

**Table S1.** Regression equation, linearity, LOD, and LOQ for five compounds ( $n = 3$ ).

Compound	Regression Equation <sup>a</sup>	Linear Range ( $\mu\text{g/mL}$ )	Linearity ( $R^2$ )	LOD <sup>b</sup> ( $\mu\text{g/mL}$ )	LOQ <sup>c</sup> ( $\mu\text{g/mL}$ )
Caffeic acid	$y = 24.632x + 2.4567$	2–10	0.9995	0.02	0.05
Ferulic acid	$y = 27.354x + 11.697$	10–50	0.9997	0.10	0.31
Isoferulic acid	$y = 26.817x + 34.38$	40–200	0.9997	0.36	1.08
Cimicifugic acid B	$y = 12.615x + 1.545$	10–50	0.9998	0.07	0.22
Cimicifugic acid F	$y = 11.459x + 6.525$	40–200	0.9997	0.30	0.89

<sup>a</sup> y, peak area of compound; x, concentration ( $\mu\text{g/mL}$ ) of compound. <sup>b</sup>LOD, limit of detection, S/N = 3. <sup>c</sup>LOQ, limit of quantification, S/N = 10.