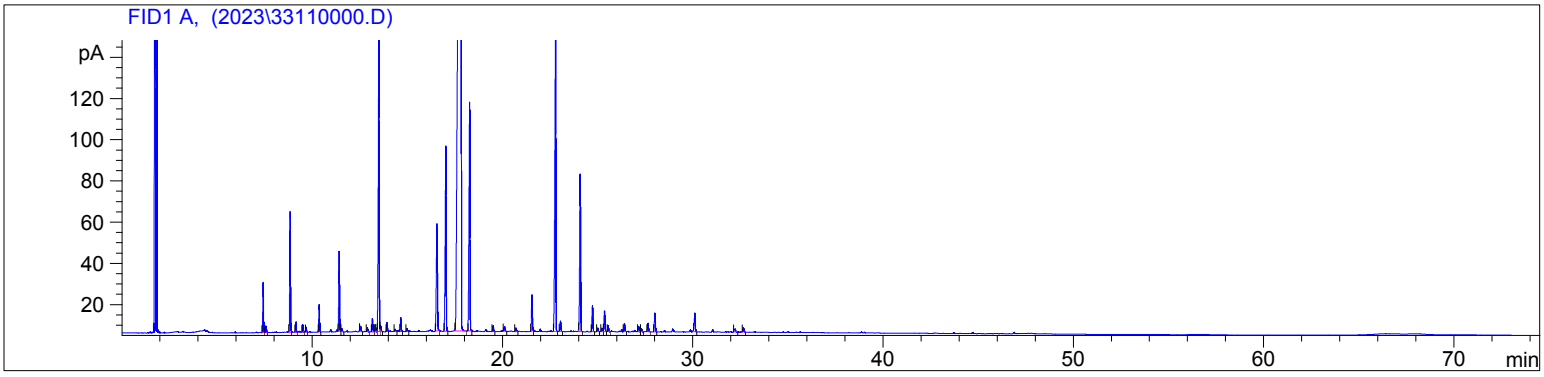
3311 | Instrument 6890 | C:\HPCHEM\2\DATA\2023\33110000.D

Citronella ORG
3311-JBZN
India
Cymbopogon nardus
Sample/Solvent: 0.06g/0.53g
Injection Amount: 0.2uL
20:1 Split Ratio

HP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250um

10/20/2023 10:38:21 AM
10/20/2023 10:38:21 AM

10/31/2023
11:15:59 AM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1	sabinene	7.41	0.00	58.85	24.32	58.85	0.81
2	beta pinene	7.57	0.00	8.36	3.10	8.36	0.11
3	d-limonene	8.83	0.00	154.53	58.55	154.53	2.12
4	cis-beta ocimene	9.14	0.00	12.87	4.91	12.87	0.18
5	trans-beta ocimene	9.51	0.00	8.52	3.52	8.52	0.12
6		9.69	0.00	6.21	2.36	6.21	0.09
7	cis-linalool oxide	10.37	0.00	37.23	13.31	37.23	0.51
8	linalool	11.43	0.00	111.50	38.61	111.50	1.53
9		11.55	0.00	5.22	1.51	5.22	0.07
10		12.55	0.00	9.56	2.55	9.56	0.13
11		12.91	0.00	6.14	2.01	6.14	0.08
12	camphor	13.17	0.00	21.45	6.44	21.45	0.29
13		13.32	0.00	10.26	3.31	10.26	0.14
14	citronellal	13.52	0.00	504.11	151.13	504.11	6.91
15		13.60	0.00	9.57	2.80	9.57	0.13
16	borneol	13.94	0.00	13.06	4.29	13.06	0.18
17		14.37	0.00	3.84	1.11	3.84	0.05
18	alpha terpineol	14.66	0.00	20.90	6.83	20.90	0.29
19		14.99	0.00	4.92	1.47	4.92	0.07
20	citronellol	16.57	0.00	207.71	51.93	207.71	2.85
21	neral	17.03	0.00	311.25	89.72	311.25	4.26
22	geraniol	17.83	0.00	4216.51	447.35	4216.51	57.77
23	geranial	18.28	0.00	399.40	110.61	399.40	5.47
24		19.52	0.00	8.97	2.83	8.97	0.12
25		20.12	0.00	9.32	2.19	9.32	0.13
26		20.71	0.00	6.13	1.75	6.13	0.08
27	citronellyl acetate	21.56	0.00	55.55	17.45	55.55	0.76
28	geranyl acetate	22.80	0.00	562.35	148.29	562.35	7.71
29		23.06	0.00	17.09	5.02	17.09	0.23
30	beta caryophyllene	24.09	0.00	273.62	76.16	273.62	3.75
31		24.74	0.00	42.67	12.64	42.67	0.58
32		25.01	0.00	5.74	1.74	5.74	0.08
33		25.24	0.00	6.72	1.76	6.72	0.09
34		25.37	0.00	35.90	10.05	35.90	0.49
35		25.56	0.00	9.57	2.99	9.57	0.13
36		26.42	0.00	13.83	3.97	13.83	0.19
37		27.17	0.00	7.48	2.28	7.48	0.10
38		27.31	0.00	4.61	1.43	4.61	0.06
39		27.66	0.00	14.75	4.14	14.75	0.20
40	germacrene D	28.02	0.00	32.30	9.14	32.30	0.44

