

# Chemical Information:

Name: Hexachlorocyclopentadiene  
CAS No.: 77-47-4  
Tox21\_ID No.: Tox21\_202279  
NTP\_CID No.: 847

Date of Analysis: 13 March 2009

Supplier: Acros Organics  
Lot No.: 2291-1  
MW: 272.77 g/mol

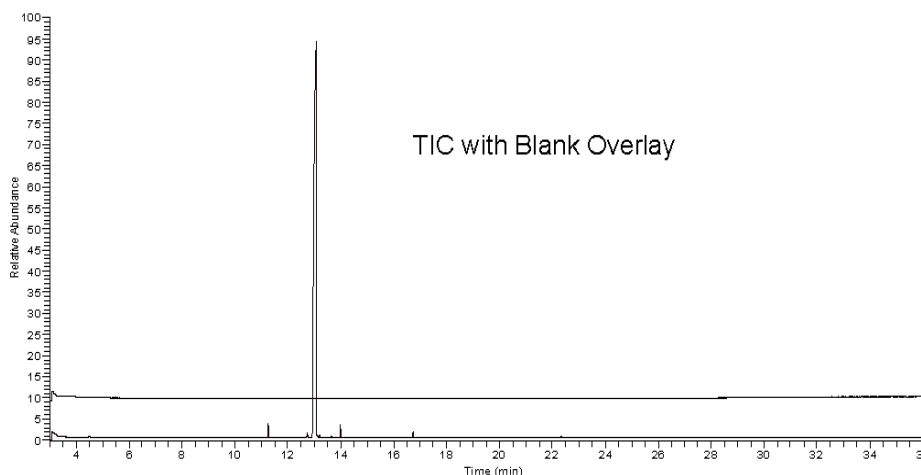
## Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
unknown	4.48	0.51
unknown	11.26	0.95
Hexachlorocyclopentadiene	13.08	96.35
unknown	13.99	0.76

<sup>a</sup> Peaks comprising ≥ 0.5% of total area.

## GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane (~ 1 mg/mL)
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 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μL / Splitless
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008



03/13/09 #1162 RT: 12.04 AU: 1 SB: 2 12.01, 12.10 NL: 1.00E6  
T: (0.0) + 1.61E6 (250.00 Full MS) (25.00 25.00)

