



*Essential Validation Services*



**Nature's** FUSIONS  
ESSENTIAL OILS



**Sample:**

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Client: | Nature's Fusions  
Sample: | Citrus Dreams (Uplifting)  
Batch # | NF-NF.CITR-18-A  
CAS Number |  
Type: | Blend

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**Conclusion:**

- No adulterants, diluents, or contaminants were detected via this method.
- This oil meets the expected profile for genuine oil of Citrus Dreams (Uplifting).



X 

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Validated By:

Essential Validation Services

747 SW 2nd Ave, Gainesville, FL 32601

Phone: 317-361-5044 E-mail: Adam@essentialvalidationservices.com

**Summary of Analyses**

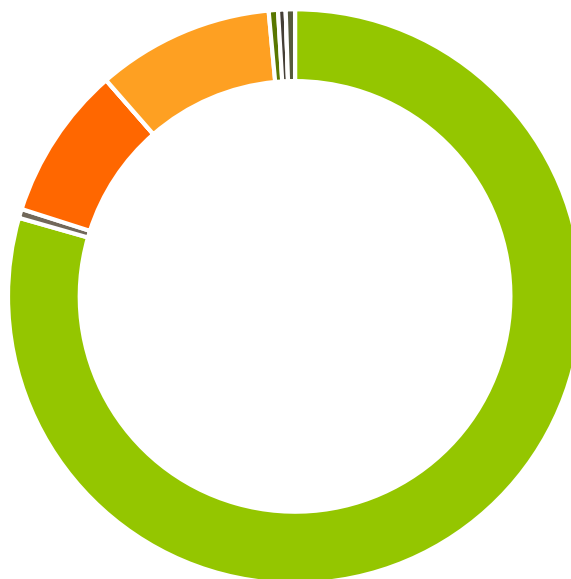
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A fresh sample of Citrus Dreams (Uplifting) (10 uL in .5to.5 mL Hexane + ETOH) was prepared and analyzed via split injection GC/EI-MS.



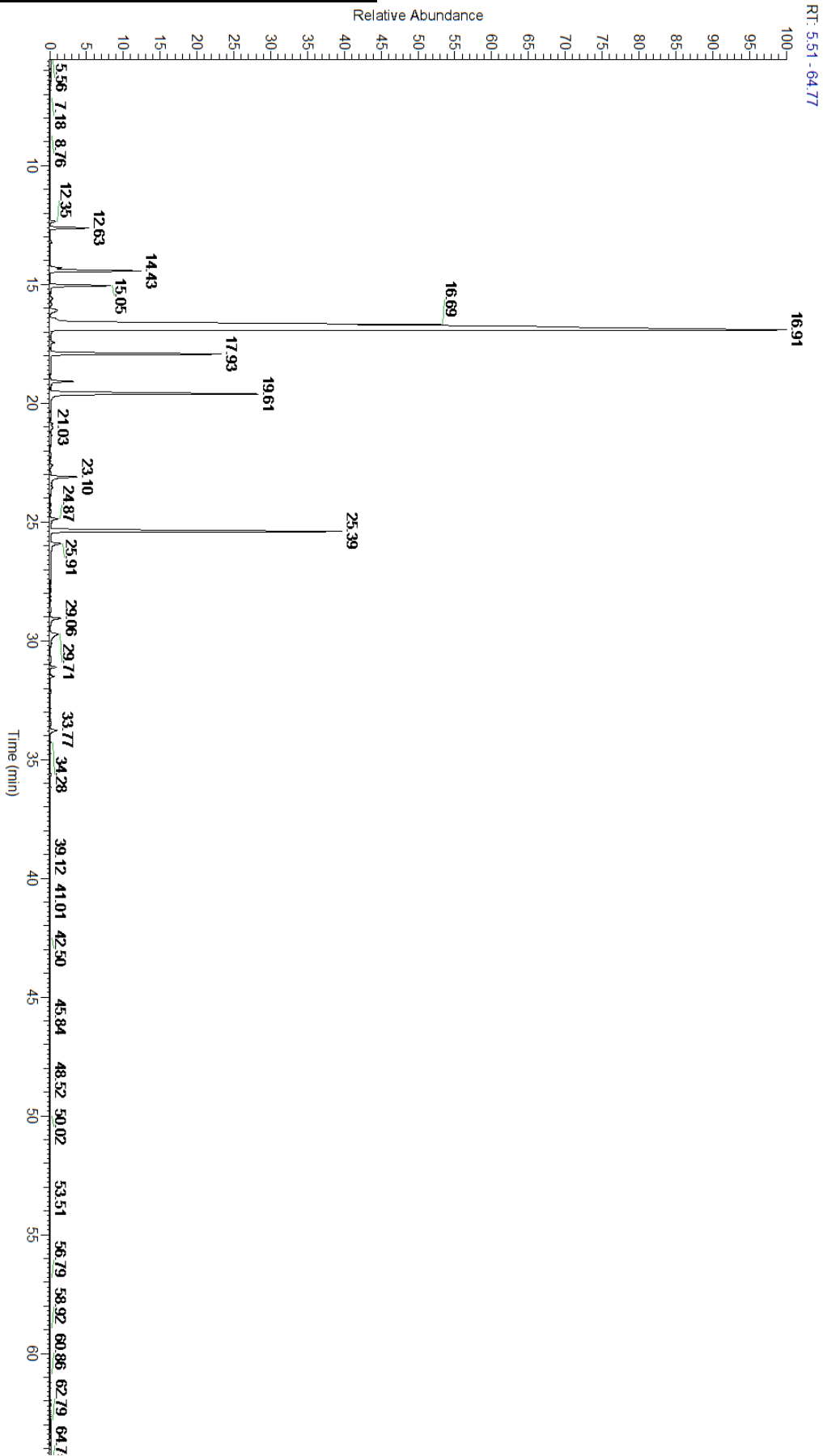
Main Compounds	Percentages
Limonene	66.85%
Linalyl acetate	9.05%
Linalool	7.62%
gamma-Terpinene	5.23%
beta-Pinene	2.74%
Myrcene	1.82%
alpha-Pinene	1.09%
alpha-Terpineol	0.97%
Terpinolene	0.66%
Geranyl acetate	0.50%
Neryl acetate	0.41%
1,4-Cineole	0.40%
Geranial	0.39%

