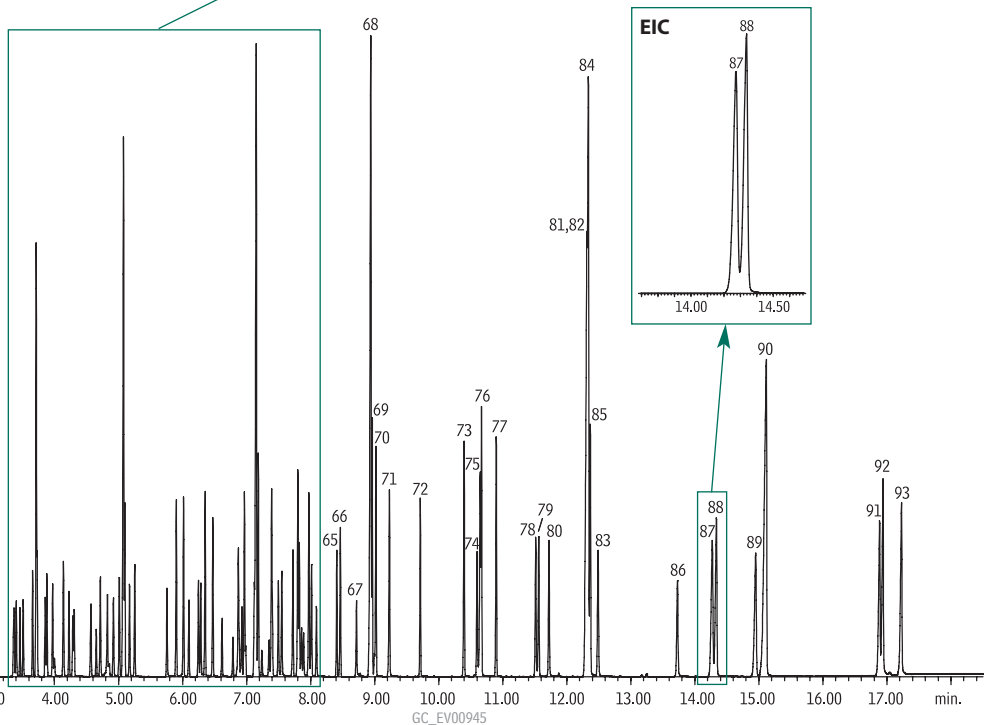
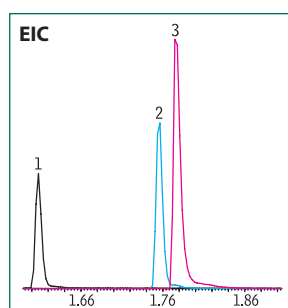
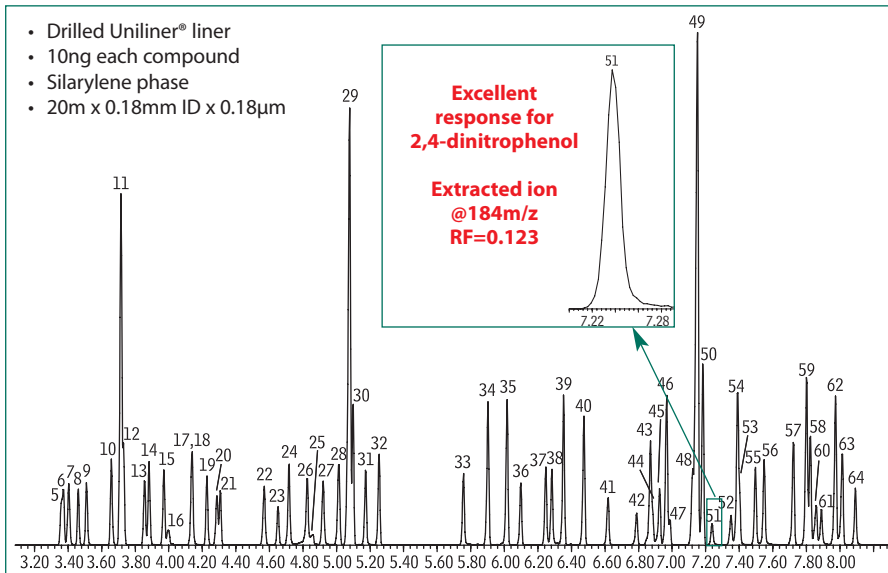


