

Chemical Information:

Name: Acetylsalicylic acid

Date of Analysis: 03 February 2010

CAS No.: 50-78-2

Supplier: Sigma-Aldrich

Tox21_ID No.: Tox21_202117

Lot No.: 048K0015

NTP_CID No.: 446

MW: 180.16 g/mol

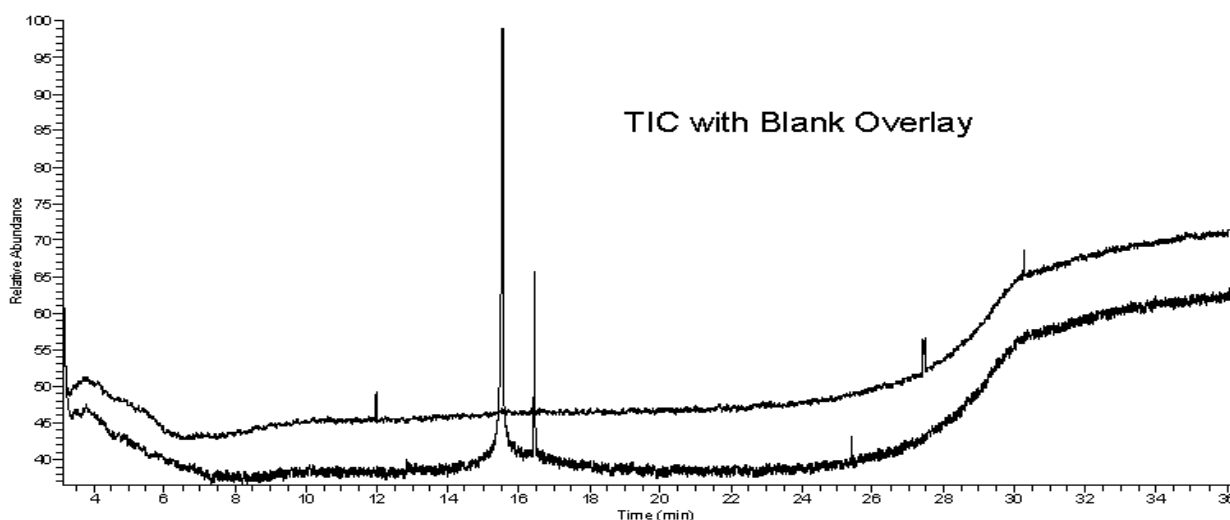
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Acetylsalicylic acid	15.57	88.63
unknown	16.47	11.37

^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane
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	200°C
Auxiliary Temperature	200°C
Scan Range	25 – 500 amu
Injector Temperature	200°C
Injection Volume / Mode	1 μL / Split (100:1)
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0f, build 10/08/2008



10/03/2010 14:55 RT: 15.57 AL: 1 SB: 35 1429-15.05, 16.11-16.24 HL: 4.96E5
T: (0.0) + c: Elute+350.00 Full ms [25.00-500.00]

