

Chemical Information:

Name: Citronellol
CAS No.: 106-22-9
Tox21_ID No.: Tox21_202119
NTP_CID No.: 545

Supplier: Sigma-Aldrich
Lot No.: 09603CC
MW: 156.27 g/mol

Date of Analysis: 14 August 2007

Purity and Identity Results:

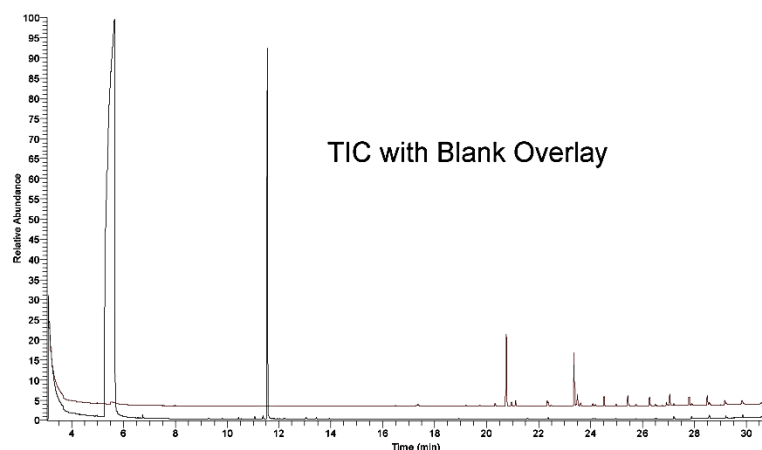
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.66	Not applicable
unknown	11.06	0.63
unknown	11.39	0.82
Citronellol	11.55	96.88
unknown	13.43	0.54

^a Peaks comprising $\geq 0.5\%$ of total area.

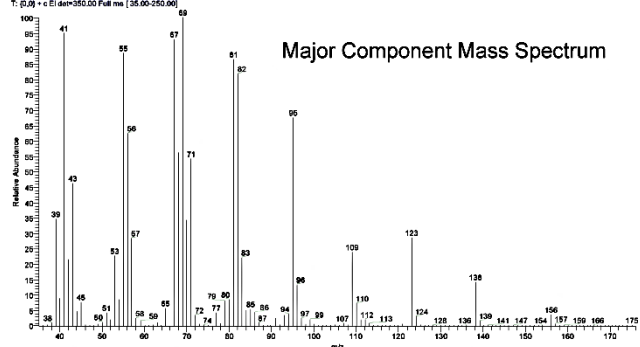
GC/MS Instrument Parameters:

Instrument / Ionization	ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- μ m film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	35 – 250 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μ L / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

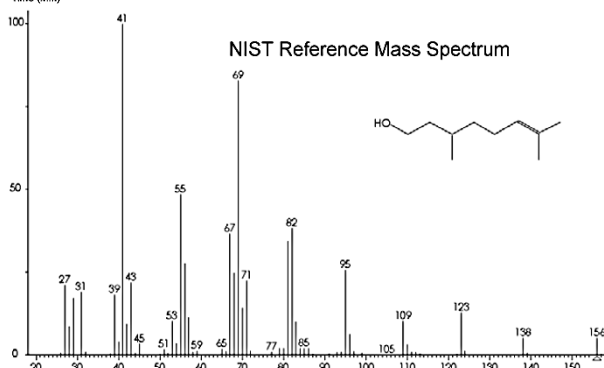
RT: 3.05 - 31.47 SM: 3G



07/14/19#2237 RT: 11.54 AU: 1 NL: 3.71E8
T: (0.0) v: 0.01 det: 350.00 Full res [35.00-250.00]



Major Component Mass Spectrum



NIST Reference Mass Spectrum

