**Figure S1.** Representative HPLC-PDA chromatograms ($\lambda$ = 330 nm) of Achillea spp. (*A. setacea*) (A) leaves, (B) stems, and (C) inflorescences, showing separation of: 1—neochlorogenic acid, 2—chlorogenic acid, 3—4-caffeoylquinic acid, 4—luteolin-3.7-diglucoside, 5—caffeic acid, 6—luteolin-7-rutinoside, 7—rutin, 8—luteolin-7-glucoside, 9—isoquercitrin, 10—4.5-dicaffeoylquinic acid, 11—apigenin-7-glucoside, 12—1.5-dicaffeoylquinic acid, 13—3.5-dicaffeoylquinic acid, 14—3.4-dicaffeoylquinic acid, 15—luteolin, 16 —quercetin, 17—apigenin, 18—santin.

**Table S1.** HPLC-PDA method identification and quantification parameters.

| Compound | Calibration curve | Coefficient of determination ($r^2$) | LOD (μg/mL) | LOQ (μg/mL) |
|---|---|---|---|---|
| Neochlorogenic acid | f(x) = 42500x - 15000 | 0.99970 | 0.32 | 0.97 |
| Chlorogenic acid | f(x) = 48500x + 47200 | 0.99927 | 0.27 | 0.83 |
| 4-caffeoylquinic acid | f(x) = 56700x - 91900 | 0.99993 | 0.11 | 0.33 |
| 3.4-dicaffeoylquinic acid | f(x) = 56700x - 6790 | 0.99999 | 0.03 | 0.09 |
| 3.5-dicaffeoylquinic acid | f(x) = 79100x - 36900 | 0.99990 | 0.09 | 0.28 |
| 1.5-dicaffeoylquinic acid | f(x) = 70500x - 23900 | 0.99937 | 0.65 | 1.57 |
| 4.5-dicaffeoylquinic acid | f(x) = 40400x - 9600 | 0.99998 | 0.05 | 0.15 |
| Caffeic acid | f(x) = 112000x + 24100 | 0.99974 | 0.37 | 1.25 |
| Quercitrin | f(x) = 39500x + 3580 | 0.99961 | 0.23 | 0.71 |
| Rutin | f(x) = 30300x + 3050 | 0.99993 | 0.10 | 0.30 |
| Quercetin | f(x) = 74800x - 70600 | 0.99984 | 0.13 | 0.38 |
| Isoquercitrin | f(x) = 39100x + 2560 | 0.99995 | 0.13 | 0.39 |
| Luteolin | f(x) = 25200x - 26000 | 0.99931 | 0.48 | 1.44 |
| Luteolin-7-glucoside | f(x) = 54300x + 1040 | 0.99998 | 0.05 | 0.15 |
| Luteolin-7-rutinoside | f(x) = 40300x - 3980 | 0.99999 | 0.03 | 0.08 |
| Luteolin-3.7-diglucoside | f(x) = 31200x + 19100 | 0.99929 | 0.31 | 0.94 |
| Apigenin | f(x) = 90100x + 9770 | 0.99997 | 0.03 | 0.10 |
| Apigenin-7-glucoside | f(x) = 68600x - 3820 | 0.99992 | 0.06 | 0.17 |
| Santin | f(x) = 64700x - 132000 | 0.99975 | 0.47 | 1.41 |