

Online Resource 6: Representative chromatograms from mock, jasmonic-acid treated plants (JA), mock followed by *Diatraea saccharalis* damage (Mock + DS) and jasmonic-acid treated plants followed by *Diatraea saccharalis* damage (JA + DS). Numbers above peaks indicate the compound: 1) Phenylmethanol, 2) 2-Phenylethanol, 3) Methyl salicylate, 4) 1H-indole, 5) Nonyl acetate (internal standard), 6) Methyl anthralite, 7) Cyclosativene, 8) α-copaene, 9) β-elemene, 10) α-bergamotene, 11) β-caryophyllene, 12) trans-β-farnesene, 13) β-ionone, 14) Zingeberene, 15) β-bisabollene, 16) β-sesquiphellandrene and 17) Caryophyllene oxide