

Scherzo SW-C18

50 x 3 mm

Unison UK-Phenyl

100 x 3 mm

Application

LC-MS: Orexin A and B

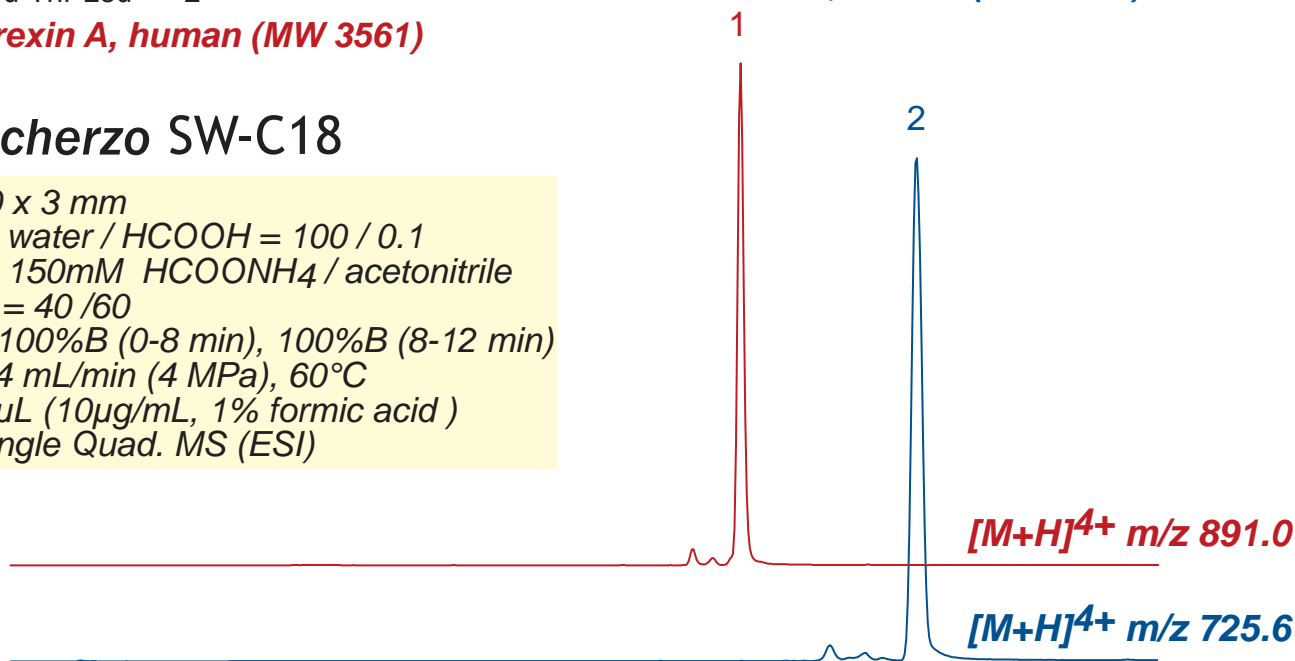
オレキシンAおよびBのLC-MS分析

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)

Scherzo SW-C18

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



Unison UK-Phenyl

100 x 3 mm
 A: water / HCOOH = 100 / 0.5
 B: acetonitrile / HCOOH = 100 / 0.5
 15-40%B (0-10 min)
 0.4 mL/min (6 MPa), 37°C
 5 μL (10μg/mL, 1% formic acid)
 Single Quad. MS (ESI)

