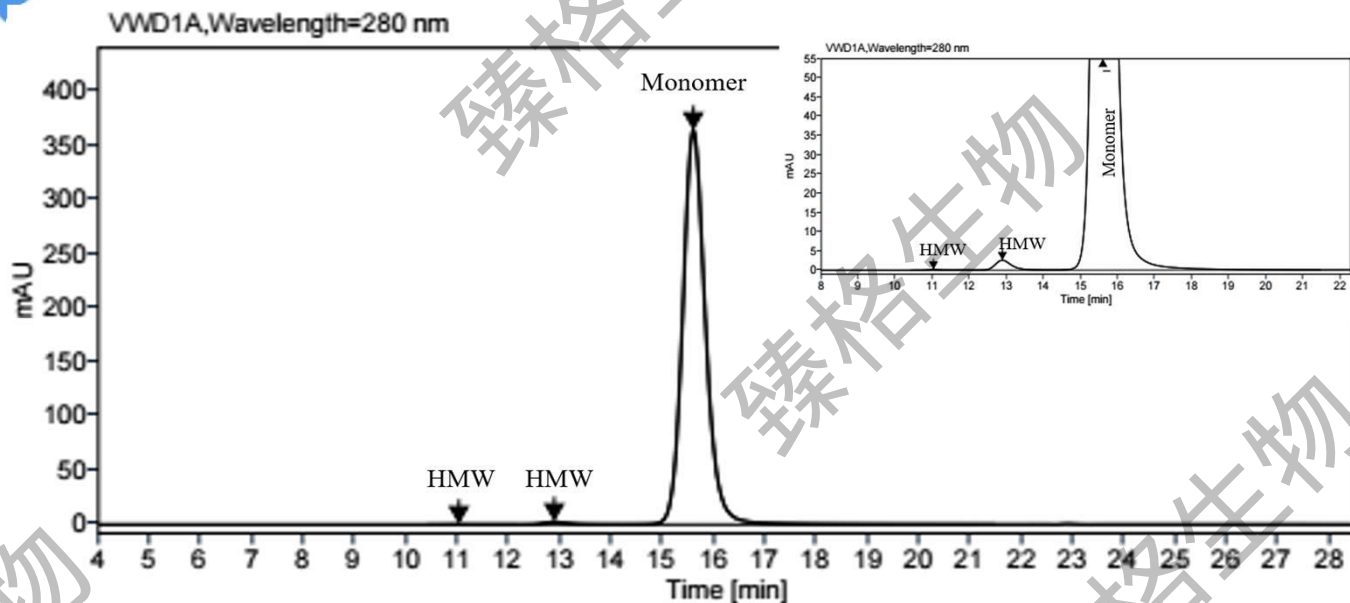


理化分析案例分享

CONFIDENTIAL

SEC-HPLC



SEC-HPLC Condition

Column: TSKgel G3000SW_xL 7.8mm*30cm

MP : A: 50 mM NaH₂PO₄·2H₂O,

B: 300 mM NaCl, pH 7.0

Column Temp: 25 °C

Injection volume: 60 µg

Flow rate: 0.5 ml/min

Instrument: Agilent 1260

Detector: 280 nm

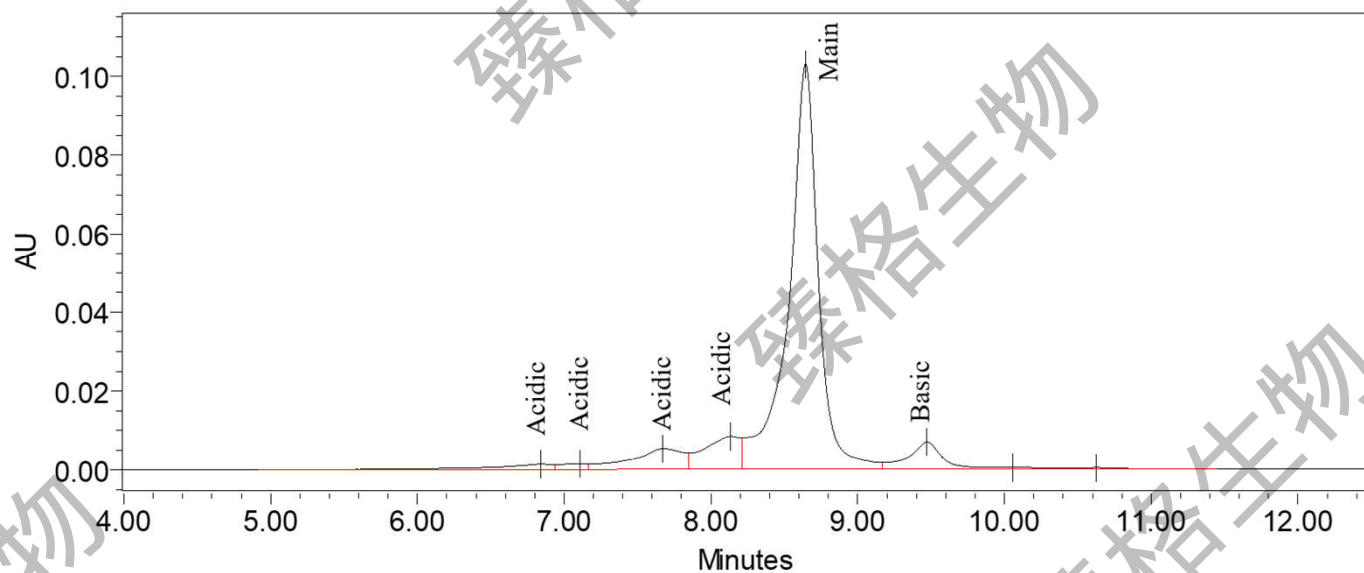
Gradient:

