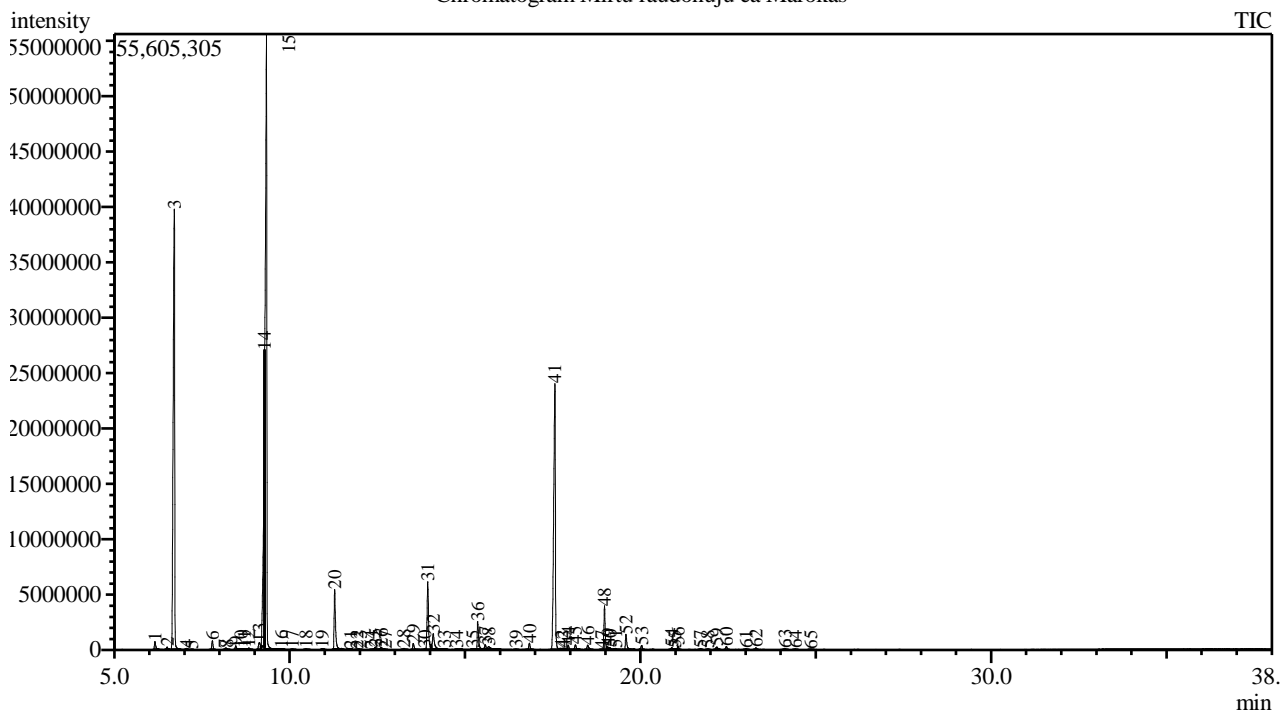


Analysis numb.: GC989
 Analysis date: 2020 09 23
 Sample name: Mirtu raudonuju ea
 Botanical name: Myrtus communis (Red myrtle)
 Sample batch num: LOT 2627
 Sample origin: Marokas
 Best before: 2022 10

Chromatogram Mirtu raudonuju ea Marokas



Peak Report TIC

| Peak# | R.Time | Area | Area% | Name |
|-------|--------|-----------|-------|--------------------------------------|
| 1 | 6.159 | 1857781 | 0.36 | Isobutyrate <isobutyl-> |
| 2 | 6.508 | 574498 | 0.11 | Thujene <alpha-> |
| 3 | 6.712 | 119219373 | 23.32 | Pinene <alpha-> |
| 4 | 7.070 | 240790 | 0.05 | Camphene |
| 5 | 7.208 | 54671 | 0.01 | Thuja-2,4(10)-diene |
| 6 | 7.797 | 1833732 | 0.36 | Pinene <beta-> |
| 7 | 8.167 | 176338 | 0.03 | Myrcene |
| 8 | 8.204 | 285186 | 0.06 | Linalool oxide <dehydroxy-, trans-> |
| 9 | 8.462 | 1050402 | 0.21 | Butyrate <isobutyl-, 2-methyl-> |
| 10 | 8.620 | 137686 | 0.03 | Linalool oxide <dehydro-, cis-> |
| 11 | 8.706 | 211160 | 0.04 | Carene <delta-3-> |
| 12 | 8.836 | 417888 | 0.08 | Isobutyrate <isopentyl-> |
| 13 | 9.135 | 2279300 | 0.45 | Cymene <para-> |
| 14 | 9.287 | 58331796 | 11.41 | Limonene* |
| 15 | 9.339 | 162873160 | 31.85 | Eucalyptol |
| 16 | 9.767 | 125991 | 0.02 | Ocimene <trans-, beta-> |
| 17 | 10.078 | 163316 | 0.03 | Terpinene <gamma-> |
| 18 | 10.467 | 242497 | 0.05 | Linalool oxide <cis-> |
| 19 | 10.927 | 177046 | 0.03 | Terpinolene |
| 20 | 11.284 | 15109368 | 2.95 | Linalool* |
| 21 | 11.738 | 60125 | 0.01 | Fenchol <endo-> |
| 22 | 11.921 | 93925 | 0.02 | Menthe-2,8-dien-1-ol <trans-, para-> |
| 23 | 12.010 | 90937 | 0.02 | Campholenal <alpha-> |
| 24 | 12.327 | 139564 | 0.03 | Menthe-2,8-dien-1-ol <cis-, para-> |

