

Laboratory Test Report

SAMPLE NAME : Fractionated Coconut
CLIENT NAME : Plant Therapy
CLIENT LOT # : CU0130R
APRC LOT# : PT230614A

Column : ZB5 (60 m length × 0.25 mm inner diameter × 0.25 µm film thicknes
Instrument : Shimadzu GCMS-QP2010 Ultra
Carrier gas : Helium 80 psi
Temperature ramp : 2 degrees Celsius per minute up to 260-degree Celsius
Split ratio : 30:1
Sample preparation : 5% w/v solution with Dichloromethane

Interpretation on this sample

The analysis of Fractionated Coconut sample meets the standard chemical profile of MCT Coconut oil.

Analyzed by : Dr Prabodh Satyal
Reviewed by : Ambika Poudel

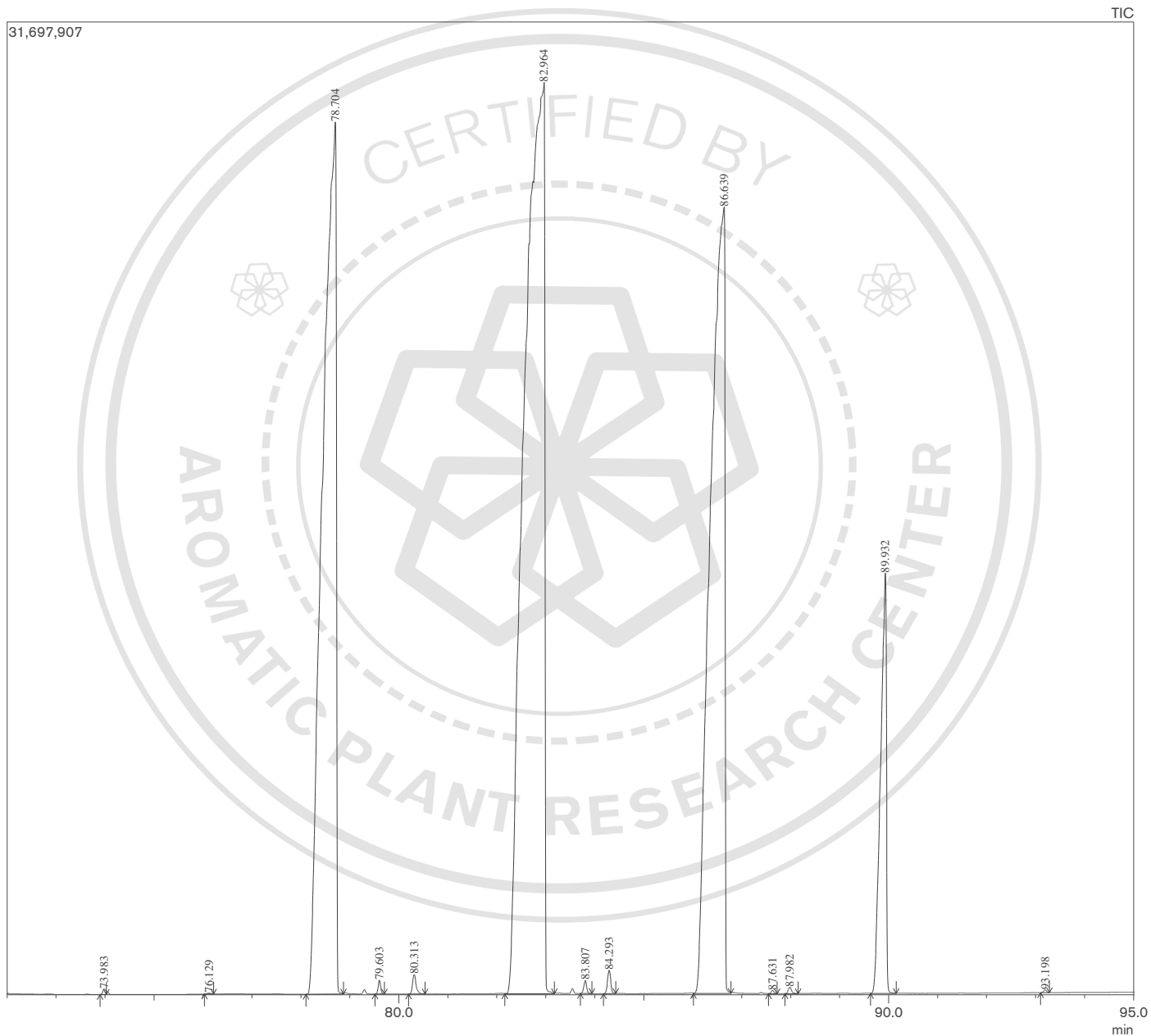
Issued Date : 6/15/2023

GCMS Analysis

Sample Information

Analyzed by : Dr. Prabodh Satyal
Analyzed : 6/15/2023 2:16:42 AM
Sample Type : Oil
Sample Name : Fractionated Coconut
Client Name : Plant Therapy
Client Lot# : CU0130R
APRC Lot# : PT230614A
Injection Volume : 0.30

Chromatogram



Peak Report

Peak#	R.Time	Name	Area%
1	73.983	Ethyl-2-hexanoate triglyceride	0.04
2	76.129	2-(Heptanoyloxy)propane-1,3-diyl dioctanoate	0.01
3	78.704	Tricaprylin Triglyceride	26.69
4	79.603	3-(Benzoyloxy)propane-1,2-diyl dioctanoate	0.08
5	80.313	2-(Nonanoyloxy)propane-1,3-diyl dioctanoate	0.15
6	82.964	Caprin Biscaprylin Triglyceride	41.50
7	83.807	2-(Decanoyloxy)-3-(octanoyloxy)propyl benzoate	0.09
8	84.293	1-(Nonanoyloxy)-3-(octanoyloxy)propan-2-yl decanoate	0.17
9	86.639	Caprylin Biscaprin Triglyceride	25.74
10	87.631	Unidentified	0.02
11	87.982	Coconut triglyceride 1	0.05
12	89.932	Tricaprin Triglyceride	5.46
13	93.198	Coconut triglyceride 2	0.02
			100.00

