

Chemical Information:

Name: 1,2-Benzenedicarboxylic acid, didecyl ester Date of Analysis: 06 March 2015
CAS No.: 84-77-5 Supplier: Acros Organics
Tox21_ID No.: Tox21_200427 Lot No.: A017618101
NTP_CID No.: 2556 MW: 446.66 g/mol

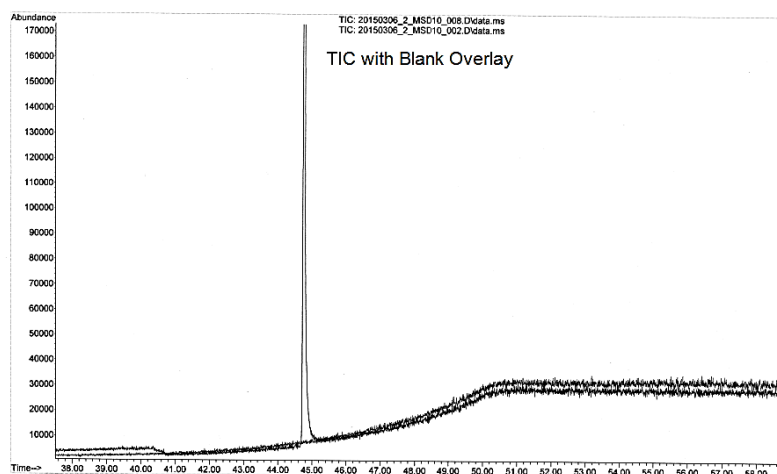
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
1,2-Benzenedicarboxylic acid, didecyl ester	44.76	100

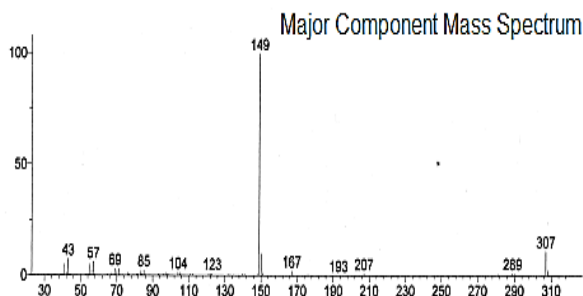
^a Peaks comprising $\geq 0.5\%$ of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Ethanol
Column	J&W DB-1, 30 m x 0.25 mm ID, 0.25- μ m film thickness
Carrier Gas	Helium at 1.5 mL/min
Oven Program	50°C, hold 0 min; ramp @ 5°C/min to 300°C, hold 10 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Splitless
Run Time	60.0 minutes
Data Analysis Software	MSD ChemStation, ver D.03.00.611, NIST Library ver 2.0d, build Dec 2005



Unknown: Scan 8269 (44.756 min): 20150306_2_MSD10_008.D\data.ms
Compound In Library Factor = -134



Hit 1: Didecyl phthalate
C₂₈H₄₆O₄; MF: 906; RMF: 916; Prob: 26.3%; CAS: 84-77-5; Lib: reptit; ID: 19771.

