Table SI. Compounds present in the headspace of undamaged and larval feeding-damaged host plants. Numbers depict average volatile emission in ng / min. Compounds emitted in significantly different amounts between treatments (Mann Whitney U test, p<0.05) are shown in bold. All compounds were included in the random forest analysis of headspace samples. Compounds in the shaded area elicited responses in our single sensillum recordings and fulfilled the criteria to be included in the random forest analysis of SSR-active compounds. For details refer to the materials and methods section.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | N. attenuata | | | | D. wrightii | | | |
| type | compound | CAS number | undamaged | | larval damage | | undamaged | | larval damage | |
|  |  |  | average | SD | average | SD | average | SD | average | SD |
| acid | hexanoic acid | 142-62-1 | **0.103** | **0.0172** | **0.4577** | **0.033** | 0.0965 | 0.0263 | 0.1438 | 0.0449 |
| aliphatic | (Z)-2-pentenyl acetate | 42125-10-0 | - | - | - | - | - | - | **0.0051** | **0.0016** |
| aliphatic | 4-methyl-1-pentanol | 626-89-1 | **0.097** | **0.0052** | **0.1168** | **0.0064** | - | - | - | - |
| aliphatic | 6-methyl-5-hepten-2-one | 110-93-0 | 0.1132 | 0.0149 | 0.1768 | 0.0206 | **0.0142** | **0.0017** | **0.0264** | **0.0033** |
| aliphatic | butyl acetate | 123-86-4 | **0.0315** | **0.0037** | **0.062** | **0.01** | - | - | - | - |
| aliphatic | jasmone | 488-10-8 | - | - | 0.0407 | 0.0167 | - | - | 0.0186 | 0.0091 |
| aliphatic | methyl hexanoate | 106-70-7 | - | - | - | - | 0.0266 | 0.0044 | 0.025 | 0.0021 |
| aliphatic | nonanal | 124-19-6 | 0.4964 | 0.0685 | 0.7905 | 0.0702 | 0.2385 | 0.0407 | 0.3567 | 0.0548 |
| aromatic | 1,2,4-trimethyl benzene | 95-63-6 | 0.2145 | 0.017 | 0.3351 | 0.0563 | 0.0056 | 0.0007 | 0.0073 | 0.0009 |
| aromatic | 2-phenyl ethanol | 60-12-8 | **0.073** | **0.0044** | **0.1122** | **0.0093** | **0.0145** | **0.005** | **-** | **-** |
| aromatic | 3-propyl toluene | 1074-43-7 | 0.0395 | 0.008 | 0.0621 | 0.018 | - | - | - | - |
| aromatic | benzaldehyde | 100-52-7 | **0.2983** | **0.01** | **0.5719** | **0.0383** | 0.0141 | 0.0017 | 0.0241 | 0.0057 |
| aromatic | benzyl alcohol | 100-51-6 | **0.3887** | **0.0147** | **0.6343** | **0.0473** | 0.042 | 0.0083 | 0.0855 | 0.014 |
| aromatic | methyl benzoate | 93-58-3 | **0.1265** | **0.0089** | **0.2343** | **0.0177** | - | - | **0.0471** | **0.0087** |
| aromatic | methyl salicylate | 119-36-8 | **0.0425** | **0.005** | **0.1111** | **0.0025** | 0.0343 | 0.0049 | 0.0327 | 0.0104 |
| glv | (E)-2-hexenal | 6728-26-3 | **-** | **-** | **0.0175** | **0.0046** | **-** | **-** | **0.0231** | **0.0085** |
| glv | (Z)-3-hexenol | 928-96-1 | **1.0205** | **0.1281** | **0.6432** | **0.0332** | **0.008** | **0.0023** | **0.2101** | **0.0427** |
| glv | (Z)-3-hexenyl acetate | 3681-71-8 | 0.0535 | 0.0025 | 0.0659 | 0.0067 | **0.0339** | **0.0155** | **1.2138** | **0.1705** |
| glv | (Z)-3-hexenyl benzoate | 25152-85-6 | **-** | **-** | **0.0844** | **0.0216** | **-** | **-** | **0.0195** | **0.0077** |
| glv | (Z)-3-hexenyl butyrate | 16491-36-4 | 0.3932 | 0.0393 | 0.5145 | 0.0402 | **-** | **-** | **0.0251** | **0.0047** |
