

Supporting Information

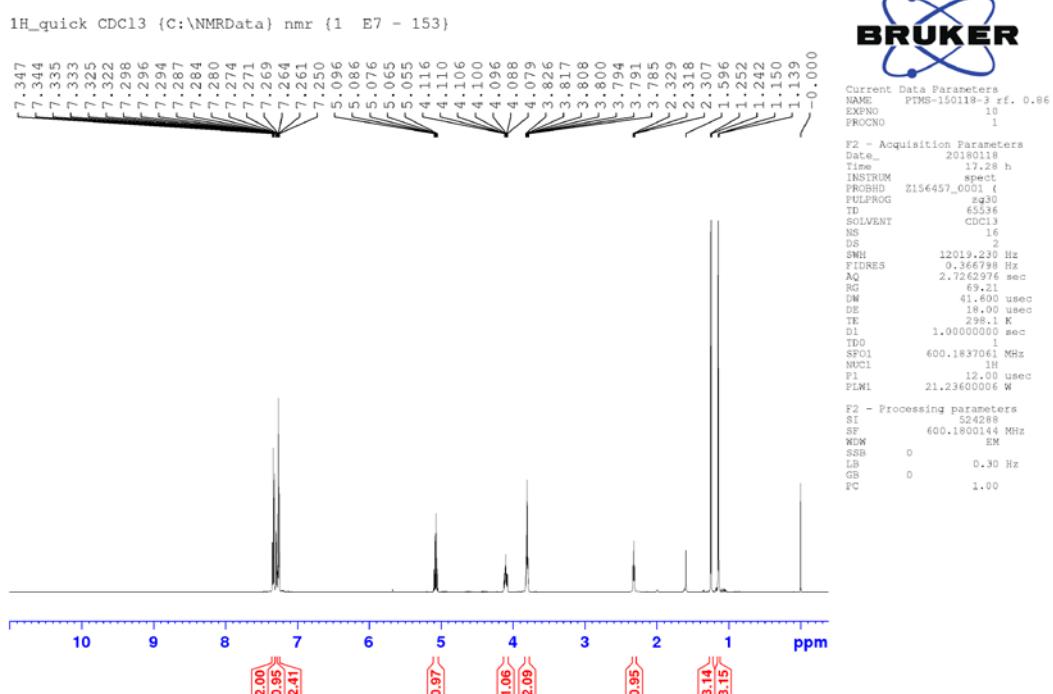
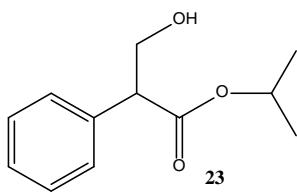
Green and efficient esterification method using dried Dowex H⁺/NaI approach

