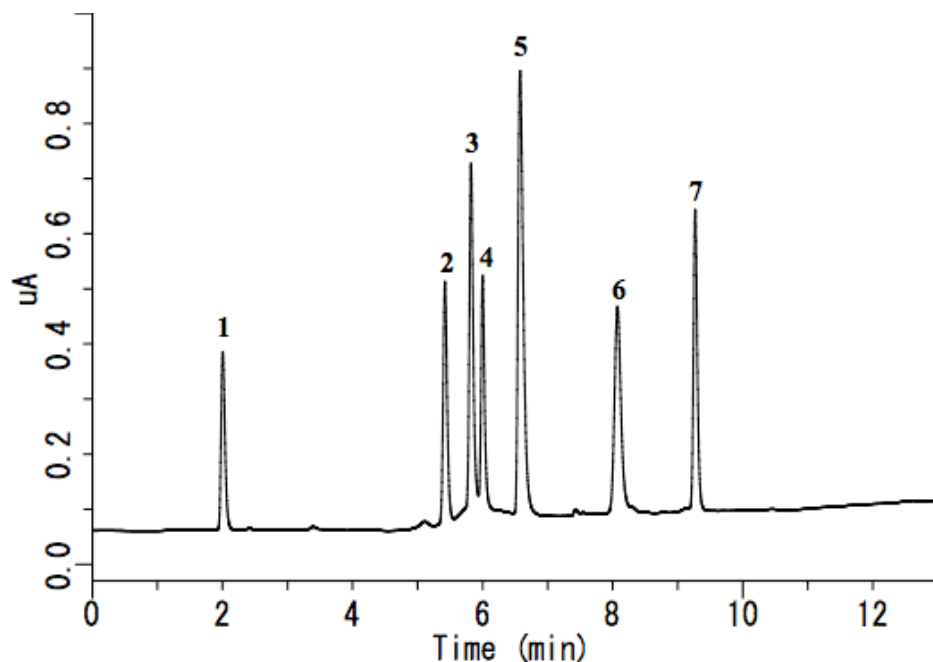


Analysis of Water-soluble Vitamins

Data No. LA506-0000



System : GL-7400 system

Column : Inertsil ODS-3 (5 μ m, 150 \times 4.6 mm I.D.)

Column Cat. No. :

Eluent : A) 5 mM IPCC-05, 0.1 % H₃PO₄ in CH₃CN

B) 5 mM IPCC-05, 0.1 % H₃PO₄ in H₂O

A/B = 5/95 — 12 min. — 40/60, v/v

(IPCC-05: Sodium 1-Pentanesulfonate)

Flow rate : 1.0 mL/min.

Col. Temp. : 40 °C

Detection : ECD 1600 mV vs. Ag/AgCl (ED703 ECD detector, Diamond)

Injection Vol. : 10 μ L

Sample : Water-soluble vitamins

Solutes : 1. L-Ascorbic acid (1 μ g/mL)

2. Pyridoxal (1 μ g/mL)

3. Pyridoxamine (1 μ g/mL)

4. Pyridoxine (1 μ g/mL)

5. Thiamine (1 μ g/mL)

6. Cyanocobalamin (1 μ g/mL)

7. Biotin (1 μ g/mL)