

Characterization of Alkaloids from The Leaves of *Psychotria Malayana* Jack of Lombok Island on The Basis of Gas Chromatography-Mass Spectroscopy

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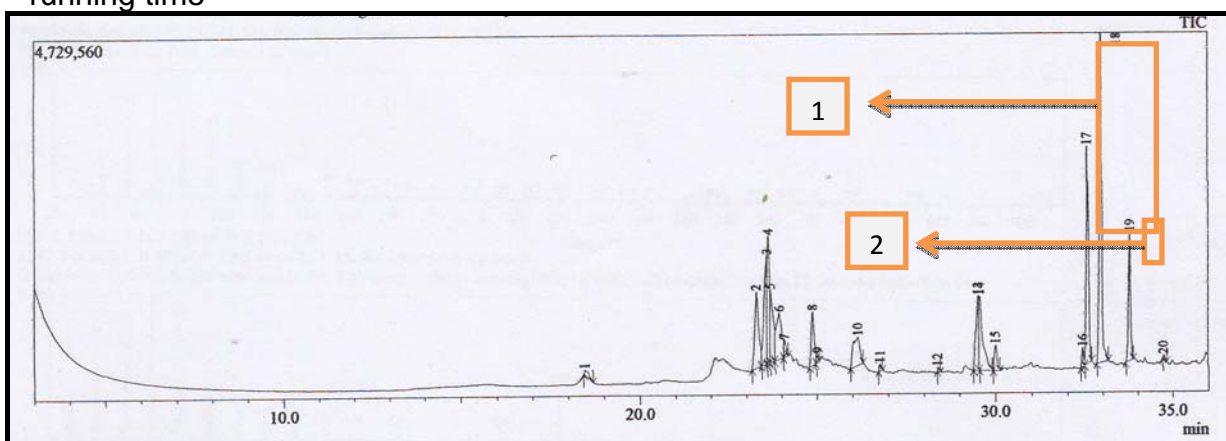
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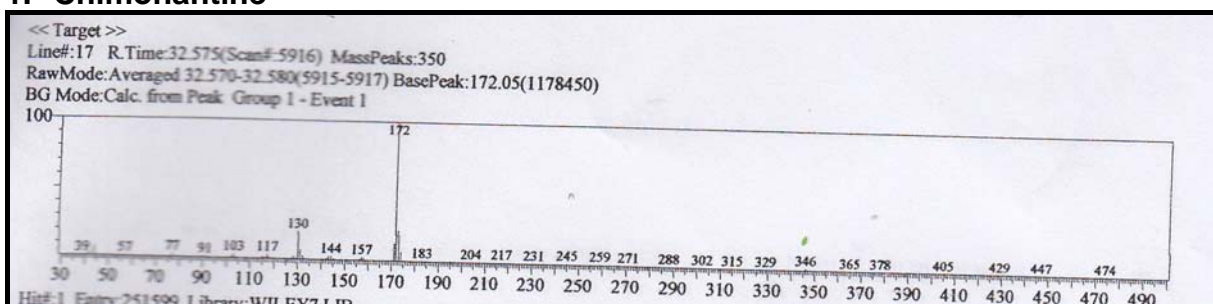
GC-MS Chromatogram and Spectrum of Alkaloids from the Leaves Of *Psychotria Malayana* Jack from Lombok Island

Figure at injection temperature 100°C (compound 1-5)

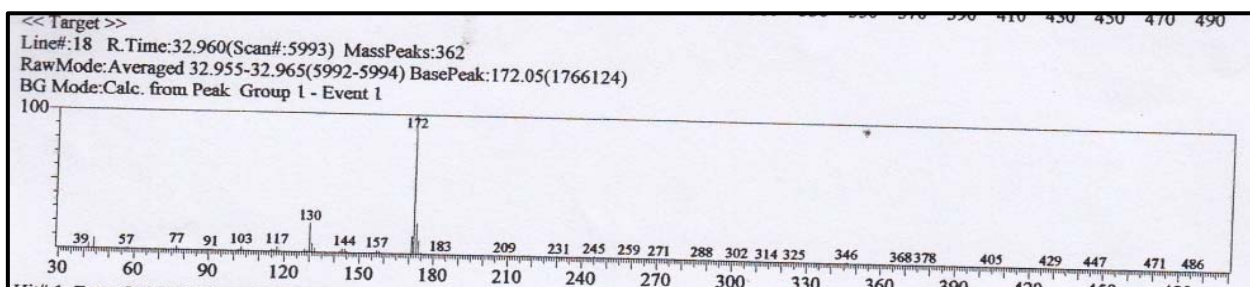
A. Chromatogram of 1st injection at injection temperature 100°C in 35 minutes total running time