Monoterpenes	Sesquiterpenes	Monoterpenols	Sesquiterpenols	Ketones
79.41%	0.51%	8.65%	0.00%	0.00%
Esters	Ethers	Aldehydes	Phenols	Other
9.96%	0.52%	0.43%	0.00%	0.52%



- Monoterpenes
- Sesquiterpenes
- Monoterpenols
- Sesquiterpenols
- Ketones
- Esters
- Ethers
- Phenols
- Other

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Total Percentage		99.48%			
Peak Number	RT	Area %	Compound Name	RI	Chemical Family
1	12.35	0.14%	alpha-Thujene	927.80	Monoterpene
2	12.63	1.09%	alpha-Pinene	936.10	Monoterpene
3	13.23	0.04%	Camphene	950.30	Monoterpene
4	14.30	0.33%	Sabinene	973.00	Monoterpene
5	14.43	2.74%	beta-Pinene	974.00	Monoterpene
6	15.05	1.82%	Myrcene	989.20	Monoterpene
7	15.59	0.09%	alpha-Phellandrene	1002.00	Monoterpene
8	15.84	0.05%	delta-3-Carene	1008.00	Monoterpene
9	16.07	0.40%	1,4-Cineole	1012.00	Monoterpene Ether
10	16.69	66.85%	Limonene	1029.50	Monoterpene
11	17.03	0.01%	(Z)-beta-Ocimene	1037.80	Monoterpene
12	17.45	0.11%	(E)-beta-Ocimene	1047.70	Monoterpene
13	17.93	5.23%	gamma-Terpinene	1054.00	Monoterpene
14	19.09	0.66%	Terpinolene	1092.10	Monoterpene
15	19.61	7.62%	Linalool	1099.00	Monoterpenol
16	21.03	0.12%	Trans-Limonene oxide	1138.10	Monoterpene Ether
17	22.61	0.06%	Terpinen-4-ol	1180.57	Monoterpenol
18	23.10	0.97%	alpha-Terpineol	1191.71	Monoterpenol
19	24.87	0.25%	Citral	1244.12	Monoterpene
20	25.01	0.04%	Neral	1246.57	Monoterpene Aldehyde
21	25.39	9.05%	Linalyl acetate	1263.80	Monoterpene Ester
22	25.91	0.39%	Geranial	1272.00	Monoterpene Aldehyde
23	29.06	0.41%	Neryl acetate	1362.90	Monoterpene Ester
24	29.71	0.50%	Geranyl acetate	1379.20	Monoterpene Ester
25	31.11	0.16%	beta-Caryophyllene	1427.14	Sesquiterpene
26	31.50	0.10%	trans-alpha-Bergamotene	1435.00	Sesquiterpene
27	33.77	0.25%	beta-Bisabolene	1509.86	Sesquiterpene