

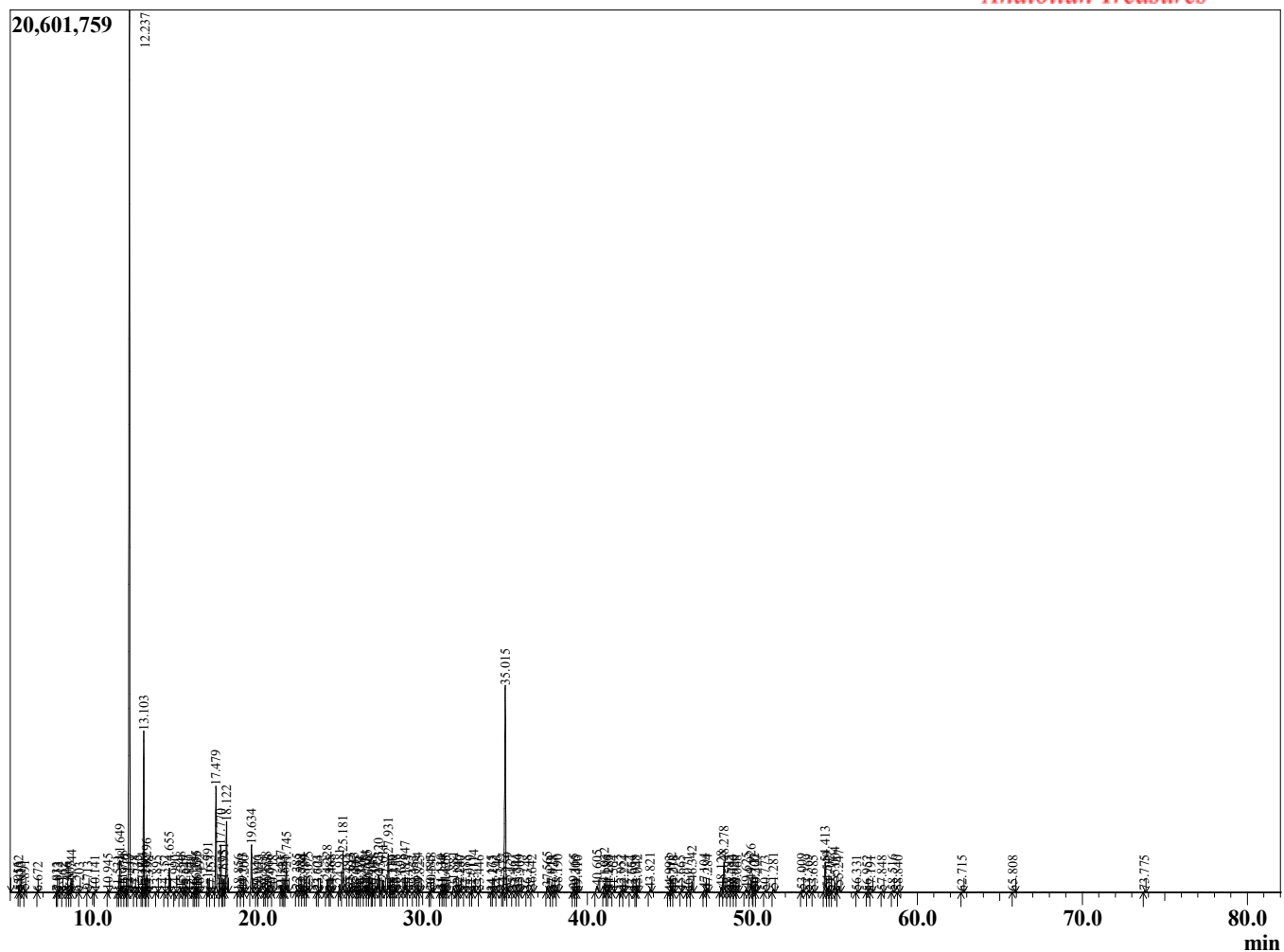
Sample Information

Sample Type : Essential Oil
 Sample Name : Cistus ladanifer
 Injection Volume : 0.10

