

**ICG** **INDOFINE Chemical Company, Inc.**

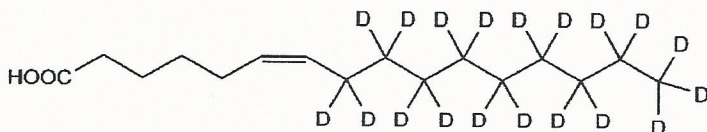
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**[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16-<sup>2</sup>H<sub>19</sub>]6(Z)-Hexadecenoic acid  
(D<sub>19</sub>-Sapienic acid)**



Amount: 5 mg

Solvent: 95% ethanol

Solvent volume: 0.5 mL

Cat. no.: 71-1619

Lot No.: LX-169

**Identity**

The identity of the material is based on its mode of preparation and on the mass spectrum of the methyl ester derivative (attached).

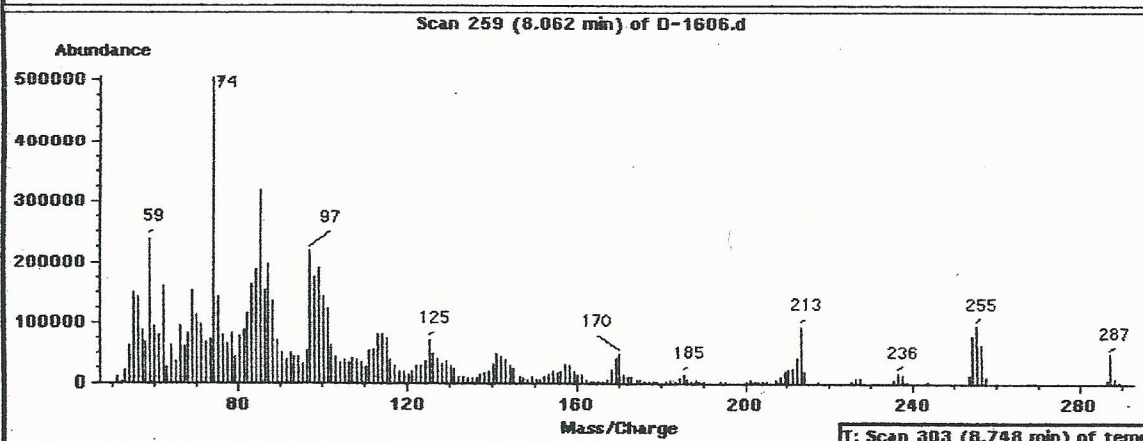
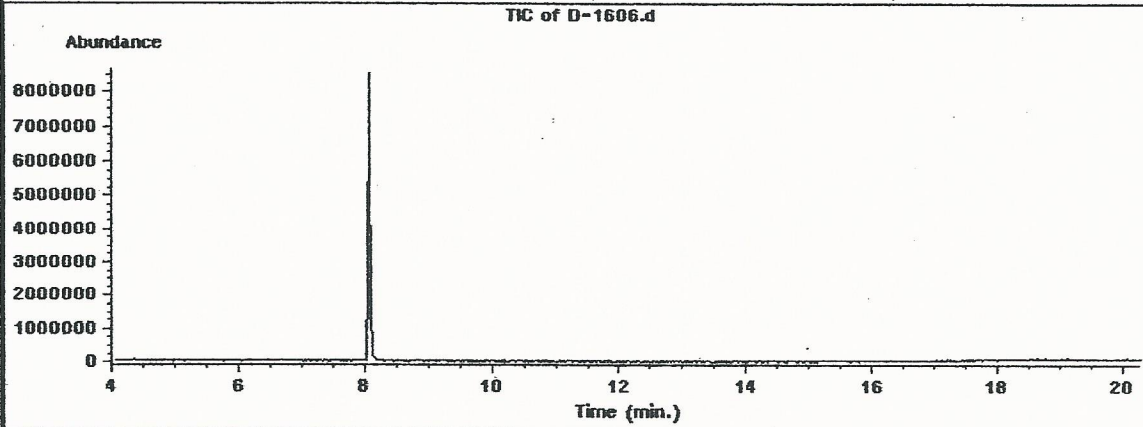
**Purity**

>98%. The purity was determined by GC-MS analysis of the methyl ester derivative using a capillary column of 5% phenylmethylsiloxane (carrier gas: helium; temperature: 120°C, raised at a rate of 10°C/min) (GC-MS analysis attached). In addition analysis was performed by GLC using FID detection and a capillary column of methylsilicone (25 m, 0.33 µm film thickness, carrier gas: helium). Temperature: 180°C, raised at 5°C/min (GLC analysis attached).

**Isotopic purity**

>99.5% deuterated molecules.

Background subtraction is off.



T: Scan 303 (8.748 min) of temp.  
Z: TIC of D-1606.d  
Y: Scan 260 (8.078 min) of temp.  
X: Scan 259 (8.062 min) of D-16

