

ICC **INDOFINE Chemical Company, Inc.**

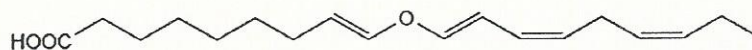
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Colnelenic acid ([9-[1'(E),3'(Z),6'(Z)-nonatrienyloxy]-8(E)-nonenoic acid])



Amount: >100 µg

Solvent: 95% ethanol

Volume: 500 µL

Cat. no.: 12-1846

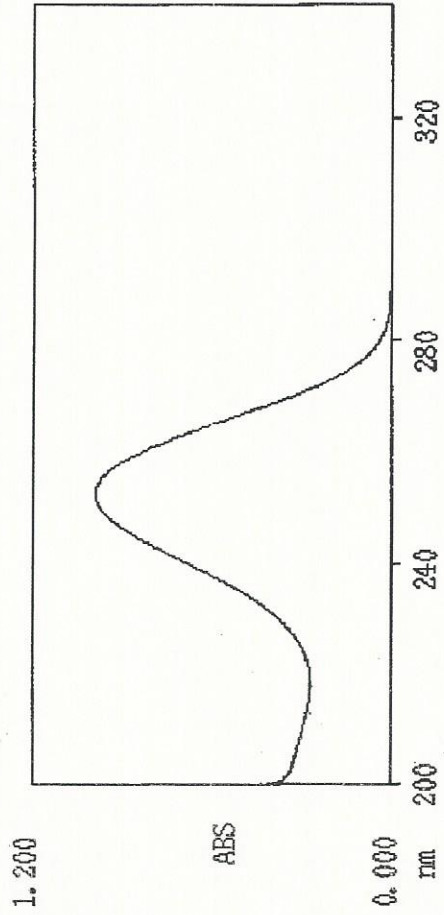
Lot No.: LS-126

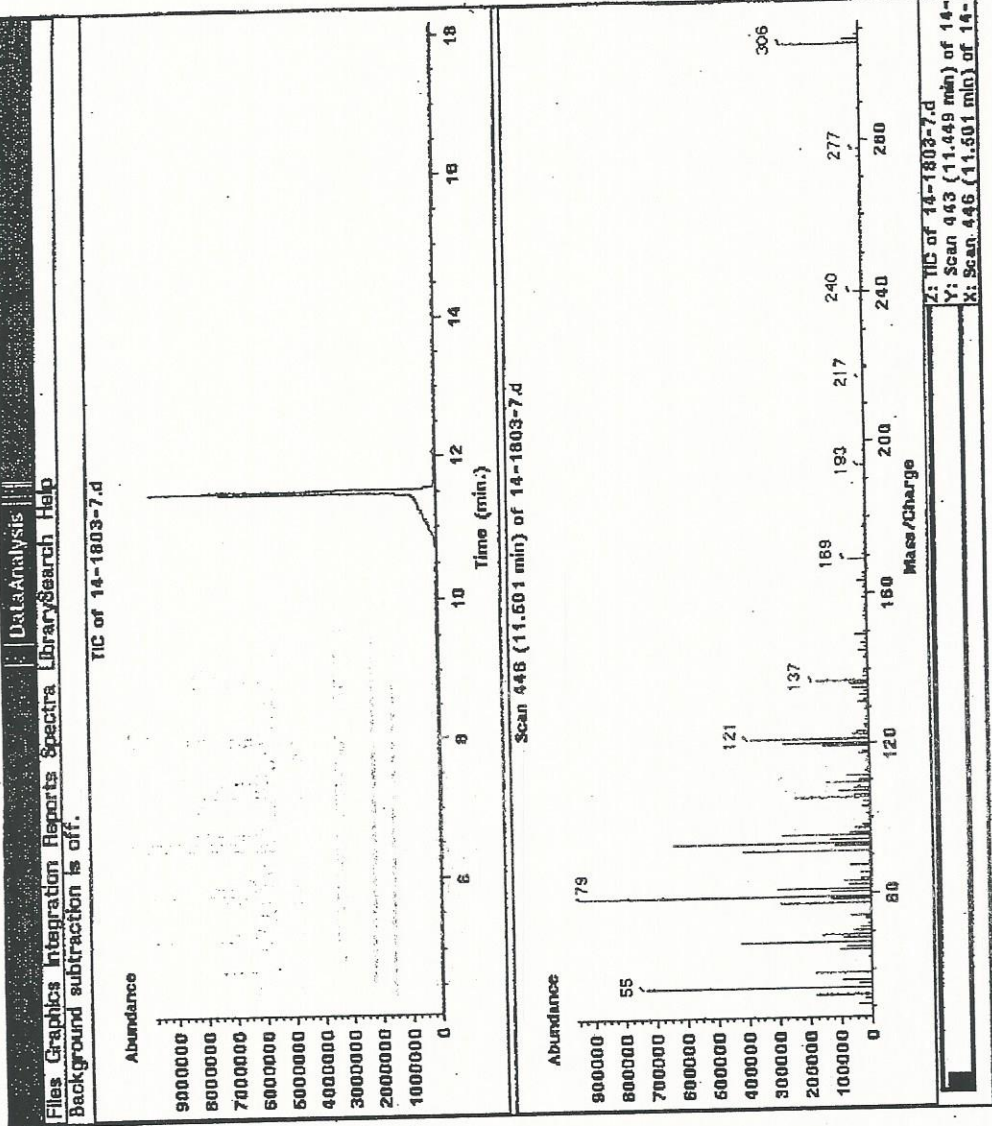
Identity

The identity of the material is based on its mode of preparation and confirmed by its UV spectrum ($\lambda_{\text{max}} = 252 \text{ nm}$ [EtOH]) (attached) and mass spectrum (recorded on the methyl ester derivative; attached).

Purity

>98%. The purity was determined by GC-MS analysis using a capillary column of 5% phenylmethylsiloxane (12 m, 0.33 µm film