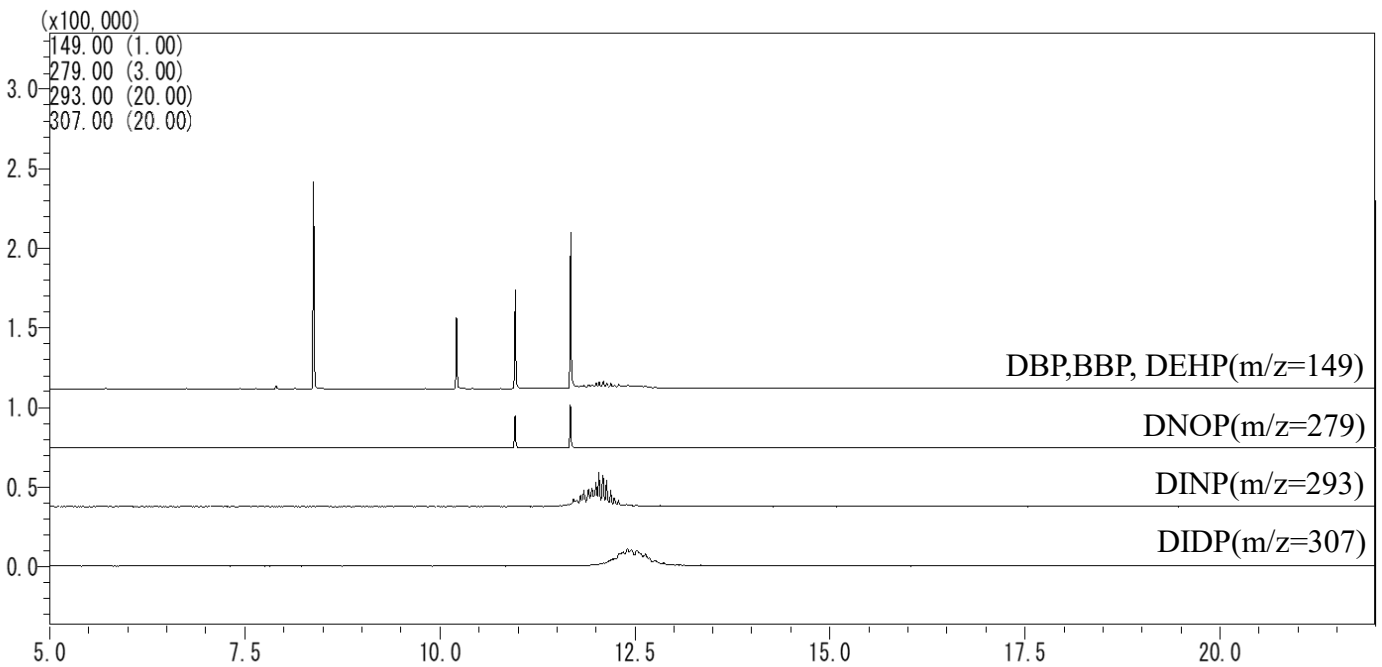
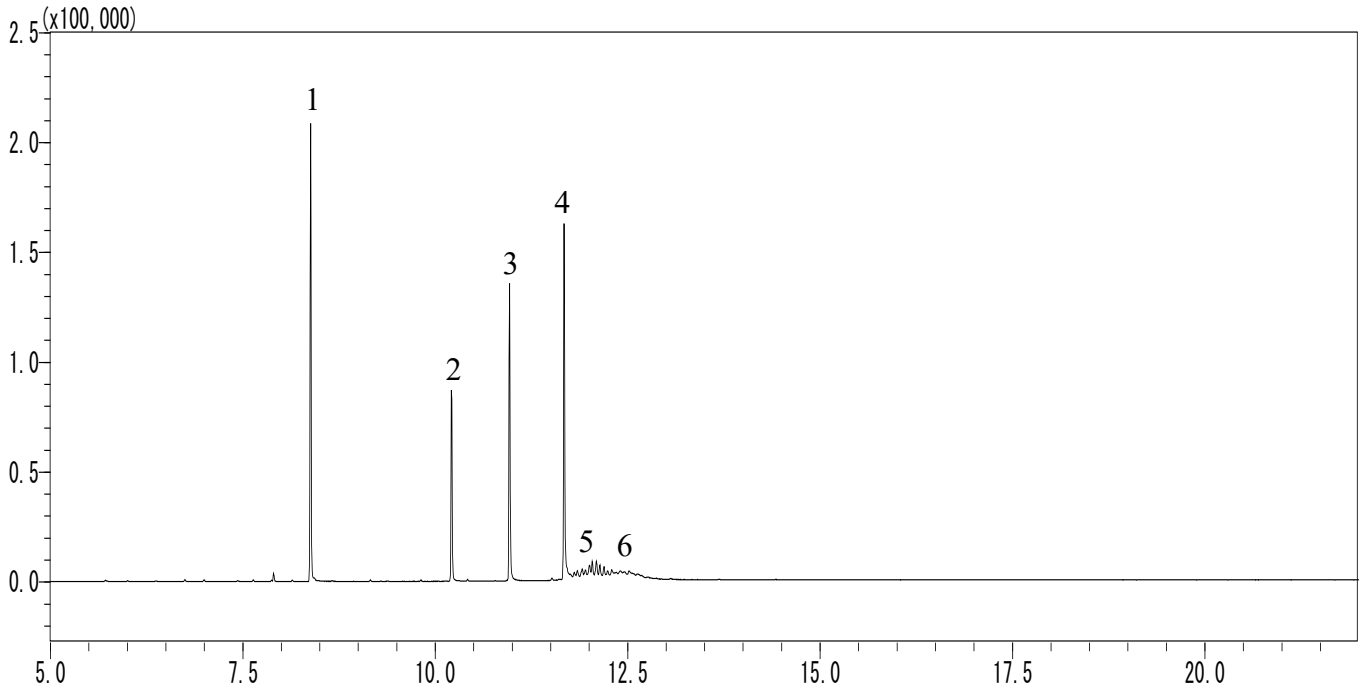


