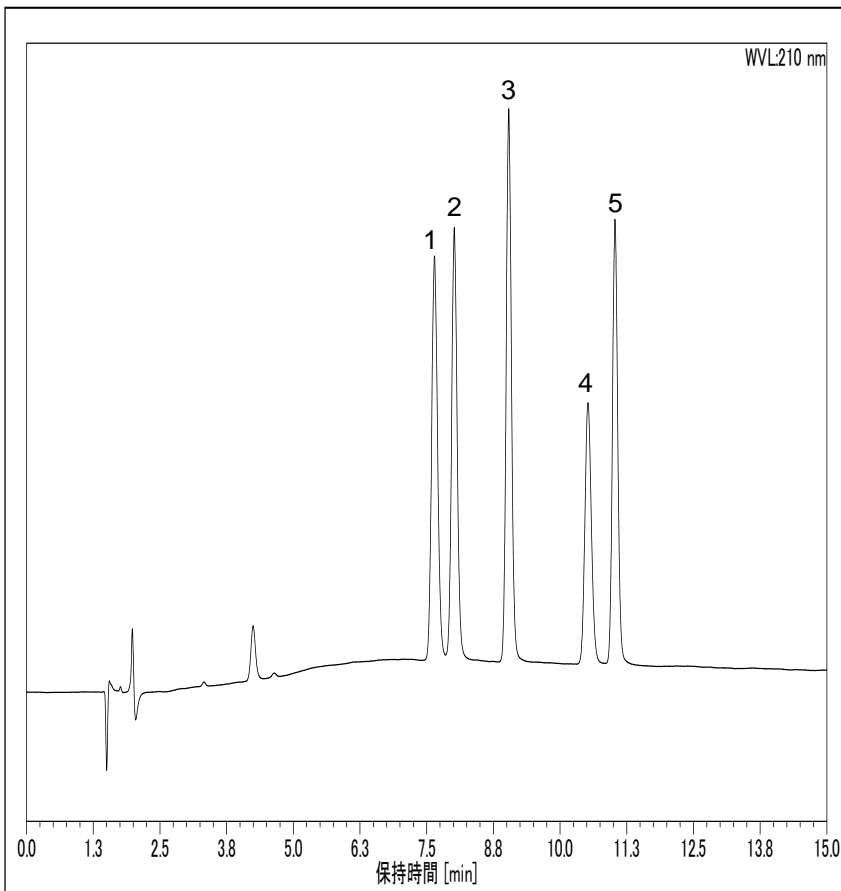


ペプチドの分析(5種)

Develosil® XG-C30Mを用いて5種類の酸性化合物を分析しました。保持時間に大きな差があるためグラジエント溶出を用いています。



Sample

1.Bradykinine (20.08ug/ml)

Arg-Pro-Pro-Gly-Phe-Ser-Pro-Phe-Arg

2.Methionine-Enkephalin (21.6ug/ml)

Tyr-Gly-Gly-Phe-Met

3.Angiotensin II (Human) (21.2ug/ml)

Asp-Arg-Val-Tyr-Ile-His-Pro-Phe

4.Neurotensin (21.6ug/ml)

Pyr-Leu-Tyr-Glu-Asn-Lys-Pro-Arg-Arg-Pro-Tyr-Ilu-Leu

5.Angiotensin I (Human) (21.6ug/ml)

Asp-Arg-Val-Tyr-Ile-His-Pro-Phe-His-Leu

Conditions;

Column: Develosil XG-C30M (5um)

Size: 4.6x150mm

Mobile phase: A) Acetonitrile B) 50mM NaCl (pH2.4)

Gradient: B) 85% → 60% (20min)

Flow rate: 1.0ml/min

Temperature: 40°C

Detection: UV210nm

Injection volume: 10.0uL

System: DIONEX/Ultimate 3000 Series