

2015

HPLC COLUMNS

APPLICATION DATA



welch
月旭科技

Welch Materials, Inc.

Introduction



Quality, Innovation Competitive Price

Company Profile

Welch Materials develops and manufactures chromatography consumables including HPLC columns, solid phase extraction (SPE) columns, GC columns, QueChERS, flash columns, sample vials, syringe filters, and chromatographic bulk media. HPLC instruments and SPE automation equipments are also in the product lines of Welch.

Welch Materials was established in 2003 in both Maryland, USA and Shanghai, China. Our initial strength was our extensive experience on particle surface modification science and techniques. We are experts on bonding chemistry and innovative packing materials for chromatography applications. Through the optimal utilization of our resources across the two countries, we have developed many innovative LC and GC consumable products, in particular, our HPLC columns and SPE products.

A new facility located in Zhejiang province, China will be put in use soon as the headquarter and manufacturing site of Welch Materials.



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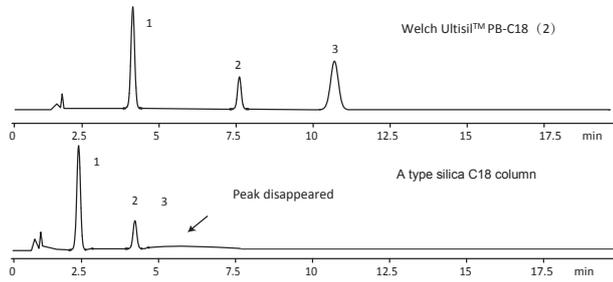
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1.1 Ultisil™ series

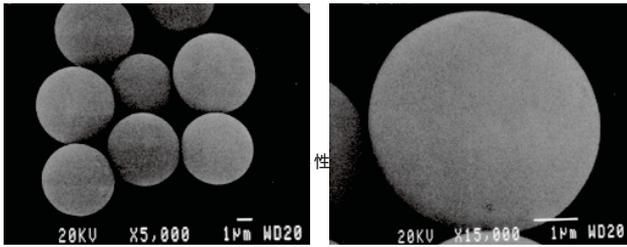
• Ultra pure spherical and totally porous silica

1) purity>99.999%, content of Al、Fe、Ti、Zr all less than 10ppm:

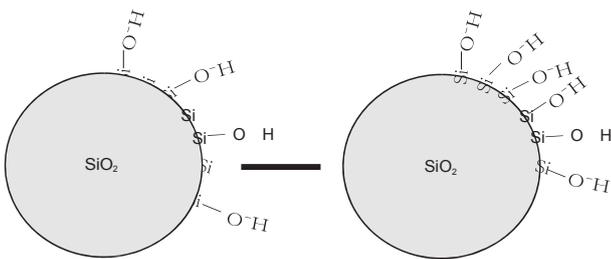


Column: 4.6×150mm, 5 μm
 Mobile Phase: methanol/20mM Na₂HPO₄, pH7.6=45/55
 Wavelength: 215 nm
 Temp.: 25℃
 Flow Rate: 1.0 ml/min
 Injection Volume: 1μl
 Sample: 1) 4,4' - dipyridyl
 2) 2,2' - dipyridyl
 3) 1,2 - dihydroxy naphthlene

2) Uniformity of particle sizes and smoothness of particle surface:



• Special surface treatment technology
 make sure theirtness and uniformity of silica surface



• Special bonding and endcapping technique

- 1) Special bonding technique, high bonding phase coverage
- 2) Special totally double endcapped technique, almost eliminate the influence of residual hydroxyl, good for the separation of basic and strong polar compounds
- 3) great batch to batch reproducibility

• Materials Characteristics

Bonding Phase	PB-C18 (2)	PB-LP -C18	PB-C18(3)	XB-C8	XB-Phenyl	XB-CN	XB-NH ₂	SiO ₂
Particle Size	3, 5, 10	3, 5, 10	3, 5, 10	3, 5, 10	3, 5, 10	3, 5, 10	3, 5, 10	3, 5, 10
Pore Size	120/300	120/300	120	120	120/300	120	120	120/300
Surface Area m ² /g	320	320	320	320	320	320	320	320
C%	17%/8%	10%/5%	12%	12%	13%/6%	7%	6%	0
Endcapped	Yes	No	Yes	Yes	Yes	Yes	No	No
pH Range	1.5-10.0	1.0-8.0	1.5-10.0	1.5-10.0	1.5-10.0	1.5-9.0	/	/
Dimension	2.1×50、100、150mm ; 4.6×50、150、200、250mm ; 10×150、250mm ; 21.2×150、250mm ; 30×250mm ; 50×250mm ;							

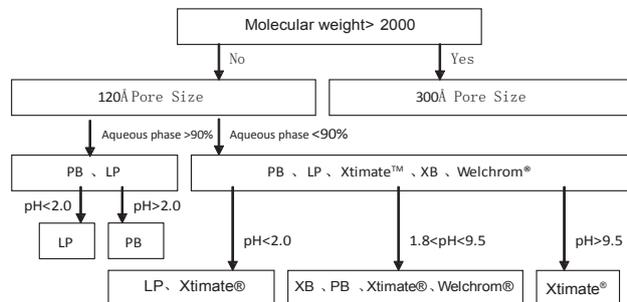
1.2 Welchrom® series

Bonding Phase	Welchrom® C18	Welchrom® C8
Particle Phase (μm)	5	5
Pore Size (Å)	120	120
Surface Area m ² /g	320	320
C%	17%	12%
Endcapped	Yes	Yes
pH Range	1.5-10.0	1.5-10.0
Dimension	4.6×150、250mm	

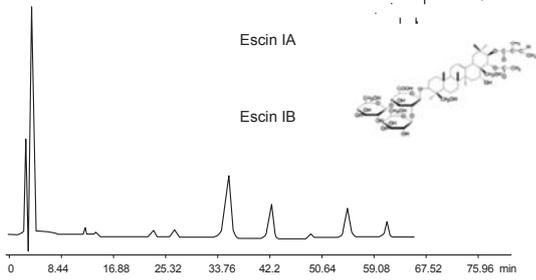
1.3 Xtimate® series

Bonding Phase	Xtimate® C18	Xtimate® C8
Particle Phase (μm)	3 ,5 ,10	3 ,5 ,10
Pore Size (Å)	120	120
Surface Area m ² /g	320	320
C%	14%	10%
Endcapped	Yes	Yes
pH Range	1.0-12.5	1.0-12.5
Dimension	Same with Ultisil	

Selectivity Chart

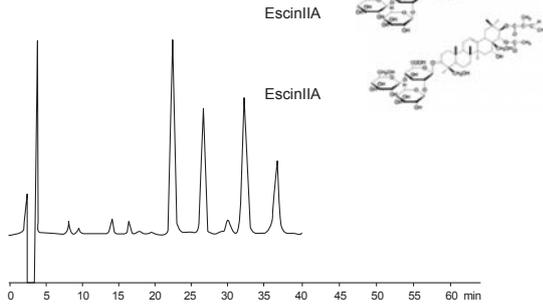


Escin IA , Escin IB,
EscinIIA and EscinIIB



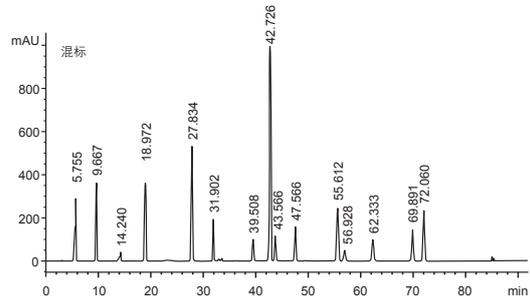
Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Wavelength: 220nm
 Mobile Phase: acetonitrile/0.1%TFA = 38/62
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume:20µl

Escin IA , Escin IB,
EscinIIA and EscinIIB



Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 220nm
 Mobile Phase: acetonitrile/0.1%TFA = 38/62
 Temperature: Ambient 30°C
 Flow Rate: 1.0ml/min
 Injection Volume:20µl

15 Chinese Medicines Mixed Reference Solution



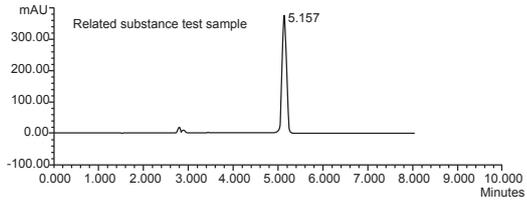
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
5.755	4974.51953	289.68304	3.84	0.2528	2869	-	-
9.667	5567.54004	362.52444	1.69	0.2510	8219	9.12	1.68
14.240	769.17645	40.34509	3.21	0.2787	14464	10.15	1.47
18.972	6334.94922	361.84818	1.10	0.2759	26197	10.03	1.33
27.834	8490.63867	534.34375	1.00	0.2451	71471	19.99	1.47
31.902	2493.86133	197.01659	1.03	0.1954	147685	10.85	1.15
39.508	1771.28601	100.77750	0.96	0.2665	121768	19.35	1.24
42.726	1.70743e4	995.05951	0.98	0.2640	145073	7.13	1.08
43.720	2217.62549	115.51820	0.88	0.2918	124355	2.10	1.02
47.566	3217.21094	160.23500	1.03	0.3088	131486	7.52	1.09
55.612	5815.76563	245.12340	0.99	0.3649	128709	14.04	1.17
56.928	1150.76245	46.66550	0.96	0.3763	126797	2.09	1.02
62.333	2526.46997	97.98570	0.99	0.3894	141959	8.29	1.09
69.891	3183.19824	146.12453	0.94	0.3343	242081	12.27	1.12
72.060	4632.09277	231.02707	0.98	0.3087	301805	3.96	1.03

Column: Welch Xtimate® C18, 5µm, 4.6×250mm
 Wavelength: 285nm
 Mobile Phase: A: 5% formic acid water solution B: methanol
 Gradient Program:

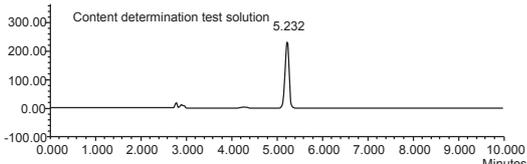
Time (min)	B(%)
0	2
6	8
10	15
20	17
30	32
60	42
70	50
85	100
86	2
90	2

Temperature: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume:10µl

Chuanbei Pipa Syrup



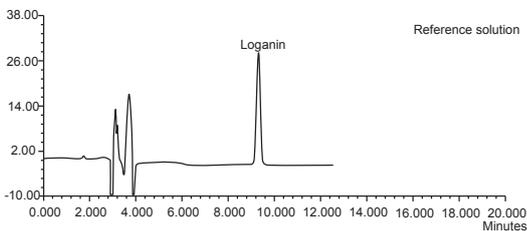
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width	R	Plates	Tailing Factor
1	5.157	37406	239946.7	100.000	6.03	0.00	14577	1.00



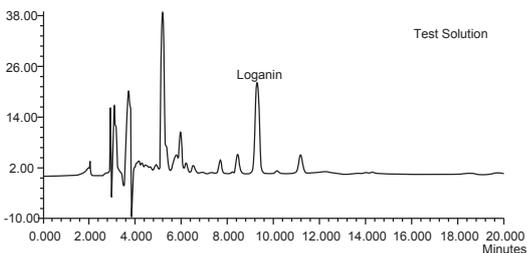
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width	R	Plates	Tailing Factor
1	5.232	23272	152597.8	100.000	6.16	0.00	14358	1.02

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Wavelength: 215nm
 Mobile Phase: 6.8g KH₂PO₄, 0.5g Sodium pentanesulfonate, add water to 1000mL, adjust pH to 2.5 with H₃PO₄
 Temp.: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Cornus Officinalis