Cistus
 Lot# SPN13-NH
 Country: Spain



Chromatogram Cistus ladanifer



R.Time	Name	Area%
3.530	2-Methylfuran	0.01
3.844	4-Methyl-1,3-pentadiene	0.01
5.016	2,5,5-Trimethyl-cyclopentadiene	0.01
5.532	1,2,3-Trimethyl-1-cyclopentene	0.17
5.633	1,3-Dimethyl-1-cyclohexene	0.03
5.891	Toluene	0.07
6.672	Octane	0.02
7.833	1,2,5,5-Tetramethyl-1,3-cyclopentadiene isomer	0.01
7.912	6,6-Dimethylhepta-2,4-diene isomer	0.02
8.162	1,2,5,5-Tetramethyl-1,3-cyclopentadiene isomer	0.01
8.446	Unidentified	0.01
8.603	Unidentified	0.05
8.744	6,6-Dimethylhepta-2,4-diene	0.41
9.203	Xylene analogue	0.01
9.713	Unidentified	0.08
10.141	Styrene	0.03
10.945	Unidentified	0.09
11.531	Hashishene	0.03
11.649	Tricyclene	1.18
11.798	alpha-Thujene	0.21
11.970	Unidentified	0.07
12.113	Unidentified	0.08
12.237	alpha-Pinene	37.94
12.528	beta-Fenchene	0.03
12.735	Thuja-2,4(10)diene isomer	0.01
13.004	alpha-Fenchene	0.14
13.103	Camphene	6.15
13.206	2-Octanone	0.04
13.296	Thuja-2,4(10)-diene	0.68
13.398	Unidentified	0.01
13.895	6-Methyl hept-5-en-2-one isomer	0.04
14.352	Sabinene	0.04
14.655	beta-Pinene	0.99
14.990	6-Methyl hept-5-en-2-one	0.04
15.348	Unidentified	0.22
15.529	Unidentified	0.04
15.647	Unidentified	0.03
15.840	Unidentified	0.02
16.141	Octanal	0.02
16.255	1,3,8-para-Menthatriene	0.25
16.335	alpha-Phellandrene	0.18
16.492	Unidentified	0.06
16.991	alpha-Terpinene	0.60
17.153	ortho-Cymene	0.06
17.479	para-Cymene	4.72
17.770	Limonene	2.07
17.875	beta-Phellandrene	0.22
17.951	1,8-Cineole	0.55
18.122	2,2,6-Trimethyl cyclohexanone	3.04
18.856	Unidentified	0.08
19.093	Unidentified	0.18
19.200	Unidentified	0.03
19.634	gamma-Terpinene	2.16
19.946	Unidentified	0.02
20.073	Acetophenone	0.10
20.431	cis-Linalool oxide (furanoid)	0.02

