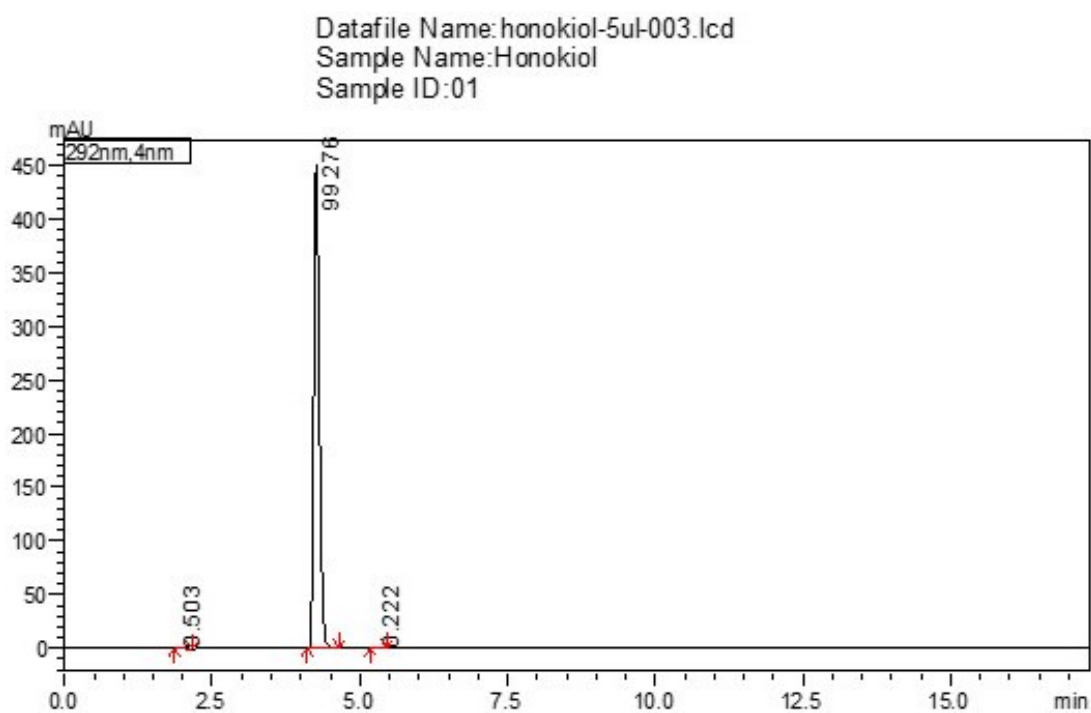


Effect of Honokiol on culture time and survival of Alzheimer's disease