1	Supporting Information
2	Synthesis of 3D Magnetic Porous Carbon Derived from Metal–
3	Organic Framework for Extraction of Clenbuterol and
4	Ractopamine in Mutton Samples
5	
6	Xinyang Zhang, Jianan Wen, Lili Lian [*] , Xianhong Ma, Xiyue Wang, Dawei Lou [*]
7	Department of Analytical Chemistry, Jilin Institute of Chemical Technology, No. 45 Chengde
8	Street, Jilin 132022, PR China
9	
10	Corresponding Author
11	*Lili Lian. Email address: lililian@jlict.edu.cn (L.L. Lian). Fax/Tel: 86-432-63083163.
12	*Dawei Lou. Email address: dwlou@hotmail.com (D.W. Lou). Fax/Tel: 86-432-63083163.
13	
14	
15	
16	
17	
18	

19 Qualitative and quantitative analysis.

The concentration of analytes was determination by using UPLC (H–Class, Waters, U.S.A.) and time-of-flight mass spectrometry. Chromatographic separation was performed on BEH C18 analytical column (50 mm × 2.1 mm i.d., 1.7 μ m particle) (Waters, USA) at a flow rate of 0.30 mL/min. The mobile phase was consisted of 0.1% formic acid in acetonitrile (A1) and acetonitrile (B1) at the ratio of 8:2. The column temperature was 30°C. Sample injection volume is 10 μ L.

TOF–MS analysis was performed under positive ion conditions (RAC ion: m/z=277.07, and CLB ion: m/z=302.16). The source temperature was 100°C, the cone gas flow rate at 100 L/h. The collision gas flow was set to 0.15 mL/min of argon.

- 29
- 30
- 31
- 32
- 33
- 34

35

- 20
- 36
- 37





63





75



88 Table S1 Langmuir and Freundlich isotherm parameters for RAC and CLB adsorption onto



Adsorbents	Analytes .	Langmuir			Freundlich		
Types		$q_{max} \left(mg/g \right)$	b (1/min)	R ²	$K_{f}(L/mg)$	n	R ²
MPCK	RAC	62.50	3.03	0.9046	39.46	7.30	0.8610
	CLB	123.45	0.85	0.9488	81.45	10.57	0.7679

	MPC	RAC	20.79	0.44	0.9986	7.933	3.14	0.9484
		CLB	15.01	5.76	0.9124	2.856	1.96	0.9643
90								
91								
92								
93								
94								
95								
96								
97								
98								
99								
100								
101								

102 **Table S2** Results of the analysis of RAC and CLB in mutton samples.

Added		RAC	RAC			
$(\mu g/L)$	Recovery (%)	Detected (µg/L)	RSD (%)	Recovery (%)	Detected (µg/L)	RSD (%)
0.0		ND			ND	
0.1	95.64	0.10	7.64	100.93	0.10	5.59
5	101.86	5.39	8.87	111.77	5.59	7.67
30	108.03	32.41	5.54	114.65	34.40	4.48

 $10\overline{3}$