

Chemical Information:

Name: Tetrachlorodiphenylethane
CAS No.: 72-54-8 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_201296 Lot No.: 13725HO
NTP_CID No.: 1257 MW: 320.04 g/mol

Date of Analysis: 07 February 2008

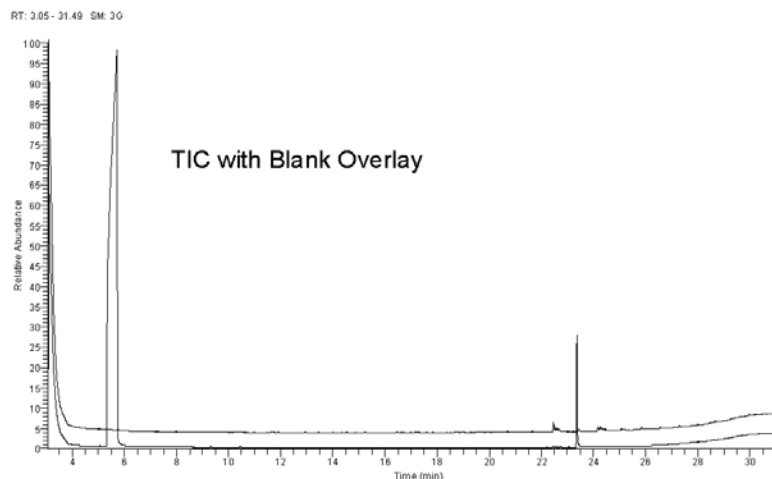
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.73	Not applicable
unknown	22.73	1.09
Tetrachlorodiphenylethane	23.35	97.51

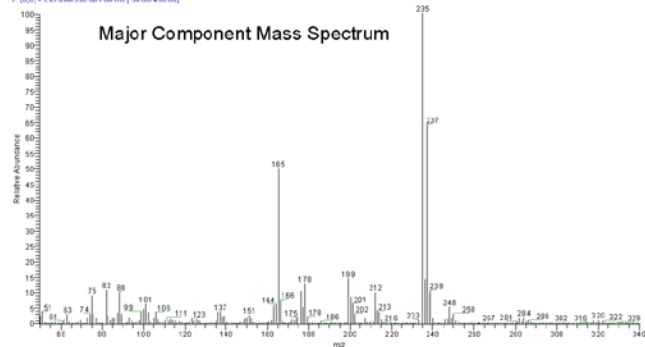
^a Peaks comprising $\geq 0.5\%$ of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph / Mass Spectrometer / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- μ 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 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	35 – 450 amu
Injector Temperature	250°C
Injection Volume / Mode	2 μ L / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999



086076 4 #2443 RT: 23.34 AU: 1 NL: 5.5655
T: (0.0) + c: 61 dms: 950.00 Full res: [68.00, 450.00]



NIST Reference Mass Spectrum

