

# 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

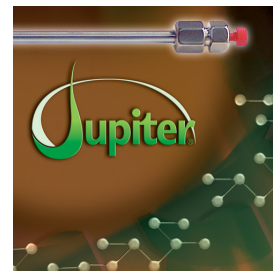
Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	85	15
	2	25	30	70

**Flow Rate:** 1 mL/min

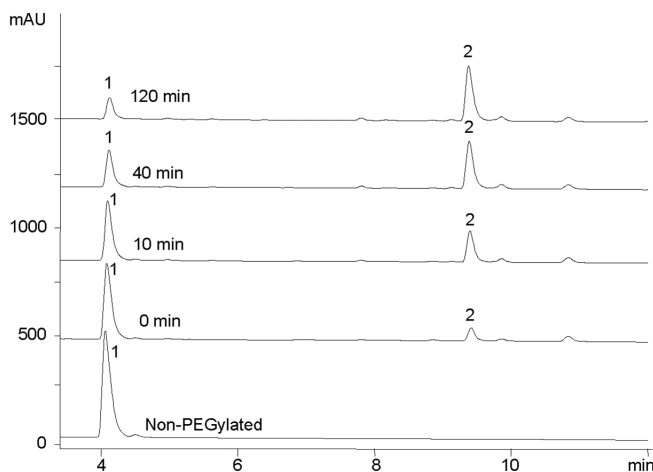
**Col. Temp.:** 45 °C

**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 NH<sub>2</sub> (Mn = 1000) on Jupiter 300 C4 5µm. ID No.: 17516



Products used in this application:



### ANALYTES:

- 1 PEGylated peptide Substance P

