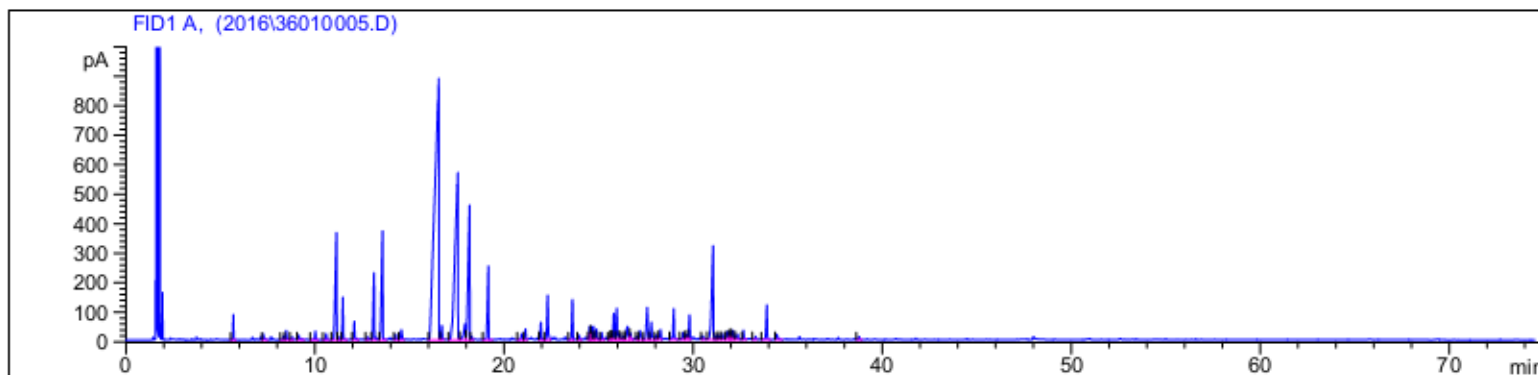


Geranium Rose (Organic)
3601-LLZBT
Egypt
pelargonium graveolens var.
roseum
Sample/Hexane: 0.11g/0.20g
Injection: 0.2uL

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

12/5/2016 10:29:33 AM
12/5/2016 10:29:33 AM

12/5/2016
1:31:46 PM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1	alpha pinene	5.68	0.00	189.68	81.81	189.68	0.48
2	myrcene	7.26	0.00	86.80	18.85	86.80	0.22
3	d-limonene	8.32	5.36	40.12	12.70	40.12	0.10
4	1.8 cineol	8.47	196.04	113.30	30.76	113.30	0.29
5	cis-beta ocimene	8.78	41.69	35.67	10.57	35.67	0.09
6	trans beta ocimene	9.14	57.70	69.40	14.95	69.40	0.18
7	gamma terpinene	0.00	0.00	0.00	0.00	0.00	0.00
8	cis-linalool oxide	10.01	54.09	109.74	28.44	109.74	0.28
9	terpinolene	10.59	44.87	71.01	19.88	71.01	0.18
10	linalool	11.12	4874.17	1833.78	336.11	1833.78	4.62
11		11.22	0.00	31.75	11.11	31.75	0.08
12	cis-rose oxide	11.46	68.73	437.82	134.23	437.82	1.10
13	trans-rose oxide	12.07	84.12	225.52	62.16	225.52	0.57
14	camphor	12.76	43.95	41.87	10.13	41.87	0.11
15	menthone	13.11	1867.19	904.96	226.03	904.96	2.28
16	isomenthone	13.56	846.61	1768.21	345.48	1768.21	4.46
17	cis-pinovarveol	14.25	22.07	79.05	18.30	79.05	0.20
18	alpha terpineol	14.57	174.42	163.10	33.54	163.10	0.41
19	citronellol	16.52	74.11	13262.03	863.49	13262.03	33.44
20	neral (citral B)	16.70	6.45	203.12	47.30	203.12	0.51
21	linalyl acetate	0.00	0.00	0.00	0.00	0.00	0.00
22	neral	0.00	0.00	0.00	0.00	0.00	0.00
23	geraniol	17.53	1338.85	5877.80	528.83	5877.80	14.82
24	geranial	17.92	4.19	359.50	53.05	359.50	0.91
25	citronellyl formate	18.16	41.73	2662.59	457.55	2662.59	6.71
26		18.29	0.00	41.68	11.49	41.68	0.11
27	bornyl acetate	0.00	0.00	0.00	0.00	0.00	0.00
28	geranyl formate	19.16	65.66	1080.00	231.78	1080.00	2.72
29	alpha terpinyl acetate	20.92	90.86	100.32	19.99	100.32	0.25
30	eugenol	21.12	0.58	126.05	36.01	126.05	0.32
31	alpha copaene	21.94	75.99	228.98	58.77	228.98	0.58
32	geranyl acetate	22.30	257.35	632.87	149.51	632.87	1.60
33	beta caryophyllene	23.61	46.29	515.73	132.68	515.73	1.30
34		23.96	0.00	66.52	14.77	66.52	0.17
35	citronellyl propanoate	24.53	80.44	173.55	44.18	173.55	0.44
36		24.60	0.00	146.71	43.96	146.71	0.37
37		24.72	0.00	203.19	44.31	203.19	0.51

