

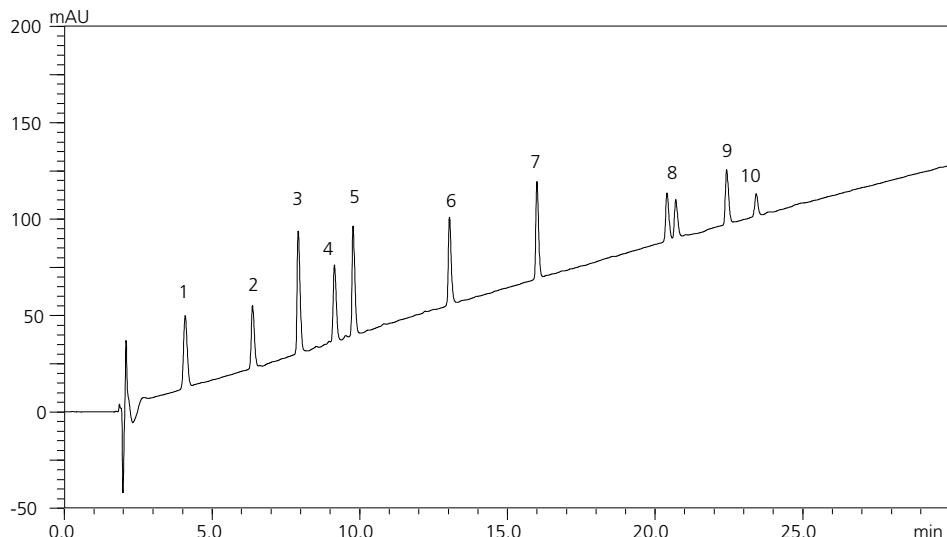
**CoreFocus**  
**Report**

**No.545**

LC    Reversed-phase    Shim-pack™ Series

**Shim-pack Scepter™ C4-300**  
**Analysis of 10 peptide mixtures**

**Keywords:** Peptide, Protein, Bio-pharmaceutical



1. Bradykinin Fragment 1-7
2. Bradykinin
3. Angiotensin II (human)
4. Neurotensin
5. Angiotensin I (human)
6. Angiotensinogen 1-14  
Renin Substrate porcine
7. Ace-FFHDRVYIHPFHLVVYS-NH<sub>2</sub>
8. Protein Ser/Thr Phosphatase
9. FEIFLSQPILELEAPLK-NH<sub>2</sub>
10. Melittin

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System	:	Nexera™ XR
Column	:	Shim-pack Scepter C4-300 (150 mm x 4.6 mmI.D., 5 µm) P/N :227-31183-05
Mobile phase	:	A) 0.1% formic acid in water B) 0.1% formic acid in acetonitrile
Flow rate	:	1.0 mL/min
Gradient program	:	B conc. 10%(0 min) → 65%(40 min) → 95%(40.01-45 min) → 10%(45.1-50 min)
Column temp.	:	60°C
Injection volume	:	5 µL
Detection	:	UV 220 nm

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