

3524-DDAGX

Instrument 6890

C:\HPCHEM\2\DATA\2018\
35240000.D

Frankincense CO2 (Wildcrafted)

HP-5 5% Phenyl Methyl Siloxane

3524-DDAGX

30.000m

Somalia

250.000um

boswellia carteri

0.250um

Sample/Solvent: 0.06g/0.60g

Injection: 0.2uL

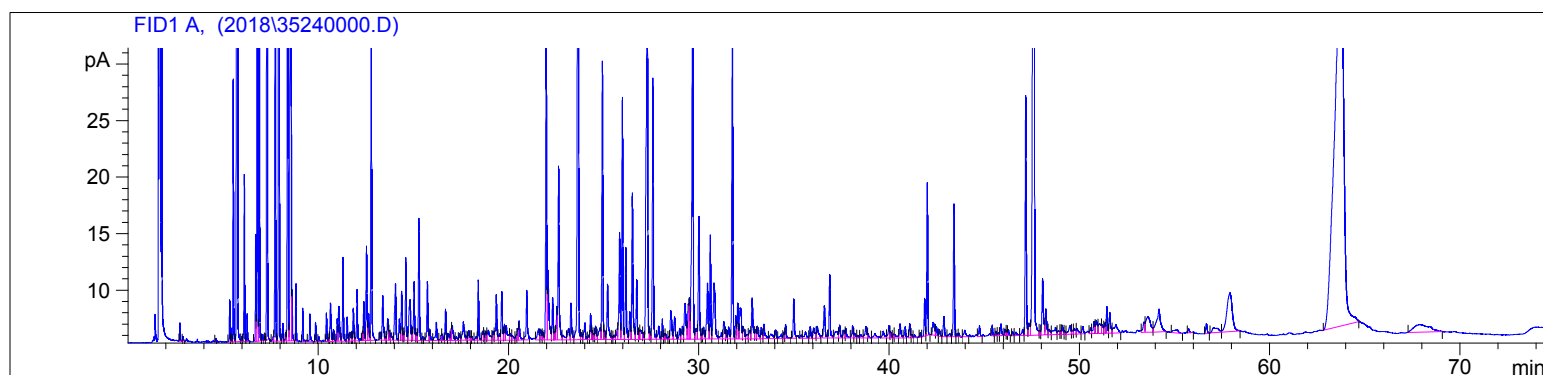
15:1 Split Ratio

4/24/2018 10:37:00 AM

4/24/2018

4/24/2018 10:37:00 AM

4:12:21 PM



#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
1		5.34	11.80	8.26	3.71	8.26	0.09
2	alpha thujene	5.53	13.12	53.07	23.22	53.07	0.55
3	alpha pinene	5.74	19.99	2011.27	784.93	2011.27	21.00
4	camphene	6.11	17.34	34.93	14.76	34.93	0.36
5		6.25	18.12	6.51	2.46	6.51	0.07
6		6.71	82.21	22.79	9.45	22.79	0.24
7	sabinene	6.80	26.45	321.19	136.31	321.19	3.35
8	beta pinene	6.90	15.14	74.69	31.44	74.69	0.78
9	myrcene	7.31	32.40	323.77	139.05	323.77	3.38
10	alpha phellandrene	7.73	25.76	134.26	52.68	134.26	1.40
11	delta-3 carene	7.93	114.37	385.57	150.18	385.57	4.03
12	alpha terpinene	8.13	4.44	4.20	1.56	4.20	0.04
13	para cymene	8.39	23.98	191.89	71.31	191.89	2.00
14	d-limonene	8.62	0.30	9.54	4.52	9.54	0.10
15	1.8 cineol	0.00	0.00	0.00	0.00	0.00	0.00
16	cis beta ocimene	8.84	17.01	12.96	5.05	12.96	0.14
17	trans beta ocimene	9.20	19.71	7.96	2.98	7.96	0.08
18	gamma terpinene	9.57	29.82	8.01	2.45	8.01	0.08
19		9.87	21.08	4.76	1.69	4.76	0.05
20		10.04	1.40	1.44	0.41	1.44	0.02
21		10.44	20.26	7.84	2.51	7.84	0.08
22	terpinolene	10.65	33.98	13.88	3.38	13.88	0.14
23		11.01	22.12	6.16	1.98	6.16	0.06
24	tetrahydrol linalool	11.09	20.62	13.73	3.10	13.73	0.14
25	cis-thujone	11.31	35.95	24.02	7.40	24.02	0.25
26	trans-thujone	11.77	0.26	0.66	0.29	0.66	0.01
27		11.85	21.15	10.49	2.90	10.49	0.11
28		12.05	20.47	15.54	4.54	15.54	0.16
29		12.40	35.56	11.06	3.42	11.06	0.12
30		12.65	12.73	8.61	2.40	8.61	0.09
31	trans-verbenol	12.80	15.11	105.73	33.27	105.73	1.10
32		13.39	72.15	16.10	3.93	16.10	0.17
33		13.54	2.58	0.95	0.31	0.95	0.01
34		13.66	30.77	7.89	1.88	7.89	0.08
35	terpin-4-ol	14.07	24.10	23.07	4.98	23.07	0.24
36		14.39	26.31	15.39	4.34	15.39	0.16

