

# Snake Venom from *Crotalus durissus terrificus*

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Ultra-inert  
UHPLC & HPLC Columns

Application #AN4190

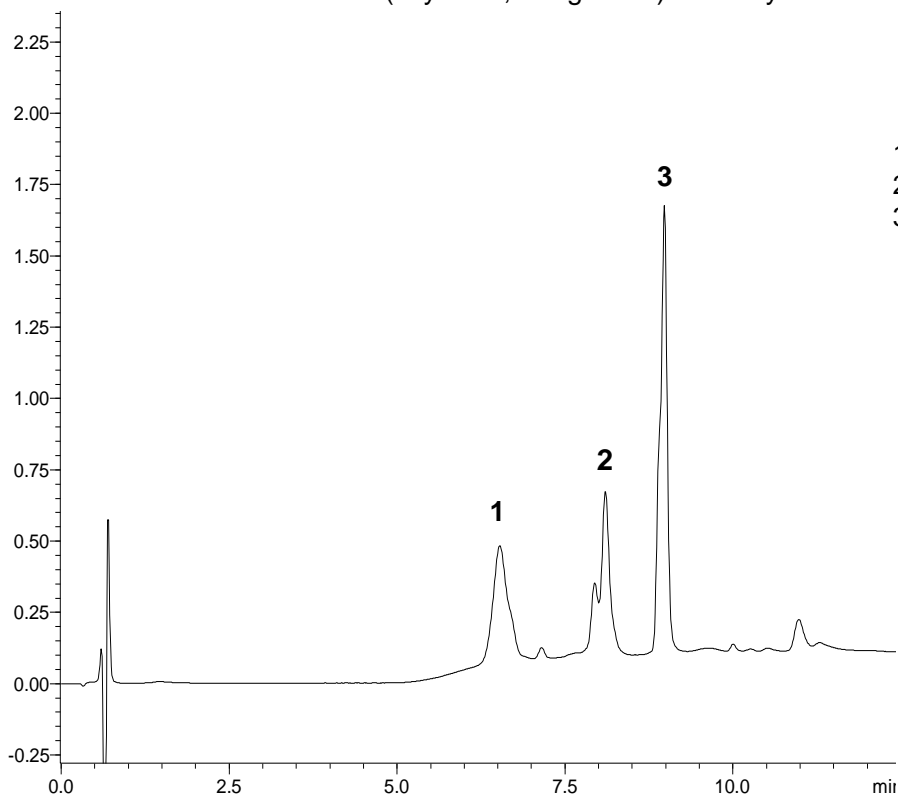
## Conditions

Column: ACE 3 C8-300  
Dimensions: 50 x 4.6 mm  
Part Number: ACE-212-0546  
Mobile Phase: A: 0.1% TFA in H<sub>2</sub>O  
B: 0.1% TFA in MeCN/H<sub>2</sub>O (90:10 v/v)

Time (mins)	%B
0	20
2	20
27	70

Flow Rate: 1.2 mL/min  
Injection: 20 µL  
Detection: UV, 214 nm  
Sample: Lyophilised crude venom powder was solubilised (1 mg/mL) in 0.1% TFA. Resulting solutions were centrifuged and the supernatant used for analyses.

Crotamine is a 42 residue long cationic polypeptide containing 11 basic residues (9 lysines, 2 arginines) and 6 cysteines



1. Crotamine
2. Crotapotin
3. Phospholipase A2 (PLA<sub>2</sub>)

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