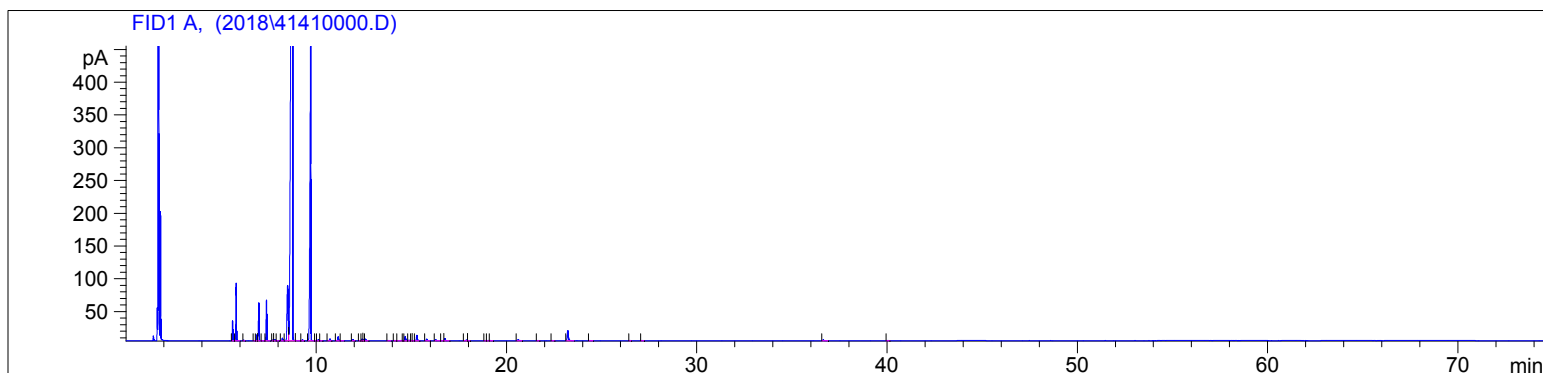


Mandarin, Red (Organic)
4141-AAZDX
Italy
citrus reticulata
Sample/Solvent: 0.06g/0.64g
Injection: 0.2uL
15:1 Split Ratio

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

1/4/2018 2:38:15 PM
1/4/2018 2:38:15 PM

3/12/2018
9:06:26 AM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1	alpha thujene	5.60	100.00	65.42	30.44	65.42	0.68
2	alpha pinene	5.78	100.00	198.09	88.13	198.09	2.06
3	camphene	6.18	100.00	3.15	1.22	3.15	0.03
4		6.73	100.00	1.13	0.36	1.13	0.01
5	sabinene	6.87	100.00	21.92	8.97	21.92	0.23
6	beta pinene	6.97	100.00	143.19	57.87	143.19	1.49
7		7.18	100.00	2.21	0.48	2.21	0.02
8	myrcene	7.38	100.00	154.89	62.28	154.89	1.61
9	n-octanal	7.73	100.00	5.10	1.72	5.10	0.05
10	alpha phellandrene	7.81	100.00	5.20	1.64	5.20	0.05
11	delta-3-carene	8.00	100.00	2.44	0.82	2.44	0.03
12	alpha terpinene	8.21	100.00	12.54	4.00	12.54	0.13
13	para-cymene	8.49	100.00	396.11	84.37	396.11	4.12
14	d-limonene	8.74	100.00	6744.21	1185.90	6744.21	70.23
15	cis-beta ocimene	8.92	100.00	5.14	0.63	5.14	0.05
16	trans-beta ocimene	9.29	100.00	5.36	1.60	5.36	0.06
17	gamma terpinene	9.71	100.00	1547.80	455.42	1547.80	16.12
18		9.95	100.00	1.41	0.36	1.41	0.01
19	cis-linalool oxide	10.12	100.00	8.73	1.59	8.73	0.09
20		10.22	100.00	1.27	0.32	1.27	0.01
21	terpinolene	10.73	100.00	10.45	3.10	10.45	0.11
22	linalool	11.16	100.00	19.14	5.99	19.14	0.20
23	n-nonanal	11.31	100.00	1.34	0.31	1.34	0.01
24	cis-para-menth-2-en-1-ol	11.92	100.00	7.42	2.19	7.42	0.08
25		12.31	100.00	2.65	0.81	2.65	0.03
26	cis-limonene oxide	12.41	100.00	8.00	2.65	8.00	0.08
27		12.48	100.00	6.64	2.02	6.64	0.07
28	trans-limonene oxide	12.59	100.00	9.76	2.72	9.76	0.10
29		13.77	436.47	3.66	0.82	3.66	0.04
30	terpin-4-ol	14.13	100.00	2.44	0.64	2.44	0.03
31		14.47	286.48	3.68	0.65	3.68	0.04
32		14.56	100.00	1.28	0.34	1.28	0.01
33	alpha terpineol	14.68	100.00	21.94	6.19	21.94	0.23
34		14.88	100.00	4.59	0.94	4.59	0.05
35		15.02	100.00	1.93	0.62	1.93	0.02
36		15.07	100.00	2.70	0.70	2.70	0.03

