

Chemical Information:

Name: Heptachlor
CAS No.: 76-44-8
Tox21_ID No.: Tox21_201911
NTP_CID No.: 845

Supplier: Radian International
Lot No.: 32455-05
MW: 373.32 g/mol

Date of Analysis: 21 September 2007

Purity and Identity Results:

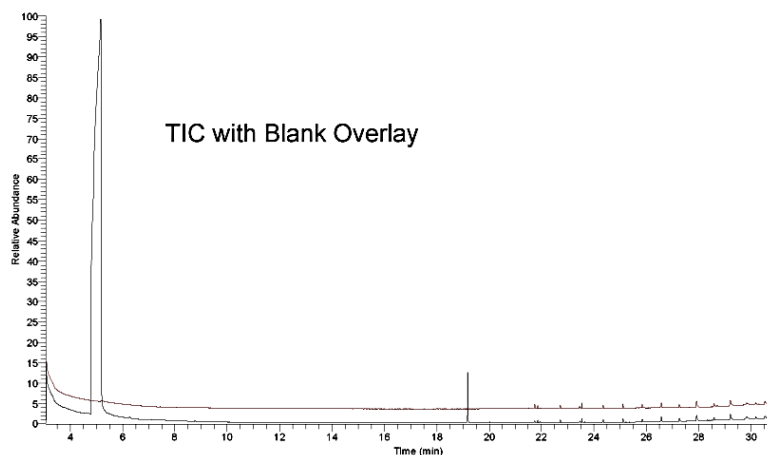
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a	Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
DMSO	5.18	Not applicable	unknown	20.35	0.89
unknown	16.19	0.61	unknown	22.15	0.91
unknown	18.36	0.77	unknown	23.82	0.68
Heptachlor	19.19	95.72			

^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

RT: 3.05 - 31.50 SM: 3G



07/21/08 #1941 RT: 19.18 AU: 1 NL: 6 RTES
T: 10.01 v: c EI det: 350.00 Full ms [35.00-450.00]

