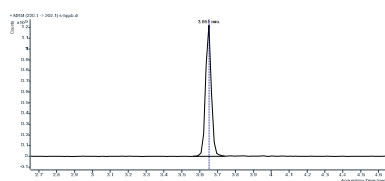
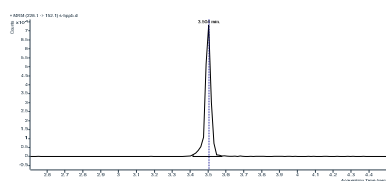


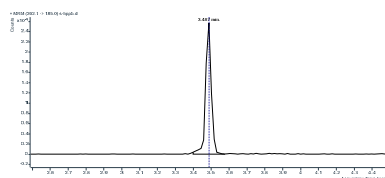
## Supplementary material



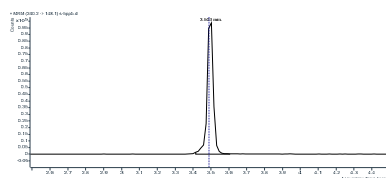
Cimaterol



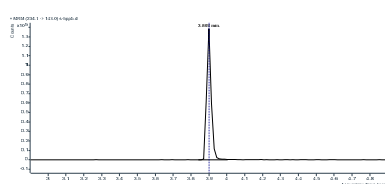
Terbutaline



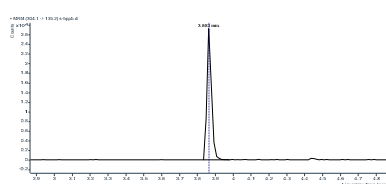
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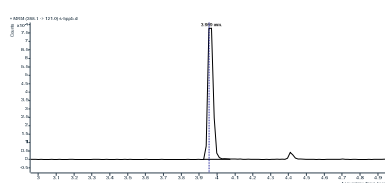
Salbutamol



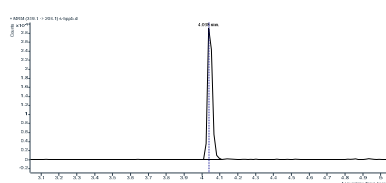
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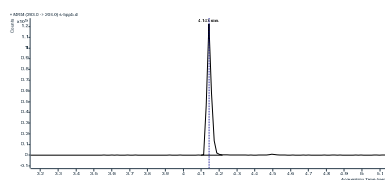
Fenoterol



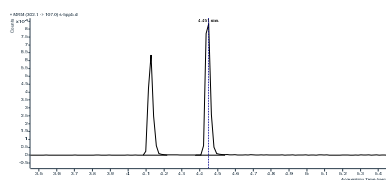
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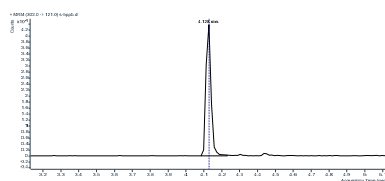
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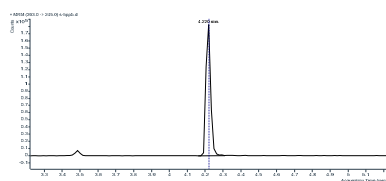
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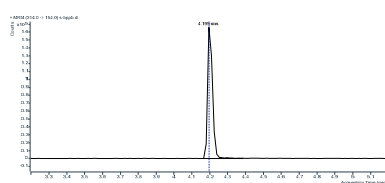
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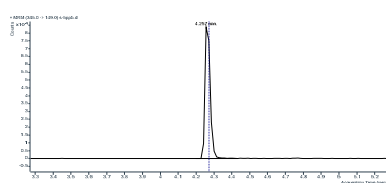
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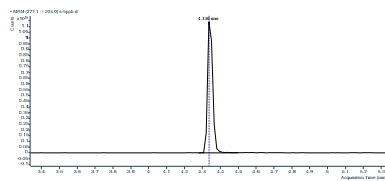
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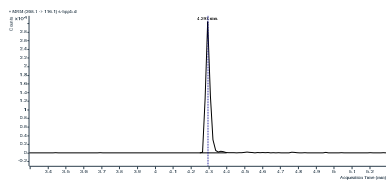
Clorprenaline