iPSC-derived neurons

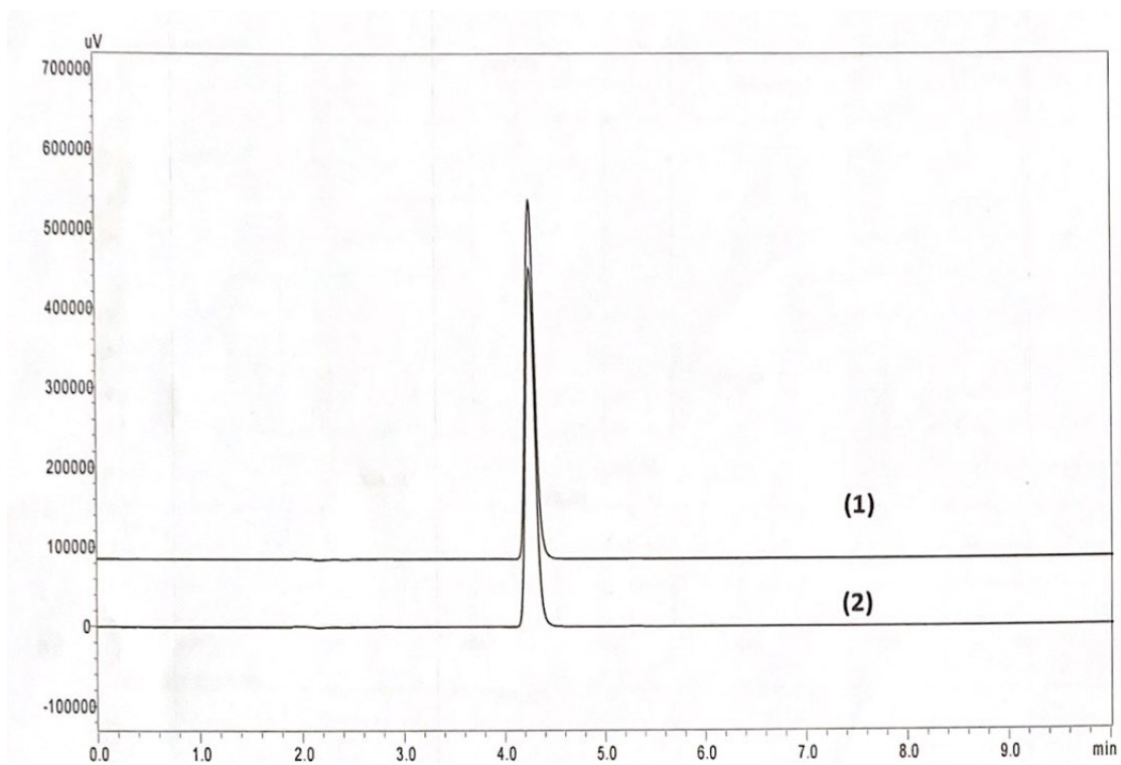
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