

**Supplementary Materials**

Table S1. Chromatographic conditions of the used methods.

Method	Compounds of interest	Stationary phase	Mobile phase	Analysis	Flow (mL min <sup>-1</sup> )	Wavelength (nm)
A	cinnamic acids, flavonols	KINETEX—C18 column (4.6 × 150 mm, 5 µm)	A: 10 mM KH <sub>2</sub> PO <sub>4</sub> /H <sub>3</sub> PO <sub>4</sub> , pH = 2.8 B: CH <sub>3</sub> CN	gradient analysis: 5% B to 21% B in 17 min + 21% B in 3 min	1.5	330
B	benzoic acids, catechins, tannins	KINETEX—C18 column (4.6 × 150 mm, 5 µm)	A: H <sub>2</sub> O/CH <sub>3</sub> OH/HCOOH (5:95:0.1, <i>v/v/v</i> ), pH = 2.5 B: CH <sub>3</sub> OH/HCOOH (100:0.1, <i>v/v</i> )	gradient analysis: 3% B to 85% B in 22 min + 85% B in 1 min	0.6	280

Table S2. Chromatographic fingerprint of the analysed extracts (N = 3).

#	Cinnamic acids								Flavonols									
	caffeic acid		chlorogenic acid		coumaric acid		ferulic acid		hyperoside		isoquercitrin		quercetin		quercitrin		rutin	
	mean	SD	mean	SD	mean	SD	mean	SD	mean	SD	mean	SD	mean	S	mean	S	mean	S
	value		value		value		value		value		value		value	D	value	D	value	D
	(mg/100 gDW)		(mg/100 gDW)	(mg/100 gDW)	(mg/100 gDW)	(mg/100 gDW)	(mg/100 gDW)	(mg/100 gDW)	(mg/100 gDW)	(mg/100 gDW)	(mg/100 gDW)	(mg/100 gDW)	(mg/100 gDW)	(mg/100 gDW)	(mg/100 gDW)	(mg/100 gDW)	(mg/100 gDW)	(mg/100 gDW)
1	n.d.	/	22.66	1.35	n.d.	/	115.14	3.34	n.d.	/	38.28	1.27	n.d.	/	n.d.	/	n.d.	/
2	n.d.	/	21.11	2.72	n.d.	/	80.66	4.02	n.d.	/	44.73	1.67	n.d.	/	n.d.	/	n.d.	/
3	n.d.	/	21.25	1.08	n.d.	/	116.34	3.54	n.d.	/	42.41	2.05	n.d.	/	n.d.	/	n.d.	/
4	n.d.	/	17.40	1.57	n.d.	/	112.32	2.47	n.d.	/	52.09	1.80	n.d.	/	n.d.	/	n.d.	/
5	n.d.	/	18.08	1.81	n.d.	/	111.41	3.20	n.d.	/	67.00	1.75	n.d.	/	n.d.	/	n.d.	/
6	n.d.	/	18.76	1.62	n.d.	/	117.73	4.34	n.d.	/	60.47	1.72	n.d.	/	n.d.	/	n.d.	/
7	n.d.	/	13.02	1.71	n.d.	/	90.57	3.37	n.d.	/	41.42	2.17	n.d.	/	n.d.	/	n.d.	/
8	n.d.	/	15.15	2.48	n.d.	/	96.52	3.50	n.d.	/	57.09	3.13	n.d.	/	n.d.	/	n.d.	/
9	n.d.	/	13.68	2.29	n.d.	/	101.76	3.04	n.d.	/	51.94	2.35	n.d.	/	n.d.	/	n.d.	/
10	n.d.	/	19.95	1.85	n.d.	/	111.34	1.68	n.d.	/	50.25	4.64	n.d.	/	n.d.	/	n.d.	/

Benzoic acids				Catechins				Tannins			
ellagic acid		gallic acid		catechin		epicatechin		castalagin		vescalagin	
mean		mean		mean		mean		mean		mean	
value	SD	value	SD	value	SD	value	SD	value	SD	value	SD

#	(mg/100 gDW)		(mg/100 gDW)		(mg/100 gDW)		(mg/100 gDW)		(mg/100 gDW)		(mg/100 gDW)	
1	10.85	0.9	7	0.2	16.82	2.1	0	4.4	18.61	1.6	73.99	4.8
2	21.10	1.0	3	0.1	23.11	1.2	2	2.3	61.57	1.1	68.98	1.8
3	27.62	1.1	0	0.2	30.07	1.9	6	4.4	33.28	2.4	48.72	3.9
4	24.55	1.4	9	0.1	32.00	2.2	1	3.7	21.01	3.9	64.95	4.0
5	11.55	0.9	2	0.3	41.45	1.6	4	3.7	77.61	2.0	62.39	4.4
6	12.45	0.9	0	0.2	31.69	2.1	0	2.3	80.88	2.8	56.21	4.6
7	9.44	1.2	4	0.0	46.44	3.1	7	2.3	47.10	4.0	39.33	2.9
8	11.48	1.1	4	0.1	31.90	1.8	8	2.6	56.45	4.8	54.88	2.1
9	11.23	1.0	9	0.1	41.79	4.5	5	2.0	55.68	1.7	74.83	3.7
1	14.77	0.4	1	0.1	40.35	2.6	2	1.3	62.78	1.8	66.78	3.1
0												

SD = standard deviation; DW = dried weight.

Figure S1: The results of the PCA performed on the set of variables.