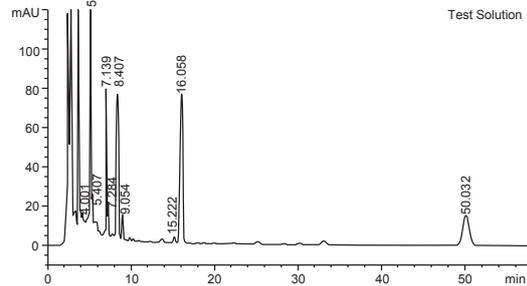
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	R	Plates	Tailing Factor
1	Loganin	9.303	2.99	32.798	100.000	0.00	16214	0.99



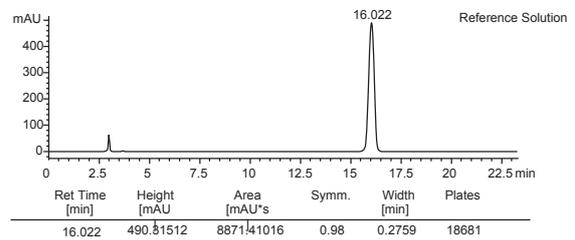
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	R	Plates	Tailing Factor
1	Loganin	9.287	21.52	241.522	100.000	0.00	15439	1.00

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 240nm
 Mobile Phase: acetonitrile/water=15/85
 Temp.: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Liuwei Dihuang Wan Capsule (Capsule of Pill of Six Ingredients with Rehmannia)



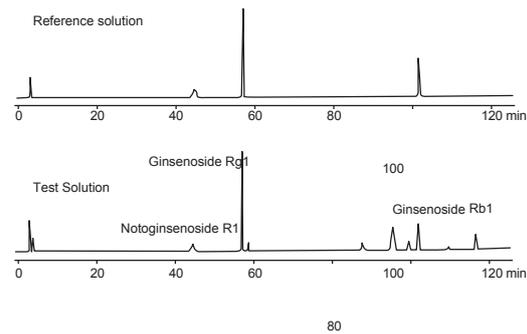
Ret Time [min]	Height [mAU]	Area [mAU*s]	Symm.	Width [min]	Plates	R	Selectivity
15.222	2.83118	44.31549	1.10	0.2517	20271	16.72	1.68
16.058	75.97128	1461.85754	1.12	0.2933	16600	1.80	1.05



Ret Time [min]	Height [mAU]	Area [mAU*s]	Symm.	Width [min]	Plates
16.022	490.51512	8871.41016	0.98	0.2759	18681

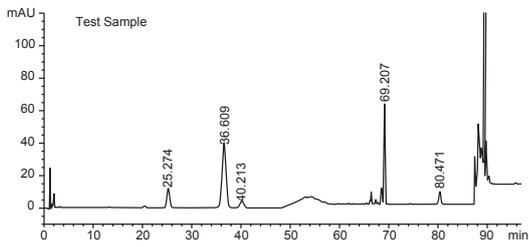
Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 236nm
 Mobile Phase: THF/methanol/acetonitrile/0.05% H₃PO₄ solution=1/4/8/87
 Temp.: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

PNS (Panax Notoginseng Saponins)



Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 203nm
 Mobile Phase: A :acetonitrile B :water
 Gradient: 0 ~ 44min 19% A 44 ~ 69min 19 ~ 29% A
 Program: 69 ~ 88min 29% A 88 ~ 125min 29 ~ 40% A
 Temp.: 25°C
 Flow Rate: 1.0ml/min

PNS (Panax Notoginseng Saponins)



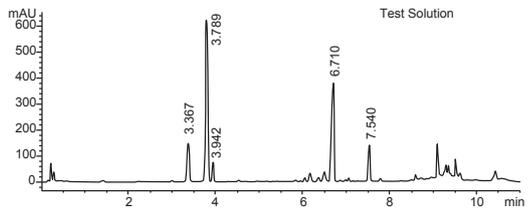
Ret Time [min]	Height [mAU]	Area [mAU*s]	Symm.	Width [min]	Plates	R	Selectivity
25.274	12.01817	476.33005	0.96	0.6133	9407	-	-
36.609	39.97532	2239.52563	1.00	0.8627	9977	9.02	1.45
40.213	4.16964	248.61548	1.11	1.9233	10508	2.37	1.10
69.207	61.81545	765.59412	1.31	1.1900	7358019	30.60	1.72
80.471	8.05077	240.69263	1.09	1.4667	164727	20.15	1.16

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×150mm
 Wavelength: 203nm
 Mobile Phase: Mobile Phase A: acetonitrile Mobile Phase B: water
 Gradient Program:

Time (min)	A(%)	B(%)
0	20	80
45	20	80
65	34	66
85	34	66
86	90	10
96	90	10
97	20	80

Temp.: 30°C
 Flow Rate: 1.0ml/min
 injection Volume:10µl

PNS (Panax Notoginseng Saponins)



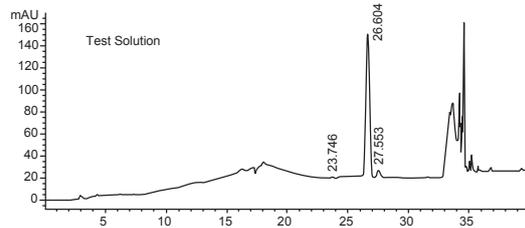
Ret Time [min]	Height [mAU]	Area [mAU*s]	Symm.	Width [min]	Plates	R	Selectivity
3.367	148.88780	491.18912	1.04	0.0505	24634	-	-
3.789	622.69196	1778.85547	1.00	0.0440	41065	5.25	1.13
3.942	75.15372	201.10989	1.05	0.0414	50123	2.10	1.04
6.710	377.63287	1304.39673	2.00	0.0547	83481	33.84	1.70
7.540	138.69531	396.74265	1.43	0.0447	157891	9.82	1.12

Column: Welch Ultisil™ Polar-RP, 1.8µm, 2.1×50mm
 Wavelength: 203nm
 Mobile Phase: A: water B: acetonitrile
 Gradient Program:

Time (min)	A(%)	B(%)
0	81	19
2	81	19
8	60	40
9	5	95
10	5	95
10.01	81	19
11	81	19

Temp.: 25°C
 Flow Rate: 0.6ml/min
 Injection Volume:2µl

Radix Cyathulae



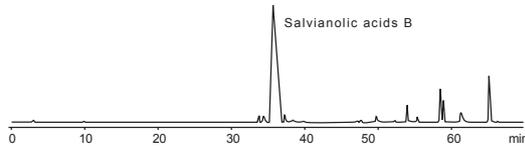
Ret Time [min]	Height [mAU]	Area [mAU*s]	Symm.	Width [min]	Plates	R	Selectivity
23.746	1.07802	13.31252	1.15	0.2022	76376	-	-
26.604	129.52577	2037.42529	0.97	0.2378	69352	7.63	1.12
27.553	6.76829	106.62865	0.92	0.2400	73005	2.33	1.04

Column: Welch Xtimate® C18, 5µm, 4.6×250mm
 Wavelength: 243nm
 Mobile Phase: A: water B: methanol
 Gradient Program:

Time (min)	A (%)	B (%)
0	90	10
5	90	10
15	60	40
30	53	47
31	0	100

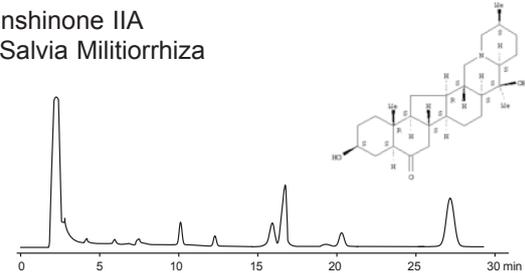
Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume:10µl

Salvia Miltiorrhiza



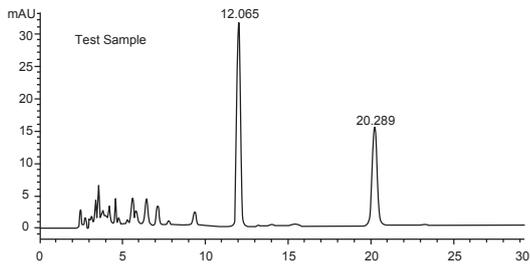
Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Mobile Phase: A—acetonitrile, B—acetonitrile/0.3%formic acid = 5/95
 0 ~ 30min 0 — 22% 30 ~ 40min 22 — 40% A
 A 40 ~ 50min 40 — 50 ~ 70min 65 — 80% A
 Wavelength: 280nm 65% A
 Temp.: Ambient 20°C
 Flow Rate: 1.0ml/min
 The sample is Salvia Miltiorrhiza extracted by methanol

Tanshinone IIA
 in Salvia Miltiorrhiza



Column: Welch Welchrom® C18, 5µm, 4.6×250mm
 Wavelength: 270nm
 Mobile Phase: methanol/water = 75/25
 Temp.: ambient 22°C
 Flow Rate: 1.0ml/min

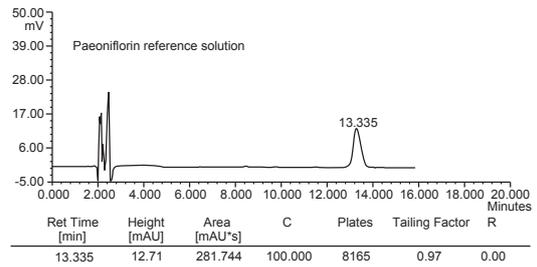
Rhizoma Gastrodiae



Ret Time [min]	Height [mAU]	Area [mAU*s]	Symm.	Width [min]	Plates	R	Selectivity
12.065	31.84474	440.93134	0.93	0.2128	17806	-	-
20.289	15.61050	328.99973	0.94	0.3300	20943	17.80	1.68

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 220nm
 Mobile Phase: acetonitrile/0.05% H_3PO_4 =3/97
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 5µl

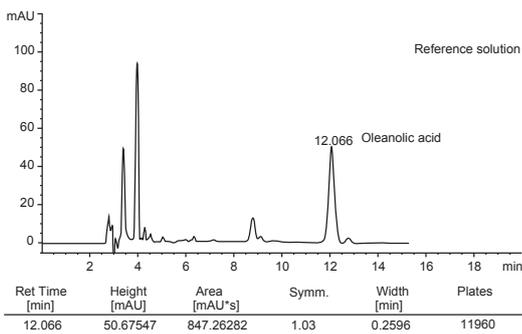
Lemai Capsules



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	13.308	12.07	273.078	100.000	7803	0.95	0.00

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×150mm
 Wavelength: 230nm
 Mobile Phase: acetonitrile/0.2% H_3PO_4 =13/87
 Temperature: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Fructus Chaenomelis

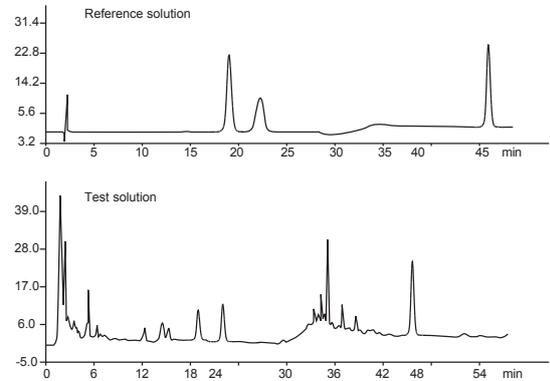


Ret Time [min]	Height [mAU]	Area [mAU*s]	Symm.	Width [min]	Plates
12.066	50.67547	847.26282	1.03	0.2596	11960

Ret Time [min]	Height [mAU]	Area [mAU*s]	Symm.	Width [min]	Plates	R	Selectivity
11.338	143.39513	2288.73608	0.96	0.2483	11547	3.57	1.15
11.993	22.36032	378.00861	1.05	0.2602	11768	1.51	1.06
12.682	4.07246	72.49971	1.08	0.2687	12338	1.53	1.06

Column: Welch Ultisil™ XB-C18(300Å), 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: methanol/water/glacial acetic acid/
 triethylamine=265/35/0.1/0.05
 Temperature: 18°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