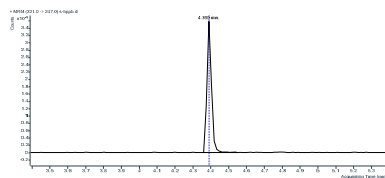
Formoterol



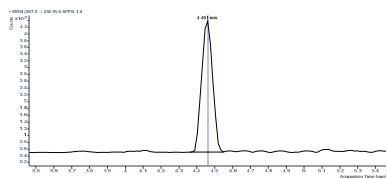
Clenbuterol



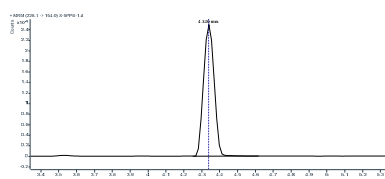
Metoprolol Tartrate



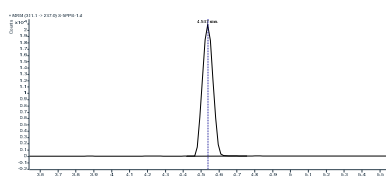
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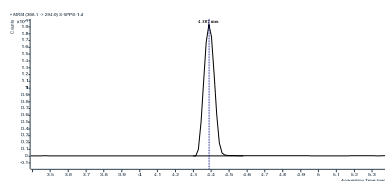
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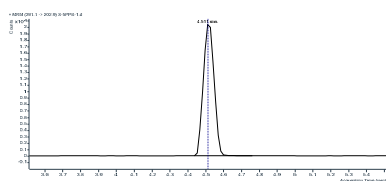
Tulobuterol



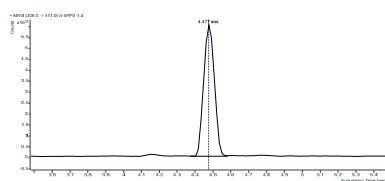
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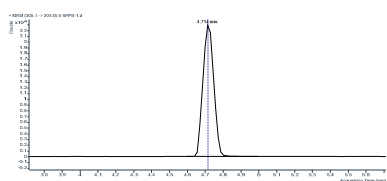
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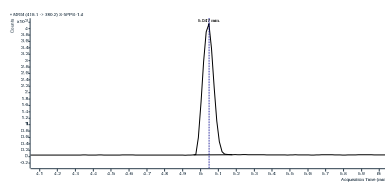
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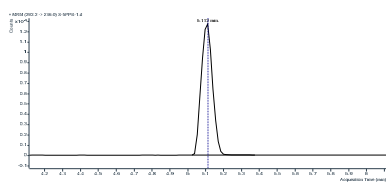
Labetalol



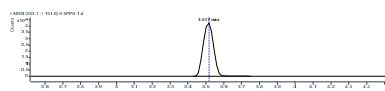
Clenhexerol



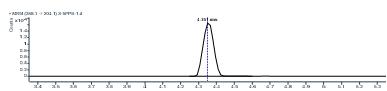
Salmeterol



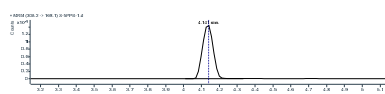
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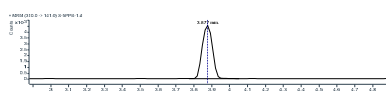
Salbutamol-d3



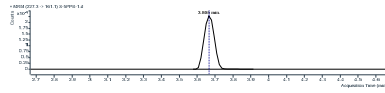
Clenbuterol-d9



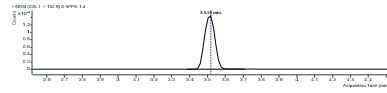
Ractopamine-d6



Fenoterol-d6

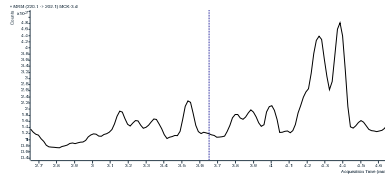


Cimaterol-d7

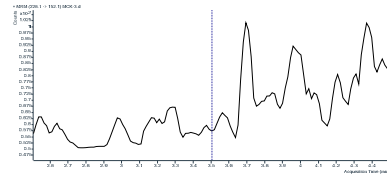


Terbutaline-d9

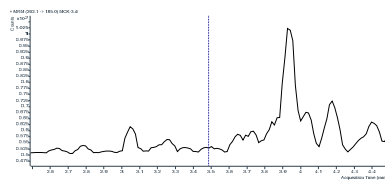
Figure S1 Extracted ion chromatogram (EIC) of 26 beta-agonists and ISs. Concentration levels: 5 µg/L of 26 beta-agonists and ISs



