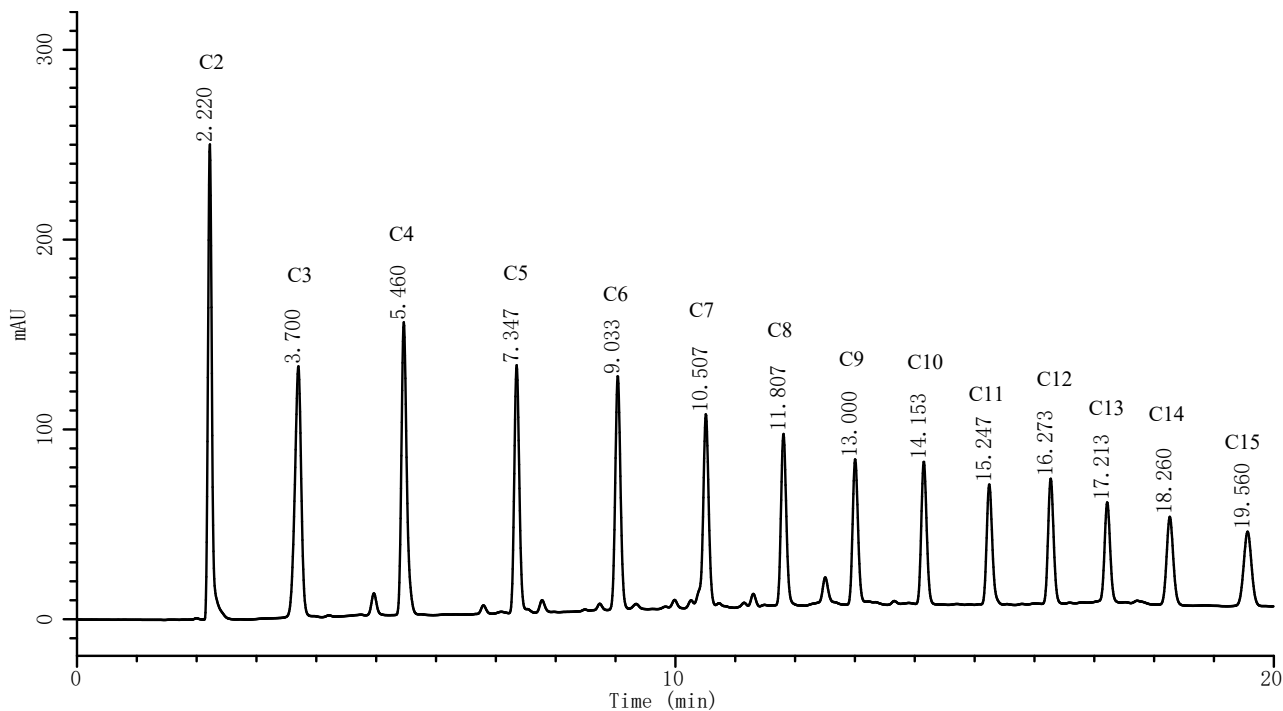


# InertSearch™ for LC

Inertsil® Applications

## Analysis of liner fatty acids (Inertsil ODS-3)

Data No. LA859-0142



### 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<sub>3</sub>PO<sub>4</sub> in CH<sub>3</sub>CN  
B) 0.1 % H<sub>3</sub>PO<sub>4</sub> in H<sub>2</sub>O  
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. 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