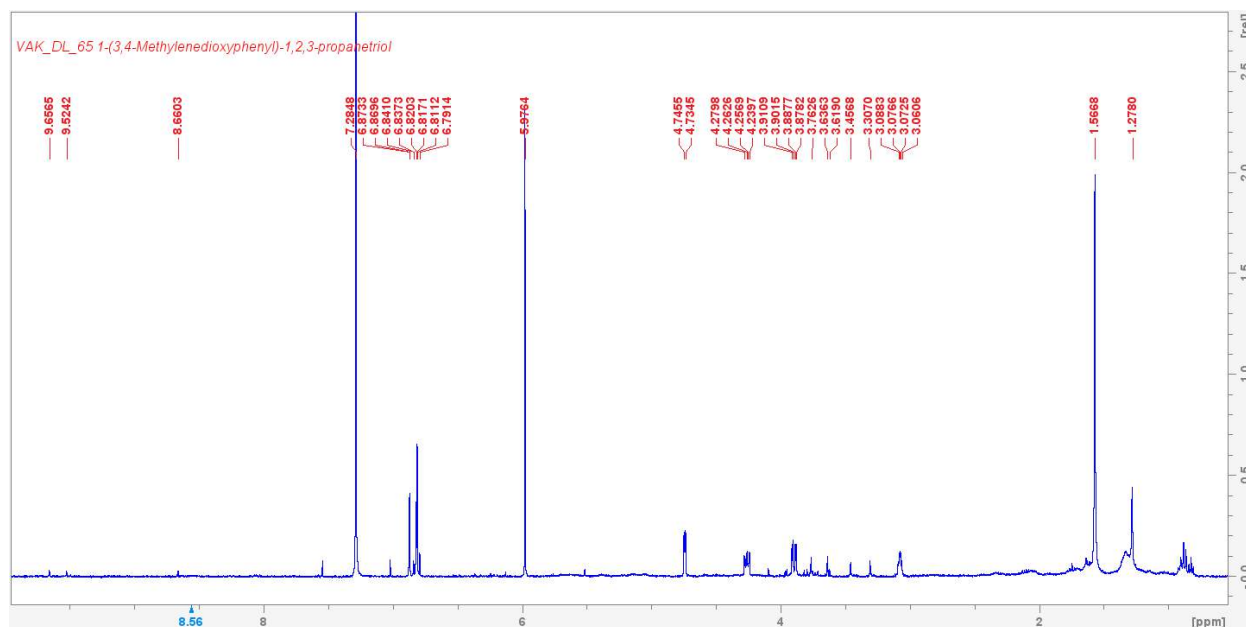


Supplemental information

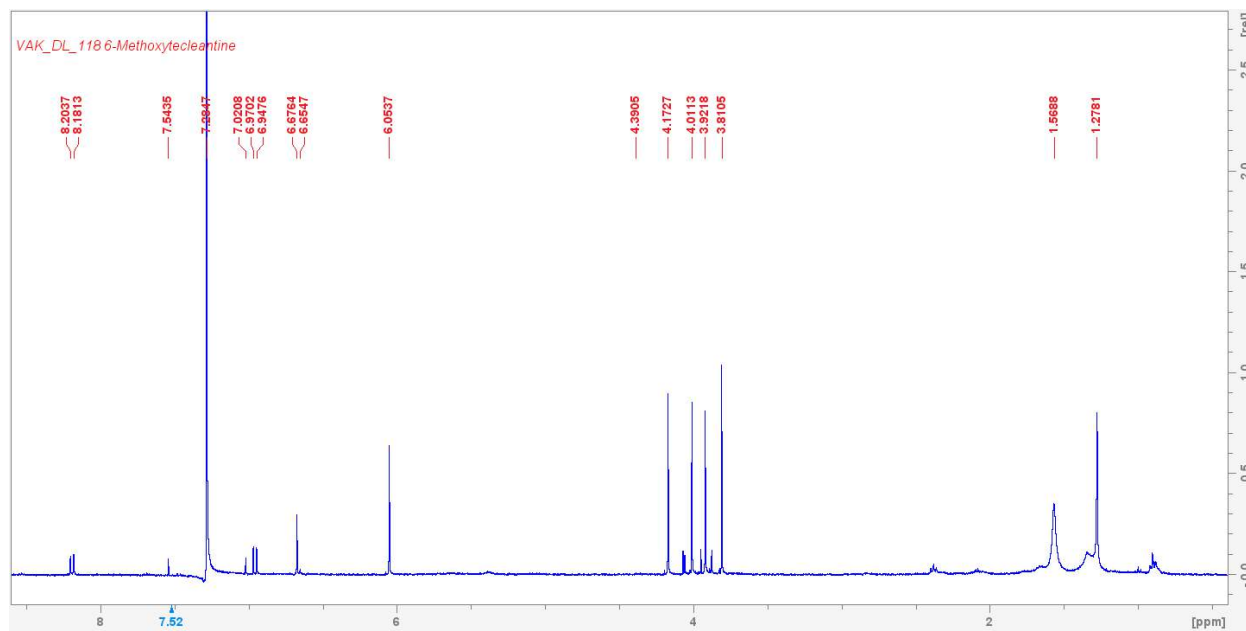
List of compounds identified and their corresponding samples/fractions. Crude signifies that the compound could be identified in the original extract without separation.

