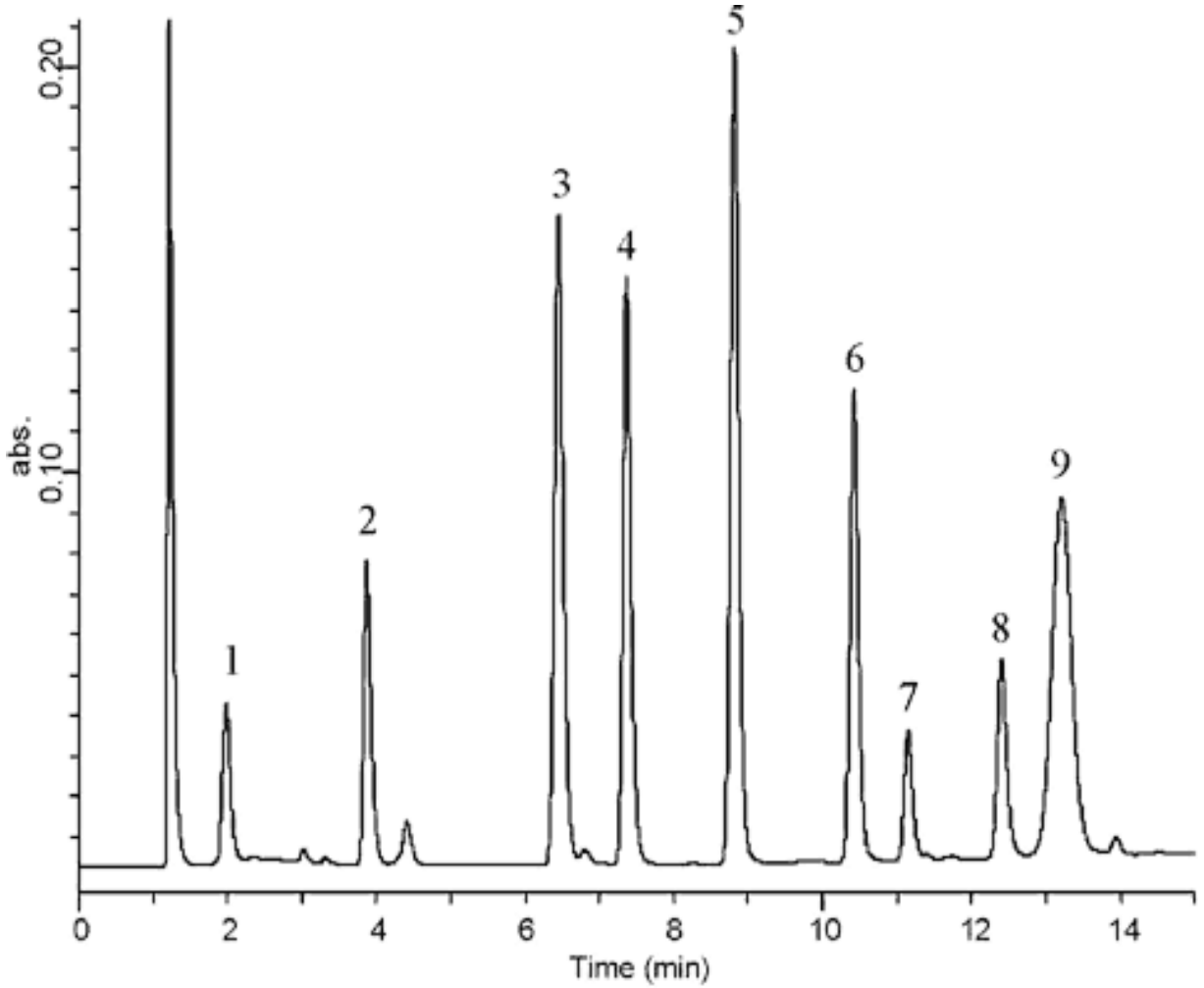
Analysis of Water-soluble Vitamins



Column	: Inertsil ODS-3 5µm 150 × 4.6 mm I.D.
Column Cat. No.	:
Eluent	: A) CH_3CN B) 0.2 % H_3PO_4, 5 mM IPCC-06 (pH 2.3; H_3PO_4) (IPCC-06: Sodium 1-Hexanesulfonate) A/B = 5/95 -15min- 20/80
Flow rate	: 1.0 mL/min.
Col. Temp.	: 40ºC
Detection	: UV 210 nm (GL-7450 UV Detector)
Injection Vol.	: 20 µL
Sample	: Water-soluble Vitamins

Solutes : 1. L-Ascorbic acid (1.6 mg/mL)
2. Nicotinic acid (0.3 mg/mL)
3. Pyridoxal (0.57 mg/mL)
4. Pyridoxine (0.43 mg/mL)
5. Pyridoxamine (0.87 mg/mL)
6. Thiamine (1.17 mg/mL)
7. Folic acid (6.0 mg/mL)
8. Riboflavin (1.0 mg/mL)
9. Cyanocobalamin (1.0 mg/mL)