	样品编号	HMW%	Monomer%	LMW%
含量百分比	ZGQC-RS001	0.8	99.2	0.0

Time (min)	A%
0.00	100.0
35.0	100.0

CONFIDENTIAL

CEX-HPLC



CEX-HPLC Condition

Column: Propac™ WCX-10

MP: A: 50mM NaH₂PO₄·2H₂O, pH 6.0

B: 50mM NaH₂PO₄·2H₂O, 300mM NaCl, pH 6.0

Column Temp: 35 °C

Detector: 280 nm

Injection volume: 20 µg

Flow rate: 1.0 ml/min

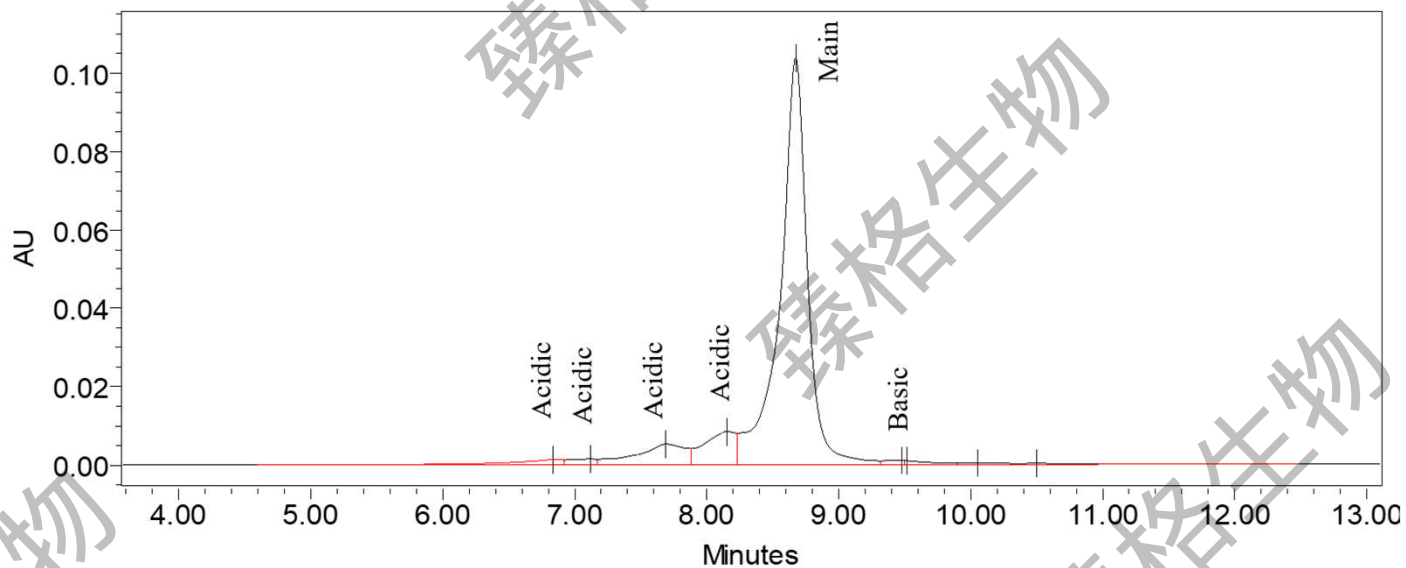
Gradient:

Time (min)	A%	B%
0.00	90.0	10.0
15.00	65.0	35.0
15.01	0.0	100.0
17.00	0.0	100.0
17.01	90.0	10.0
20.00	90.0	10.0

	样品编号	Acidic%	MP%	Basic%
含量百分比	ZGQC-RS001	17.2	76.1	6.7

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CEX-CpB-HPLC



CEX-HPLC Condition

Column: Propac™ WCX-10

MP: A: 50mM NaH₂PO₄·2H₂O, pH 6.0

B: 50mM NaH₂PO₄·2H₂O, 300mM NaCl, pH 6.0

Column Temp: 35 °C

Detector: 280 nm

Injection volume: 20 µg

Flow rate: 1.0 ml/min

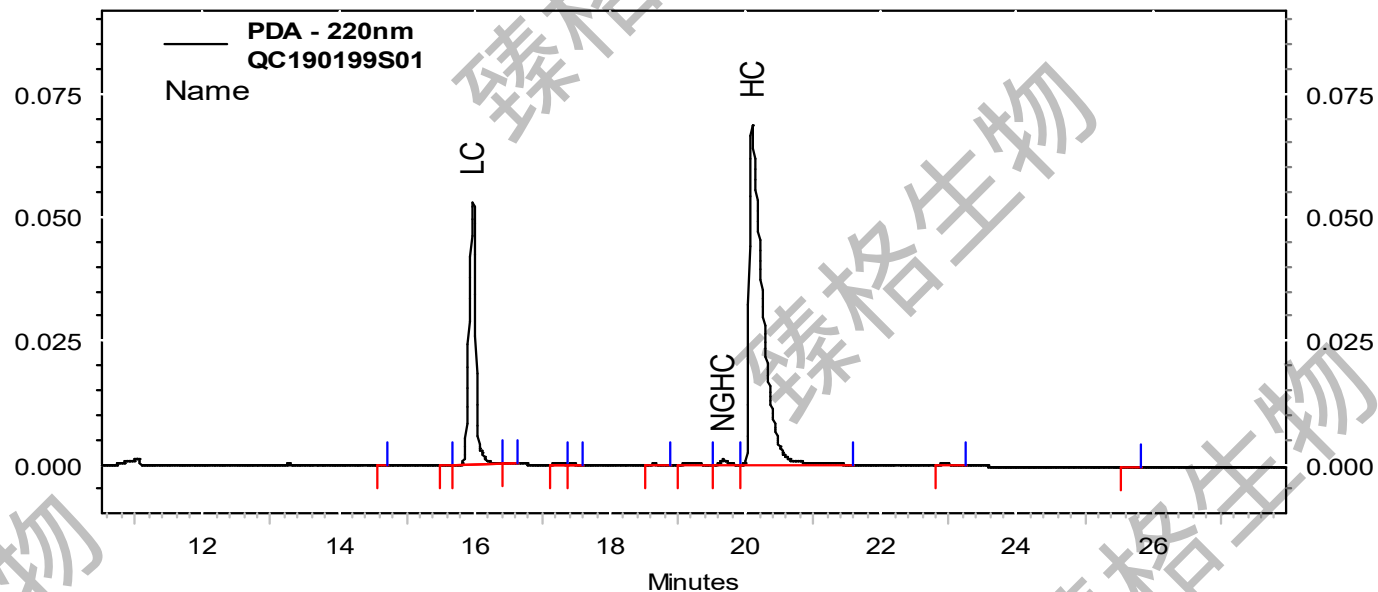
Gradient:

