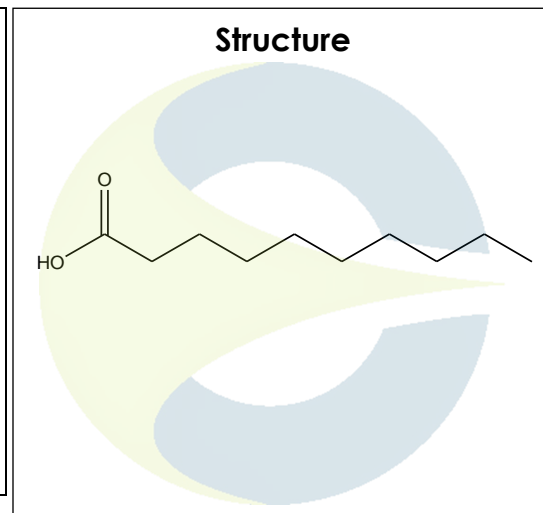


Certificate of Analysis

For Laboratory Use Only

PRODUCT NAME	Capric acid
PART NUMBER	00003126
STANDARD TYPE	Analytical Standard (AS)
LOT NUMBER	00003126-27V
REPORT NUMBER	CDXA-RSS-6021-02
SAMPLE NUMBER	CDXA-14-0773
DATE OF SAMPLE	01/29/2014
DATE OF RE-EVALUATION	10/11/2018 (1 st); 08/18/2022 (2 nd)
DATE OF REPORT	09/14/2022



CHEMICAL NAMES	Decanoic acid; 1-Decanoic acid; 1-Nonanecarboxylic acid; Capric acid; Caprynic acid; Decoic acid; Decylic acid; n-Capric acid; n-Decanoic acid
CHEMICAL FORMULA	C ₁₀ H ₂₀ O ₂
MOLECULAR WEIGHT (MW)	172.26
CHEMICAL FAMILY	Fatty Acids
CAS NUMBER	[334-48-5]
EC#(EINECS)	206-376-4
RTECS	HD9100000

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
GC	0.700.10.2.METH140	≥ 75%	99.9%
Mass Spectrum	0.700.10.2.METH140	Conforms	Conforms
Appearance	NA	NA	Colorless solid

