Parotoid Macrogland Secretions from South American Toads

ACE®
Ultra-inert
UHPLC & HPLC Columns

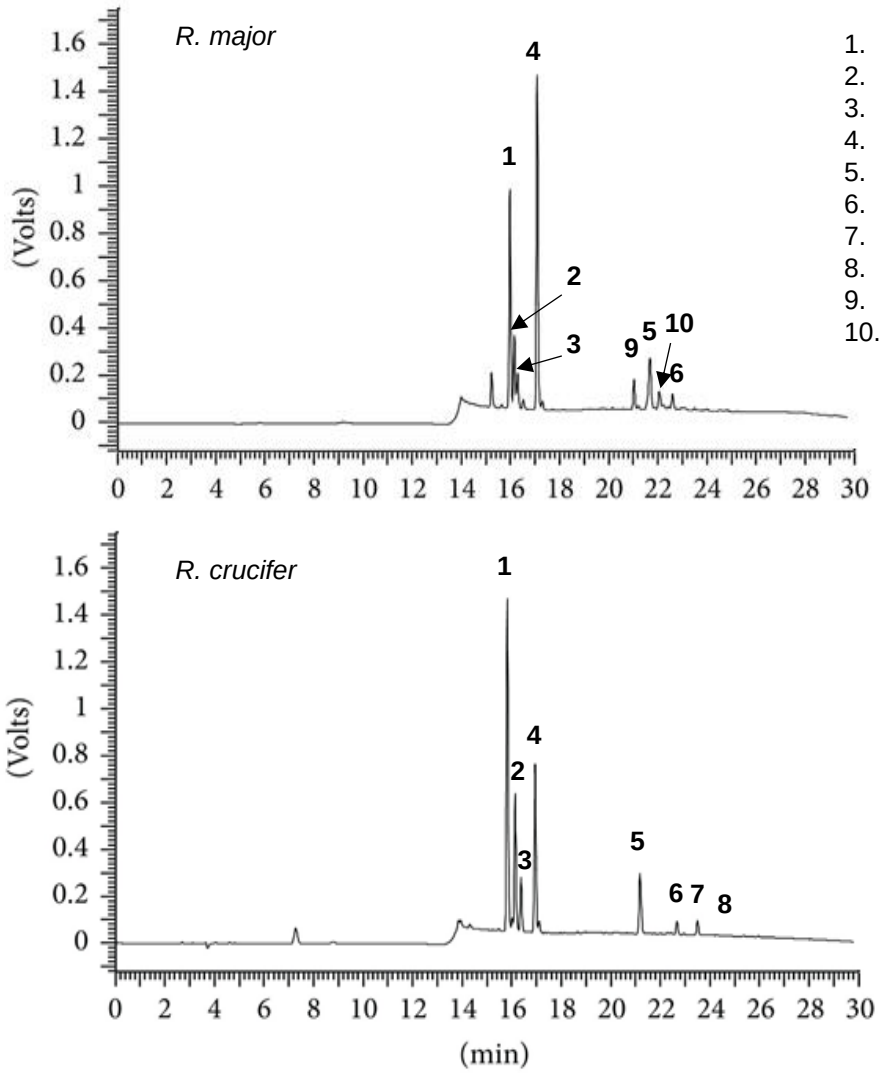
Application #AN3970

Conditions

Column:	ACE 5 C18
Dimensions:	250 x 4.6 mm
Part Number:	ACE-121-2546
Mobile Phase:	A: 0.1% TFA in H_2O
	B: 0.1% TFA in MeCN/H_2O (90:10 v/v)

Time (mins)	%B
0	0
5	0
25	100

Flow Rate:	1 mL/min
Detection:	PDA, 214 nm (Scanning 200-500 nm)



1. Serotonin
2. N-Methylserotonin
3. N,N-Dimethylserotonin (bufotenine)
4. Dehydrobufotenine
5. Hellebrigenin
6. Marinobufagin
7. Telocinobufagin
8. Bufalin
9. Hellebrigenol-3-O-sulfate
10. Desacetylcinobufagin

Sciani JM, Angeli CB, Antoniazzi MM, Jared C, Pimenta DC. Differences and Similarities among Parotoid Macrogland Secretions in South American Toads: A Preliminary Biochemical Delineation.The Scientific World Journal 2013, http://dx.doi.org/10.1155/2013/937407

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