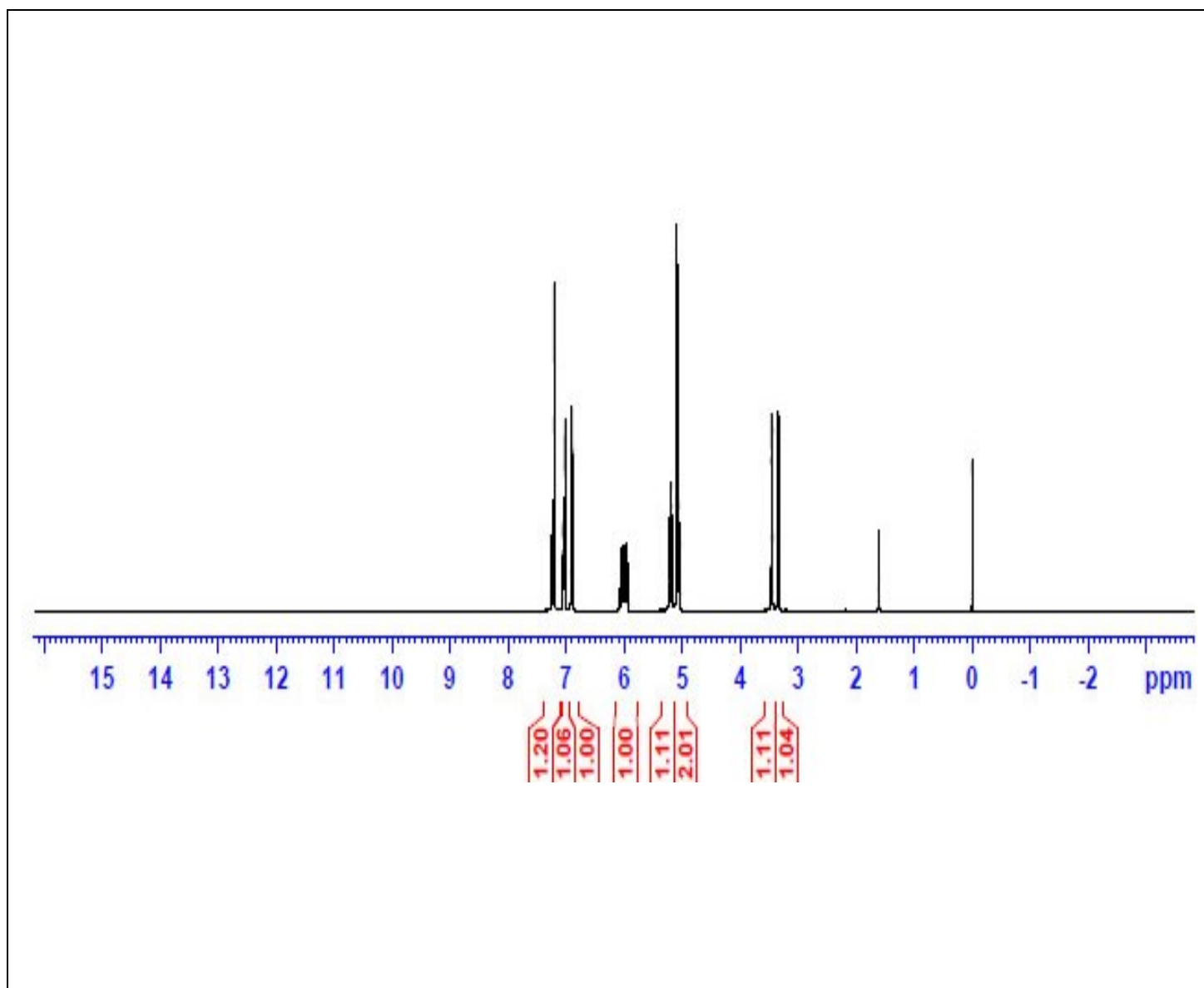
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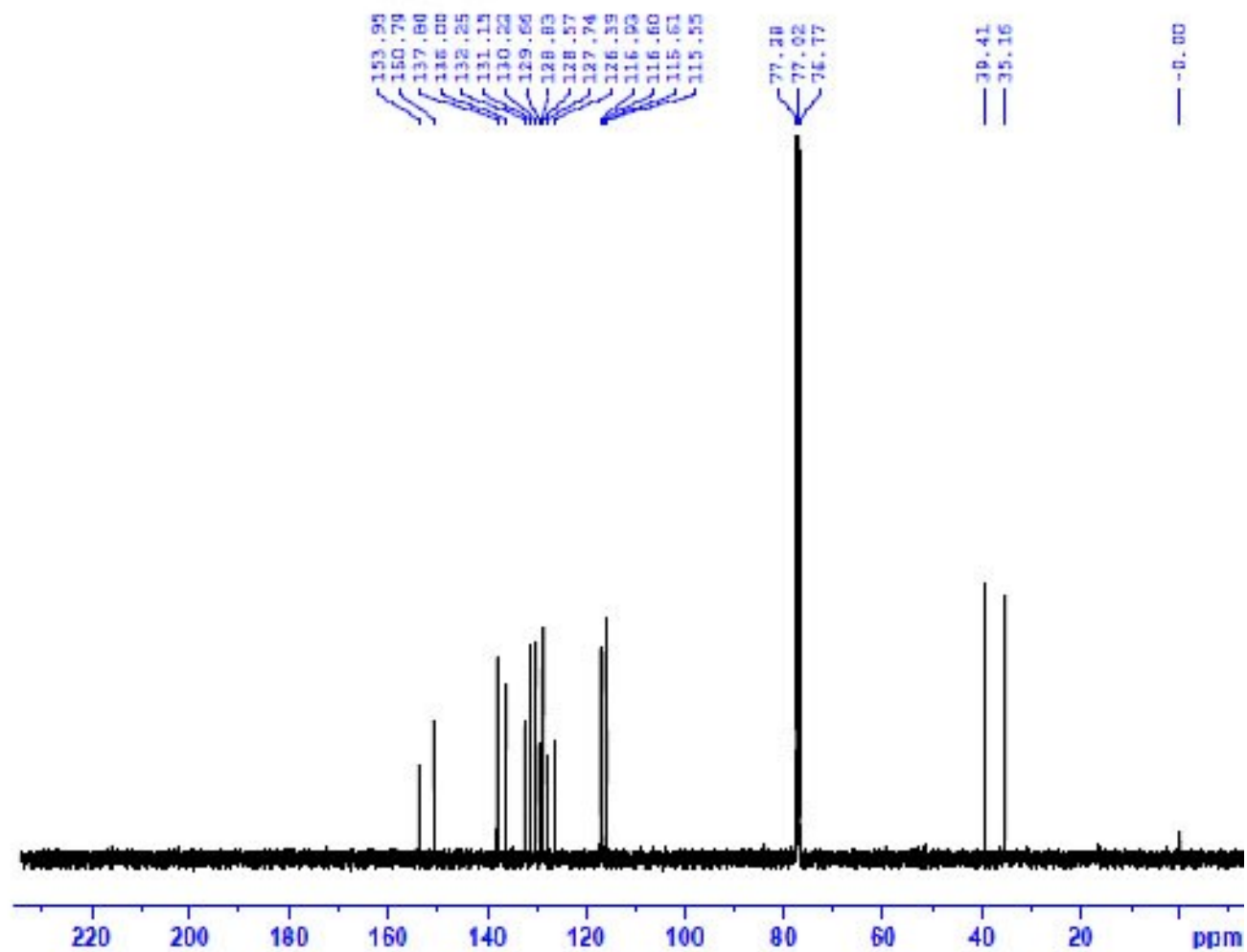
