

Scherzo SW-C18

50 x 3 mm

Application

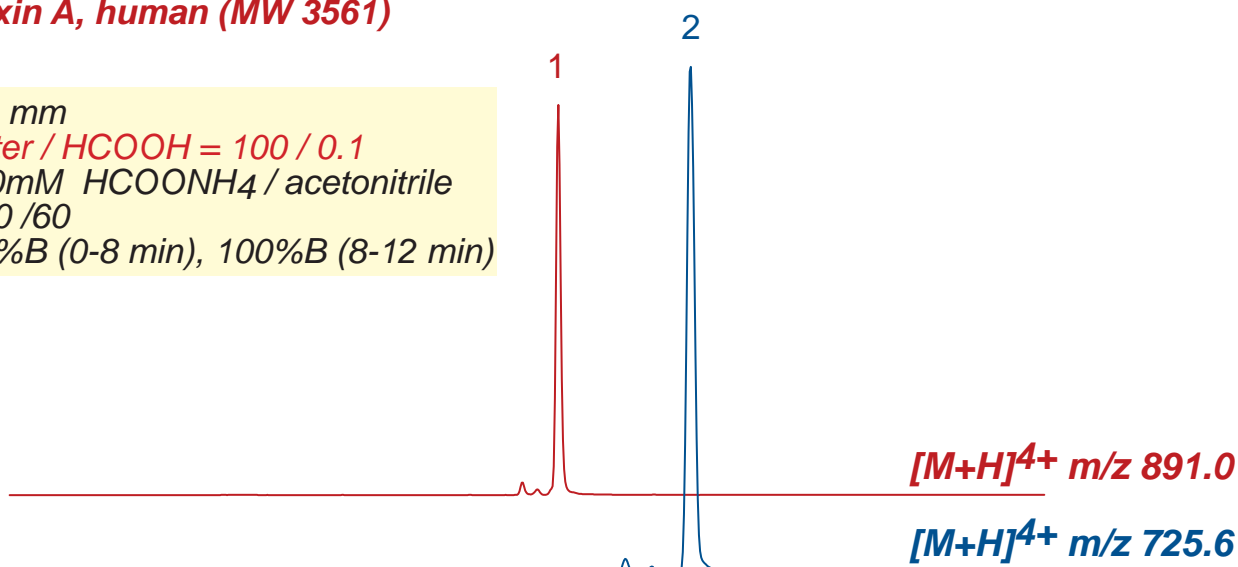
LC-MS: Orexin A and B

オレキシンAおよびBのLC-MS分析

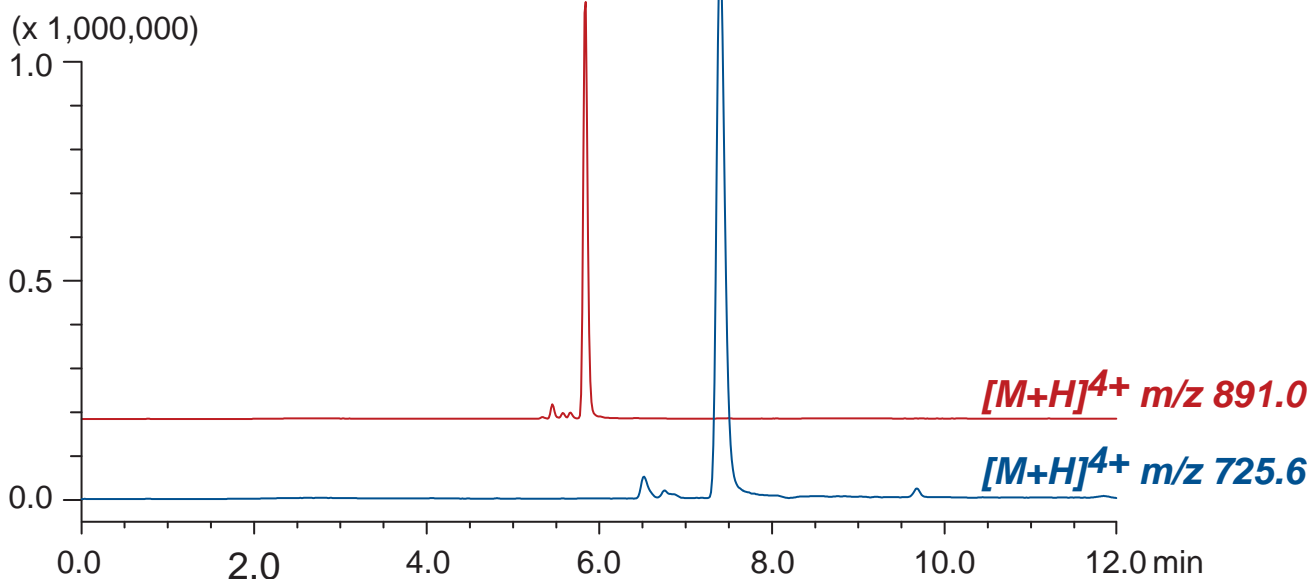
1 H-Pro-Pro-Leu-Pro-Asp-Cys-Cys-Arg-Gln-Lys-
Thr-Cys-Ser-Cys-Arg-Leu-Tyr-Glu-Leu-Leu-
His-Gly-Ala-Gly-Asn-His-Ala-Ala-Gly-Ile-
Leu-Thr-Leu-NH₂
orexin A, human (MW 3561)

2 H-Arg-Ser-Gly-Pro-Pro-Gly-Leu-Gln-Gly-Arg-
Leu-Gln-Arg-Leu-Leu-Gln-Ala-Ser-Gly-Asn-
His-Ala-Ala-Gly-Ile-Leu-Thr-Met-NH₂
orexin B, human (MW 2899)

50 x 3 mm
A: water / HCOOH = 100 / 0.1
B: 150mM HCOONH₄ / acetonitrile
= 40 / 60
0-100%B (0-8 min), 100%B (8-12 min)



50 x 3 mm
A: 20mM HCOONH₄
B: 150mM HCOONH₄ / acetonitrile
= 40 / 60
0-100%B (0-8 min), 100%B (8-12 min)



0.4 mL/min (4 MPa), 60°C, 5 μ L (10 μ g/mL, 1% formic acid), Single Quad. MS (ESI)