

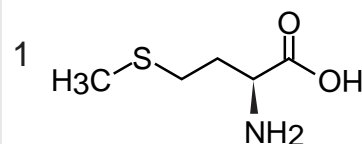
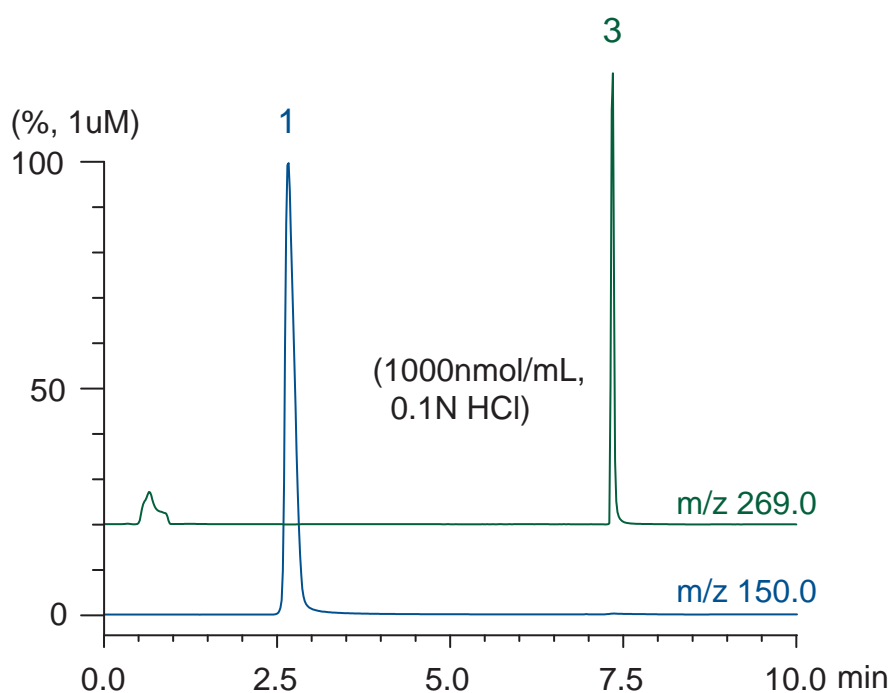
Intrada Amino Acid

50 x 3 mm

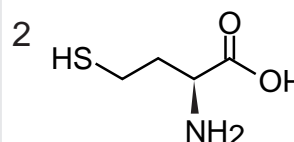
Application

LC-MS: Homocysteine and relative compounds (recommended)

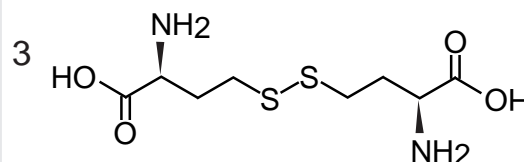
ホモシステインおよび関連化合物(推奨メソッド)



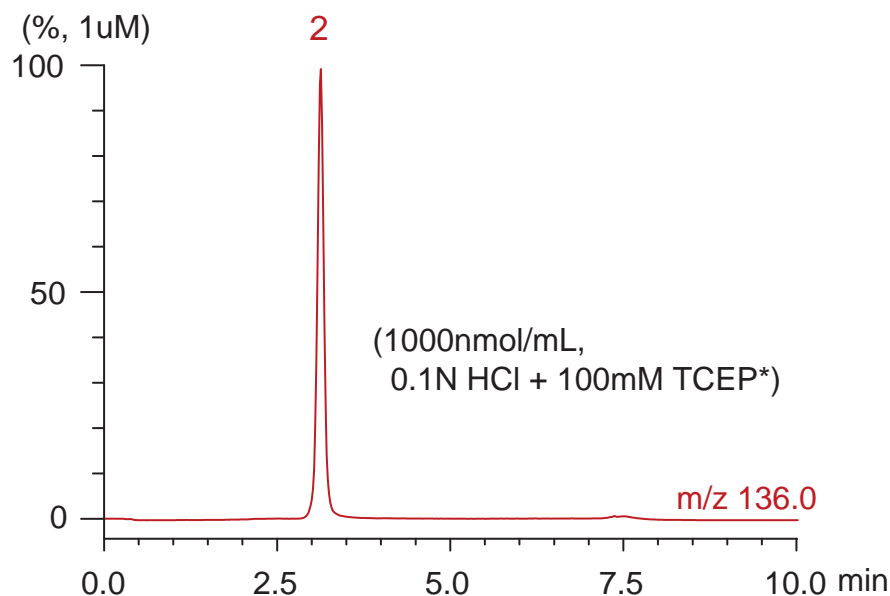
L-methionine



L-homocysteine



L-homocystine



Intrada Amino Acid, 50 x 3 mm

A: acetonitrile /tetrahydrofuran /25mM ammonium formate /formic acid = 9 /75 /16 /0.3

B: acetonitrile /100mM ammonium formate = 20 / 80

0 %B (0-2.5 min), 0-17 %B (2.5-6.5 min), 100 %B (6.5-10 min)

0.6 mL/min(6 MPa), 35°C, 5uL (0.1N HCl)

Single Quad. MS: ESI (SIM, positive)

* : sonicated in the presence of 100 mM tris(2-carboxyethyl)phosphine for 30 min.