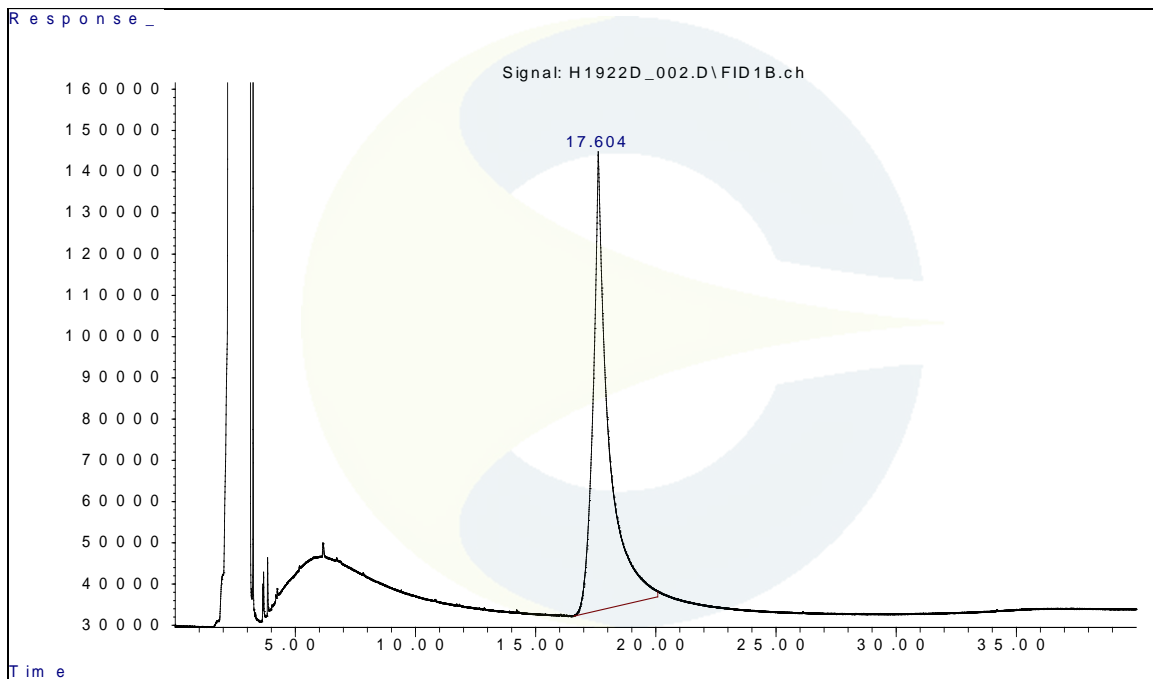
STORAGE CONDITIONS

STORAGE	+4 °C in a dry place.
EXPIRATION DATE	08/2027 under the above conditions.

This document is the property of ChromaDex, Inc. and/or its relevant affiliates and contains confidential and proprietary material for the sole use of the intended recipient(s). Any review, use, distribution or disclosure by or to others is strictly prohibited.

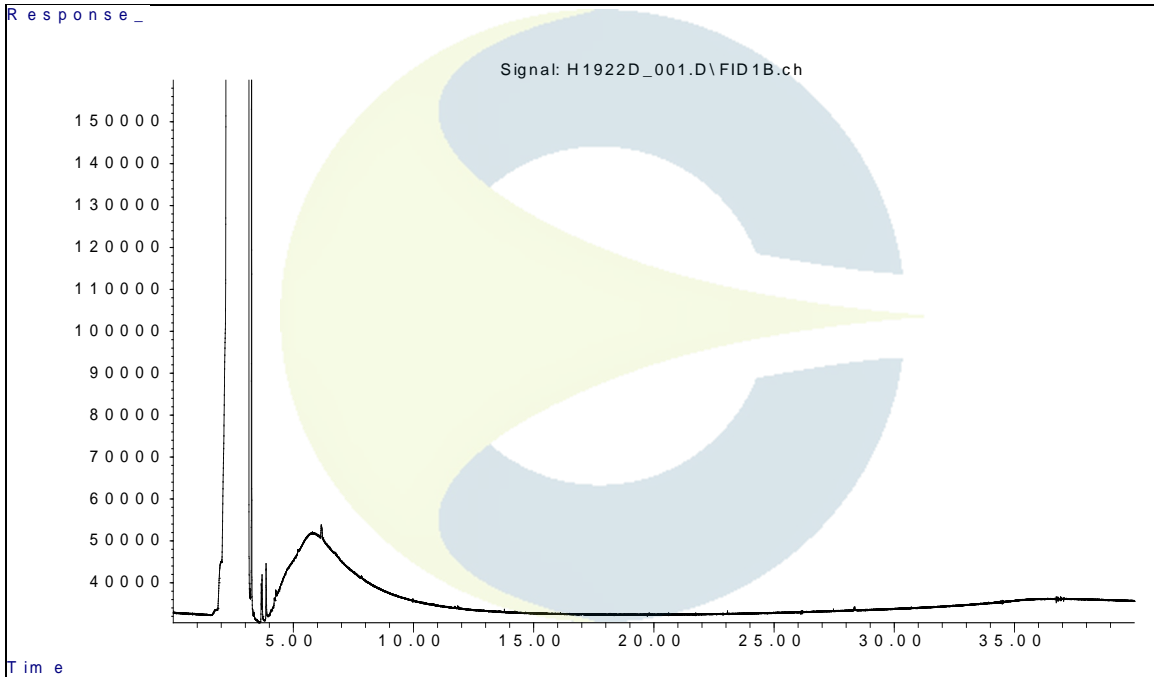
ANALYTICAL CONDITIONS

INSTRUMENT	AGILENT 7890B WITH FLAME IONIZATION DETECTOR (FID) AND AGILENT 5977B MASS SELECTIVE DETECTOR (MSD)
COLUMN	Phenomenex Zebron ZB-5plus, 30 m x 0.32 mm x 0.25 µm
CARRIER GAS	Helium
COLUMN TEMP.	Isothermic 40 °C for 5.0 minutes, then increasing at 10.0 °C/minute to 340 °C. Hold at 340 °C for 5.0 minutes.
FLOW RATE	2.0 mL/minute
INJECTOR TEMP.	300 °C
INJECTOR SPLIT RATIO	20:1
INJECTION VOL.	1.0 µL
INJECTION CONC.	4.4 mg/mL in (1:1) Chloroform : n-Hexane
DETECTION	FID (300 °C) & MSD (Transfer line 280 °C, Source 230 °C, Quad 150 °C)

