



**Figure 1.** Chromatographic representation of *Mentha aquatica* (a), *Lavandula dentata* (b) (both at 280 nm) and *Leonurus cardiaca* (c) (at 340 nm) ethanolic extracts. Numbers in the figure correspond to the UHPLC-DAD-ESI-MS<sup>n</sup> peaks described in Table 2.

**Table 1.** Linearity, LOD and LOQ of standard compounds used as references.

Standard Compound	Range concentration (µg/mL)	n <sup>a</sup>	Slope <sup>b</sup> (area counts/mg)	Intercept <sup>b</sup> (area counts /mg)	R <sup>2</sup>	LOD (µg/mL)	LOQ (µg/mL)
E-7O-G	10 - 136	5	1106(±10) × 10 <sup>4</sup>	34(±8) × 10 <sup>3</sup>	0.9995	5.6	16.9
N-7O-G	5 - 68	5	136(±1) × 10 <sup>5</sup>	2(±4) × 10 <sup>3</sup>	0.9991	2.7	8.1
L-7O-G	45 - 473	5	385(±10) × 10 <sup>4</sup>	7(±2) × 10 <sup>4</sup>	0.9945	40.6	123.2
RA	15 - 173	5	143(±1) × 10 <sup>5</sup>	-10(±1) × 10 <sup>4</sup>	0.9992	6.4	19.3
Verb	44 - 700	5	166(±2) × 10 <sup>4</sup>	6(±7) × 10 <sup>3</sup>	0.9985	31.9	96.7
Q-7O-R	12-200	5	48(±1) × 10 <sup>5</sup>	-3(±8) × 10 <sup>3</sup>	0.9981	14.4	43.6

E-7O-G, eriodictyol-7-*O*-glucoside; N-7O-G, naringenin-7-*O*-glucoside; L-7O-G, luteolin-7-*O*-glucoside; RA, rosmarinic acid; Verb, verbascoside; Q-7O-R, quercetin -7-*O*-rutinoside

<sup>a</sup> Number of points used for the regression of standard solutions. Injections were done in triplicate.

<sup>b</sup> The standard deviation in the slope and intercept of the regression line is shown in parenthesis