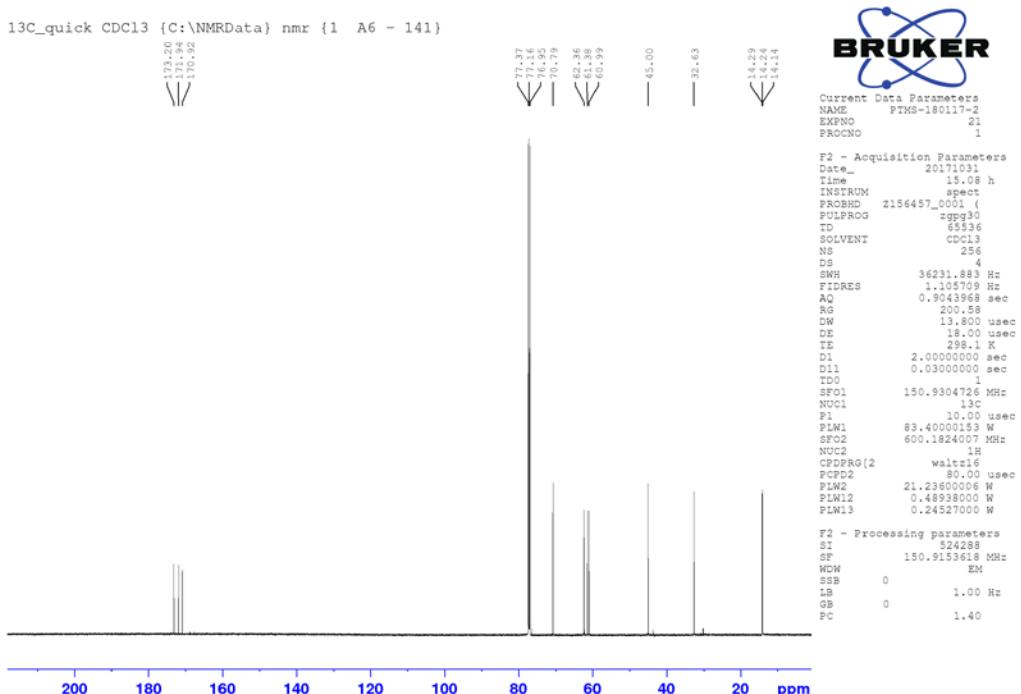
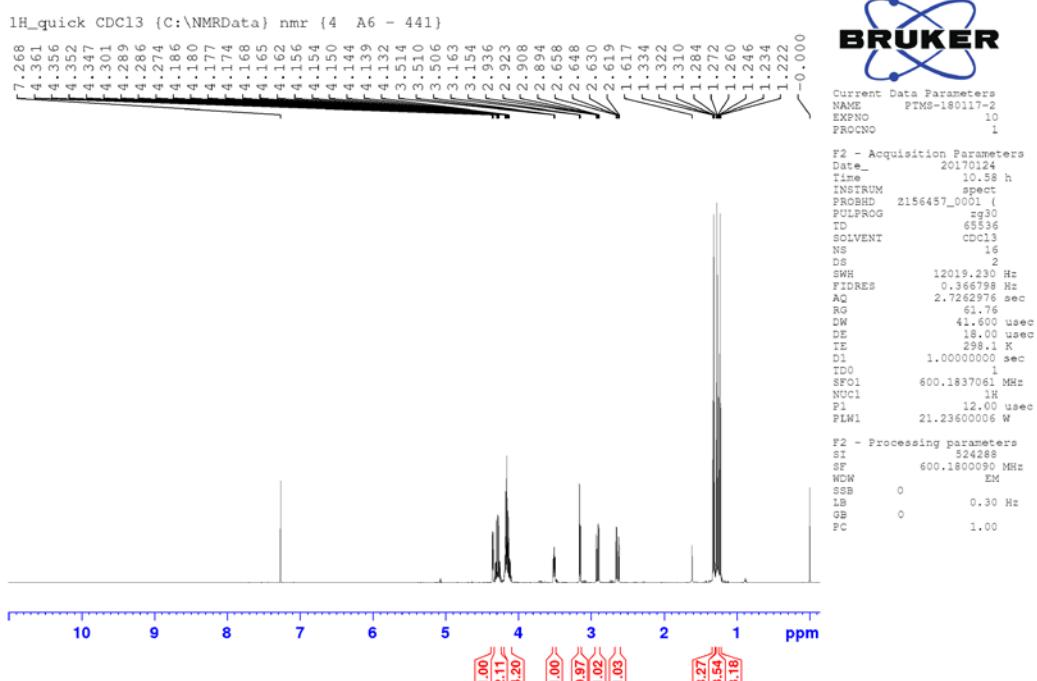
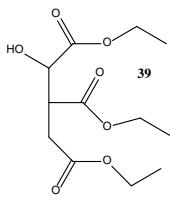
Petri A. Turhanen*, Jukka Leppänen and Jouko J. Vepsäläinen

