

Supporting Information

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Essential Oil Composition and Antibacterial Activity of *Trixis michuacana* Lex. var. *michuacana* and *Trixis michuacana* var. *longifolia*

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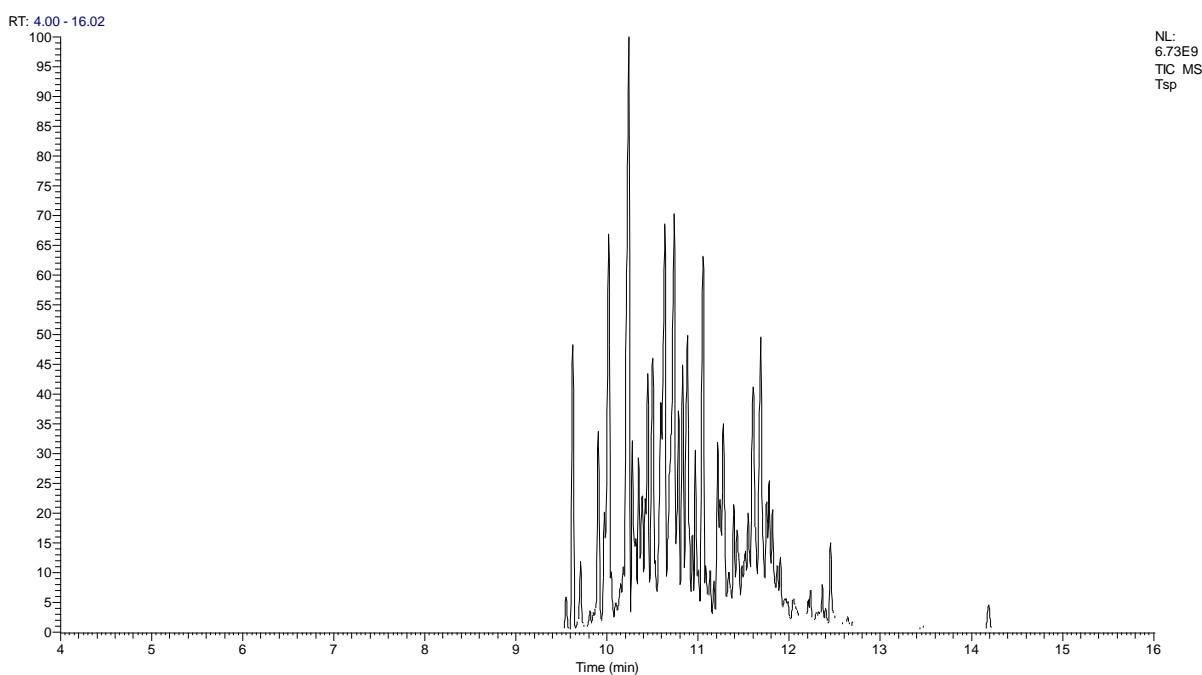


Figure S1: Chromatogram of the essential oil from *T. michuacana* Lex. var. *michuacana* (From 4.0 to 16.0 min).

