

HPLC Application

ID No.: 17516

PEGylated 1-7 fragment peptide Substance P on Jupiter® 300 C4 5µm, reaction at different time-points

Column: Jupiter® 5 µm C4 300 Å, LC Column 150 x 4.6 mm, Ea

Dimensions: 150 x 4.6 mm ID

Order No: 00F-4167-E0

Elution Type: Gradient

Eluent A: 0.1% TFA 2% ACN in Water

Eluent B: 70/20% ACN/IPA 0.08% TFA in Water

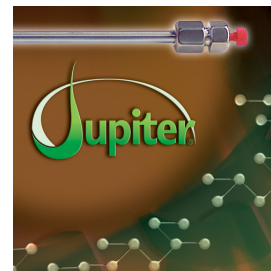
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	85	15
	2	25	30	70

Flow Rate: 1 mL/min

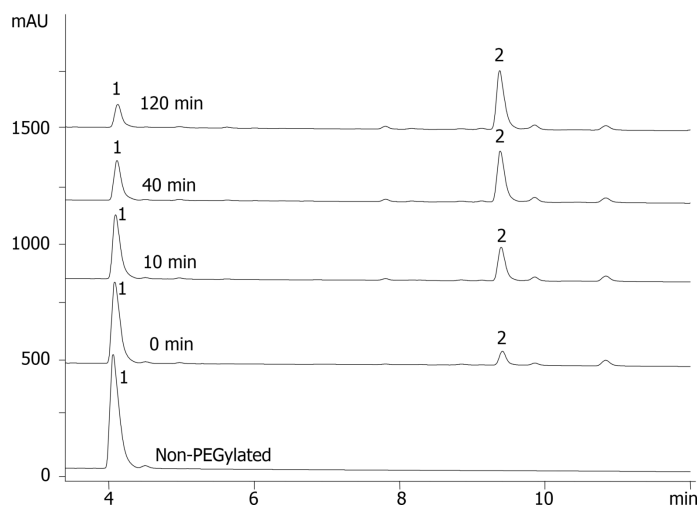
Col. Temp.: 45 °C

Detection: UV-Vis Abs.-Variable Wave.(UV) @ 214 nm (25 °C)

Analyst Note: Separation of Amine PEGylated 1-7 fragment peptide Substance P (Arg-Pro-Lys-Pro-Gln-Gln-Phe) with 1kDa Methoxy PEG NH₂ (MW 1000) on Jupiter 300 5µm C4



Products used in this application:



ANALYTES:

- 1 PEGylated peptide Substance P