1. Chimonantine

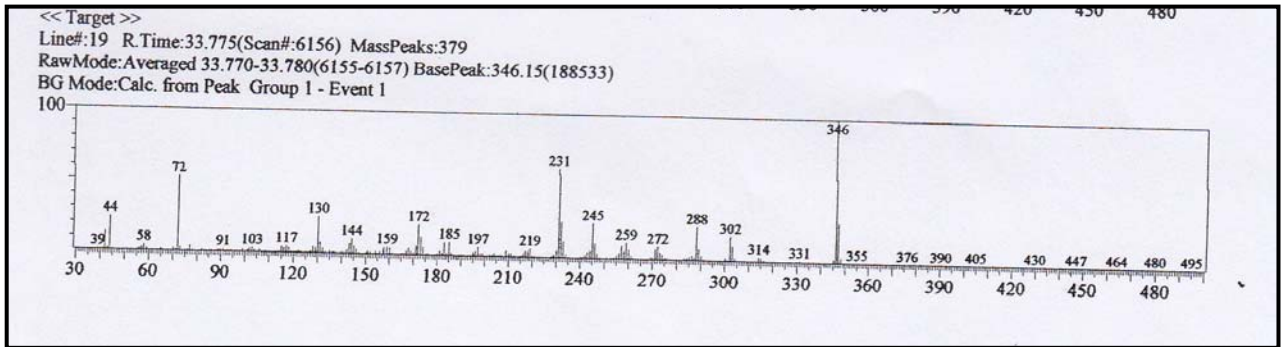


Ion fragmentation of *Meso*-Chimonantine



Ion fragmentation of (+/-)-Chimonanthine

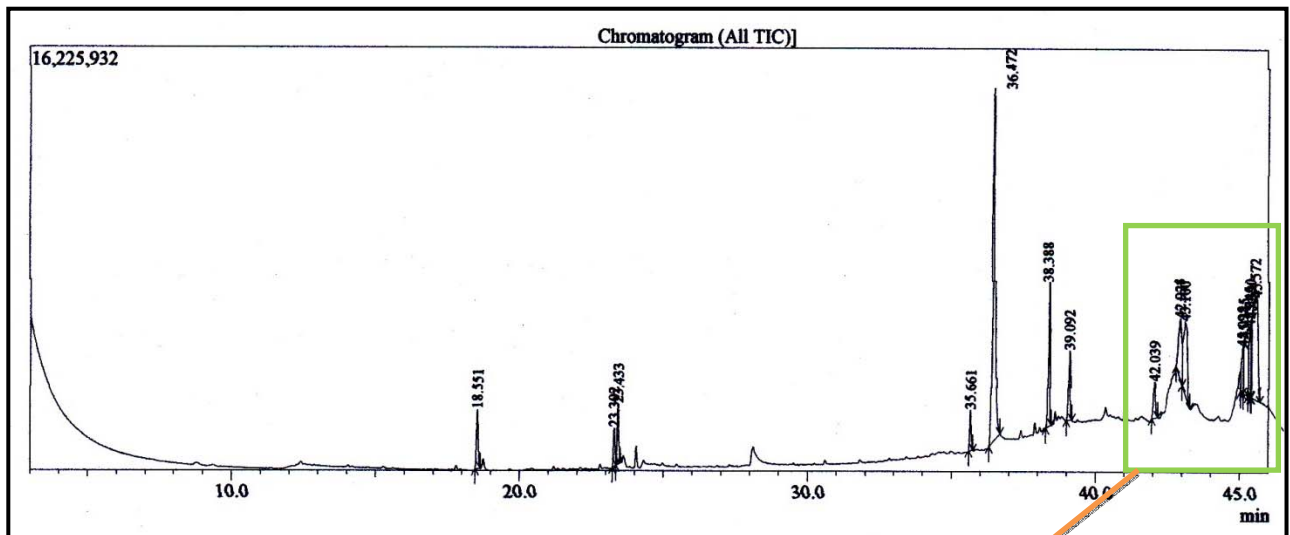
2. Calycanthine



