



Sample:

Client: | Appalachian Valley Natural Products

Sample: | Myrrh (Commiphora myrrha)

Batch # | ComMyr418a

CAS Number | 8016-37-3

Type: | Essential Oil

Conclusion:

- No adulterants, diluents, or contaminants were detected via this method.
- This oil meets the expected profile for genuine essential oil of Myrrh (Commiphora myrrha).



X

Validated By: Digitally signed by Adam Christensen
Date: 2018.04.19 12:17:50 -04'00'

Essential Validation Services

747 SW 2nd Ave, Gainesville, FL 32601

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

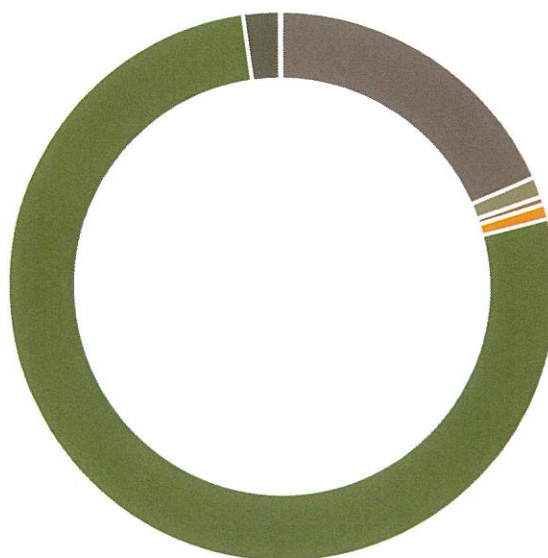
Summary of Analyses

A fresh sample of Myrrh (Commiphora myrrha) Essential Oil (10 uL in .5 to .5 mL Hexane + ETOH) was prepared and analyzed via split injection GC/EI-MS.

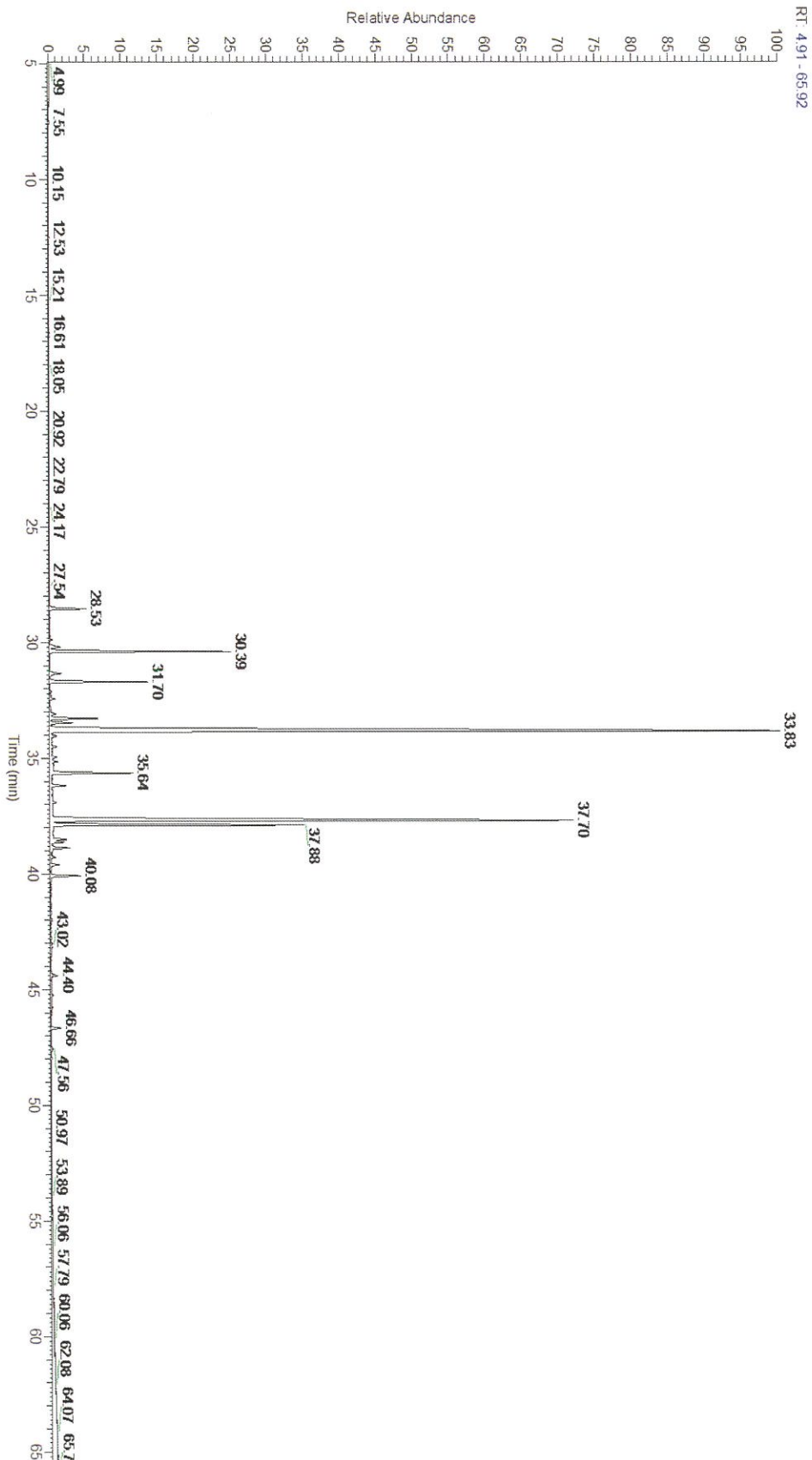


Main Compounds	Percentages
Curzerene	41.99%
Furanoeudesma-1,3-diene	25.23%
Lindestrene	8.53%
beta-Elemene	6.06%
gamma-Elemene	3.34%
Germacrene B	2.86%
Germacrene D	1.65%
delta-Elemene	1.21%
2-Methoxyfuranodiene	1.00%
beta-Selinene	0.77%
Elemol acetate	0.59%
beta-Caryophyllene	0.55%
11-Selinenol-4, alpha	0.52%

Monoterpenes	Sesquiterpenes	Monoterpenols	Sesquiterpenols	Ketones
0.07%	18.46%	0.00%	1.19%	0.46%
Esters	Ethers	Aldehydes	Phenols	Other
0.88%	76.77%	0.00%	0.00%	2.17%



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





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