(Longdanxiegan Pills) Bolus of Gentian for Purging Liver-fire



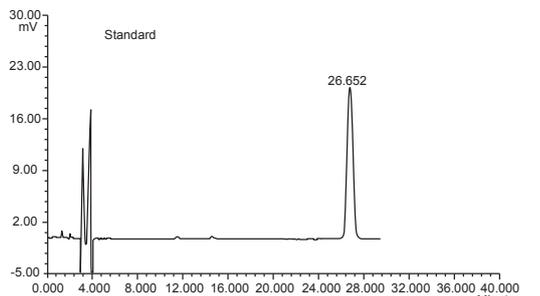
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width	R	Plates	Tailing Factor
1	19.003	849	24400.6	18.679	27.02	0.00	9861	0.94
2	22.165	1036	33938.5	25.980	30.79	3.86	10326	0.99
3	45.662	2095	72293.1	55.341	32.44	26.23	39496	0.96

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×150mm
 Wavelength: 254nm
 Mobile Phase: A: methanol B: 0.2% H_3PO_4
 Gradient Program:

Time (min)	A (%)	B (%)
0	20	80
25	20	80
30	43	57
50	43	57

Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

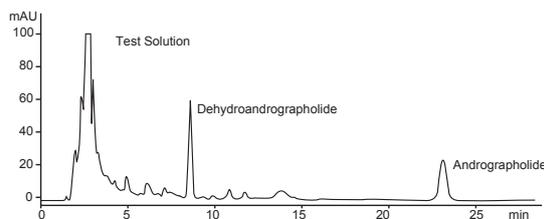
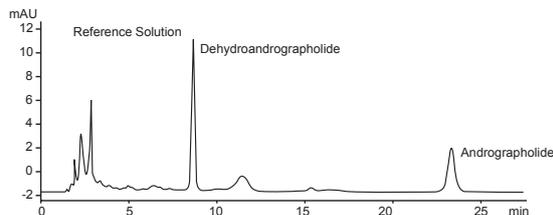
Siji Ganmao tablets (Phaseolus Cold Tablets)



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor
1		26.652	2.04	65.852	100.000	15452	0.95

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 230nm
 Mobile Phase: acetonitrile/water=23/77
 Temperature: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 5µl

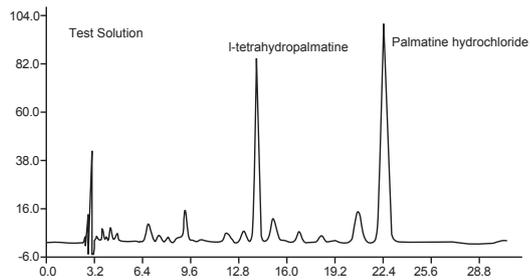
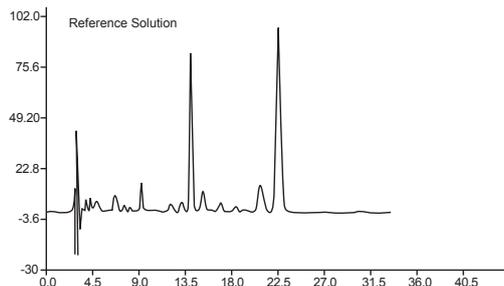
Fuke Qianjin Capsule



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
8.628	674.33527	59.16991	1.01	0.1737	13671	-	-
23.140	672.39368	24.25816	1.06	0.4167	17087	28.88	2.68

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 240nm
 Mobile Phase: Methanol/water = 55/45
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 5µl

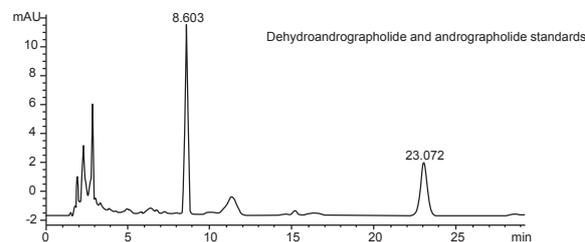
Extracts of Epigeal Srephaia Root



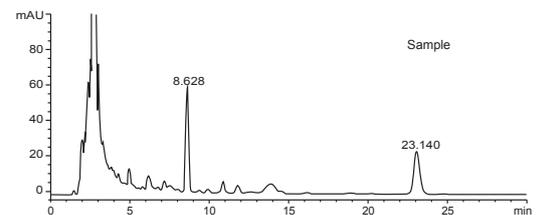
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width	R	Plates	Tailing Factor
1	13.880	8486	144574.5	26.546	16.01	1.81	14972	1.05
2	22.234	10166	297779.9	54.678	27.53	2.14	12996	1.03

Column: Welch Topsil®C18, 5µm, 4.6×250mm
 Wavelength: 280nm
 Mobile Phase: 25Mmol NaAc buffer solution (add 2%TEA, (adjust pH to 3.50 with HAC)/acetonitrile=80/20
 Temperature: 40°C
 Flow Rate: 1.0ml/
 Injection Volume: min 20µl

Fukeqianjin Tablets



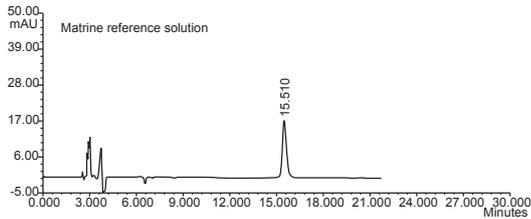
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
8.603	165.02856	13.09158	1.01	0.1950	10784	-	-
23.072	104.50677	3.69977	1.04	0.4300	15951	27.20	2.68



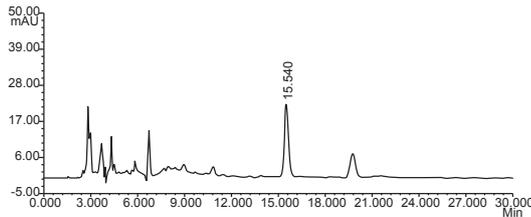
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
8.628	674.33527	59.16991	1.01	0.1737	13671	-	-
23.140	672.39368	24.25816	1.06	0.4167	17087	28.88	2.68

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 240nm
 Mobile Phase: Methanol/water=55/45
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 5µl

Fuyankang Tablets



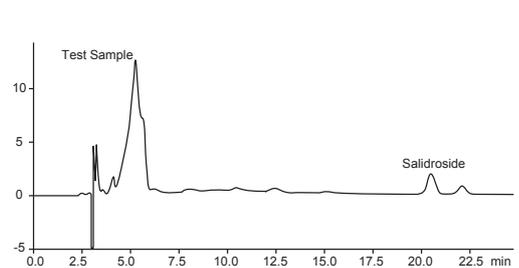
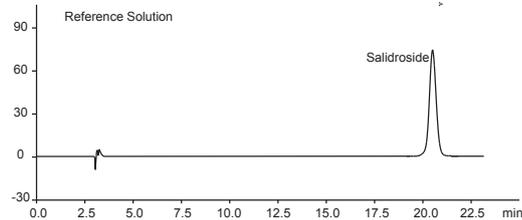
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	15.510	1750	30951.5	100.000	1.18	17347	0.00



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	15.540	2194	38453.7	100.000	1.05	17733	0.00

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 220nm
 Mobile Phase: methanol/acetonitrile/TEA/phosphate buffer (pH6.8)
 Temperature: =10/17/0.1/73
 22°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

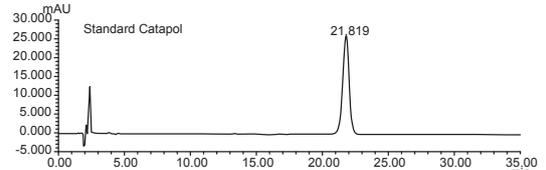
Rhodiola Rosea



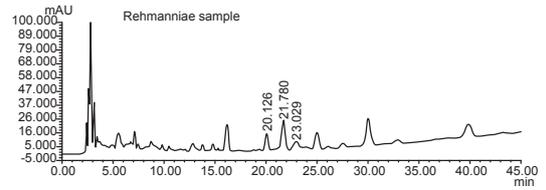
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	Salidroside	20.515	203	5436.5	74.821	0.96	13237	0.00
2	-	22.090	84	1829.5	25.179	1.04	23204	2.44

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 275nm
 Mobile Phase: water/methanol=85/15
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 5µl

Rehmanniae - Catalpol



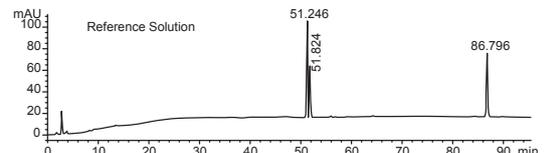
ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]%	Tailing Factor	C	Plates	R
1	21.819	0.406	25835.7	685550.5	100.0000	1.18	100.0000	BB	



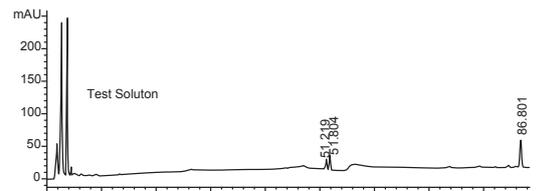
ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]%	Tailing Factor	C	Plates	R
1	20.126	0.317	11066.1	222080.4	7.6566	7.6566	22330	7.569	1.050
2	21.780	0.401	21065.2	551360.3	19.0108	19.0108	16342	2.712	0.918
3	23.029	0.487	4315.0	124299.4	4.2858	4.2858	12388	1.657	1.416

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: acetonitrile/water=1.0/99.0
 Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 5µl

Red Ginseng



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
51.246	1149.56494	90.26813	1.06	0.1982	369870	-	-
51.824	586.04883	48.23740	1.05	0.1883	419475	1.76	1.01
86.796	895.63583	59.20974	1.35	0.2367	745147	96.69	1.67



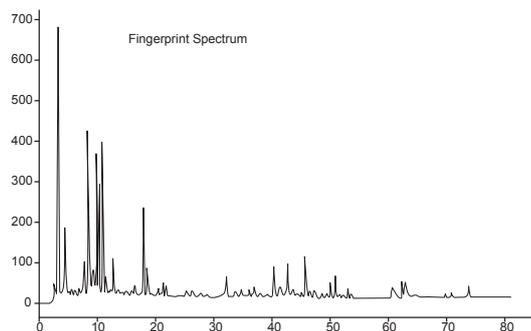
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
51.219	204.39789	15.95187	1.03	0.2017	357372	-	-
51.804	274.25259	22.33215	1.03	0.1917	404699	1.75	1.01
86.801	633.08362	41.72412	1.29	0.2350	755811	96.38	1.68

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 203nm
 Mobile Phase: A: acetonitrile B: water
 Gradient Program:

Time (min)	A (%)	B (%)
0	19	81
35	19	81
55	29	71
70	29	71
100	40	60

Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Rehmannia Fingerprint Spectrum



Column: Welch Xtimate® C18, 5µm, 4.6×250mm

Wavelength: 210nm

Mobile Phase: A: 0.1% phosphoric acid solution B:

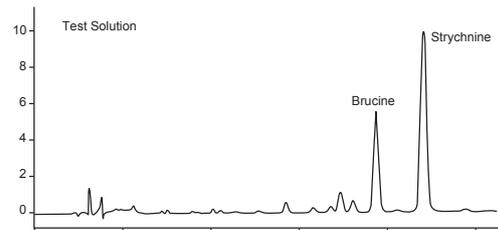
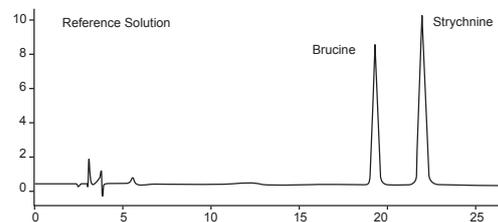
Time (min)	A(%)	B(%)	Time (min)	A(%)	B(%)
0	100	0	50	60	40
15	94	6	60	25	75
25	90	10	70	10	90
35	85	15	75	0	100
45	75	25			

