

Table S1. Retention times and mass to charge ratios of phenolic standards

Phenolic Compounds	Molecular Formula	Retention (mins)	m/z (actual)	m/z (theoretical)	Error (ppm)
Gallic	C₇H₆O₅	0.826	169.0129	169.0143	-8.2833
Gallocatechin	C₁₅H₁₄O₇	0.967	305.0442	305.0667	-73.7544
Epigallocatechin	C₁₅H₁₄O₇	1.377	305.0398	305.0667	-88.1774
Isotopic Catechin	C₁₅H₁₄O₆	1.515	292.0903	292.0818	29.1014
Catechin	C₁₅H₁₄O₆	1.525	289.0435	289.0718	-101.3589
Caffeic	C₉H₈O₄	1.814	179.0337	179.0350	-7.2612
Procyanidin B2	C₃₀H₂₆O₁₂	1.899	577.1368	577.1352	2.7723
Epicatechin	C₁₅H₁₄O₆	1.997	289.0723	289.0718	-97.7681
Gallocatechin gallate	C₂₂H₁₈O₁₁	2.109	457.0801	457.0776	12.033
p-Coumaric	C₉H₈O₃	2.345	163.0376	163.0401	-15.3337
Catechin gallate	C₂₂H₁₈O₁₀	2.505	441.0846	441.0827	4.3078
Ferrulic	C₁₀H₁₀O₄	2.704	193.0438	193.0501	-32.6340
Ellagic	C₁₄H₆O₈	2.779	301.0019	300.9990	9.6346
Myricetin	C₁₅H₁₀O₈	2.938	317.0272	317.0303	-9.7783
Resveratrol	C₁₄H₁₂O₃	2.923	227.0418	227.0714	-119.3457
Quercetin	C₁₅H₁₀O₇	3.309	301.0297	301.0348	-16.9416
Kaempferol	C₁₅H₁₀O₆	3.578	285.0369	285.0405	-12.6298