

3449 JAFB

Instrument 6890

C:\HPCHEM\2\DATA\2025\
34490000.D

Copaiba Org.

3449 - JAFB

Brazil

Copaifera reticulata

Sample/Solvent: 0.05g/0.5g

Injection Amount: 0.2uL

20:1 Split Ratio

HP-5 5% Phenyl Methyl Siloxane

30.000m

250.000um

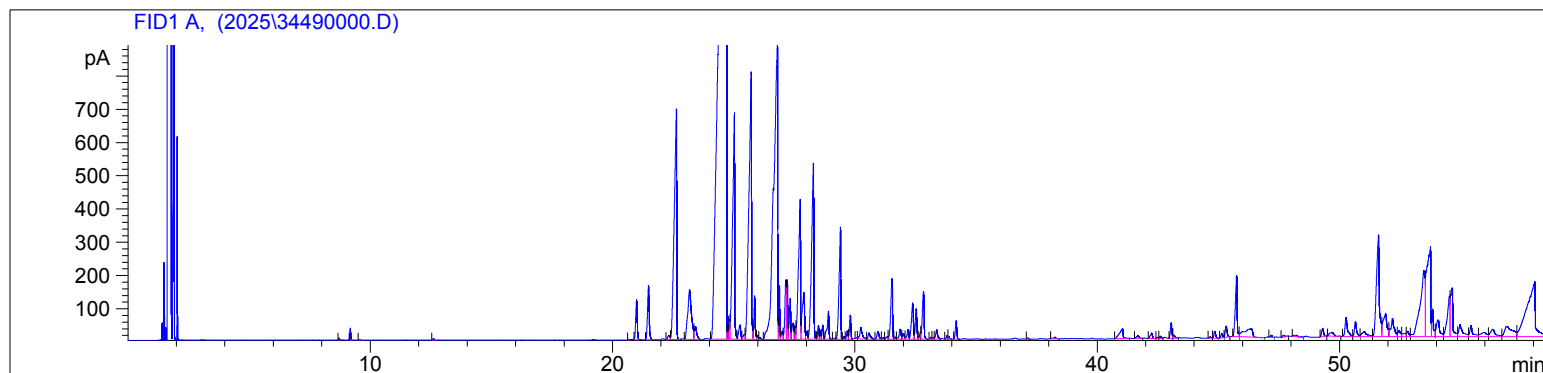
0.250um

10/17/2025 9:25:44 AM

10/17/2025 9:25:44 AM

10/17/2025

11:21:14 AM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		8.72	0.00	15.08	5.66	15.08	0.01
2		9.18	0.00	97.86	35.64	97.86	0.09
3		9.55	0.00	5.69	2.00	5.69	0.01
4		12.60	0.00	16.26	5.21	16.26	0.01
5		20.67	0.00	7.13	1.94	7.13	0.01
6	Delta Elemene	20.98	0.00	520.60	119.93	520.60	0.47
7	Alpha Cubebene	21.48	0.00	787.96	163.05	787.96	0.71
8		22.30	0.00	79.03	12.27	79.03	0.07
9	Alpha Copaene	22.63	0.00	4859.82	691.64	4859.82	4.40
10	Beta Elemene	23.17	0.00	1590.08	148.52	1590.08	1.44
11		23.41	0.00	278.73	40.06	278.73	0.25
12	Beta Caryophyllene	24.70	0.00	41019.15	2281.43	41019.15	37.11
13		24.75	0.00	149.40	69.74	149.40	0.14
14		24.82	0.00	182.89	59.06	182.89	0.17
15	Trans-Alpha Bergamotene	25.02	0.00	4069.42	677.97	4069.42	3.68
16		25.25	0.00	250.32	43.26	250.32	0.23
17		25.43	0.00	83.65	14.39	83.65	0.08
18	Alpha Humulene	25.71	0.00	5957.71	801.49	5957.71	5.39
19	Allo-aromadendrene	25.86	0.00	468.10	130.61	468.10	0.42
20		25.98	0.00	41.67	12.37	41.67	0.04
21		26.07	0.00	19.99	4.72	19.99	0.02
22	Germacrene D	26.80	0.00	10148.63	892.52	10148.63	9.18
23	Beta Selinene	26.88	0.00	445.89	161.15	445.89	0.40
24	Beta Guaiene	27.00	0.00	119.49	24.91	119.49	0.11
25	Alpha Selinene	27.14	0.00	752.96	178.44	752.96	0.68
26		27.20	0.00	607.18	178.87	607.18	0.55
27		27.32	0.00	494.53	122.41	494.53	0.45
28	Alpha Muurolene	27.45	0.00	285.00	48.43	285.00	0.26
29		27.55	0.00	126.06	37.68	126.06	0.11
30	Beta Bisabolene	27.74	0.00	2493.33	419.49	2493.33	2.26
31	Gamma Cadinene	27.89	0.00	972.95	140.51	972.95	0.88
32		28.01	0.00	91.82	24.57	91.82	0.08
33	Delta Cadinene	28.28	0.00	3274.61	527.58	3274.61	2.96
34	Trans-Gamma Bisabolene	28.49	0.00	159.72	41.56	159.72	0.14
35		28.58	0.00	79.92	25.86	79.92	0.07
36		28.67	0.00	147.70	42.53	147.70	0.13
37	Alpha Cadinene	28.90	0.00	446.78	84.03	446.78	0.40
38		29.16	0.00	16.99	3.46	16.99	0.02
39	Germacrene B	29.40	0.00	1678.48	336.11	1678.48	1.52
40		29.55	0.00	29.12	7.92	29.12	0.03

