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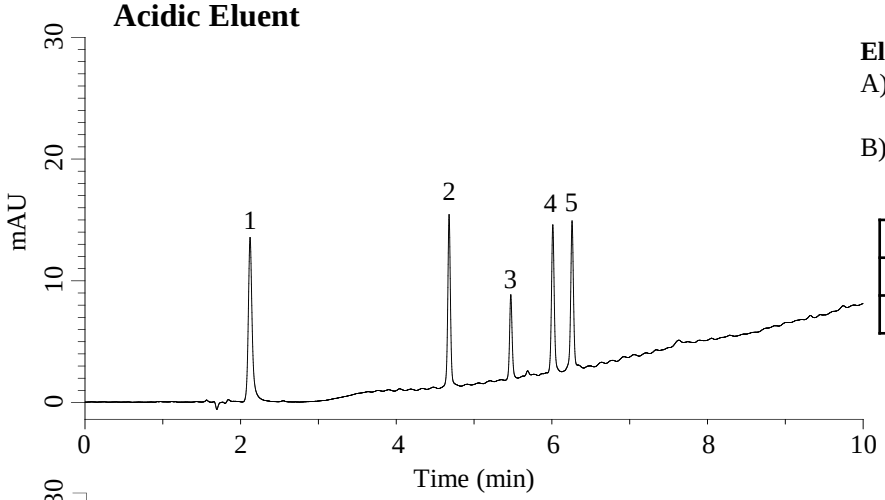
Inertsil Applications

Analysis of Peptides

Data No. LB732-0806

Acidic Eluent



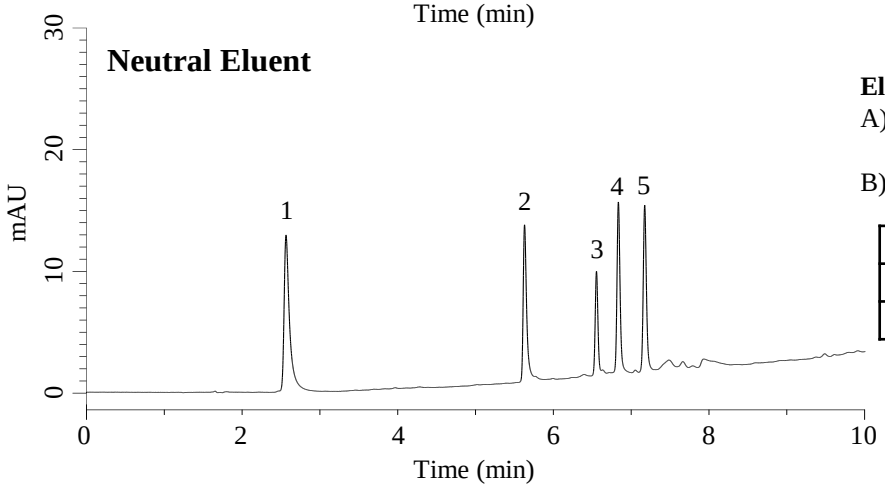
Eluent (Acidic) :

A) (10 mM $HCOONH_4$ + 0.1% HCOOH) in (CH_3CN/H_2O = 90/10, v/v)

B) (10 mM $HCOONH_4$ + 0.1% HCOOH) in H_2O

Time (min)	A (Vol%)	B (Vol%)
0.0	2	98
10.0	80	20

Neutral Eluent



Eluent (Neutral) :

A) 10 mM $HCOONH_4$ in (CH_3CN/H_2O = 90/10, v/v)

B) 10 mM $HCOONH_4$ in H_2O

Time (min)	A (Vol%)	B (Vol%)
0.0	2	98
10.0	80	20

Conditions

Column : InertSustain AX-C18 (GL Sciences Inc.) (3 μm, 150 x 2.1 mm I.D.)
Column Cat. No. : 5020-91039
Flow Rate : 0.3 mL/min
Col. Temp. : 40 ℃
Detection : UV 254 nm
Injection Vol. : 1 μL
Sample : Standard

Analyte:

1. Gly-Tyr
2. Val-Tyr-Val
3. Angiotensin II (Asp-Arg-Val-Tyr-Ile-His-Pro-Phe)
4. Met-Enkephalin (Tyr-Gly-Gly-Phe-Met)
5. Leu-Enkephalin (Tyr-Gly-Gly-Phe-Lue)

(500 mg/L each)