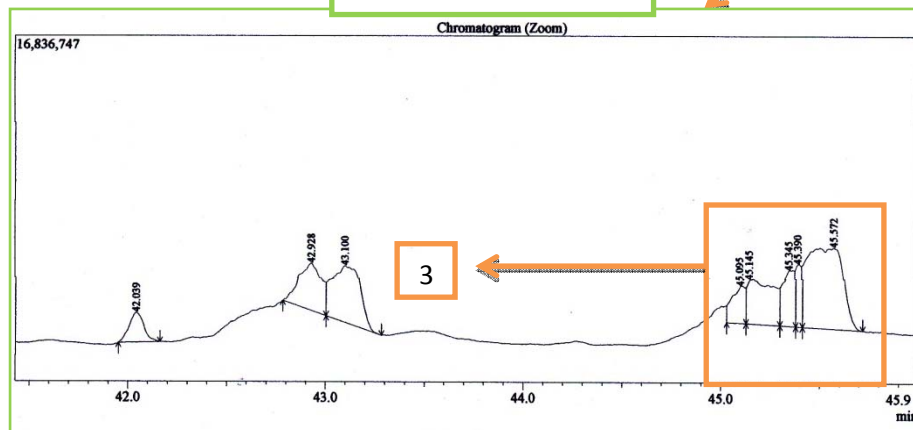
Ion fragmentation of Calycanthine

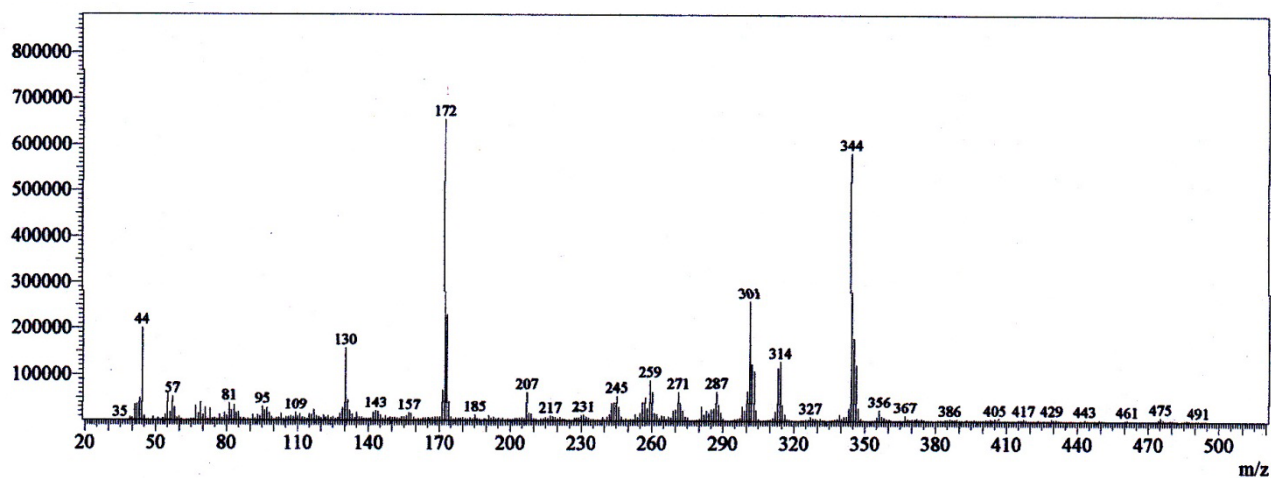
B. Figure of 2nd injection at injection temperature 100°C in 45 minutes total running time

