

ICG **INDOFINE Chemical Company, Inc.**

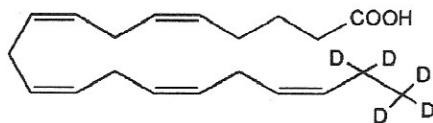
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

[19,19,20,20,20-²H₅]5(Z),8(Z),11(Z),14(Z),17(Z)-Eicosapentaenoic acid



Amount: 5 mg

Solvent: 95% ethanol containing 4 µg butylated hydroxytoluene (BHT) as antioxidant

Volume: 0.5 mL

Cat. no.: 71-9603 /New Cat. no: 71-2005-4

Lot No.: LX-291

Identity

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

Purity

>97%. The chemical purity was determined by GC-MS analysis of the methyl ester derivative 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 320°C at a rate of 10°C/min (GC-MS analysis attached). Analysis by GLC with FID detection was performed with a methylsilicone capillary column (25 m, 0.33 µm film thickness, carrier gas: helium) at 200°C.

Isotopic purity

>99% deuterated molecule

Prepared by:

Ramesh Mandadi

Ramesh Mandadi

Director of Operations

Reviewed and approved by:

Sujata Moton

S. Moton

VP



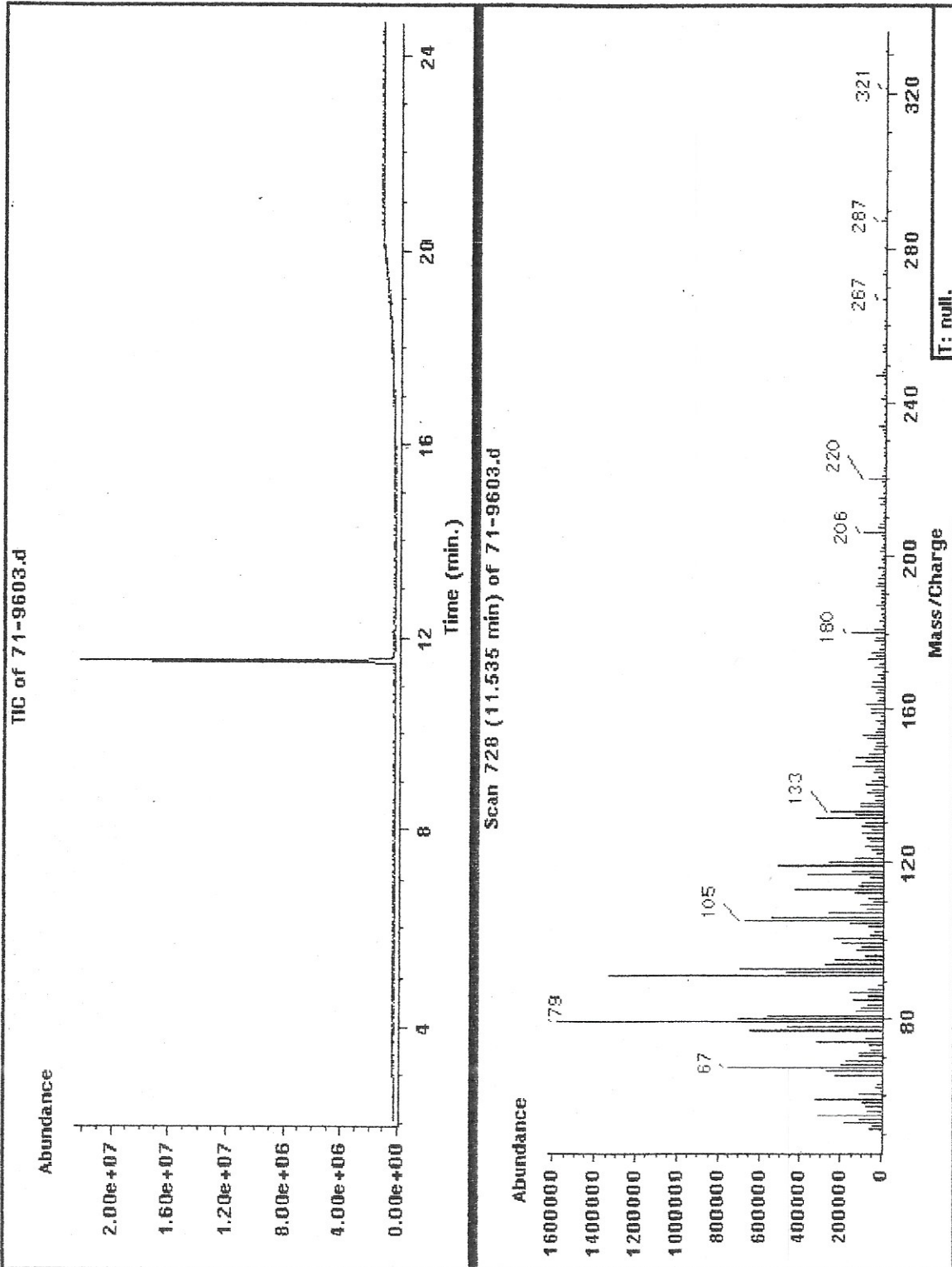
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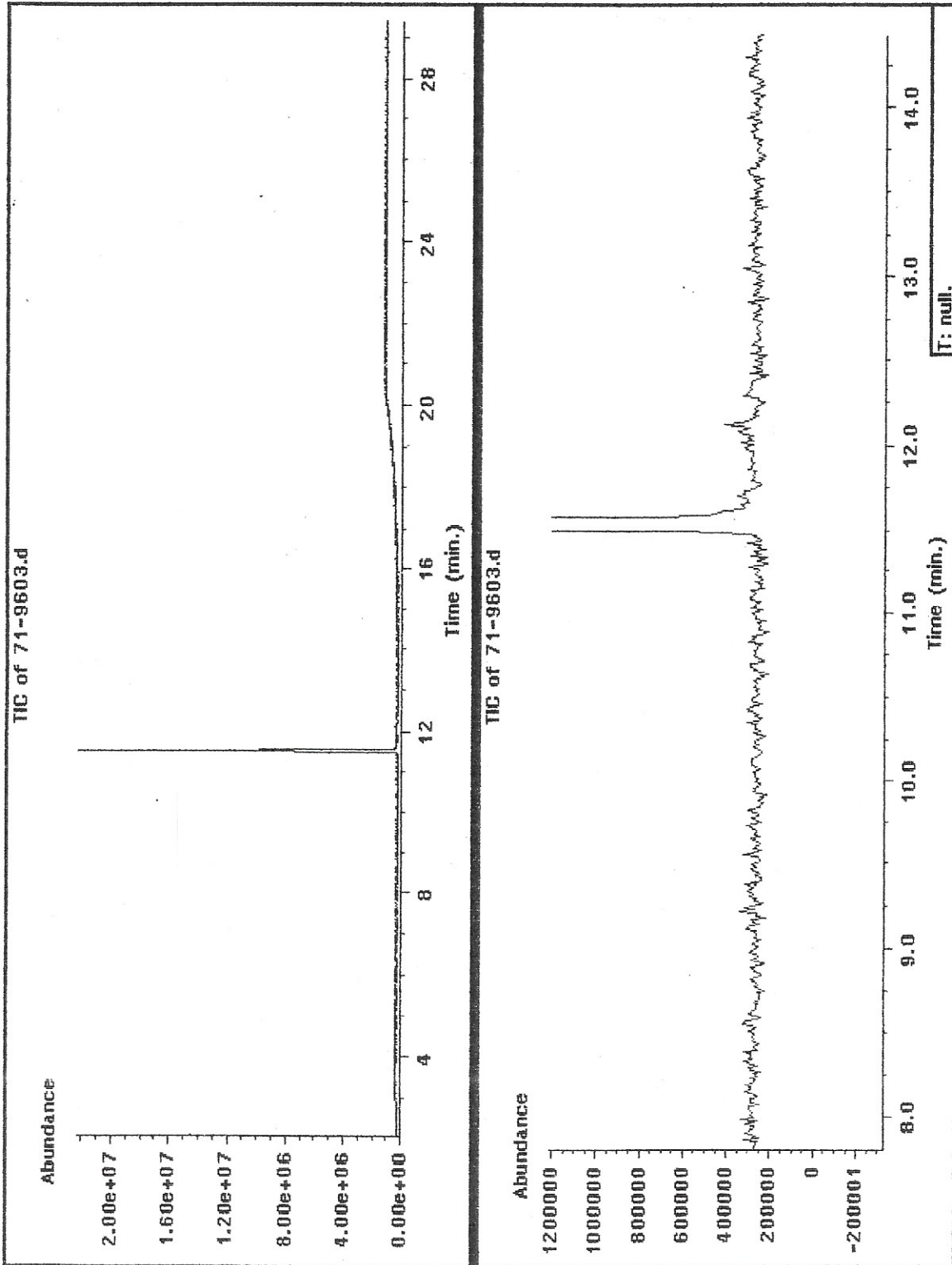
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SAMPLE:

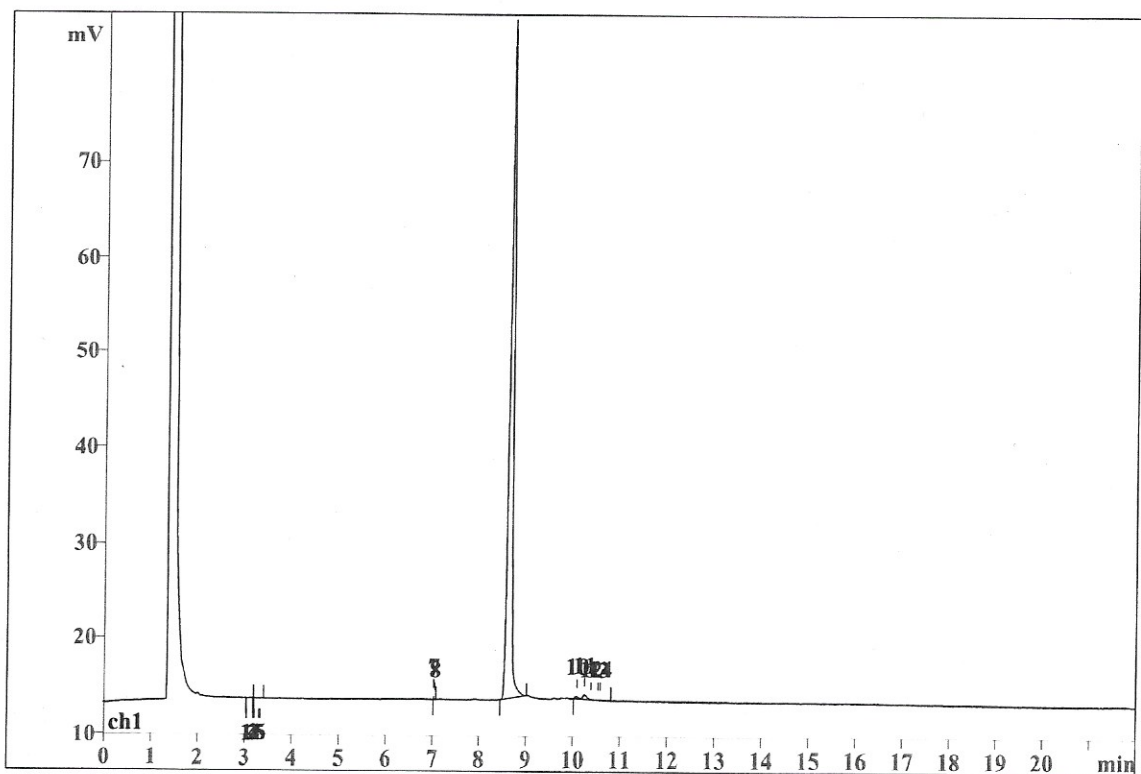
Vial number: 1
 Volume: 1.0 µl
 Dilution: 1.00
 Amount: 1.0000

COLUMN:

Size: 2.0 x 60 mm
 Number:
 Part.size: 5.0 µm

ELUENT:

Flow: 0.50 mL/min
 Temperature: 20.0°C
 Pressure: 2.7 MPa



Quantitation method: Absolute concentration

No	Retention min	Area mV*sec	Area %	Name
1	3.04	-0.043	-0.01	
2	3.19	-0.034	-0.01	
3	3.21	-0.008	0.00	11
4	3.21	-0.031	-0.01	12
5	3.31	0.003	0.00	13
6	3.34	-0.028	-0.01	14
7	7.04	0.079	0.02	
8	7.06	0.018	0.00	
9	8.67	392.154	98.88	
10	10.09	1.384	0.35	
				11
				12
				13
				14
				14
				14