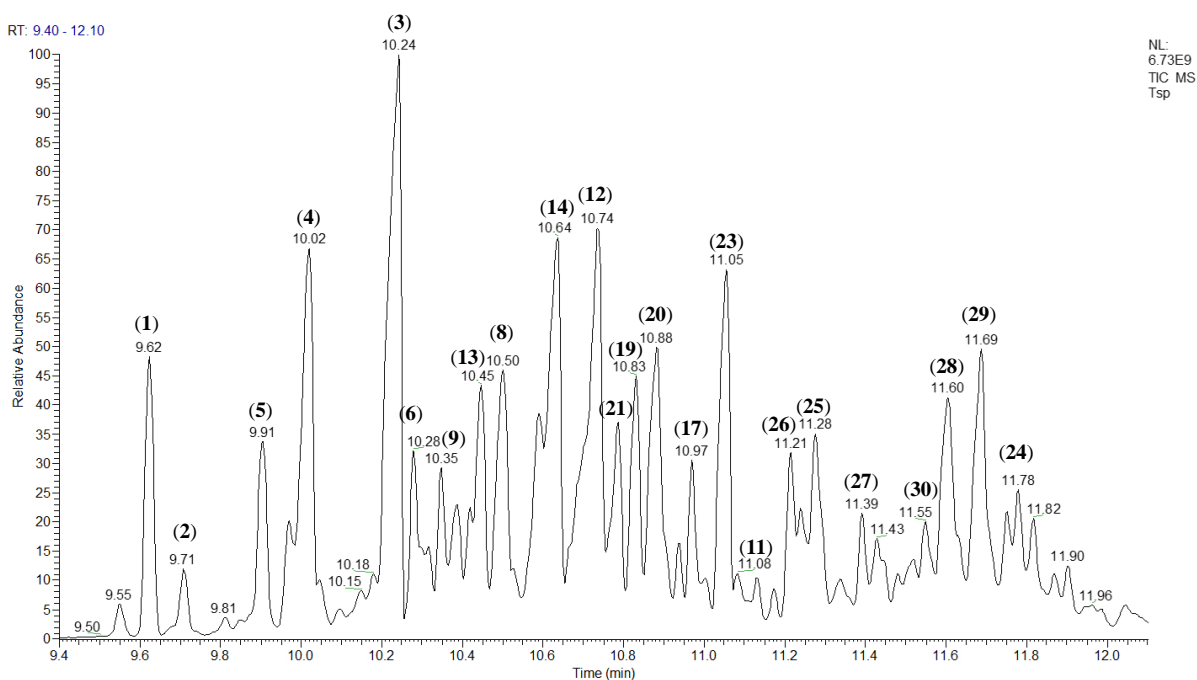


Figure S2: Ampliation of the chromatogram of the essential oil from *T. michuacana* Lex. var. *michuacana* (From 9.4 to 12.1 min). Labels for the identified compounds are given in parentheses.

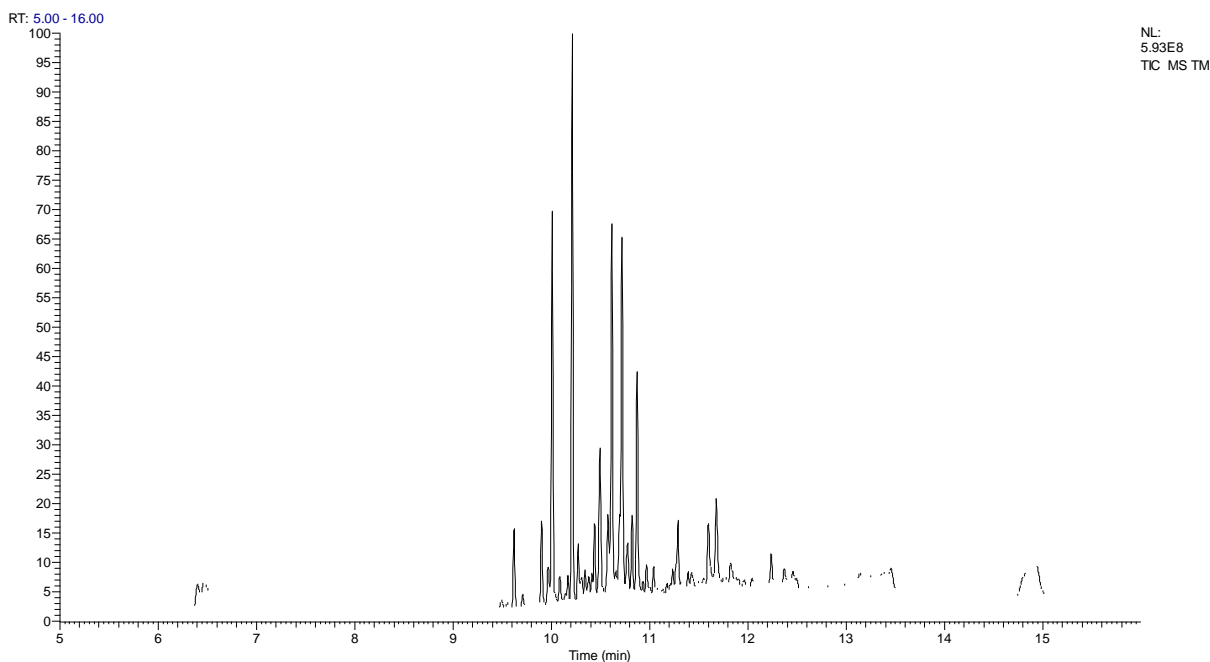


Figure S3: Chromatogram of the essential oil from *Trixis michuacana* var. *longifolia* (From 5.0 to 16.0 min).