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35240000.D

Frankincense CO2 (Wildcrafted)

HP-5 5% Phenyl Methyl Siloxane

3524-DDAGX

30.000m

Somalia

250.000um

boswellia carteri

0.250um

Sample/Solvent: 0.06g/0.60g

Injection: 0.2uL

15:1 Split Ratio

4/24/2018 10:37:00 AM

4/24/2018

4/24/2018 10:37:00 AM

4:12:21 PM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
37		14.61	21.95	26.44	7.30	26.44	0.28
38	methyl chavicol	14.84	31.08	22.78	3.61	22.78	0.24
39		14.94	3.54	2.20	0.71	2.20	0.02
40		15.05	21.84	20.50	5.17	20.50	0.21
41	verbenone	15.30	14.53	38.59	10.81	38.59	0.40
42	octyl acetate	15.50	0.26	1.11	0.35	1.11	0.01
43		15.74	17.92	19.85	5.19	19.85	0.21
44		15.88	19.64	4.11	0.94	4.11	0.04
45		16.21	34.26	7.96	1.62	7.96	0.08
46		16.47	0.83	1.69	0.46	1.69	0.02
47		16.70	15.95	9.54	2.76	9.54	0.10
48		17.63	25.00	10.74	1.63	10.74	0.11
49		17.92	9.84	3.67	0.85	3.67	0.04
50		18.42	16.33	18.16	5.29	18.16	0.19
51		19.65	36.79	18.50	4.28	18.50	0.19
52		20.56	17.69	8.24	1.69	8.24	0.09
53		20.97	35.73	19.59	4.38	19.59	0.20
54	alpha copaene	21.99	52.67	94.81	26.51	94.81	0.99
55		22.08	57.50	34.22	6.18	34.22	0.36
56		22.33	12.79	15.36	3.73	15.36	0.16
57		22.55	44.90	10.99	2.97	10.99	0.11
58	beta elemene	22.64	17.00	60.52	15.35	60.52	0.63
59		23.29	48.97	14.66	3.23	14.66	0.15
60	beta caryophyllene	23.67	43.59	350.70	94.49	350.70	3.66
61		24.02	33.19	8.19	1.47	8.19	0.09
62		24.32	19.50	8.67	2.28	8.67	0.09
63		24.59	9.65	5.59	1.17	5.59	0.06
64	cis thujopsene	24.94	44.59	89.14	24.62	89.14	0.93
65	trans-beta farnesene	25.21	30.57	24.01	4.90	24.01	0.25
66	gamma gurjunene	25.85	29.55	40.21	9.47	40.21	0.42
67	gamma muurolene	26.00	34.37	79.62	21.41	79.62	0.83
68	germacrene D	26.17	17.38	30.69	8.13	30.69	0.32
69		26.38	33.52	9.83	2.45	9.83	0.10
70	beta selinene	26.52	24.04	55.28	12.95	55.28	0.58
71	cis-beta guaiene	26.74	31.46	21.61	5.29	21.61	0.23
72	epi-cubebol	27.08	1.18	2.43	0.58	2.43	0.03
73	cubebol	27.30	38.03	197.38	39.18	197.38	2.06
74	delta cadinene	27.60	38.85	87.88	23.06	87.88	0.92
75		28.09	25.31	6.31	1.79	6.31	0.07
76		28.54	14.75	14.09	2.54	14.09	0.15
77		28.74	17.41	11.40	1.98	11.40	0.12
78		29.15	19.16	6.00	1.16	6.00	0.06
79		29.28	18.76	20.58	3.16	20.58	0.21
80		29.46	25.07	11.70	3.13	11.70	0.12
81		29.51	25.52	13.50	3.66	13.50	0.14
82	caryophyllene alcohol	29.69	37.20	180.54	42.05	180.54	1.89
83		29.87	22.07	5.92	0.94	5.92	0.06
84	caryophyllene oxide	30.01	10.13	46.38	10.86	46.38	0.48
85		30.47	31.27	25.15	4.94	25.15	0.26
86		30.61	38.89	34.86	9.21	34.86	0.36
87		30.81	15.46	35.75	4.95	35.75	0.37
88		31.33	28.99	8.06	1.54	8.06	0.08
89		31.77	24.37	103.84	26.65	103.84	1.08
90		31.96	34.66	7.80	2.06	7.80	0.08
91		32.06	14.10	13.58	3.17	13.58	0.14

