

### Chemical Information:

Name: p-n-Octyloxybenzoic acid  
CAS No.: 2493-84-7 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_200904 Lot No.: 20422CA  
NTP\_CID No.: 1214 MW: 250.33 g/mol

Date of Analysis: 24 February 2009

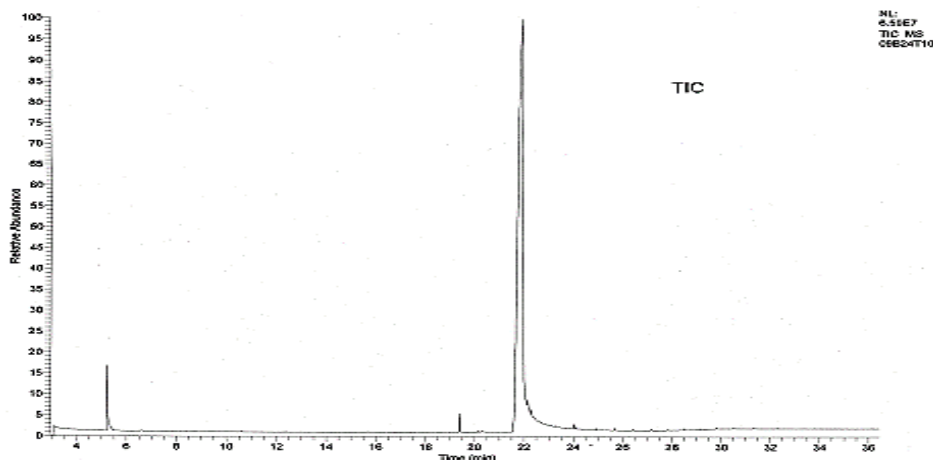
### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
Acetone	5.25	Not applicable
unknown	19.40	0.56
p-n-Octyloxybenzoic acid	21.95	98.67

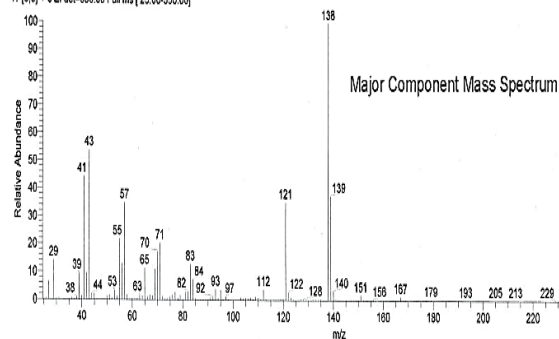
<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

### GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone (~ 1 mg/mL)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- $\mu$ 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 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	1 $\mu$ L / Split (10:1)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008



0862410 #2236 RT: 21.94 AU: 1 SB: 2 21.50, 22.13 NL: 9.5765  
T: (0.0) + c El det#350.00 Full ms [25.00-350.00]



### NIST Reference Mass Spectrum