Semivolatile Organics US EPA Method 8270 Rxi®-5Sil MS

Column: Rxi®-5Sil MS, 20m, 0.18mm ID, 0.18µm (cat.# 43602)
 Sample: US EPA Method 8270D Mix, 1µL of 10µg/mL (IS 40µg/mL)
 8270 MegaMix® (cat.# 31850)
 Benzoic Acid (cat.# 31879)
 8270 Benzidines Mix (cat.# 31852)
 Acid Surrogate Mix (4/89 SOW) (cat.# 31025)
 Revised B/N Surrogate Mix (cat.# 31887)
 1,4-Dioxane (cat.# 31853)
 SV Internal Standard Mix (cat.# 31206)
 Inj.: 1.0µL (10ng on-column concentration), 4mm Drilled Uniliner® (hole near bottom) inlet liner (cat.# 20756), pulsed splitless: pulse 20psi @ 0.2 min., 60mL/min. @ 0.15 min.
 Inj. temp.: 250°C
 Carrier gas: helium, constant flow
 Flow rate: 1.0mL/min.
 Oven temp.: 50°C (hold 0.5 min.) to 260°C @ 20°C/min. to 280°C @ 5°C/min. to 330°C @ 20°C/min. (hold 1.0 min.)
 Det.: MS
 Transfer line temp: 280°C
 Scan range: 35-550amu
 Ionization: EI
 Mode: scan

- Drilled Uniliner® liner
- 10ng each compound
- Silarylene phase
- 20m x 0.18mm ID x 0.18µm



- 1,4-dioxane
- n*-nitrosodimethylamine
- pyridine
- 2-fluorophenol (SS)
- phenol-d6 (SS)
- phenol
- aniline
- bis*(2-chloroethyl) ether
- 2-chlorophenol
- 1,3-dichlorobenzene
- 1,4-dichlorobenzene-d4 (IS)
- 1,4-dichlorobenzene
- benzyl alcohol
- 1,2-dichlorobenzene
- 2-methylphenol
- bis*(2-chloroisopropyl) ether
- 4-methylphenol/3-methylphenol

- n*-nitroso-*n*-propylamine
- hexachloroethane
- nitrobenzene-d5 (SS)
- nitrobenzene
- isophorone
- 2-nitrophenol
- 2,4-dimethylphenol
- benzoic acid
- bis*(2-chloroethoxy)methane
- 2,4-dichlorophenol
- 1,2,4-trichlorobenzene
- naphthalene-d8 (IS)
- naphthalene
- 4-chloroaniline
- hexachlorobutadiene
- 4-chloro-3-methylphenol
- 2-methylnaphthalene

- 1-methylnaphthalene
- hexachlorocyclopentadiene
- 2,4,6-trichlorophenol
- 2,4,5-trichlorophenol
- 2-fluorobiphenyl (SS)
- 2-chloronaphthalene
- 2-nitroaniline
- 1,4-dinitrobenzene
- dimethyl phthalate
- 1,3-dinitrobenzene
- 2,4-dinitrotoluene
- 1,2-dinitrobenzene
- acenaphthylene
- 3-nitroaniline
- acenaphthene-d10 (IS)
- acenaphthene
- 2,4-dinitrophenol

- 4-nitrophenol
- 2,4-dinitrotoluene
- dibenzofuran
- 2,3,5,6-tetrachlorophenol
- 2,3,4,6-tetrachlorophenol
- diethyl phthalate
- 4-chlorophenyl phenyl ether
- fluorene
- 4-nitroaniline
- 4,6-dinitro-2-methylphenol
- n*-nitrosodiphenylamine (diphenylamine)
- 1,2-diphenylhydrazine (as azobenzene)
- 2,4,6-tribromophenol (SS)
- 4-bromophenyl phenyl ether
- hexachlorobenzene

- pentachlorophenol
- phenanthrene-d10 (IS)
- phenanthrene
- anthracene
- carbazole
- di-n*-butyl phthalate
- fluoranthene
- benzidine
- pyrene-d10 (SS)
- pyrene
- p*-terphenyl-d14 (SS)
- 3,3'-dimethylbenzidine
- butyl benzyl phthalate
- bis*(2-ethylhexyl) adipate
- 3,3'-dichlorobenzidine
- benzo(a)anthracene
- bis*(2-ethylhexyl) phthalate

- chrysene-d12 (IS)
- chrysene
- di-n*-octyl phthalate
- benzo(b)fluoranthene
- benzo(k)fluoranthene
- benzo(a)pyrene
- perylene-d12 (IS)
- dibenzo(a,h)anthracene
- indeno(1,2,3-cd)pyrene
- benzo(ghi)perylene