

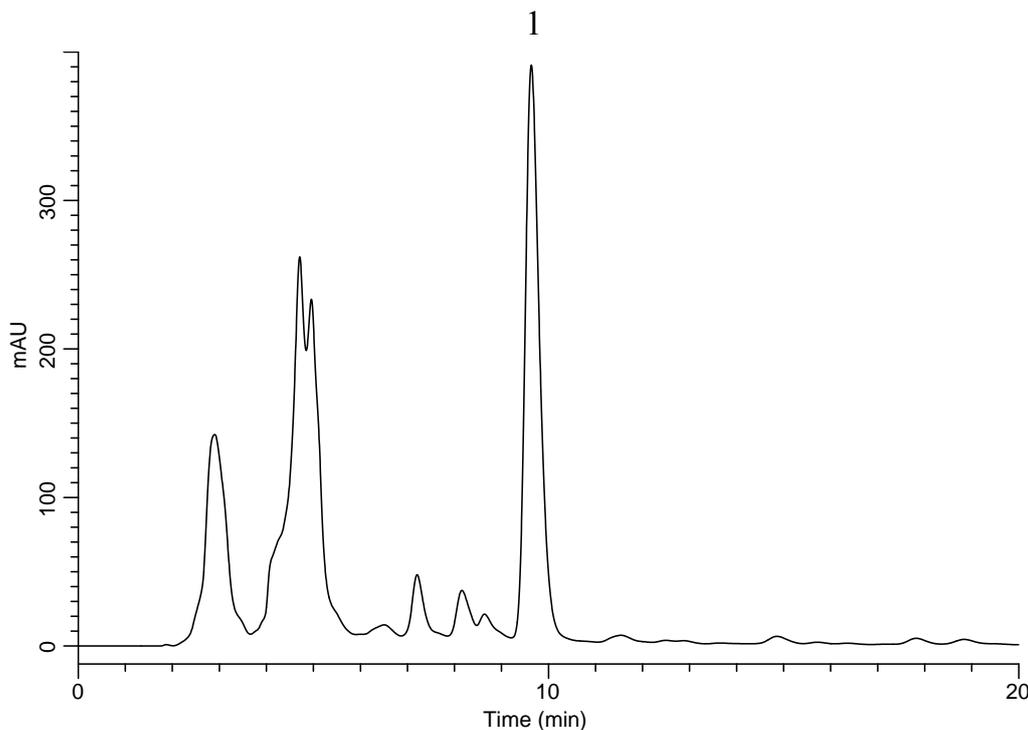
# InertSearch™ for LC

Inertsil® Applications

## Analysis of Glycyrrhiza

(Under the Condition of the Japanese Pharmacopoeia)

Data No. LB182-0894



### Conditions

**System** : GL-7400 HPLC system  
**Column** : InertSustain C18  
(5  $\mu$  m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-07345  
**Eluent** : A) CH<sub>3</sub>CN  
B) 2.1% CH<sub>3</sub>COOH in H<sub>2</sub>O  
A/B = 40/60, v/v  
**Flow Rate** : 0.45 mL/min  
**Col. Temp.** : 20 °C  
**Detection** : UV 254 nm (GL-7452 PDA Detector)  
**Injection Vol.** : 20  $\mu$ L  
**Sample** : Sample solution

### Analyte:

1. Glycyrrhizic acid 5000 mg/L

RSD of the  
peak area (°)(n=5) : 0.15 ( $\leq$  1.5)