Sterols from Marine Sponge *Haliclona Simulans* by LC-HRFTMS

ACE® Ultra-inert UHPLC & HPLC Columns

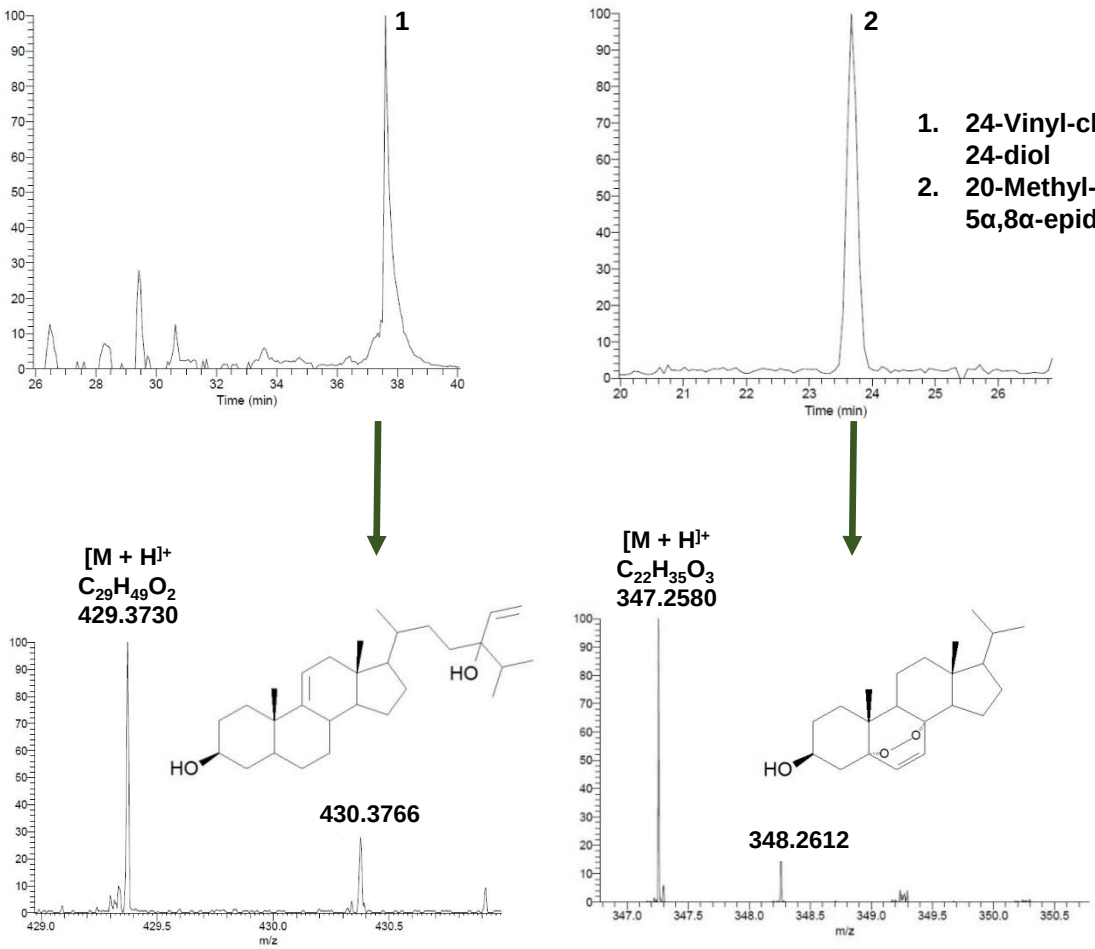
Application #AN4790

Conditions

Column:	ACE 5 C18
Dimensions:	75 x 3.0 mm
Part Number:	ACE-121-7503
Mobile Phase:	A: 0.1% formic acid in H_2O B: 0.1% formic acid in MeCN

Time (mins)	%B
0	10
30	100
35	100

Flow Rate:	0.3 mL/min
Detection:	Thermo Scientific Exactive Orbitrap Positive ion ESI accurate mass
Sample:	Extract of freeze-dried *Haliclona simulans* sponge subjected to fractionation by flash chromatography



1. **24-Vinyl-cholest-9-ene-3β, 24-diol**
2. **20-Methyl-pregn-6-en-3β-ol, 5α,8α-epidioxy**

Viegelmann C, Parker J, Ooi T, Clements C, Abbott G, Young L, Kennedy J, Dobson ADW, Edrada-Ebel R. (2014) Isolation and identification of antitrypanosomal and antimycobacterial active steroids from the sponge haliclona simulans. *Marine Drugs*, **12**, 2937-2952. doi:10.3390/md12052937 (http://creativecommons.org/licenses/by/3.0/)

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