

SUPPLEMENTARY FILE

The role of extracting solvents in the recovery of polyphenols from green tea and its antiradical activity supported by Principal Component Analysis

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Table S1. Correlation between the content of phytochemical compounds and F-C method, DPPH and Trolox equivalent.

	C	EC	ECG	EGC	EGCG	GA	TOT
F-C	0.317***	0.576***	0.757***	0.794***	0.756***	0.009	0.873***
DPPH	0.093	0.243**	0.543***	0.603***	0.634***	-0.075	0.733***
Trolox	0.034	0.187*	0.547***	0.605***	0.655***	-0.097	0.741***

* $p \leq 0.05$, ** $p \leq 0.01$, *** $p \leq 0.001$

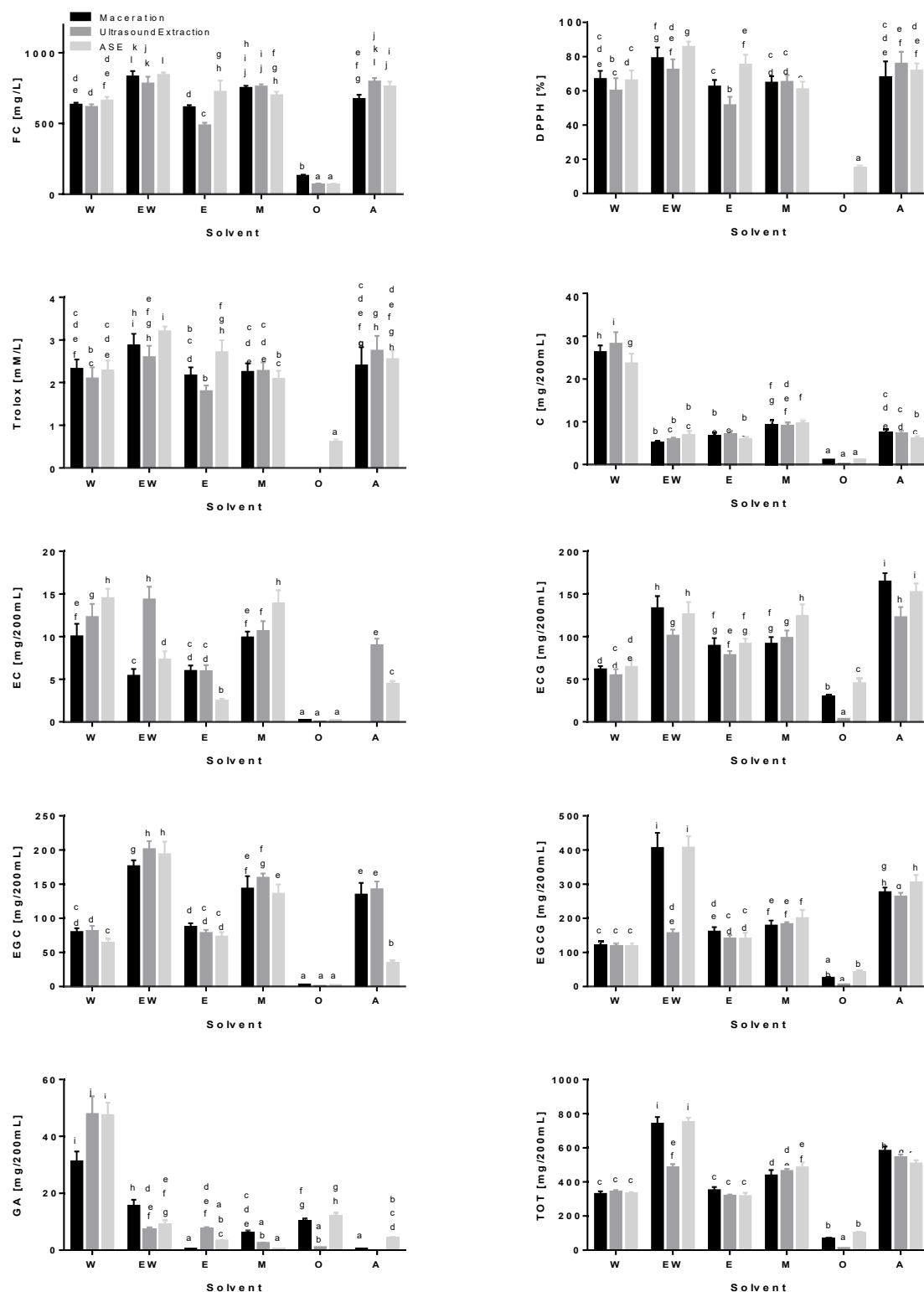


Figure S1. Graphs showing the content of phytochemical compounds (C, EC, ECG, EGC, EGCG, GA, TOT), F-C equivalent, DPPH and Trolox equivalent. Each value represents mean $\pm$ SD. Means not sharing the same letter are significantly different at $p \leq 0.05$.

Table S2. The MS/MS spectra of all compounds quantified in the obtained extract in the negative ionization mode, together with a sample total mass chromatogram.