HPLC chromatography of honokiol



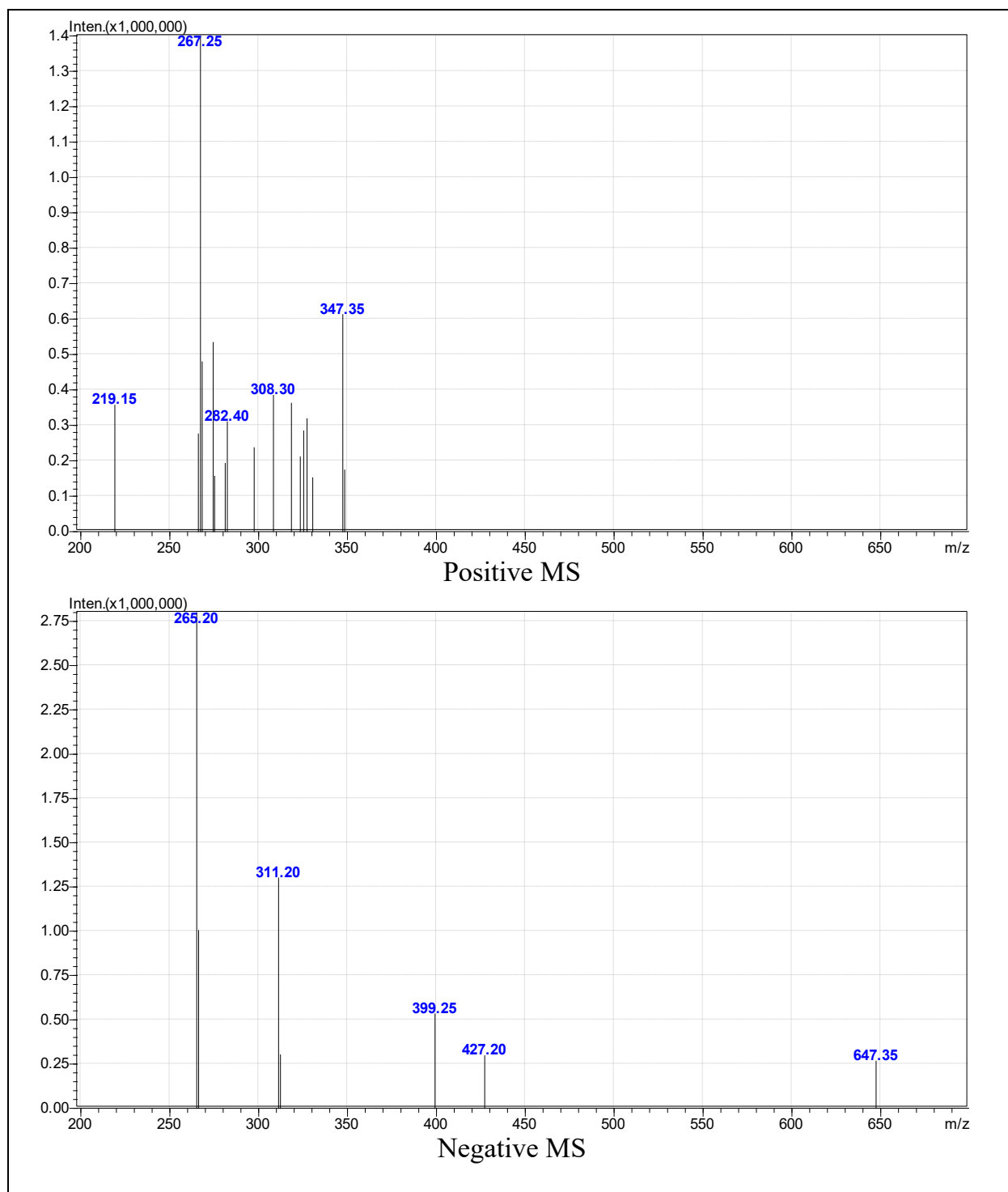
HPLC chromatography