Time (min)	A%	B%
0.00	90.0	10.0
15.00	65.0	35.0
15.01	0.0	100.0
17.00	0.0	100.0
17.01	90.0	10.0
20.00	90.0	10.0

	样品编号	Acidic%	MP%	Basic%
含量百分比	ZGQC-RS001	18.0	79.7	2.3

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Reduced-CE-SDS



R-CE Condition

Column: Uncoated Capillary, 50 μ m \times 67cm

Column Temp: 25 $^{\circ}$ C

Detector: 220 nm

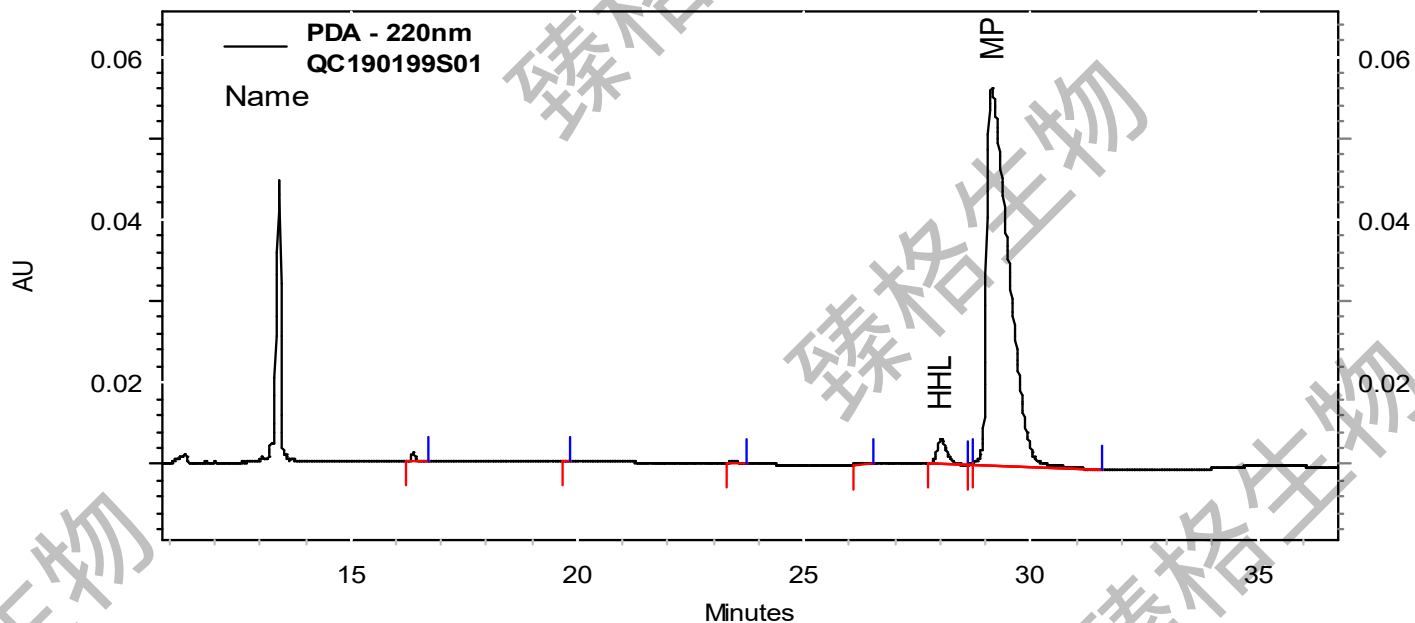
Injection volume: 5Kv 20s

Instrument: PA800 Plus

	样品编号	LC%	NGHC%	HC%	Others%
含量百分比	ZGQC-RS001	32.6	0.5	66.0	1.0

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Non Reduced-CE-SDS



NR-CE Condition

Column: Uncoated Capillary, 50 μ m \times 67cm

Column Temp: 25 $^{\circ}$ C

Detector: 220 nm