InertSearch™ for GC

InertCap® Applications

Phthalic acid esters

Data No. GA189-0904



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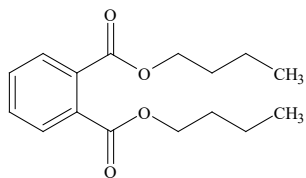
Conditions

System	: GC/MS
Column	: InertCap 5MS 0.25 mm I.D. x 30 m df = 0.25 µm
Col. Temp.	: 100 °C(1 min hold) - 20 °C/min - 320 °C(10 min hold)
Carrier Gas	: He 42.4 cm/sec
Injection	: Splitless 1 min 250 °C
Detection	: MS SIM Interface Temp. 280 °C
Sample Size	: 1 µg/mL in Acetone 1 µL

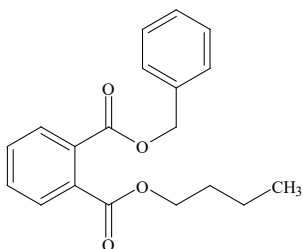
Analyte :

1. Di-*n*-butyl phthalate (DBP)
2. Benzyl butyl phthalate (BBP)
3. Di(2-ethylhexyl) phthalate (DEHP)
4. Di-*n*-octyl phthalate (DNOP)
5. Diisononyl phthalate (DINP)
6. Diisodecyl phthalate (DIDP)

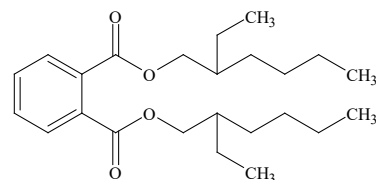
Chemical Structure



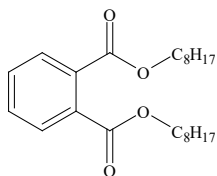
1. Di-*n*-butyl phthalate



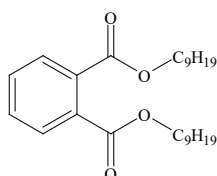
2. Benzyl butyl phthalate



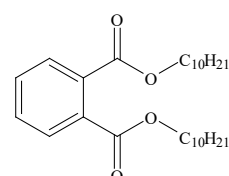
3. Di(2-ethylhexyl) phthalate



4. Di-*n*-octyl phthalate



5. Diisononyl phthalate



6. Diisodecyl phthalate

Structures are created using Chemistry 4-D Draw which is provided by ChemInnovation Software, Inc.