thickness, carrier gas: helium). The temperature was raised from 120°C to 250°C at a rate of 10°C/min (GC-MS analysis attached). Note: the ascending segment immediately before the peak is due to on-column degradation which typically takes place with this oxylipin. Analysis by normal-phase high-pressure liquid chromatography using 2-propanol-hexane-acetic acid 0.6:99.4:0.005 (v/v/v) at a flow rate of 4 mL/min likewise showed a purity >98%. Detection was by UV(210 nm) (lower) and R.I. (upper) (attached).



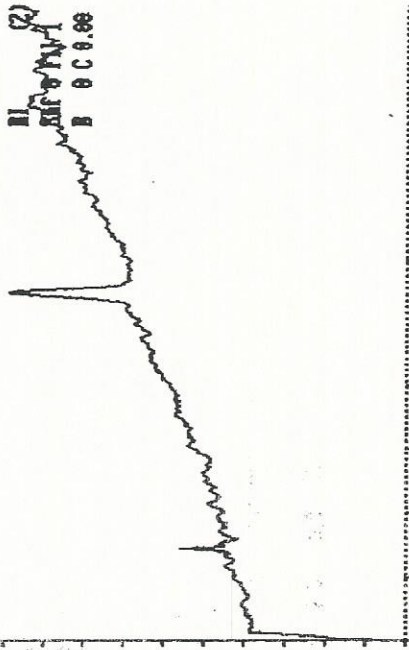


RUN#5 .165 141c

f 2.370

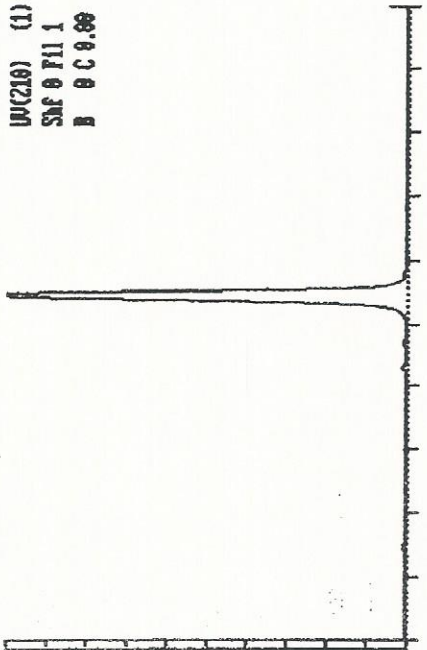
ConstEff Not-Shift PCB

11
12
Sf 0.111
B 0.0.0.00



f 13.900

11(210) (1)
Sf 0.111
B 0.0.0.00



Min. 0.0 2.5 5.0 7.5 10.0 12.5 15.0 17.5 20.0 22.5 25.0