

Table S1. The MS data, parameters of calibration curve, and LOD and LOQ of the analyzed phenolic acids and flavonoids.

No	Compounds	R _t (min)	[M]- (m/z)	λ _{max} (nm)	a	R ²	LOD (μg/g)	LOQ (μg/g)
Phenolic Acids								
1	<i>p</i> -Coumaric acid	2.27	163	309	3E-8	0.999	0.019	0.057
2	<i>m</i> -Hydroxybenzoic acid	2.69	137	255	2E-7	0.998	0.013	0.039
3	Caffeic acid	4.56	179	323	1E-8	0.999	0.025	0.076
4	<i>p</i> -Hydroxybenzoic acid	4.73	137	255	2E-7	0.999	0.011	0.033
5	Ferulic acid	5.04	193	322	3E-8	1.000	0.012	0.036
6	Benzoic acid	5.18	121	228/272	1E-7	0.999	0.015	0.046
Flavonoids								
7	Myricetin-3-O-rutinoside*	4.42	625	357				
8	Quercetin-O-hexosyl-O-hexoside*	4.53	625	350				
9	Epicatechin	4.58	289	319	6E-8	0.998	0.025	0.076
10	Quercetin-3-O-vicianoside*	4.61	595	351				
11	Kaempferol-3-O-rutinoside#	4.80	593	351				
12	Quercetin-O-pentosylhexoside*	4.81	595	354				
13	Quercetin-3-O-glucoside*	4.82	463	356				
14	Isorhamnetin-3-O-rutinoside*	4.82	623	349				
15	Quercetin-dihexoside*	4.83	625	352				
16	Isorhamnetin-3-O-glucoside*	4.97	477	355				
17	Myricetin-3-O-glucoside*	5.00	479	354				
18	Quercetin	5.73	301	255, 355	1E-8	1.000	0.022	0.066
19	Apigenin	5.99	269	267, 336	1E-8	0.999	0.010	0.030
20	Naringenin	5.97	271	288	3E-8	0.999	0.015	0.045
21	Kaempferol	6.12	285	319	3E-8	0.998	0.013	0.040

Abbreviations: R_t – retention time; [M]- (m/z) – parent ion; a – calibration slope; R² – coefficient of determination; LOD – limit of detection; LOQ – limit of quantification; * – analytical parameters for quercetin were used; # – analytical parameters for kaempferol were used.