3524-DDAGX

Instrument 6890

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35240000.DFrankincense CO2 (Wildcrafted)
3524-DDAGX
Somalia
boswellia carteri
Sample/Solvent: 0.06g/0.60g
Injection: 0.2uL
15:1 Split RatioHP-5 5% Phenyl Methyl Siloxane
30.000m
250.000um
0.250um

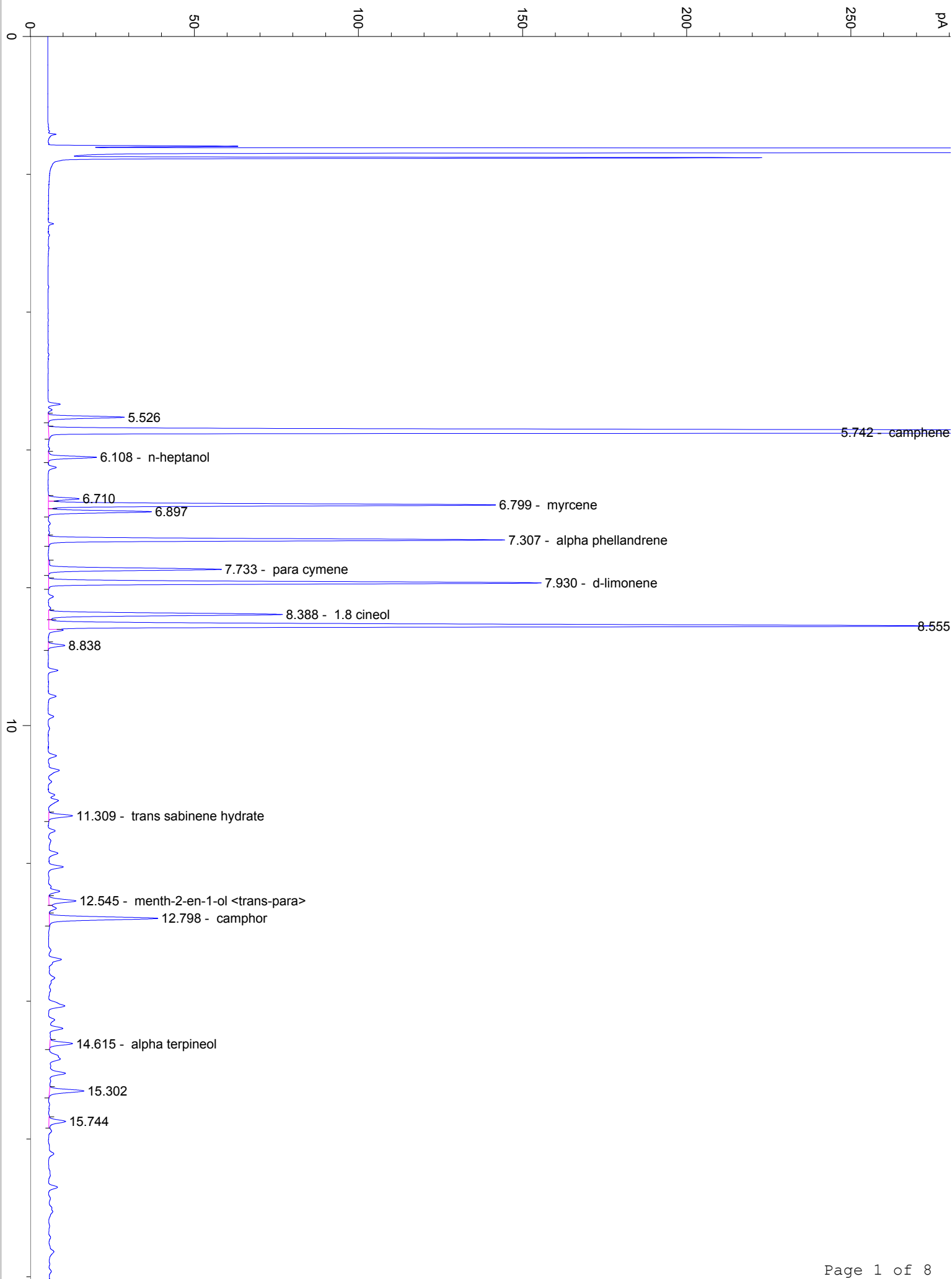
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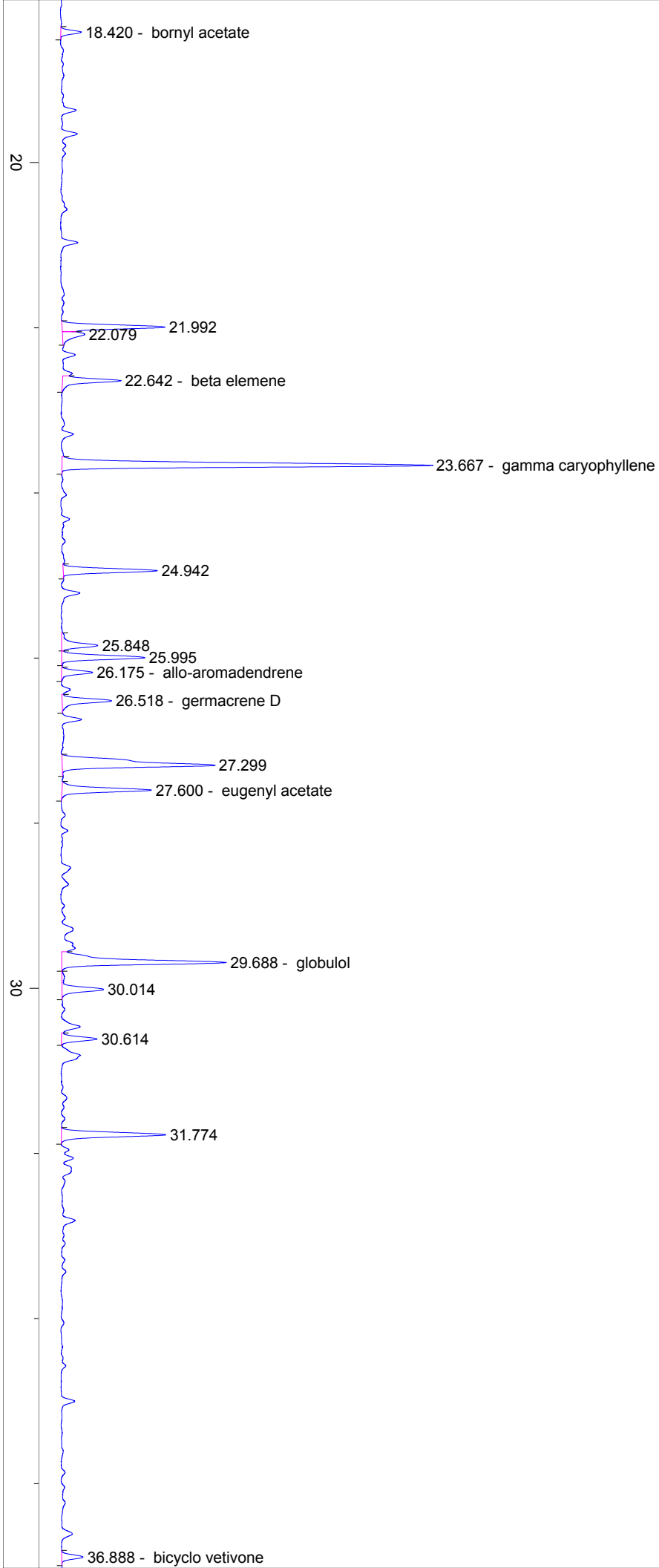
4/24/2018