| glv | hexanal | 66-25-1 | **0.2901** | **0.0401** | **0.4858** | **0.0145** | 0.0545 | 0.0081 | 0.0758 | 0.0068 |
| terpenoid | (+/-)-limonene | 7705-14-8 | **0.0929** | **0.0115** | **0.1364** | **0.0094** | **-** | **-** | **0.0046** | **0.0013** |
| terpenoid | 3-methyl-2-buten-1-ol | 556-82-1 | **0.2968** | **0.0278** | **0.1747** | **0.0129** | - | - | - | - |
| terpenoid | beta-caryophyllene | 87-44-5 | - | - | - | - | **0.0176** | **0.0028** | **0.4179** | **0.1613** |
| terpenoid | beta-Myrcene | 123-35-3 | **0.0115** | **0.0013** | **0.0203** | **0.0007** | - | - | - | - |
| terpenoid | beta-ocimene | 13877-91-3 | - | - | - | - | 0.0076 | 0.0025 | 0.3629 | 0.2668 |
| acid | (+/-)2-methylbutyric acid | 116-53-0 | **-** | **-** | **0.026** | **0.0091** | - | - | - | - |
| acid | butyric acid | 107-92-6 | **0.0548** | **0.0053** | **0.1833** | **0.0052** | - | - | - | - |
| acid | decanoic acid | 334-48-5 | **-** | **-** | **0.105** | **0.0403** | - | - | - | - |
| acid | isobutyric acid | 79-31-2 | - | - | 0.045 | 0.019 | - | - | - | - |
| acid | isovaleric acid | 503-74-2 | **-** | **-** | **0.0556** | **0.0266** | - | - | - | - |
| acid | nonanoic acid | 112-05-0 | **0.0104** | **0.0104** | **0.2869** | **0.0627** | 0.0458 | 0.0201 | 0.086 | 0.0209 |
| acid | octanoic acid | 124-07-2 | **-** | **-** | **0.1367** | **0.0198** | - | - | - | - |
| acid | pentanoic acid | 109-52-4 | **-** | **-** | **0.1118** | **0.0184** | - | - | 0.0138 | 0.0138 |
| aliphatic | (E)-2-nonenal | 2463-53-8 | **0.0647** | **0.0095** | **0.1251** | **0.0095** | - | - | - | - |
| aliphatic | 1-dodecanol | 112-53-8 | **-** | **-** | **0.2758** | **0.0249** | 0.0435 | 0.0106 | 0.048 | 0.0107 |
| aliphatic | 1-heptanal | 111-71-7 | 0.0768 | 0.0126 | 0.094 | 0.0035 | **0.003** | **0.0014** | **0.0089** | **0.0014** |
| aliphatic | 1-octanol | 111-87-5 | **0.0583** | **0.0046** | **0.094** | **0.0018** | 0.0204 | 0.002 | 0.0168 | 0.0016 |
| aliphatic | 1-octen-3-ol | 3391-86-4 | - | - | - | - | 0.0133 | 0.0014 | 0.0075 | 0.0022 |
| aliphatic | 1-tridecanol | 112-70-9 | - | - | - | - | 0.0295 | 0.008 | 0.036 | 0.0087 |
| aliphatic | 2-decanone | 693-54-9 | **0.0311** | **0.0128** | **0.0934** | **0.0026** | - | - | - | - |
| aliphatic | 2-octanone | 111-13-7 | **0.0177** | **0.0036** | **0.0315** | **0.0033** | - | - | - | - |
| aliphatic | 2-undecanone | 112-12-9 | **-** | **-** | **0.0534** | **0.0022** | - | - | - | - |
| aliphatic | 2,3-dimethyl-3-buten-2-ol | 10473-13-9 | - | - | - | - | 0.0219 | 0.0017 | 0.0267 | 0.0021 |
| aliphatic | 3-heptanone | 106-35-4 | **0.0452** | **0.0059** | **0.0873** | **0.0018** | - | - | - | - |
| aliphatic | 4-hydroxy-4-methyl-2-pentanone | 123-42-2 | - | - | - | - | **0.0093** | **0.0006** | **-** | **-** |
| aliphatic | cyclohexanol | 108-93-0 | - | - | - | - | **-** | **-** | **0.0224** | **0.0026** |
| aliphatic | decanal | 112-31-2 | **0.3229** | **0.0186** | **0.5235** | **0.0209** | **0.0407** | **0.0039** | **0.1328** | **0.0131** |
| aliphatic | dodecyl aldehyde | 112-54-9 | **0.1053** | **0.0167** | **0.2311** | **0.0106** | 0.0738 | 0.0328 | 0.0761 | 0.0122 |
| aliphatic | ethylene glycol butyl ether | 111-76-2 | **0.1598** | **0.0162** | **0.3046** | **0.015** | - | - | - | - |