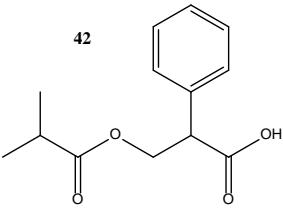
University of Eastern Finland, School of Pharmacy, Biocenter Kuopio, P.O. Box 1627, FIN-70211, Kuopio, Finland. E-mail: petri.turhanen@uef.fi

Table of Contents

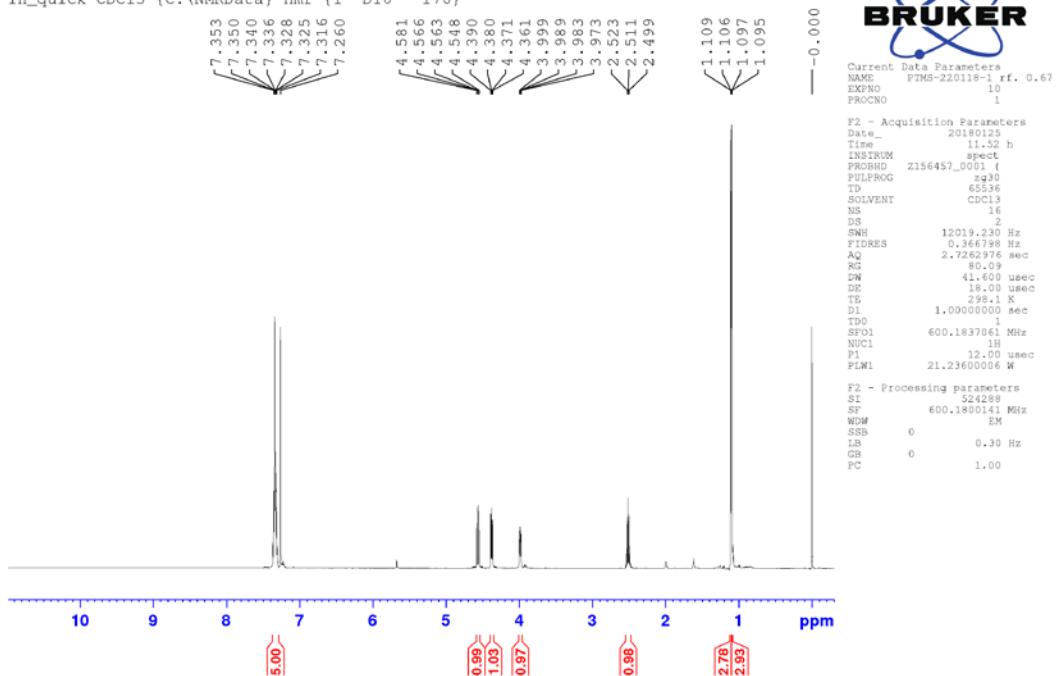
¹H and ¹³C NMR spectra of compound 23	S2
¹H and ¹³C NMR spectra of compound 39	S3
¹H and ¹³C NMR spectra of compound 42	S4
¹H and ¹³C NMR spectra of compound 47	S5
¹H NMR spectra of resin acids (50) separation	S6-7
¹H NMR spectra of other isolated compounds, starting from 22	S8



