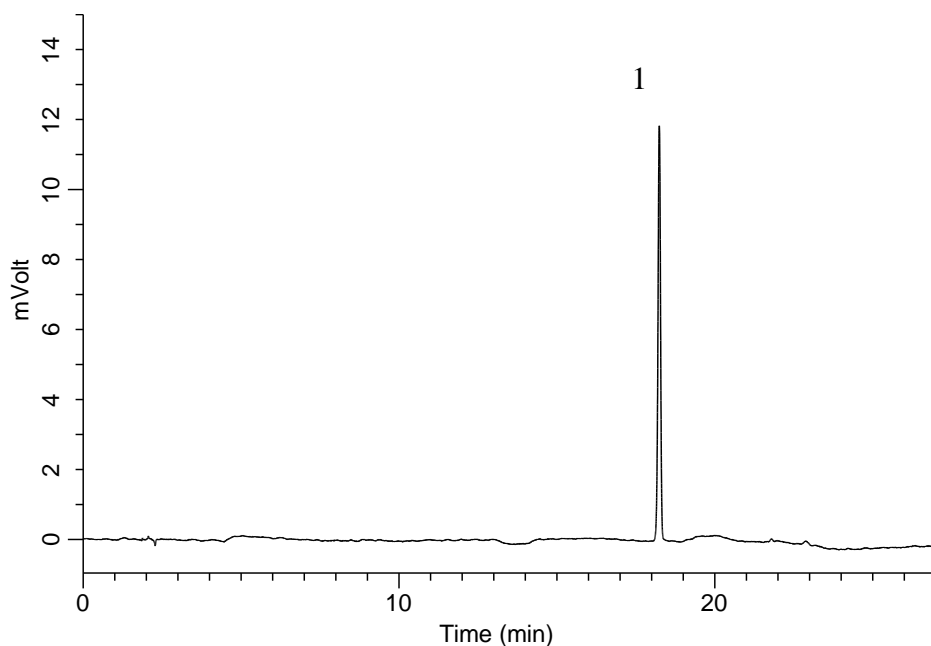


## Analysis of Indometacin

(Under the Condition of European Pharmacopoeia 8.2)



### Conditions

**System** : LC800 HPLC system

**Column** : InertSustain Phenylhexyl  
(3  $\mu$  m, 150 x 4.6 mm I.D.)

**Column Cat. No.** : 5020-89149

**Eluent** : A) CH<sub>3</sub>CN  
B) 10 g/L CH<sub>3</sub>COOH in H<sub>2</sub>O

### Analyte:

1. Indometacin 1 mg/mL

Time (min)	A (vol%)	B (vol%)
0 - 2	30	70
2 - 11	30 → 50	70 → 50
11 - 12	50	50
12	50 → 30	50 → 70
12 - 21	30 → 70	70 → 30
21 - 27	70	30

**Flow Rate** : 1.0 mL/min

**Col. Temp.** : 40 °C

**Detection** : UV 254 nm

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

**Sample** : Standard