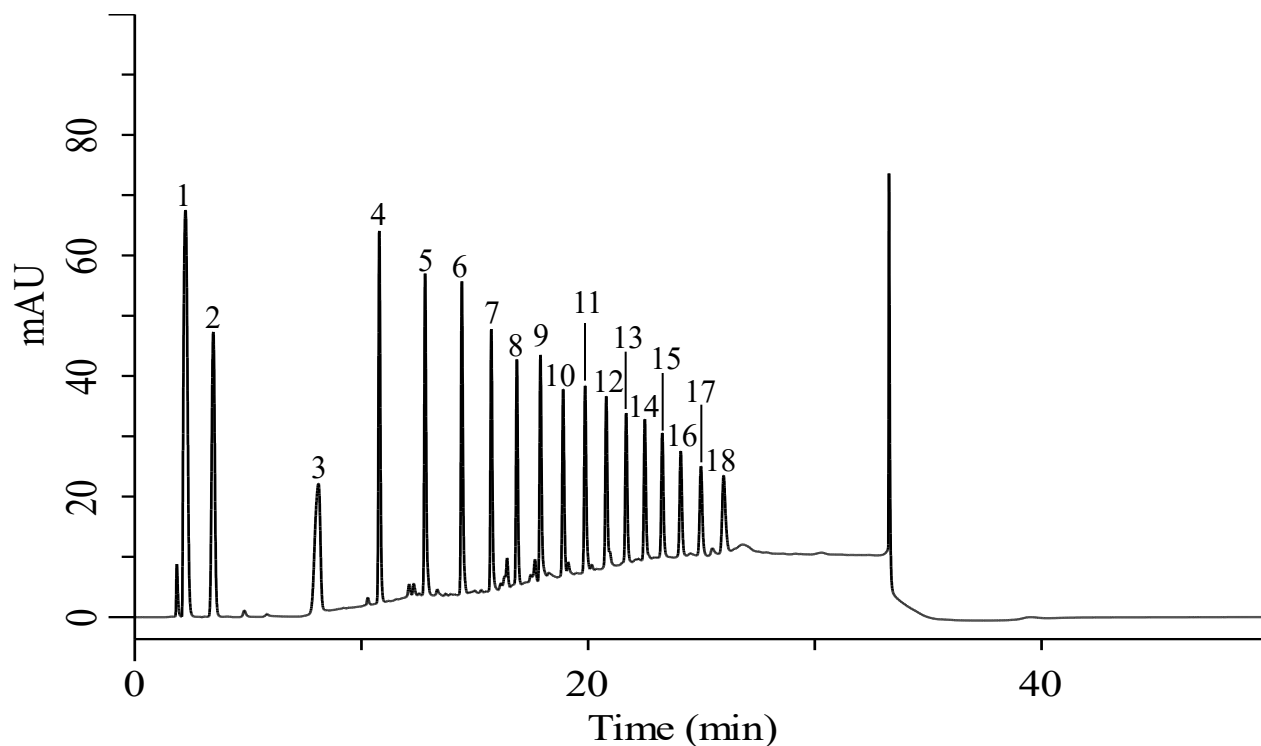


Analysis of Fatty acids (C1-C18)



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
30	100	0
30.1	1	99
50	1	99

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

Analyte:

1. Formic acid (C1)
2. Acetic acid (C2)
3. Propionic acid (C3)
4. Butyric acid (C4)
5. Pentanoic acid (C5)
6. Hexanoic acid (C6)
7. Heptanoic acid (C7)
8. Octanoic acid (C8)
9. Nonanoic acid (C9)
10. Decanoic acid (C10)
11. Undecanoic acid (C11)
12. Dodecanoic acid (C12)
13. Tridecanoic acid (C13)
14. Tetradecanoic acid (C14)
15. Pentadecanoic acid (C15)
16. Hexadecanoic acid (C16)
17. Heptadecanoic acid (C17)
18. Octadecanoic acid (C18)

each 1 mg/mL