

Supplementary material and data

Table S1: Validation parameters: retention time, retention time CV, detection wavelengths, calibration curve equation, coefficient of determination

Phenolic compound	Retention time (min)	Retention time (CV %)	DAD λ /nm	FLD λ_{ex} /nm; FLD λ_{em} /nm	Calibration curve	Coefficient of determination (R^2)
Anthocyanins						
Delphinidin-3-O-glucoside	6.0	0.30	518 nm	-	$y=114.0x-11.76$	$R^2 = 0.9994$
Cyanidin-3-O-glucoside	7.8	0.22	518 nm	-	$y=217.7x-4.617$	$R^2 = 1.0000$
Petunidin-3-O-glucoside	9.1	0.20	518 nm	-	$y=185.6x-12.97$	$R^2 = 0.9997$
Peonidin-3-O-glucoside	11.2	0.15	518 nm	-	$y=177.4x-1.9$	$R^2 = 1.0000$
Peonidin-3-O-acetylglucoside	19.1	0.12	518 nm	-	$y=177.4x-1.9$	$R^2 = 1.0000$
Peonidin-3-O-cumarylglucoside	23.9	0.03	518 nm	-	$y=177.4x-1.9$	$R^2 = 1.0000$
Malvidin-3-O-glucoside	12.3	0.07	518 nm	-	$y=100.7x-39.5$	$R^2 = 0.9998$
Malvidin-3-O-acetylglucoside	19.8	0.03	518 nm	-	$y=100.7x-39.5$	$R^2 = 0.9998$
Malvidin-3-O-cumarylglucoside	24.6	0.03	518 nm	-	$y=100.7x-39.5$	$R^2 = 0.9998$
Phenolic acids						
Gallic acid	13.3	0.06	280 nm	-	$y=83.188x-0.4382$	$R^2 = 1.0000$
Protocatechuic acid	18.4	0.04	280 nm	-	$y=49.951x-0.0523$	$R^2 = 1.0000$
<i>p</i> -Hydroxybenzoic acid	23.7	0.10	280 nm	-	$y=52.536x-0.4104$	$R^2 = 0.9999$
Syringic acid	28.2	0.05	280 nm	-	$y=93.831x-0.0272$	$R^2 = 1.0000$
<i>cis</i> -Caftaric acid	19.9	0.04	330 nm	-	$y=107.15x-3.9651$	$R^2 = 1.0000$
<i>trans</i> -Caftaric acid	21.1	0.06	330 nm	-	$y=107.15x-3.9651$	$R^2 = 1.0000$
Caffeic acid	27.3	0.07	330 nm	-	$y=168.83x-1.3451$	$R^2 = 0.9999$
<i>p</i> -Coumaric acid	37.7	0.06	330 nm	-	$y=120.83x-2.03$	$R^2 = 0.9999$
Ferulic acid	40.5	0.04	330 nm	-	$y=194.39x-2.5029$	$R^2 = 0.9999$
Flavonols						
Quercetin 3-glucoside + Quercetin 3-glucuronide	40.8	0.04	360 nm	-	$y=77.01x+2.209$	$R^2 = 0.9990$
Myricetin	49.1	0.03	360 nm	-	$y=35.23x-0.253$	$R^2 = 1.0000$
Quercetin	49.8	0.01	360 nm	-	$y=54.06x+8.963$	$R^2 = 0.9999$
Flavan-3-ols						
Procyanidin B1	24.3	0.38	-	280 nm; 320 nm	$y=14.02x-4.015$	$R^2 = 0.9999$
Procyanidin B3	25.0	0.15	-	280 nm; 320 nm	$y=12.82x-4.646$	$R^2 = 1.0000$
(+)-Catechin	26.7	0.05	-	280 nm; 320 nm	$y=27.39x+2.201$	$R^2 = 0.9999$
Procyanidin B2	29.6	0.02	-	280 nm; 320 nm	$y=14.32x+3.960$	$R^2 = 1.0000$
(-)-Epicatechin	31.1	0.03	-	280 nm; 320 nm	$y=24.55x+3.960$	$R^2 = 0.9998$
Procyanidin C1	32.5	0.03	-	280 nm; 320 nm	$y=12.81x-2.102$	$R^2 = 1.0000$
Stilbenes						
<i>trans</i> -Piceid	15.8	0.24	306 nm	-	$y=26.58x-2.905$	$R^2 = 0.99997$
Piceatannol	17.0	0.29	306 nm	-	$y=34.39x-1.220$	$R^2 = 0.99997$
Resveratrol	20.5	0.12	306 nm	-	$y=49.65x-1.15$	$R^2 = 0.99999$
<i>cis</i> -Piceid	20.9	0.09	306 nm	-	$y=49.65x-1.15$	$R^2 = 0.99999$