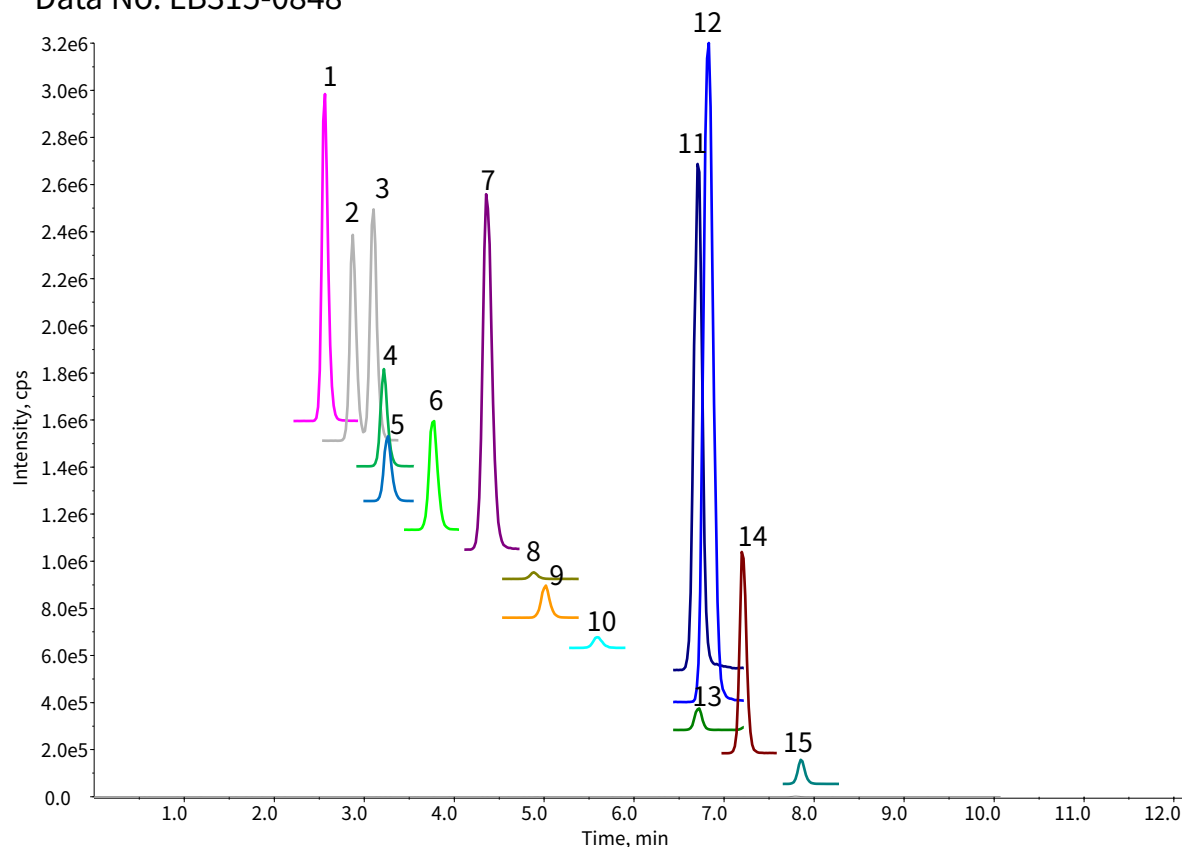


Analysis of Amino acid with HILIC mode separation

Data No. LB315-0848



Conditions

System : LC800 HPLC system
Column : Inertsil Amide
 (3 μ m, 150 x 2.1 mm I.D., Metal-free hardware)
Column Cat. No. : 5020-00541
Eluent : A) 100 mM HCOONH_4 + 0.1 % HCOOH in CH_3CN
 B) 100 mM HCOONH_4 + 0.1 % HCOOH in H_2O
 A/B = 75/25 – 3 min – 75/25 – 7 min – 50/50, v/v
Flow Rate : 0.3 mL/min
Col. Temp. : 40 °C
Detection : LC/MS/MS (4000 Q TRAP® : ESI, Positive, SRM)
Injection Vol. : 5 μ L
Sample : Standard

Analyte:

	Q1 / Q3
1. Phenylalanine	166 / 120
2. Leucine	132 / 86
3. Isoleucine	132 / 86
4. Metionine	150 / 133
5. Tyrosine	182 / 136
6. Valine	118 / 72
7. Proline	116 / 70
8. Alanine	90 / 44
9. Threonine	120 / 74
10. Serine	106 / 70
11. Histidine	155 / 110
12. Arginine	175 / 70
13. Glutamic acid	148 / 84
14. Lysine	147 / 84
15. Cystine	241 / 152

(5 μ M each)