

HPLC Application

ID No.: 24016

Pesticide panel using Luna Omega 3um Polar C18 50x4.6mm

Column: Luna® Omega 3 µm Polar C18 100 Å, LC Column 50 x 4.6 mm, Ea

Dimensions: 50 x 4.6 mm ID

Order No: 00B-4760-E0

Elution Type: Gradient

Eluent A: Water with 0.1% formic acid

Eluent B: Methanol with 0.1% formic acid

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	95	5
	2	5	0	100
	3	6	0	100
	4	6.1	95	5

Flow Rate: 0.7 mL/min

Col. Temp.: ambient

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

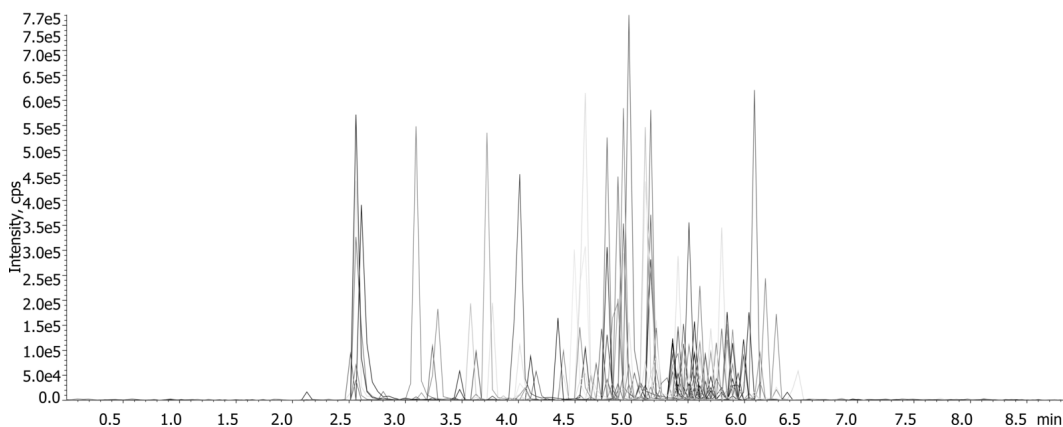
Detector Info: <a target="_blank"

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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	Alphabetical List of Pesticides (Not by retention)	41	Cyazofamid	81	Fipronil
2	3-Hydroxycarbofuran	42	Cycluron	82	Flonicamid
3	Abamectin	43	Cymoxanil	83	Fluazinam
4	Acephate	44	Cyproconazole	84	Flubendimide
5	Acetamiprid	45	Cyprodinil	85	Fludioxonil
6	Acibenzolar-S-methyl	46	Cyromazine	86	Flufenacet
7	Alanycarb	47	Desmedipham	87	Flufenoxuron
8	Aldicarb	48	Diclobutrazol	88	Fluometuron
9	Aldicarb sulfone	49	Dicrotophos	89	Fluoxastrobin
10	Aldicarb sulfoxide	50	Diethofencarb	90	Fluquinconazole
11	Ametryn	51	Difenoconazole	91	Flusilazole
12	Aminocarb	52	Diflubenzuron	92	Flutolanil
13	Amitraz	53	Dimethoate	93	Flutriafol
14	Azoxystrobin	54	Dimethomorph	94	Forchlorfenuron
15	Benalaxyl	55	Dimoxystrobin	95	Formetanate HCL
16	Bendiocarb	56	Diniconazole	96	Fuberidazole
17	Benfuracarb	57	Dinotefuran	97	Furalaxyl
18	Benzoximate	58	Dioxacarb	98	Furathiocarb
19	Bifenazate	59	Diuron	99	Halofenozide
20	Bitertanol	60	Doramectin	100	Hexaconazole
21	Boscalid	61	Emamectin-benzoate	101	Hexaflumuron
22	Bromucanazole	62	Epoxiconazole	102	Hexythiazox
23	Bupirimate	63	Eprinomectin	103	Hydramethylnon
24	Buprofezin	64	Etaconazole	104	Imazalil
25	Butafenacil	65	Ethiofencarb	105	Imidacloprid
26	Butocarboxim	66	Ethiprole	106	Indoxacarb
27	Butoxycarboxim	67	Ethirimol	107	Ipconazole
28	Carbaryl	68	Ethofumesate	108	Iprovalicarb
29	Carbendazim	69	Etoxazole	109	Isocarbofos
30	Carbetamide	70	Famoxadone	110	Isoprocarb
31	Carbofuran	71	Fenamidone	111	Isoproturon
32	Carboxin	72	Fenarimol	112	Ivermectin
33	Carfentrazone-ethyl	73	Fenazaquin	113	Kresoxim-methyl
34	Chlorantraniliprole	74	Fenbuconazole	114	Linuron
35	Chlorfluazuron	75	Fenhexamid	115	Lufenuron
36	Chlorotoluron	76	Fenobucarb	116	Mandipropamid
37	Chloroxuron	77	Fenoxycarb	117	Mefenacet
38	Clethodim	78	Fenpropimorph	118	Mepanipyrim
39	Clofentezine	79	Fenpyroximate	119	Mepronil
40	Clothianidin	80	Fenuron	120	Mesotrione
				121	Metaflumizone
				122	Metalaxyl
				123	Metconazole
				124	Methabenzthiazuron
				125	Methamidophos
				126	Methiocarb
				127	Methomyl
				128	Methoprotryne
				129	Methoxyfenozide
				130	Metobromuron
				131	Metribuzin

