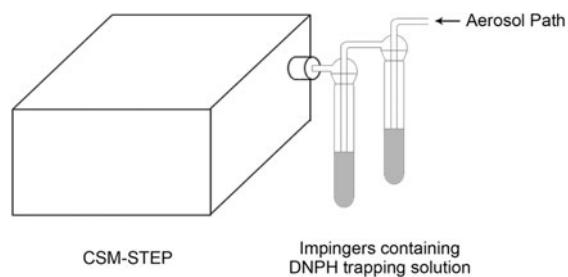
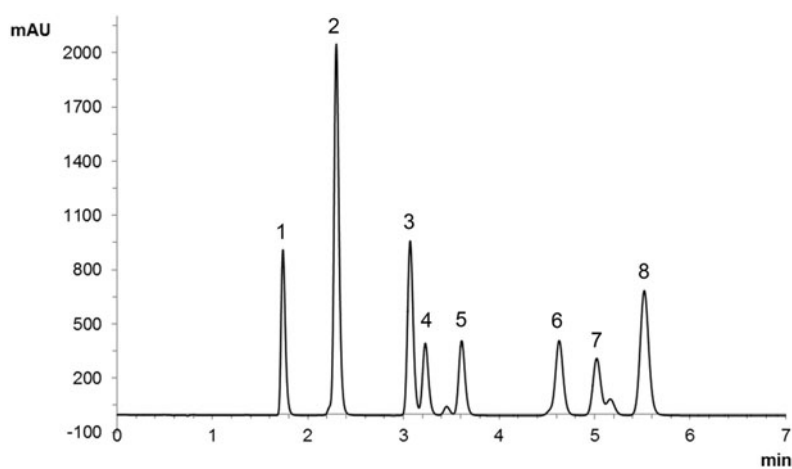


Supplementary Data



SUPPLEMENTARY FIG. S1. Schematic of carbonyl trapping apparatus. CSM, cigarette smoking machine; DNPH, 2,4-dinitrophenylhydrazine.



SUPPLEMENTARY FIG. S2. Sample chromatogram of a calibration standard. Formaldehyde-DNPH (1), acetaldehyde-DNPH (2), acetone-DNPH (3), acrolein-DNPH (4), propionaldehyde-DNPH (5), crotonaldehyde-DNPH (6), 2-butanone-DNPH (7), and butyraldehyde-DNPH (8).