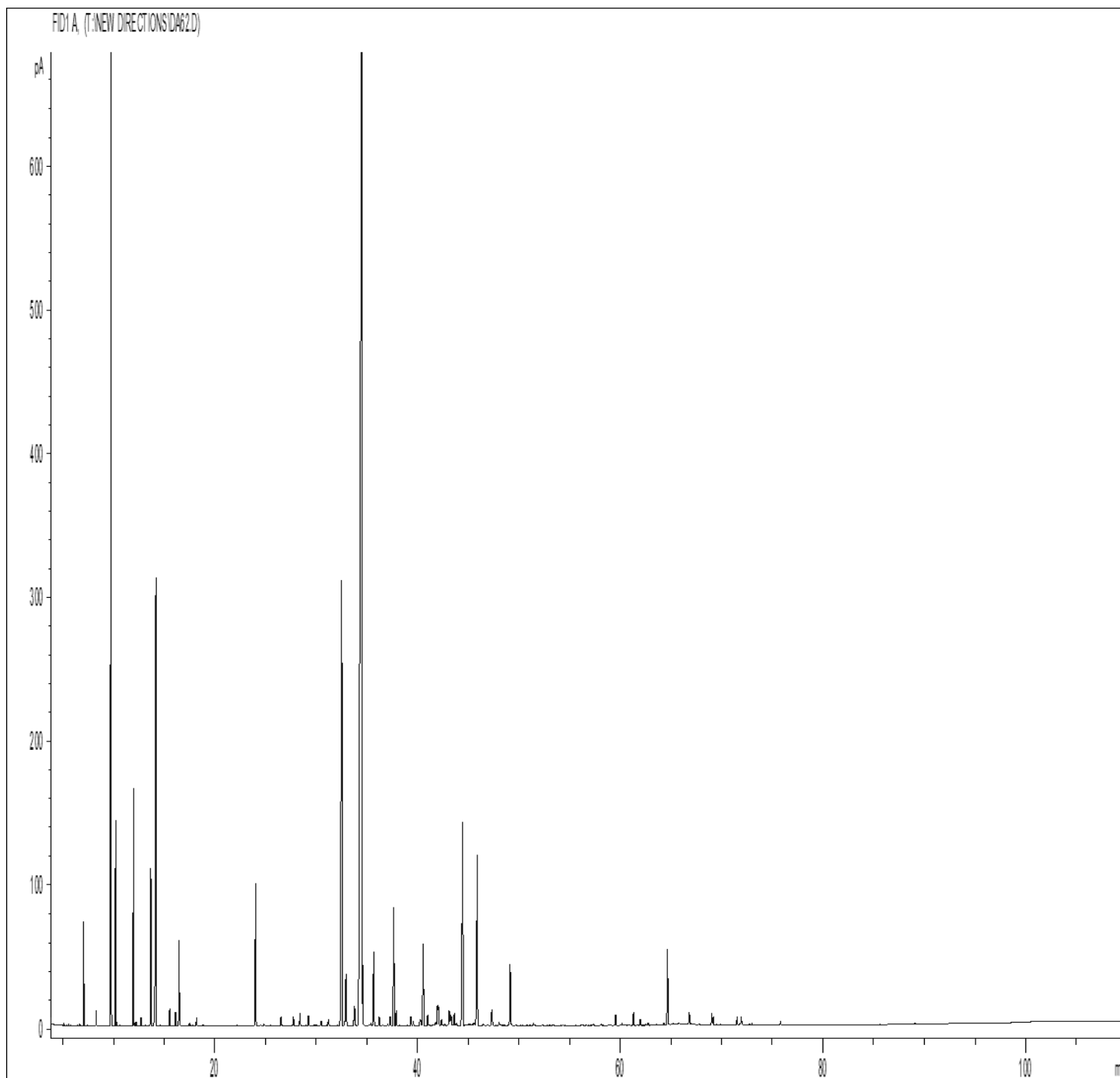


GCMS ANALYSIS

PRODUCT NAME: HYSSOP ESSENTIAL OIL - 11070

DATE: November 05, 2020



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: HYSSOP ESSENTIAL OIL - 11070

Peak	RT (min)	Compound	%
1	5,07	2-ETHYL-FURANE	0,01
2	7,04	alpha-PINENE	0,78
3	7,12	alpha-THUYENE	0,30
4	8,28	CAMPHENE	0,13
5	9,76	beta-PINENE	12,76
6	10,19	SABINENE	1,86
7	10,33	delta2-CARENE	0,03
8	11,96	beta-MYRCENE	2,44
9	12,06	alpha-PHELLANDRENE	0,02
10	12,23	psi-LIMONENE	0,04
11	12,72	alpha-TERPINENE	0,09
12	13,67	LIMONENE	1,76
13	14,18	beta-PHELLANDRENE + 1,8-CINEOLE	6,19
14	14,59	2-HEXENAL	0,01
15	15,53	cis-beta-OCIMENE	0,20
16	16,12	gamma-TERPINENE	0,16
17	16,47	trans-beta-OCIMENE	0,98
18	16,53	3-OCTANONE	0,05
19	17,48	p-CYMENE	0,04
20	18,21	TERPINOLENE	0,09
21	18,85	AMYL ISOVALERATE	0,01
22	24,04	MYRTENYL METHYL ETHER	2,04
23	24,15	3-HEXEN-1-OL	0,01
24	26,54	alpha-THUYONE	0,14
25	27,77	beta-THUYONE	0,13
26	28,41	1-OCTEN-3-OL	0,17
27	29,26	trans-THUYANOL	0,13
28	29,82	ALIPHATIC ESTER	0,01
29	30,02	ALIPHATIC ESTER	0,01
30	30,51	BICYCLOELEMENE	0,08

