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Seasonal Variability of Essential Oils of *Eugenia uniflora* Leaves

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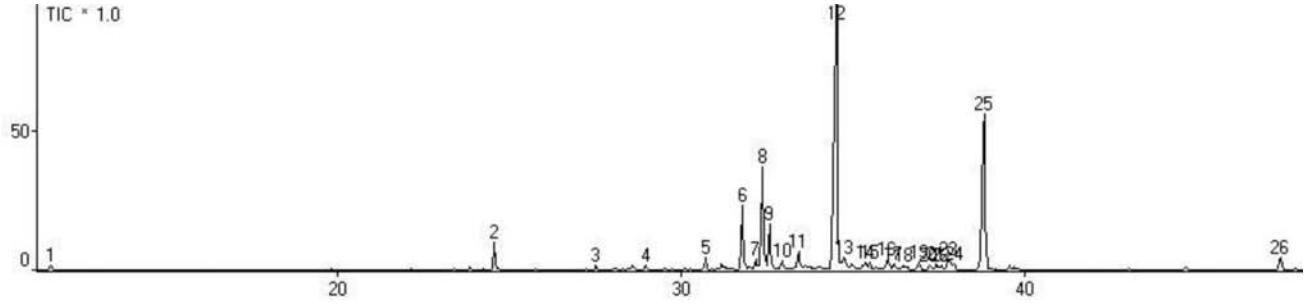

Figure S1. Total Ion Chromatogram (TIC) of essential oil from leaves of representative *E. uniflora* with red-orange fruit color biotype collected in the dry season.

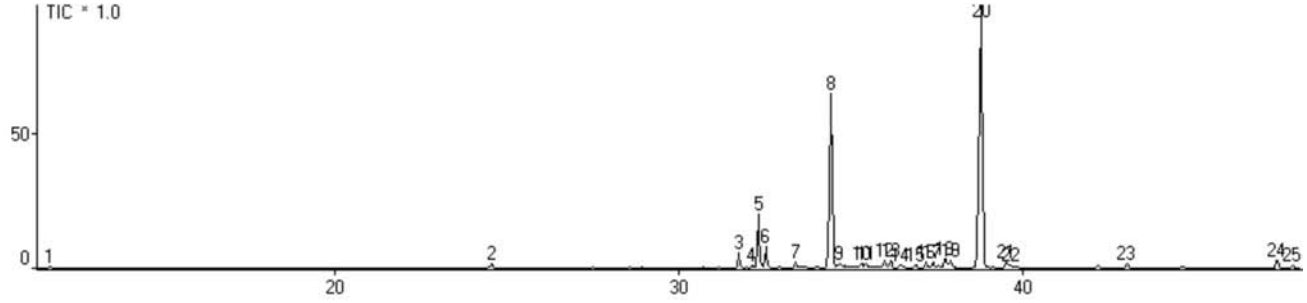

Figure S2. Total Ion Chromatogram (TIC) of essential oil from leaves of representative *E. uniflora* with red-orange fruit color biotype collected in the wet season.

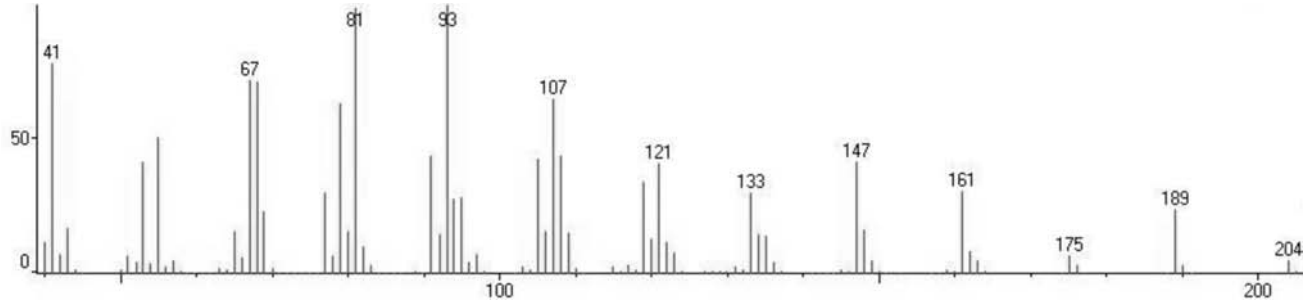

Figure S3. Mass spectrum of β-elemene.

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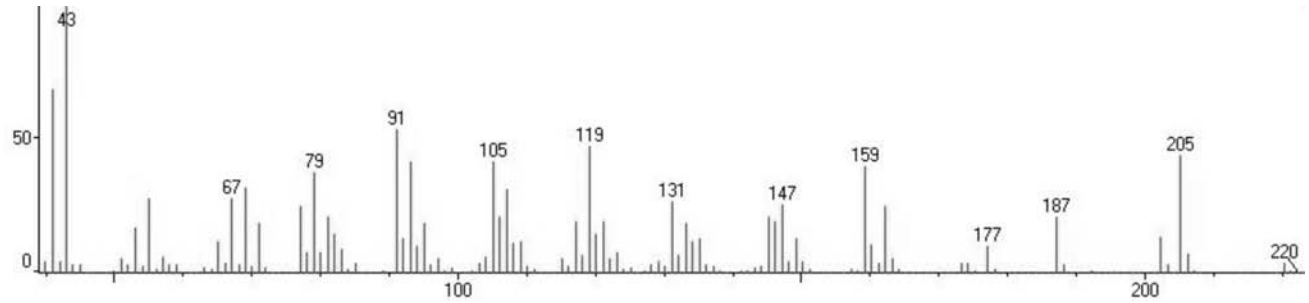

Figure S4. Mass spectrum of spathulenol.

