

Chemical Information:

Name: 2-Ethylhexyl acrylate
CAS No.: 103-11-7
Tox21_ID No.: Tox21_202053
NTP_CID No.: 245

Supplier: Sigma-Aldrich
Lot No.: 05822PC
MW: 184.28 g/mol

Date of Analysis: 21 August 2007

Purity and Identity Results:

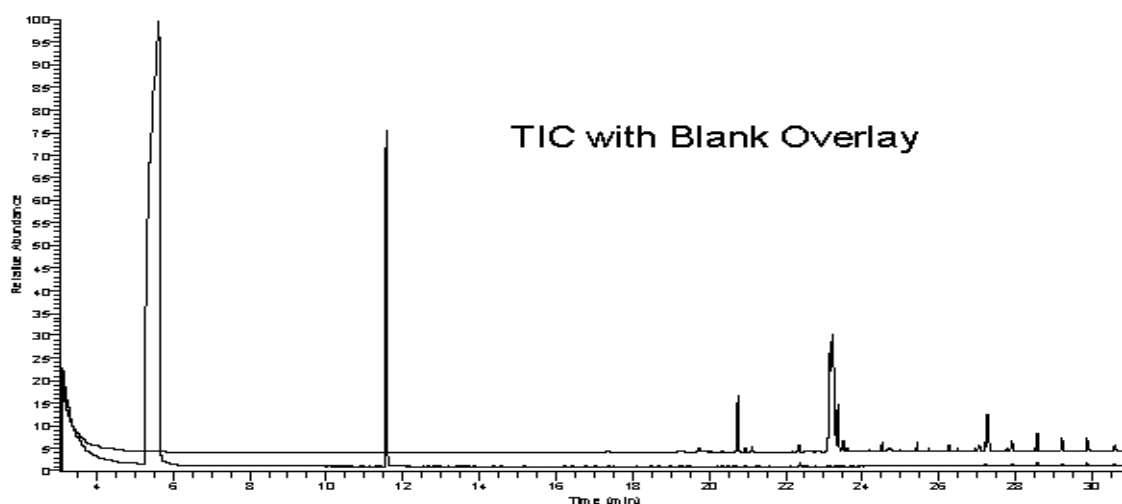
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.63	Not applicable
3-Pentenitrile	1.58	99.69

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

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / 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	25 – 200 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μ L / Splitless
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 3.05-31.49 SM: 30



07/21/07 #1027 RT: 11.56 AC: 1 SR: 2 11.53, 11.61 KL: 0.006
T: 0.02 + 0.020 0.020 0.020 0.020

