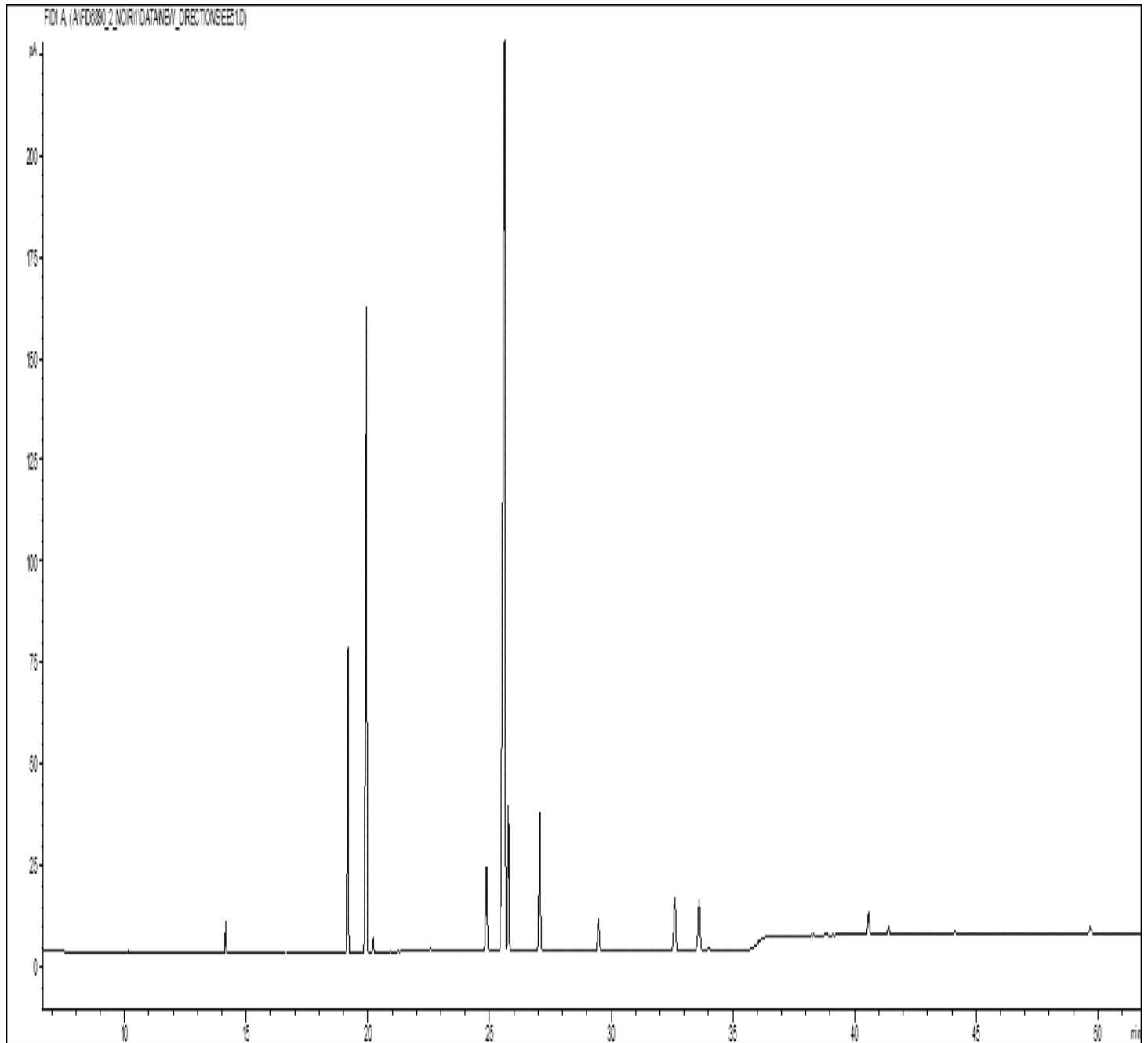


FATTY ACID COMPOSITION BY GC-FID

PRODUCT NAME: MACADAMIA CARRIER OIL - COSMETIC GRADE - REFINED - 15122

DATE: August 31, 2021



*Due to volume turnover, this report is not lot specific, It is representative of the quality of this oil produced by the manufacturer of this product, Specific lots may vary slightly as is the case in natural products,*

FATTY ACID COMPOSITION BY GC-FID

PRODUCT NAME: MACADAMIA CARRIER OIL - COSMETIC GRADE - REFINED - 15122

Peak	RT (min)	Compound name	%
1	10,16	LAURIC ACID C12	0,07
2	14,16	MYRISTIC ACID C14	0,66
3	19,19	<b>PALMITIC ACID C16</b>	<b>7,94</b>
4	19,71	PALMITOLEIC ACID ISOMER	0,03
5	19,94	<b>Z-PALMITOLEIC ACID C16 : 1 v7</b>	<b>19,51</b>
6	20,22	PALMITOLEIC ACID ISOMER	0,02
7	20,22	E-PALMITOLEIC ACID C16 : 1 v7	0,31
8	21,48	PALMITOLEIC ACID ISOMER	0,02
9	21,92	MARGARIC ACID C17 : 0	0,04
10	22,58	8-HEPTADECENOIC ACID C17 : 1	0,11
11	24,87	<b>STEARIC ACID C18 : 0</b>	<b>2,94</b>
12	25,63	<b>OLEIC ACID C18 : 1 v9</b>	<b>52,30</b>
13	25,77	VACCENIC ACID C18 : 1v11	4,02
14	26,15	OCTADECENOIC ACID ISOMER C18 : 1	0,02
15	27,06	<b>LINOLEIC ACID C18 : 2v6</b>	<b>4,43</b>
16	29,47	<b>LINOLENIC ACID C18 : 3v3</b>	<b>1,20</b>
17	32,61	<b>ARACHIDIC ACID C20 : 0</b>	<b>2,42</b>
18	33,61	<b>GADOLEIC ACID C20 : 1 v9</b>	<b>2,37</b>
19	34,02	EICOSENOIC ACID ISOMER C20 : 1	0,16
20	40,58	<b>BEHENIC ACID C22 : 0</b>	<b>0,84</b>
21	41,40	<b>ERUCIC ADIC C22 : 1</b>	<b>0,25</b>
22	49,69	<b>LIGNOCERIC ACID C 24 : 0</b>	<b>0,34</b>
		<b>TOTAL</b>	<b>100,00</b>

GC-FID: Gas Chromatography - Flame Ionization Detector

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