

Chemical Information:

Name: 4-Nonanol, 2,6,8-trimethyl-
 CAS No.: 123-17-1 Supplier: TCI America
 Tox21_ID No.: Tox21_202434 Lot No.: KXL2E
 NTP_CID No.: 3599 MW: 186.34 g/mol

Date of Analysis: 18 July 2016

Purity and Identity Results:

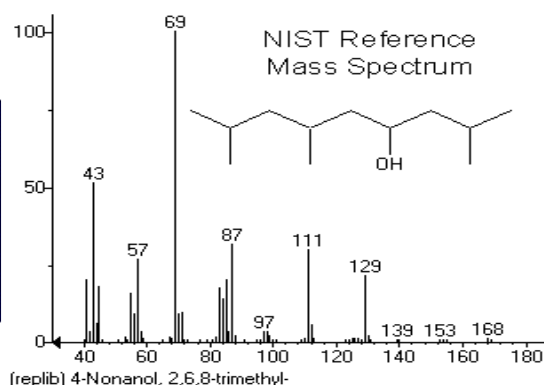
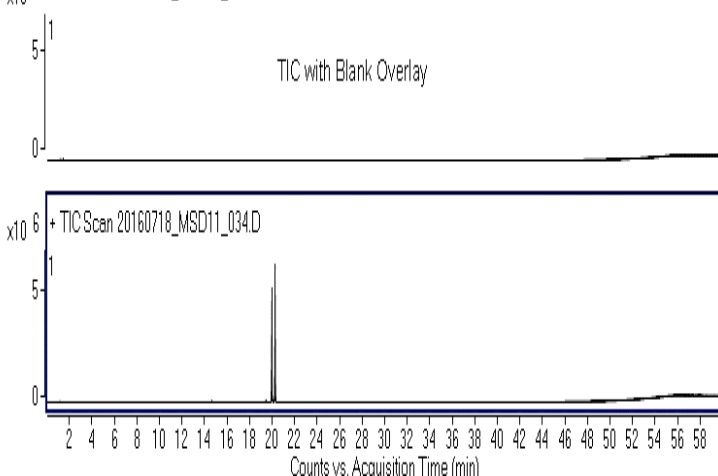
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Unknown	19.46	0.88
4-Nonanol, 2,6,8-trimethyl-	19.99	43.05
4-Nonanol, 2,6,8-trimethyl-	20.25	53.86

^a Peaks comprising ≥ 0.5% of total area.

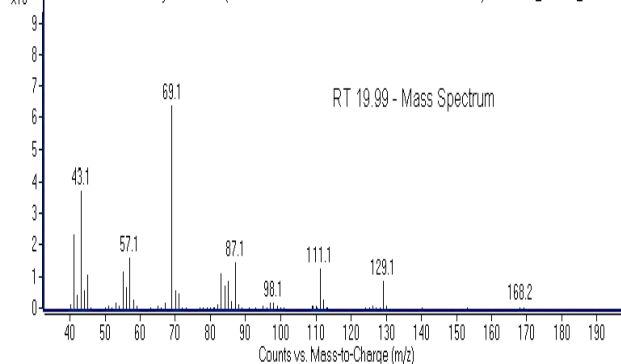
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Methanol
Column	Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1-μm film thickness
Carrier Gas	Helium at 2.0 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 475 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μL / Split (5:1)
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / MassHunter Qualitative Analysis B.07.00 Build 7.0.7024.0 / NIST Library Version 2.2 Build 2014

x10⁶ + TICScan 20160718_MSD11_007.D



x10⁵ 4-Nonanol, 2,6,8-trimethyl-: Scan (rt: 19.946, 19.956, 19.961 ... min, 17 scans) 20160718_MSD11_034.D...



x10⁵ 4-Nonanol, 2,6,8-trimethyl-: Scan (rt: 20.212, 20.217, 20.222, 20.227 ... min, 17 scans) 20160718_MSD11_034.D...