| aliphatic | heptadecane | 629-78-7 | **0.184** | **0.0159** | **0.3155** | **0.005** | 0.0241 | 0.0035 | 0.0192 | 0.0024 |
| aliphatic | hexadecane | 544-76-3 | **-** | **-** | **0.1097** | **0.003** | 0.02 | 0.0044 | 0.0193 | 0.0034 |
| aliphatic | hexyl acetate | 142-92-7 | - | - | - | - | **-** | **-** | **0.0022** | **0.0009** |
| aliphatic | isopropyl myristate | 110-27-0 | **-** | **-** | **0.0876** | **0.0114** | - | - | - | - |
| aliphatic | nonadecane | 629-92-5 | - | - | - | - | **0.0131** | **0.003** | **-** | **-** |
| aliphatic | octadecane | 593-45-3 | - | - | - | - | **0.0223** | **0.0058** | **-** | **-** |
| aliphatic | octanal | 124-13-0 | **0.1414** | **0.0162** | **0.2291** | **0.0051** | **0.0238** | **0.0024** | **0.0492** | **0.0032** |
| aliphatic | pentadecane | 629-62-9 | - | - | - | - | 0.0209 | 0.0035 | 0.0244 | 0.0023 |
| aliphatic | tetradecane | 629-59-4 | - | - | - | - | 0.0334 | 0.0047 | 0.0325 | 0.0049 |
| aliphatic | tridecanal | 10486-19-8 | - | - | - | - | **0.0244** | **0.0098** | **-** | **-** |
| aliphatic | tridecane | 629-50-5 | **0.104** | **0.0117** | **0.179** | **0.0119** | - | - | - | - |
| aliphatic | undecanal | 112-44-7 | **0.0819** | **0.0075** | **0.1456** | **0.0055** | 0.0287 | 0.0059 | 0.0307 | 0.0029 |
| aliphatic | undecane | 1120-21-4 | 0.1222 | 0.011 | 0.1669 | 0.0124 | 0.0126 | 0.0033 | 0.0101 | 0.0014 |
| alkaloid | L(-)-nicotine | 54-11-5 | - | - | 0.0436 | 0.0272 | - | - | - | - |
| aromatic | 2-ethyl toluene | 611-14-3 | **0.0689** | **0.004** | **0.1252** | **0.0164** | - | - | - | - |
| aromatic | 2-ethyl-p-xylene | 1758-88-9 | **0.0431** | **0.0021** | **0.0846** | **0.0086** | - | - | - | - |
| aromatic | 2-hydroxy-benzaldehyde | 90-02-8 | **0.0571** | **0.0032** | **0.1078** | **0.005** | - | - | - | - |
| aromatic | 3-ethyl toluene | 620-14-4 | **0.1255** | **0.0112** | **0.2357** | **0.042** | - | - | - | - |
| aromatic | 4-ethyl toluene | 622-96-8 | **0.0487** | **0.005** | **0.1056** | **0.0173** | 0.0015 | 0.0007 | 0.0031 | 0.0003 |
| aromatic | acetophenone | 98-86-2 | **0.1144** | **0.0093** | **0.2241** | **0.0064** | **0.0179** | **0.0063** | **-** | **-** |
| aromatic | benzothiazole | 95-16-9 | **0.1071** | **0.0097** | **0.293** | **0.0098** | 0.0367 | 0.0092 | 0.0267 | 0.006 |
| aromatic | benzyl benzoate | 120-51-4 | **0.0093** | **0.0013** | **0.0822** | **0.0536** | - | - | - | - |
| aromatic | ethyl benzoate | 93-89-0 | - | - | 0.0072 | 0.0072 | - | - | - | - |
| aromatic | m-cymene | 535-77-3 | **0.048** | **0.0042** | **0.0854** | **0.0058** | - | - | - | - |
| aromatic | m-xylene | 108-38-3 | 0.1489 | 0.0199 | 0.2728 | 0.0621 | - | - | - | - |
| aromatic | naphthalene | 91-20-3 | **0.0767** | **0.0101** | **0.1246** | **0.0152** | 0.0181 | 0.0039 | 0.0134 | 0.0038 |
| aromatic | o-xylene | 95-47-6 | **0.098** | **0.0098** | **0.1792** | **0.0316** | - | - | - | - |
| aromatic | p-cresol | 106-44-5 | - | - | 0.0282 | 0.0118 | - | - | - | - |
| aromatic | p-cymene | 99-87-6 | **0.0413** | **0.0023** | **0.0913** | **0.0146** | - | - | - | - |
| aromatic | p-xylene | 106-42-3 | **0.0975** | **0.0087** | **0.1876** | **0.0321** | 0.0051 | 0.0022 | 0.0042 | 0.0005 |
| aromatic | phenol | 108-95-2 | **0.0731** | **0.0103** | **0.1408** | **0.0159** | **0.0623** | **0.0082** | **0.0358** | **0.0074** |
