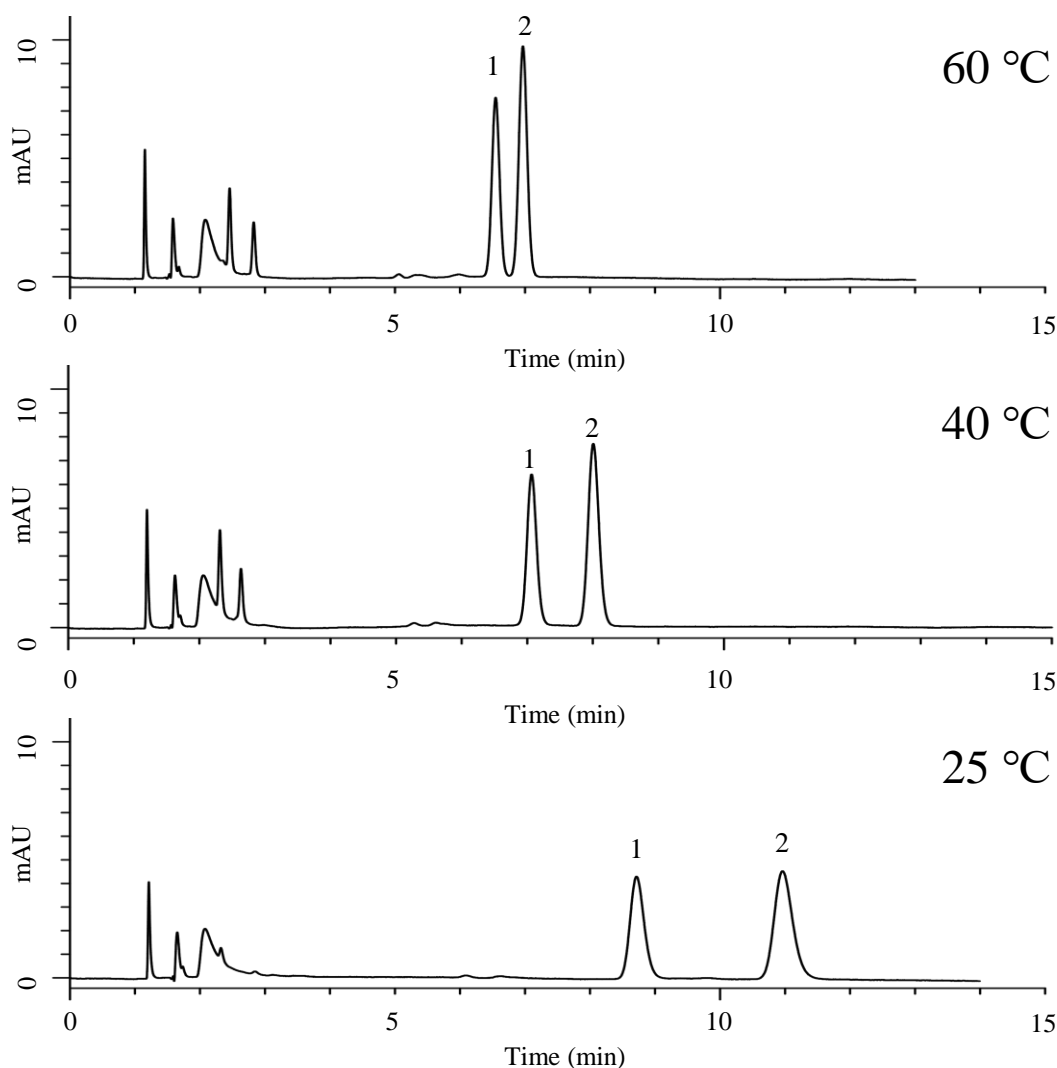


Analysis of Unsaturated fatty acids



Conditions

System : Chromaster HPLC system (HITACHI)
Column : InertSustain C30 (GL Sciences Inc.)
 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-17144
Eluent : A) CH₃OH
 B) 0.1% Phosphoric acid in H₂O
 A/B = 90/10, v/v
Flow Rate : 1.0 mL/min
Detection : UV 210 nm
Injection Vol. : 2 μ L
Sample : Standard

Analyte:

1. Elaidic acid (18:1(*cis*, n-9))
 2. Oleic acid (18:1(*trans*, n-9))
 (500 mg/L each)