

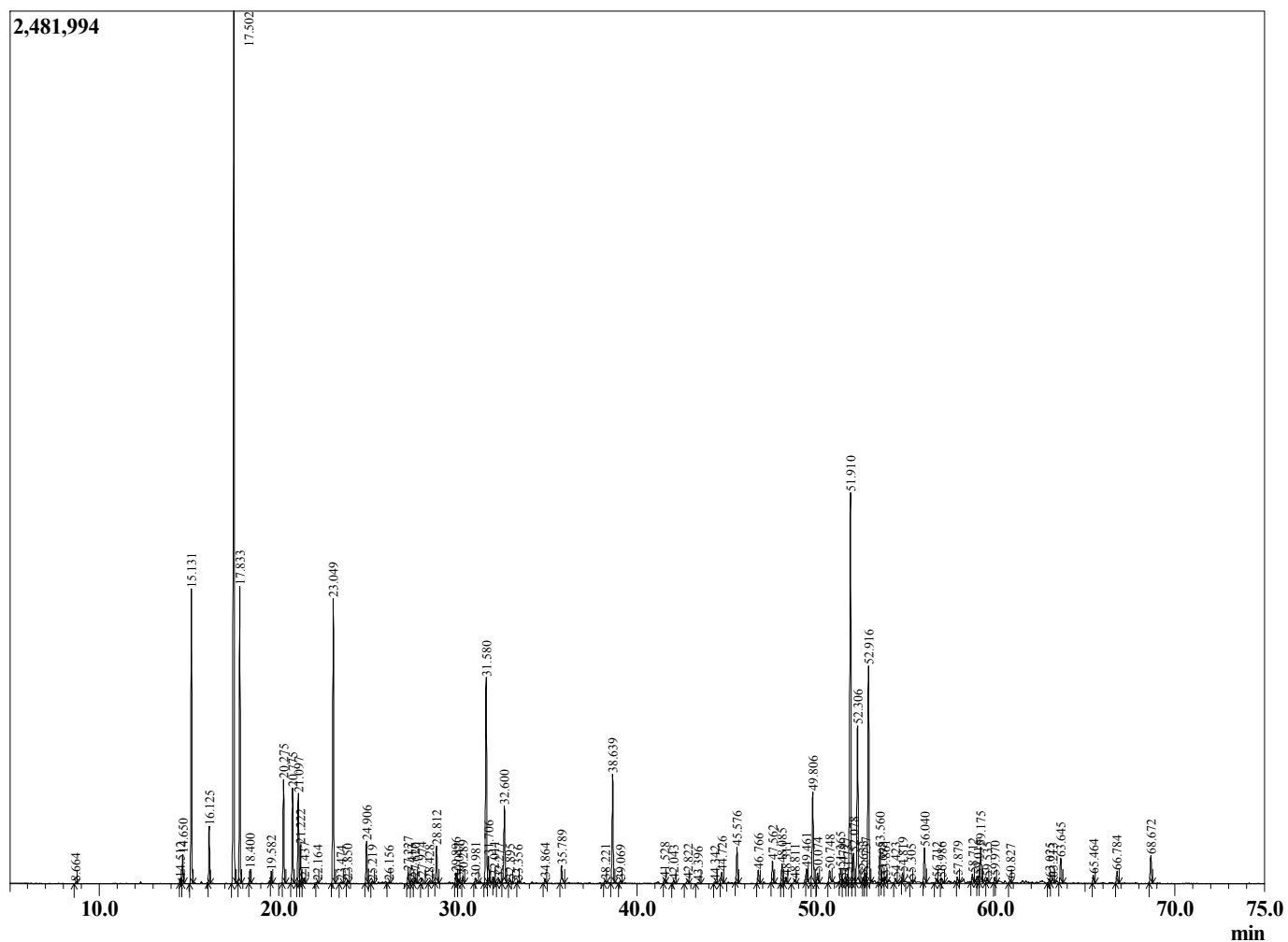
Sample Information

Analyzed : 9/21/2019 6:32:10 AM
Sample Type : Essential Oil
Sample Name : Ledum groenlandicum
Injection Volume : 0.10

