

### Chemical Information:

Name: 2,6-Octadien-1-ol, 3,7-dimethyl-, (2E) Date of Analysis: 19 June 2009  
CAS No.: 106-24-1 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_202386 Lot No.: 08107HC  
NTP\_CID No.: 2630 MW: 154.25 g/mol

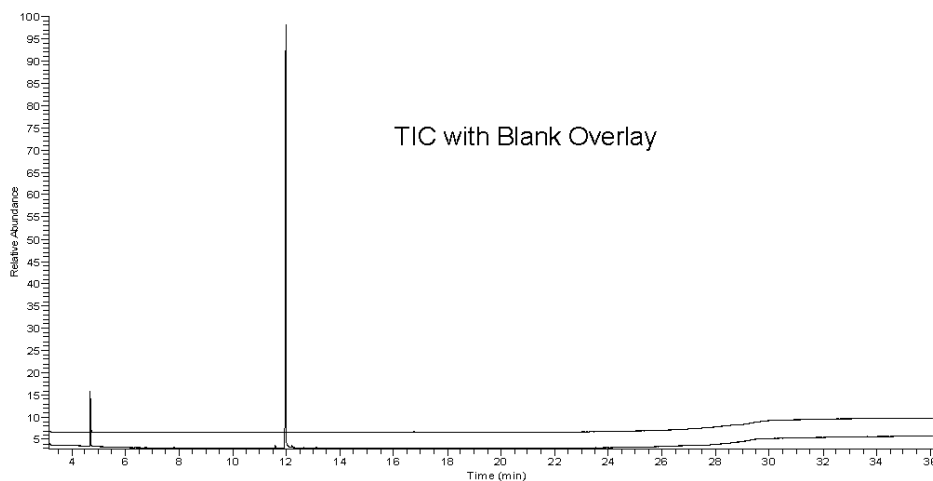
### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
unknown	11.59	0.50
2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)	11.97	99.09

<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	Ether (~ 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 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 $\mu$ L / Split (100:1)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008



00F15713-0408 RT: 11.94 ABF: 1 BP: 28.11.76-11.87.12.29-12.43 HL: 2.9088  
T: (3.0) x 4.0 (ap=255.00 Full ms) [25.00-500.00]

