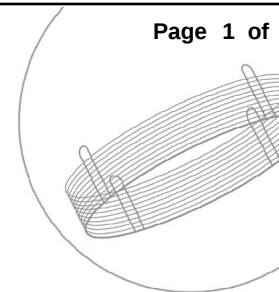


## 8270 Semi-Volatile Organic Analysis

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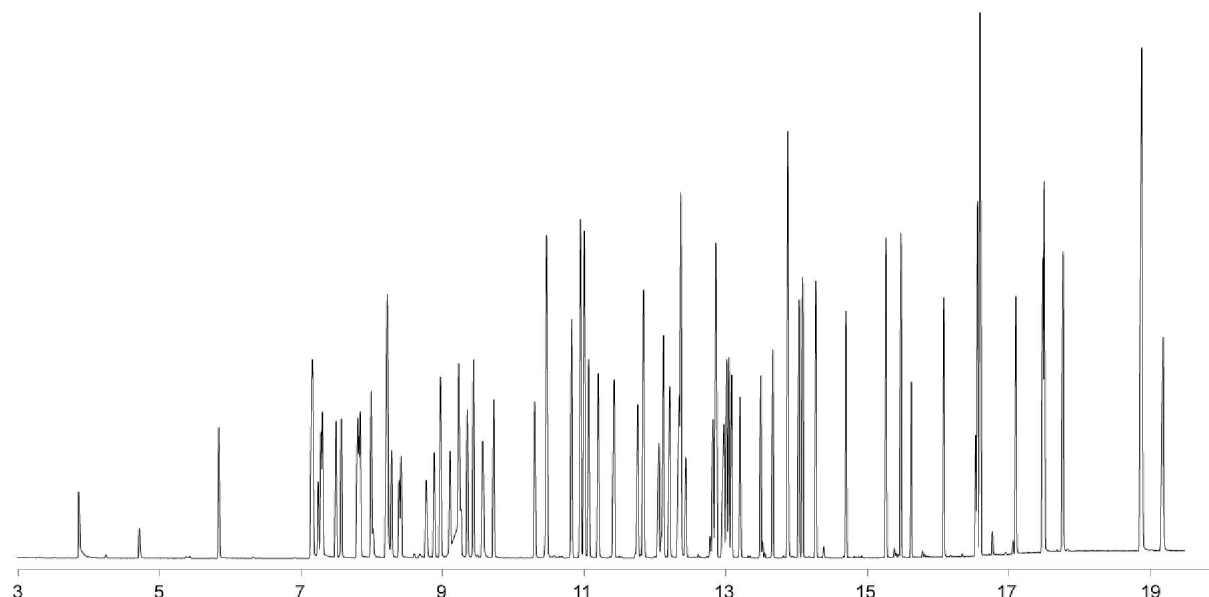
**Column:** Zebron ZB-5  
**Phase:** 5%-diphenyl-95%-dimethyl polysiloxane copolymer  
**Dimensions:** 30 meters x 0.25 mm x 0.25 µm  
**Order No:** 7HG-G002-11  
**Oven Profile:** 40°C (3 min) to 70°C at 20°C/min to 195°C at 16°C/min to 335°C at 30°C/min (hold 2.5 min)  
**Carrier Gas:** Constant Flow Helium, 1.45 mL/min  
**Injection:** splitless 2 µL @ 250 °C  
**Detection:** Mass Selective (MSD) (310 °C)



Products used in this Application:



14567



## ANALYTES:

- |                            |                                |                               |
|----------------------------|--------------------------------|-------------------------------|
| 1 N-Nitrosodimethylamine   | 10 1,3-Dichlorobenzene         | 19 p-Cresol                   |
| 2 Pyridine                 | 11 1,4-Dichlorobenzene         | 20 m-Cresol                   |
| 3 2-Fluorophenol           | 12 1,2-Dichlorobenzene-d4      | 21 N-Nitroso-di-n-propylamine |
| 4 Aniline                  | 13 1,2-Dichlorobenzene         | 22 Nitrobenzene               |
| 5 d6-Phenol                | 14 Benzyl Alcohol              | 23 Isophorone                 |
| 6 Phenol                   | 15 Nitrobenzene-d5             | 24 2-Nitrophenol              |
| 7 2-Chlorophenol-d4        | 16 o-Cresol                    | 25 2,4-Dimethylphenol         |
| 8 2-chlorophenol           | 17 bis(2-Chloroisopropyl)ether | 26 bis(2-Chloroethoxy)methane |
| 9 bis(2-chloroethyl) ether | 18 Hexachloroethane            | 27 2,4-Dichlorophenol         |

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|                                |                                |
|--------------------------------|--------------------------------|
| 28 Benzoic Acid                | 73 Bis(2-ethylhexyl) phthalate |
| 29 1,2,4-Trichlorobenzene      | 74 Di-n-octyl phthalate        |
| 30 Naphthalene                 | 75 Benzo[b]fluoranthene        |
| 31 4-Chloroaniline             | 76 Benz[k]fluoroanthene        |
| 32 Hexachlorobutadiene         | 77 Benzo[a]pyrene              |
| 33 4-Chloro-3-methylphenol     | 78 Indenol(1,2,3) pyrene       |
| 34 2-Methylnaphthalene         | 79 Dibenzo[a,h]anthracene      |
| 35 Hexachlorocyclopentadiene   | 80 Dibenzo(g,h,i)pyrene        |
| 36 2,4,6-Trichlorophenol       |                                |
| 37 2,4,5-Trichlorophenol       |                                |
| 38 2-fluorobiphenyl            |                                |
| 39 2-Chloronaphthalene         |                                |
| 40 2-Nitroaniline              |                                |
| 41 Acenaphthylene              |                                |
| 42 Dimethyl phthalate          |                                |
| 43 2,6-Dinitrotoluene          |                                |
| 44 3-Nitroaniline              |                                |
| 45 Acenaphthene                |                                |
| 46 2,4-Dinitrophenol           |                                |
| 47 Dibenzofuran                |                                |
| 48 4-Nitrophenol               |                                |
| 49 1-Methyl-2,4-dinitrobenzene |                                |
| 50 Fluorene                    |                                |
| 51 Diethyl Phthalate           |                                |
| 52 4-Chlorophenyl phenyl ether |                                |
| 53 4-Nitroaniline              |                                |
| 54 2-Methyl-4,6-dinitrophenol  |                                |
| 55 N-Nitrosodiphenylamine      |                                |
| 56 Azobenzene                  |                                |
| 57 2,4,6-Tribromophenol        |                                |
| 58 4-Bromophenyl phenyl ether  |                                |
| 59 Hexachlorobenzene           |                                |
| 60 Pentachlorophenol           |                                |
| 61 Phenanthrene                |                                |
| 62 Anthracene                  |                                |
| 63 Carbazole                   |                                |
| 64 Dibutyl phthalate           |                                |
| 65 Fluoranthene                |                                |
| 66 Benzidine                   |                                |
| 67 Pyrene                      |                                |
| 68 p-Terphenyl-d14             |                                |
| 69 Benzyl butyl phthalate      |                                |
| 70 Chrysene                    |                                |
| 71 Benzo[a]anthracene          |                                |
| 72 benzidine                   |                                |



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