

Chemical Information:

Name: 2-Ethylhexanol
CAS No.: 104-76-7
Tox21_ID No.: Tox21_202071
NTP_CID No.: 242

Supplier: Sigma-Aldrich
Lot No.: 13605PC
MW: 130.23 g/mol

Date of Analysis: 30 August 2007

Purity and Identity Results:

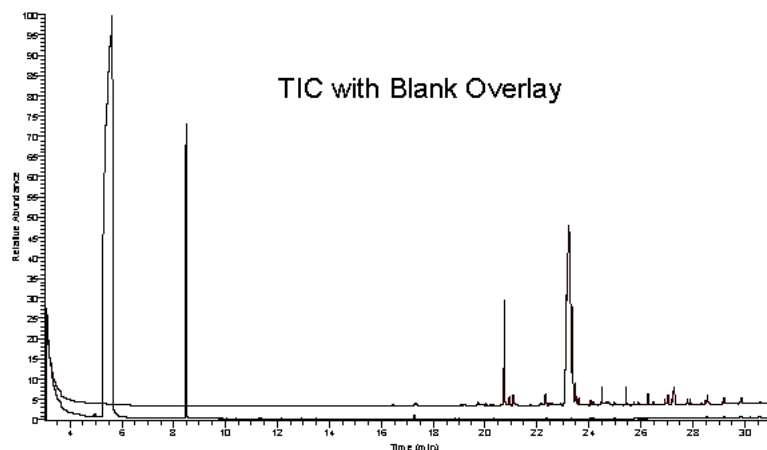
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.64	Not applicable
2-Ethylhexanol	8.48	99.69

^a Peaks comprising ≥ 0.5% of total area.

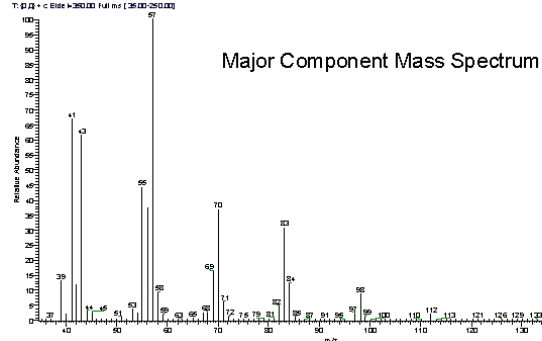
GC/MS Instrument Parameters:

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-μm 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 μL / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

R.T: 3.05 - 31.50 SM: 30



07/30/07 11:41:20 R.T: 8.48 A.C: 1 S.S: 2 S.A: 2.855 N.L: 3.8665
T: 31.2 C: 300.00 F: 1.00 (30.00-30.00)



NIST Reference
Mass Spectrum

