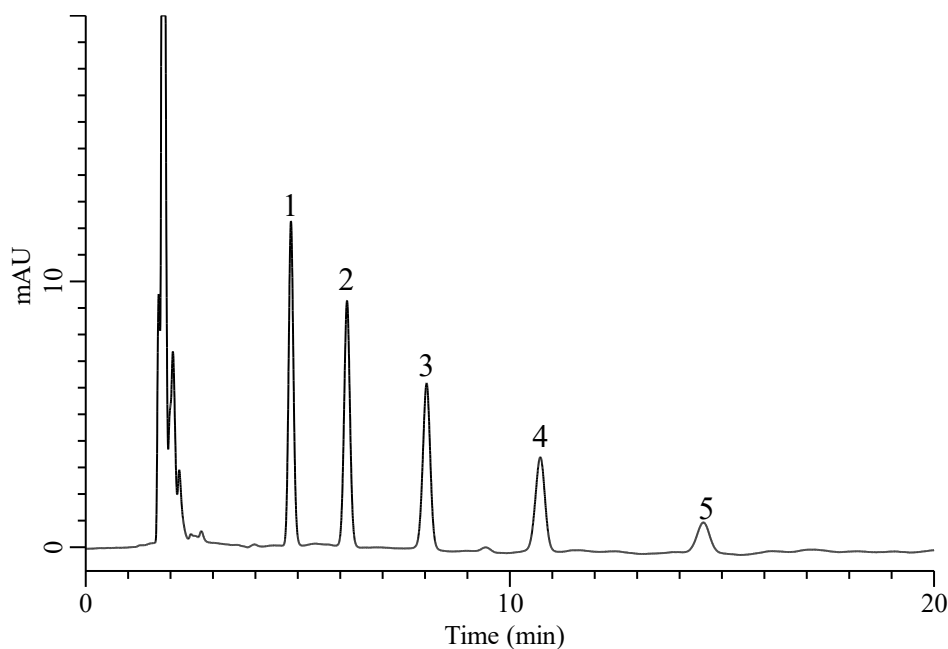


## Analysis of Fatty acids (C18-C26)



### Conditions

**System** : Chromaster HPLC system (HITACHI)  
**Column** : InertSustain AQ-C18 (GL Sciences Inc.)  
 (5  $\mu$  m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-89730  
**Eluent** : A) 0.1% H<sub>3</sub>PO<sub>4</sub> in 2-Propanol  
 B) 0.1% H<sub>3</sub>PO<sub>4</sub> in CH<sub>3</sub>CN  
 A/B = 10/90, v/v  
**Flow Rate** : 1 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 210 nm  
**Injection Vol.** : 10  $\mu$  L  
**Sample** : Standard

### Analyte:

1. Octadecanoic acid (C18)
  2. Eicosanoic acid (C20)
  3. Docosanoic acid (C22)
  4. Tetracosanoic acid (C24)
  5. Hexacosanoic acid (C26)
- each 1 mg/mL