Temp.: 30°C

Flow Rate: 1.0ml/min

Injection Volume: 20µl

Shenjindan Capsule(relaxing muscles and tendons capsule)



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
18.009	11.78466	6.32748e-1	0.92	0.2833	22384	1.51	1.04
19.311	108.74815	5.47481	0.96	0.3100	21486	2.58	1.07
20.507	2.00001	9.46070e-2	1.06	0.3300	21393	2.19	1.06
21.978	220.02971	10.01626	0.94	0.3433	22699	2.57	1.07
24.350	3.05550	1.36826e-1	0.89	0.3633	24883	3.94	1.11

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm 260nm

Wavelength: 0.01M sodium heptanesulfonate and 0.02M

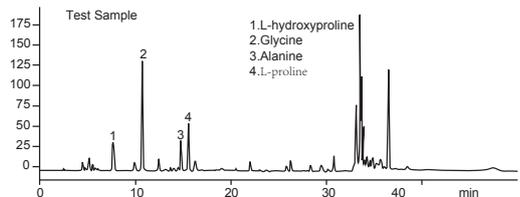
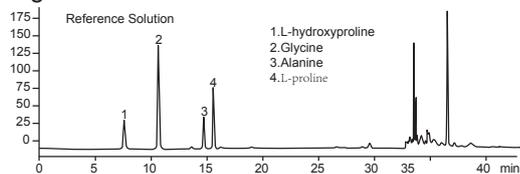
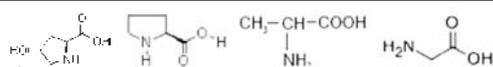
Mobile Phase: monopotassium phosphate equal quantity of mixture, adjust pH to 2.8 with H₃PO₄/acetonitrile=79/21

Temp.: 30°C

Flow Rate: 1.0ml/min

Injection Volume: 10µl

Donkey -hide gelatin



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
7.644	379.40399	35.07190	1.51	0.1733	10772	-	-
10.658	1227.19958	136.65355	1.03	0.1317	36314	11.61	1.39
14.657	327.94122	36.04907	0.95	0.1417	59299	17.19	1.38
15.466	536.85809	58.68928	0.98	0.1400	67616	3.37	1.06

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm

Wavelength: 254nm

Mobile Phase: A: acetonitrile/0.1mol/LNaAc(adjust pH to 6.5 with HAc)= 7/93 B: acetonitrile/water = 4/1

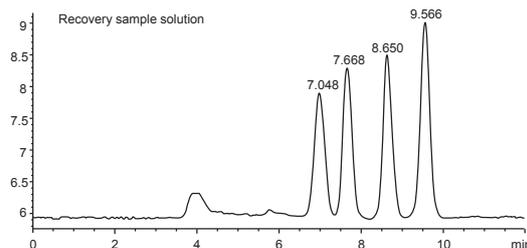
Time (min)	A(%)	B(%)
0~11	100~93	0~7
11~13.9	93~88	7~12
13.9~14	88~85	12~15
14~29	85~66	15~34
29~30	66~0	34~100

Temp.: 43°C

Flow Rate: 1.0ml/min

Injection Volume: 5µl

Tangerine Peel



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
7.048	33.29641	1.95297	1.31	0.2543	4256	-	-
7.668	36.94453	2.36735	0.92	0.2453	5496	1.46	1.09
8.650	40.01419	2.56784	0.96	0.2453	692	2.37	1.13
9.566	50.42702	3.07427	0.96	0.2573	7657	2.15	1.11

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm

FLD: excitation wavelength: 360nm Emission wavelength:

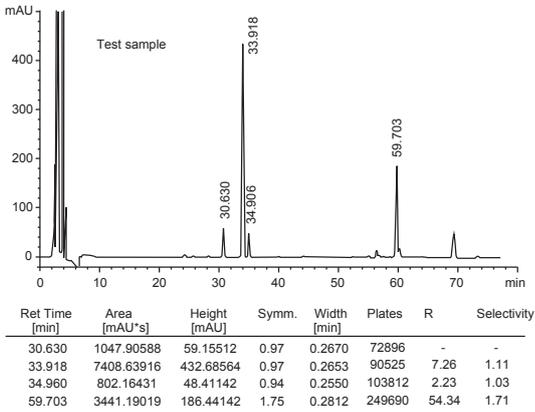
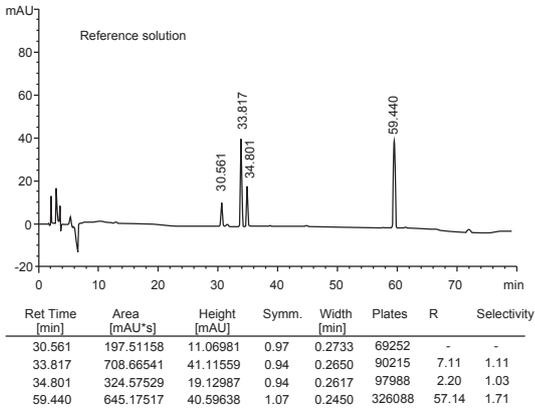
Mobile Phase: 450nm Gain : 17 water/methanol/acetonitrile=46/40/14

Temp.: 30°C

Flow Rate: 1.0ml/min

Derivable way: Post-column photochemical derivatization (254nm)

Jingkang Tablets

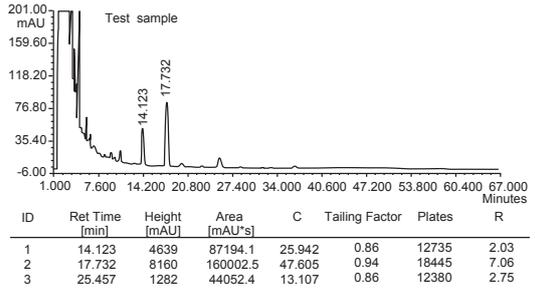
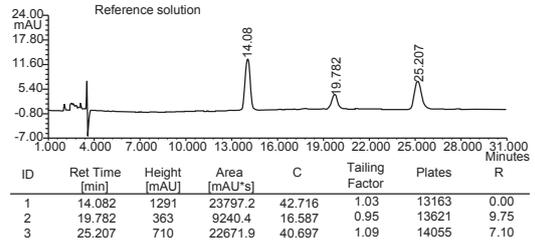


Column: Welch Ultisil™ Polar-RP, 5µm, 4.6×250mm
 Wavelength: 203nm
 Mobile Phase: A: acetonitrile B: water
 Gradient Program:

Time (min)	A(%)	B(%)
0	19	81
12	19	81
60	36	64

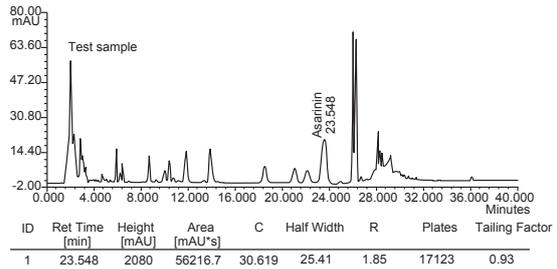
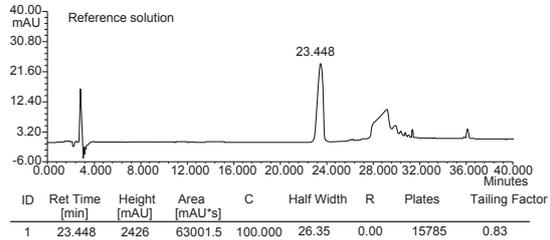
Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Monkshood - Processed Radix Aconiti



Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Mobile Phase: Acetonitrile/0.1%phosphoric acid water solution=22/78
 Wavelength: 232nm
 Temp.: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl

Asarum Medicinal Materials

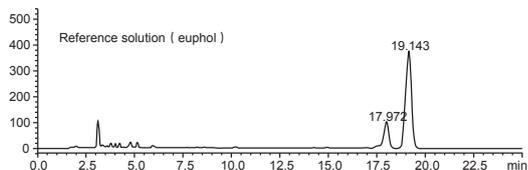


Column: Welch Topsil® C18, 5µm, 4.6×250mm
 Wavelength: 287nm
 Mobile Phase: A: acetonitrile B: water
 Gradient Program:

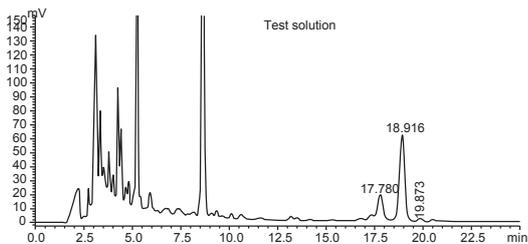
Time (min)	A(%)	B(%)
0-20	50	50
20-26	50-100	50-0

Temp.: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Processed Radix Kansui



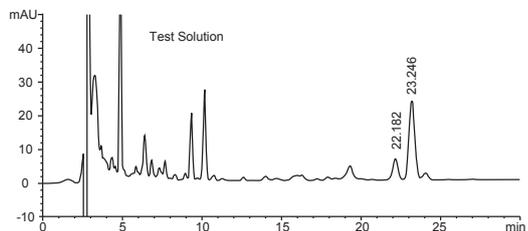
Ret Time [min]	Area [mAU*s]	Plates	Tailing Factor	R
17.972	2080744	146710.752	0.743	0.000
19.143	7366272	147052.959	0.911	2.341



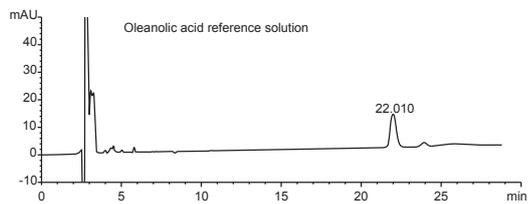
Ret Time [min]	Area [mAU*s]	Plates	Tailing Factor	R
17.780	282631	25486.153	1.052	0.000
18.916	1183759	22397.815	0.930	2.389
19.873	31185	22240.741	0.879	1.843

Column: Welch Ultisil™ XB-C8, 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: acetonitrile/water=95/5
 Temp.: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Folium Eriobotryae



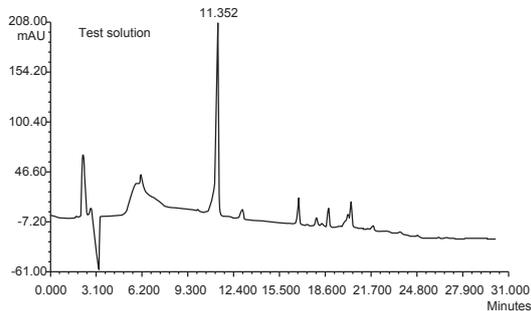
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
22.182	155.08687	6.34518	1.11	0.3767	19215	-	-
23.246	583.27283	23.08965	1.13	0.3933	19351	1.62	1.05



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
22.010	290.46677	12.11023	1.12	0.3733	19256

Column: Welch Topsil® C18, 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: acetonitrile/methanol/0.5%NH₄AC=67/12/21
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

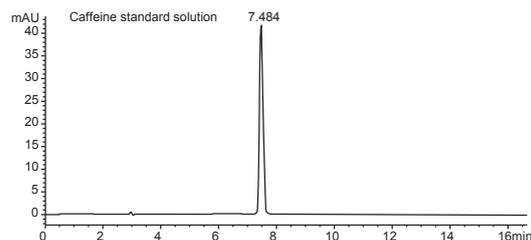
Geniposidic Acid (GPA)



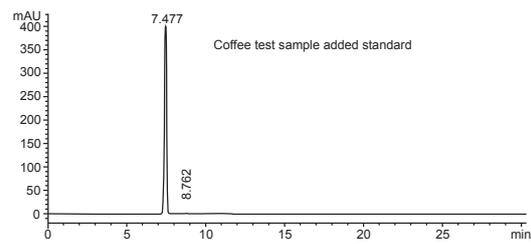
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	geniposidic acid	11.352	20732	262259.2	100.000	0.64	18149	0.00