3. Hodgkinsine



Zoom in

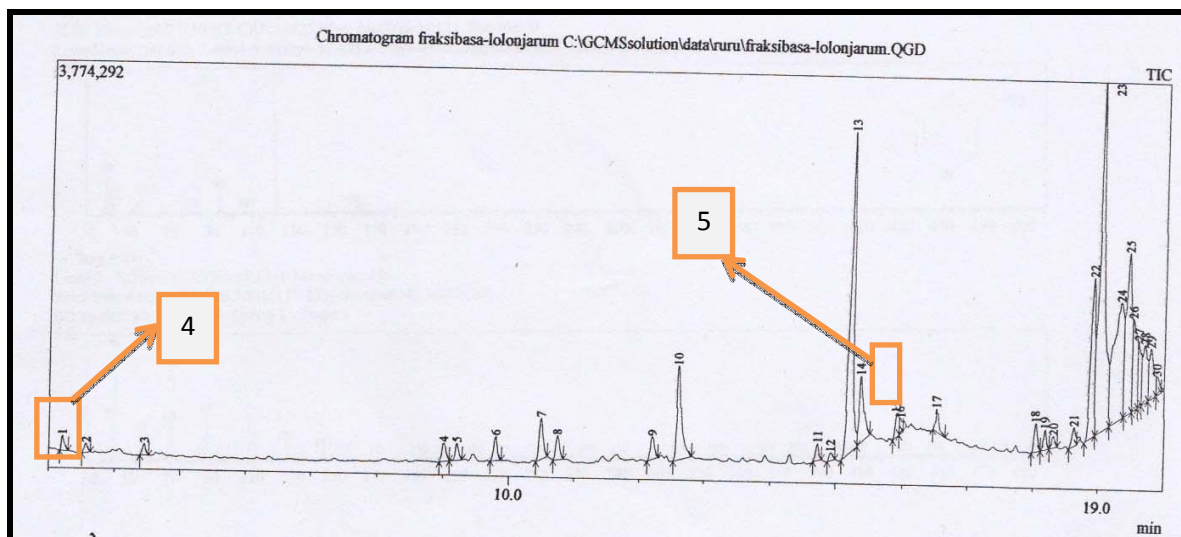




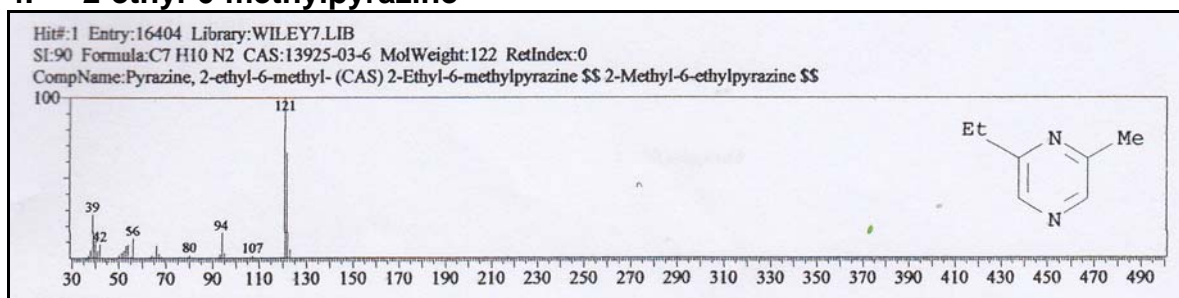
Ion fragmentation of Hodgkinsine with various isomers

Figure at injection temperature 260°C (compound 6-7)

A. Figure of injection temperature 260°C in 20 minutes total running time

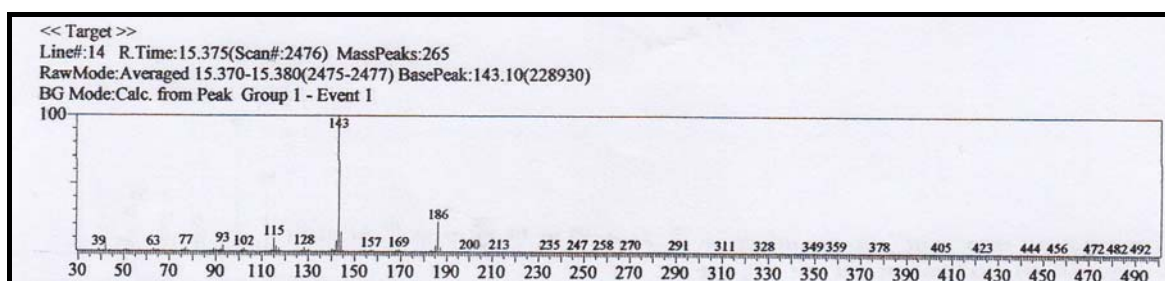


4. 2-ethyl-6-methylpyrazine



Ion fragmentation of 2-ethyl-6-methylpyrazine

5. 3-methyl-1,2,3,4-tetrahydro-gamma-carboline



Ion fragmentation of 3-methyl-1,2,3,4-tetrahydro-gamma-carboline