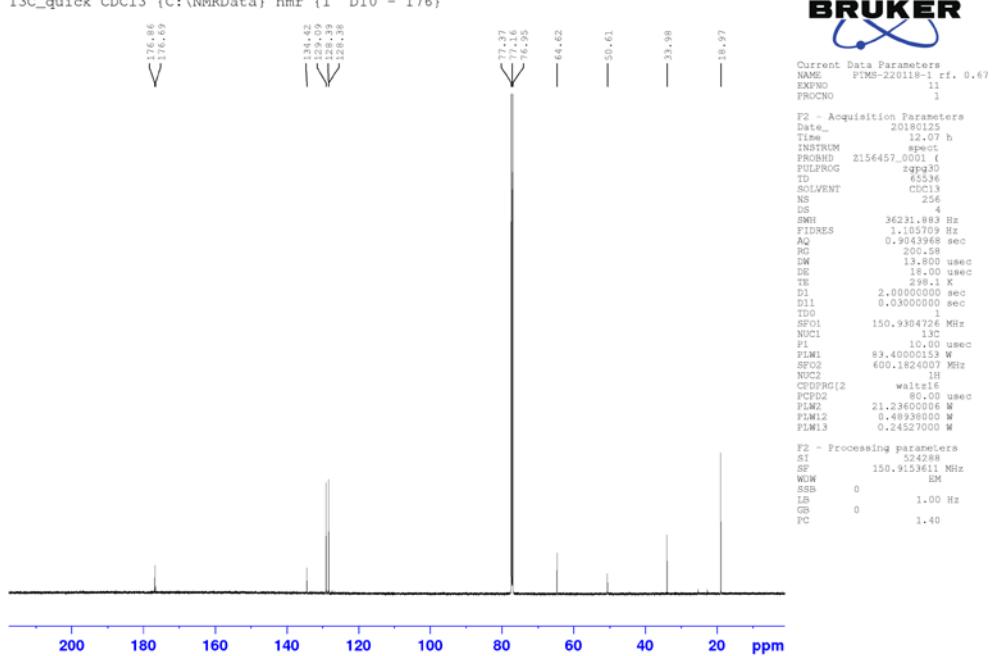




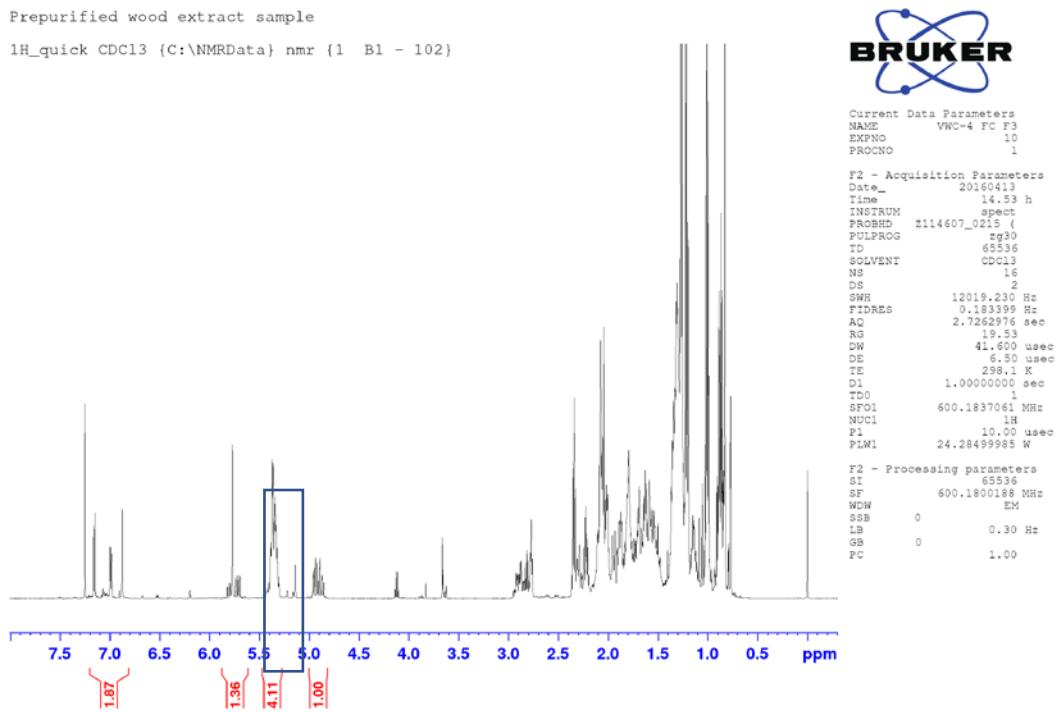
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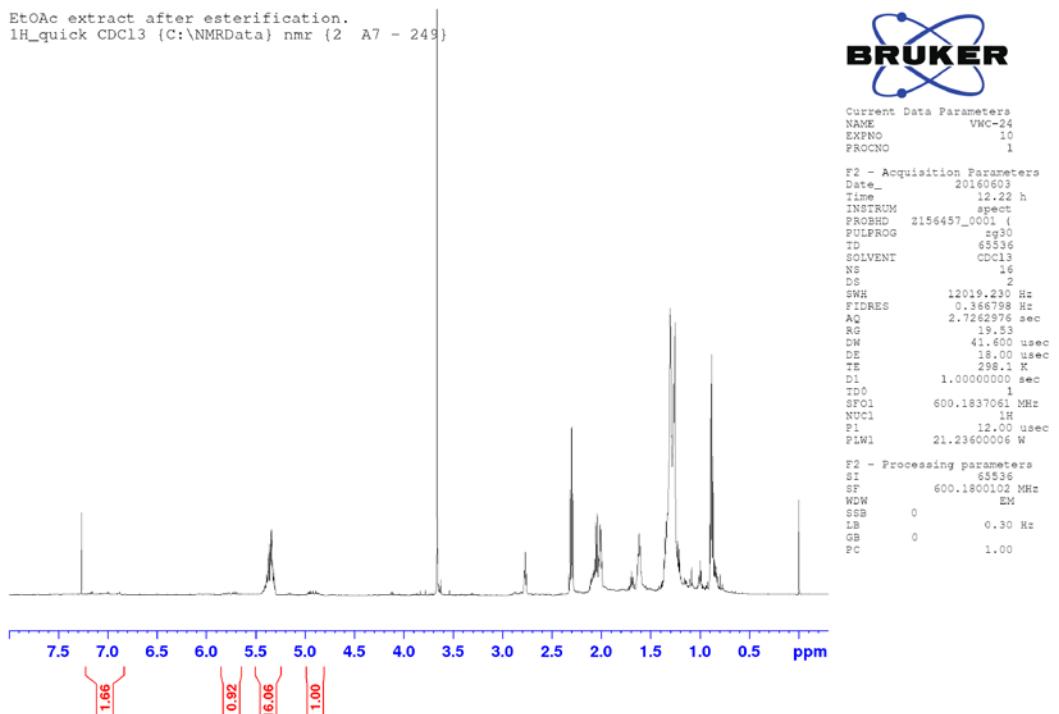
