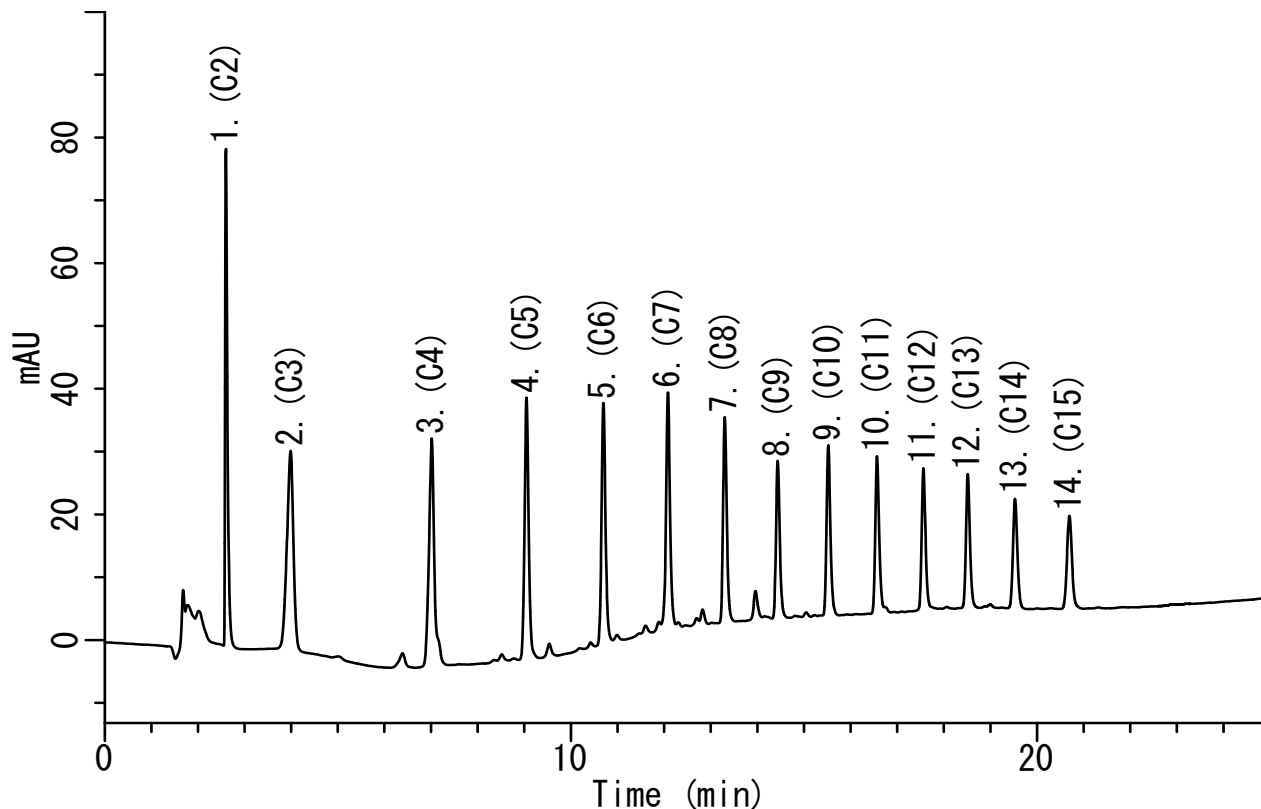


InertSearch™ for LC

Inertsil® Applications

Analysis of liner fatty acids

Data No. LA618-0142



Conditions

System : GL-7400 HPLC system
Column : Inertsil ODS-4 (5 µm, 150 x 4.6 mm I.D)
Column Cat. No. : 5020-03945
Eluent : A) 0.1 % H₃PO₄ in CH₃CN
B) 0.1 % H₃PO₄ in H₂O
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 (GL-7452A PDA 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