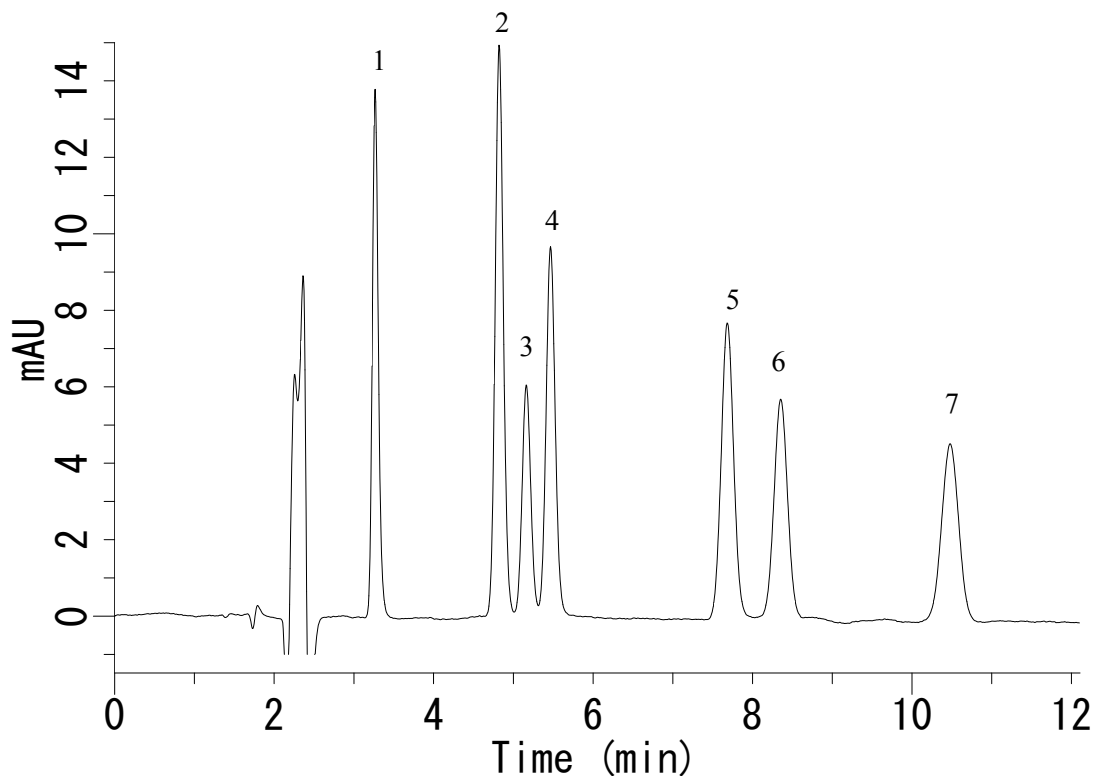


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Pyridine derivatives (InertSustain C8)

Data No. LB044-0811



### Conditions

**System** : GL-7400 HPLC system  
**Column** : InertSustain C8 (5  $\mu$ m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-16027  
**Eluent** : A) THF  
B) 10 mM Na<sub>2</sub>HPO<sub>4</sub> (pH 8.0, H<sub>3</sub>PO<sub>4</sub>)  
A/B = 13/87, v/v  
**Flow rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 260 nm (GL-7452A PDA detector)  
**Injection Vol.** : 5  $\mu$ L  
**Sample** : Standards

### Analyte:

1. Pyridine	10 mg/L
2. $\alpha$ -Picoline	10 mg/L
3. $\gamma$ -Picoline	10 mg/L
4. $\beta$ -Picoline	10 mg/L
5. 2,6-Lutidine	10 mg/L
6. 2,4-Lutidine	10 mg/L
7. 3,5-Lutidine	10 mg/L