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Table S1. MS/MS standard optimization parameters

Standard	Polarity	Precursor (*m/z*)	Frag-mentor/ V	Product ions (*m/z*)	CE/V	t_R/min	a	b	R^2	Linearity range/ (μg/mL)	LOD/ (μg/mL)	LOQ/ (μg/mL)
2,5-DHBA	–	152.8	100	107.8*	20	5.20	26643.4743	–13.9153	0.9969	0.01–2.5	0.0017	0.0052
				52.9	20							
3,4-DHBA	–	152.8	90	108.8	10	4.24	28778.8402	2.1451	0.9954	0.01–2.5	0.0002	0.0007
				90.6	26							
				80.8	20							
Apigenin	–	268.7	160	224.5	20	10.72	4448.7078	5.0376	0.9974	0.01–1.0	0.0037	0.0113
				148.5	24							
				116.6	38							
Caffeic acid	–	178.8	80	137.7	12	5.79	187.5139	5.7729	0.9929	0.01–1.0	0.1016	0.3079
				106.4	24							
Chrysin	–	252.7	180	142.7	26	11.44	2319.0652	30.9715	0.9983	0.01–1.0	0.0441	0.1336
				118.6	30							
				106.5	24							
Kaempferol	–	284.7	190	238.5	28	10.86	1125.8622	7.0511	0.9951	0.01–1.0	0.0207	0.0626
				184.4	28							
				170.5	28							
Luteolin	–	284.7	200	242.8	20	9.45	30263.2753	68.3527	0.9962	0.01–1.0	0.0075	0.0226
				198.8	24							
				150.7	24							
				132.7	36							
Myricetin	–	316.7	160	270.7	26	8.19	6673.6056	727.8511	0.9927	0.01–2.5	0.3599	1.0906
				150.7	24							
Naringenin	–	270.8	120	150.6	14	10.60	24343.7076	428.4255	0.9903	0.01–0.5	0.0581	0.1760
				118.8	26							
p-coumaric acid	–	162.9	90	118.8	10	6.67	32493.0182	40.2011	0.9972	0.01–2.5	0.0041	0.0124
				92.6	34							
				65.7	44							
*p*HBA	–	136.8	80	92.7	12	5.18	6304.6523	9.7256	0.9922	0.01–1.0	0.0051	0.0154
Quercetin	–	300.8	170	178.5	14	9.50	7330.6106	–28.6147	0.9959	0.01–1.0	0.0129	0.0390
				150.6	20							

*Quantifier ions are underlined. DHBA=dihydroxybenzoic acid, *p*HBA=4-hydroxybenzoic acid, CE=collision energy, t_R=retention time, a=slope and b=intercept (y=ax+b), LOD=limit of detection, LOQ=limit of quantification