

# HPLC Application

ID No.: 24416

## BEH Comps - Pesticide Panel using Luna Omega 1.6um Polar C18 50 x 2.1mm

**Column:** Luna Omega 1.6 um Polar C18 100 A LC Column 50 x 2.1 mm, Ea

**Dimensions:** 50 x 2.1 mm ID

**Order No:** 00B-4748-AN

**Elution Type:** Gradient

**Eluent A:** 10mM Ammonium formate

**Eluent B:** 0.1% Formic acid in Acetonitrile

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	97	3
	2	5	0	100
	3	7	0	100

**Flow Rate:** 0.5 mL/min

**Col. Temp.:** 40 °C

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

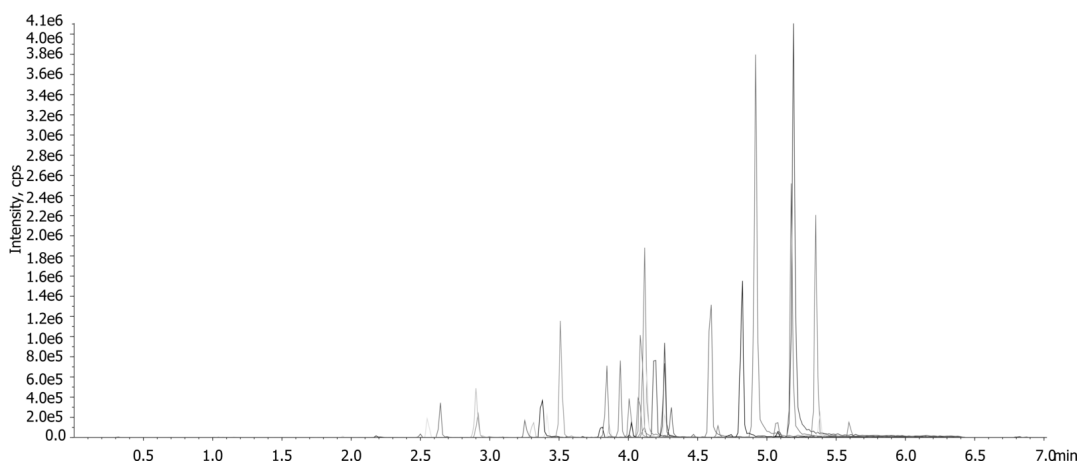
**Detector Info:** <a target="\_blank"

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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	Acephate 1	41	Oxamyl 1
2	Acequinocyl 1	42	Paclbutrazol 1
3	Acetamiprid 1	43	Parathion-methyl 1
4	Aldicarb 1	44	Permethrin, cis-1
5	Avermectin B1a 1	45	Permethrin, trans-1
6	Avermectin B1b 1	46	Phosmet 1
7	Azoxystrobin 1	47	Piperonyl butoxide 1
8	Bifenazate 1	48	Prallethrin 1
9	Bifenthrin 1	49	Propiconazole 1
10	Boscalid 1	50	Propoxure 1
11	Carbaryl 1	51	Pyrethrins Cinerin 1
12	Carbofuran 1	52	Pyrethrins Jasmolin 1
13	Chlorantraniliprole 1	53	Pyrethrins Pyrethrin 1
14	Chlorpyrifos 1	54	Pyridaben 1
15	Clofentezine 1	55	Spinosyn A 1
16	Cyfluthrin 1	56	Spinosyn D 1
17	Cypermethrin 1	57	Spiromesifen 1
18	Daminozide 1	58	Spirotetramat 1
19	Diazinon 1	59	Spiroxamine 1
20	Dichlorvos 1	60	Tebuconazole 1
21	Dimethoate 1	61	Thiacloprid 1
22	Ethoprophos 1	62	Thiamethoxam 1
23	Etofenprox 1	63	Trifloxystrobin 1
24	Etoxazole 1	64	Uniconazole 1
25	Fenoxycarb 1		
26	Fenpyroximate 1		
27	Fipronil 1		
28	Fipronil NH4 1		
29	Flonicamid 1		
30	Fludioxinil 1		
31	Hexythiazox 1		
32	Imazalil 1		
33	Imidacloprid 1		
34	Kresoxim-methyl 1		
35	Malathion A 1		
36	Metalaxyl 1		
37	Methiocarb 1		
38	Methomyl 1		
39	Myclobutanil 1		
40	Naled 1		

