

Supplementary data for the article:

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A comparative exploration of the phytochemical profiles and bio-pharmaceutical potential of *Helichrysum stoechas* subsp. *barrelieri* extracts obtained via five extraction techniques

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Table S1Regression equations, R^2 , LOD, and LOQ determined using LC-MS analysis.

Compounds	Regression equation ($Y = A + BX$)		R^2	LOD, mg/L	LOQ, mg/L
	($A \pm SE$) $\times 10^5$	($B \pm SE$) $\times 10^5$			
Protocatechuic acid	5.17 \pm 2.41	248.39 \pm 5.60	0.9949	0.07	0.24
5-O-Caffeoyl-quinic acid	- 10.00 \pm 1.96	166.41 \pm 2.37	0.9980	0.09	0.31
<i>p</i>-Hydroxybenzoic acid	0.66 \pm 0.51	26.16 \pm 0.71	0.9949	0.13	0.42
Gentisic acid	- 5.55 \pm 2.07	118.87 \pm 3.11	0.9925	0.13	0.43
Aesculetin	- 2.11 \pm 1.36	113.86 \pm 2.61	0.9937	0.09	0.30
<i>p</i>-Hydroxyphenylacetic acid	- 0.55 \pm 0.08	3.25 \pm 0.10	0.9974	0.11	0.35
Caffeic acid	- 14.85 \pm 3.21	172.15 \pm 4.01	0.9935	0.14	0.47
Quercetin 3-<i>O</i>-(6''-rhamnosyl)- glucoside	- 9.08 \pm 1.70	158.24 \pm 2.15	0.9974	0.09	0.31
<i>p</i>-Coumaric acid	0.39 \pm 0.72	64.26 \pm 1.56	0.9947	0.08	0.27
Kaempferol 3-<i>O</i>-glucoside	- 5.72 \pm 5.33	304.26 \pm 8.41	0.9902	0.14	0.47
Isorhamnetin 3-<i>O</i>-glucoside	0.29 \pm 2.75	144.30 \pm 4.41	0.9926	0.14	0.47
Eriodictyol	- 3.09 \pm 3.64	181.35 \pm 4.41	0.9941	0.16	0.53
Luteolin	- 7.86 \pm 5.04	342.26 \pm 7.72	0.9959	0.10	0.34
Quercetin	- 43.61 \pm 6.17	55.16 \pm 4.53	0.9933	0.23	0.77
Naringenin	- 4.27 \pm 3.17	177.25 \pm 5.95	0.9955	0.10	0.33
Apigenin	- 2.74 \pm 10.29	486.86 \pm 18.36	0.9901	0.14	0.46
Kaempferol	0.92 \pm 11.36	238.86 \pm 9.78	0.9933	0.22	0.72
Pinocembrin	- 36.38 \pm 2.69	354.01 \pm 3.67	0.9997	0.03	0.09
Galangin	- 5.71 \pm 4.63	425.60 \pm 7.69	0.9977	0.07	0.24

SE – standard error.