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×150mm
 Wavelength: 240nm/254nm
 Mobile Phase: 1%acetic acid solution/methanol=100/0 (0min) , 40/60 (20min)
 Temp.: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Coffee



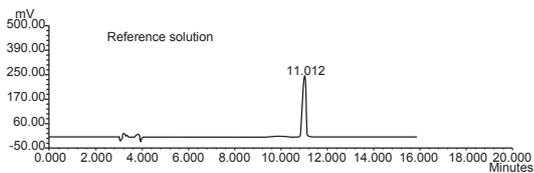
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
7.484	335.37680	41.44502	0.98	0.1244	20037



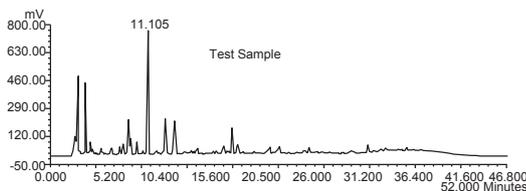
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
7.477	5242.60840	620.58081	0.94	0.1300	18326

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 280nm
 Mobile Phase: methanol/water=30/70
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Ciwujia Extractive Powder



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	11.012	27.27	286.695	100.000	24750	0.91	0.00



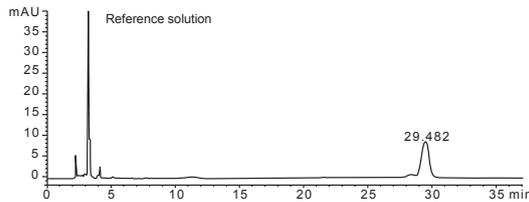
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	11.105	75.31	678.485	100.000	34271	0.94	0.00

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 220nm
 Mobile Phase: A: acetonitrile B: 0.1% phosphoric acid water solution
 Gradient Program:

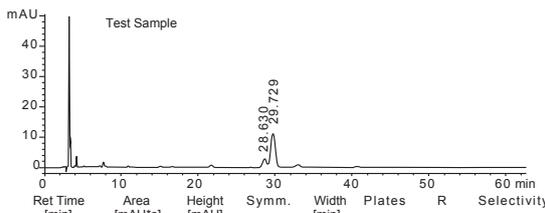
Time (min)	A(%)	B(%)
1 0-20	10-20	90-80
2 20-30	20-25	80-75
3 30-40	40	60
4 40-50	10	90

Temp.: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Semen Armeniacae Amarum



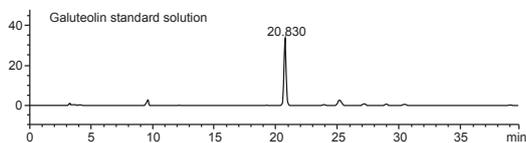
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
29.482	302.9661	8.39383	0.94	0.5669	14984



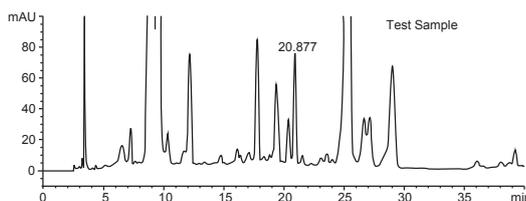
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
28.630	108.32009	2.93340	1.06	0.6067	12338	-	-
29.729	448.81564	11.27229	1.01	0.6180	12822	1.06	1.04

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 207nm
 Mobile Phase: acetonitrile/0.1%phosphoric acid solution=8/92
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Flos Lonicerae



ID	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
20.830	399.28796	33.90254	1.06	0.1739	79494



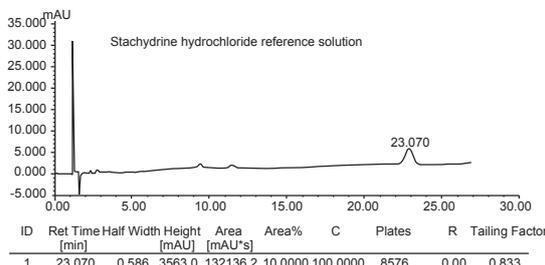
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R
20.877	925.07892	71.37161	1.15	0.1967	62427	1.50

Column: Welch Ultisil™ XB-Phenyl, 5µm, 4.6×250mm
 Wavelength: 350nm
 Mobile Phase: A: acetonitrile B: 0.5% glacial acetic acid
 Gradient Program:

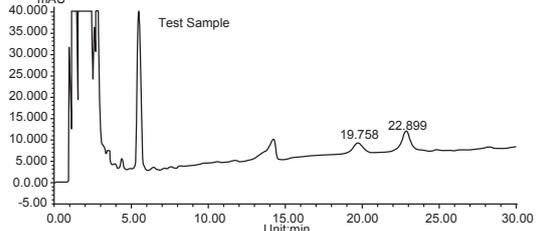
Time(min)	A(%)	B(%)
0-15	10-20	90-80
15-30	20	80
30-40	30	80-70

Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Kunning Oral Liquid



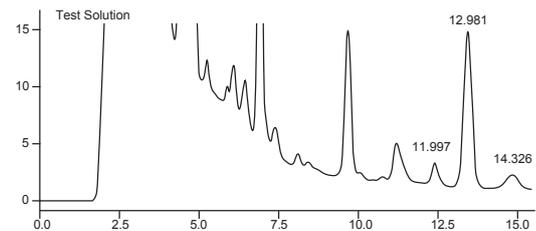
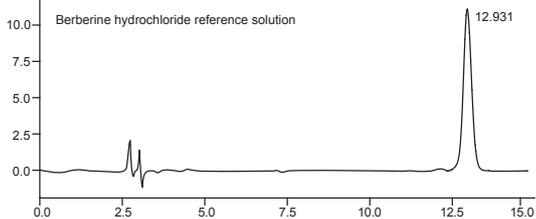
ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area%	C	Plates	R	Tailing Factor
1	23.070	0.586	3563.0	132136.2	10.0000	100.0000	8576	0.00	0.833



ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area%	C	Plates	R	Tailing Factor
1	19.756	0.863	2559.1	117656.3	41.3701	41.3701	4639	0.00	1.147
2	22.899	0.588	4420.7	166743.2	58.6299	58.6299	8392	0.00	1.013

Column: Welch Ultisil™ XB-SCX-I, 5µm, 4.6×150mm
 Wavelength: 192nm
 Mobile Phase: 15mmol/L KH₂PO₄ solution (contain 0.04% TEA and 0.15% H₃PO₄)
 Temp.: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

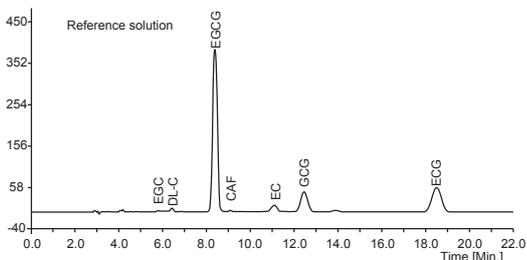
Jinchan Zhiyang Capsule



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Plates#	Tailing Factor	R
1	11.997	29403	1676	12042.530	1.411	0.000
2	12.981	229202	13568	13306.202	1.008	2.219
3	14.326	34086	1317	6915.126	0.929	2.360

Column: Welch Welchrom® C18, 5µm, 4.6×250mm
 Wavelength: 265nm
 Mobile Phase: methanol/acetonitrile/water=50/20/30 (contain 0.1% SDS and 0.1% phosphoric acid solution) Ambient
 Temp.: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

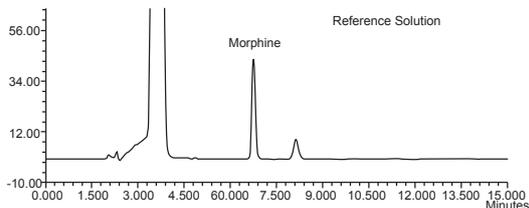
TP (tea polyphenol)



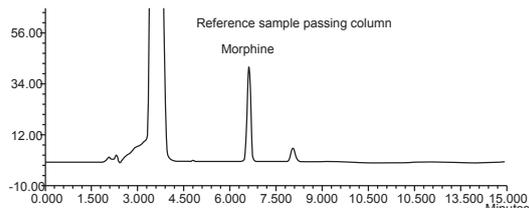
ID	Sample	Ret Time	Area	Plates	Tailing Factor	R
1	Impurity	0.00667	25.70	14.18	1.21	0.00
2	EGC	5.77000	19.97	49840.01	1.01	52.19
3	DL-C	6.40083	73.86	44710.86	0.98	2.81
4	EGCG	8.37250	4923.95	39490.14	1.04	6.81
5	CAF	9.08583	36.36	77808.34	1.01	2.39
6	EC	11.10083	246.94	48753.60	0.82	6.08
7	GCG	12.4833	916.18	38367.70	0.99	2.96
8	Impurity	13.86417	64.59	42254.20	0.96	2.70
9	ECG	18.44667	1560.33	43260.61	0.98	7.34

Column: Welch Topsisil®C18, 5µm, 4.6×250mm
 Wavelength: 280nm
 Mobile Phase: methanol/water/H₃PO₄=29/71/0.1
 Temp.: 32°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Compound Glycyrrhiza Oral Solution



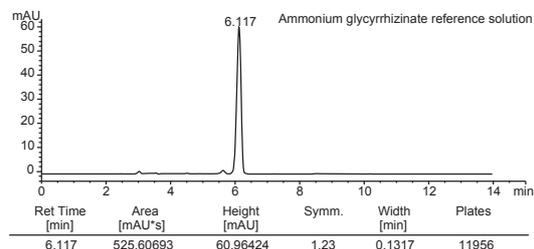
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	Morphine	6.752	43.15	363.611	100.000	14477	1.12	0.00



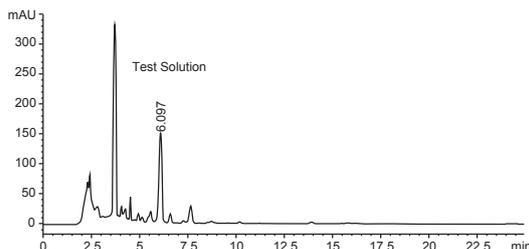
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	Morphine	6.610	40.90	355.132	100.000	14675	1.06	0.00

Column: Welch Ultisil™ XB-C8, 3µm, 4.6mm×150mm
 Wavelength: 220nm
 Mobile Phase: acetonitrile/0.0025mol/Lsodium heptanesulfonate/0.05mol/L KH₂PO₄ (5/18/18) ambient
 Temp.: ambient
 Flow Rate: 0.7ml/min

Compound Liquorice Tablet



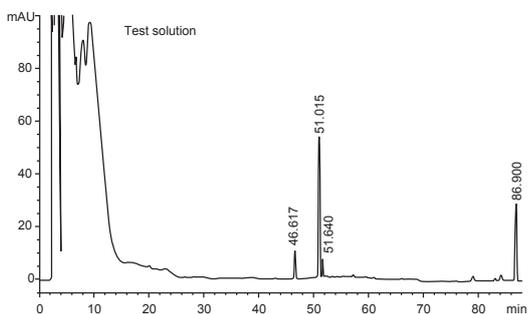
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
6.117	525.60693	60.96424	1.23	0.1317	11956



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
6.097	1444.90918	148.77879	1.71	0.1444	9871	2.02	1.09

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 250nm
 Mobile Phase: 0.025mol/LKH₂PO₄solution/0.0025mol/L sodium heptanesulfonate solutionacetonitrile=33/33/34
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Compound Danshen Tablet (compound salvia tablet)



