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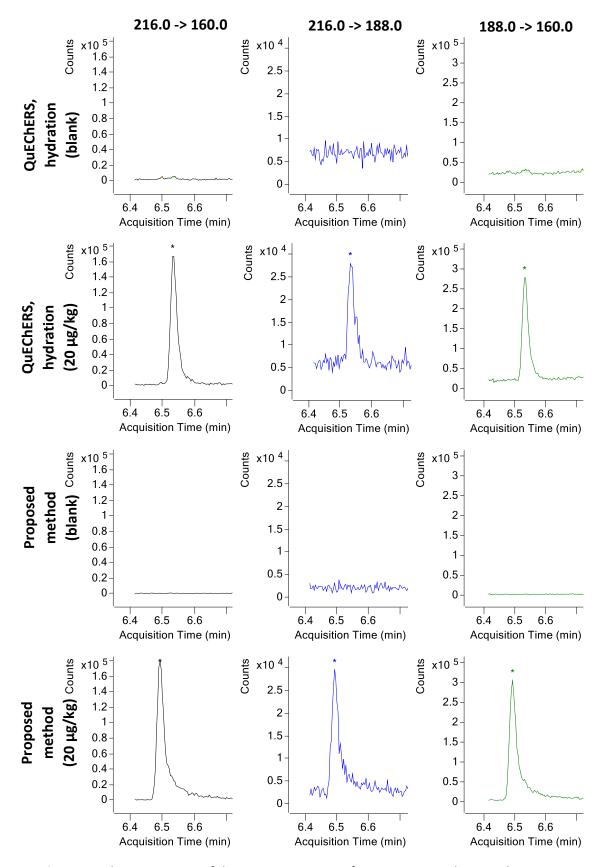


Figure S1. Chromatograms of the MRM transitions of AQ-D₈ in a QuEChERS Earl Grey tea extract with a hydration step (*first row, blank sample; second row, sample spiked with 20* μ *g*/*kg of AQ-D*₈) and the same sample extracted with the proposed manual method (*third row, blank sample; fourth row, sample spiked with 20* μ *g*/*kg of AQ-D*₈).

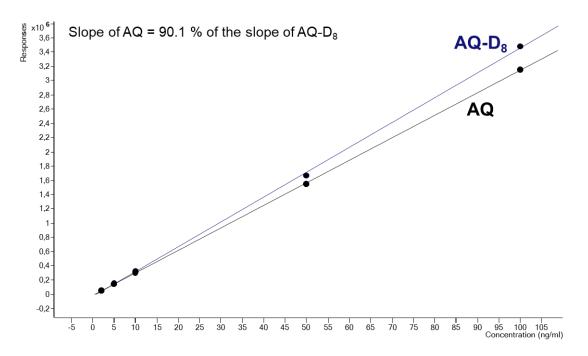


Figure S2. Comparison of AQ and AQ-D $_8$ calibration curves in tea M24 extract.