| aromatic | propyl benzene | 103-65-1 | **0.044** | **0.0031** | **0.0839** | **0.0132** | - | - | - | - |
| aromatic | styrene | 100-42-5 | 0.3002 | 0.1967 | 0.7415 | 0.5843 | - | - | - | - |
| aromatic | toluene | 108-88-3 | 0.3545 | 0.0299 | 0.4821 | 0.0758 | **0.0347** | **0.0264** | **0.0039** | **0.0007** |
| glv | (Z)-3-hexenyl hexanoate | 31501-11-8 | - | - | - | - | **-** | **-** | **0.0417** | **0.0076** |
| glv | (Z)-3-hexenyl isobutyrate | 41519-23-7 | **0.0403** | **0.003** | **0.1044** | **0.009** | **-** | **-** | **0.0043** | **0.0012** |
| glv | (Z)-3-hexenyl propionate | 33467-74-2 | **0.039** | **0.0031** | **0.0635** | **0.0046** | **-** | **-** | **0.0061** | **0.0012** |
| glv | 1-hexanol | 111-27-3 | **0.077** | **0.0034** | **0.1038** | **0.0068** | **-** | **-** | **0.0082** | **0.0027** |
| glv | hexyl butyrate | 2639-63-6 | **0.0205** | **0.0018** | **0.0529** | **0.0058** | - | - | - | - |
| glv | unidentified 17 | - | **0.2393** | **0.0293** | **0.4319** | **0.0273** | **-** | **-** | **0.0069** | **0.0025** |
| glv | unidentified 25 | - | **0.2515** | **0.024** | **0.1532** | **0.0194** | - | - | - | - |
| glv | unidentified 26 | - | - | - | - | - | **-** | **-** | **0.0582** | **0.0102** |
| lactone | gamma-nonalactone | 104-61-0 | **-** | **-** | **0.0415** | **0.0053** | - | - | - | - |
| lactone | gamma-valerolactone | 108-29-2 | **-** | **-** | **0.0565** | **0.0041** | - | - | - | - |
| sulfone | dimethyl sulfone | 67-71-0 | - | - | - | - | 0.0124 | 0.0019 | 0.0154 | 0.0057 |
| terpenoid | (+/-)-sabinene | 3387-41-5 | **0.0479** | **0.0035** | **0.068** | **0.0026** | - | - | - | - |
| terpenoid | (E)-alpha-bergamotene | 17699-05-7 | **-** | **-** | **0.1946** | **0.0159** | - | - | 0.0353 | 0.0234 |
| terpenoid | 3-carene | 13466-78-9 | 0.076 | 0.0154 | 0.1233 | 0.0233 | - | - | - | - |
| terpenoid | alpha-pinene | 80-56-8 | 0.6628 | 0.1238 | 0.5844 | 0.076 | **0.0271** | **0.0177** | **0.0049** | **0.001** |
| terpenoid | alpha-terpineol | 10482-56-1 | 0.0621 | 0.0038 | 0.067 | 0.0036 | - | - | - | - |
| terpenoid | beta-pinene | 127-91-3 | **0.172** | **0.0277** | **0.2782** | **0.0255** | - | - | - | - |
| terpenoid | camphene | 79-92-5 | **-** | **-** | **0.0944** | **0.009** | - | - | - | - |
| terpenoid | cumene | 98-82-8 | **0.0153** | **0.0011** | **0.038** | **0.0067** | - | - | - | - |
| terpenoid | duprezianene | n.a. | **0.3517** | **0.0177** | **0.1127** | **0.0107** | - | - | - | - |
| terpenoid | eucalyptol | 470-82-6 | 0.0825 | 0.0106 | 0.1082 | 0.0132 | - | - | - | - |
| terpenoid | geranyl acetone | 3796-70-1 | - | - | - | - | 0.0503 | 0.0088 | 0.0812 | 0.0102 |
| terpenoid | linalool | 78-70-6 | - | - | - | - | 0.0117 | 0.0117 | 0.0389 | 0.0257 |
| terpenoid | unidentified 18 | - | - | - | - | - | 0.0232 | 0.0031 | 0.041 | 0.0127 |
| terpenoid | unidentified 23 | - | - | - | - | - | **-** | **-** | **0.0197** | **0.0063** |
| terpenoid | unidentified 24 | - | - | - | - | - | **-** | **-** | **0.0261** | **0.011** |
| terpenoid | unidentified 32 | - | - | - | - | - | **-** | **-** | **0.2189** | **0.1306** |
| terpenoid | unidentified 38 | - | - | - | - | - | 0.1152 | 0.0384 | 0.1666 | 0.0307 |