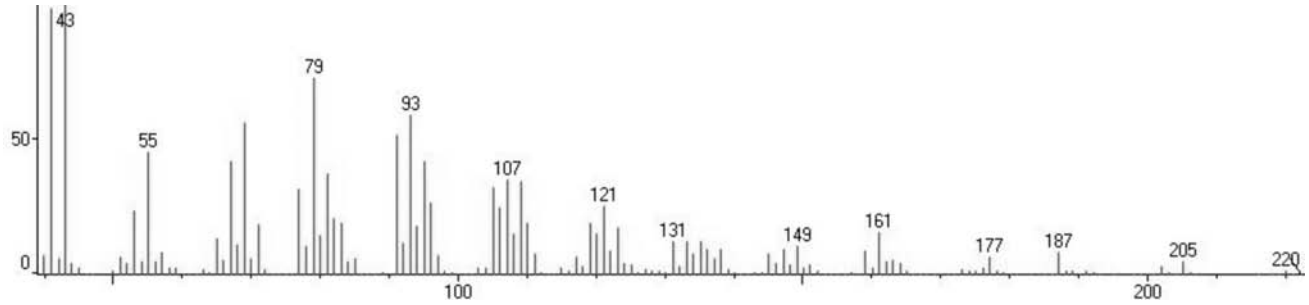

Figure S5. Mass spectrum of caryophyllene oxide.

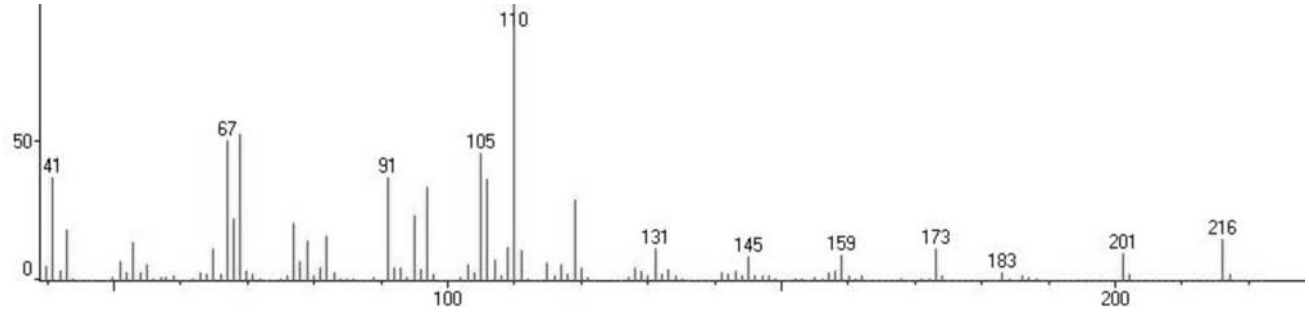

Figure S6. Mass spectrum of selina-1,3,7(11)-trien-8-one.

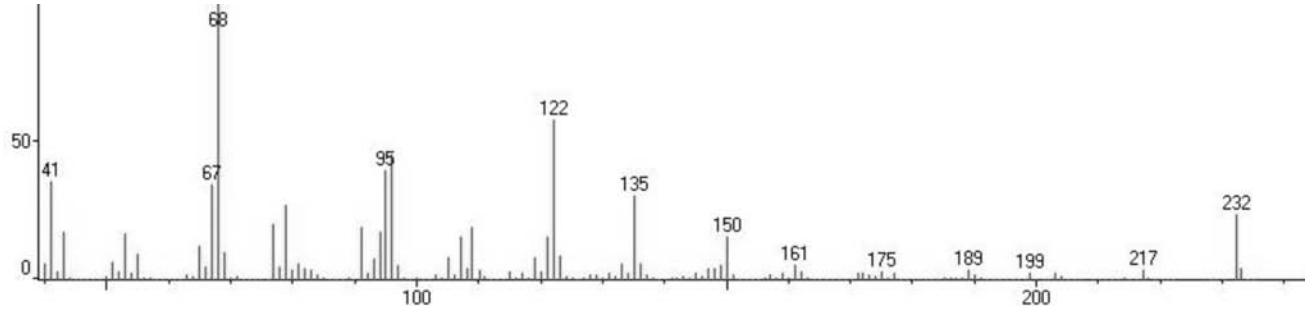

Figure S7. Mass spectrum of selina-1,3,7(11)-trien-8-one epoxide.

Table S1. Average[a] of phenolics (mg g^{-1}) and nutrients (mg dm^{-3}) from *E. uniflora* leaves with red-orange fruit color biotype collected during wet and dry seasons in the Brazilian Cerrado

Foliar constituent	Season	
	Wet	Dry
Total phenols	81.04 ± 17.71	80.87 ± 11.70
Hydrolized tannins	112.89 ± 23.45	113.97 ± 14.74
Tannin protein precipitation assay	35.54 ± 9.89	33.09 ± 5.74
Flavonoids	3.34 ± 1.12	3.32 ± 0.80
K	0.90 ± 0.13	0.84 ± 0.13
Ca	3.26 ± 1.04	4.53 ± 0.94*
Mg	0.30 ± 0.07	0.31 ± 0.05
N	2.85 ± 1.11	2.51 ± 0.99
P	0.39 ± 0.08	0.38 ± 0.10
S	0.12 ± 0.03	0.26 ± 0.40*
Cu	8.08 ± 3.17*	5.73 ± 1.33
Zn	16.61 ± 2.61	15.42 ± 1.91
Mn	17.54 ± 5.12	16.00 ± 3.13
Fe	288.63 ± 138.4	428.23 ± 157.28*

[a] Based on original data. *Means with significant differences at 95% confidence level.