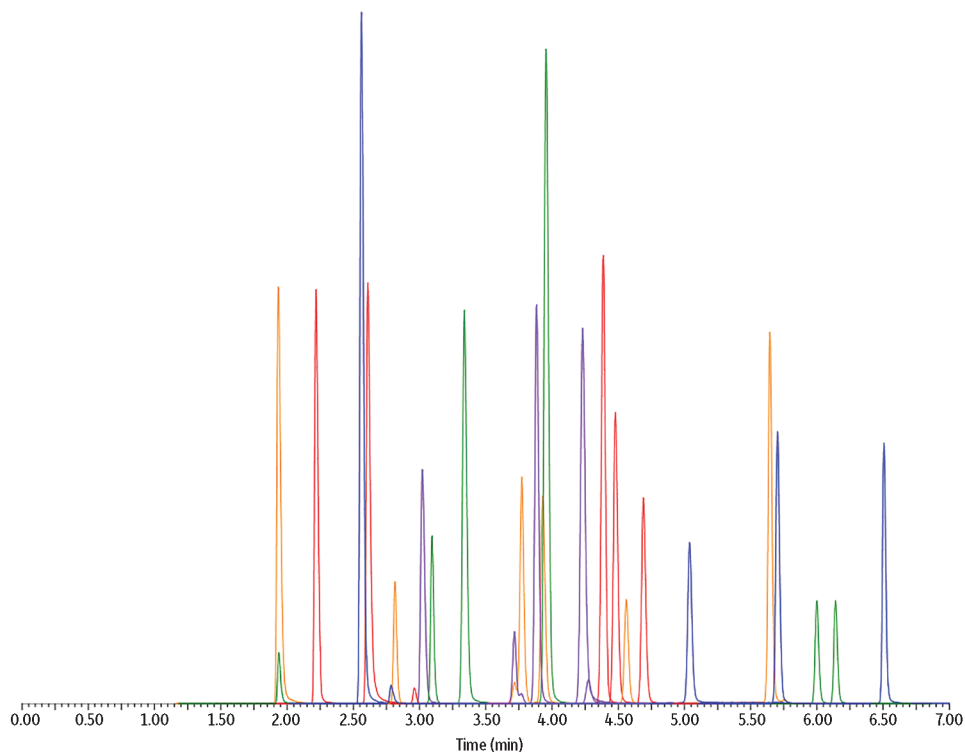


LC Multi-Residue Pesticide Standard #5 on Raptor™ ARC-18 by LC-MS/MS

Peaks	tR (min)	Precursor Ion	Product Ion 1	Product Ion 2	Peaks	tR (min)	Precursor Ion	Product Ion 1	Product Ion 2
1. Thiamethoxam	1.93	292.0	211.0	181.0	18. Thiofanox	4.22	219.1	172.9	129.0
2. Thiabendazole	1.94	202.0	175.0	131.0	19. Bupirimate	4.23	317.0	166.0	108.0
3. Clothianidin	2.22	250.0	169.0	132.0	20. Clethodim isomer 1	4.28	360.0	164.0	268.1
4. Thiacloprid	2.56	253.0	126.0	90.1	21. Mefenacet	4.39	299.0	148.0	120.0
5. Mesotrione	2.61	340.1	228.1	104.0	22. Flufenacet	4.48	364.0	152.1	194.1
6. Tricyclazole	2.79	190.0	163.0	136.0	23. Cyazofamid	4.56	325.0	107.9	261.0
7. Simetryn	2.81	214.0	124.0	95.9	24. Fipronil	4.69	437.0	367.9	290.0
8. Metribuzin	2.96	215.0	131.0	89.0	25. Flubendiamide	4.88	683.0	408.0	274.0
9. Sulfentrazone	3.02	387.0	307.0	145.8	26. Prothioconazole	5.04	344.0	326.0	189.0
10. Carboxin	3.10	236.0	143.0	87.0	27. Clethodim isomer 2	5.64	360.0	164.0	268.1
11. Methoprottryne	3.34	272.2	170.2	198.2	28. Buprofezin	5.71	306.1	201.0	57.4
12. Prometryn	3.72	242.0	158.0	200.1	29. Hexythiazox	6.00	353.0	228.1	168.1
13. Terbutryn	3.77	242.1	186.1	91.0	30. Propargite	6.14	368.2	175.0	231.1
14. Ethofumesate	3.88	287.1	121.1	259.1	31. Pyridaben	6.51	365.1	147.1	309.1
15. Ethiprole	3.93	396.9	350.9	255.2					
16. Fenamidone	3.96	312.1	236.1	92.0					
17. Acibenzolar-S-methyl	4.04	210.9	91.0	135.9					

Isomers are numbered sequentially based on elution order.



LC_FF0548

Column Raptor™ ARC-18 (cat.# 9314A12)
Dimensions: 100 mm x 2.1 mm ID
Particle Size: 2.7 µm
Temp.: 50 °C
Sample LC multi-residue pesticide standard #5 (cat.# 31976)
Diluent: Water
Conc.: 20 ng/mL
Inj. Vol.: 5 µL
Mobile Phase
A: Water + 2 mM ammonium formate + 0.2% formic acid
B: Methanol + 2 mM ammonium formate + 0.2% formic acid

Time (min)	Flow (mL/min)	%A	%B
0.00	0.4	95	5
2.00	0.4	40	60
4.00	0.4	25	75
6.00	0.4	0	100
7.00	0.4	0	100
7.01	0.4	95	5
9.50	0.4	95	5

Detector Waters Xevo TQ-S
Ion Source: Waters Zspray™ ESI
Ion Mode: ESI+
Mode: MRM
Instrument Waters
Notes Autosampler Temp. = 5 °C