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#	Compound Name	Meas.	Ret.	Amount	Response	Height	Area	Area %
41			29.68	0.00	104.18	24.68	104.18	0.09
42			29.80	0.00	278.04	71.98	278.04	0.25
43			30.07	0.00	9.51	2.68	9.51	0.01
44			30.24	0.00	238.33	34.91	238.33	0.22
45			30.57	0.00	123.51	18.83	123.51	0.11
46			30.95	0.00	139.54	22.95	139.54	0.13
47			31.16	0.00	18.96	4.28	18.96	0.02
48			31.31	0.00	41.82	7.59	41.82	0.04
49			31.52	0.00	941.44	181.77	941.44	0.85
50			31.65	0.00	28.76	6.89	28.76	0.03
51			31.86	0.00	165.07	30.39	165.07	0.15
52			31.99	0.00	91.76	17.24	91.76	0.08
53			32.18	0.00	133.01	28.87	133.01	0.12
54	Epi Alpha Cadinol		32.38	0.00	610.46	108.74	610.46	0.55
55	Cubenol		32.52	0.00	417.10	91.30	417.10	0.38
56			32.69	0.00	81.21	20.65	81.21	0.07
57	Alpha Cadinol		32.82	0.00	725.09	142.04	725.09	0.66
58			33.13	0.00	21.88	5.57	21.88	0.02
59			33.22	0.00	18.35	4.36	18.35	0.02
60			33.37	0.00	147.19	27.18	147.19	0.13
61			33.80	0.00	39.80	9.95	39.80	0.04
62			33.86	0.00	28.24	8.03	28.24	0.03
63			34.17	0.00	229.30	54.58	229.30	0.21
64			37.14	0.00	13.00	3.50	13.00	0.01
65			38.26	0.00	42.37	5.29	42.37	0.04
66			41.05	0.00	301.14	29.15	301.14	0.27
67			41.69	0.00	55.99	7.89	55.99	0.05
68			42.25	0.00	94.21	16.10	94.21	0.09
69			42.50	0.00	13.09	3.17	13.09	0.01
70			42.61	0.00	32.89	6.46	32.89	0.03
71			43.06	0.00	198.04	45.85	198.04	0.18
72			43.16	0.00	45.97	9.16	45.97	0.04
73			44.66	0.00	16.87	3.54	16.87	0.02
74			44.86	0.00	99.30	20.26	99.30	0.09
75			45.15	0.00	59.35	12.27	59.35	0.05
76			45.32	0.00	172.25	33.08	172.25	0.16
77			45.76	0.00	953.62	182.75	953.62	0.86
78			46.33	0.00	624.56	25.31	624.56	0.57
79			47.19	0.00	32.14	6.03	32.14	0.03
80			47.70	0.00	36.45	5.12	36.45	0.03
81			48.21	0.00	48.41	4.10	48.41	0.04
82			49.31	0.00	132.54	24.79	132.54	0.12
83			49.70	0.00	148.21	11.96	148.21	0.13
84			50.27	0.00	412.58	58.23	412.58	0.37
85			50.66	0.00	274.57	45.02	274.57	0.25
86			51.02	0.00	224.49	15.92	224.49	0.20
87			51.61	0.00	2511.02	304.60	2511.02	2.27
88			51.91	0.00	784.31	68.69	784.31	0.71
89			52.19	0.00	538.00	55.00	538.00	0.49
90			52.46	0.00	139.64	18.29	139.64	0.13
91			52.69	0.00	97.73	10.11	97.73	0.09
92			52.82	0.00	106.00	16.34	106.00	0.10
93			53.48	0.00	2782.36	199.08	2782.36	2.52
94			53.76	0.00	3176.30	270.13	3176.30	2.87
95			53.85	0.00	389.22	82.99	389.22	0.35

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96		54.07	0.00	505.63	49.99	505.63	0.46
97		54.54	0.00	885.34	121.02	885.34	0.80
98		54.65	0.00	1096.65	145.92	1096.65	0.99
99		54.98	0.00	398.10	36.50	398.10	0.36
100		55.43	0.00	277.30	33.40	277.30	0.25
101		55.97	0.00	214.34	12.37	214.34	0.19
102		56.33	0.00	313.90	22.13	313.90	0.28
103		56.93	0.00	696.63	30.88	696.63	0.63
104		58.06	0.00	4079.16	165.02	4079.16	3.69

