Hepcidin-25 and Truncated Isoforms by LC-HR-MS

ACE®
Ultra-inert
UHPLC & HPLC Columns

Application #AN3090

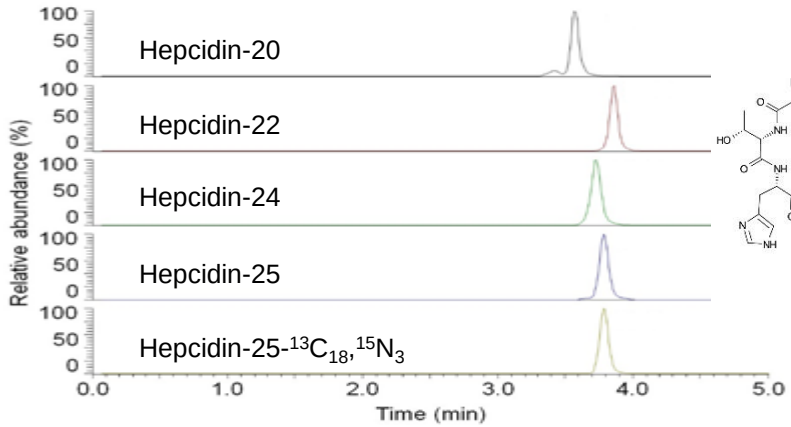
Conditions

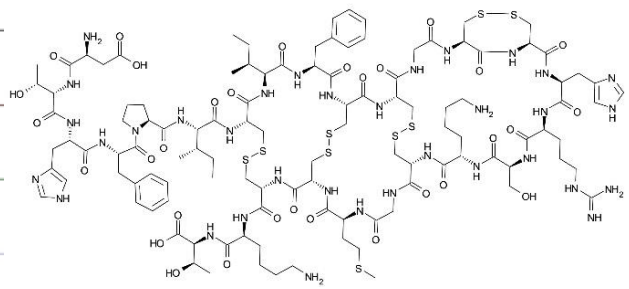
Column:	ACE 3 C18
Dimensions:	100 x 2.1 mm
Part Number:	ACE-111-1002
Mobile Phase:	A: 0.1% formic acid in H_2O B: 0.1% formic acid in MeCN

Time (mins)	%B
0	15
5	100
6	100

Flow Rate:	0.25 mL/min
Injection:	100 µL
Temperature:	60 °C
Detection:	ThermoFisher Scientific Q-Exactive™ high resolution MS Heated electrospray ionisation (positive mode) Spray voltage: 4.5 kV Vaporiser temperature: 200 °C Capillary temperature: 320 °C Detection: Full scan *m/z* 400 – 1000 Extracted ion chromatogram from sum of 6 most abundant isotopes of +3, +4 and +5 charge states

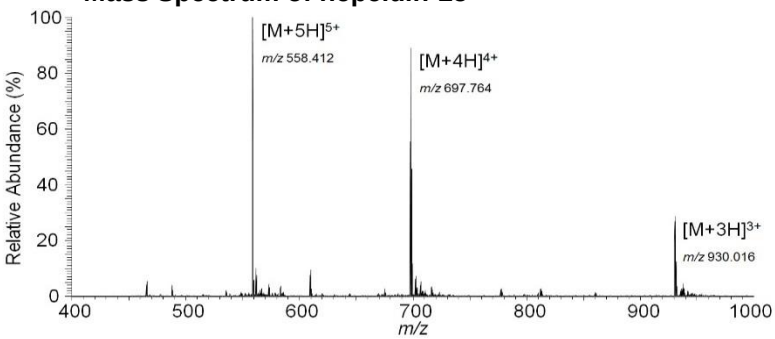
EIC for hepcidin-25 and truncated isoforms





Hepcidin-25
(MW 2789)

Mass Spectrum of hepcidin-25



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