Increasing the Efficiency and Accuracy of Labile Cu Measurement in Wine with Screen-Printed Electrodes

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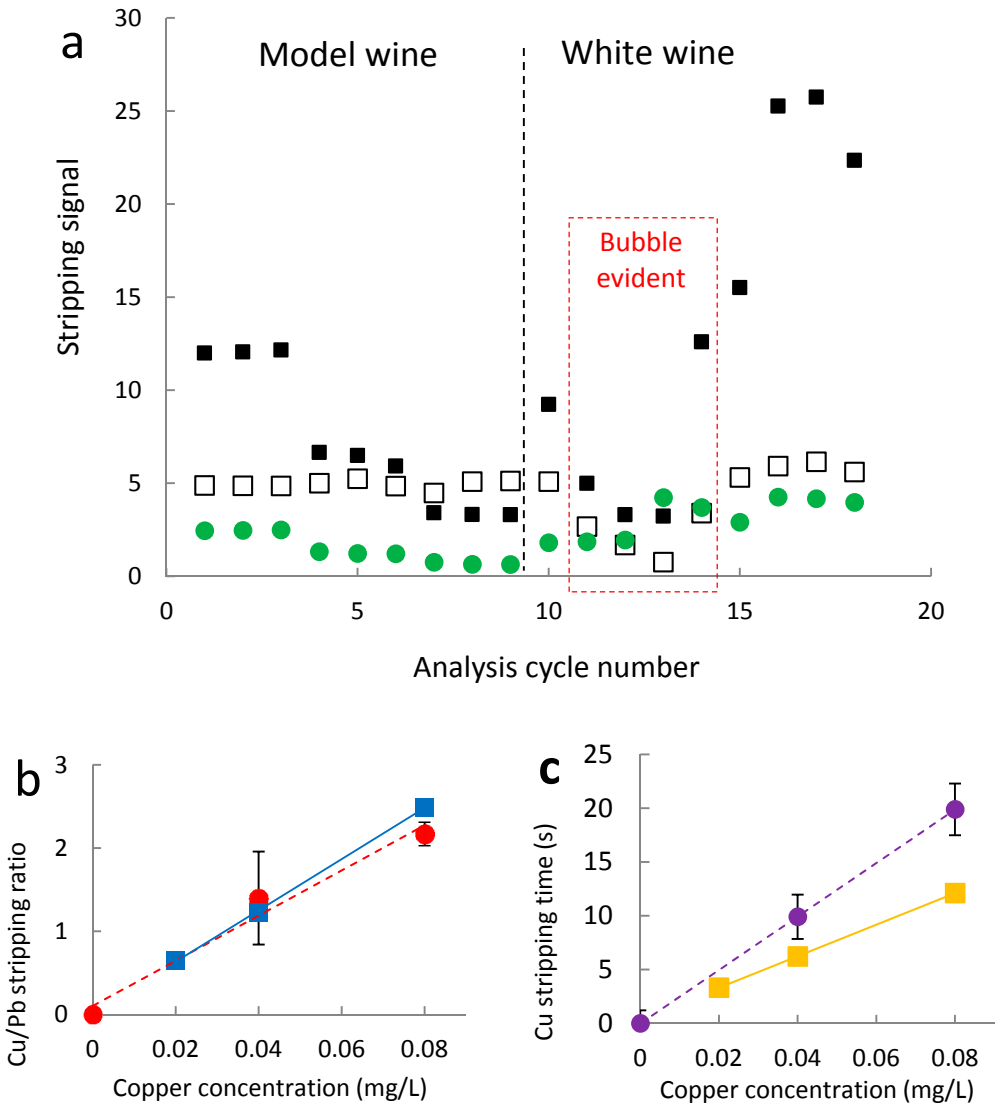

Supplementary Figure S1. The impact of a bubble in the electrode flow cell on peak areas, peak ratios and calibration graphs: (**a**) the peak areas for Cu (■) and Pb ( ), and the Cu/Pb stripping ratio (●); (**b**) the calibration graphs generated using Cu/Pb stripping ratios in white wine (●) and model wine (■); and (**c**) the calibration graphs generated using Cu stripping times in white wine (●) and model wine (■). For (**a**), the order of analysis is: determination (det.) 1-3, model wine + 0.080 mg/L Cu; det. 4-6, model wine + 0.04 mg/L Cu; det. 7-9, model wine + 0.020 mg/L Cu; det. 10-12, white wine + 0 mg/L Cu; det. 13-15, white wine + 0.040 mg/L Cu; and det. 16-18, white wine + 0.080 mg/L Cu. The bubble event occurred from analysis numbers 11 to 14.