| - | unidentified 01 | - | - | - | - | - | **-** | **-** | **0.0044** | **0.0015** |
| - | unidentified 02 | - | - | - | - | - | **-** | **-** | **0.0294** | **0.0059** |
| - | unidentified 03 | - | **-** | **-** | **0.0204** | **0.0072** | **-** | **-** | **0.0052** | **0.0012** |
| - | unidentified 04 | - | **0.1253** | **0.0108** | **0.2406** | **0.0521** | - | - | - | - |
| - | unidentified 05 | - | **0.0565** | **0.004** | **0.1067** | **0.0061** | 0.0185 | 0.0052 | 0.0243 | 0.0062 |
| - | unidentified 06 | - | **0.0183** | **0.0026** | **0.0359** | **0.0031** | **0.0023** | **0.0008** | **-** | **-** |
| - | unidentified 07 | - | **0.0145** | **0.0013** | **0.0273** | **0.0013** | - | - | - | - |
| - | unidentified 08 | - | - | - | - | - | **-** | **-** | **0.005** | **0.0013** |
| - | unidentified 09 | - | **0.0868** | **0.0041** | **0.1423** | **0.0153** | - | - | - | - |
| - | unidentified 10 | - | - | - | - | - | **0.0014** | **0.0014** | **0.1045** | **0.0231** |
| - | unidentified 11 | - | - | - | - | - | **0.0059** | **0.001** | **-** | **-** |
| - | unidentified 12 | - | - | - | - | - | **-** | **-** | **0.4573** | **0.4055** |
| - | unidentified 13 | - | - | - | - | - | **0.0326** | **0.0027** | **-** | **-** |
| - | unidentified 14 | - | 0.0611 | 0.0262 | 0.0166 | 0.0102 | - | - | - | - |
| - | unidentified 15 | - | - | - | - | - | **-** | **-** | **0.0117** | **0.0015** |
| - | unidentified 16 | - | **0.0755** | **0.0125** | **0.133** | **0.0165** | **0.0126** | **0.0008** | **0.0246** | **0.0025** |
| - | unidentified 19 | - | - | - | - | - | 0.012 | 0.007 | 0.0144 | 0.0078 |
| - | unidentified 20 | - | - | - | - | - | **0.0294** | **0.0043** | **-** | **-** |
| - | unidentified 21 | - | - | - | - | - | 0.0354 | 0.0028 | 0.0361 | 0.0056 |
| - | unidentified 22 | - | **-** | **-** | **0.0876** | **0.0085** | - | - | - | - |
| - | unidentified 27 | - | 0.1095 | 0.0133 | 0.2899 | 0.0715 | **-** | **-** | **0.0171** | **0.0074** |
| - | unidentified 28 | - | **-** | **-** | **0.2631** | **0.0219** | - | - | - | - |
| - | unidentified 29 | - | - | - | 0.1322 | 0.1322 | - | - | - | - |
| - | unidentified 30 | - | **-** | **-** | **0.0806** | **0.0203** | 0.0329 | 0.0041 | 0.0292 | 0.0068 |
| - | unidentified 31 | - | **0.0328** | **0.0143** | **0.1451** | **0.0107** | - | - | - | - |
| - | unidentified 33 | - | 0.034 | 0.0142 | 0.0797 | 0.0084 | - | - | - | - |
| - | unidentified 34 | - | **-** | **-** | **0.1257** | **0.0065** | - | - | - | - |
| - | unidentified 35 | - | **0.078** | **0.0097** | **-** | **-** | - | - | - | - |
| - | unidentified 36 | - | **-** | **-** | **0.2627** | **0.033** | - | - | - | - |
| - | unidentified 37 | - | **-** | **-** | **0.1376** | **0.0093** | - | - | - | - |
| - | unidentified 39 | - | 0.0317 | 0.0147 | - | - | - | - | - | - |
| - | unidentified 40 | - | - | - | - | - | **0.0383** | **0.0098** | **-** | **-** |
| - | unidentified 41 | - | **0.0352** | **0.0075** | **0.0881** | **0.0269** | - | - | - | - |

Table SII. List of SSR active compounds detected from synthetic standards or GC-injection of host volatile headspace extracts. Each row lists the % sensilla and number of sensilla (in parentheses) responding from the total n listed at the top of each column.