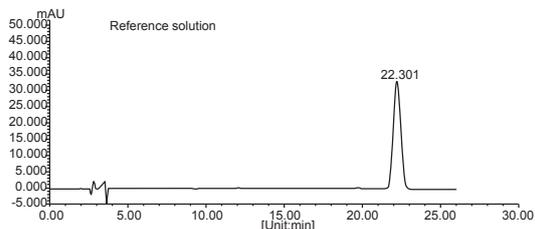
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
46.617	188.1442	10.33222	1.11	0.2833	149967	-	-
51.051	719.80524	53.12434	1.12	0.2100	326918	10.47	1.09
51.640	83.78601	6.69275	1.07	0.1967	381962	1.81	1.01
86.900	454.79642	29.41329	1.26	0.2367	746922	95.61	1.68

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 203nm
 Mobile Phase: A: acetonitrile B: water
 Gradient Program:

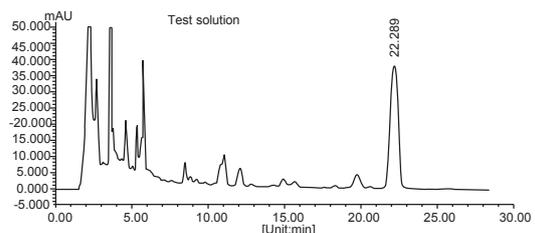
Time (min)	A(%)	B(%)
0	19	81
35	19	81
55	71	29
70	71	29
100	40	60

Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Compound Liquorice Tablets



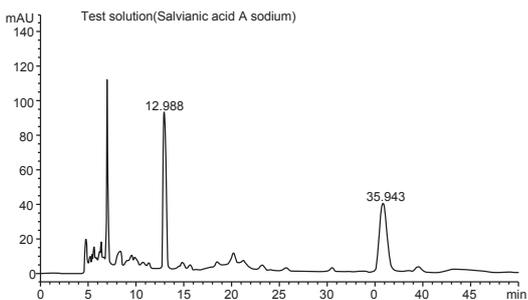
ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area% [mAU*s]%	C	Plates	R	Tailing Factor
1	22.301	0.482	32683.7	1025181.9	100.0000	100.0000	11875	3.189	1.039



ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area% [mAU*s]%	C	Plates	R	Tailing Factor
1	22.289	0.475	37466.4	1151158.4	88.2192	0.6209	12180	2.069	1.024

Column: Welch Ultisil™ XB-C18, 5µm, 4.6mm×250mm
 Mobile Phase: 0.025mol/L KH₂PO₄:0.0025mol/L sodium heptanesulfonate:acetonitrile
 Wavelength: 250nm
 Temp.: ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

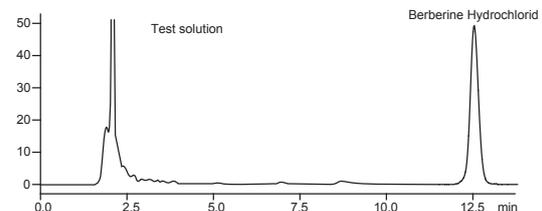
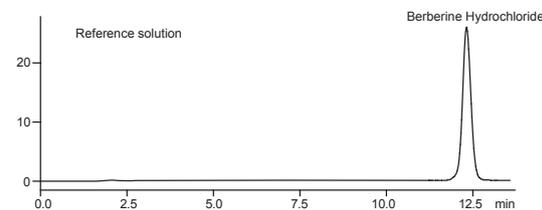
Guanmanning



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
12.988	1651.41589	90.23713	0.70	0.2900	11110	-	-
35.943	1787.47083	39.94105	0.91	0.6633	16266	28.29	2.77

Column: Welch Ultisil™ polar-RP, 5µm, 4.6×250mm
 Wavelength: 281nm
 Mobile Phase: 0.5% Na₂HPO₄/0.03% H₃PO₄ solution=24.5/75.5
 Temp.: 30°C
 Flow Rate: 0.5ml/min
 Injection Volume: 10µl

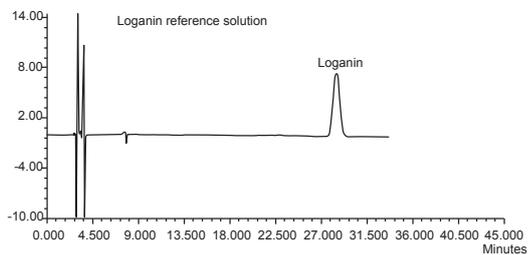
Yinhua Xiye



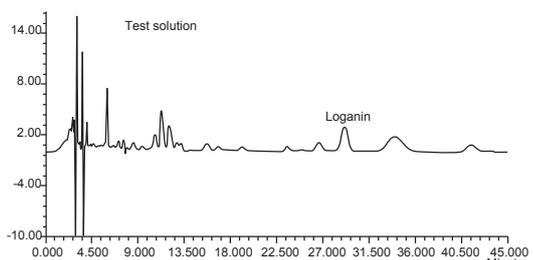
ID	Ret Time [min]	Area	Height	Plates#	R	Tailing Factor
1	11.154	2318	172	14555.000	0.000	1.029
2	12.324	750842	48581	14392.096	2.996	1.015

Column: Welch Welchrom® C18, 5µm, 4.6×250mm
 Wavelength: 345nm
 Mobile Phase: acetonitrile/water=55/54(sodium lauryl sulfate 1.7g、NaH₂PO₄ 3.4g in 1000mL solution)
 Temp.: ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Liuwei Dihuang Pills(condensed)

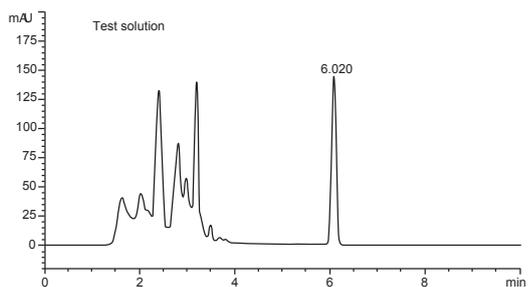


ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	Logenin	28.588	0.76	34.008	100.0000	9115	1.00	0.00



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	Logenin	29.079	0.28	13.033	4.949	8803	2.09	0.97

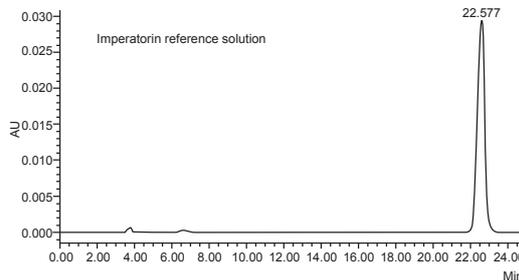
Column: Welch Welchrom® C18, 5µm, 4.6×250mm
 Wavelength: 236 nm
 Mobile Phase: THF/methanol/acetonitrile/0.05% H_3PO_4 solution=1/4/8/87
 Temp.: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl



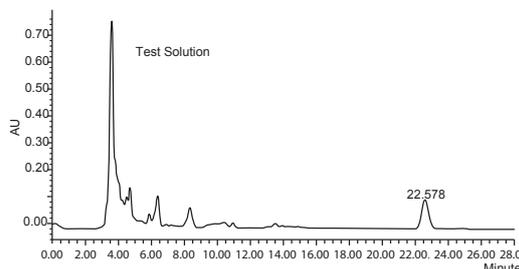
Ret Time [min]	Height [mAU]	Area [mAU*s]	Half Width	Symm.	USP Tailing
6.089	13.75	926.5	0.09833	0.96483	1.00769

Column: Welch Welchrom® C18, 5µm, 4.6×250mm
 Wavelength: 274nm
 Mobile Phase: Methanol/water=70/30
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Tongqiaobiyan Tablets



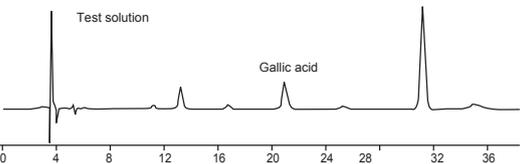
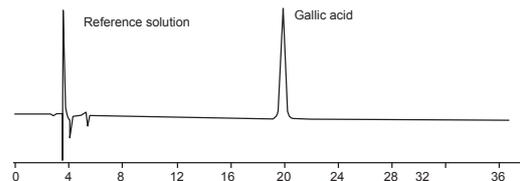
ID	Ret Time [min]	Area [mAU*s]	Area%	Height [mAU]	Height%	Tailing Factor	K'	Plates	Symm.
1	22.577	962823	100.00	29483	100.00	1.076888e+004	1.028837e+001	1.049398e+004	0.00



ID	Ret Time [min]	Area [mAU*s]	Area%	Height [mAU]	Height%	Tailing Factor	K'	Plates	Symm.
1	22.578	3029577	100.00	108611	100.00	1.479883e+004	1.028896e+001	1.033514e+000	1.033514e+000

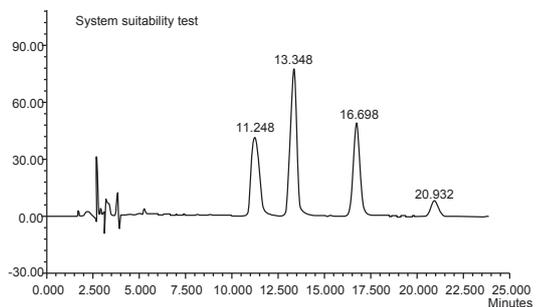
Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Wavelength: 248nm
 Mobile Phase: Methanol/water=54/46
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Jianming Yanhou Tablets



Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 273nm
 Mobile Phase: Acetonitrile/0.1% H_3PO_4 solution(contain 0.1%TEA)=1/99
 Temp.: ambient 23°C
 Flow Rate: 1.0ml/min
 Injection Volume: 5µl

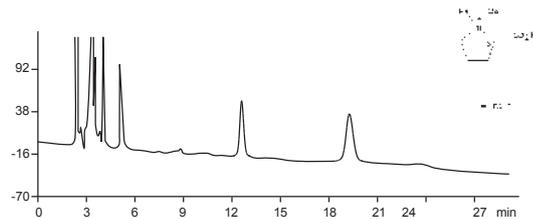
Dendrobium Officinale



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	C	Half Width [min]	R	Plates	Tailing Factor
1	11.248	121838.8	4130	27.856	27.73	0.00	3279	1.46
2	13.348	173518.7	7763	39.672	21.01	3.04	8044	1.52
3	16.698	116585.6	4945	26.655	22.16	5.48	11315	1.39
4	20.932	25443.8	833	5.817	28.71	5.87	1.592	1.07

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 250nm
 Mobile Phase: 0.02M ammonium acetate water solution/ acetonitrile=80/20
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

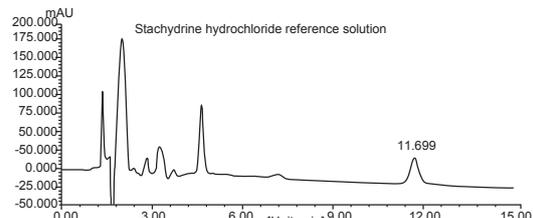
Leonurus Soft Capsules



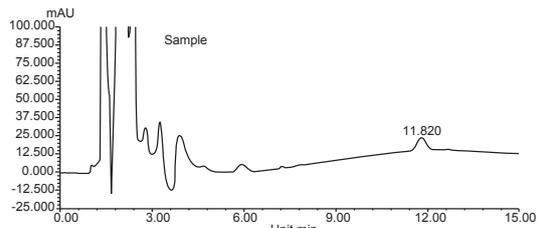
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	12.647	7.12	126.719	43.069	11402	0.00	1.04
2	19.336	6.22	167.505	56.931	11618	11.23	0.87

Column: Welch Ultisil™ XB-SCX-1, 5µm, 4.6×250mm
 Wavelength: 192nm
 Mobile Phase: Acetonitrile/0.05mol/L KH₂PO₄/H₃PO₄=15/85/0.15
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Leonuri Particle



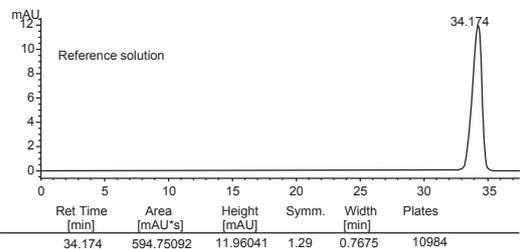
ID	Ret Time [min]	Height [mAU]	Half Width [min]	Area [mAU*s]	Area%	Plates	Tailing Factor	R
1	11.699	0.311	0.311	720536.5	100.0000	7823	1.100	0.000



ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area%	C	Plates	R	Tailing Factor
1	11.820	0.307	8568.7	167867.4	100.0000	100.0000	8211	0.00	1.161

Column: Welch Ultisil™ XB-SCX-1, 5µm, 4.6×150mm
 Wavelength: 192nm
 Mobile Phase: Acetonitrile/0.05mol/L KH₂PO₄/H₃PO₄=15/85/0.15
 Temp.: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

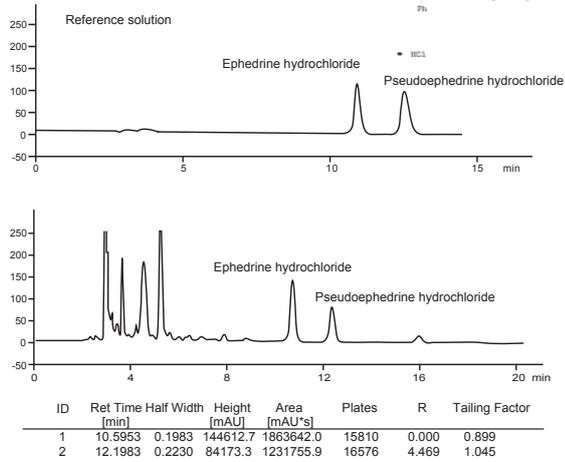
Yi Mai Kang Dispersible Tablets



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
34.174	594.75092	11.96041	1.29	0.7675	10984	-	-
32.415	18.18221	4.72714e-1	1.19	0.5867	16907	-	-
34.072	133.56682	3.44617	1.01	0.6069	17458	1.63	1.05
35.519	4.92437	1.40483e-1	0.83	0.5767	21015	1.44	1.04

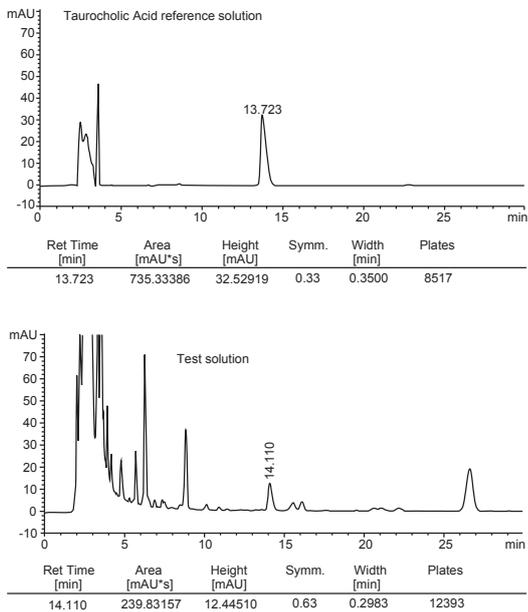
Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 335nm
 Mobile Phase: acetonitrile /0.2% H₃PO₄ water solution =16/84
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Ephedra



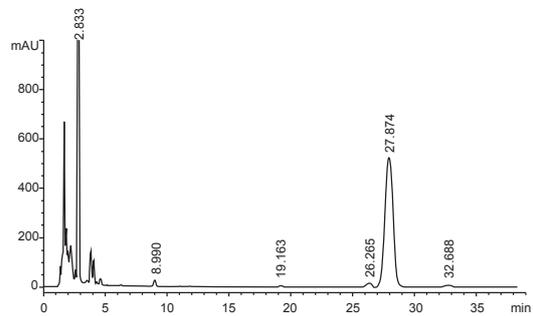
Column: Welch Ultisil™ Phenyl-Ether, 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: methanol/0.092% H₃PO₄ solution (contain 0.04% TEA and 0.02% n-butylamine)=1.5/98.5
 Temp.: Ambient 24°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Shedanchuanbei Oral Liquid



Column: Welch Ultisil™ Polar-RP, 5µm, 4.6×250mm
 Wavelength: 203nm
 Mobile Phase: Acetonitrile/0.4% H₃PO₄ water solution=35/65
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl
 Note: sensitive to injection volume and sample dissolve solvent

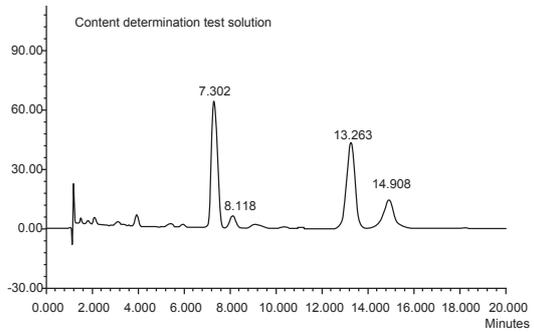
Qingkailing Injection



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
2.833	1.61350e4	2040.26477	1.12	0.1278	2724	-	-
8.990	315.91534	25.56881	0.92	0.1900	12403	22.76	3.17
19.163	143.99564	5.04972	0.85	0.4000	12715	20.76	2.13
26.265	565.77203	16.46585	1.40	0.5300	13604	8.97	1.37
27.874	2.38602e4	522.48523	0.99	0.7188	8330	1.51	1.06
32.688	327.95712	7.63050	1.32	0.6733	13058	4.06	1.17

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×150mm
 Wavelength: 192nm
 Mobile Phase: Acetonitrile/water/H₃PO₄=36/65/0.1
 Temp.: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

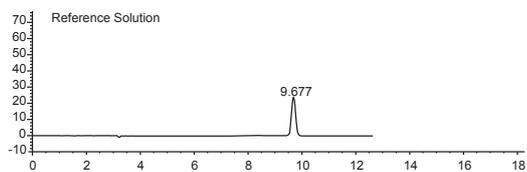
Ginkgo



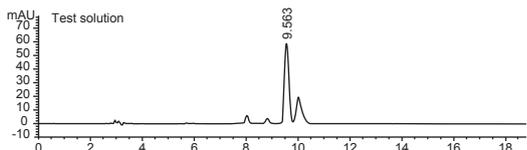
ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	C	Half Width R	Plates	Tailing Factor	Sample	
1	7.302	105552.1	6427	38.046	15.44	0.00	4458	0.99	Quercetin
2	8.118	11316.7	621	4.081	17.13	1.77	4477	1.17	-
3	13.263	111357.1	4336	4.158	24.14	24.14	6016	0.90	-
4	14.908	49075.1	1421	16.697	32.46	32.46	4203	1.08	-

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×100mm
 Wavelength: 360nm
 Mobile Phase: Methanol/0.4% H₃PO₄=50/50
 Temp.: 28°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Broncholy Releever



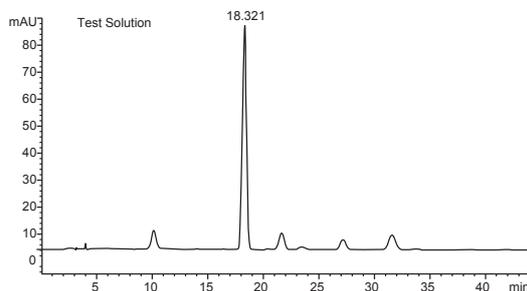
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
9.677	252.367864	24.47132	0.90	0.1574	20952



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
9.563	603.52765	58.75928	0.77	0.1575	20444	2.91	1.08

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: Buffer/methanol=83/17
 Temp.: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: Reference substance 10µl, sample 20µl

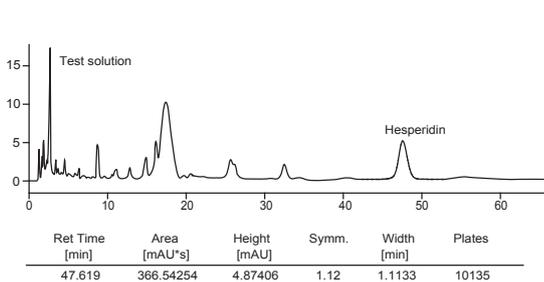
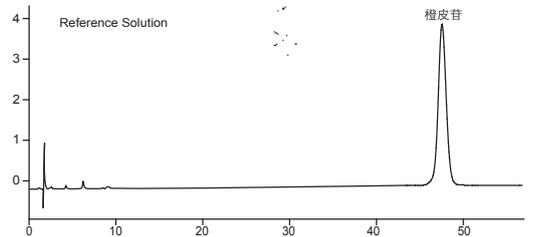
Puerariae Labatae Radix



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
18.321	2255.46655	85.76728	1.03	0.079	11177	13.02	1.82

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 250nm
 Mobile Phase: Methanol/water=25/75
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

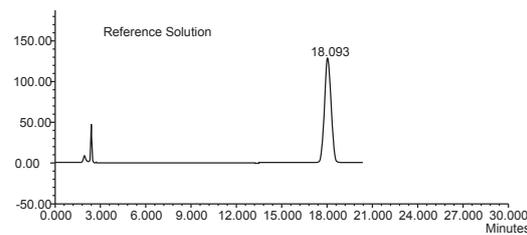
接骨七厘片



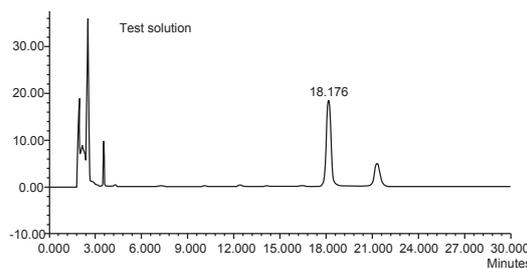
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
47.619	366.54254	4.87406	1.12	1.1133	10135

Column: Welch Xtimate® C18, 3µm, 4.6×150mm
 Wavelength: 283nm
 Mobile Phase: Methanol/water=27/73
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Semen Arecae



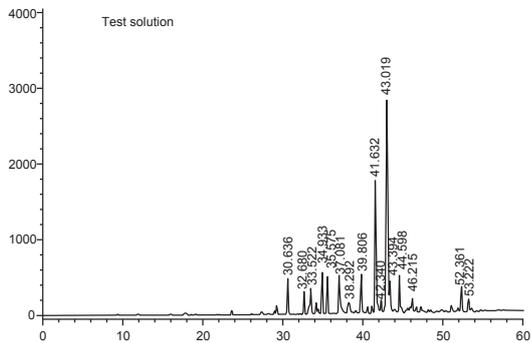
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	18.093	12859	277949.8	100.000	1.15	15805	0.00



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	18.176	1853	40739.2	76.484	1.23	15416	0.00

Column: Welch Ultisil™ SCX-II, 5µm, 4.6×250mm
 Wavelength: 215nm
 Mobile Phase: 0.2% H₃PO₄ solution (adjust pH to 3.8 with ammonia)/acetonitrile=45/55
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Propolis Finger-print

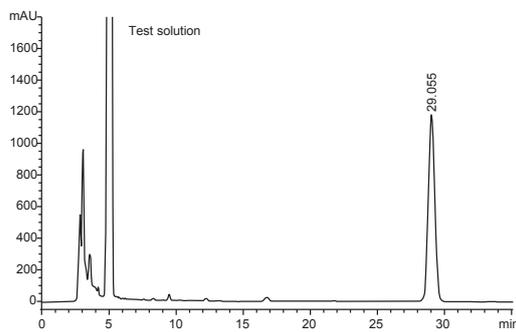


Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 360nm
 Mobile Phase: A:acetonitrile/methanol=9/1
 B: 20 mmol/L ammonium acetate, adjust pH to 3.5 with glacial acetic acid
 Gradient Program:

Time (min)	A[acetonitrile/methanol(9/1)]	B(20mmol/L ammonium acetate)
0	13	87
10	17	83
50	70	30
60	100	0

