

3291-FFAAX

Instrument 6890

C:\HPCHEM\2\DATA\2018\
32910000.D

Carrot Seed (Organic)

3291-FFAAX

India

daucus carota

Sample/Solvent: 0.05g/0.52g

Injection: 0.2uL

15:1 Split Ratio

HP-5 5% Phenyl Methyl Siloxane

30.000m

250.000um

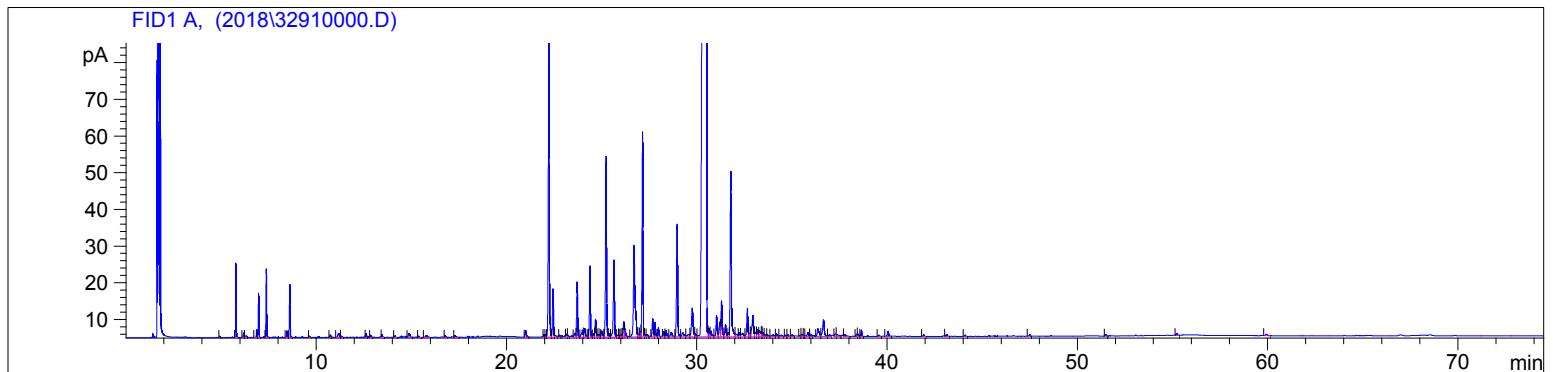
0.250um

6/11/2018 11:26:04 AM

6/11/2018 11:26:04 AM

7/3/2018

9:54:17 AM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		4.92	100.00	0.86	0.38	0.86	0.01
2	alpha pinene	5.77	100.00	44.29	20.21	44.29	0.49
3	camphene	6.17	100.00	2.88	1.24	2.88	0.03
4		6.32	100.00	1.42	0.59	1.42	0.02
5	sabinene	6.86	100.00	4.84	2.12	4.84	0.05
6	beta pinene	6.97	100.00	28.68	11.99	28.68	0.31
7	myrcene	7.37	100.00	44.58	18.63	44.58	0.49
8	para cymene	8.45	100.00	4.63	1.77	4.63	0.05
9	limonene	8.60	100.00	38.06	14.42	38.06	0.42
10	gamma terpinene	9.65	100.00	1.06	0.38	1.06	0.01
11	terpinolene	10.75	100.00	2.66	0.66	2.66	0.03
12	linalool	11.17	100.00	6.05	1.07	6.05	0.07
13	nonanal	11.32	100.00	1.46	0.36	1.46	0.02
14		12.63	100.00	3.68	1.07	3.68	0.04
15		12.88	100.00	2.02	0.57	2.02	0.02
16		13.45	100.00	2.94	0.76	2.94	0.03
17		14.15	100.00	1.50	0.45	1.50	0.02
18	myrtenal	14.87	100.00	6.03	1.04	6.03	0.07
19		15.39	100.00	1.24	0.37	1.24	0.01
20		15.78	100.00	3.45	0.46	3.45	0.04
21	carvone	16.78	100.00	2.08	0.58	2.08	0.02
22		17.30	100.00	2.63	0.46	2.63	0.03
23		21.02	100.00	8.23	1.83	8.23	0.09
24		21.98	100.00	2.22	0.60	2.22	0.02
25		22.06	100.00	2.62	0.77	2.62	0.03
26	daucene	22.24	100.00	310.86	85.38	310.86	3.41
27	geranyl acetate	22.45	100.00	45.51	13.18	45.51	0.50
28		22.58	100.00	2.50	0.44	2.50	0.03
29		22.79	100.00	2.49	0.49	2.49	0.03
30		23.15	100.00	3.02	0.78	3.02	0.03
31		23.22	100.00	2.66	0.58	2.66	0.03
32		23.61	100.00	4.65	1.04	4.65	0.05
33	beta caryophyllene	23.72	100.00	53.23	15.01	53.23	0.58
34		24.00	100.00	9.95	1.94	9.95	0.11
35		24.12	100.00	12.19	2.34	12.19	0.13
36		24.29	100.00	1.24	0.35	1.24	0.01