| Peak# | R.Time | Area | Area% | Name |
|-------|--------|-----------|--------|---|
| 25 | 12.441 | 706540 | 0.14 | Pinocarveol <trans-> |
| 26 | 12.612 | 643819 | 0.13 | Verbenol <trans-> |
| 27 | 12.727 | 53485 | 0.01 | Camphene hydrate + Unknown |
| 28 | 13.255 | 360695 | 0.07 | Terpineol <delta-> |
| 29 | 13.526 | 1595866 | 0.31 | Terpinen-4-ol |
| 30 | 13.847 | 180113 | 0.04 | Cymen-8-ol <para-> |
| 31 | 13.940 | 17852371 | 3.49 | Terpineol <alpha-> |
| 32 | 14.093 | 6178181 | 1.21 | Myrtenol |
| 33 | 14.410 | 187501 | 0.04 | Verbenone |
| 34 | 14.758 | 276829 | 0.05 | Carveol <trans-> |
| 35 | 15.213 | 106994 | 0.02 | Unknown |
| 36 | 15.363 | 7019375 | 1.37 | Carvone |
| 37 | 15.579 | 1220824 | 0.24 | Linalyl acetate |
| 38 | 15.674 | 1772464 | 0.35 | Geraniol* |
| 39 | 16.454 | 117908 | 0.02 | Bornyl acetate |
| 40 | 16.837 | 1545903 | 0.30 | Pinocarvyl acetate <trans-> |
| 41 | 17.562 | 80106706 | 15.67 | Myrtenyl acetate |
| 42 | 17.754 | 109233 | 0.02 | Unknown |
| 43 | 17.825 | 134568 | 0.03 | Carvyl acetate <trans-> |
| 44 | 17.943 | 930904 | 0.18 | exo-2-Hydroxycineole acetate |
| 45 | 18.148 | 1254525 | 0.25 | Terpinyl acetate <alpha-> |
| 46 | 18.499 | 1426608 | 0.28 | Carvyl acetate <cis-> |
| 47 | 18.892 | 49458 | 0.01 | Copaene <alpha-> |
| 48 | 18.979 | 10133039 | 1.98 | Geranyl acetate |
| 49 | 19.073 | 550084 | 0.11 | Myrtanyl acetate <trans-> |
| 50 | 19.136 | 652853 | 0.13 | Bourbonene <beta-> |
| 51 | 19.296 | 362740 | 0.07 | Elemene <beta-> |
| 52 | 19.589 | 4099230 | 0.80 | Methyleugenol |
| 53 | 20.037 | 990336 | 0.19 | Caryophyllene |
| 54 | 20.894 | 546470 | 0.11 | Humulene <alpha-> |
| 55 | 20.975 | 305179 | 0.06 | Unknown |
| 56 | 21.074 | 868593 | 0.17 | Myrtenyl isobutyrate |
| 57 | 21.717 | 153977 | 0.03 | Selinene <beta-> |
| 58 | 21.928 | 141957 | 0.03 | Selinene <alpha-> |
| 59 | 22.180 | 775274 | 0.15 | Geranyl isobutyrate |
| 60 | 22.454 | 776398 | 0.15 | Unknown |
| 61 | 23.009 | 246017 | 0.05 | Flavesone |
| 62 | 23.296 | 459646 | 0.09 | (6,6-Dimethylbicyclo[3.1.1]hept-2-en-2-yl)m |
| 63 | 24.120 | 352897 | 0.07 | Caryophyllene oxide |
| 64 | 24.416 | 162601 | 0.03 | Geranyl <2-methylbutyrate-> |
| 65 | 24.855 | 161914 | 0.03 | Humulene epoxide II |
| | | 511316605 | 100.00 | |

Kosmetiniai alergenai: *-silpnas, **-vidutinio stiprumo, ***- stiprus alergenai

Analiz atliko

dr. Jurga B dien