| Type | Stimulus n=1191 | CAS | Tested as Synthetic | Synthetic n=62 | UnDamaged Datura n=35 | Damaged Datura n=35 | UnDamaged Nicotiana n=18 | Damaged Nicotiana n=20 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Terpenoid | geranyl acetate | 105-87-3 | X | 18(11) |  |  |  |  |
| Terpenoid | linalool | 78-70-6 | X | 16(10) |  |  |  |  |
| Terpenoid | citral | 5392-40-5 | X | 15(9) |  |  |  |  |
| Terpenoid | geraniol | 106-24-1 | X | 15(9) |  |  |  |  |
| Terpenoid | beta-myrcene | 123-35-3 | X | 13(8) | 17(6) | 11(4) | 6(1) |  |
| Terpenoid | nerol | 106-25-2 | X | 8(5) |  |  |  |  |
| Terpenoid | geranyl acetone | 3796-70-1 | X | 5(3) |  | 3(1) |  |  |
| Terpenoid | ocimene | 13877-91-3 | X | 2(1) | 40(14) | 31(11) | 6(1) |  |
| Terpenoid | (Z)-alpha-ocimene | 6874-44-8 | X | 2(1) |  |  |  |  |
| Terpenoid | (E,E)-2,6-dimethyl-1,3,5,7-octatetraene | 460-01-5 |  |  | 3(1) |  |  |  |
| Terpenoid | alpha-farnesene | 502-61-4 |  |  | 3(1) | 3(1) |  |  |
| Terpenoid | alpha-pinene | 80-56-8 | X |  | 3(1) |  |  | 5(1) |
| Terpenoid | beta-caryophyllene | 87-44-5 | X |  | 3(1) | 6(2) |  |  |
| Terpenoid | 3-methyl-2-buten-1-ol | 556-82-1 |  |  |  |  | 44(8) | 5(1) |
| Terpenoid | (+/-)-limonene | 7705-14-8 | X |  |  |  | 33(6) |  |
| Terpenoid | 3-methyl-2-butenyl butanoate | n.a. |  |  |  |  | 11(2) | 10(2) |
| Terpenoid | alpha-terpineol | 10482-56-1 | X |  |  | 3(1) | 6(1) |  |
| Terpenoid | 3-carene | 13466-78-9 |  |  |  |  |  | 5(1) |
| Terpenoid | beta-sesquiphellandrene | 20307-83-9 |  |  |  | 3(1) |  |  |
| Terpenoid | (Z)-p-metha-2,8-dien-1-ol | 22771-44-4 |  |  |  | 3(1) |  |  |
| Terpenoid | farnesol | 4602-84-0 |  |  |  | 9(3) |  |  |
| Terpenoid | alpha-selinene | 473-13-2 |  |  |  | 3(1) |  |  |
| Terpenoid | squalene | 7683-64-9 |  |  |  | 3(1) |  |  |
| GLV | (Z)-3-hexenyl acetate | 3681-71-8 | X | 27(17) | 49(17) | 60(21) | 6(1) | 30(6) |
| GLV | (Z)-3-hexenyl butyrate | 16491-36-4 | X | 27(17) | 6(2) | 6(2) | 6(1) |  |
| GLV | (Z)-3-hexenyl propionate | 33467-74-2 | X | 27(17) |  | 3(1) |  |  |
| GLV | (Z)-3-hexenol | 928-96-1 | X | 23(14) | 31(11) | 20(7) | 11(2) | 15(3) |
| GLV | (Z)-3-hexenyl benzoate | 25152-85-6 | X | 21(13) | 9(3) |  |  |  |
| GLV | (E)-2-hexenol | 928-95-0 | X | 16(10) |  |  |  |  |
| GLV | (Z)-3-hexenyl tiglate | 67883-79-8 | X | 16(10) |  |  |  |  |
| GLV | (E)-2-hexenal | 6728-26-3 | X | 13(8) |  | 9(3) |  |  |
| GLV | (E)-2-hexenyl butyrate | 53398-83-7 | X | 11(7) |  |  |  |  |
| GLV | hexanal | 66-25-1 | X | 6(4) | 9(3) | 3(1) |  |  |
| GLV | (Z)-3-hexenal | 6789-80-6 | X | 3(2) | 6(2) | 9(3) |  |  |
| GLV | (Z)-3-hexenyl hexanoate | 31501-11-8 | X | 2(1) |  | 3(1) |  |  |
| GLV | hexanol | 111-27-3 | X | 2(1) |  |  |  |  |
