



## *Essential Validation Services*



### Sample:

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Client: | Nature's Fusions  
Sample: | Lemon (Citrus x limon)  
Batch # | NF-LEMO-18-A  
CAS Number | 8008-56-8  
Type: | Essential Oil

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### Conclusion:

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



X 

Validated By:

Essential Validation Services

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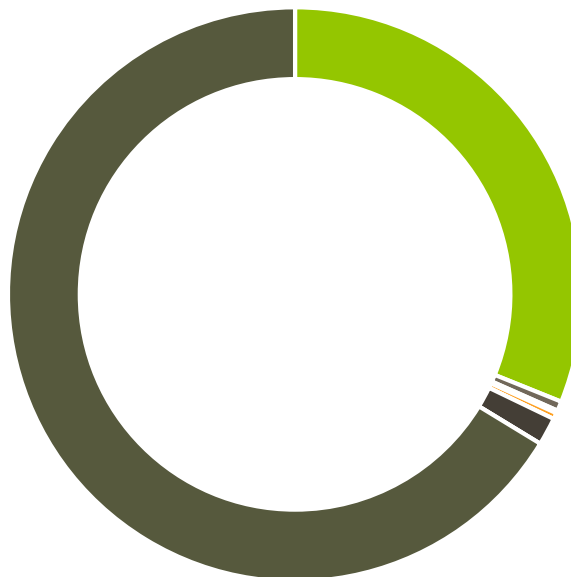
### Summary of Analyses

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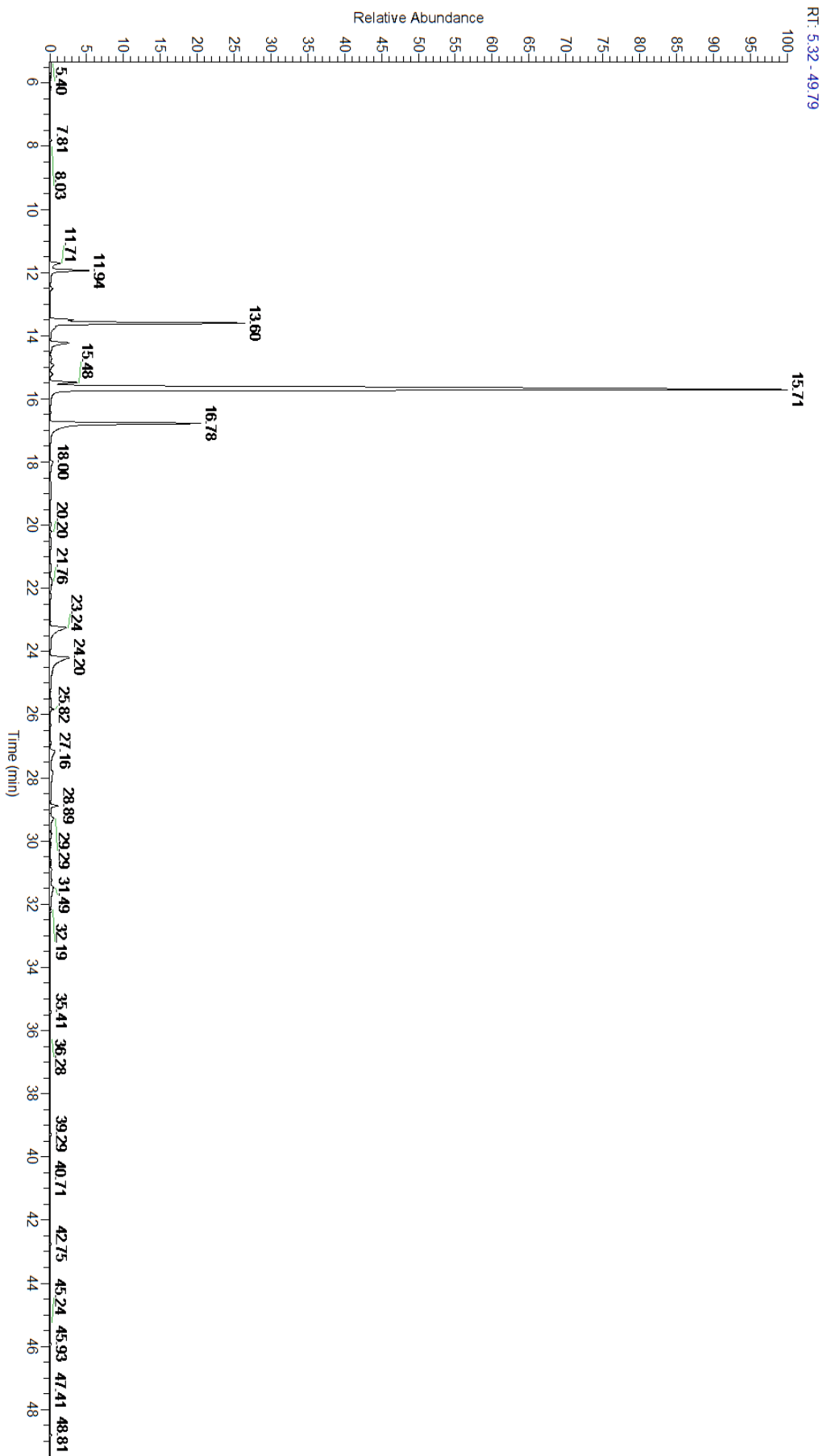
A fresh sample of Lemon (Citrus x limon) (10 uL in .5to.5 mL Hexane + ETOH) was prepared and analyzed via split injection GC/EI-MS.

Main Compounds	Percentages
Limonene	61.42%
beta-Pinene	11.15%
gamma-Terpinene	10.04%
Geranial (Co-Eluting)	2.48%
alpha-Pinene	2.31%
Neral	1.92%
Myrcene	1.62%
para-Cymene	1.44%
Sabinene	1.06%
alpha-Thujene	0.75%
Neryl acetate	0.67%
beta-Bisabolene	0.56%
beta-Caryophyllene	0.40%

Monoterpenes	Sesquiterpenes	Monoterpenols	Sesquiterpenols	Ketones
90.50%	1.56%	0.43%	0.00%	0.03%
Esters	Ethers	Aldehydes	Phenols	Other
1.03%	0.00%	4.54%	0.00%	1.91%



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



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