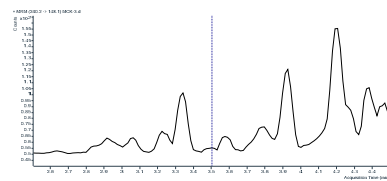
Cimaterol



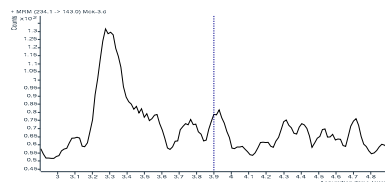
Terbutaline



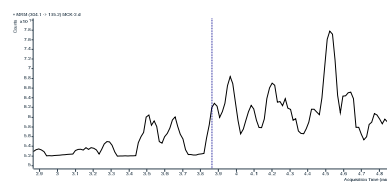
Zilpatanol



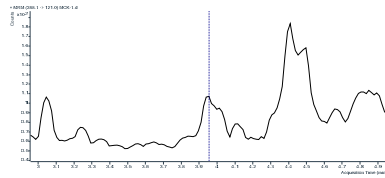
Salbutamol



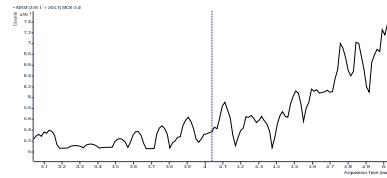
Cimbuterol



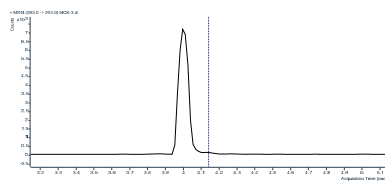
Fenoterol



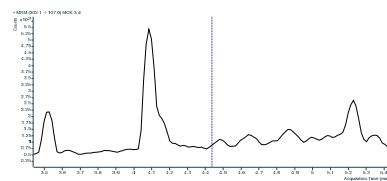
Ritodrine



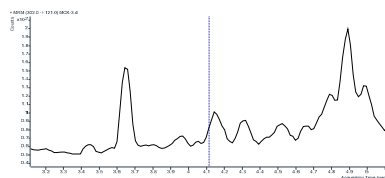
Clencyclohexerol



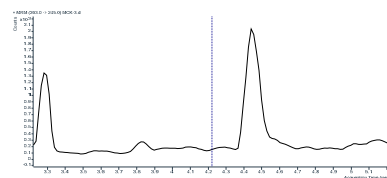
Clenbuterolhydroxymethyl



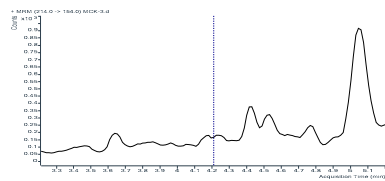
Isoxsuprine



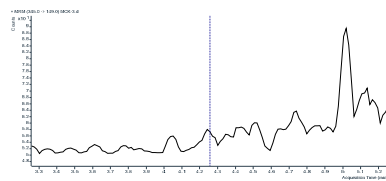
Ractopamine



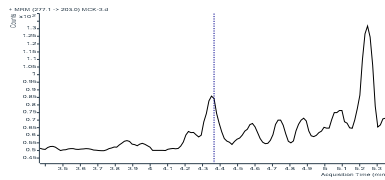
Clenproperol



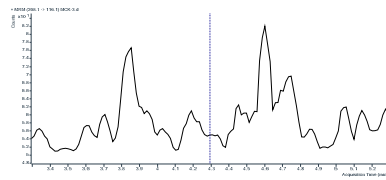
Clorprenaline



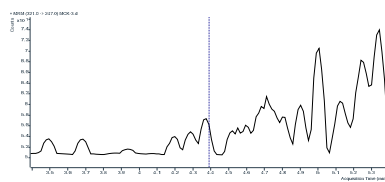
Formoterol



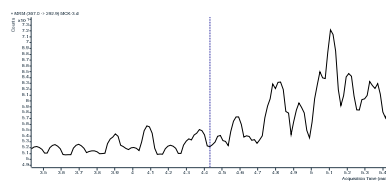
Clenbuterol



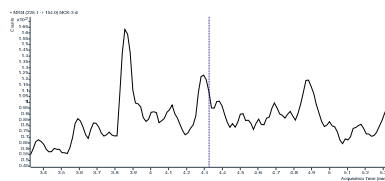
Metoprolol Tartrate



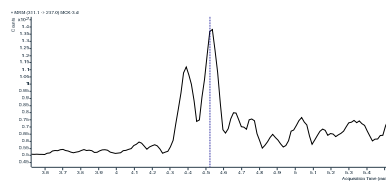
Bromchlorbuterol



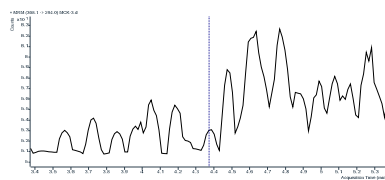
Bromobuterol



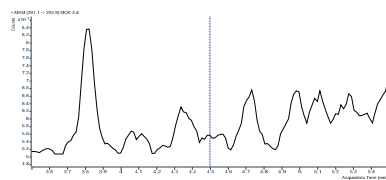
Tulobuterol



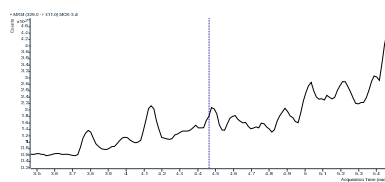
Mabuterol



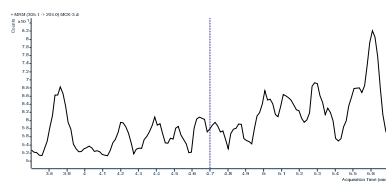
Bambuterol



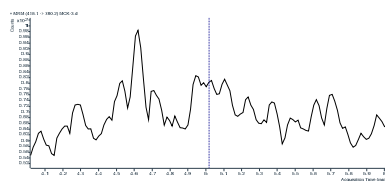
Clenpenterol



