## SUPPORTING INFORMATION

Table 1. Correlation Coefficients of Cis-isomers According to Spearman's Rule

| Correlations |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | Cis-5CQA | Cis-4,5diCQA1 | Cis-4,5diCQA2 |
| Spearman's rho | Cis-5CQA | Correlation Coefficient | 1 | . $265^{* *}$ | . $183{ }^{*}$ |
|  |  | Sig. (2-tailed) | . | 0.003 | 0.041 |
|  |  | N | 126 | 126 | 126 |
|  | Cis-4,5diCQA1 | Correlation Coefficient | . $265^{* *}$ | 1 | . $731^{* *}$ |
|  |  | Sig. (2-tailed) | 0.003 | . | 0 |
|  |  | N | 126 | 126 | 126 |
|  | Cis-4,5diCQA2 | Correlation Coefficient | . $183{ }^{*}$ | . $731{ }^{* *}$ | 1 |
|  |  | Sig. (2-tailed) | 0.041 | 0 | . |
|  |  | N | 126 | 126 | 126 |

[^0]Figure 1. Linear dependency of A. cis-5-caffeoylquinic acid (cis-5-CQA) with 5caffeoylquinic acid (5-CQA), and B. two isomers of cis-4,5-dicaffeoylquinic acidcis-4,5diCQAs

B.
cis-4,5-diCQA2 concentration



[^0]:    **. Correlation is significant at the 0.01 level (2-tailed).
    *. Correlation is significant at the 0.05 level (2-tailed).

