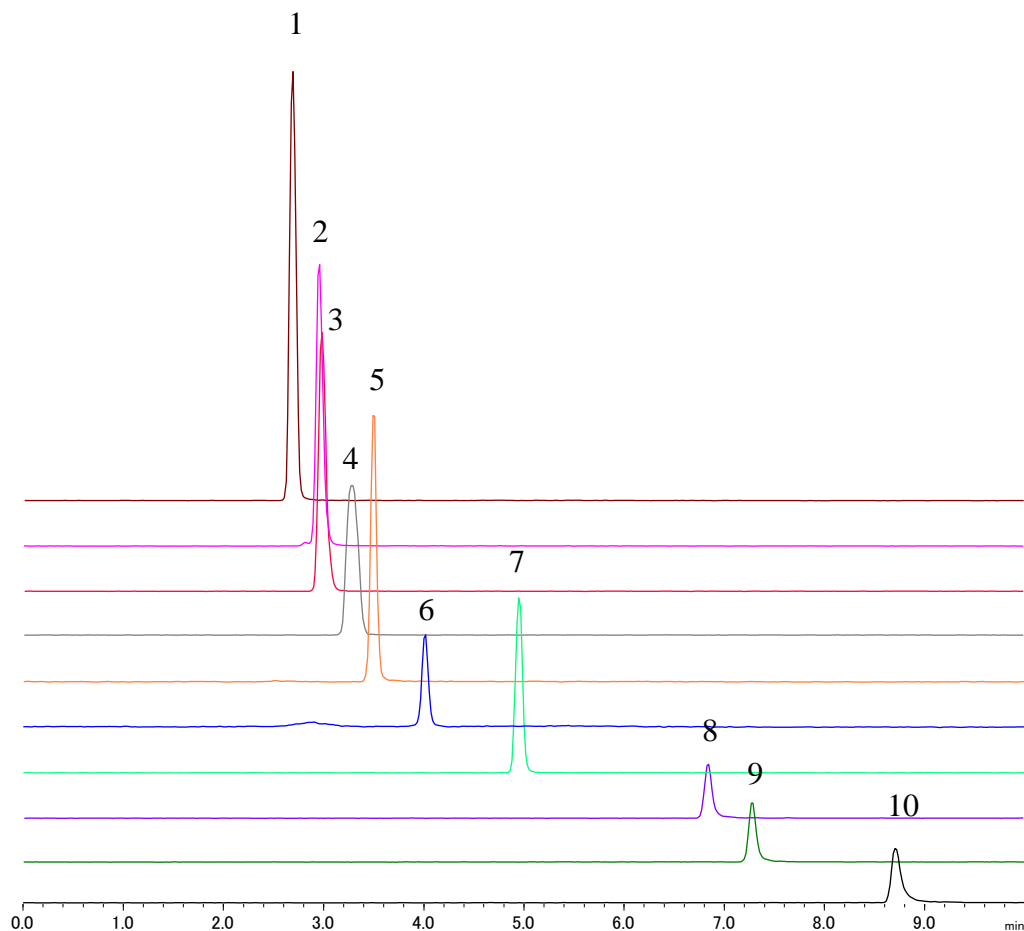


Analysis of Dipeptides



Conditions

Column : InertSustain Amide
 (1.9 μm, 150 x 2.1 mm I.D.)
Column Cat. No. : 5020-88819
Eluent : A) 0.1% HCOOH in CH₃CN
 B) 0.1% HCOOH in H₂O

Time(min)	A(vol%)	B(vol%)
0	85	15
10	60	40

Flow rate : 0.2 mL/min
Col. Temp. : 40 °C
Detection : MS/MS (ESI, Positive, SRM)
Injection Vol. : 1 μL
Sample : Standard (100 ng/mL each)

Analyte:

	Q1 / Q3
1. Ala-Phe	237 / 166
2. Ala-Val	189 / 118
3. Gly-Phe	223 / 120
4. Ala-Tyr	253 / 182
5. Ala-Ala	161 / 44
6. Ala-Gly	147 / 44
7. Ala-Gln	218 / 147
8. Ala-His	227 / 110
9. Gly-His	213 / 110
10. Gly-Lys	276 / 84