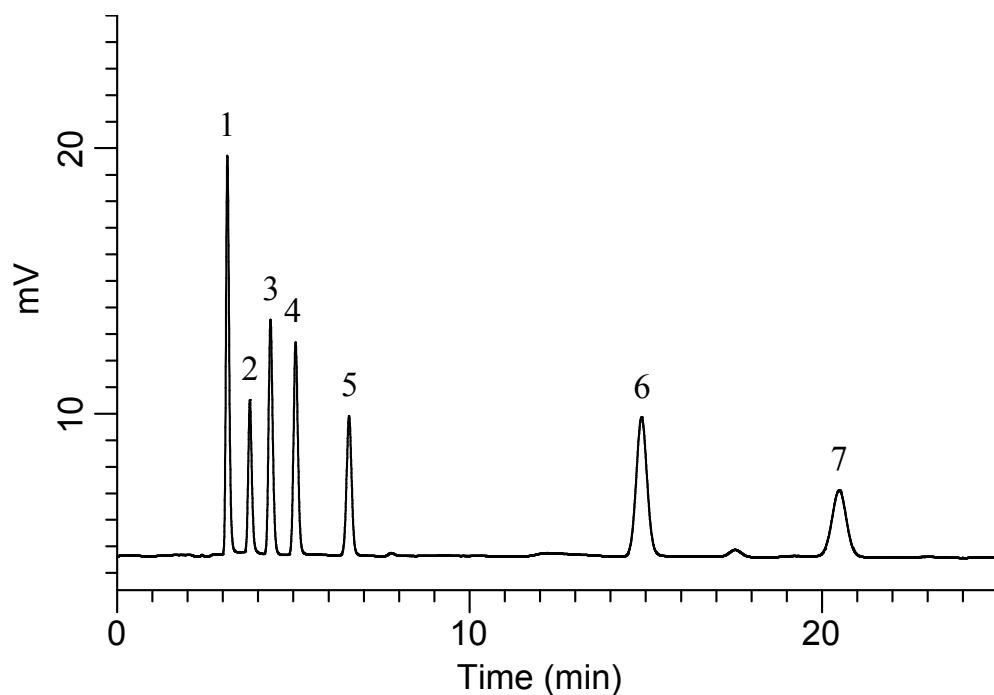


# InertSearch™ for LC

Inertsil™ Applications

## Analysis of Catecholamines

Data No. LB544-0919



### Conditions

**System** : GL7700 HPLC system

**Column** : InertSustain AQ-C18  
(5  $\mu$  m, 150 x 4.6 mm I.D.)

**Column Cat. No.** : 5020-89730

**Eluent** : A) CH<sub>3</sub>CN  
B) 50 mM NaH<sub>2</sub>PO<sub>4</sub> + 5 mM IPCC-06 in H<sub>2</sub>O  
(IPCC-06: Sodium 1 - Hexanesulfonate)  
(pH 2.2, H<sub>3</sub>PO<sub>4</sub>)  
A/B = 8/92, v/v

**Flow Rate** : 1.0 mL/min

**Col. Temp.** : 35 °C

**Detection** : ECD 1200 mV vs Ag/AgCl (ED723 EC Detector, Diamond, 35 °C)

**Injection Vol.** : 20  $\mu$  L

**Sample** : Standard

### Analyte:

1. Norepinephrin (NE)
2. Epinephrin (E)
3. Vanillylmandelic acid (VMA)
4. Normetanephrine (NMN)
5. Metanephrine (MN)
6. 5-Hydroxyindole acetic acid (5-HIAA)
7. Homovanillic acid (HVA)  
(100  $\mu$ g/L each)