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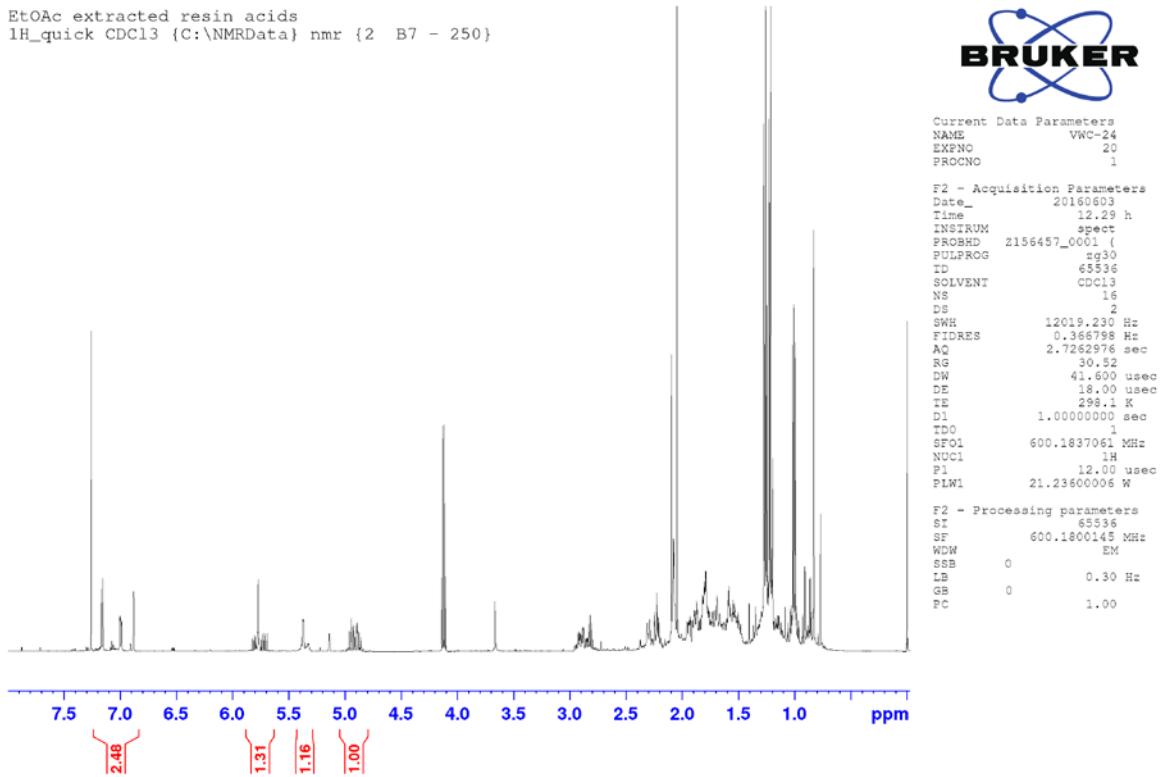
Prepurified wood extract sample containing resin acids and unsaturated fatty acids (signals in rectangle)