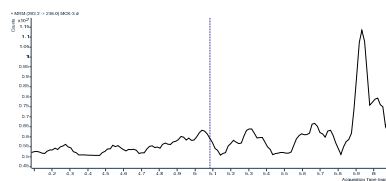
Labetalol



Clenhexerol



Salmeterol



penbutolol

Figure S2 Chromatograms of 20 blank samples derived from different origins

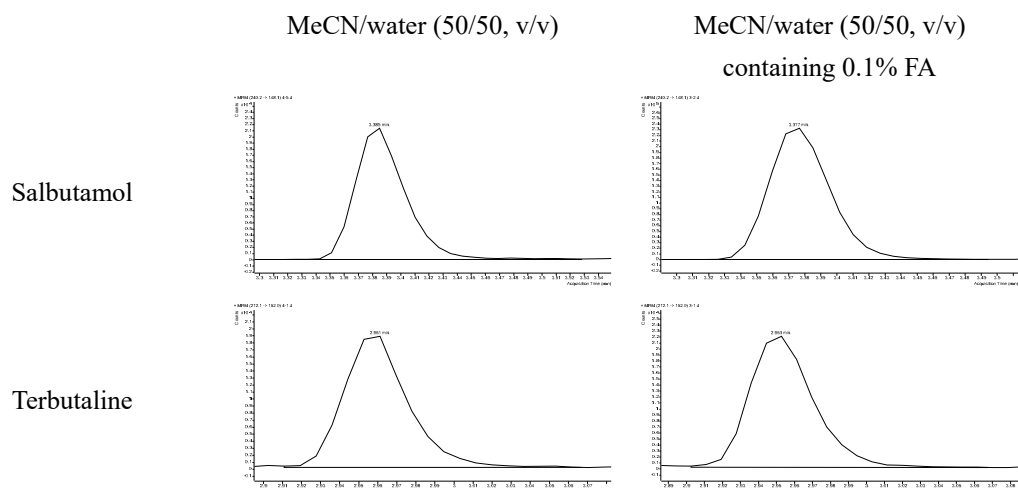


Figure S3 Chromatograms of Salbutamol and Terbutaline extract from swine samples by using different redissolved solvent.

Table S1. Ion ratios of two transition products in solvent standard and fortified matrix for 26 beta-agonists.

Analyte	ion ratios in standards (%)	ion ratios in pork-based samples (%)	Relative Deviation (%)
Cimaterol	44.8	43.9	0.9
Terbutaline	31.3	31.4	-0.1
Zilpaterol	55.4	57.4	-2.0
Salbutamol	30.3	31.1	-0.8
Cimbuterol	38.1	37.6	0.5
Fenoterol	3.8	4.1	-0.3
Ritodrine	60.2	60.2	0.0
Clencyclohexerol	50.0	49.7	0.3
Clenbuterolhydroxymethyl	91.5	93.2	-1.7
Isoxsuprine	42.9	44.1	-1.2
Ractopamine	88.7	91.5	-2.8
Clenproperol	25.7	25.6	0.1
Clorprenaline	31.2	30.9	0.3
Formoterol	19.6	20.3	-0.7
Clenbuterol	42.5	42.9	-0.4
Metoprolol Tartrate	45.7	42.8	2.9
Bromchlorbuterol	12.5	13.1	-0.6
Bromobuterol	35.0	35.3	-0.3
Tulobuterol	8.3	8.3	0.0
Mabuterol	37.5	36.6	0.9
Bambuterol	9.3	9.3	0.0
Clenpenterol	18.4	17.7	0.7
Labetalol	20.0	20.2	-0.2
Clenhexerol	34.5	34.9	-0.4
Salmeterol	95.1	96.0	-0.9
penbutolol	27.5	27.3	0.2