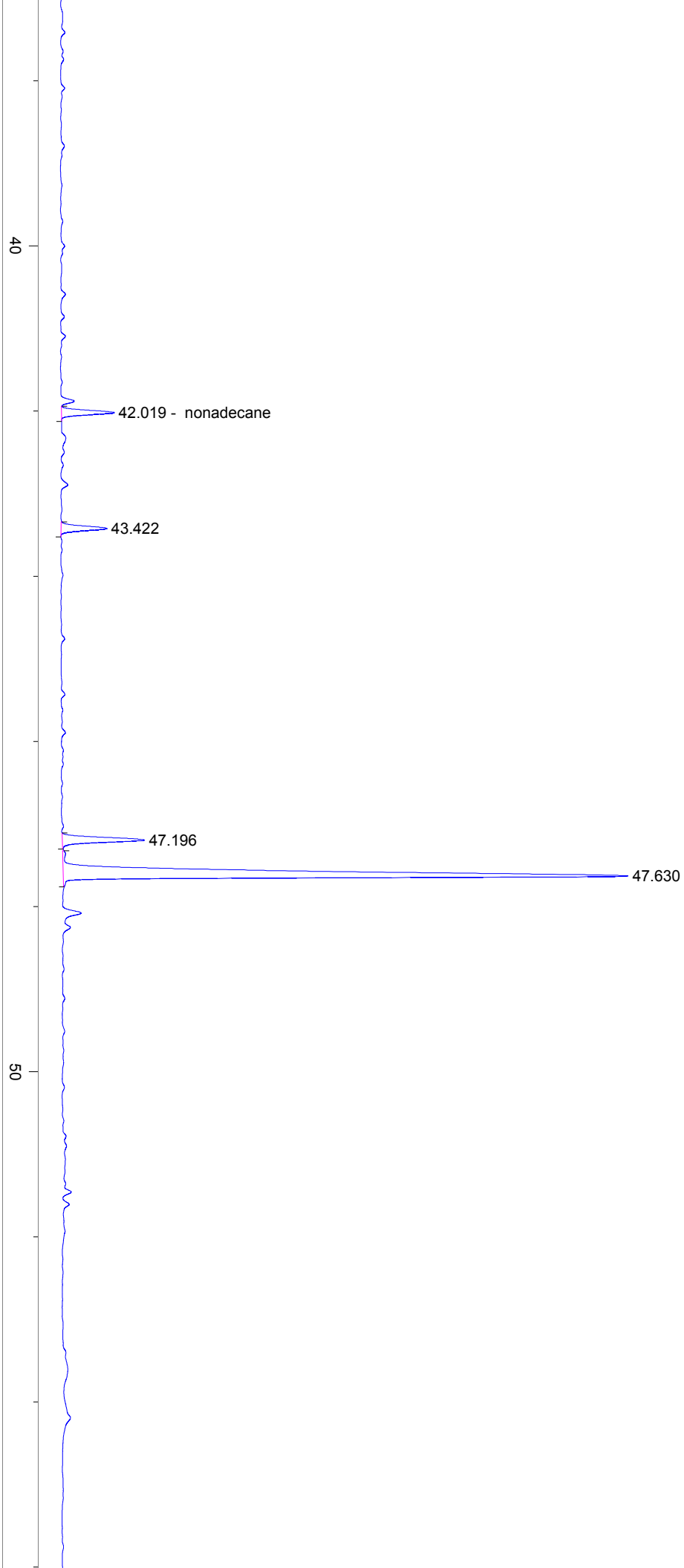
4/24/2018 10:37:00 AM

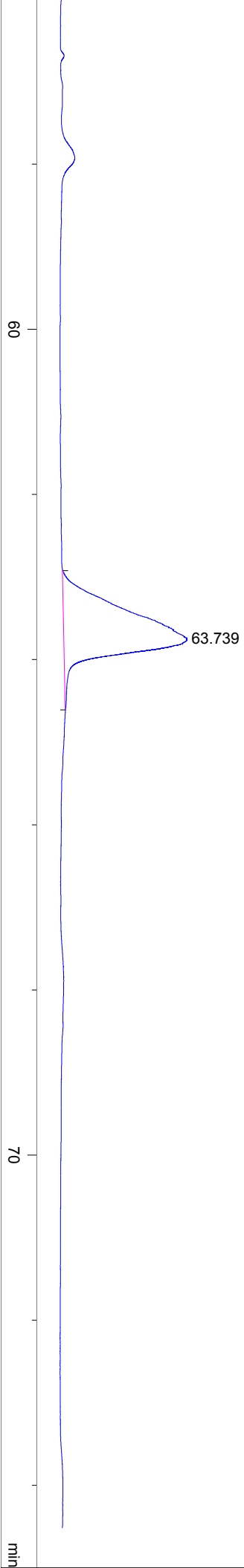
4:12:21 PM

#	Compound Name	Meas. Ret.	Amount	Response	Height	Area	Area %
92		32.18	24.31	19.72	2.72	19.72	0.21
93		32.81	35.51	18.88	3.61	18.88	0.20
94		33.43	17.28	7.38	1.27	7.38	0.08
95		35.00	35.01	14.81	3.46	14.81	0.15
96		35.86	17.28	4.36	1.02	4.36	0.05
97		36.04	13.96	5.74	0.90	5.74	0.06
98		36.89	15.09	22.35	5.59	22.35	0.23
99		37.41	20.45	5.66	1.15	5.66	0.06
100		38.09	16.68	4.79	1.08	4.79	0.05
101		39.70	5.77	4.23	0.59	4.23	0.04
102		40.58	19.75	6.78	1.24	6.78	0.07
103		41.09	8.06	5.28	1.24	5.28	0.06
104		41.88	24.08	11.77	3.35	11.77	0.12
105	cembrene	42.02	8.56	49.45	13.49	49.45	0.52
106		42.33	21.27	7.99	1.11	7.99	0.08
107		42.89	20.14	8.38	1.78	8.38	0.09
108		43.19	6.09	1.99	0.27	1.99	0.02
109	cembrenol	43.42	4.74	45.06	11.73	45.06	0.47
110		43.58	3.61	1.02	0.27	1.02	0.01
111		43.68	3.49	1.24	0.32	1.24	0.01
112		44.76	8.10	4.60	0.94	4.60	0.05
113		45.43	11.06	3.55	0.94	3.55	0.04
114		45.89	12.36	4.76	1.04	4.76	0.05
115		46.51	5.15	1.20	0.32	1.20	0.01
116		47.20	14.12	87.46	21.20	87.46	0.91
117	incensole	47.63	15.13	719.13	144.08	719.13	7.51
118		48.08	44.03	26.18	4.98	26.18	0.27
119		48.42	0.34	3.60	0.48	3.60	0.04
120		49.11	18.68	4.17	0.80	4.17	0.04
121		50.78	11.75	6.09	1.05	6.09	0.06
122		50.90	21.32	7.55	1.14	7.55	0.08
123		51.21	7.21	5.08	0.75	5.08	0.05
124		51.46	21.59	9.94	2.32	9.94	0.10
125		51.61	19.55	9.27	1.82	9.27	0.10
126		51.93	18.24	10.19	0.74	10.19	0.11
127		0.00	0.00	0.00	0.00	0.00	0.00









Data File C:\HPCHEM\2\DATA\2018\35240000.D
Frankincense CO2 (Wildcrafted)
3524-DDAGX
Somalia
boswellia carteri
Sample/Solvent: 0.06g/0.60g
Injection: 0.2uL
15:1 Split Ratio

Sample Name: 3524-DDAGX

=====
Injection Date : 4/24/2018 10:37:00 AM
Sample Name : 3524-DDAGX Location : Vial 1
Acq. Operator : aaron Inj : 1
Acq. Instrument : Instrument 6890 Inj Volume : Manually
Method : C:\HPCHEM\2\METHODS\ADAMS.M
Last changed : 12/16/2016 2:24:45 PM by Aaron Applegate
=====

=====
Area Percent Report
=====