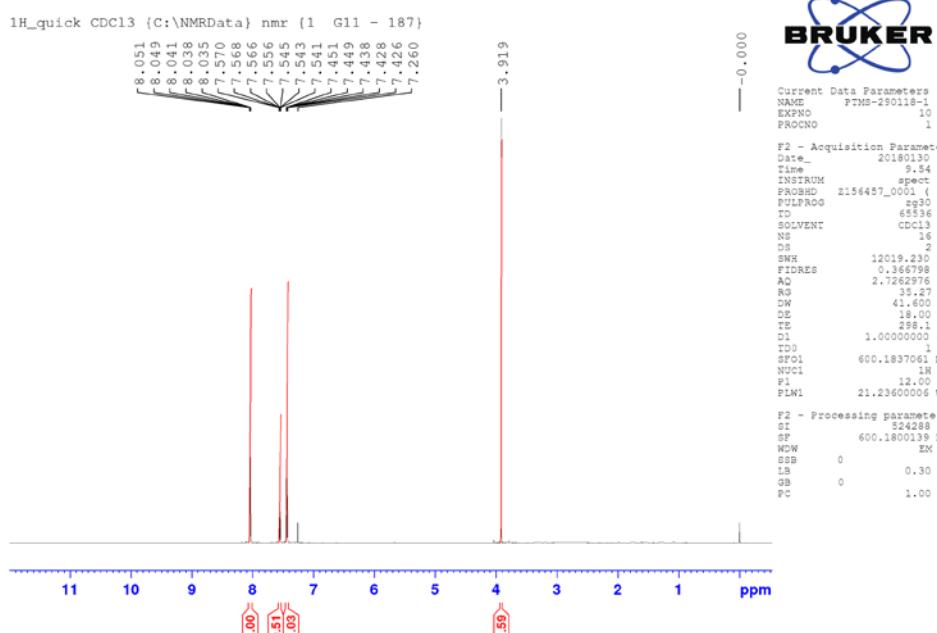
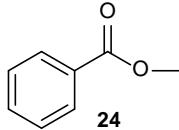
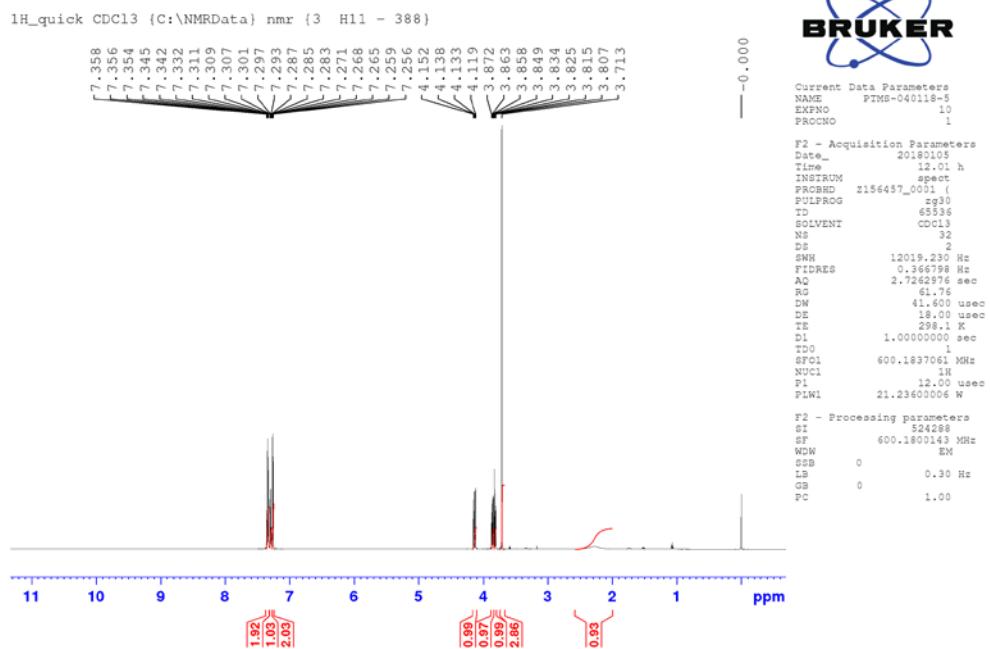
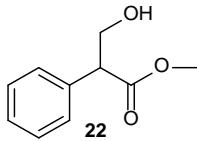


