

Scherzo SW-C18

50 x 3 mm

Application

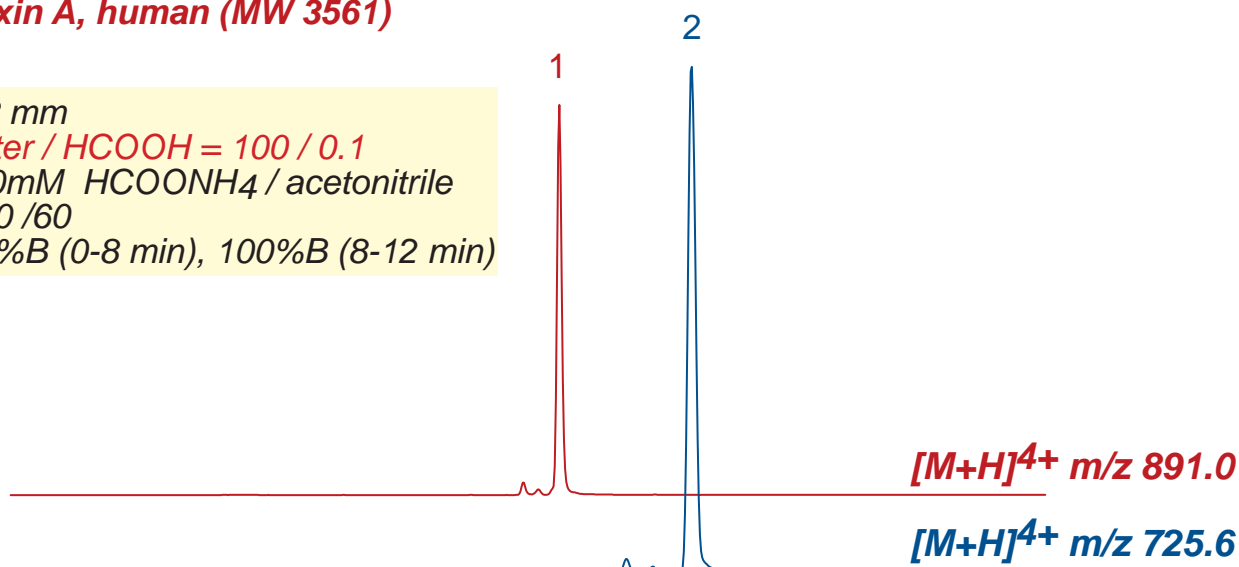
LC-MS: Orexin A and B

オレキシンAおよびBのLC-MS分析

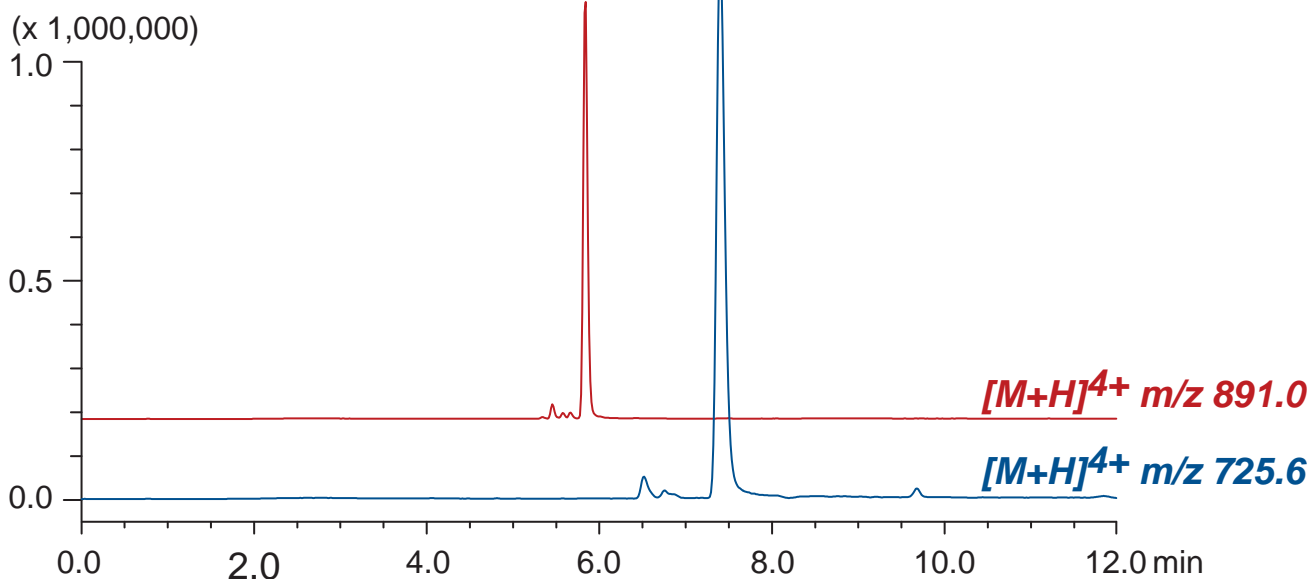
1 H-Pro-Pro-Leu-Pro-Asp-Cys-Cys-Arg-Gln-Lys-  
Thr-Cys-Ser-Cys-Arg-Leu-Tyr-Glu-Leu-Leu-  
His-Gly-Ala-Gly-Asn-His-Ala-Ala-Gly-Ile-  
Leu-Thr-Leu-NH<sub>2</sub>  
**orexin A, human (MW 3561)**

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-NH<sub>2</sub>  
**orexin B, human (MW 2899)**

50 x 3 mm  
A: water / HCOOH = 100 / 0.1  
B: 150mM HCOONH<sub>4</sub> / acetonitrile  
= 40 / 60  
0-100%B (0-8 min), 100%B (8-12 min)



50 x 3 mm  
A: 20mM HCOONH<sub>4</sub>  
B: 150mM HCOONH<sub>4</sub> / acetonitrile  
= 40 / 60  
0-100%B (0-8 min), 100%B (8-12 min)



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