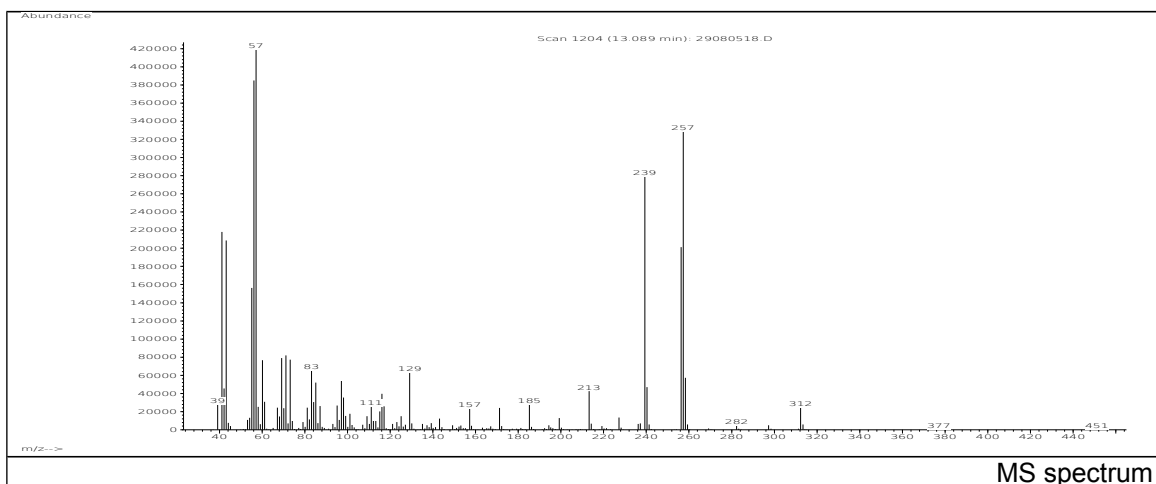
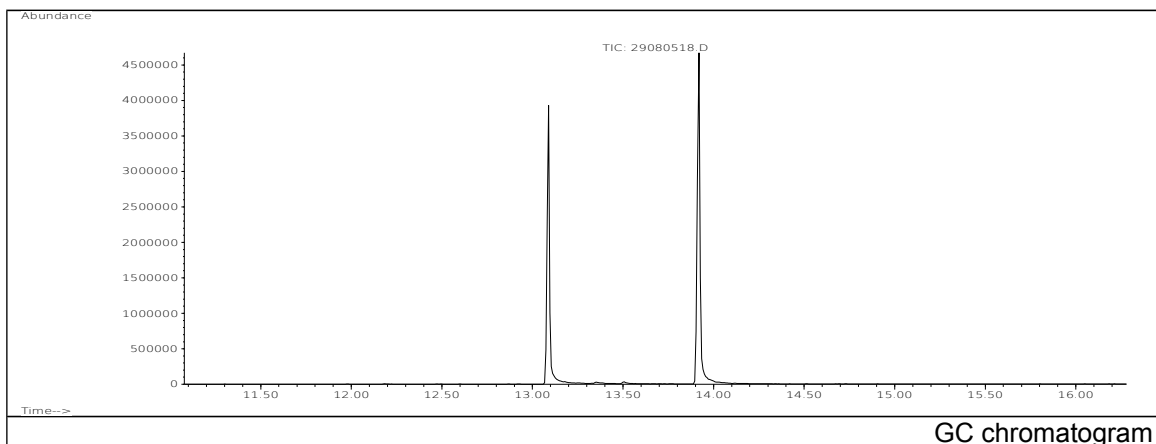


# JRC CRL - FCM Database / GC-MS

Sample Name: Stearic acid, butyl ester  
Solvent: Ethanol  
Concentration: 100 µg/mL

Date: 29/08/2005  
CAS: 000123-95-5  
PM ref: 89120 [U.R.N. A014]