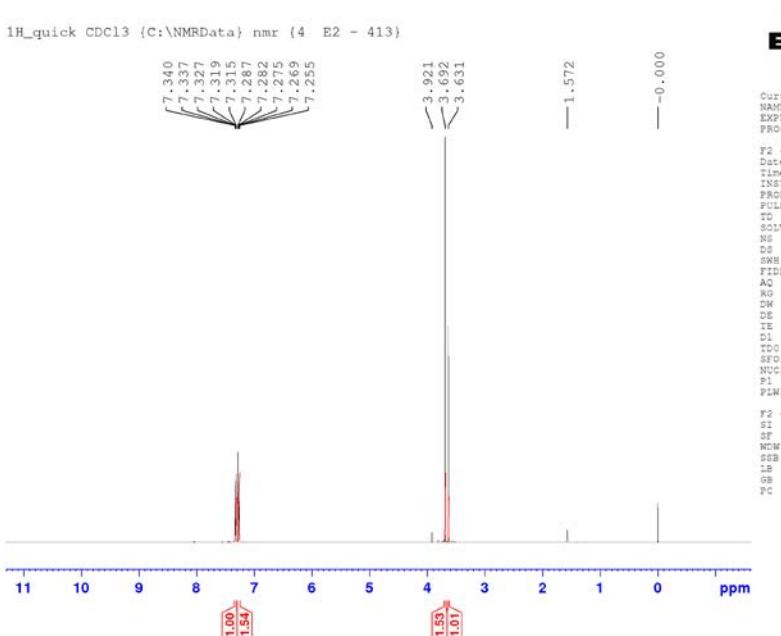
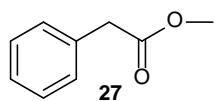
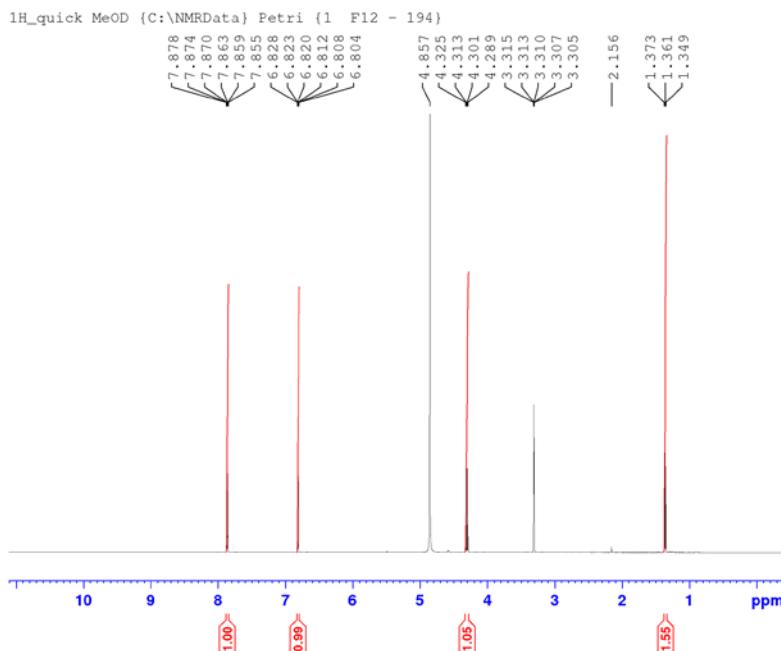
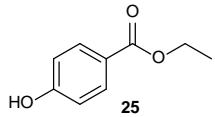
Ethyl acetate extract after esterification reaction, containing methyl esters of unsaturated fatty acids

