

Data code:

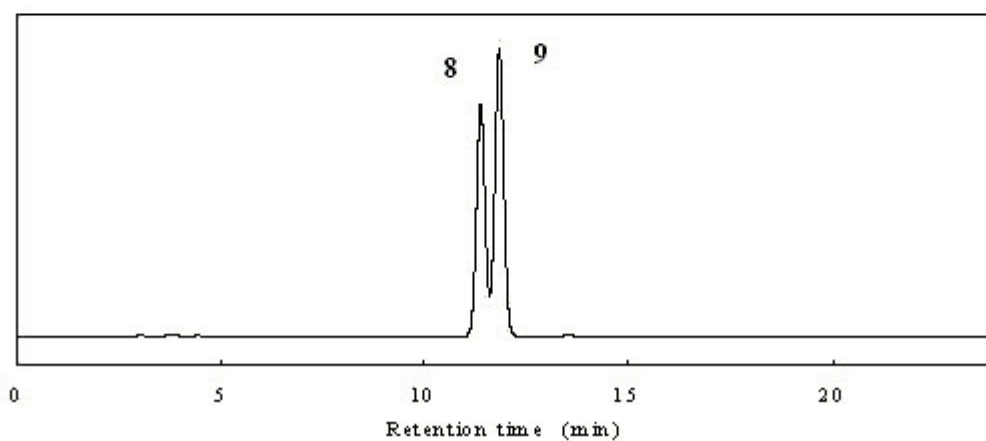
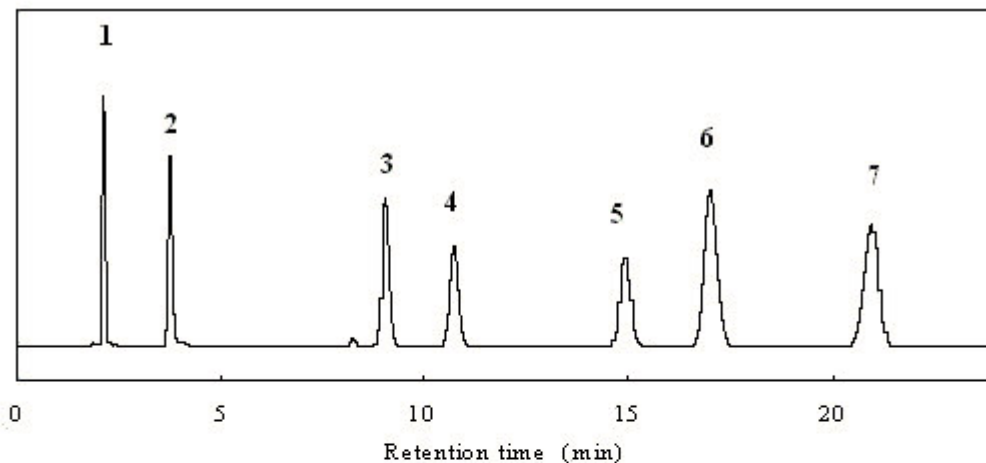
G00430

**Application Title:**

Separation of fat soluble vitamins by reversed phase chromatography.

**Compound:**

- 1) Menadione (vitamin K3);
- 2) Retinol (vitamin A);
- 3) menaquinone (vitaminK2);
- 4) Delta-tocopherol (vitamin E);
- 5) Alpha-tocopherol (vitamin E);
- 6) Alpha-tocopherol acetate;
- 7) Phylloquinone (vitamin K1);
- 8) ergocalciferol (vitaminD2);
- 9) cholecalciferol (vitamin D3)



**Chromatographic conditions**

Column: TSKgel ODS-100V, P/N 21455, 5  $\mu$ m, 4.6 mm ID  $\times$  15 cm  $\times$  1  
Mobile Phase: Acetonitrile  
Flow Rate: 1.0 mL/min  
Detection: UV/VIS @ 280 nm  
Temperature: 40  $^{\circ}$ C  
Injection Volume: 5  $\mu$ L

Chromatographic conditions

Sample(s):

Standard