

Sample Information

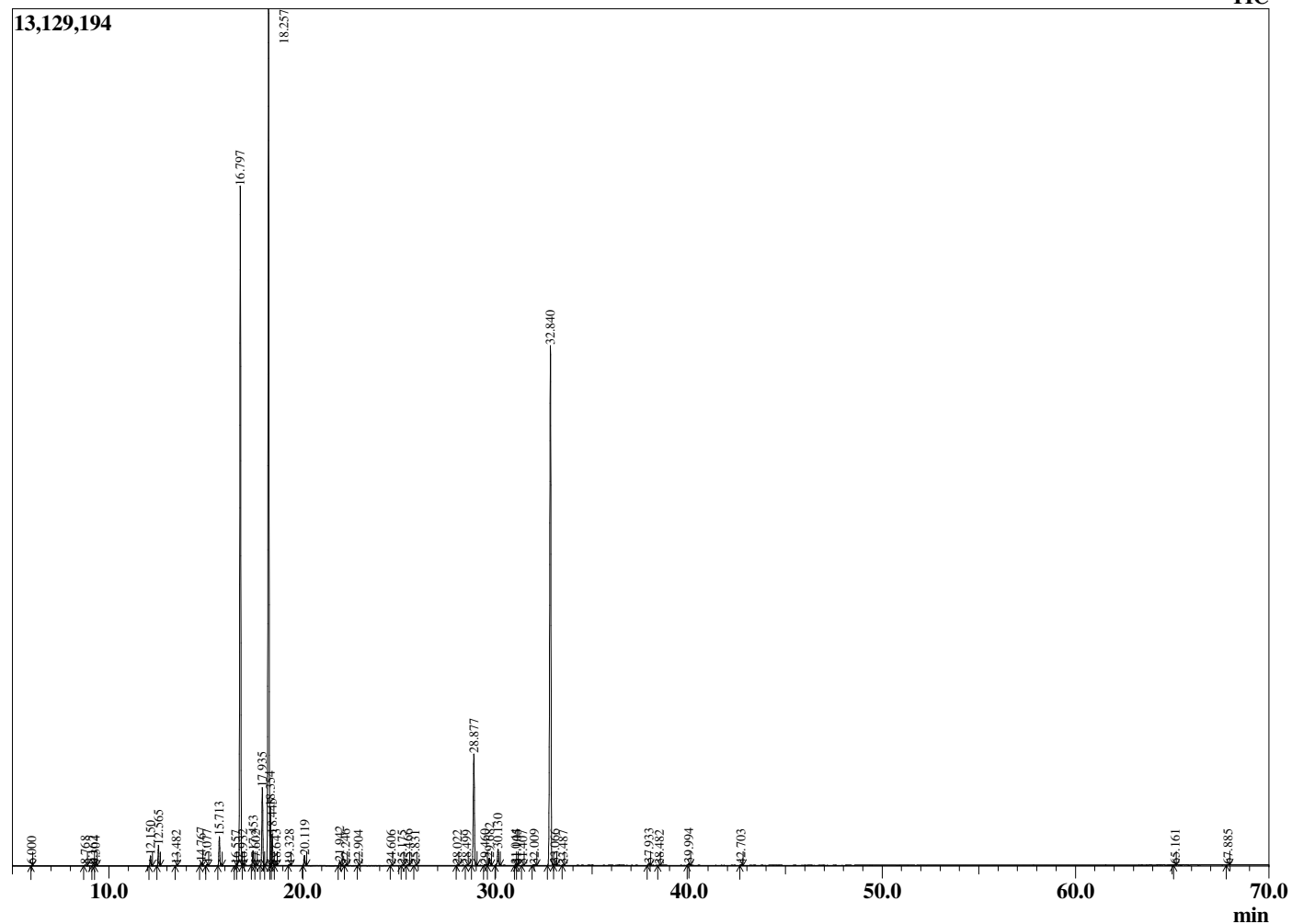
Analyzed by : Dr. Robert S. Pappas  
 Analyzed : 6/7/2018 10:56:02 PM  
 Sample Type : Essential Oil  
 Sample Name : Dill Weed Edens Garden  
 Sample ID : AH01FH  
 Injection Volume : 0.10  
 Instrument ID : GC-3



Peak Report TIC

R.Time	Name	Area%
6.000	Toluene	0.02
8.768	3-cis-Hexenol	0.04
9.162	2-trans-Hexenol	0.03
9.304	n-Hexanol	0.03
12.150	alpha-Thujene	0.32
12.565	alpha-Pinene	0.67
13.482	Camphene	0.02
14.767	Sabinene	0.13
15.077	beta-Pinene	0.06
15.713	Myrcene	1.05
16.557	Octanal	0.01
16.797	alpha-Phellandrene	25.79
16.932	delta-3-Carene	0.02
17.453	alpha-Terpinene	0.56
17.602	ortho-Cymene	0.01
17.935	para-Cymene	2.99
18.257	Limonene	33.26
18.354	beta-Phellandrene	2.01
18.445	1,8-Cineole	1.16
18.643	cis-beta-Ocimene	0.03
19.328	trans-beta-Ocimene	0.04
20.119	gamma-Terpinene	0.40
21.942	Terpinolene	0.16
22.246	para-Cymenene	0.04
22.904	Linalool	0.01
24.606	cis-para-Menth-2-en-1-ol	0.01
25.175	cis-Limonene oxide	0.02
25.466	trans-Limonene oxide	0.03
25.831	Unidentified	0.01
28.022	Carvenone	0.02
28.499	Terpinen-4-ol	0.02
28.877	Dill Ether	4.93
29.460	Unidentified	0.06
29.682	(Z)-Dihydrocarvone	0.34
30.130	(E)-Dihydrocarvone	0.77
31.044	Unidentified	0.03
31.105	trans-Carveol	0.02
31.407	Unidentified	0.02
32.009	Unidentified	0.07
32.840	Carvone	24.49
33.066	Unidentified	0.04
33.487	Piperitone	0.01
37.933	Unidentified	0.08
38.482	Unidentified	0.02
39.994	Eugenol	0.08
42.703	Unidentified	0.04
65.161	Unidentified	0.02
67.885	Unidentified	0.02
		100.00

Chromatogram Dill Weed Edens Garden



Comments:

The analysis of this Dill Weed batch sample meets the expected chemical profile for authentic essential oil of *Anethum graveolens*. No contamination or adulteration was detected.