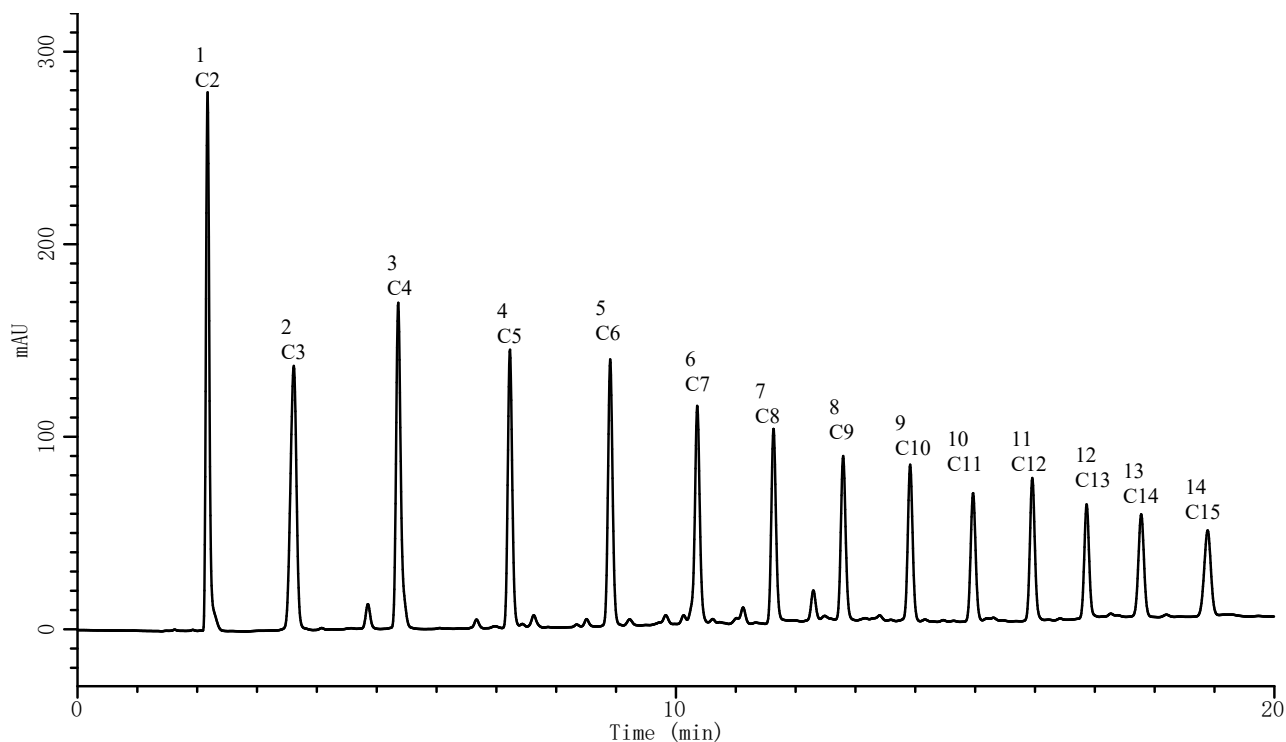


InertSearch™ for LC

Inertsil® Applications

Analysis of linear fatty acids (InertSustain C18)

Data No. LA901-0142



Conditions

System : LC800 HPLC system
Column : InertSustain C18 (5 μ m, 150 x 4.6 mm I.D)
Column Cat. No. : 5020-07345
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 μ L
Sample : linear 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