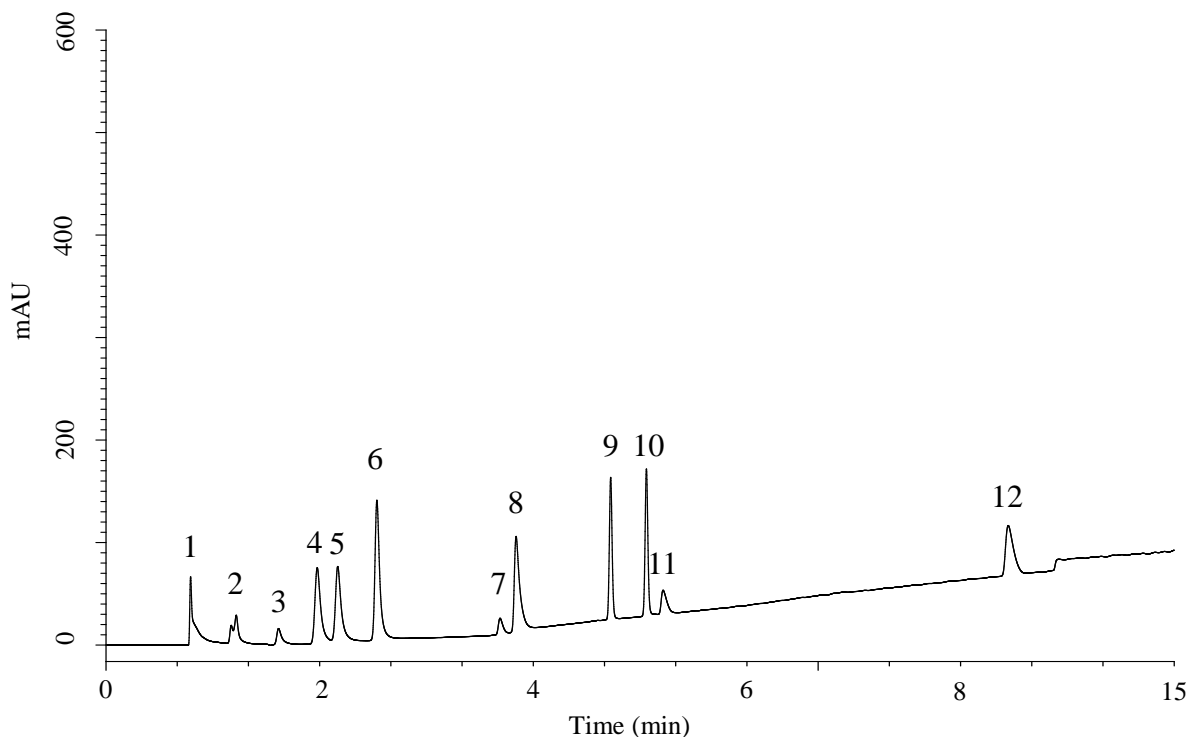


InertSearch for LC

Inertsil Applications

Analysis of Water-soluble Vitamins

Data No. LB733-0806



Conditions

Column : InertSustain AX-C18 (GL Sciences Inc.)
(3 μ m, 150 x 2.1 mm I.D.)

Column Cat. No. : 5020-91039

Eluent : A) 10 mM HCOONH₄ in
(CH₃CN/H₂O = 90/10, v/v)
B) 10 mM HCOONH₄ in H₂O

Time (min)	A (vol%)	B (vol%)
0.0	1	99
15.0	60	40

Flow Rate : 0.3 mL/min

Col. Temp. : 40 °C

Detection : UV 220 nm

Injection Vol. : 2 μ L

Sample : Standard

Analyte:

1. Pyridoxamine	25 mg/L
2. Thiamine	25 mg/L
3. Ascorbic acid	250 mg/L
4. Pyridoxal	25 mg/L
5. Pyridoxine	25 mg/L
6. Nicotinamide	25 mg/L
7. Pantothenic acid	100 mg/L
8. Nicotinic acid	25 mg/L
9. Cyanocobalamin	25 mg/L
10. Riboflavin	50 mg/L
11. Biotin	200 mg/L
12. Folic acid	25 mg/L