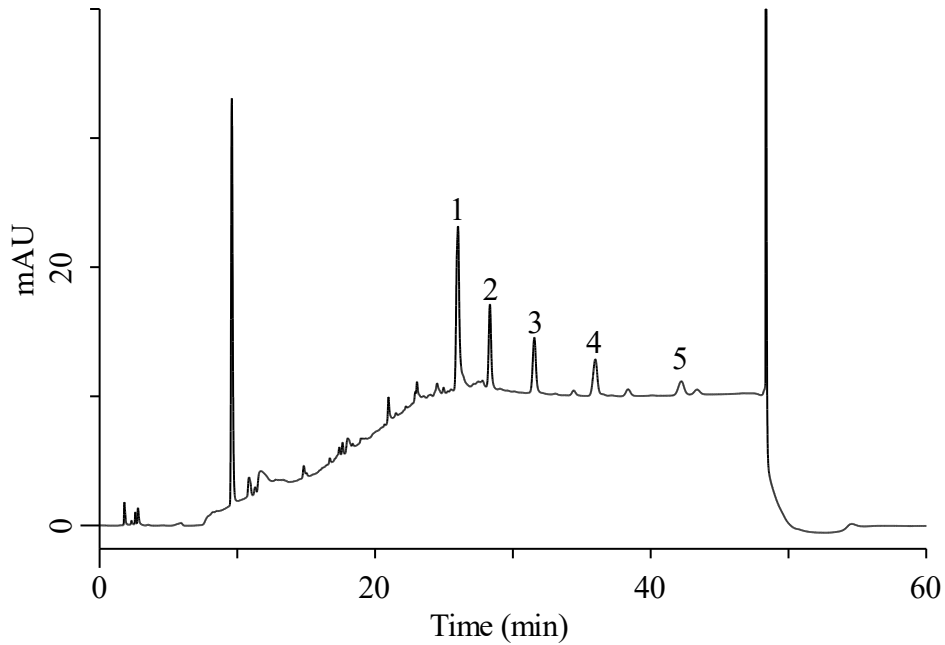


Analysis of Fatty acids (C18-C26)



Conditions

System : Chromaster HPLC system (HITACHI)
Column : InertSustain AQ-C18 (GL Sciences Inc.)
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-89730
Eluent : A) 0.1% H₃PO₄ in CH₃CN
 B) 0.1% H₃PO₄ in H₂O

Time(min)	A(%)	B(%)
0	1	99
3	1	99
20	100	0
45	100	0
45.1	1	99
60	1	99

Flow Rate : 1 mL/min
Col. Temp. : 40 °C
Detection : UV 210 nm
Injection Vol. : 10 μ 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