

ICG **INDOFINE Chemical Company, Inc.**

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Methyl 6(Z)-hexadecenoate (Sapienic acid methyl ester)



Amount: 5 mg

Solvent: methanol

Volume: 0.5 mL

Cat. no.: 20-1606

Lot No.: LX-179

Identity

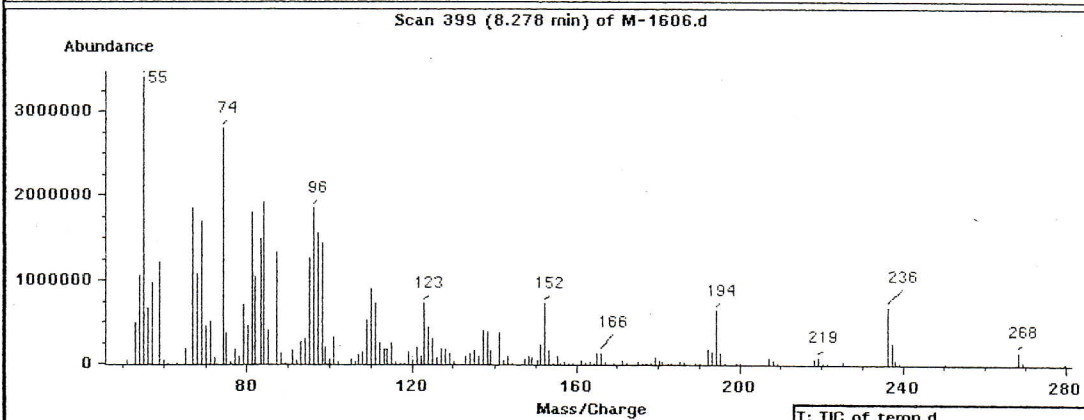
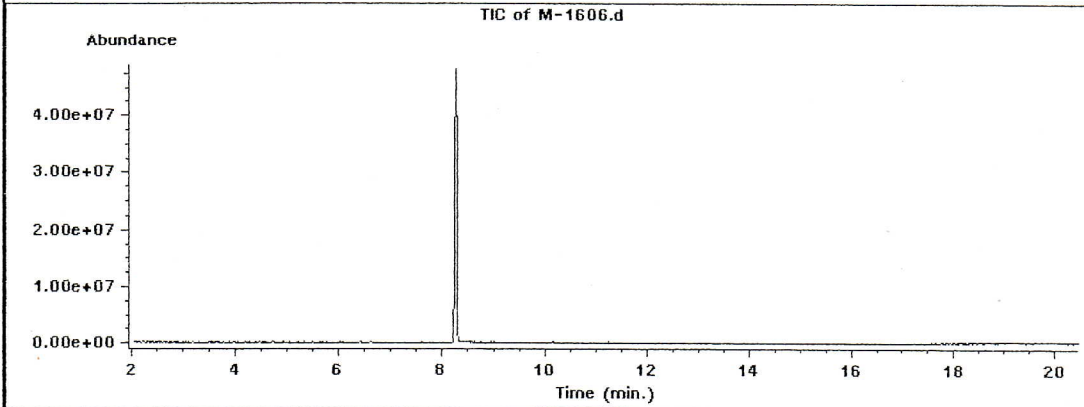
The identity of the material is based on its mode of preparation and on the mass spectrum showing *e.g.* a molecular ion at m/z 268 (attached). Oxidative ozonolysis yielded a 1:1 mixture of methyl hydrogen adipate and decanoic acid, thus proving the double bond location at Δ^6 .

Purity

>98%. The purity was determined by GC-MS analysis using a capillary column of 5% phenylmethylsiloxane (12 m, 0.33 μ m film thickness, carrier gas: helium). The temperature was raised from 120°C to 300°C at a rate of 10°C/min (GC-MS analysis attached).

DataAnalysis

Files Graphics Integration Reports Spectra LibrarySearch Help
Background subtraction is off.



T: TIC of temp.d
Z: TIC of M-1606.d
Y: Scan 589 (11.253 min) of temp.d
X: Scan 399 (8.278 min) of M-1606.d