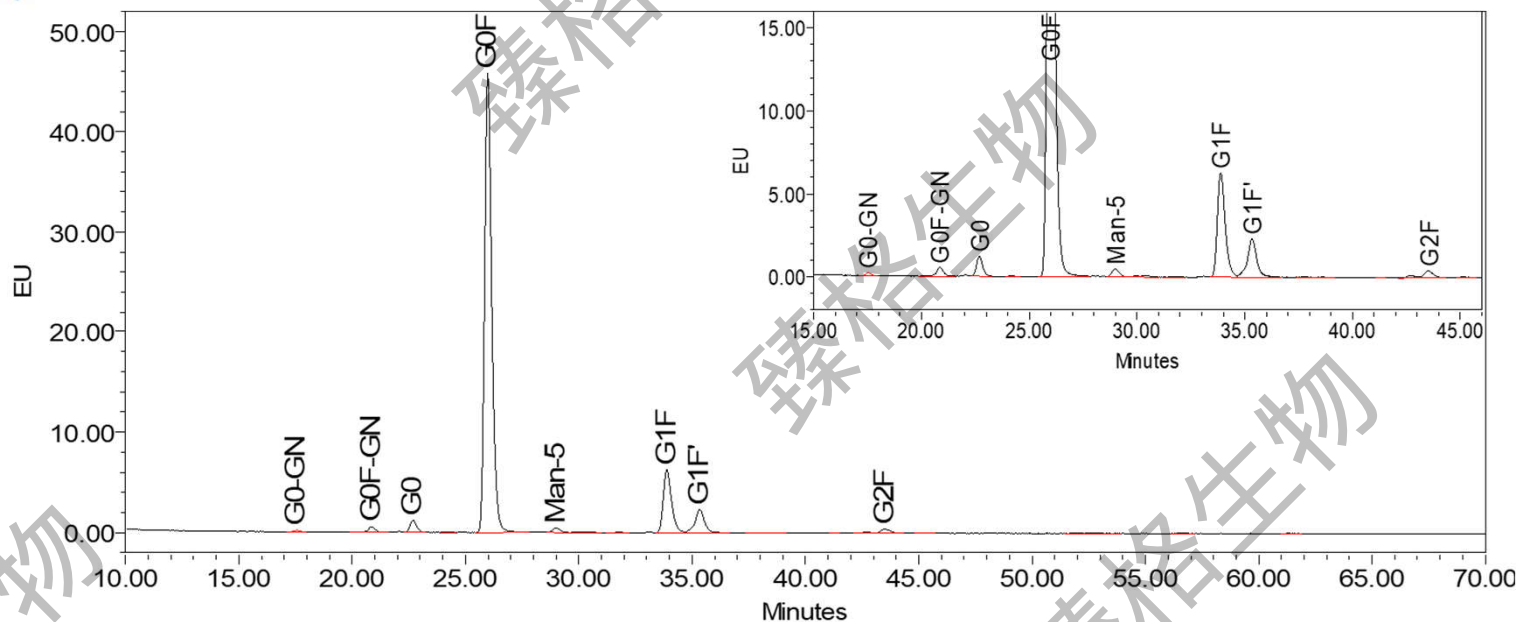
Injection volume: 5Kv 20s

Instrument: PA800 Plus

	样品编号	HHL%	MP%	Others%
含量百分比	ZGQC-RS001	2.9	96.0	1.1

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N-Glycan-Rapid Fluor-UPLC



N-Glycan Condition

Column: ACQUITY UPLC Glycan BEH Amide

MP: A: 50 mmol/L CH₂O₂, pH 4.5

B: 100% ACN

Flow rate: 0.4 ml/min,

Detector: λ_{em}=425nm, λ_{ex}=265nm ;

injection volume: 10μl;

Colueme Temp: 60°C

Gradient:

Time (min)	A%	B%
3.00	25.0	75.0
83.0	37.0	63.0
88.0	60.0	40.0
95.0	25.0	75.0

样品编号	G0-GN%	G0F-GN%	G0%	G0F%	Man-5 %	G1F%	G1F' %	G2F%	Others %
ZGQC-RS001	0.3	1.0	1.8	75.7	0.8	11.9	5.3	1.0	2.2

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