

Supplementary material

Table S1. Retention time and MS/MS transitions for the identified polyphenols in the aqueous chips extracts.

Polyphenols ^a	CAS	Retention time (min)	MS/MS transitions (Collision energy, eV) ^b
Gallic acid	149-91-7	2.03	<u>169.02</u> → 125.04 (17) 169.02 → 153.1 (15)
Protocatechuic acid	99-50-3	3.30	<u>152.98</u> → 109.04 (17) 152.98 → 91.04 (28) 152.98 → 108.03 (26)
2,4,6-trihydroxybenzoic acid	487-70-7	3.34	<u>168.98</u> → 150.99 (17) 168.98 → 83.02 (23) 168.98 → 107.02 (22)
Procyanidine B1	20315-25-7	4.33	<u>577.03</u> → 407.07 (26) 577.03 → 288.93 (25) 577.03 → 424.97 (26)
Procyanidine B2	29106-49-8	5.18	<u>577.03</u> → 407.07 (26) 577.03 → 288.93 (25) 577.03 → 424.97 (26)
3,4-dihydroxybenzaldehyde	139-85-5	4.47	<u>137.07</u> → 136.11 (21) 137.07 → 91.09 (24) 137.07 → 92.13 (25)
Catechin	225937-10-0	4.55	<u>289.00</u> → 245.02 (17) 289.00 → 203.11 (22)
Epicatechin	490-46-0	5.72	289.00 → 245.02 (17) 289.00 → 203.11 (22)
Caffeic acid	331-39-5	5.52	<u>178.98</u> → 135.03 (19) 178.98 → 134.01 (28)
4-hydroxybenzaldehyde	123-08-0	5.64	<u>122.97</u> → 95.04 (13) 122.97 → 51.1 (36) 122.97 → 77.96 (20)
Procyanidine A2	41743-41-3	6.95	<u>577.09</u> → 287.02 (32) 577.09 → 136.99 (62)
Orientin	28608-75-5	7.69	<u>577.09</u> → 425.08 (13) 447.16 → 327.14 (23) 447.16 → 357.16 (22)
Apigenin	520-36-5	12.42	<u>269.09</u> → 117.12 (37) 269.09 → 149.12 (26) 269.09 → 151.062 (26)

^a All polyphenols standards were supplied by Sigma-Aldrich. ^b Underlined values: Quantification MS/MS transitions