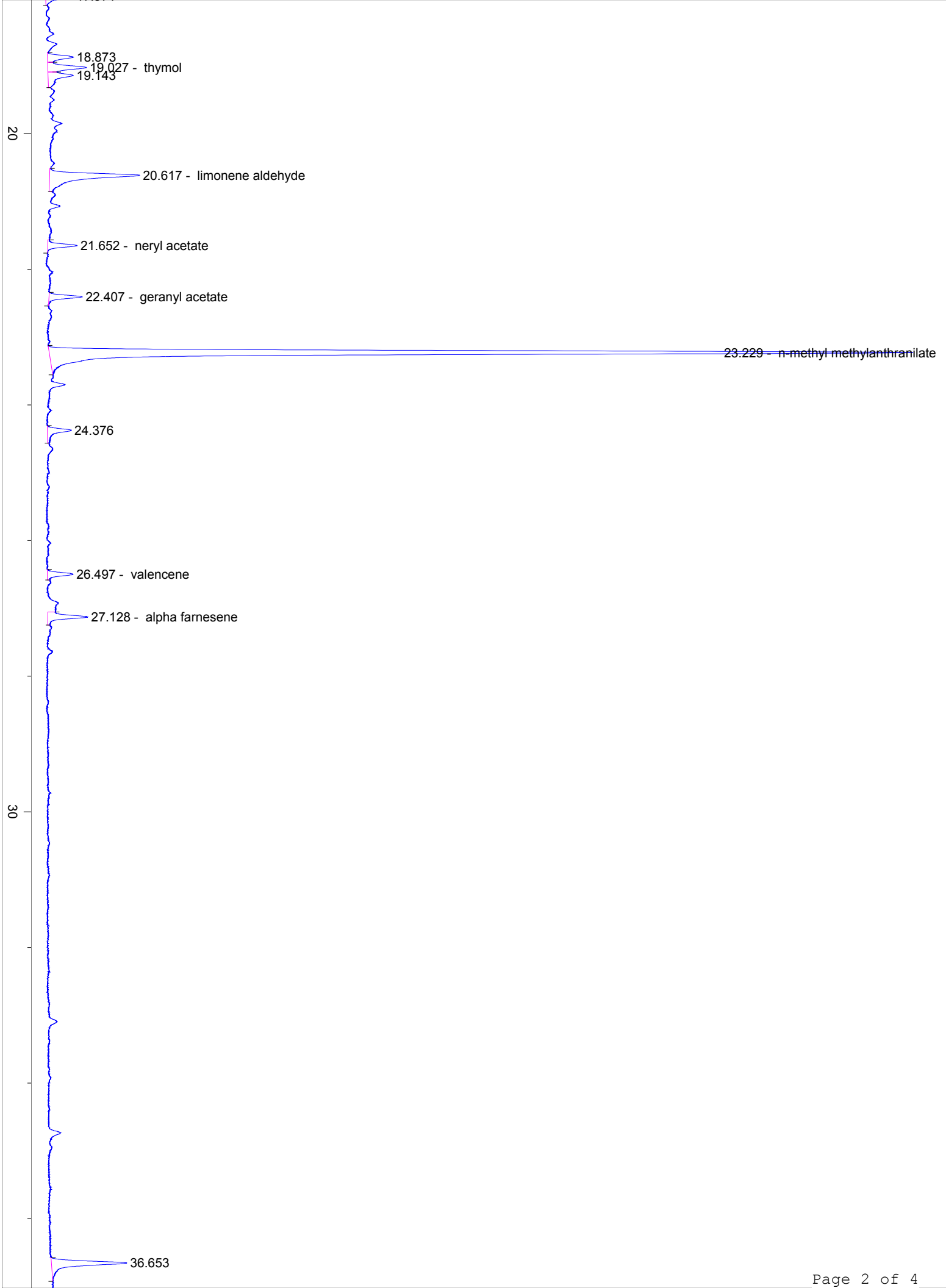
4141-AAZDX

Instrument 6890

C:\HPCHEM\2\DATA\2018\
41410000.DMandarin, Red (Organic)
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Italy
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30.000m
250.000um
0.250um1/4/2018 2:38:15 PM
1/4/2018 2:38:15 PM3/12/2018
9:06:26 AM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
37	n-decanal	15.30	100.00	29.42	8.58	29.42	0.31
38	trans-carveol	15.81	2017.24	10.80	2.54	10.80	0.11
39	citronellol	16.28	100.00	7.24	1.68	7.24	0.08
40		16.69	100.00	1.79	0.61	1.79	0.02
41	carvone	16.77	100.00	14.33	3.68	14.33	0.15
42	geranial (citral A)	17.89	100.00	5.39	1.27	5.39	0.06
43		17.97	100.00	2.18	0.48	2.18	0.02
44		18.87	100.00	1.93	0.46	1.93	0.02
45	thymol	19.03	100.00	3.04	0.68	3.04	0.03
46		19.14	100.00	2.59	0.44	2.59	0.03
47	limonene aldehyde	20.62	100.00	9.47	1.60	9.47	0.10
48	neryl acetate	21.65	100.00	1.84	0.52	1.84	0.02
49	geranyl acetate	22.41	100.00	2.08	0.59	2.08	0.02
50	n-methyl methylantranilate	23.23	100.00	63.48	15.35	63.48	0.66
51	beta caryophyllene	0.00	0.00	0.00	0.00	0.00	0.00
52		24.38	100.00	2.04	0.42	2.04	0.02
53	valencene	26.50	100.00	1.72	0.45	1.72	0.02
54	alpha farnesene	27.13	100.00	2.97	0.71	2.97	0.03
55	beta sinensal	0.00	0.00	0.00	0.00	0.00	0.00
56	alpha sinensal	0.00	0.00	0.00	0.00	0.00	0.00
57		36.65	100.00	6.33	1.34	6.33	0.07
58		40.04	100.00	1.72	0.42	1.72	0.02





40.039

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