

Supplementary Materials:

Table S1. Compound-dependent LC-MS/MS parameters, declustering potential (DP), entrance potential (EP), collision energy (CE) and cell exit potential (CEP).

	Q1 mass	Q3 mass	DP	EP	CE	CEP
Caffeic acid	179.0	135.0	-35	-10	-21	-11
Ferulic acid quantifier	193.0	134.0	-52	-10	-21	-9
Ferulic acid qualifier	193.0	178.0	-52	-10	-17	-15
IS quantifier	184.0	139.8	-43	-10	-16	-10
IS qualifier	184.0	82.8	-43	-10	-22	-9

Table S2. Recovery percentile of caffeic and ferulic acid after sample pretreatment at three spiked concentrations: low (0.195 ng/mL), medium (1.56 ng/mL) and high (6.25 ng/mL) ($n = 5$).

	Recovery %		
	Low	Medium	High
Caffeic acid	69.2 ± 3.6	82.9 ± 2.1	74.6 ± 1.2
Ferulic acid	100.7 ± 1.9	92.4 ± 1.7	88.4 ± 1.0