of honokiol (1) and standard honokiol (2)



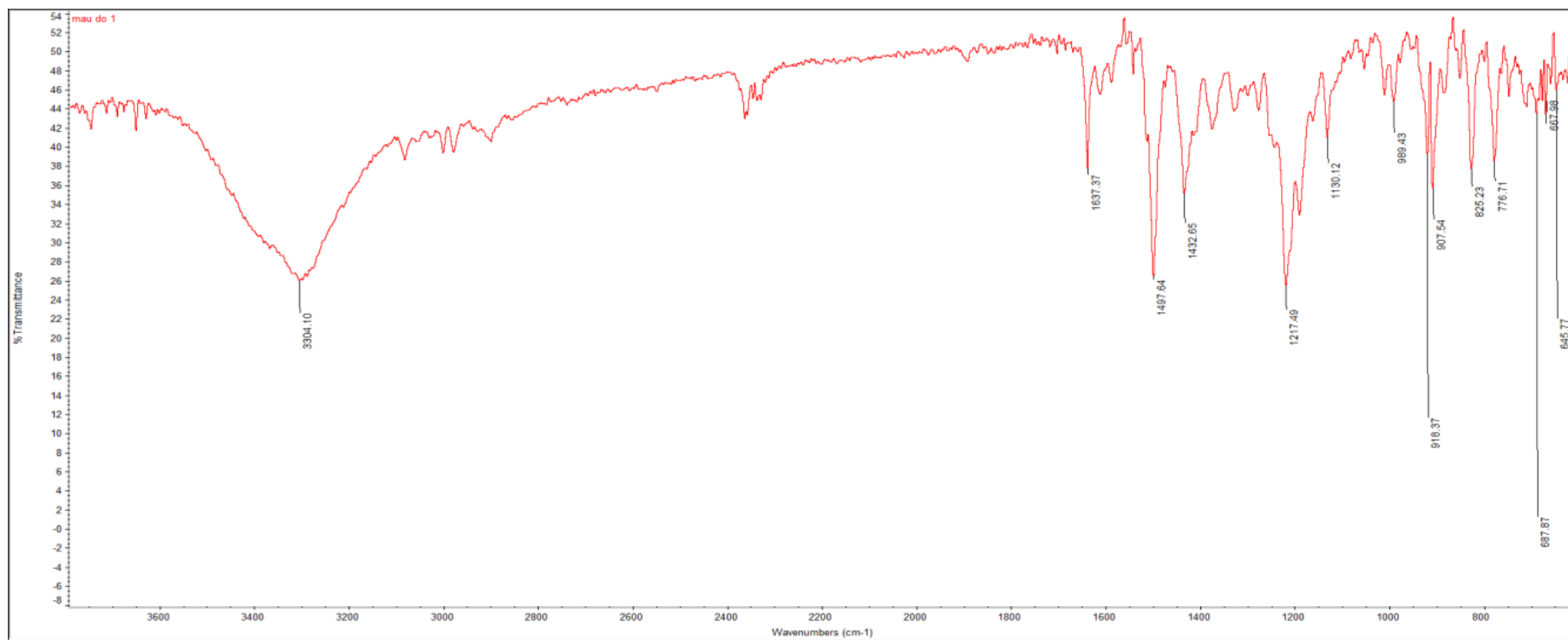
^1H NMR spectrum of honokiol.



