

**Table 1.** Analytical parameters of the LC-MS method used in the current study

Compound	Rt (min)	Calibration curves	r <sup>2</sup>	LOD (µg L <sup>-1</sup> )	LOQ (µg L <sup>-1</sup> )	Lineal range (mg L <sup>-1</sup> )	Repeatability (% CV)		Trueness (%) <sup>c</sup>	Matrix effect coefficient (%) <sup>d</sup>
							Intra-day <sup>a</sup>	Inter-day <sup>b</sup>		
Pantothenic acid	5.6	y = 60676x - 7837.9	0.9861	70.8	235.8	LOQ - 15	4.36	5.83	97.7	-9.51
Epicatechin	8.8	y = 72604x + 52307	0.9934	18.8	62.5	LOQ - 25 25 - 100	7.26	8.29	113.0	1.39
		y = 30547x + 106	0.9999							-0.04
<i>p</i> -coumaric acid	10.4	y = 25947x + 21083	0.9930	29.4	98.0	LOQ - 25 25 - 200	5.47	7.63	101.6	4.63
		y = 11175x + 447923	0.9899							-5.23
Ferulic acid	11.0	y = 25380x + 30965	0.9924	27.0	89.9	LOQ - 25	2.01	6.27	109.6	3.64
Abscisic acid	13.6	y = 91308x + 98537	0.9980	21.9	73.1	LOQ - 25	3.66	4.40	98.1	-0.28

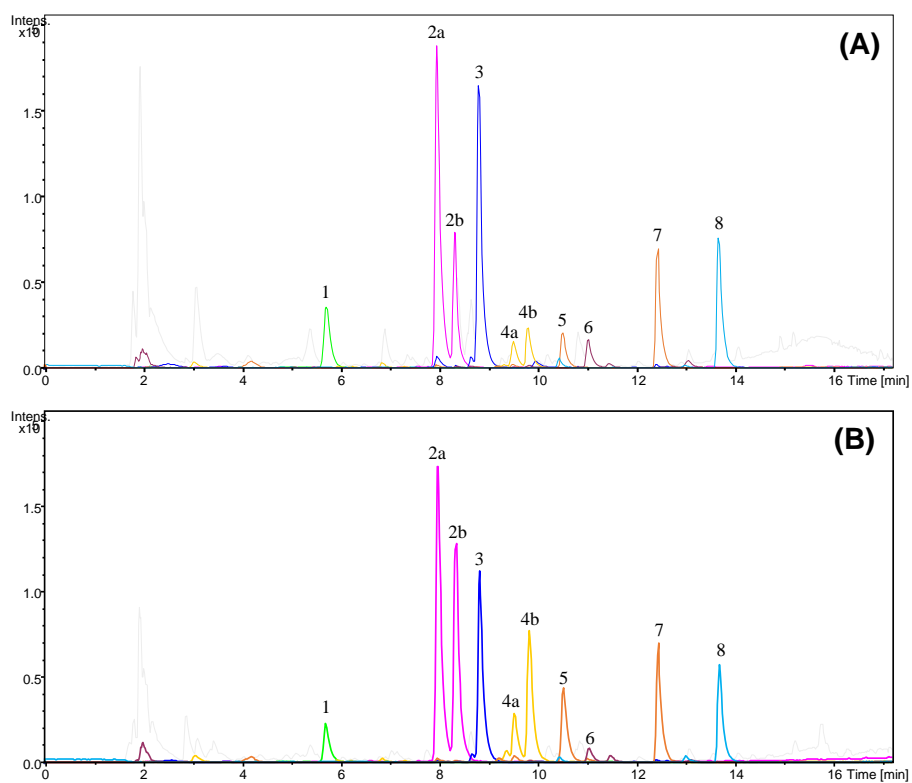
Abbreviations used: Rt (Retention time); LOD (Limit of detection); LOQ (Limit of quantification).

<sup>a</sup>: coefficient of variation (%) corresponding to injections (n = 7) of the QC sample performed in the same sequence.

<sup>b</sup>: coefficient of variation (%) corresponding to injections (n = 14) of the QC sample carried out in sequences completed on different days.

<sup>c</sup>: Trueness was measured by calculating the recovery (%), and it was estimated by analyzing samples before and after the addition of known concentrations of pure standards and calculating the difference between the obtained results. The values included in this table are those obtained for an intermediate concentration level of all those tested.

<sup>d</sup>: Matrix effect coefficient (%) = (1 - (slope of the standard addition calibration line / slope of the calibration line with external standards)) · 100.



**Figure 1** Profiles obtained for extracts of avocado samples at ready-to-eat stage after 30 days on (A) refrigerated storage and (B) prolonged on-tree maturation. Peaks identification: 1, pantothenic acid; 2, coumaric acid hexose I (2a) and II (2b); 3, epicatechin; 4, coumaric acid malonyl-hexose isomer I (4a) and II (4b); 5, *p*-coumaric acid; 6, ferulic acid; 7, *o*-coumaric acid (internal standard); 8, abscisic acid.