

# HPLC Application

ID No.: 20924

## Screening >350 Pesticides from Food & Feed According to Regulation (EC) No. 396/2005

**Column:** Synergi™ 2.5 µm Fusion-RP 100 Å, LC Column 50 x 2 mm, Ea

**Dimensions:** 50 x 2 mm ID

**Order No:** 00B-4423-B0

**Elution Type:** Gradient

**Eluent A:** Water/Methanol 90:10 with 5 mM Ammonium formate

**Eluent B:** Methanol/Water 90:10 with 5 mM Ammonium formate

Gradient Profile:	Step No.	Time (min)	Pct A	Pct B
	1	0	100	0
	2	1	100	0
	3	15	0	100
	4	18	0	100
	5	18.05	100	0
	6	20	100	0



**Flow Rate:** 400 µL/min

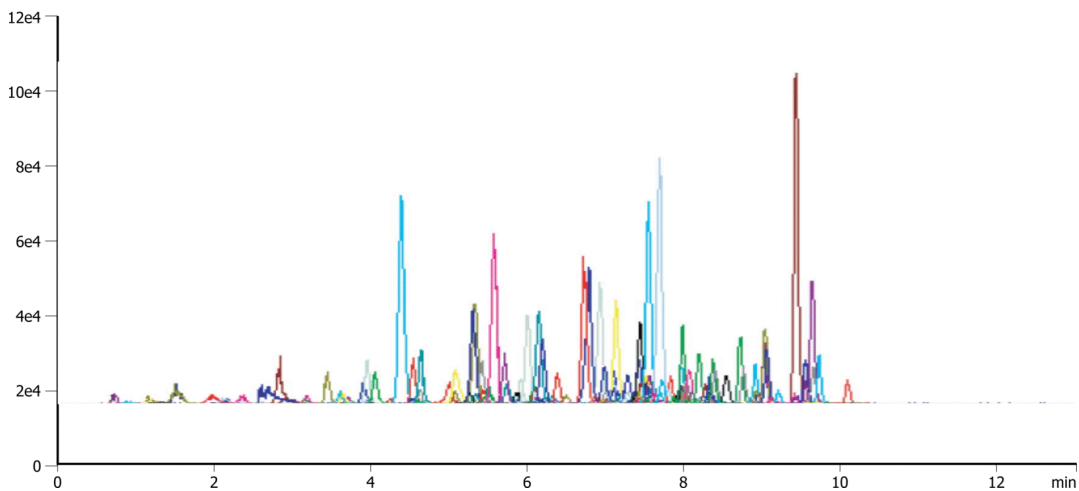
**Col. Temp.:** 40 °C

**Detection:** Tandem Mass Spec (MS-MS) @ (400 °C)

**Detector Info:**

20924

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



## Screening >350 Pesticides from Food & Feed According to Regulation (EC) No. 396/2005

### ANALYTES:

1 Aminopyralid	41 Metamitron	81 Tribenuron-methyl
2 Amitrole	42 Phorate oxon sulfoxide	82 Halosulfuron-methyl
3 Daminozide	43 Imazosulfuron	83 Iodosulfuron-methyl
4 Prohexadione	44 Imidacloprid	84 Desmethyl-pirimicarb
5 Clopyralid	45 1-Naphthylacetic acid	85 Fipronil
6 Clopyralid	46 Methiocarb-sulfone	86 Paraoxon-methyl
7 Methamidophos	47 Methiocarb-sulfoxide	87 Carbetamide
8 Acephate	48 Azimsulfuron	88 Flupyrsulfuron-methyl
9 Mesotrione	49 Chlorsulfuron	89 Thiabendazole
10 Omethoate	50 Dimethoate	90 Mesosulfuron-methyl
11 Sulcotrione	51 Chloridazon	91 Monuron
12 Quinmerac	52 Chloridazon	92 Metribuzin
13 Imazamox	53 3-Hydroxycarbofuran	93 Oxadixyl
14 Methomyl	54 Acetamiprid	94 Fuberidazole
15 Oxamyl	55 Chlorthiamid	95 Fuberidazole
16 Dicamba	56 Bromoxynil	96 Iprodione
17 Fluroxypyr	57 2,4-D	97 Penoxsulam
18 Phosmet-oxon	58 Cymoxanil	98 Carbofuran
19 Flonicamid	59 Fenoxaprop	99 Dichlorvos
20 Oxydemeton-methyl	60 MCPA	100 Phosphamidon
21 Propoxycarbazone	61 Flazasulfuron	101 TEPP
22 Demeton-S-methyl sulfone	62 Oxasulfuron	102 2,4-DB
23 Thiamethoxam	63 Propoxycarbazone	103 propoxur
24 Dazomet	64 Carbendazim	104 Tritosulfuron
25 Formetanate	65 Pyroxsulam	105 Dinoseb
26 Amidosulfuron	66 Tepraloxydim	106 Dinoterb
27 Disulfotone-sulfoxide	67 Azadirachtin	107 MCPB
28 Disulfotone-sulfone	68 Sulfosulfuron	108 Metosulam
29 Bentazone	69 Triclopyr	109 Alachlor
30 Bentazone	70 2,4,5-T	110 Ethalfuralin
31 Pymetrozine	71 Phorate sulfone	111 Ethoxysulfuron
32 Imazaquin	72 Thiachloprid	112 Valifenalate
33 Propamocarb	73 Foramsulfuron	113 Carboxin
34 Metsulfuron-methyl	74 Ioxynil	114 Ethoxyquin
35 Metsulfuron-methyl	75 Mevinphos	115 Prosulfuron
36 Rimsulfuron	76 Phorate oxon	116 Carbaryl
37 Thifensulfuron-methyl	77 Dichlorprop	117 Malaoxon
38 Trichlorfon	78 MCPP	118 Flufenoxuron
39 Clothianidin	79 Phorate sulfoxide	119 Monolinuron
40 Metamitron	80 Tricyclazole	120 Chromafenozide
		121 Fluazifop
		122 Fluopicolide
		123 Milbemectin A3
		124 Avermectin B1b
		125 Chlorotoluron
		126 Fluometuron
		127 Phorate sulfoxide
		128 Pirimicarb
		129 Propham
		130 Atrazine
		131 Avermectin B1a