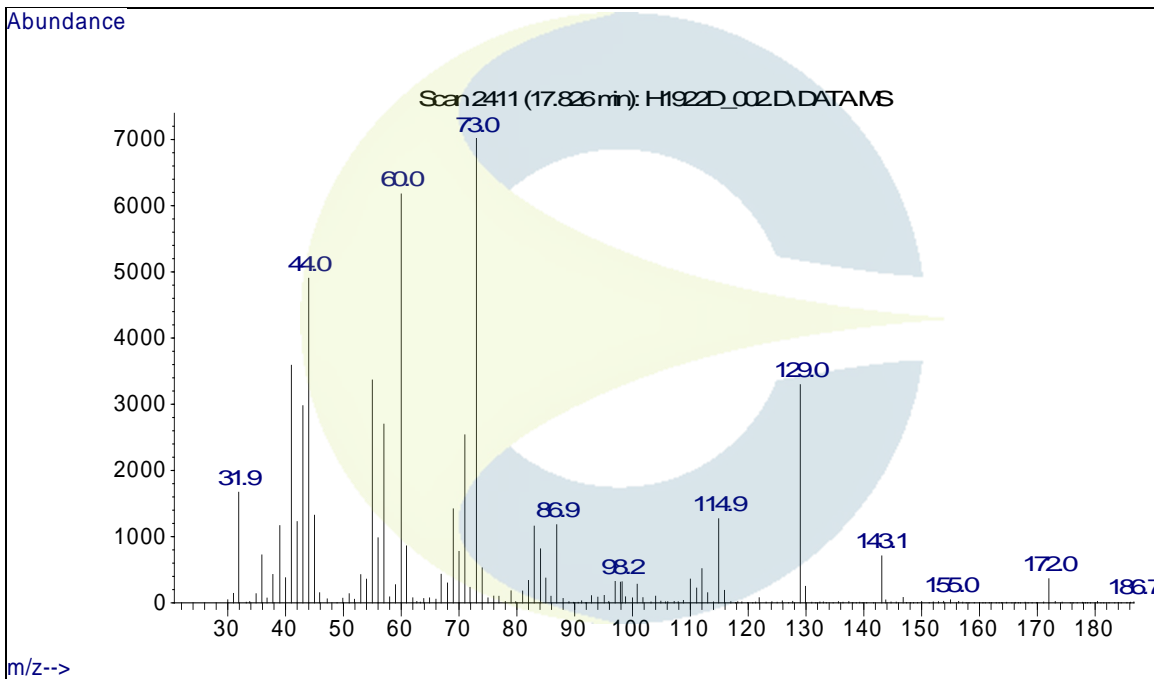
GC CHROMATOGRAM OF CAPRIC ACID (CDXA-14-0773)


This document is the property of ChromaDex, Inc. and/or its relevant affiliates and contains confidential and proprietary material for the sole use of the intended recipient(s). Any review, use, distribution or disclosure by or to others is strictly prohibited.

GC CHROMATOGRAM OF DILUENT BLANK



MASS SPECTRUM OF CAPRIC ACID (CDXA-14-0773)



This document is the property of ChromaDex, Inc. and/or its relevant affiliates and contains confidential and proprietary material for the sole use of the intended recipient(s). Any review, use, distribution or disclosure by or to others is strictly prohibited.

REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	02/20/2014	New report
01	11/07/2018	Passed first re-evaluation by GC/MS. Updated analytical method, conditions, chromatograms, results, and expiration date. Removed melting point.
02	09/14/2022	Passed second re-evaluation by GC/MS. Updated expiration date, analytical results, analytical conditions, and chromatograms.

This document is the property of ChromaDex, Inc. and/or its relevant affiliates and contains confidential and proprietary material for the sole use of the intended recipient(s). Any review, use, distribution or disclosure by or to others is strictly prohibited.