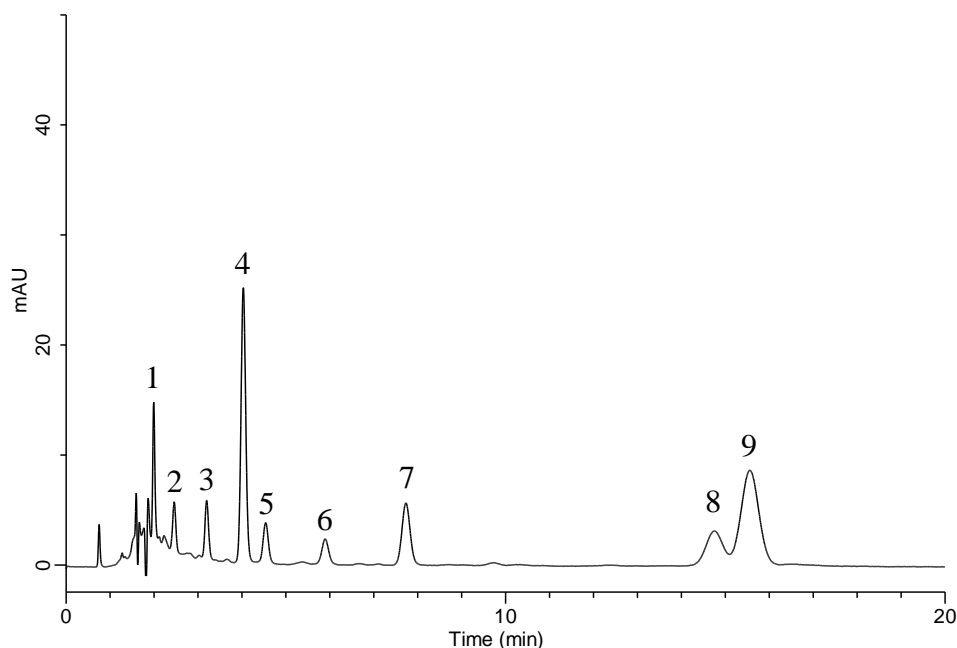


Analysis of Fat-soluble Vitamins (InertSustain C18)



Conditions

System : GL-7400 HPLC system
Column : InertSustain C18 (5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-07345
Eluent : A) CH₃OH
 B) C₂H₅OH
 A/B = 75/25, v/v
Flow rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 280 nm (GL-7452A PDA Detector)
Injection Vol. : 5 μ L
Sample : Fat-soluble Vitamins

Analyte:

1. Vitamin K3	50 μ g/mL
2. Vitamin A	50 μ g/mL
3. Vitamin A acetate	50 μ g/mL
4. Vitamin D3	50 μ g/mL
5. Vitamin E	50 μ g/mL
6. Vitamin E acetate	50 μ g/mL
7. Vitamin K1	50 μ g/mL
8. α -Carotene	50 μ g/mL
9. β -Carotene	50 μ g/mL