

Fatty Acid Composition of Seeds of *Satureja thymbra* and *S. cuneifolia*

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The chemical composition of fatty acid methyl esters (FAMES) from seeds of *S. thymbra* and *S. cuneifolia* were analyzed by GC/MS. 7 FAMES were identified from the seeds of *S. thymbra* mainly as 9-octadecenoic acid methyl ester (43.9%), hexadecanoic acid methyl ester (11.4%), 9,12,15-octadecatrienoic acid methyl ester (*Z,Z,Z*) (30.2%), and octadecanoic acid methyl ester (14.1%), while from the seed of *S. cuneifolia* 10 FAMES were obtained with the main components, similar to *S. thymbra*. These were identified as 9-octadecenoic acid methyl ester (10.1%), hexadecanoic acid methyl ester (methyl palmitate, 34.6%), 9,12,15-octadecatrienoic acid methyl ester (*Z,Z,Z*) (6.3%) and octadecanoic acid methyl ester (1.8%).

Key words: *Satureja thymbra*, *Satureja cuneifolia*, Fatty Acids