



INDOFINE Chemical Company, Inc.

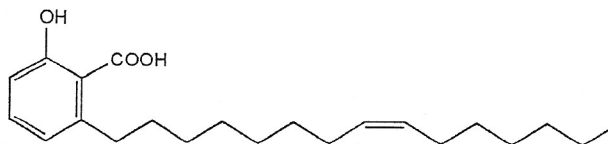
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Anacardic acid-15:1 {6-[8(Z)-pentadecenyl]salicylic acid}



Amount: 5 mg

Solvent: 95% ethanol containing 100 µg BHT

Volume: 0.75 mL

Cat. no.: 16-1501

Lot: LS-40

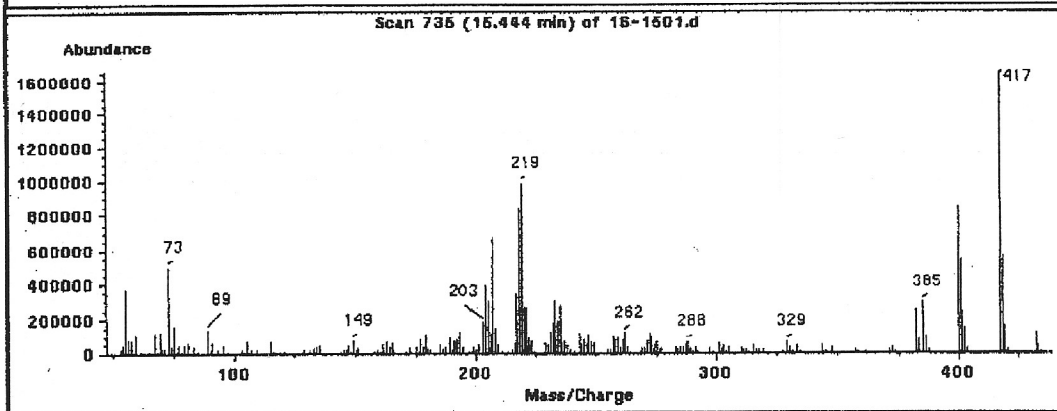
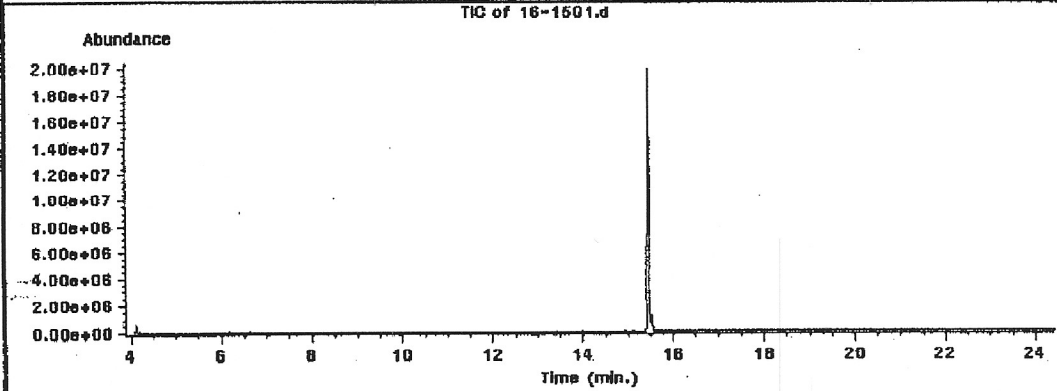
Identity

The identity of the material is based on its mode of preparation and on the mass spectrum of the methyl ester/trimethylsilyl ether derivative showing prominent ions at m/z 432 (M^+), 417 ($M^+ - 15$; loss of CH_3), 400 ($M^+ - 32$; loss of OCH_3), and 219 (attached).

Purity

>95%. The purity was determined by GC-MS analysis of the methyl ester/trimethylsilyl ether derivative. Column: 5% phenylmethylsiloxane (12 m, 0.33 µm film thickness). Carrier gas: helium. Column temperature: 120°C, raised at 10°C/min until 300°C.

Note: The purity as pentadecenyl-anacardic acid is 99%, however, c:a 4% of an unknown pentadecenyl isomer is present in addition to the 8(Z)-pentadecenyl anacardic acid. The two isomers coelute on HPLC but on GLC the minor isomer elutes just after the major one.



Z: TIC of 16-1501.d
Y: Scan 736 (15.444 min) of 16-1501.d
X: Scan 736 (15.444 min) of 16-1501.d