Sorted By : Signal
Calib. Data Modified : 9/27/2016 9:10:04 AM
Multiplier : 1.0000
Dilution : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Area %	Name
1	5.120		0.0000	0.00000	0.00000	alpha thujene
2	5.320		0.0000	0.00000	0.00000	alpha pinene
3	5.742	BB	0.0379	2008.17212	25.27142	camphene
4	6.108	VB	0.0363	34.45973	0.43365	n-heptanol
5	6.320		0.0000	0.00000	0.00000	sabinene
6	6.430		0.0000	0.00000	0.00000	beta pinene
7	6.620		0.0000	0.00000	0.00000	3-octanone
8	6.799	VV	0.0370	320.80991	4.03716	myrcene
9	7.307	VB	0.0362	323.73230	4.07394	alpha phellandrene
10	7.400		0.0000	0.00000	0.00000	delta-3 carene
11	7.733	BB	0.0399	134.68544	1.69492	para cymene
12	7.930	BB	0.0404	384.51065	4.83879	d-limonene
13	8.388	VV	0.0423	191.04352	2.40415	1.8 cineol
14	9.125		0.0000	0.00000	0.00000	trans beta ocimene
15	9.494		0.0000	0.00000	0.00000	gamma terpinene
16	9.815		0.0000	0.00000	0.00000	cis-sabinene hydrate
17	10.008		0.0000	0.00000	0.00000	cis-linalool oxide
18	10.518		0.0000	0.00000	0.00000	alpha terpinolene
19	11.120		0.0000	0.00000	0.00000	linalool
20	11.309	BB	0.0470	21.70396	0.27313	trans sabinene hydrate
21	11.996		0.0000	0.00000	0.00000	beta phenylethyl alcohol
22	12.364		0.0000	0.00000	0.00000	menth-2-en-1-ol <cis-para>
23	12.410		0.0000	0.00000	0.00000	trans pinocarveol
24	12.545	VV	0.0522	28.27889	0.35587	menth-2-en-1-ol <trans-para>
25	12.798	VB	0.0470	101.94118	1.28286	camphor
26	13.050		0.0000	0.00000	0.00000	citronellal
27	13.445		0.0000	0.00000	0.00000	borneol
28	13.599		0.0000	0.00000	0.00000	lavandulol
29	14.029		0.0000	0.00000	0.00000	terpin-4-ol
30	14.237		0.0000	0.00000	0.00000	cis-pinovarveol
31	14.615	BP	0.0480	21.19771	0.26676	alpha terpineol
32	16.098		0.0000	0.00000	0.00000	nerol
33	16.466		0.0000	0.00000	0.00000	citronellol
34	16.649		0.0000	0.00000	0.00000	neral (citral B)
35	17.171		0.0000	0.00000	0.00000	linalyl acetate
36	17.390		0.0000	0.00000	0.00000	geraniol
37	17.822		0.0000	0.00000	0.00000	geranial
38	18.420	BB	0.0522	17.00434	0.21399	bornyl acetate
39	18.634		0.0000	0.00000	0.00000	thymol

