

Chemical Information:

Name: Benzyl phenylacetate
CAS No.: 102-16-9
Tox21_ID No.: Tox21_200685
NTP_CID No.: 538

Date of Analysis: 27 January 2009

Supplier: Sigma-Aldrich
Lot No.: 17007HI
MW: 226.27 g/mol

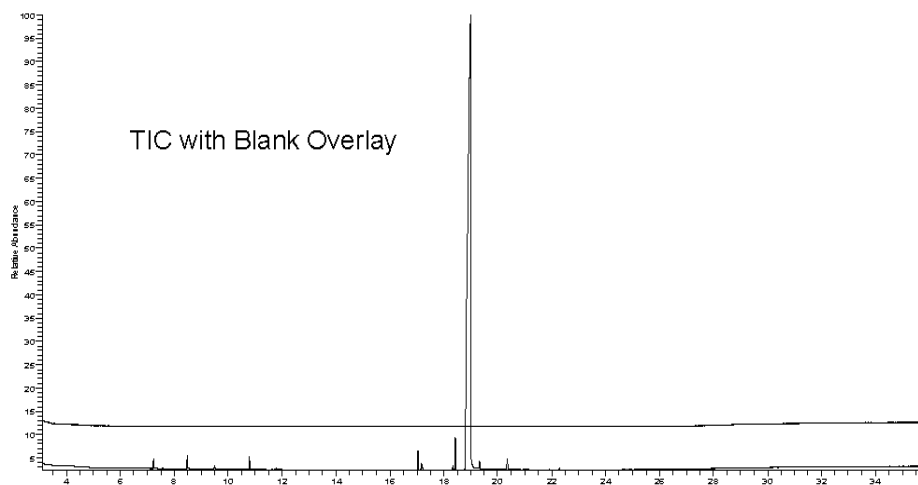
Purity and Identity Results:

| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|----------------------|----------------------|------------------------------------|
| unknown | 8.48 | 0.51 |
| unknown | 17.05 | 0.80 |
| unknown | 18.43 | 1.52 |
| Benzyl phenylacetate | 19.00 | 95.04 |

^a Peaks comprising $\geq 0.5\%$ of total area.

GC/MS Instrument Parameters:

| | |
|-------------------------|--|
| Instrument / Ionization | Gas Chromatograph with Mass Spectrometer / Electron Impact |
| Solvent | Dichloromethane |
| Column | J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- μ m film thickness |
| Carrier Gas | Helium at 1.0 mL/min |
| Oven Program | 35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 7 min |
| Source Temperature | 250°C |
| Auxiliary Temperature | 250°C |
| Scan Range | 25 – 350 amu |
| Injector Temperature | 250°C |
| Injection Volume / Mode | 1 μ L / Split (10:1) |
| Run Time | 36.5 minutes |
| Data Analysis Software | Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008 |



09A27T15 #1896 RT: 18.00 AV: 1 SB: 2 18.79, 19.01 NL: 1.69E5
T: (0.0) + c EI (m/z 350.00 Fullms [25.00-350.00])