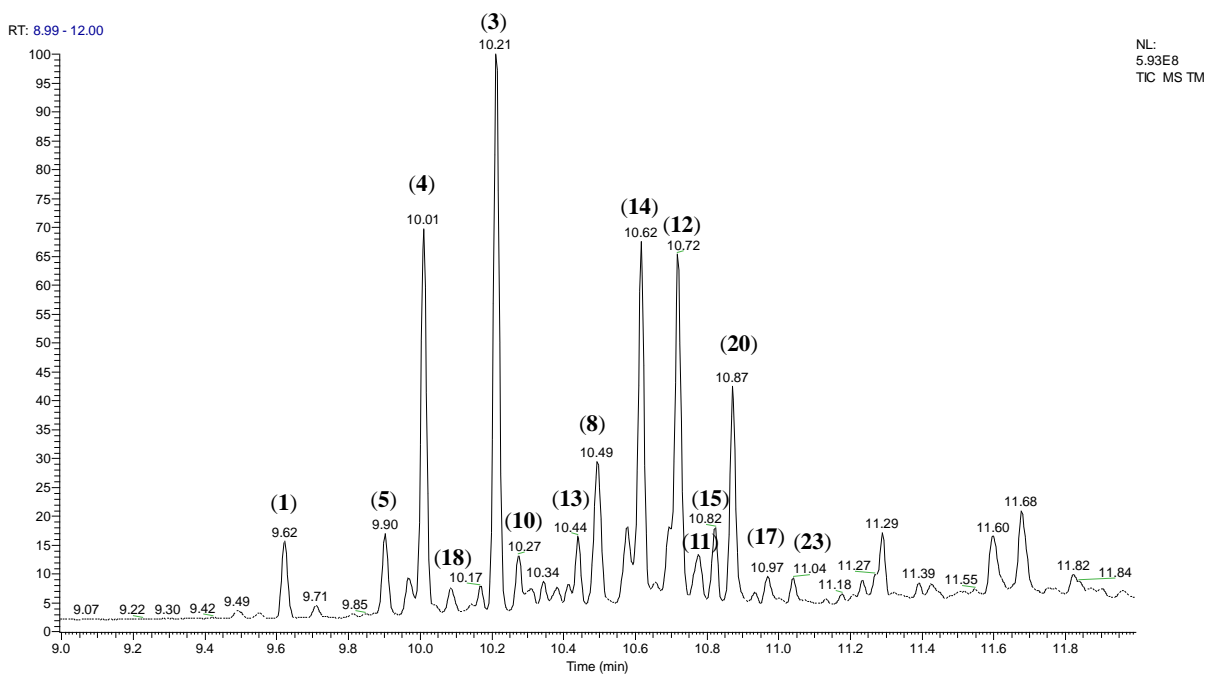


Figure S4: Ampliation of the chromatogram of the essential oil from *Trixis michuacana* var. *longifolia* (From 9.0 to 12.0 min). Labels for the identified compounds are given in parentheses.

Table S1: Antibacterial activity of the essential oil of *T. michuacana* Lex. var. *michuacana* and *T. michuacana* var. *longifolia*.

Bacteria and fungi strains	Inhibition zone	
	<i>T. michuacana</i> Lex. var. <i>michuacana</i>	<i>T. michuacana</i> var. <i>longifolia</i>
<i>E. coli</i> ATCC 25922	-	-
<i>E. coli</i> 82MR	-	-
<i>K. pneumoniae</i> ATCC 13883	10.30 ± 0.58	11.30 ± 0.58
<i>P. aeruginosa</i> ATCC 27853	-	-
<i>S. aureus</i> ATCC 29213	7.67 ± 0.58	10.00 ± 0.00
<i>S. aureus</i> 23MR	8.30 ± 0.58	7.67 ± 0.58
<i>S. epidermidis</i> ATCC 12228	8.30 ± 0.58	9.67 ± 0.58
<i>S. epidermidis</i>	10.67 ± 1.15	21.67 ± 0.58
<i>C. albicans</i> 17 MR	-	-
<i>C. glabrata</i>	-	-
<i>C. tropicalis</i>	-	-

To perform the disk diffusion method, 4 μL of the essential oils were used, and chloramphenicol (25 $\mu\text{g}/\text{mL}$) was applied as positive control. The measurement of the inhibition zone is reported in mm, along with the standard deviation data. MR denotes a multi-resistant strain. (-) Does not show activity.