R.Time	Name	Area%
20.538	Pinol	0.20
20.666	Gardenia ether	0.08
20.918	Unidentified	0.05
21.427	Terpinolene	0.27
21.525	Unidentified	0.03
21.645	Fenchone	0.05
21.745	para-Cymenene	1.25
22.385	Linalool	0.21
22.588	Unidentified	0.09
22.734	Nonanal	0.12
22.889	Unidentified	0.02
23.075	Unidentified + Rose oxide	0.28
23.623	alpha-Thujone	0.05
23.704	endo-Fenchol	0.05
24.228	alpha-Campholenal	0.59
24.385	Unidentified	0.02
24.468	Unidentified	0.08
24.981	Non-3-en-2-one	0.42
25.181	trans-Pinocarveol	1.97
25.484	(Z)-Tagetone	0.10
25.613	Camphor	0.22
25.843	alpha-Phellandrene-8-ol	0.26
26.005	Unidentified	0.03
26.171	trans-beta-Terpineol	0.01
26.306	Sabina ketone	0.05
26.534	Pinocamphone	0.27
26.655	Pinocarvone	0.33
26.730	Isoborneol	0.01
26.948	Unidentified	0.01
27.038	Unidentified	0.12
27.320	Borneol	0.98
27.454	Unidentified	0.02
27.611	Isopinocamphone	0.61
27.931	Terpinen-4-ol	1.93
28.139	Unidentified	0.06
28.210	4'-Methyl-acetophenone	0.03
28.358	para-Cymen-8-ol	0.11
28.698	Unidentified	0.09
28.947	Myrtenal	0.93
29.135	Unidentified	0.03
29.453	Unidentified	0.03
29.724	Verbenone	0.16
29.825	Unidentified	0.04
30.485	Fenchyl acetate	0.03
30.548	trans-Carveol	0.21
31.130	Unidentified	0.11
31.214	Bornyl formate	0.07
31.365	cis-Ocimenone	0.19
31.425	cis-Carveol	0.04
31.881	Unidentified	0.31
32.146	Cuminaldehyde	0.03
32.247	Carvone	0.09
32.588	Carvotanacetone	0.03
32.919	Piperitone	0.02
33.114	Unidentified	0.36
33.446	Unidentified	0.02
34.175	Unidentified	0.02
34.263	Methyl hydrocinnamate	0.03
34.546	Phellandral	0.06
34.877	trans-alpha-Necrodol acetate	0.10
35.015	Bornyl acetate	11.23
35.159	Isobornyl acetate	0.18

R.Time	Name	Area%
35.467	Unidentified	0.05
35.744	trans-Pinocarvyl acetate	0.08
35.909	Unidentified	0.09
36.348	Unidentified	0.06
36.642	Unidentified	0.11
37.565	Myrtenyl acetate	0.25
37.813	Unidentified	0.06
37.928	Unidentified	0.02
38.190	Unidentified	0.11
39.165	Ethyl hydrocinnamate	0.17
39.305	Unidentified	0.02
39.410	Unidentified	0.03
40.605	Cyclosativene	0.55
41.032	alpha-Copaene	0.50
41.186	Geranyl acetate	0.01
41.285	Unidentified	0.09
41.564	Unidentified	0.02
42.052	Longipinene	0.10
42.224	Unidentified	0.06
42.664	Unidentified	0.04
42.938	Unidentified	0.02
43.042	beta-Maaliene	0.08
43.821	beta-Caryophyllene	0.18
44.993	Isopentyl benzoate	0.04
45.102	Aromadendrene	0.21
45.218	Unidentified	0.04
45.665	Cadina-3,5-diene	0.03
46.071	alpha-Humulene	0.02
46.342	Alloaromadendrene	0.59
47.104	Cadina-1(6),4-diene	0.18
47.284	trans-Cadina-1(6),4-diene	0.10
48.128	Unidentified	0.32
48.278	Viridiflorene	1.74
48.585	alpha-Selinene	0.05
48.744	alpha-Murolene	0.12
48.920	Unidentified	0.03
49.068	Unidentified	0.06
49.625	Unidentified	0.20
49.926	delta-Cadinene	0.68
50.122	trans-Calamenene	0.14
50.200	Zonarene	0.04
50.773	trans-Cadina-1,4-diene	0.07
51.281	alpha-Calacorene	0.19
53.009	Palustrol	0.15
53.369	Spathulenol	0.08
53.685	Caryophyllene oxide	0.07
54.413	Viridiflorol	1.72
54.549	Cubeban-11-ol	0.25
54.702	Unidentified	0.05
55.004	Ledol	0.58
55.247	Copaborneol	0.36
56.331	Epicubenol	0.06
56.952	Unidentified	0.02
57.191	Unidentified	0.03
57.848	Eudesmol analogue	0.04
58.516	Unidentified	0.09
58.840	Cadalene	0.03
62.715	Unidentified	0.03
65.808	Nootkatone	0.04
73.775	Unidentified	0.06

100.00