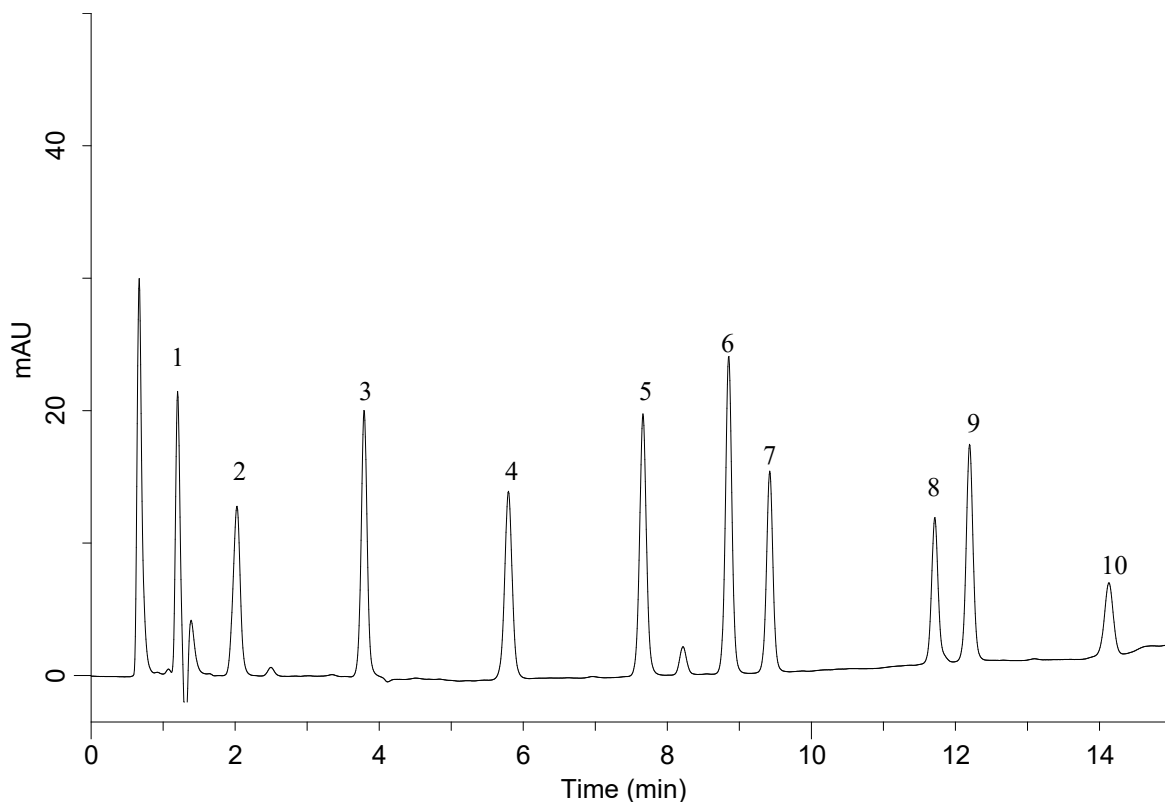


InertSearch™ for LC

Inertsil® Applications

Analysis of Water-soluble Vitamins (InertSustain C18)

Data No. LA907-0811



Conditions

System : GL-7400 HPLC system
Column : InertSustain C18 (3 μ m, 100 x 3.0 mm I.D.)
Column Cat. No. : 5020-07424
Eluent : A) CH₃CN
B) 10 mM KH₂PO₄ (pH2.5, H₃PO₄) + 5mM IPCC-06
A/B = 2/98 - 8 min - 12/88 - 5 min - 12/88 , v/v
Flow rate : 0.6 mL/min
Col. Temp. : 30 °C
Detection : UV 210 nm (GL-7452A PDA Detector)
Injection Vol. : 2 μ L
Sample : Water-soluble Vitamins

Analyte:

1. Ascorbic acid	100 mg/L
2. Nicotinic acid	10 mg/L
3. Nicotinamide	10 mg/L
4. Pantothenic acid	100 mg/L
5. Pyridoxal	10 mg/L
6. Pyridoxine	10 mg/L
7. Pyridoxamine	10 mg/L
8. Thiamine	10 mg/L
9. Folic acid	10 mg/L
10. Riboflavin	10 mg/L