DCM extracts		
Compound	Reference	Sample and fraction
Tecleanthine (1)	(Atangana et al., 2017)	GT crude GU5 97 GU4 crude GT(1) crude VAK 102 WT 33 WT(2) crude WU(T) crude WU(K) crude
Evoxanthine (2)	(Ombito, Chi & Wansi, 2021)	GT crude GU5 112 GU4 crude GT(1) crude VAK 111 WT 33 WT(2) crude WU(T) crude WU(K) crude
6-methoxytecleanthine (3)	(Atangana et al., 2017)	GU5 136 VAK 118 WT crude WT(2) crude WU(T) crude WU(K) crude
Tecleanone (4)	(Casey & Malhotra, 1975)	GT crude GU5 32-34 GU4 crude GT(1) crude VAK crude WT 28-29 WT(2) crude
1-(3,4-Methylenedioxyphenyl)-1,2,3-propanetriol (5)	(Rahman & Moon, 2007)	GT crude GT(1) crude GU5 51-55 GU4 crude VAK 65 WT crude WU(T) crude WU(K) crude
Lupeol (6)	(Ombito, Chi & Wansi, 2021)	VAK 38 WU(K) crude
Arborinine (7)	(Langat, Kami & Cheek, 2022)	VAK 72 WT crude

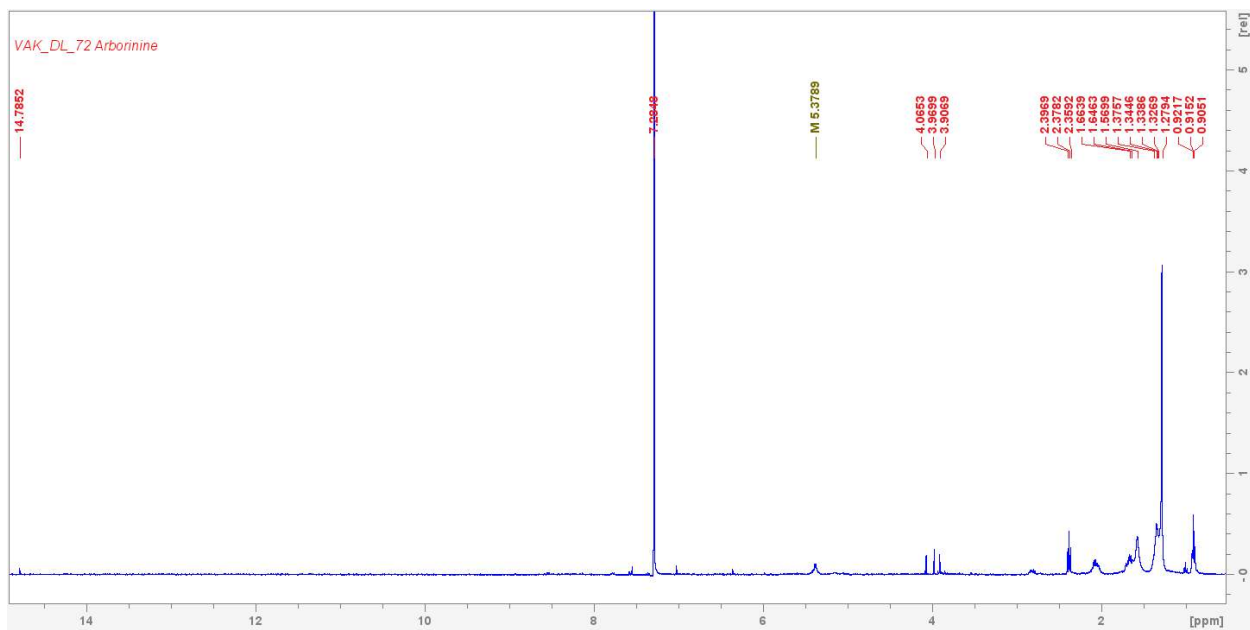
		GT crude WU(T) crude WU(K) crude
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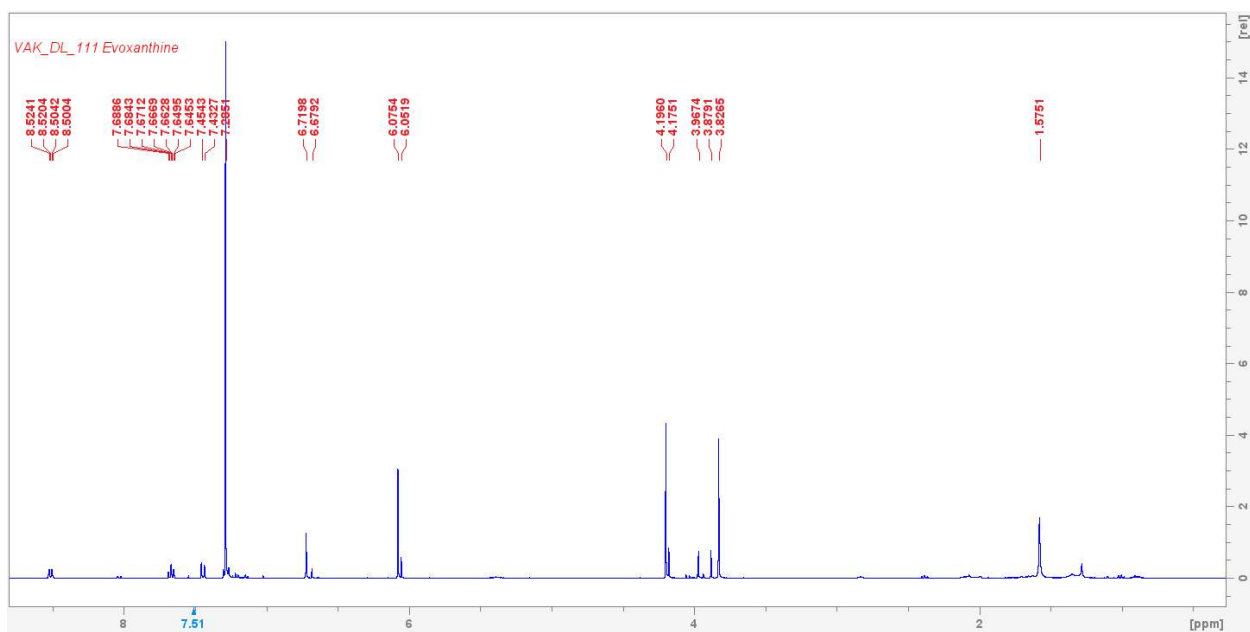
H^1 NMR spectra of the lignan, 1-(3,4-Methylenedioxyphenyl)-1,2,3-propanetriol