3601-LLZBT

Instrument 6890

C:\HPCHEM\2\DATA\2016\
36010005.DGeranium Rose (Organic)
3601-LLZBT
Egypt
pelargonium graveolens var.
roseum
Sample/Hexane: 0.11g/0.20g
Injection: 0.2uLHP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250um12/5/2016 10:29:33 AM
12/5/2016 10:29:33 AM12/5/2016
1:40:52 PM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
41		25.67	0.00	80.97	20.54	80.97	0.20
42	geranyl propanoate	25.79	285.13	322.80	87.04	322.80	0.81
43	germacrene D	25.95	31.48	472.93	104.35	472.93	1.19
44		26.12	0.00	97.15	20.52	97.15	0.24
45		26.33	0.00	56.35	11.94	56.35	0.14
46	gamma cadinene	26.52	161.86	340.05	45.82	340.05	0.86
47		26.69	0.00	102.34	22.29	102.34	0.26
48		27.04	0.00	44.74	11.32	44.74	0.11
49	delta cadinene	27.18	9.96	174.13	30.61	174.13	0.44
50	cis-calamenene	27.56	104.49	575.74	107.97	575.74	1.45
51		27.78	0.00	271.48	57.54	271.48	0.68
52	citronellyl n-butyrate	28.05	32.88	82.31	15.39	82.31	0.21
53	trans-calamenene	28.27	0.00	156.51	33.47	156.51	0.39
54	geranyl n-butyrate	28.97	19.40	437.24	101.82	437.24	1.10
55		29.47	0.00	122.49	23.59	122.49	0.31
56		29.62	0.00	109.09	17.65	109.09	0.28
57	phenethyl tiglate	29.80	269.06	342.04	83.76	342.04	0.86
58		30.49	0.00	81.42	13.39	81.42	0.21
59	10-epi-gamma-eudesmol	31.04	1545.65	1895.75	318.60	1895.75	4.78
60		31.26	0.00	101.54	15.91	101.54	0.26
61		31.39	0.00	59.43	13.64	59.43	0.15
62		31.53	0.00	114.38	20.65	114.38	0.29
63		31.80	0.00	177.17	27.21	177.17	0.45
64		31.92	0.00	104.65	26.05	104.65	0.26
65	beta eudesmol	32.00	0.00	95.47	25.67	95.47	0.24
66	alpha eudesmol	32.11	0.00	170.09	31.08	170.09	0.43
67	7-epi-alpha eudesmol	32.34	0.00	98.43	18.16	98.43	0.25
68		32.66	0.00	127.63	31.03	127.63	0.32
69		33.30	0.00	54.44	11.18	54.44	0.14
70	geranyl tiglate	33.89	1233.27	473.14	113.05	473.14	1.19
71		34.42	0.00	99.64	17.88	99.64	0.25
72		38.76	0.00	43.52	10.26	43.52	0.11



