

### Chemical Information:

Name:	2,5-Furandione, dihydro-3-(tetrapropenyl)-	Date of Analysis: 13 August 2015
CAS No.:	26544-38-7	Supplier: Pfaltz and Bauer
Tox21_ID No.:	Tox21_201216	Lot No.: 5015-2
NTP_CID No.:	2460	MW: 266.38 g/mol

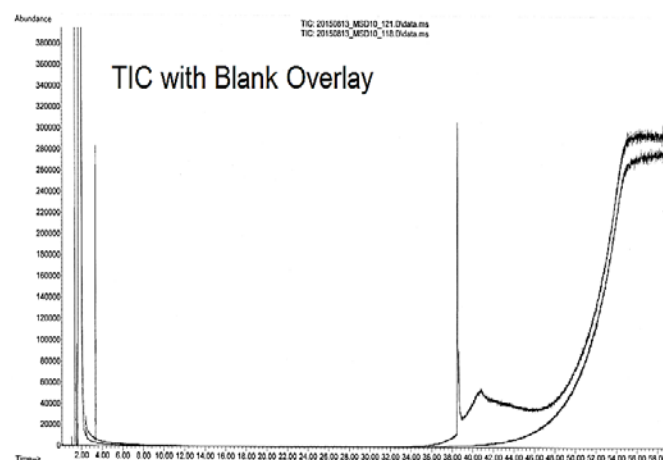
### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
2,5-Furandione, dihydro-3-(tetrapropenyl)-	38.51	67.10
2,5-Furandione, dihydro-3-(tetrapropenyl)-	38.63	32.90

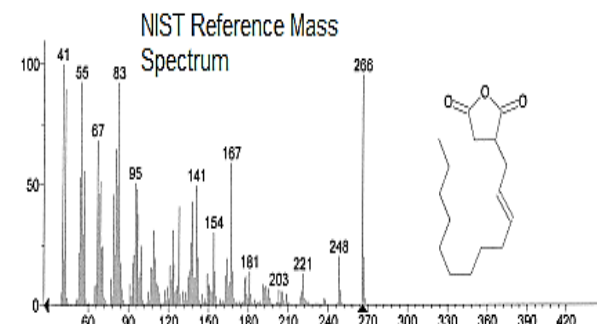
<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

### GC/MS Instrument Parameters:

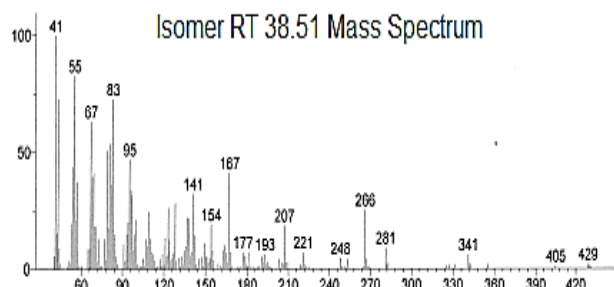
Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane
Column	Rtx-5 MS, 30 m x 0.25 mm ID, 1- $\mu$ m film thickness
Carrier Gas	Helium at 2.0 mL/min
Oven Program	50°C, hold 0 min; ramp @ 5°C/min to 320°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 550 amu
Injector Temperature	250°C
Injection Volume / Mode	1 $\mu$ L / Splitless
Data Analysis Software	MSD ChemStation, ver D.03.00.611, NIST Library ver 2.0d, build Dec 2005



Hit 1: 2,5-Furandione, 3-(2E)-2-dodecenylidihydro-  
C<sub>16</sub>H<sub>26</sub>O<sub>3</sub>; MF: 694; RMF: 800; Prob 47.7%; CAS: 428493-97-4; Lib: mainlib; ID: 4307.



Unknown: Scan 6591 (38.504 min): 20150813\_MSD10\_121.D\data.ms  
Compound in Library Factor = -181



Unknown: Scan 6612 (38.627 min): 20150813\_MSD10\_121.D\data.ms  
Compound in Library Factor = -779