| GLV | (E)-2-hexenyl acetate | 2497-18-9 |  |  | 9(3) | 6(2) |  |  |
| GLV | (Z)-3-hexenyl octanoate | 61444-41-5 |  |  | 3(1) |  |  |  |
| GLV | (Z)-3-hexenyl salicylate | 65405-77-8 |  |  |  |  | 6(1) |  |
| GLV | (Z)-3-hexenyl isovalerate | 35154-45-1 |  |  |  | 6(2) |  |  |
| GLV | (Z)-3-hexenyl valerate | 35852-46-1 |  |  |  | 6(2) |  |  |
| GLV | (E)-3-hexenyl acetate | 3681-82-1 |  |  |  |  |  | 5(1) |
| GLV | (Z)-3-hexenyl isobutyrate | 41519-23-7 |  |  |  | 3(1) |  |  |
| GLV | (E)-2-hexenyl hexanoate | 53398-86-0 |  |  |  | 3(1) |  |  |
| GLV | (E)-3-hexenol | 928-97-2 |  |  |  | 3(1) |  |  |
| GLV | (Z)-3-hexenol formate | 33467-73-1 |  |  |  | 3(1) |  |  |
| GLV | (Z)-methyl-3-hexenoate | 13894-62-7 |  |  |  | 3(1) |  |  |
| Aromatic | benzyl alcohol | 100-51-6 | X | 32(20) | 29(10) | 37(13) | 6(1) | 15(3) |
| Aromatic | 2-phenyl ethanol | 60-12-8 | X | 24(15) | 3(1) | 3(1) | 6(1) | 10(2) |
| Aromatic | phenyl acetaldehyde | 122-78-1 | X | 23(14) |  | 11(4) |  | 5(1) |
| Aromatic | benzyl acetate | 140-11-4 | X | 16(10) | 3(1) |  |  |  |
| Aromatic | acetophenone | 98-86-2 | X | 16(10) |  |  | 6(1) |  |
| Aromatic | ethyl benzoate | 93-89-0 | X | 16(10) |  |  |  |  |
| Aromatic | methyl benzoate | 93-58-3 | X | 15(9) | 26(9) | 17(6) | 17(3) | 10(2) |
| Aromatic | methyl salicylate | 119-36-8 | X | 13(8) | 17(6) | 11(4) | 17(3) |  |
| Aromatic | benzyl butyrate | 103-37-7 | X | 13(8) | 6(2) |  |  |  |
| Aromatic | benzyl propionate | 122-63-4 | X | 13(8) |  | 6(2) |  |  |
| Aromatic | phenyl ethyl acetate | 103-45-7 | X | 13(8) |  |  |  |  |
| Aromatic | benzyl salycylate | 118-58-1 | X | 10(6) |  |  |  |  |
| Aromatic | n-propyl benzoate | 2315-68-6 | X | 8(5) |  | 6(2) |  |  |
| Aromatic | benzaldehyde | 100-52-7 | X | 5(3) | 17(6) | 17(6) |  | 5(1) |
| Aromatic | diethyl phthalate | 84-66-2 |  |  | 3(1) |  |  |  |
| Aromatic | 1,2,4-trimethyl benzene | 95-63-6 |  |  |  |  | 11(2) | 5(1) |
| Aromatic | phtalic acid mono(2-ethylhexyl)ester | 4376-20-9 |  |  |  |  | 6(1) |  |
| Aromatic | benzyl valerate | 10361-39-4 |  |  |  | 3(1) |  |  |
| Aromatic | 3-propyl toluene | 1074-43-7 |  |  |  |  |  | 10(2) |
| Aromatic | toluene | 108-88-3 |  |  |  |  |  | 5(1) |
| Aromatic | benzyl benzoate | 120-51-4 |  |  |  | 3(1) |  |  |
| Aromatic | 4-phenyl-2-butanol | 2344-70-9 |  |  |  | 3(1) |  |  |
| Aromatic | salicylic acid acetate | 50-78-2 |  |  |  |  |  | 5(1) |
| Aromatic | benzothiazole | 95-16-9 |  |  |  |  |  |  |
| Aliphatic | 6-methyl-5-hepten-2-one | 110-93-0 | X | 23(14) |  |  | 6(1) | 10(2) |
| Aliphatic | 3-octanol | 589-98-0 | X | 16(10) |  |  |  |  |
| Aliphatic | cyclohexanone | 108-94-1 | X | 11(7) |  |  |  |  |