Ledum
Lot# CAZ7-ZT
Country: Canada



Chromatogram Ledum groenlandicum



Peak Report TIC		
R.Time	Name	Area%
8.664	Octane	0.02
14.512	Tricyclene	0.09
14.650	alpha-Thujene	0.55
15.131	alpha-Pinene	5.68
16.125	Camphene	1.13
17.502	Sabinene	20.12
17.833	beta-Pinene	6.02
18.400	Myrcene	0.28
19.582	alpha-Phellandrene	0.25
20.275	alpha-Terpinene	2.21
20.775	para-Cymene	2.05
21.097	Limonene	1.98
21.222	beta-Phellandrene	0.82
21.437	Z-beta-Ocimene	0.10
22.164	E-beta-Ocimene	0.05
23.049	gamma-Terpinene	6.27
23.474	Unidentified	0.04
23.850	cis-Sabinene hydrate	0.08
24.906	Terpinolene	0.95
25.219	Dehydro-p-cymene	0.07
26.156	Nonanal	0.04
27.227	Dehydro-sabina ketone	0.26
27.413	trans-p-Mentha-2,8-dienol	0.09
27.620	trans-p-Menth-2-en-1-ol	0.11
27.974	Unidentified	0.16
28.428	Unidentified	0.07
28.812	trans-Pinocarveol	0.93
29.896	Sabina ketone	0.24
30.047	Unidentified	0.10
30.289	Pinocarpone	0.17
30.981	Borneol	0.14
31.580	Terpinen-4-ol	5.15
31.706	Unidentified	0.63
32.011	trans-p-Mentha-1(7),8-dien-2-ol	0.11
32.277	Myrtenol	0.11
32.600	Myrtenal	2.15
32.895	trans-Isopiperitenol	0.10
33.356	Unidentified	0.05
34.864	cis-p-Mentha-1(7),8-dien-2-ol	0.11
35.789	Cuminaldehyde	0.49
38.221	Phellandral	0.10
38.639	Bornyl acetate	2.67
39.069	Cumin alcohol	0.09
41.528	Unidentified	0.12
42.043	delta-Elemene	0.08
42.822	Unidentified	0.11
43.396	Unidentified	0.04
44.342	Unidentified	0.05
44.726	alpha-Copaene	0.34
45.576	beta-Elemene	0.88
46.766	alpha-Gurjunene	0.35
47.562	beta-Caryophyllene	0.58
48.085	gamma-Elemene	0.50
48.311	trans-alpha-Bergamotene	0.17
48.811	Unidentified	0.15
49.461	E-beta-Farnesene	0.31

R.Time	Name	Area%
49.806	alpha-Humulene	2.47
50.074	Alloaromadendrene	0.27
50.748	Nootkatene	0.44
51.365	Germacrene D	0.37
51.479	Unidentified	0.10
51.737	3,5,11-Eudesmatriene	0.25
51.910	beta-Selinene	11.06
52.078	Curzerene	0.83
52.306	alpha-Selinene	4.32
52.633	E,E-alpha-Farnesene	0.13
52.737	Unidentified	0.26
52.916	beta-Bisabolene	5.88
53.560	delta-Cadinene	0.88
53.698	alpha-Panasinsene	0.08
53.861	Zonarene	0.16
54.423	trans-Cadina-1,4-diene	0.15
54.819	E-alpha-Bisabolene	0.20
55.305	Unidentified	0.09
56.040	Germacrene B	0.96
56.712	Unidentified	0.14
56.986	Unidentified	0.14
57.879	Unidentified	0.15
58.712	Caryophyllene oxide	0.23
59.016	Unidentified	0.17
59.175	Rosifoliol	1.00
59.535	Unidentified	0.12
59.970	Unidentified	0.15
60.827	Unidentified	0.10
63.025	Unidentified	0.12
63.213	Unidentified	0.16
63.645	Germacrone	0.76
65.464	Unidentified	0.20
66.784	Z-Isovalencenal	0.34
68.672	Unidentified	0.79
		100.00