HPLC Separation of 2-Ethyl-5(6)-methylpyrazine and Its Electroantennogram and Alarm Activities on Fire Ant (*Solenopsis invicta* Buren)

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Supplementary Materials:

**Figure S1.** HPLC chromatogram of 2-methyl-3(5 or 6)-ethoxypyrazine. Mobile phase: hexane-isopropanol 99.5:0.5.
Figure S2. HPLC chromatograms of HPLC–purified EMPa (middle panel) and EMPb (bottom panel) in comparison with the mixture (top panel).
Figure S3. HPLC chromatograms of HPLC–purified EMPc (middle panel) and EMPd (bottom panel) in comparison with the mixture (top panel).
Figure S4. HSQC− and HMBC−2D NMR spectra of EMPa, 2-ethyl-6-methylpyrazine. 
A: HSQC; B: HMBC.
Figure S5. HSQC– and HMBC–2D NMR spectra of EMPb, 2-ethyl-5-methylpyrazine. A: HSQC; B: HMBC.