm I.D)
Column Cat. No. : 5020-01731
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 °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. Butylic 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