Data File C:\HPCHEM\2\DATA\2018\35240000.D
 Frankincense CO2 (Wildcrafted)
 3524-DDAGX
 Somalia
 boswellia carteri
 Sample/Solvent: 0.06g/0.60g
 Injection: 0.2uL
 15:1 Split Ratio

Sample Name: 3524-DDAGX

```
=====
Injection Date   : 4/24/2018 10:37:00 AM
Sample Name      : 3524-DDAGX                Location : Vial 1
Acq. Operator    : aaron                      Inj       : 1
Acq. Instrument  : Instrument 6890            Inj Volume: Manually
Method           : C:\HPCHEM\2\METHODS\ADAMS.M
Last changed     : 12/16/2016 2:24:45 PM by Aaron Applegate
=====
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Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Area %	Name
40	20.000		0.0000	0.00000	0.00000	methyl geranate
41	20.860		0.0000	0.00000	0.00000	alpha terpinyl acetate
42	21.273		0.0000	0.00000	0.00000	eugenol
43	21.347		0.0000	0.00000	0.00000	neryl acetate
44	22.232		0.0000	0.00000	0.00000	geranyl acetate
45	22.642	VB	0.0568	54.47179	0.68549	beta elemene
46	23.270		0.0000	0.00000	0.00000	isoeugenol
47	23.539		0.0000	0.00000	0.00000	methyl eugenol
48	23.667	BP	0.0584	341.90643	4.30265	gamma caryophyllene
49	24.060		0.0000	0.00000	0.00000	alpha gurjunene
50	24.239		0.0000	0.00000	0.00000	beta caryophyllene
51	24.895		0.0000	0.00000	0.00000	alpha humulene
52	25.058		0.0000	0.00000	0.00000	aromadendrene
53	25.745		0.0000	0.00000	0.00000	dehydro-aromadendrane
54	26.175	BB	0.0530	27.77327	0.34951	allo-aromadendrene
55	26.518	VB	0.0604	50.03688	0.62968	germacrene D
56	27.456		0.0000	0.00000	0.00000	virid forene
57	27.600	BP	0.0555	82.70075	1.04073	eugenyl acetate
58	28.495		0.0000	0.00000	0.00000	delta cadinene
59	29.688	VV	0.0645	177.33160	2.23159	globulol
60	29.890		0.0000	0.00000	0.00000	caryophyllene alcohol
61	34.444		0.0000	0.00000	0.00000	zizanal
62	36.888	BB	0.0572	19.67900	0.24765	bicyclo vetivone
63	37.586		0.0000	0.00000	0.00000	beta vetivone
64	38.304		0.0000	0.00000	0.00000	alpha vetivone
65	39.406		0.0000	0.00000	0.00000	farnesyl acetate <(Z,E)>
66	40.248		0.0000	0.00000	0.00000	farnesyl acetate <(E,E)>
67	42.019	VB	0.0576	49.20678	0.61923	nonadecane

Totals : 4390.64626 55.2532

Results obtained with enhanced integrator!
 2 Warnings or Errors :

Warning : Calibration warnings (see calibration table listing)
 Warning : Calibrated compound(s) not found

Summed Peaks Report

Signal 1: FID1 A,

Final Summed Peaks Report

Name	Total Area [pA*s]	Area %
alpha thujene	0.00000	0.0000
alpha pinene	0.00000	0.0000

Data File C:\HPCHEM\2\DATA\2018\35240000.D
 Frankincense CO2 (Wildcrafted)
 3524-DDAGX
 Somalia
 boswellia carteri
 Sample/Solvent: 0.06g/0.60g
 Injection: 0.2uL
 15:1 Split Ratio

Sample Name: 3524-DDAGX