H^1 NMR spectra of 6-methoxytecleanthine



^1H NMR spectra of arborinine



^1H NMR spectra of evoxanthine

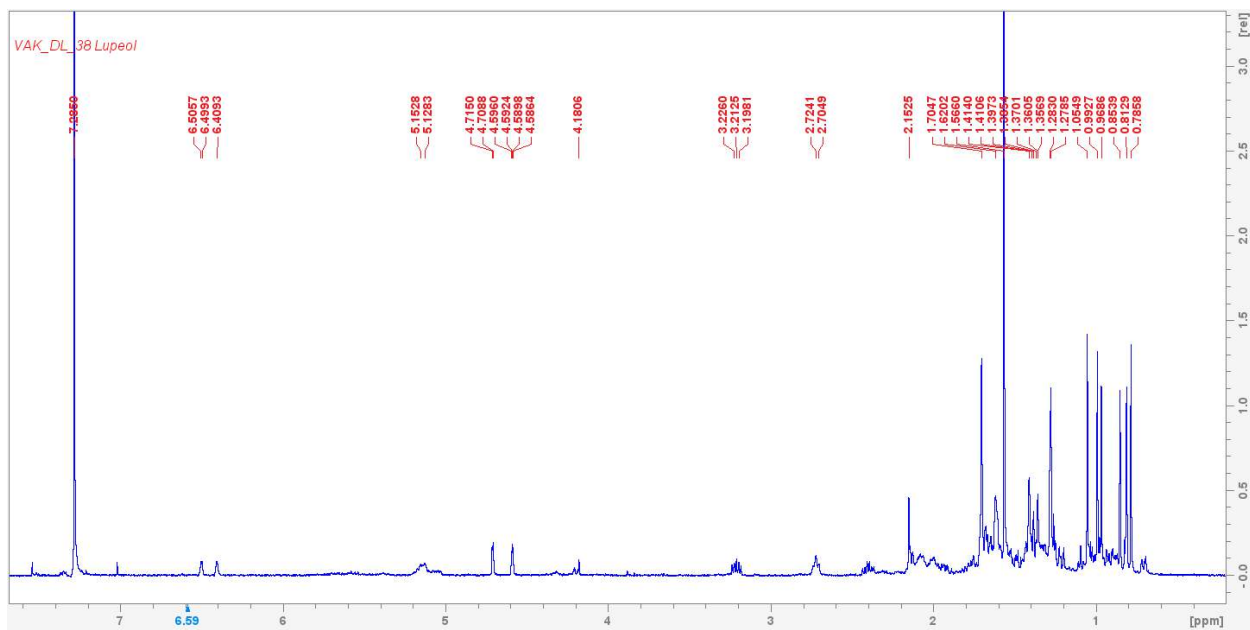
