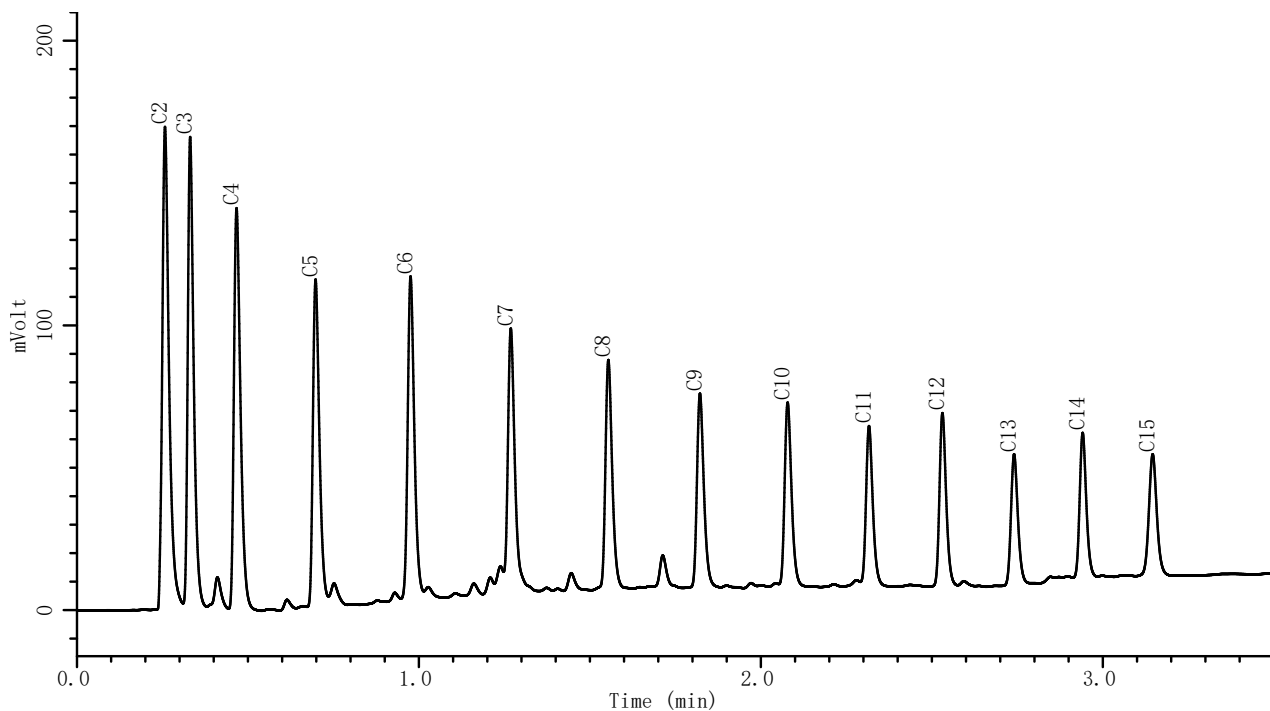


## Analysis of liner fatty acids (Inertsil ODS-3)

Data No. LA862-0142



### Conditions

**System** : LC800 HPLC system  
**Column** : Inertsil ODS-3 (2 $\mu$ m, 50 x 3.0 mm I.D.)  
**Column Cat. No.** : 5020-84662  
**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 -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  $\mu$ 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