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37	alpha cedrene	24.39	100.00	65.95	19.35	65.95	0.72
38		24.59	100.00	3.04	0.91	3.04	0.03
39	beta cedrene	24.69	100.00	18.10	4.87	18.10	0.20
40		24.82	100.00	3.08	0.74	3.08	0.03
41		24.90	100.00	2.42	0.67	2.42	0.03
42	alpha humelene	25.02	100.00	7.87	1.62	7.87	0.09
43	trans-beta farnesene	25.24	100.00	182.96	49.20	182.96	2.01
44		25.40	100.00	3.87	0.93	3.87	0.04
45	gamma muurolene	25.66	100.00	90.76	20.94	90.76	1.00
46		25.85	100.00	2.45	0.49	2.45	0.03
47		25.91	100.00	1.18	0.36	1.18	0.01
48		26.00	100.00	1.81	0.49	1.81	0.02
49		26.07	100.00	2.83	0.70	2.83	0.03
50	alpha curcumene	26.17	100.00	16.06	4.11	16.06	0.18
51		26.24	100.00	7.81	2.14	7.81	0.09
52	alpha zingiberene + epi-zon	26.71	100.00	149.42	24.92	149.42	1.64
53		26.93	100.00	3.90	0.79	3.90	0.04
54		27.06	100.00	5.44	1.45	5.44	0.06
55	beta bisabolene	27.16	100.00	194.30	55.78	194.30	2.13
56		27.29	100.00	2.62	0.57	2.62	0.03
57		27.39	100.00	3.66	0.66	3.66	0.04
58		27.69	100.00	19.30	4.91	19.30	0.21
59		27.81	100.00	15.95	3.88	15.95	0.17
60		27.99	100.00	9.56	2.45	9.56	0.10
61		28.26	100.00	5.68	1.40	5.68	0.06
62		28.40	100.00	7.55	1.73	7.55	0.08
63		28.67	100.00	8.94	1.26	8.94	0.10
64	cedrene oxide	28.97	100.00	130.06	30.70	130.06	1.43
65		29.27	100.00	8.88	1.09	8.88	0.10
66		29.57	100.00	5.77	0.64	5.77	0.06
67	caryophyllene oxide	29.77	100.00	46.09	7.81	46.09	0.51
68		29.92	100.00	4.27	0.81	4.27	0.05
69	carotol	30.52	100.00	6852.30	720.83	6852.30	75.14
70		30.65	100.00	9.62	2.24	9.62	0.11
71		30.75	100.00	8.49	1.57	8.49	0.09
72		31.05	100.00	23.34	5.76	23.34	0.26
73		31.22	100.00	16.76	3.99	16.76	0.18
74	dill apiole	31.31	100.00	39.33	9.71	39.33	0.43
75		31.52	100.00	15.38	3.26	15.38	0.17
76		31.65	100.00	4.82	1.14	4.82	0.05
77	daucol	31.80	100.00	192.52	45.02	192.52	2.11
78		32.04	100.00	5.65	0.73	5.65	0.06
79		32.23	100.00	5.29	1.07	5.29	0.06
80		32.41	100.00	7.50	0.97	7.50	0.08
81	beta eudesmol	32.67	100.00	31.80	7.74	31.80	0.35
82		32.79	100.00	4.39	0.94	4.39	0.05
83	7-epi-alpha eudesmol	32.95	100.00	33.21	5.77	33.21	0.36
84		33.09	100.00	6.12	1.17	6.12	0.07
85		33.20	100.00	8.12	1.92	8.12	0.09
86		33.31	100.00	9.46	1.50	9.46	0.10
87		33.41	100.00	2.92	0.94	2.92	0.03
88		33.49	100.00	5.25	1.14	5.25	0.06
89		33.62	100.00	3.36	0.52	3.36	0.04
90		33.72	100.00	2.85	0.49	2.85	0.03
91		34.03	100.00	4.75	0.54	4.75	0.05