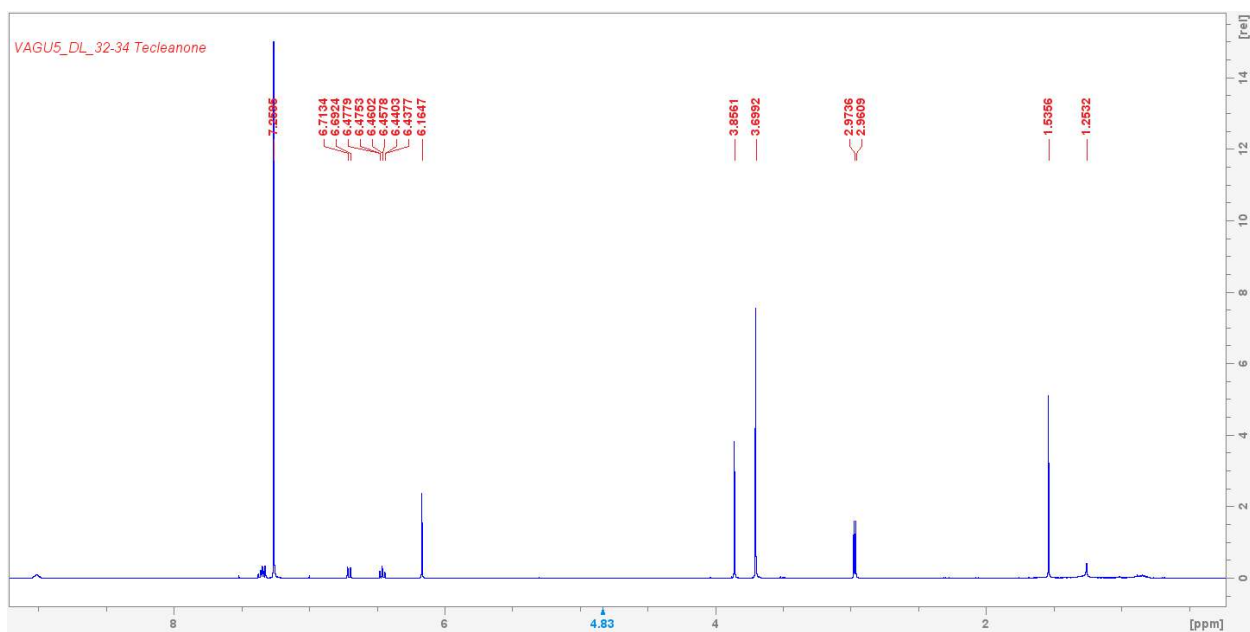
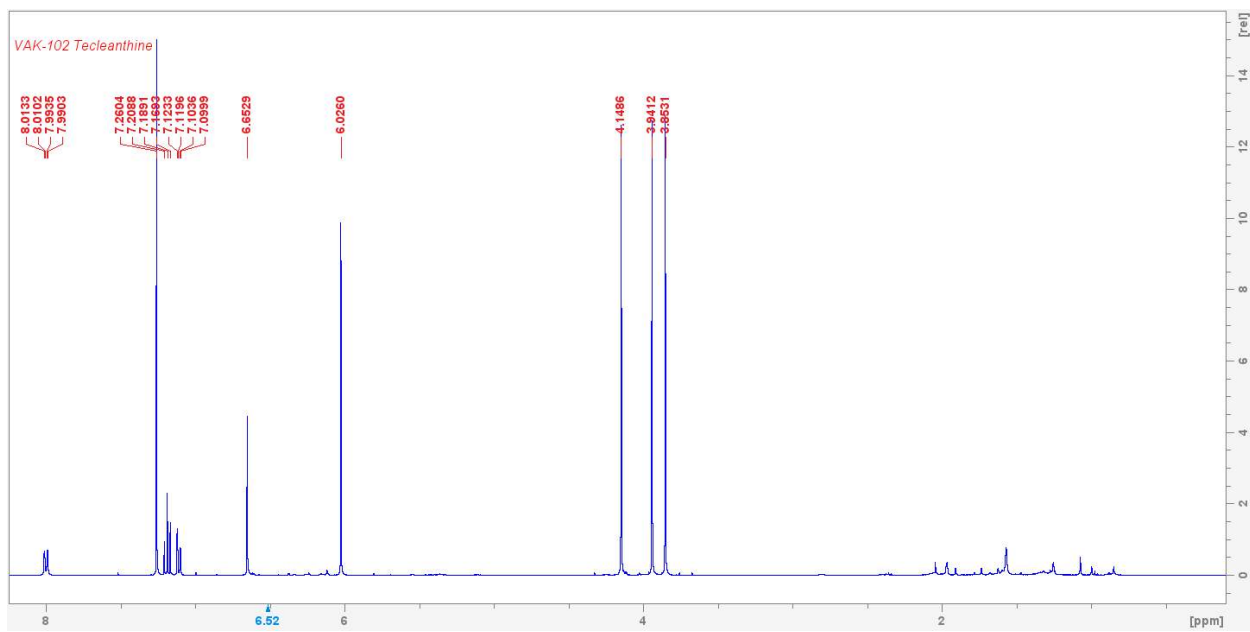


Figure 9. ^1H NMR spectra of lupeol



^1H NMR spectra of tecleanone



¹H NMR spectra of tecleanthine