

Chemical Information:

Name: Decanamide, N,N-dimethyl- Date of Analysis: 26 May 2015
CAS No.: 14433-76-2 Supplier: Acros Organics
Tox21_ID No.: Tox21_200063 Lot No.: P08407
NTP_CID No.: 3075 MW: 199.333 g/mol

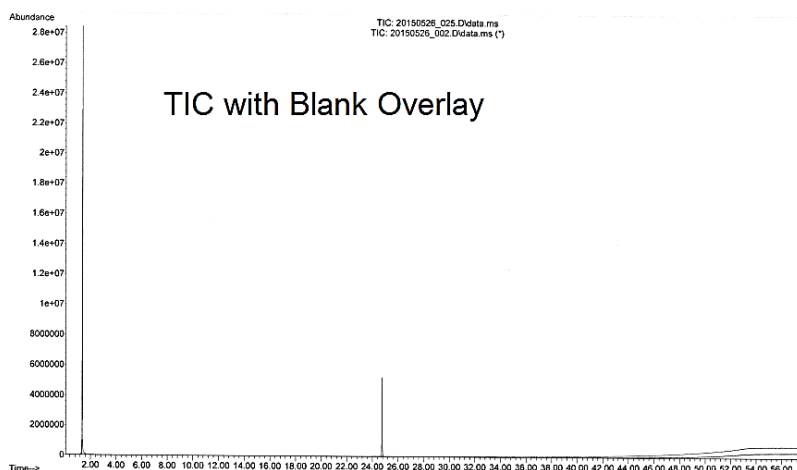
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Decanamide, N,N-dimethyl-	24.75	100.00

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

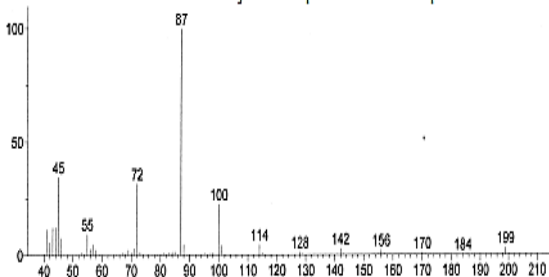
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone
Column	Rxi-5Sil MS, 30 m x 0.25 mm ID, 0.50- 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 – 600 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Splitless
Run Time	58.0 minutes
Data Analysis Software	MSD ChemStation, ver D.03.00.611, NIST Library ver 2.0d, build Dec 2005



Unknown: Scan 3879 (24.766 min): 20150526_025.D\data.ms (-3931)
Compound in Library Factor = 180

Major Component Mass Spectrum



Hit 1: N,N-Dimethyldecanamide
C12H25NO, MF: 932; RMF: 932; Prob 73.7%; CAS: 14433-76-2; Lib: mainlib; ID: 57217.

NIST Reference Mass Spectrum