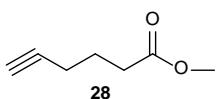


Extracted resin acids

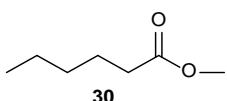
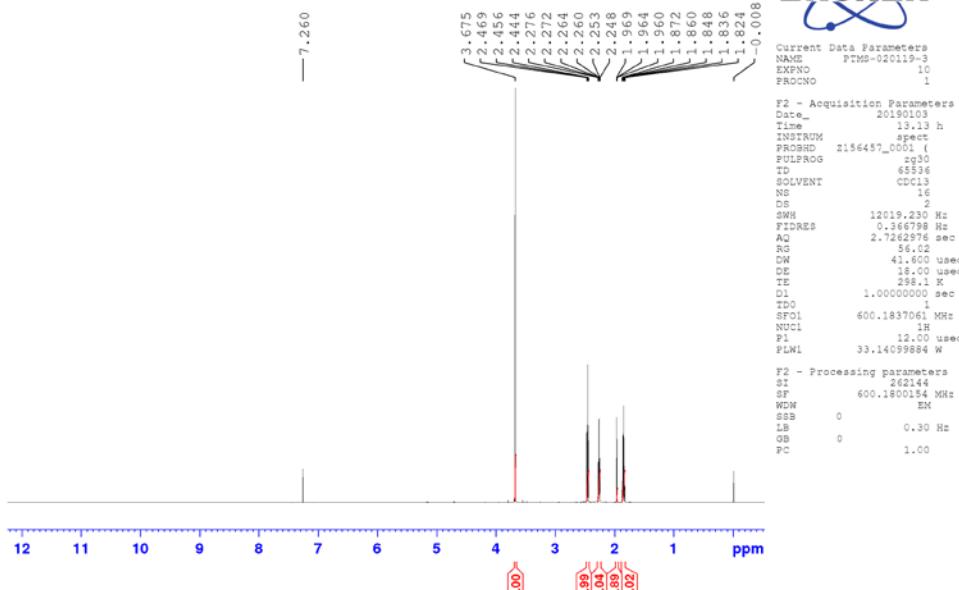








1H_quick CDCl₃ {C:\NMRData} Petri (3 A1 - 301)



1H_quick CDC13 [C:\NMRData] Petri {3 H1 - 308}