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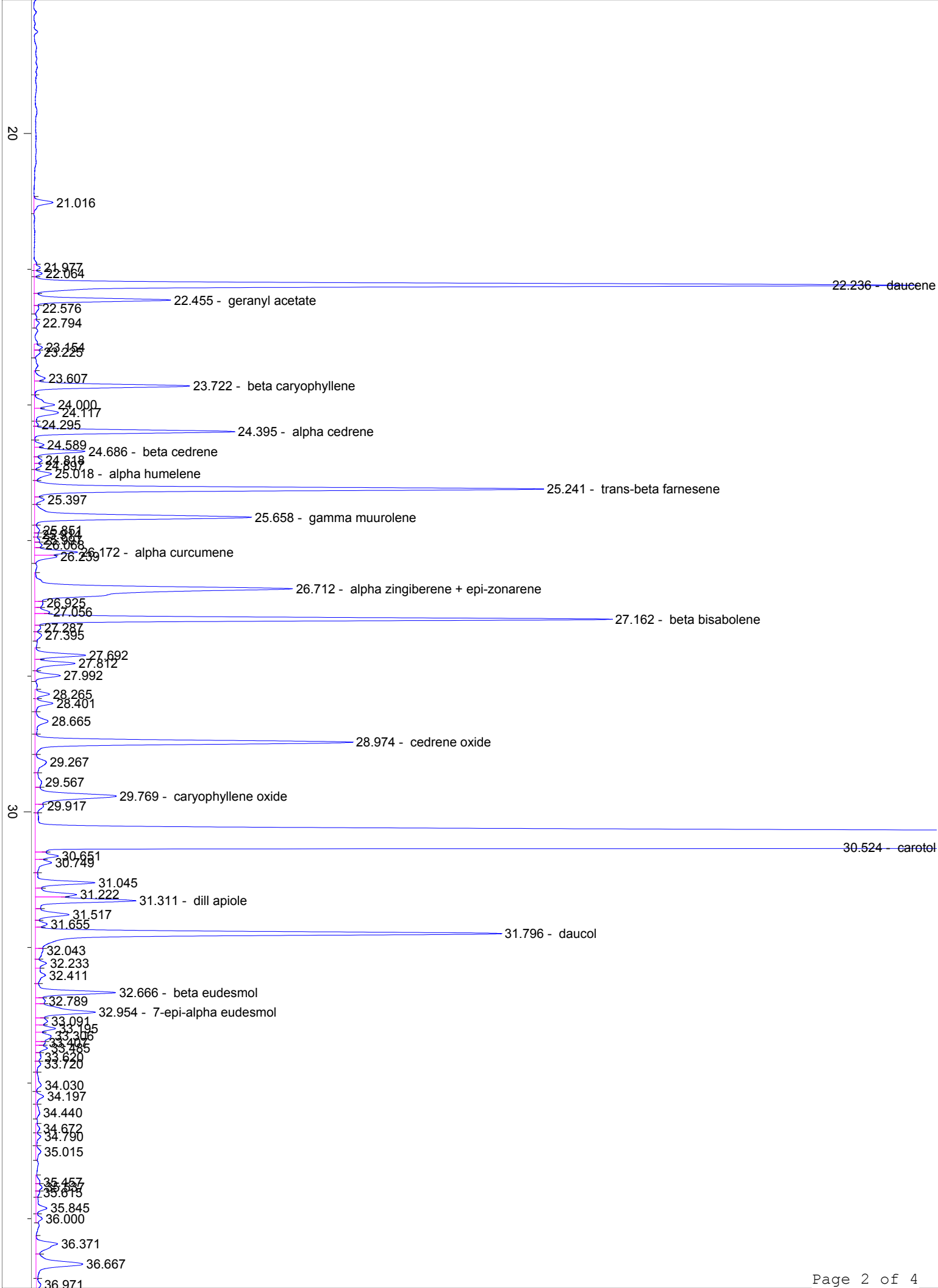
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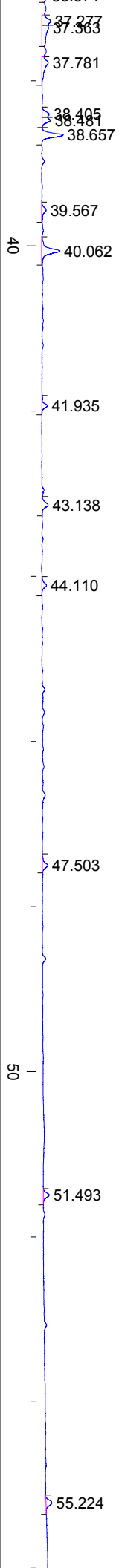
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92		34.20	100.00	3.95	0.77	3.95	0.04
93		34.44	100.00	3.39	0.39	3.39	0.04
94		34.67	100.00	2.08	0.39	2.08	0.02
95		34.79	100.00	2.68	0.48	2.68	0.03
96		35.01	100.00	3.46	0.47	3.46	0.04
97		35.46	100.00	1.98	0.39	1.98	0.02
98		35.54	100.00	3.00	0.60	3.00	0.03
99		35.61	100.00	1.61	0.37	1.61	0.02
100		35.85	100.00	6.04	1.06	6.04	0.07
101		36.00	100.00	2.93	0.60	2.93	0.03
102		36.37	100.00	14.20	2.09	14.20	0.16
103		36.67	100.00	29.29	4.52	29.29	0.32
104		36.97	100.00	3.05	0.46	3.05	0.03
105		37.28	100.00	3.65	0.69	3.65	0.04
106		37.36	100.00	5.63	0.53	5.63	0.06
107		37.78	100.00	4.13	0.51	4.13	0.05
108		38.40	100.00	2.28	0.56	2.28	0.02
109		38.48	100.00	2.60	0.66	2.60	0.03
110		38.66	100.00	6.02	1.67	6.02	0.07
111		39.57	100.00	1.94	0.36	1.94	0.02
112		40.06	100.00	7.21	1.45	7.21	0.08
113		41.93	100.00	1.71	0.44	1.71	0.02
114		43.14	100.00	2.31	0.49	2.31	0.03
115		44.11	100.00	1.63	0.36	1.63	0.02
116		47.50	100.00	1.97	0.42	1.97	0.02
117		51.49	100.00	1.92	0.46	1.92	0.02
118		55.22	100.00	2.19	0.47	2.19	0.02
119		59.95	100.00	2.72	0.38	2.72	0.03







70

09

59.948