

## EPA Method 525.2 on ZB-SemiVolatiles

**Column:** Zebtron™ ZB-SemiVolatiles, GC Cap. Column 30 m x 0.25 mm x 0.25 µm, Ea

**Phase:** 5% Phenyl-Arylene 95% Dimethylpolysiloxane (Enviro-Inert)

**Dimensions:** 30 meters x 0.25 mm x 0.25 µm

**Order No:** 7HG-G027-11

**Oven Profile:** 60 °C for 0.75 min to 180 °C @ 20 °C/min to 250 °C @ 10 °C/min to 310 °C @ 25 °C/min for 5 min.

**Carrier Gas:** Constant Flow Helium, 1.2 mL/min

**Injection:** Pulsed :1 1 µL @ 260°C

**Detection:** Mass Selective (MSD) (320°C)

**Analyst Note:** All analytes are 5ppm in dichloromethane except pentachlorophenol at 20ppm.

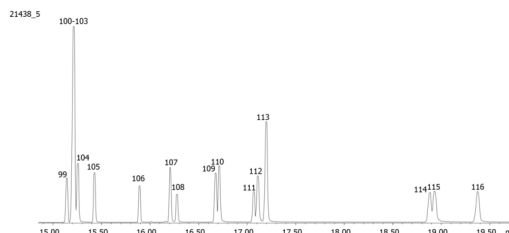
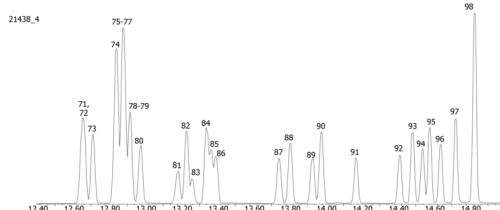
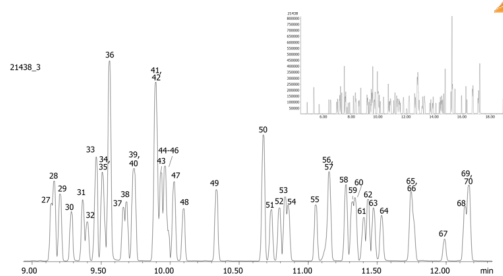
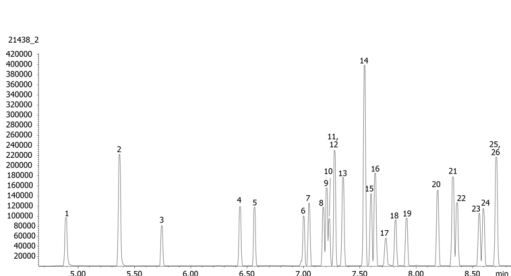
Liner: Single taper with wool at bottom (AG0-8499)

Septum: PhenoRed (AG0-4697)

Gold Seal: Easy Seal (AG0-8620)



Products used in this application:



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## ANALYTES:

1	Isophorone	41	Phenanthrene-d10	81	Tricyclazole
2	1,3-Dimethyl-2-nitrobenzene	42	Chlorthalonil	82	DDE
3	Dichlorvos	43	Phenanthrene	83	DEF
4	Hexachlorocyclopentadiene	44	Disulfoton	84	BZ# 154
5	EPTC	45	Methyl paraoxon	85	Dieldrin
6	Mevinphos	46	Terbacil	86	Carboxin
7	Butylate	47	Anthracene	87	Endrin
8	Vernolate	48	delta-BHC	88	Chlorobenzilate
9	Dimethyl phthalate	49	BZ# 29	89	Endosulfan II
10	Etridiazole	50	Alachlor	90	DDD
11	2,6-Dinitrotoluene	51	Simetryn	91	Endrin aldehyde
12	Pebulate	52	Ametryn	92	Norflurazon
13	Acenaphthylene	53	Prometryn	93	Benzyl butyl phthalate
14	Acenaphthene-d10	54	Heptachor	94	Endosulfan sulfate
15	Chloroneb	55	Terbutryn	95	DDT
16	BZ# 1	56	Bromacil	96	Hexazinone
17	Tebuthiuron	57	Dibutyl phthalate	97	bis(2-Ethylhexyl)adipate
18	2,4-Dinitrotoluene	58	BZ# 47	98	Triphenyl phosphate
19	Molinate	59	Metolachlor	99	BZ# 171
20	Diethyl phthalate	60	Chloropyrifos	100	Benz[a]anthracene
21	Fluorene	61	Cyanazine	101	BZ# 200
22	Propachlor	62	Dacthal	102	Methoxychlor
23	Ethoprop	63	Aldrin	103	Chrysene-d12
24	Cycloate	64	Triadimefon	104	Chrysene
25	Trifluralin	65	Diphenamide	105	Bis(2-ethylhexyl)phthalate
26	Chlorpropham	66	MGK-264	106	Fenarimol
27	alpha-BHC	67	MGK-264	107	cis-Permethrin
28	BZ# 5	68	Heptachlor epoxide	108	trans-Permethrin
29	Hexachlorobenzene	69	Merphos	109	Benzo[b]fluoranthene
30	Atraton	70	BZ# 98	110	Benzo[k]fluoranthene
31	Prometon	71	trans-Chlordane	111	Fluridone
32	Simazine	72	Tetrachlorvinphos	112	Benzo[a]pyrene
33	Atrazine	73	Butachlor	113	Perylene-d12
34	b-BHC	74	Pyrene d10	114	Indeno[1,2,3-cd]pyrene
35	Propazine	75	Pyrene	115	Dibenz[a,h]anthracene
36	Pentachlorophenol	76	cis-Chlordane	116	Benzo[g,h,i]perylene
37	gamma-BHC	77	Endosulfan I		
38	Terbufos	78	Fenamiphos		
39	Pronamide	79	trans-Nonachlor		
40	Diazinon	80	Napropamide		

