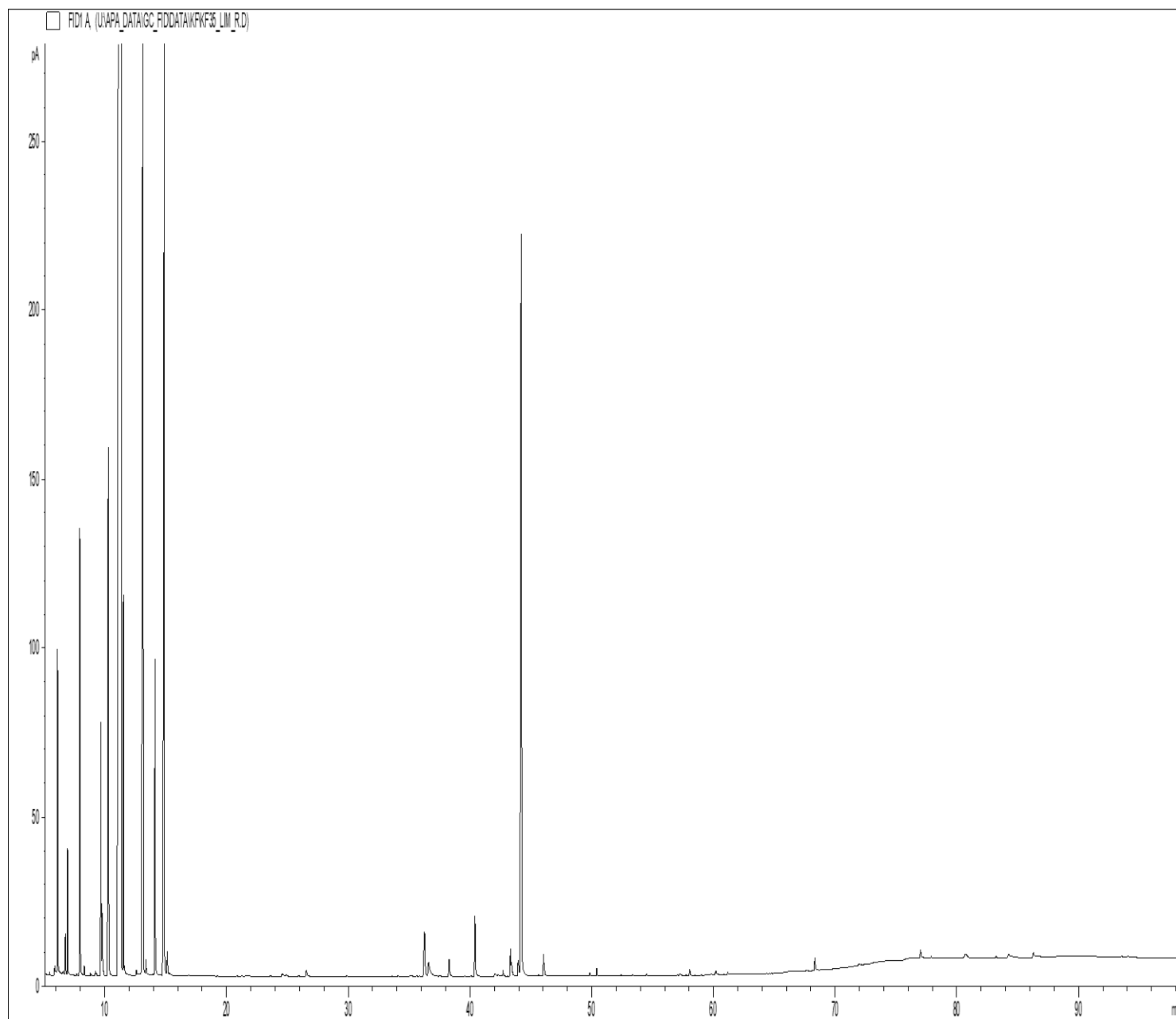


## GCMS ANALYSIS

**PRODUCT NAME: LIME - KEY LIME (NATURAL BLEND) ESSENTIAL OIL - 90025**

**DATE: July 19, 2023**



*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,*

## GCMS ANALYSIS

**PRODUCT NAME: LIME - KEY LIME (NATURAL BLEND) ESSENTIAL OIL - 90025**

Peak	RT (min)	Compound name	%
1	5.46	BORNYLENE	0.01
2	5.88	TRICYCLENE	0.04
3	6.12	alpha-PINENE	1.20
4	6.20	alpha-THUYENE	0.03
5	6.77	alpha-FENCHENE	0.16
6	6.94	CAMPHENE	0.53
7	7.95	beta-PINENE	2.06
8		DEHYDROXYLINALOOL OXIDE A	
9	8.32	SABINENE	0.05
10	8.81	p-MENTH-2-ENE	0.01
11	9.23	delta3-CARENE	0.02
12	9.31	MENTHENE ISOMER	0.02
13	9.68	beta-MYRCENE	1.19
14	9.78	alpha-PHELLANDRENE	0.34
15	9.88	psi-LIMONENE	0.03
16	10.25	1,4-CINEOLE	1.57
17	10.31	alpha-TERPINENE	1.88
18	11.37	<b>LIMONENE</b>	<b>63.10</b>
19	11.54	1,8-CINEOLE	1.56
20		beta-PHELLANDRENE	
21	11.64	TERPENE ISOMER	0.06
22	12.61	cis-beta-OCIMENE	0.03
23	13.16	<b>gamma-TERPINENE</b>	<b>8.06</b>
24	13.39	trans-beta-OCIMENE	0.09
25	14.14	p-CYMENE	1.69
26	14.91	<b>TERPINOLENE</b>	<b>7.60</b>
27	15.15	TERPINOLENE ISOMER	0.17
28	15.36	OCTANAL	0.02
29	21.77	ALLO-OCIMENE	0.01
30	24.58	alpha,p-DIMETHYLSTYRENE	0.05

## GCMS ANALYSIS (cont'd.)

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**PRODUCT NAME: LIME - KEY LIME (NATURAL BLEND) ESSENTIAL OIL - 90025**

Peak	RT (min)	Compound name	%
31	24.92	LINALOOL cis-OXIDE	0.02
32	26.56	4,8-TERPINOLENE EPOXIDE	0.06
33	35.08	ALIPHATIC ALCOHOL	0.02
34	36.26	TERPINENE-1-OL	0.43
35	36.60	FENCHOL	0.26
36	38.28	TERPINENE-4-OL	0.16
37	40.41	cis-beta-TERPINEOL	0.47
38	42.05	ISOBORNEOL	0.04
39	42.32	ESTRAGOL	0.02
40	42.71	delta-TERPINEOL	0.04
41	43.32	ALIPHATIC ALCOHOL	0.17
42	43.41	NERAL	0.13
43	43.96	BORNEOL	0.13
44	44.21	<b>alpha-TERPINEOL</b>	<b>4.86</b>
45	44.25	gamma-TERPINEOL	1.16
46	46.04	GERANIAL	0.19
47	49.84	4-ETHYL-GUAIACOL	0.02
48	50.40	p-CYMENE-8-OL	0.04
49	58.04	TERPENIC COMPOUND	0.03
50	60.20	cis-1,2-DIHYDROXY-p-MENTH-2-ENE	0.03
51	61.17	ALCOHOL COMPOUND	0.01
52	68.33	COMPOUND Mw=280	0.08
53	71.97	AROMATIC COMPOUND	0.03
		<b>TOTAL</b>	<b>99.98</b>

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