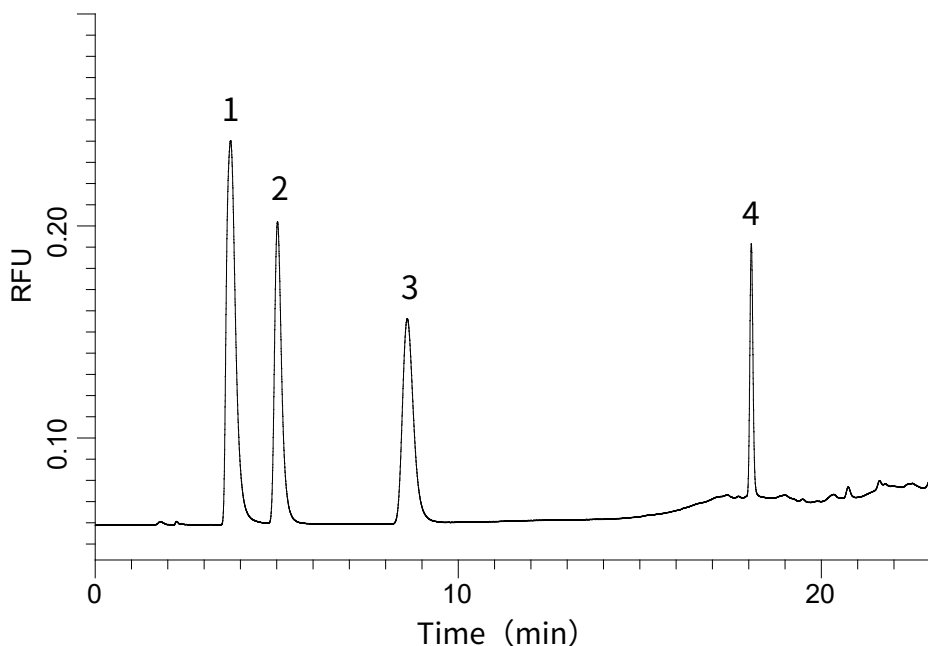


InertSearch™ for LC

Inertsil® Applications

Analysis of Tryptophan metabolites

Data No. LB172-0785



Conditions

System : Accustream system + LIF726

Column : Monocap C18 Fast-flow
(150 x 0.2 mm I.D.)

Column Cat. No. : 5020-10111

Eluent : A) 10mM CH₃COONa (pH4.0, CH₃COOH)/CH₃OH = 99/1, v/v

B) 10mM CH₃COONa (pH4.0, CH₃COOH)/CH₃OH = 7/93, v/v

A/B = 99/1 - 6min - 83/17 - 2min - 30/70 - 12min - 30/70 - 0.1min - 99/1 - 5min - 99/1, v/v

Flow Rate : 1 µL/min

Col. Temp. : 30 °C

Detection : FL Ex 266 nm Em 300-350 nm (LIF726)

Injection Vol. : 0.02 µL

Sample : Standard

Analyte:

1. Serotonin 2.3mg/L

2. Tryptophan 1.9mg/L

3. 5-Hydroxyindoleacetic acid 2.4mg/L

4. Melatonin 1.6mg/L