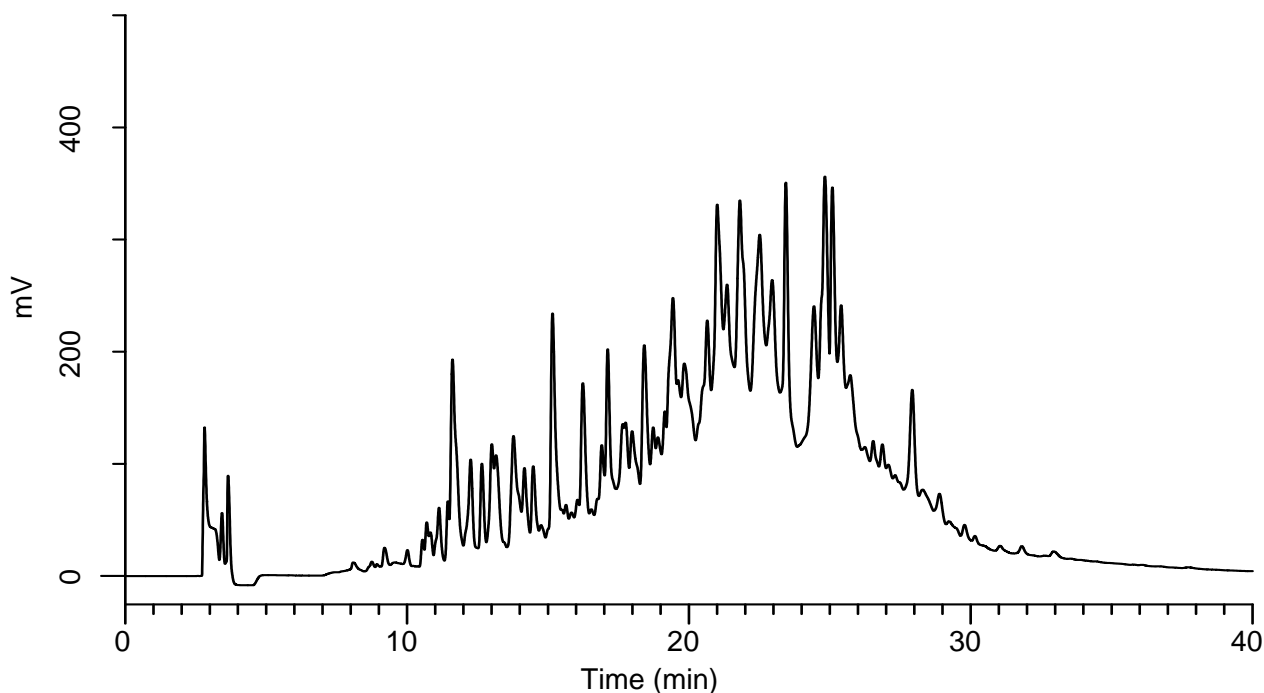


InertSearch™ for LC

Inertsil® Applications

Peptide Separation of Casein Tryptic Digests by Preparative HPLC ODS Column (20 mm I.D.)

Data No. LB297-0659



Conditions

- System** : PLC 761 Preparative HPLC System
- Column** : Inertsil ODS-3
(5 μ m, 250 x 20 mm I.D.)
- Column Cat. No.** : 5020-06822
- Eluent** : A) 0.1 % TFA in CH₃CN
B) 0.1 % TFA in H₂O
A/B = 0/100 - 40 min - 75/25, v/v
- Flow Rate** : 20 mL/min
- Pressure** : 7.6 MPa (Initial), 8.2 MPa (Max.), 5.2 MPa (Min.)
- System Pressure** : 0.6 MPa
- Col. Temp.** : Ambient (About 25 °C)
- Detection** : UV 210 nm (UV702, Cell length 2.4 mm, 1 V = 4 AU)
- Injection Vol.** : 10 mL
- Sample** : Tryptic Digests of Casein
[50 mM NH₄HCO₃ (pH 7.0, HCOOH) 50 mL
Casein from bovine milk 300 mg
Trypsin from bovine pancreas 5 mg
37 °C, 72 hours]