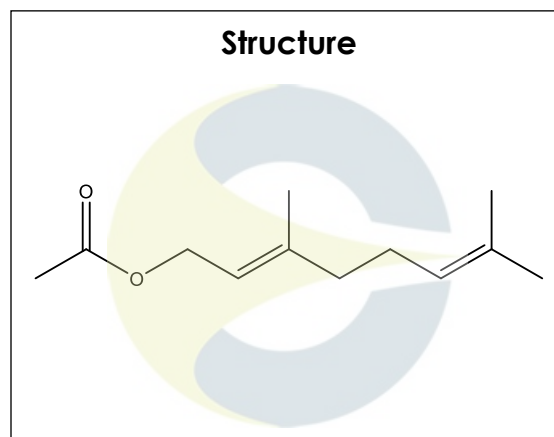


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PRODUCT NAME	Geranyl Acetate
PART NUMBER	00007152
STANDARD TYPE	Analytical Standard (AS)
LOT NUMBER	00007152-719
REPORT NUMBER	CDXA-RSS-9647-00
SAMPLE NUMBER	CDXP-22-00052
DATE OF SAMPLE	01/20/2022
DATE OF REPORT	02/07/2022



CHEMICAL NAMES	2,6-Octadien-1-ol, 3,7-dimethyl-, 1-acetate, (2E)- (ACI)
CHEMICAL FORMULA	C ₁₂ H ₂₀ O ₂
MOLECULAR WEIGHT (MW)	196.29
CHEMICAL FAMILY	Essential Oils
CAS NUMBER	[105-87-3]
EC#(EINECS)	203-341-5
RTECS	RG5920000

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
GC	0.700.10.2.METH140	≥ 75%	98.9%
Mass Spectrum	0.700.10.2.METH140	Conforms	Conforms
Appearance	NA	NA	Oil

STORAGE CONDITIONS

STORAGE	+4 °C in a dry place.
EXPIRATION DATE	01/2027 under the above conditions.

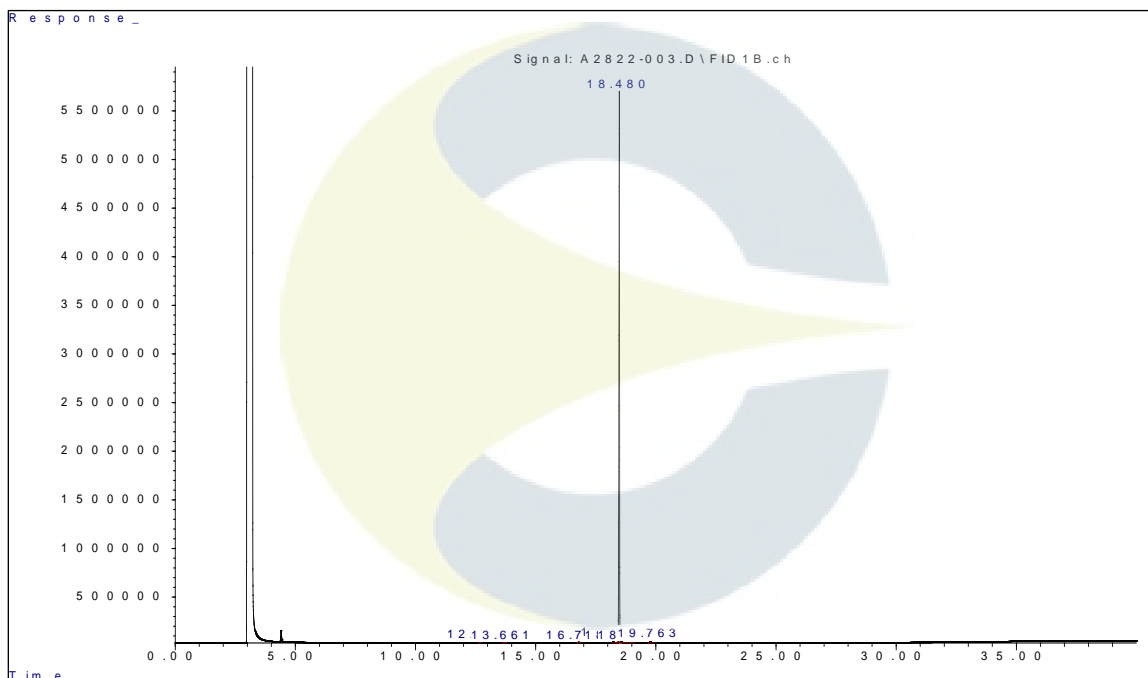
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ANALYTICAL CONDITIONS

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.	2.0 mg/mL in Methanol
DETECTION	FID (300 °C) & MSD (Transfer line 280 °C, Source 230 °C, Quad 150 °C)