```
=====
Injection Date   : 4/24/2018 10:37:00 AM
Sample Name      : 3524-DDAGX
Acq. Operator    : aaron
Acq. Instrument  : Instrument 6890
Method           : C:\HPCHEM\2\METHODS\ADAMS.M
Last changed     : 12/16/2016 2:24:45 PM by Aaron Applegate
=====
```

Name	Total Area [pA*s]	Area %
----- ----- -----		
camphene	2008.17212	25.2714
n-heptanol	34.45973	0.4337
sabinene	0.00000	0.0000
beta pinene	0.00000	0.0000
3-octanone	0.00000	0.0000
myrcene	320.80991	4.0372
alpha phellandr	323.73230	4.0739
delta-3 carene	0.00000	0.0000
para cymene	134.68544	1.6949
d-limonene	384.51065	4.8388
1.8 cineol	191.04352	2.4041
trans beta ocim	0.00000	0.0000
gamma terpinene	0.00000	0.0000
cis-sabinene hy	0.00000	0.0000
cis-linalool ox	0.00000	0.0000
alpha terpinole	0.00000	0.0000
linalool	0.00000	0.0000
trans sabinene	21.70396	0.2731
beta phenylethy	0.00000	0.0000
menth-2-en-1-ol	0.00000	0.0000
trans pinocarve	0.00000	0.0000
menth-2-en-1-ol	28.27889	0.3559
camphor	101.94118	1.2829
citronellal	0.00000	0.0000
borneol	0.00000	0.0000
lavandulol	0.00000	0.0000
terpin-4-ol	0.00000	0.0000
cis-pinovarveol	0.00000	0.0000
alpha terpineol	21.19771	0.2668
nerol	0.00000	0.0000
citronellol	0.00000	0.0000
neral (citral B	0.00000	0.0000
linalyl acetate	0.00000	0.0000
geraniol	0.00000	0.0000
geranial	0.00000	0.0000
bornyl acetate	17.00434	0.2140
thymol	0.00000	0.0000
methyl geranate	0.00000	0.0000
alpha terpinyl	0.00000	0.0000
eugenol	0.00000	0.0000
neryl acetate	0.00000	0.0000
geranyl acetate	0.00000	0.0000
beta elemene	54.47179	0.6855
isoeugenol	0.00000	0.0000
methyl eugenol	0.00000	0.0000
gamma caryophyl	341.90643	4.3026
alpha gurjunene	0.00000	0.0000
beta caryophyll	0.00000	0.0000
alpha humulene	0.00000	0.0000
aromadendrene	0.00000	0.0000
dehydro-aromade	0.00000	0.0000
allo-aromadendr	27.77327	0.3495

Data File C:\HPCHEM\2\DATA\2018\35240000.D
Frankincense CO2 (Wildcrafted)
3524-DDAGX
Somalia
boswellia carteri
Sample/Solvent: 0.06g/0.60g
Injection: 0.2uL
15:1 Split Ratio

Sample Name: 3524-DDAGX

=====
Injection Date : 4/24/2018 10:37:00 AM
Sample Name : 3524-DDAGX Location : Vial 1
Acq. Operator : aaron Inj : 1
Acq. Instrument : Instrument 6890 Inj Volume : Manually
Method : C:\HPCHEM\2\METHODS\ADAMS.M
Last changed : 12/16/2016 2:24:45 PM by Aaron Applegate
=====

Name	Total Area [pA*s]	Area %
----- ----- -----		
germacrene D	50.03688	0.6297
virid forene	0.00000	0.0000
eugenyl acetate	82.70075	1.0407
delta cadinene	0.00000	0.0000
globulol	177.33160	2.2316
caryophyllene a	0.00000	0.0000
zizanal	0.00000	0.0000
bicyclo vetivon	19.67900	0.2476
beta vetivone	0.00000	0.0000
alpha vetivone	0.00000	0.0000
farnesyl acetat	0.00000	0.0000
farnesyl acetat	0.00000	0.0000
nonadecane	49.20678	0.6192

Totals : 55.2532

*** End of Report ***