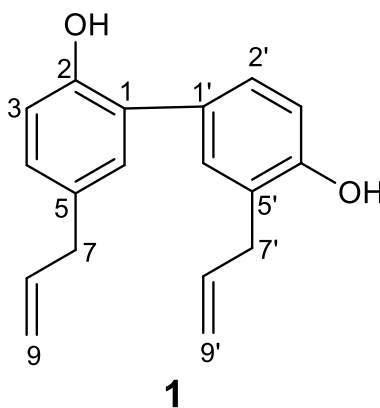
^{13}C NMR spectrum honokiol



High resolution electron ionization mass spectrum of honokiol



Fourier-transform infrared spectroscopy (FTIR) spectrum of honokiol



Chemical structure of honokiol

Table S1: NMR data of honokiol

Vị trí C	Honokiol		Standard honokiol	
	$\delta_{\text{H}}^{\text{a, b}}$	$\delta_{\text{C}}^{\text{a, c}}$	$\delta_{\text{H}}^{\text{a, d}}$	$\delta_{\text{C}}^{\text{a, e}}$
1		126,4		126,3
2		150,8		150,8
3	6,91 (1H, d, $J = 8,0$ Hz)	116,6	6,91 (1H, d, $J = 8,0$ Hz)	116,6
4	7,04 (1H, dd, $J = 8,0; 2,0$ Hz)	129,7	7,05 (1H, dd, $J = 8,0; 2,2$ Hz)	129,3
5		127,7		127,7
6	7,21 (1H, br s)	130,2	7,21 (1H, d, $J = 2,2$ Hz)	130,2
7	3,34 (2H, d, $J = 6,5$ Hz)	39,4	3,34 (2H, d, $J = 6,7$ Hz)	39,4
8	6,01 (1H, m)	136,0	6,00 (1H, m)	136,0
9	5,06 (2H, m)	115,6	5,12 (2H, m)	115,6
1'		128,8		128,8
2'	7,23 (1H, dd, $J = 8,0; 2,0$ Hz)	128,6	7,24 (1H, dd, $J = 8,0; 2,2$ Hz)	128,6
3'	6,89 (1H, d, $J = 8,0$ Hz)	116,9	6,90 (1H, d, $J = 8,0$ Hz)	117,0
4'		153,9		154,0
5'		132,3		132,2
6'	7,02 (1H, d, $J = 2,0$ Hz)	131,2	7,02 (1H, d, $J = 2,2$ Hz)	131,2
7'	3,46 (2H, d, $J = 6,5$ Hz)	35,2	3,46 (2H, d, $J = 6,5$ Hz)	35,2
8'	6,01 (1H, m)	137,8	6,00 (1H, m)	137,8
9'	5,06 (2H, m)	115,6	5,12 (2H, m)	115,6