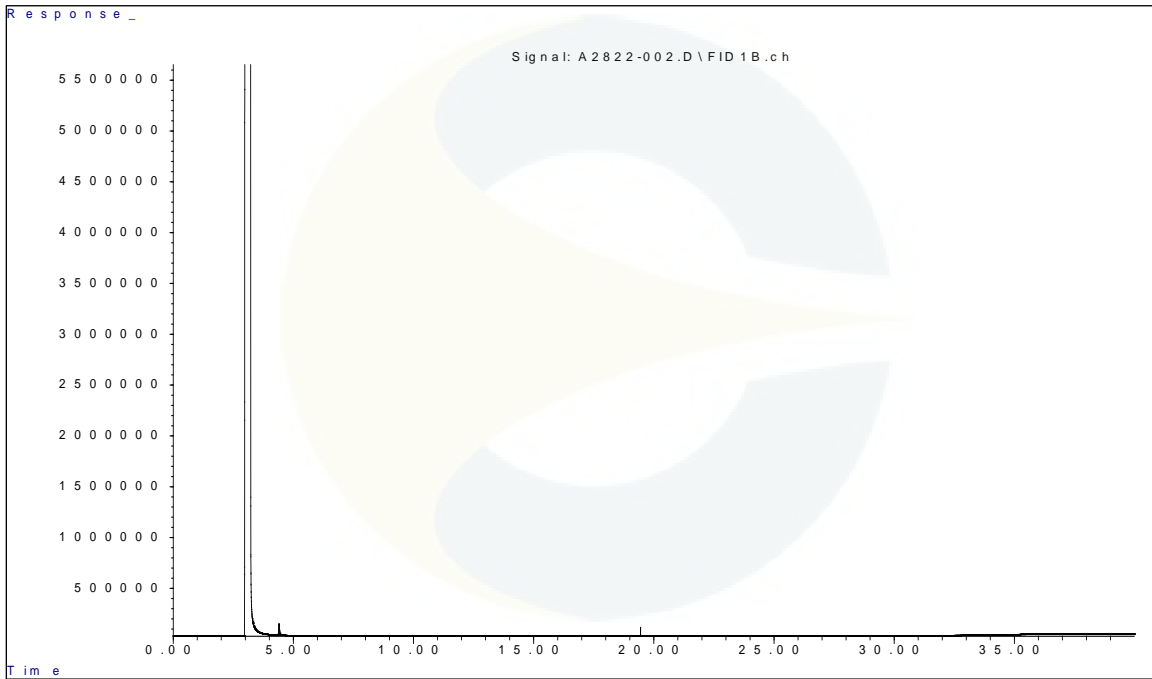
GC CHROMATOGRAM OF GERANYL ACETATE (CDXP-22-00052)


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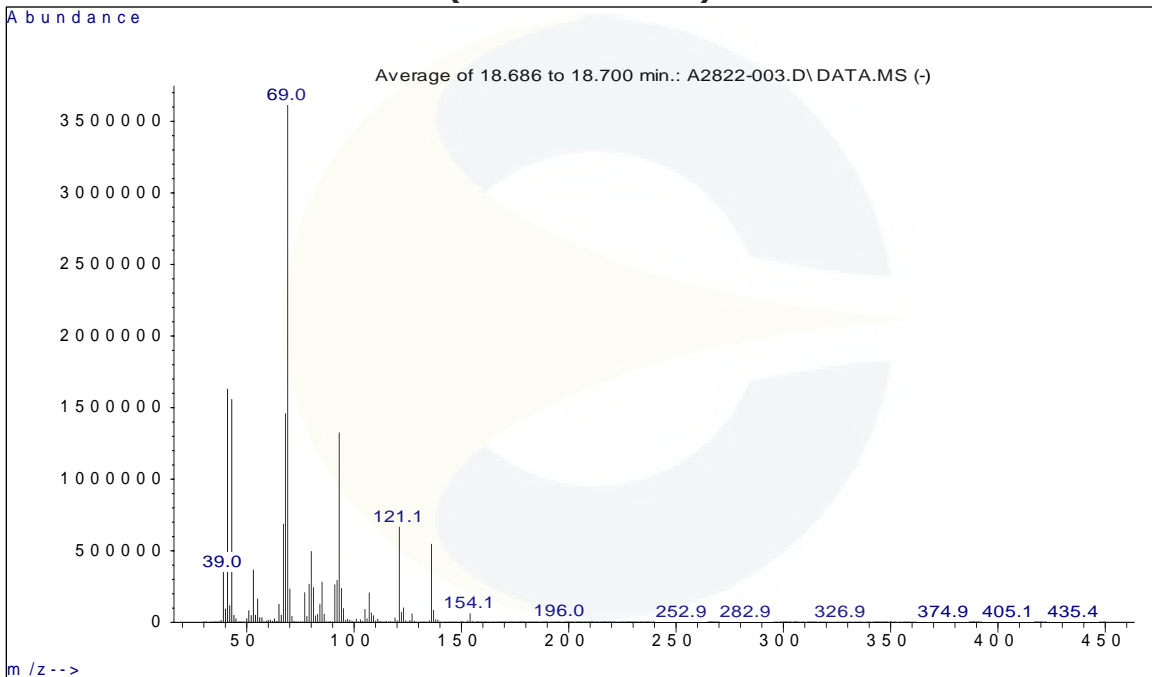
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GC CHROMATOGRAM OF DILUENT BLANK



MASS SPECTRUM OF GERANYL ACETATE (CDXP-22-00052)



REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	02/07/2022	New report

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