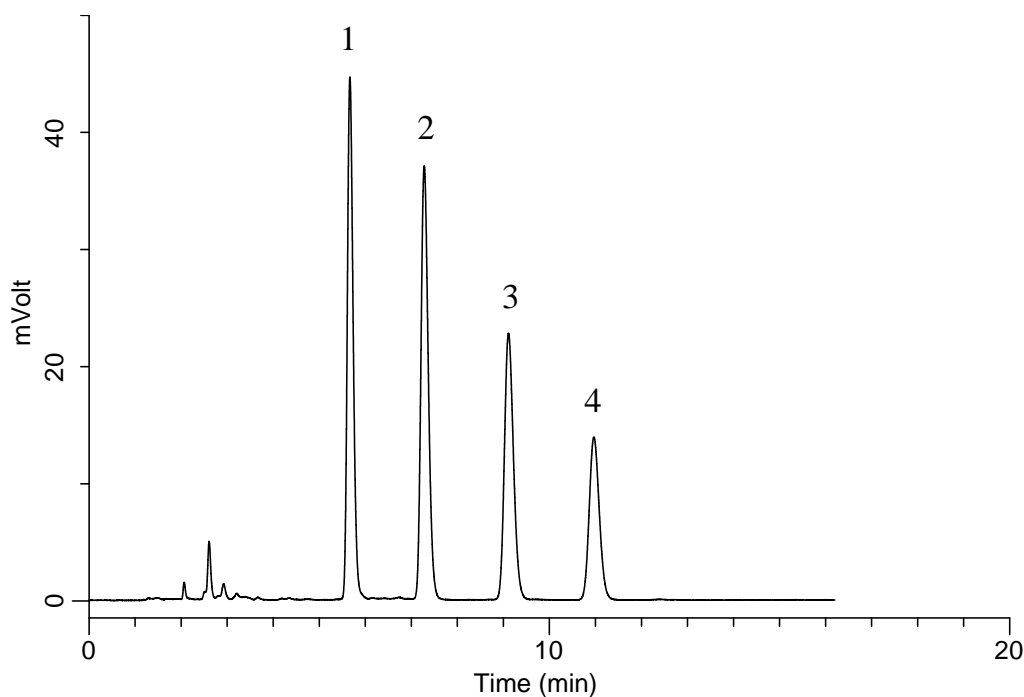


InertSearch™ for LC

Inertsil® Applications

Analysis of Anti-depressant drugs

Data No. LB276-0642



Conditions

System : LC800 HPLC system
Column : InertSustain Phenylhexyl
(5 μ m, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-89026
Eluent : A) CH₃CN
B) 25 mM KH₂PO₄ in H₂O (pH 7.0, K₂HPO₄ in H₂O)
A/B = 50/50, v/v
Flow Rate : 1.0 mL/min
Col. Temp. : 40 °C
Detection : UV 254 nm
Injection Vol. : 2 μ 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