

Chemical Information:

Name: Tamoxifen

Date of Analysis: 18 July 2016

CAS No.: 10540-29-1

Supplier: Sigma Aldrich

Tox21_ID No.: Tox21_201243

Lot No.: 048K1239

NTP_CID No.: 5056

MW: 371.51 g/mol

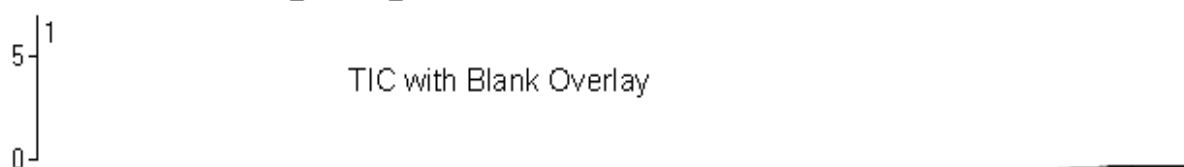
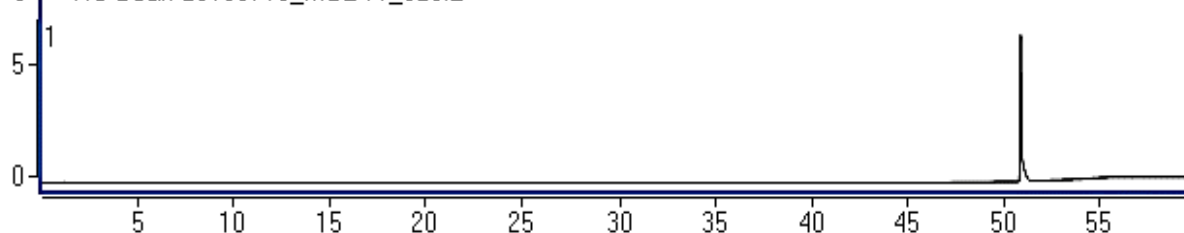
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Tamoxifen	50.85	100.00

^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Methanol
Column	Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1-μm film thickness
Carrier Gas	Helium at 2.0 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 475 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μL / Split (5:1)
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / MassHunter Qualitative Analysis B.07.00 Build 7.0.7024.0 / NIST Library Version 2.2 Build 2014

x10⁶ + TIC Scan 20160718_MSD11_007.D

x10⁶ + TIC Scan 20160718_MSD11_028.D

x10⁶ Tamoxifen: + Scan (rt: 50.806, 50.811, 50.817, 50.822 ... min, 41 scans) 20160718_MSD11_028.D
