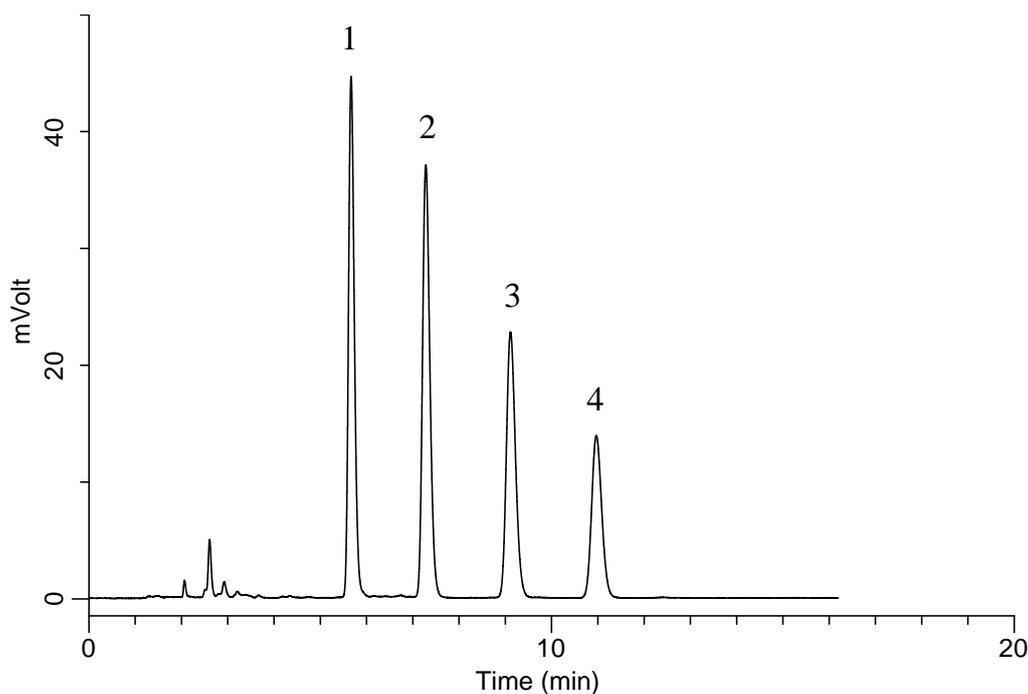


# InertSearch™ for LC

Inertsil® Applications

## Analysis of Anti-depressant drugs

Data No. LB276-0642



### Conditions

**System** : LC800 HPLC system  
**Column** : InertSustain Phenylhexyl  
(5  $\mu$  m, 150 x 4.6 mm I.D.)  
**Column Cat. No.** : 5020-89026  
**Eluent** : A) CH<sub>3</sub>CN  
B) 25 mM KH<sub>2</sub>PO<sub>4</sub> in H<sub>2</sub>O (pH 7.0, K<sub>2</sub>HPO<sub>4</sub> in H<sub>2</sub>O)  
A/B = 50/50, v/v  
**Flow Rate** : 1.0 mL/min  
**Col. Temp.** : 40 °C  
**Detection** : UV 254 nm  
**Injection Vol.** : 2  $\mu$  L  
**Sample** : Standard

### Analyte:

1. Imipramine hydrochloride	100 mg/L
2. Amitriptyline hydrochloride	100 mg/L
3. Chlomipramine hydrochloride	100 mg/L
4. Mianserin hydrochloride	100 mg/L