

# Chemical Information:

Name: Tripropylene glycol monomethyl ether  
CAS No.: 25498-49-1 Supplier: Sigma-Aldrich  
Tox21\_ID No.: Tox21\_201437 Lot No.: 41098LJ  
NTP\_CID No.: 3729 MW: 206.28 g/mol

Date of Analysis: 29 June 2016

## Purity and Identity Results:

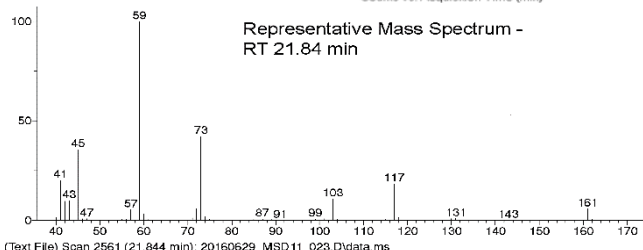
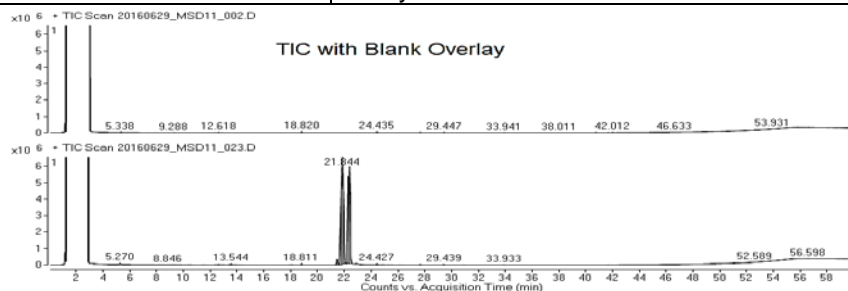
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
unknown	21.46	1.33
Tripropylene glycol monomethyl ether	21.77	14.77
Tripropylene glycol monomethyl ether	21.84	21.12
Tripropylene glycol monomethyl ether	21.90	17.91
Tri(1,2-propyleneglycol), monomethyl ether	22.27	22.88
Tri(1,2-propyleneglycol), monomethyl ether	22.39	21.48

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

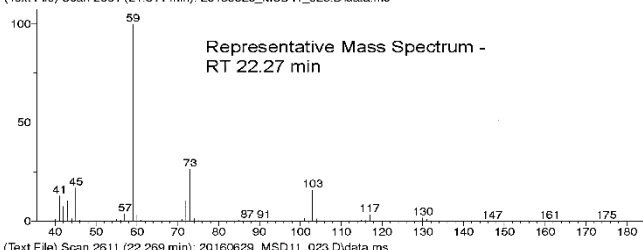
Note: Per CoA, mixture of isomers. Total = 98.16%

## GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Ethanol
Column	Rtx-5 MS, 30 m x 0.25 mm ID, 1- $\mu$ m 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 – 800 amu
Injector Temperature	250°C
Injection Volume / Mode	1 $\mu$ L / Splitless
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



(Text File) Scan 2561 (21.844 min): 20160629\_MSD11\_023.D\data.ms



(Text File) Scan 2611 (22.269 min): 20160629\_MSD11\_023.D\data.ms