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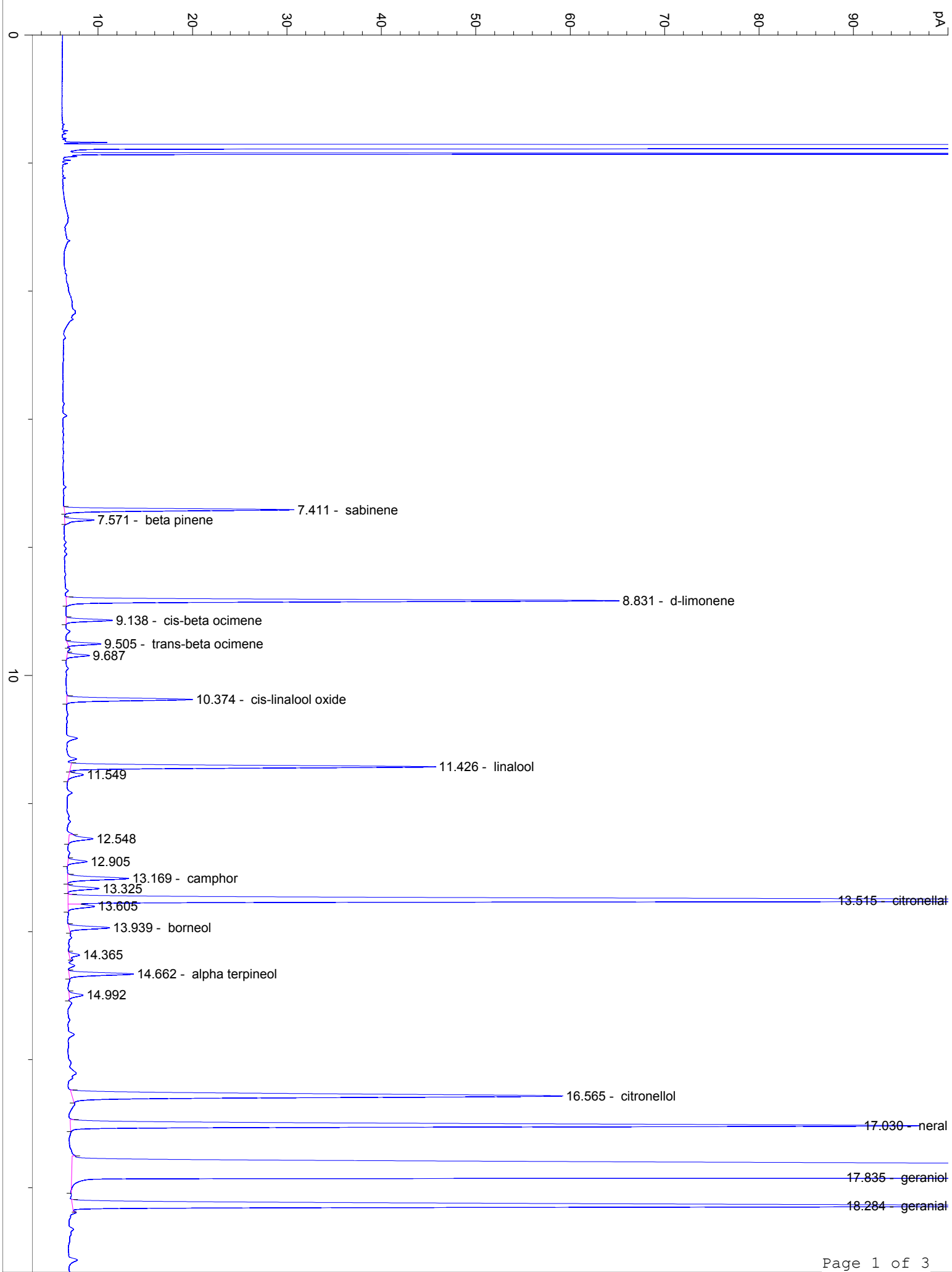
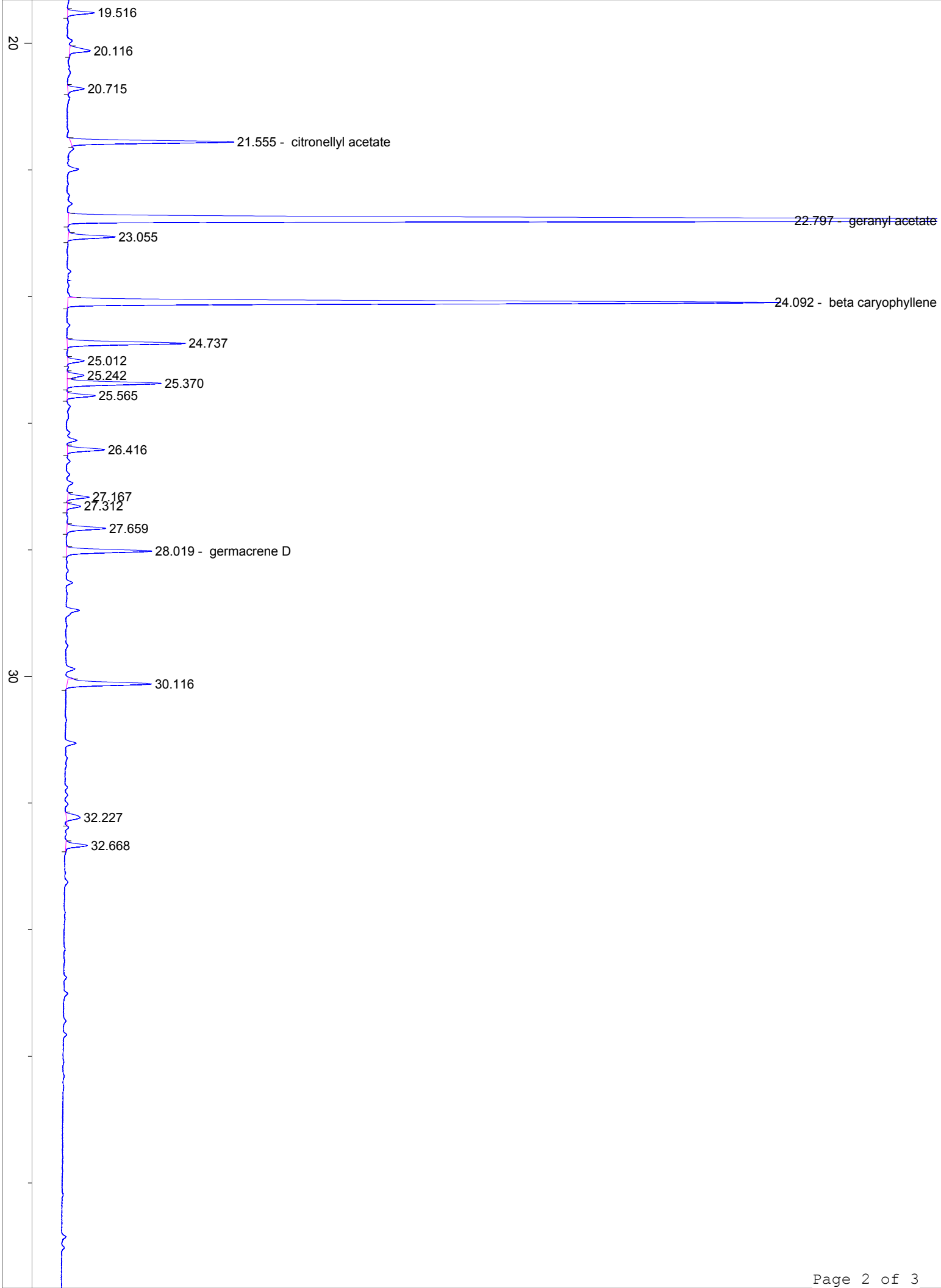
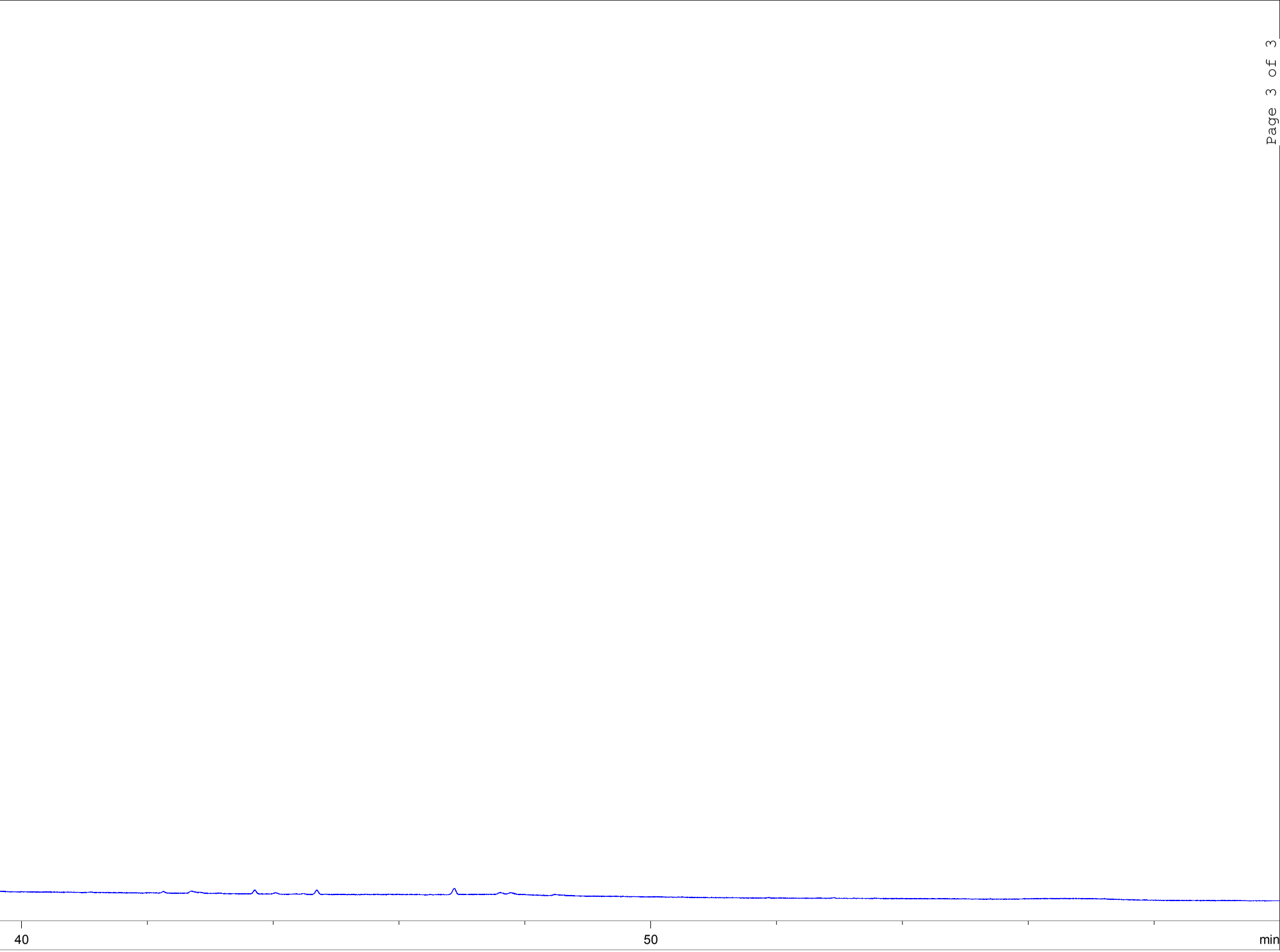
10/20/2023 10:38:21 AM 11:15:59 AM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
41		30.12	0.00	34.19	9.03	34.19	0.47
42		32.23	0.00	6.81	1.47	6.81	0.09
43		32.67	0.00	8.62	2.30	8.62	0.12


pA
10
20
30
40
50
60
70
80
90
0
10
FID1 A, (20233110000.D)
7.411 - sabinene
7.571 - beta pinene
8.831 - d-limonene
9.138 - cis-beta ocimene
9.505 - trans-beta ocimene
9.687
10.374 - cis-linalool oxide
11.426 - linalool
11.549
12.548
12.905
13.169 - camphor
13.325
13.515 - citronellal
13.605
13.939 - borneol
14.365
14.662 - alpha terpineol
14.992
16.565 - citronellol
17.030 - neral
17.835 - geraniol
18.284 - geranial


20
30
19.516
20.116
20.715
21.555 - citronellyl acetate
22.797 - geranyl acetate
23.055
24.092 - beta caryophyllene
24.737
25.012
25.242
25.370
25.565
26.416
27.167
27.312
27.659
28.019 - germacrene D
30.116
32.227
32.668


40
50
min