

VOLATILE AROMA CONSTITUENTS
OF CURRY LEAVES (MURRAYA KOENIGII)

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Extracts of aroma volatile components of curry leaves (*Murraya koenigii*) were obtained by two types of steam distillation apparatus described by Shipton and Whitfield¹ and Likens and Nickerson². The solvent used was either hexane or isopentane. The extracts possessed the characteristic aroma of the curry leaves. They were analysed by capillary GC and GC/MS. Altogether 37 constituents were positively identified including 15 not previously reported as curry leaf volatiles³. Among these are myrcene, terpinolene, linalool, α -humulene, β -farnesene, α -nerolidol and α -cadinol. The type of extraction apparatus used had no effect on the volatile constituent profile of the curry leaves. When compared with the results of the previous study³ some difference were observed in the relative percentage abundance of some of the major constituents. For example α -phellandrene, trans β -ocimene and β -gurjugene found to be present to the extent of 6.1%, 1.9% and 21.4% respectively in the previous analysis, account for 18.9%, 12.7% and 1.9% respectively in our analysis.

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References:

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3. MacLeod, A.J. & Pieris, N.M. (1982) Phytochem. 21, 1653

TWO NEW TIRUCALLANES FROM PARAMIGNYA
MONOPHYLLA (RUTACEAE) FRUITS

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The light petroleum extract of *Paramignya monophylla* fruits contained the tetracyclic triterpene, flindessone, previously isolated from *Flindersi* species (Birch et al., 1963) and two new triterpenes.