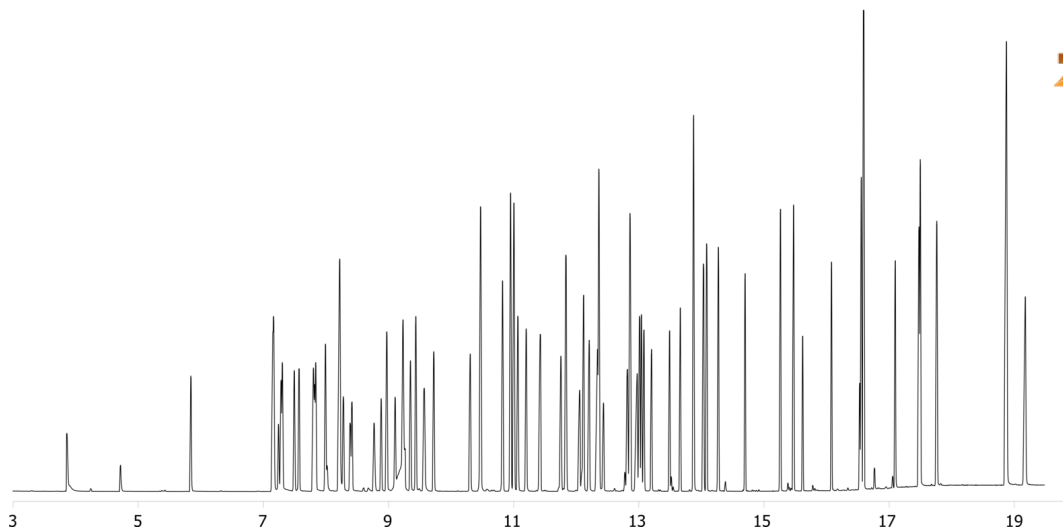


8270 Semi-Volatile Organic Analysis on ZB-5

Column: Zebtron™ ZB-5, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea
Phase: 5% Phenyl 95% Dimethylpolysiloxane
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 :1 2 µL @ 250°C
Detection: Mass Selective (MSD) (230°C)

14567

**Products used in this application:**

8270 Semi-Volatile Organic Analysis on ZB-5

ANALYTES:

1	N-Nitrosodimethylamine	41	Acenaphthylene
2	Pyridine	42	Dimethyl phthalate
3	2-Fluorophenol	43	2,6-Dinitrotoluene
4	Aniline	44	3-Nitroaniline
5	Phenol-d6	45	Acenaphthene
6	Phenol	46	2,4-Dinitrophenol
7	2-Chlorophenol-d4	47	Dibenzofuran
8	2-Chlorophenol	48	4-Nitrophenol
9	bis(2-Chloroethyl)ether	49	1-Methyl-2,4-dinitrobenzene
10	1,3-Dichlorobenzene	50	Fluorene
11	1,4-Dichlorobenzene	51	Diethyl phthalate
12	1,2-Dichlorobenzene-d4	52	4-Chlorophenylphenylether
13	1,2-Dichlorobenzene	53	4-Nitroaniline
14	Benzyl alcohol	54	2-Methyl-4,6-dinitrophenol
15	Nitrobenzene-d5	55	N-Nitrosodiphenylamine
16	o-Cresol	56	Azobenzene
17	bis(2-Chloroisopropyl)ether	57	2,4,6-Tribromophenol
18	Hexachloroethane	58	4-Bromophenyl phenyl ether
19	p-Cresol	59	Hexachlorobenzene
20	m-Cresol	60	Pentachlorophenol
21	N-Nitroso-di-n-propylamine	61	Phenanthrene
22	Nitrobenzene	62	Anthracene
23	Isophorone	63	Carbazole
24	2-Nitrophenol	64	Dibutyl phthalate
25	2,4-Dimethylphenol	65	Fluoranthene
26	bis(2-Chloroethoxy)methane	66	Benzidine
27	2,4-Dichlorophenol	67	Pyrene
28	Benzoic acid	68	p-Terphenyl-d14
29	1,2,4-Trichlorobenzene	69	Benzyl butyl phthalate
30	Naphthalene	70	Chrysene
31	4-Chloroaniline	71	Benzo[a]anthracene
32	Hexachlorobutadiene	72	Benzidine
33	4-Chloro-3-methylphenol	73	bis(2-Ethylhexyl)phthalate
34	2-Methylnaphthalene	74	Di-n-octyl phthalate
35	Hexachlorocyclopentadiene	75	Benzo[b]fluoranthene
36	2,4,6-Trichlorophenol	76	Benzo[k]fluoranthene
37	2,4,5-Trichlorophenol	77	Benzo[a]pyrene
38	2-Fluorobiphenyl	78	Indeno[1,2,3-cd]pyrene
39	2-Chloronaphthalene	79	Dibenz[a,h]anthracene
40	2-Nitroaniline	80	Dibenzo[g,h,i]pyrene