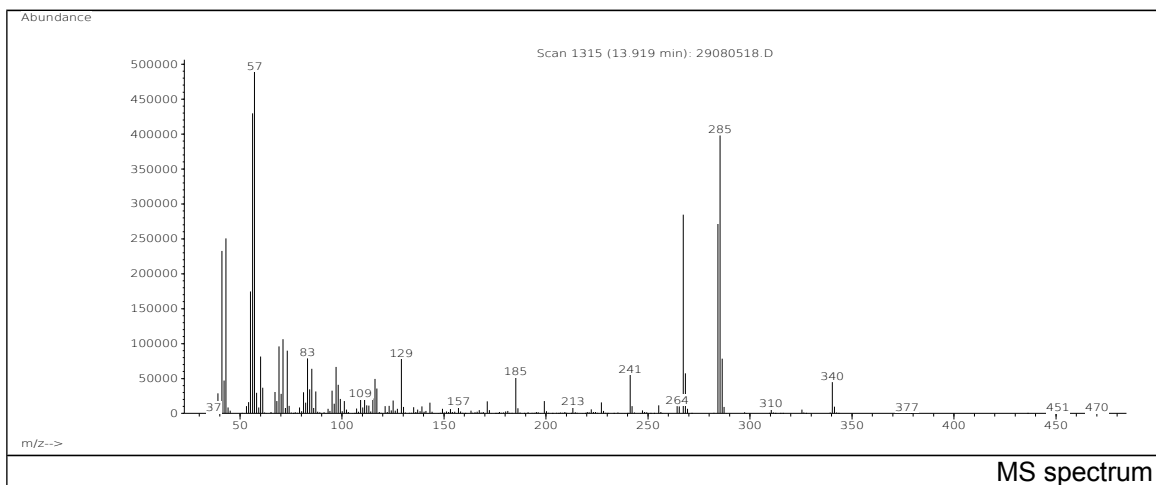


m/z	Abundance	Ion Intensity %	m/z	Abundance	Ion Intensity %
41.10	218048,0	51,08	73.10	77232,0	18,09
43.10	208512,0	48,85	83.10	65040,0	15,24
55.10	156416,0	36,64	129.10	62816,0	14,72
56.10	385024,0	90,19	239.30	278656,0	65,28
57.10	426880,0	100,00	256.30	201280,0	47,15
60.10	76776,0	17,99	257.30	328576,0	76,97
69.10	79040,0	18,52	258.30	57296,0	13,42
71.10	81880,0	19,18			

Spectrometer: HEWLETT PACKARD GC/MS 6890/5973  
Inlet system: capillary GC/MS  
Scan Range: 40-700 amu  
Source temperature: 230 °C

Flow: 1.2 mL/min  
Column: DB 17-HT (30 m x 0.25 mm x 0.15 µm)  
Programme temperature: 40 °C (3 min); 20 °C/min  
(350 °C); 350 °C (20 min)

# JRC CRL - FCM Database / GC-MS



m/z	Abundance	Ion Intensity %	m/z	Abundance	Ion Intensity %
41.10	232576,0	45,94	73.10	90096,0	17,80
43.10	250432,0	49,47	83.10	78680,0	15,54
55.10	174528,0	34,48	129.10	78136,0	15,43
56.10	429824,0	84,91	267.30	284608,0	56,22
57.10	506240,0	100,00	284.30	271296,0	53,59
60.10	81488,0	16,10	285.30	397760,0	78,57
69.10	96056,0	18,97	286.30	78536,0	15,51
71.10	106328,0	21,00			

Spectrometer: HEWLETT PACKARD GC/MS 6890/5973  
 Inlet system: capillary GC/MS  
 Scan Range: 40-700 amu  
 Source temperature: 230 °C

Flow: 1.2 mL/min  
 Column: DB 17-HT (30 m x 0.25 mm x 0.15 µm)  
 Programme temperature: 40 °C (3 min); 20 °C/min  
 (350 °C); 350 °C (20 min)