

## Phthalate Esters using Kinetex 2.6u Phenyl-Hexyl

**Column:** Kinetex® 2.6 µm Phenyl-Hexyl 100 Å, LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4495-AN

**Elution Type:** Gradient

**Eluent A:** Water with 0.1% Formic acid

**Eluent B:** 50/50 Acetonitrile/Methanol

| Gradient Profile: | Step No. | Time (min) | Pct A | Pct B |
|-------------------|----------|------------|-------|-------|
|                   | 1        | 0          | 65    | 35    |
|                   | 2        | 15         | 10    | 90    |

**Flow Rate:** 0.5 mL/min

**Col. Temp.:** ambient

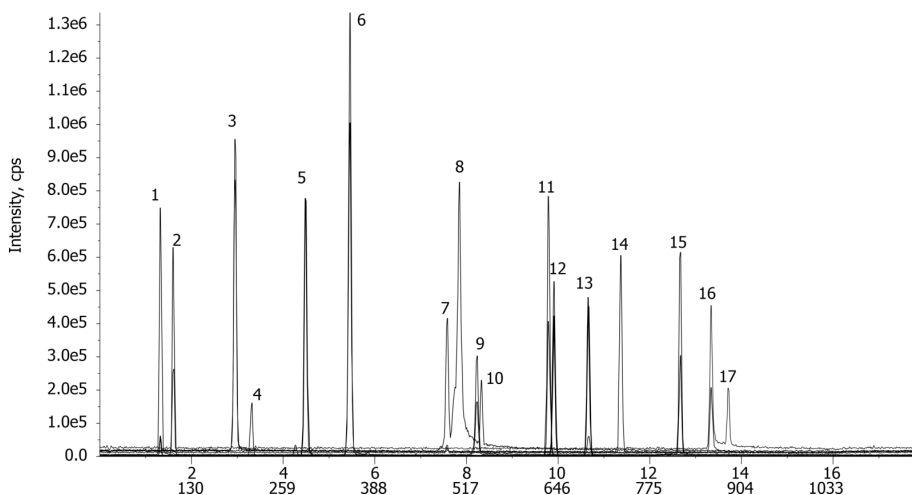
**Detection:** Mass Spectrometer (MS) @ amu (ambient)

**Detector Info:** <a target="\_blank"

href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&utm\_source=phenomenex&utm\_medium=referral">SCIEX<



Products used in this application:



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### ANALYTES:

- 1** Dimethyl phthalate
- 2** bis(2-Methoxyethyl)phthalate
- 3** Diethyl phthalate
- 4** bis(2-Ethoxyethyl)phthalate
- 5** Diallyl phthalate
- 6** Di-n-propyl phthalate
- 7** Diisobutyl phthalate
- 8** Di-n-butyl phthalate
- 9** bis(2-n-Butoxyethyl)phthalate
- 10** Dibenzylbutyl phthalate
- 11** Dipentyl phthalate
- 12** Dicyclohexyl phthalate
- 13** Di-4-methyl-2-pentyl phthalate
- 14** Dihexyl phthalate
- 15** Diheptyl phthalate
- 16** bis(2-Ethylhexyl)phthalate
- 17** Di-n-octyl phthalate

