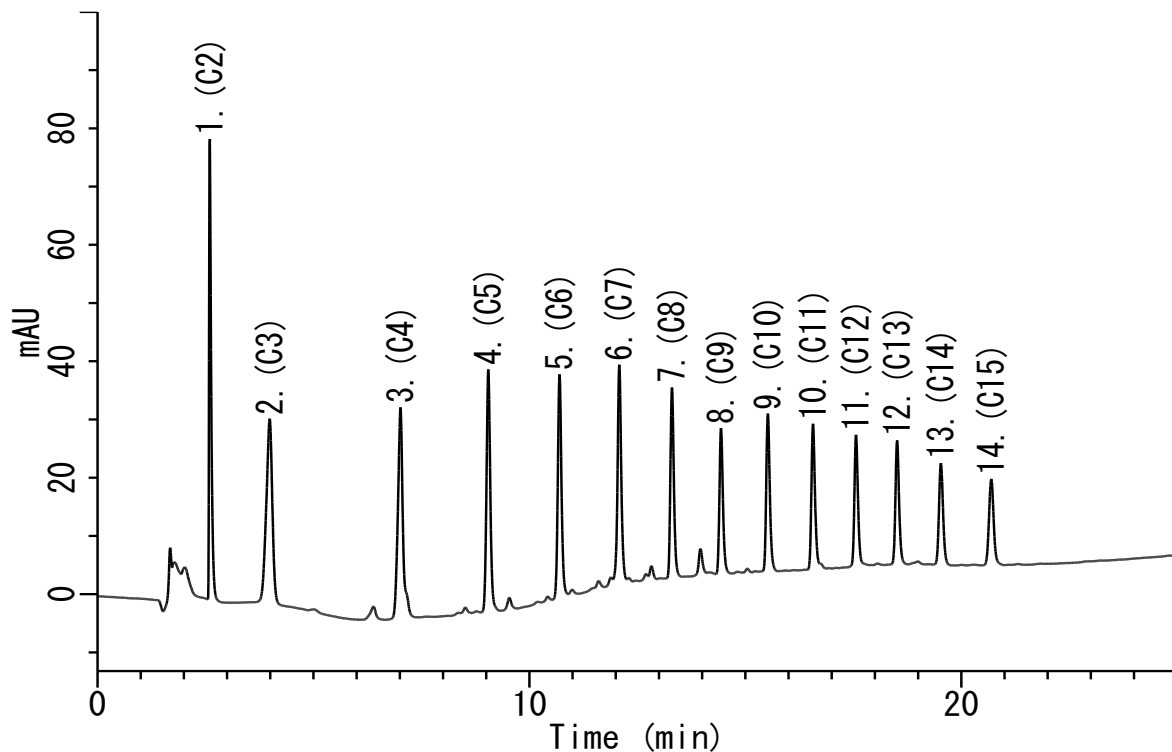


## Analysis of liner fatty acids



### Conditions

**System** : GL-7400 HPLC system  
**Column** : Inertsil ODS-4 (5  $\mu$ m, 150 x 4.6 mm I.D)  
**Column Cat. No.** : 5020-03945  
**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  $^{\circ}C$   
**Detection** : UV 210 nm (GL-7452A PDA Detector)  
**Injection Vol.** : 10  $\mu$ 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 1 mg/mL