Online Resource 2: Synthetic standards used for chemical identification of the volatile compounds emitted by sugarcane plants

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| Identified Compound | Synthetic Standard | CAS Number | Product Code | Brand | Purity |
| 1H-indole | Indole | 129-72-9 | I3408 | Sigma Aldrich, St. Louis, MO, USA | ≥ 99% |
| Methyl salicylate | Methyl Salicylate, Kosher | 119-36-8 | W274518 | Sigma Aldrich, St. Louis, MO, USA | ≥ 98% |
| β-caryophyllene | β-caryophyllene, Kosher | 87-44-5 | W225207 | Sigma Aldrich, St. Louis, MO, USA | ≥ 80% |
| trans-β-farnesene | Farnesene, mixture of isomers | 18794-84-8 | W383902 | Sigma Aldrich, St. Louis, MO, USA | ≥ 90% |
| Caryophyllene oxide | (-)-Caryophyllene Oxide | 1139-30-6 | W509647 | Sigma Aldrich, St. Louis, MO, USA | ≥ 95% |
| α-copaene | (-)-α-copaene | 3856-25-5 | 27814 | Sigma Aldrich, St. Louis, MO, USA | ≥ 80% |
| Nonyl acetate (intern standard) | Nonyl acetate | 143-13-5 | N1129 | Sigma Aldrich, St. Louis, MO, USA | ≥ 99% |