

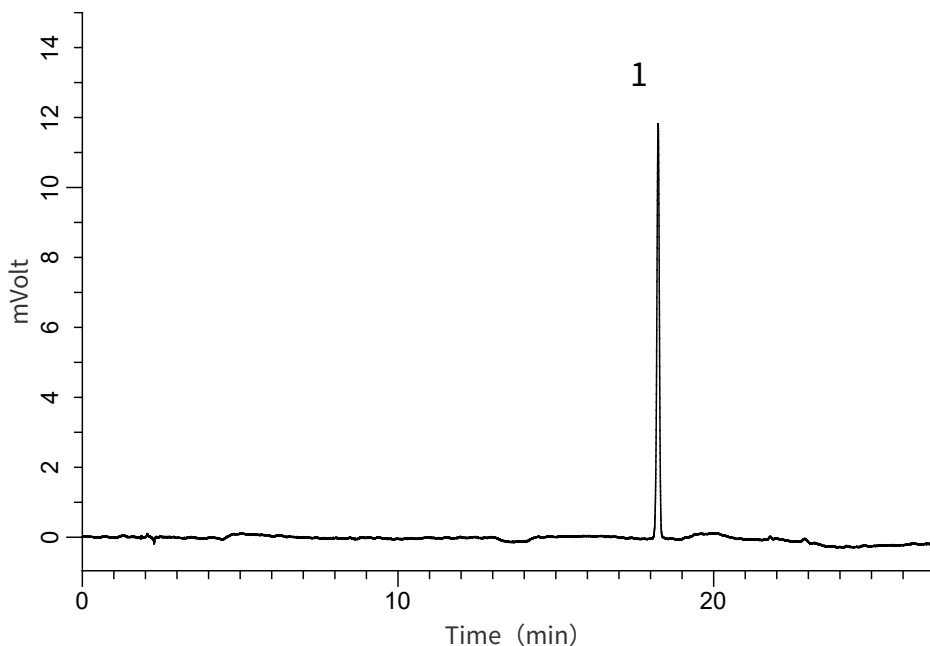
InertSearch™ for LC

Inertsil® Applications

Analysis of Indometacin

(Under the Condition of European Pharmacopoeia 8.2)

Data No. LB279-0642



Conditions

System : LC800 HPLC system
Column : InertSustain Phenylhexyl
(3 µm, 150 x 4.6 mm I.D.)
Column Cat. No. : 5020-89149
Eluent : A) CH₃CN
B) 10 g/L CH₃COOH in H₂O

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 µL
Sample : Standard