Disclaimer & Caution

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: HYSSOP ESSENTIAL OIL - 11070

Peak	RT (min)	Compound	%
31	31,24	alpha-COPAENE	0,11
32	32,55	alpha-PINOCAMPHONE	9,09
33	32,97	beta-BOURBONENE	1,03
34	33,78	alpha-BOURBONENE	0,40
35	34,54	beta-PINOCAMPHONE	39,09
36	34,63	LINALOOL	0,73
37	35,42	DIMETHYL SULFOXIDE	0,04
38	35,68	PINOCARVONE	1,08
39	36,24	epsilon-CADINENE	0,16
40	36,58	beta-ELEMENE	0,01
41	37,06	alpha-trans-BERGAMOTENE	0,02
42	37,31	beta-CUBEBENE	0,20
43	37,66	beta-CARYOPHYLLENE	1,90
44	37,90	TERPINENE-4-OL	0,21
45	38,23	AROMADENDRENE	0,01
46	39,34	MYRTENAL	0,16
47	39,59	GURJUNENE ISOMER	0,07
48	40,27	CADINA-3,5-DIENE	0,10
49	40,34	SESQUITERPENE	0,07
50	40,58	ALLO-AROMADENDRENE	1,36
51	41,01	trans-PINOCARVEOL	0,16
52	41,18	SESQUITERPENE	0,01
53	41,63	gamma-GURJUNENE	0,01
54	41,81	1-DECEN-3-OL	0,06
55	42,00	alpha-HUMULENE	0,33
56	42,08	ESTRAGOLE	0,30
57	42,37	E-beta-FARNESENE	0,12
58	42,54	cis-4,5-MUUROLADIENE	0,01
59	42,72	SESQUITERPENE	0,02
60	43,12	ACETATE DE MYRTENYLE	0,31

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: HYSSOP ESSENTIAL OIL - 11070

Peak	RT (min)	Compound	%
61	43,31	SESQUITERPENE	0,17
62	43,63	alpha-TERPINEOL	0,20
63	43,81	BORNEOL	0,04
64	44,45	GERMACRENE D	3,87
65	44,88	SESQUITERPENE	0,03
66	45,07	beta-SELINENE	0,05
67	45,22	SESQUITERPENE	0,02
68	45,40	alpha-ZINGIBERENE	0,02
69	45,51	alpha-MUUROLENE	0,03
70	45,56	NERYL ACETATE	0,04
71	45,89	BICYCLOGERMACRENE	3,02
72	46,46	trans-PIPERITOL	0,02
73	46,92	SESQUITERPENE	0,02
74	47,34	gamma-CADINENE	0,37
75	48,03	beta-SESQUIPELLANDRENE	0,08
76	48,45	CUMINAL	0,01
77	49,14	MYRTENOL	0,94
78	50,77	1-PHENYL-1-BUTANONE	0,02
79	51,42	CALAMENENE	0,04
80	53,33	ALIPHATIC ESTER	0,02
81	54,30	ALIPHATIC ESTER	0,01
82	54,50	MENTHATRIENE ISOMER	0,01
83	56,23	COMPOUND Mw=220	0,03
84	56,68	cis-JASMONE	0,02
85	57,36	JASMINE LACTONE	0,02
86	58,11	COMPOUND Mw=207	0,03
87	59,04	ISOCARYOPHYLLENE EPOXIDE	0,03
88	59,53	CARYOPHYLLENE EPOXIDE	0,17
89	60,15	AROMATIC COMPOUND	0,03
90	60,89	SESQUITERPENE	0,01

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GCMS ANALYSIS (cont'd.)

PRODUCT NAME: HYSSOP ESSENTIAL OIL - 11070

Peak	RT (min)	Compound	%
91	61,30	METHYLEUGENOL	0,19
92	61,67	AROMATIC COMPOUND	0,01
93	61,98	LEDOL	0,12
94	62,49	SESQUITERPENE	0,02
95	62,72	NEROLIDOL	0,04
96	63,12	COMPOUND Mw=207	0,02
97	63,55	épi-CUBENOL	0,02
98	64,32	GLOBULOL	0,05
99	64,66	ELEMOL	1,14
100	64,79	SESQUITERPENOL	0,02
101	65,19	10-épi-gamma-EUDESOL	0,01
102	65,78	BENZOATE DE cis-3-HEXENYLE	0,01
103	66,79	SPATHULENOL	0,18
104	67,11	TRIMETHYL PENTADECANONE	0,02
105	67,77	EUGENOL	0,02
106	69,02	gamma-EUDESOL	0,20
107	69,15	T-CADINOL	0,13
108	69,47	4-VINYL GUAIACOL	0,03
109	69,88	SESQUITERPENOL	0,03
110	71,52	alpha-EUDESOL	0,13
111	71,78	beta-NOOTKATOL	0,03
112	71,93	beta-EUDESOL	0,14
113	72,04	alpha-CADINOL	0,02
114	72,74	LACHNOPHYLLUM METHYL ESTER	0,04
115	72,97	EUDESMA-7(11)-EN-4-OL	0,03
116	75,80	MATRICARIA ESTER	0,06
117	86,82	TERPENIC KETONE	0,02
118	89,06	PHYTOL	0,02
		TOTAL	99,95

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