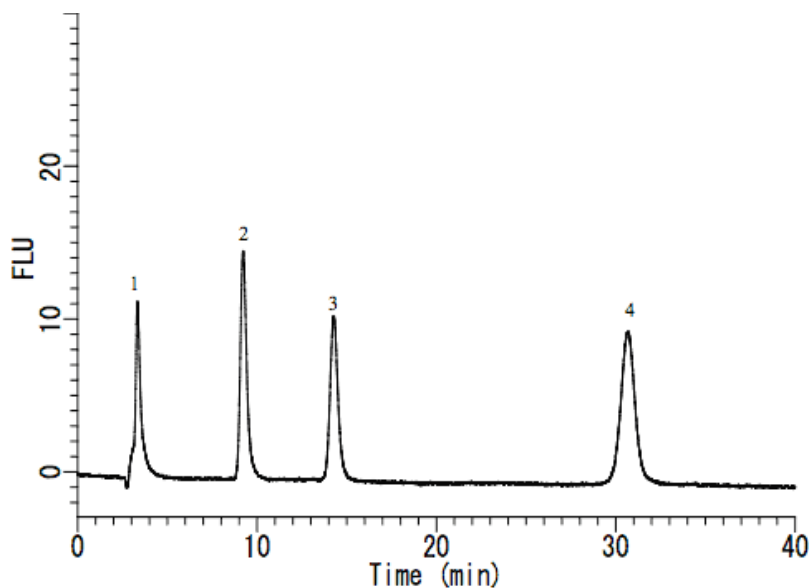


Analysis of Vitamin K in Food



System : GL-7400 HPLC system
 Column : Inertsil ODS-3 (5 μ m, 150 \times 4.6 mm I.D.)
 + Plutonium Black column

Column Cat. No. :

Eluent : A) CH₃OH
 B) C₂H₅OH
 A/B = 5 / 1, v/v

Flow rate : 0.8 mL/min

Col. Temp. : 40 °C

Detection : FL Ex. 320 nm Ex. 430 nm

Injection Vol. : 50 μ L

Sample :

Solutes : 1. Vitamin K3 (1 μ g/L)
 2. Vitamin K2 (MK-4) (5 μ g/L)
 3. Vitamin K1 (5 μ g/L)
 4. Vitamin K2 (MK-7) (10 μ g/L)