

# HPLC Application

ID No.: 24471

## Pesticides Standard on Kinetex Biphenyl by LCMS

**Column:** Kinetex® 5 µm Biphenyl 100 Å LC Column 50 x 4.6 mm, Ea

**Dimensions:** 50 x 4.6 mm ID

**Order No:** 00B-4627-E0

**Elution Type:** Gradient

**Eluent A:** 10 mM ammonium formate in water

**Eluent B:** Methanol

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	98	2
	2	1	98	2
	3	10	0	100
	4	13	0	100
	5	13.1	98	2
	6	16	98	2

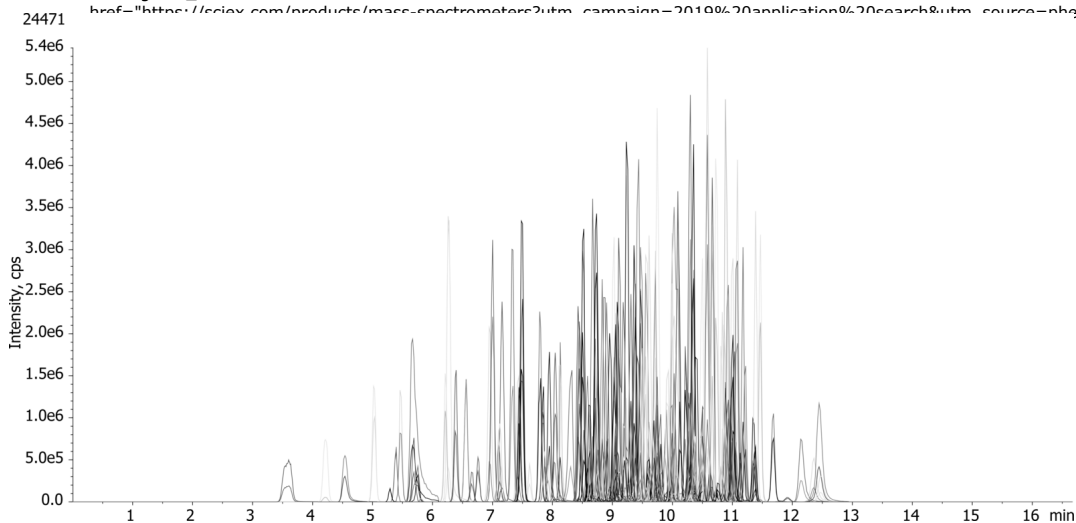
**Flow Rate:** 0.5 mL/min

**Col. Temp.:** 35 °C

**Detection:** Tandem Mass Spec (MS-MS) @ (ambient)

**Detector Info:**

<a target="\_blank" href="https://sciex.com/products/mass-spectrometers?utm\_campaign=2019%20application%20search&utm\_source=phenomenex&utm\_medium=referral">SCIEX</a>



Products used in this application:



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### ANALYTES:

1	Methamidophos	41	Tebuthiuron	81	Ametryn
2	Acephate	42	Propoxur	82	Triadimenol
3	Cyromazine	43	Ethirimol	83	Clethodim Z
4	Omethoate	44	Aminocarb	84	Diethofencarb
5	Mesotrione	45	Bendiocarb	85	Promecarb
6	Dinotefuran	46	Monolinuron	86	Oxadixyl
7	Aldicarb-sulfoxide	47	Propham	87	Pirimicarb
8	Propamocarb	48	Chlortoluron	88	Methoprotryne
9	Butoxycarboxim	49	Metribuzin	89	Iprovalicarb
10	Aldicarb-sulfone	50	Forchlorfenuron	90	Flutolanil
11	Flonicamid	51	Diuron	91	Cyproconazole (isomer 2)
12	Formetanate	52	Pyracarbolid	92	Cyproconazole (isomer 1)
13	Methabenzthiazuron	53	Sulfentrazone	93	Methiocarb
14	Monocrotophos	54	Isoprocarb	94	Mexacarbate
15	OxamyI	55	Carbofuran	95	Nuarimol
16	Methomyl	56	Carbaryl	96	Neburon
17	Nitenpyram	57	Thiofanox	97	Fenhexamid
18	Clothianidin	58	Metobromuron	98	Prometryn
19	Fenuron	59	Isoproturon	99	Pyrimethanil
20	Dicrotophos	60	Thiacloprid	100	Tetraconazole
21	3-Hydroxycarbofuran	61	Ethiofencarb	101	Diclobutrazol
22	Thiamethoxam	62	Simetryn	102	Etaconazole (isomer 1)
23	Acibenzolar-S-methyl	63	Thiophanate-methyl	103	Triadimefon
24	Pymetrozine	64	Prometon	104	Mepronil
25	Dimethoate	65	Cycluron	105	Metalaxyl
26	Carbendazim	66	Secbumeton	106	Methoxyfenozide
27	Mevinphos E	67	Ethiprole	107	Terbutryn
28	Dioxacarb	68	Flutriafol	108	Chloroxuron
29	Vamidotion	69	Fenobucarb	109	Fenamidone
30	Cymoxanil	70	Siduron	110	Myclobutanil
31	Carbetamide	71	Carboxin	111	Tricyclazole
32	Mevinphos Z	72	Linuron	112	Triticonazole
33	Imidacloprid	73	Desmedipham	113	Boscalid
34	Aldicarb	74	Fludioxinil	114	Ethofumesate
35	Fuberidazole	75	Isocarbophos	115	Hexaconazole
36	Thiabendazole	76	Phenmedipham	116	Tebuconazole
37	Thidiazuron	77	Halofenozide	117	Prothioconazole
38	Fluometuron	78	Fipronil	118	Tebufenozide
39	Acetamiprid	79	Paclobutrazol	119	Fenarimol
40	Clethodim E	80	Terbumeton	120	Diflubenzuron
				121	Diniconazole
				122	Spiroxamine
				123	Zoxamide
				124	Triflumuron
				125	Flufenacet
				126	Novaluron
				127	Bifenazate
				128	Mandipropamid
				129	Metconazole
				130	Penconazole
				131	Monopyrim

