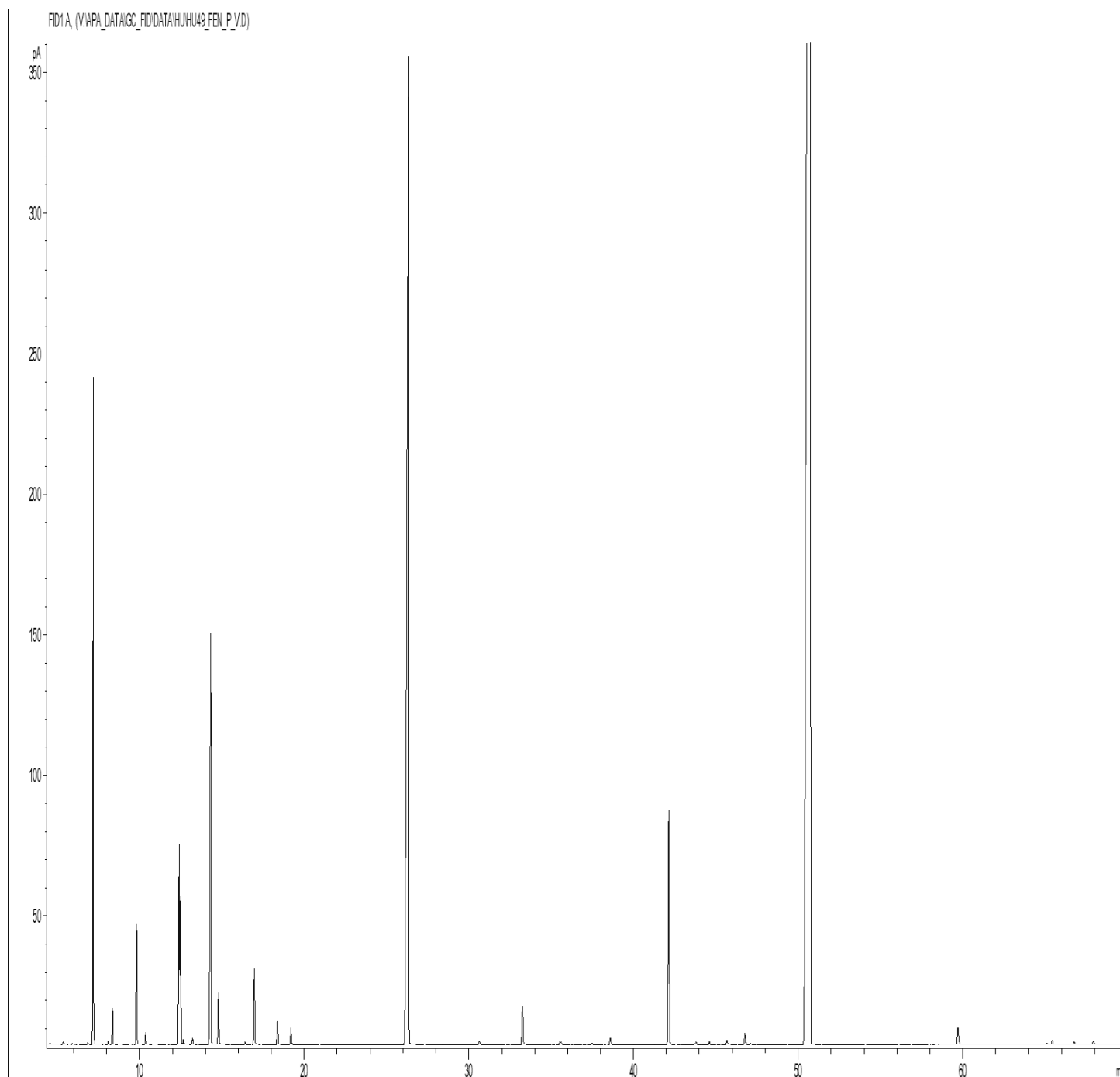


## GCMS ANALYSIS

**PRODUCT NAME: FENNEL SWEET ESSENTIAL OIL – 11054**

**DATE: February 7, 2024**



*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 (cont'd,)

PRODUCT NAME: FENNEL SWEET ESSENTIAL OIL – 11054

Peak	RT (min)	Compound	%
1	5.38	ISOVALERALDEHYDE	0.02
2	6.86	TRICYCLEN	0.01
3	7.18	$\alpha$ -PINENE	3.66
4	7.24	$\alpha$ -THUYENE	0.02
5	8.10	$\alpha$ -FENCHENE	0.02
6	8.35	CAMPHE	0.23
7	9.81	$\beta$ -PINENE	0.89
8	10.37	SABINENE	0.09
9	12.40	$\beta$ -MYRCENE	1.65
10	12.48	$\alpha$ -PHELLANDRENE	1.01
11	12.65	psi-LIMONENE	0.05
12	13.21	$\alpha$ -TERPINENE	0.05
13	14.32	LIMONENE	3.68
14	14.79	1,8-CINEOLE	0.42
15		$\beta$ -PHELLANDRENE	
16	16.41	cis- $\beta$ -OCIMENE	0.02
17	16.98	$\gamma$ -TERPINENE	0.62
18	18.38	p-CYMENE	0.20
19	19.20	TERPINOLENE	0.14
20	26.35	FENCHONE	16.53
21	27.29	TERPENIC ALCOHOL	0.01
22	30.65	trans-THUYANOL	0.04
23	33.27	CAMPHOR	0.37
24	35.53	LINALOOL	0.03
25	35.62	TERPENIC COMPOUND	0.03
26	37.50	FENCHOL	0.02
27	38.60	TERPINENE-4-OL	0.07
28	42.15	ESTRAGOL	2.18
29	43.81	$\alpha$ -TERPINEOL	0.03
30	44.62	GERMACRENE D	0.03

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### GCMS ANALYSIS (cont'd,)

PRODUCT NAME: FENNEL SWEET ESSENTIAL OIL – 11054

Peak	RT (min)	Compound	%
31	45.68	CARVONE	0.05
32	46.78	cis-ANETHOL	0.11
33	47.13	δ-CADINENE	0.02
34	49.32	SABINOL ISOMER	0.01
35	50.74	trans-ANETHOL	67.36
36	59.71	ANISALDEHYDE	0.21
37	65.10	PENTADECANONE, TRIMETHYL-	0.01
38	65.43	ANICETONE	0.05
39	66.77	METHYLISOEUGENOL	0.03
40	67.93	THYMOL	0.04
41	69.94	MYRISTICIN	0.01
		TOTAL	100.00

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