| Aliphatic | 2 ethyl hexanol | 104-76-7 | X | 10(6) | 3(1) |  | 6(1) | 10(2) |
| Aliphatic | nonanal | 124-19-6 | X | 5(3) |  |  |  | 15(3) |
| Aliphatic | decanal | 112-31-2 | X | 3(2) | 3(1) |  | 6(1) |  |
| Aliphatic | nonanol | 143-08-8 | X | 3(2) |  |  | 6(1) |  |
| Aliphatic | ethyl hexanoate | 123-66-0 | X | 3(2) |  |  |  |  |
| Aliphatic | methyl hexanoate | 106-70-7 |  |  | 11(4) | 23(8) |  |  |
| Aliphatic | (Z)-2-pentenyl acetate | 42125-10-0 |  |  | 9(3) | 20(7) |  |  |
| Aliphatic | (Z)-jasmone | 488-10-8 |  |  | 6(2) | 3(1) | 11(2) | 20(4) |
| Aliphatic | 6,10,14-trimethyl-2-pentadecanone | 502-69-2 |  |  | 3(1) |  |  | 10(2) |
| Aliphatic | propyl hexanoate | 626-77-7 |  |  | 3(1) |  |  |  |
| Aliphatic | 4-pentenyl butanoate | 30563-31-6 |  |  |  |  | 17(3) | 15(3) |
| Aliphatic | 4-methyl pentanol | 626-89-1 |  |  |  |  | 11(2) | 5(1) |
| Aliphatic | undecane | 1120-21-4 |  |  |  |  | 6(1) |  |
| Aliphatic | isobutyl isobutanoate | 97-85-8 |  |  |  |  | 6(1) |  |
| Aliphatic | 4-hydroxy-2-pentanone | 4161-60-8 |  |  |  |  | 6(1) |  |
| Aliphatic | 2,3,5-trimethyl furan | 10504-04-8 |  |  |  |  |  | 5(1) |
| Aliphatic | 3-heptanone | 106-35-4 |  |  |  |  |  | 5(1) |
| Aliphatic | butyl acetate | 123-86-4 |  |  |  | 6(2) |  | 5(1) |
| Aliphatic | octanal | 124-13-0 |  |  |  |  |  | 5(1) |
| Aliphatic | tetradecanal | 124-25-4 |  |  |  | 3(1) |  |  |
| Aliphatic | hexyl acetate | 142-92-7 |  |  |  | 3(1) |  |  |
| Aliphatic | (Z)-2-pentenol | 1576-95-0 |  |  |  | 6(2) |  |  |
| Aliphatic | isopentyl hexanoate | 2198-61-0 |  |  |  | 3(1) |  |  |
| Aliphatic | dendreralasin | 23262-34-2 |  |  |  | 3(1) |  |  |
| Aliphatic | 5-ethyl-2(5H)-furanone | 2407-43-4 |  |  |  |  |  | 5(1) |
| Aliphatic | 2-propyl furan | 4229-91-8 |  |  |  | 3(1) |  |  |
| Aliphatic | hexadecane | 544-76-3 |  |  |  |  |  | 5(1) |
| Aliphatic | 3-methyl-1-pentanol | 589-35-5 |  |  |  |  |  | 5(1) |
| Aliphatic | tetradecane | 629-59-4 |  |  |  | 3(1) |  |  |
| Aliphatic | eicosane | 112-95-8 |  |  |  |  |  | 5(1) |
| Acid | hexanoic acid | 142-62-1 | X | 6(4) | 3(1) | 9(3) | 11(2) | 5(1) |
| Acid | linoleic acid | 60-33-3 | X | 5(3) |  |  |  |  |
| Acid | butyric acid | 107-92-6 | X | 5(3) |  |  |  |  |
| Acid | decanoic acid | 334-48-5 | X | 3(2) |  |  |  |  |
| Acid | octanoic acid | 124-07-2 | X | 3(2) |  |  |  |  |
| Acid | oleic acid | 112-80-1 | X | 2(1) |  |  |  |  |
| Acid | myristic acid | 544-63-8 | X | 2(1) |  |  |  |  |
| Acid | 3-methyl pentanoic acid | 105-43-1 |  |  |  |  |  | 5(1) |
| Acid | 2-methyl butanoic acid | 116-53-0 |  |  |  |  |  | 5(1) |
| Acid | dodecanoic acid | 143-07-7 |  |  |  |  |  | 5(1) |
| Acid | isovaleric acid | 503-74-2 |  |  |  |  |  | 5(1) |