Temp.: 30°C
 Flow Rate: 0.8ml/min
 Injection Volume:10µl

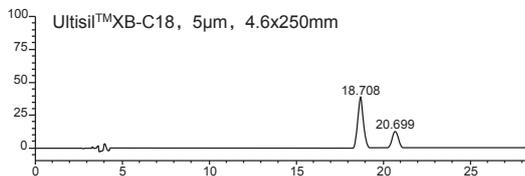
Xiongtanfen Chuanbei Oral Liquid



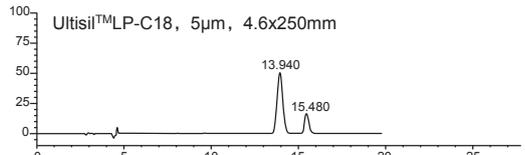
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
29.055	3.81798e4	1180.84778	0.89	0.5003	18684	16.62	1.73

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: 0.02mol/L(NH₄)₃PO₄ (adjust pH to 5.5 with H₃PO₄) /methanol=40/60
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl
 Note: Sensitive to injection volume and sample dissolve solvent

Biyuan Tongqiao Granule



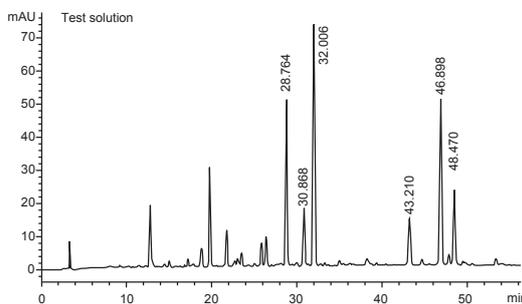
ID	Sample	Ret Time [min]	Area	Height	Plates	Tailing Factor	R
1	Ephedrine hydrochloride	17.708	75549	39014	21065	1.061	-
2	Pseudoephedrine Hydrochloride	20.699	266925	12556	21407	0.992	3.683



ID	Sample	Ret Time [min]	Area	Height	Plates	Tailing Factor	R
1	Ephedrine hydrochloride	13.940	759417	50056	19074	1.048	-
2	Pseudoephedrine Hydrochloride	15.480	268929	16170	19668	1.026	3.646

Column: 1.Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 2.Welch Xtimate® C18, 5µm, 4.6×250mm
 3. Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 4.Welch Ultisil™18, 5µm, 4.6×250mm
 5.Welch Ultisil™ Polar-RP, 5µm, 4.6×250mm
 6.Welch Welchrom® C18, 5µm, 4.6x250mm
 Wavelength: 210nm
 Mobile Phase: Acetonitrile/0.2% H₃PO₄ solution/TEA=3.8/96/0.2
 Temp.: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume:20µl

Atropa Belladonna



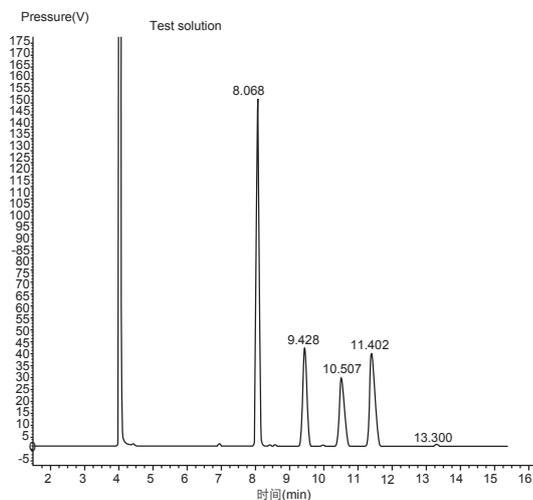
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
28.764	625.10193	50.12304	1.02	0.1917	124766	-	-
30.868	220.89825	17.33528	1.09	0.1933	141213	6.42	1.07
32.006	974.25128	72.88492	1.06	0.2067	132877	3.34	1.04
43.210	248.72269	13.91834	0.96	0.2767	135134	27.24	1.35
46.898	733.69910	50.02056	1.05	0.2267	237181	8.61	1.09
48.470	340.94394	22.62362	1.05	0.2250	257093	4.09	1.03

Column: Welch Ultisil™ XB-C18, 5µm, 4.5×250mm
 Wavelength: 344nm
 Mobile Phase: A:methanol B: 0.05% H₃PO₄
 Gradient Program:

Time (min)	A(%)	B(%)
0	3	97
5	15	85
60	60	40

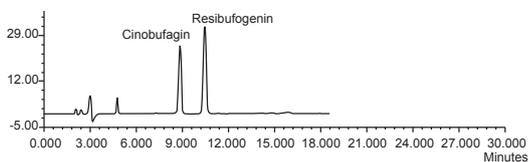
Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume:10µl

Shexiang Qutong Ghaji

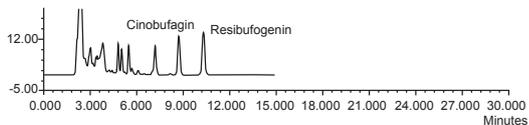


Column: Welch WEL-PEG 20M, 30mx0.53mmx1.0µm
 Carrier Gas: N₂
 Column pressure: 0.02 MPa
 Temp.: 160°C
 Vaporization Temp.: 250°C
 Detector Temp.: 50°C

Venenum Bufonis



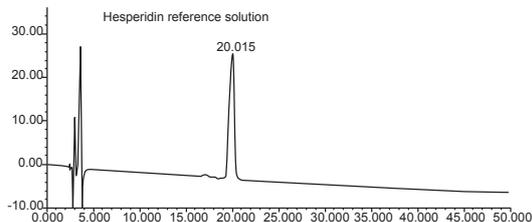
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	Cinobufagin	8.830	2583.24	273.856	87.112	14506	0.00	1.04
2	Resibufogenin	10.443	3.235.7	10.517	12.888	15654	5.14	1.02



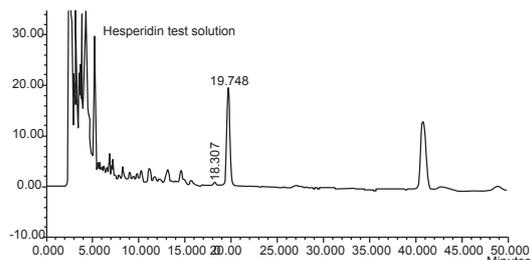
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R
1	Cinobufagin	8.150	0.04	0.461	1.511	12409	0.00
2	Resibufogenin	8.725	1.28	13.143	43.017	16160	2.03
3		10.307	1.41	16.630	54.595	17098	5.36
4		11.123	0.01	0.268	0.877	6568	1.89

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 296nm
 Mobile Phase: Acetonitrile/0.5%KH₂PO₄=58/42 (pH=3.2, adjust with H₃PO₄)
 Temp.: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Huoxiang Zhengqi Liquid

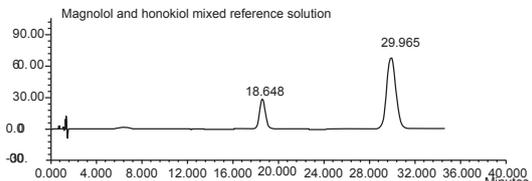


ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	Hesperidin	20.015	2859	91359.0	100.000	0.82	8849	0.00

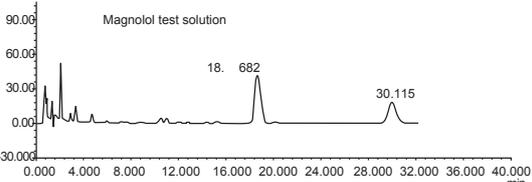


ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	-	18.307	80	2014.8	4.083	0.82	11918	0.00
2	Hesperidin	19.748	1936	47331.9	95.917	0.96	14718	2.18

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 284nm
 Mobile Phase: 0.05M NaH₂PO₄, adjust pH to 3.0 with H₃PO₄/acetonitrile=80/20
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl



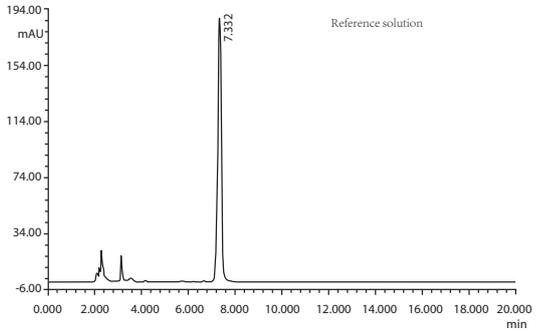
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	Honokiol	18.648	2890	110377	24.829	1.07	5378	0.00
2	Magnolol	29.965	6742	334171.8	75.171	1.02	8244	9.68



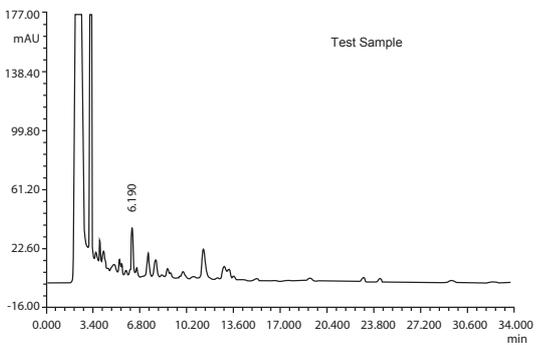
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	18.682	4117	127012.6	127012.6	1.03	8271	0.00
2	30.115	1762	1762	83473.1	0.86	9115	10.98

Column: Welch Ultisil™ LP-C18, 3µm, 4.6×100mm
 Wavelength: 294nm
 Mobile Phase: Methanol/acetonitrile/water=40/20/40
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

0.5% Matrine



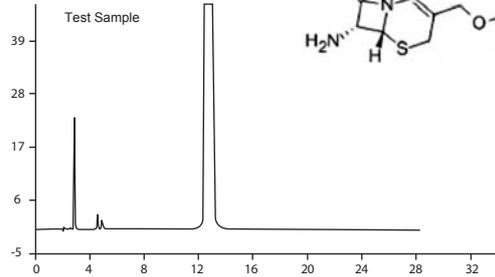
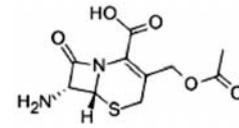
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	Resolution
1	7.332	188.43	1835.187	100.000	0.99	16457	0.00



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	Resolution
1		6.190	29.90	249.455	17.354	0.86	15203	0.00
2		6.532	4.35	29.416	2.046	0.92	21471	1.80
3	matrine	7.373	14.71	140.570	9.779	0.86	16261	4.11
4		7.898	11.10	133.632	9.296	0.93	11634	2.00

Column: Welch Ultisil™ XB-NH2, 5µm, 4.6×250mm
 Mobile Phase: 0.02MOL/L sodium dihydrogen phosphate/ acetonitrile =20/80
 Wavelength: 210nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 10µl

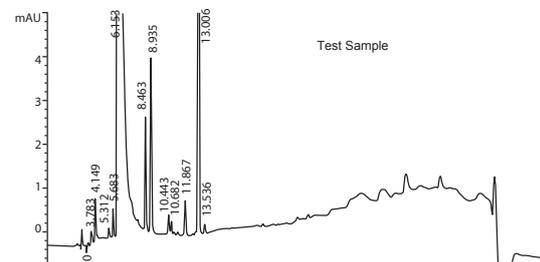
7- aminocephaloSporanic Acid



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Resolution	Tailing Factor
1	2.875	2.30	9.186	1.632	11718	0.00	1.30
2	4.565	0.31	2.007	0.357	11428	12.20	0.72
3	4.882	0.18	1.169	0.208	12745	1.84	0.82
4	12.542	24.91	550.671	97.804	7259	20.11	2.01

Column: Welch Ultisil™ LP-C8, 5µm, 4.6×250mm
 Wavelength: 254nm
 Mobile Phase: 0.01mol/L NaAc buffer solution, pH 4.20
 Temperature: ambient24°C
 Flow Rate: 1.5ml/min
 Injection volume: 20µl

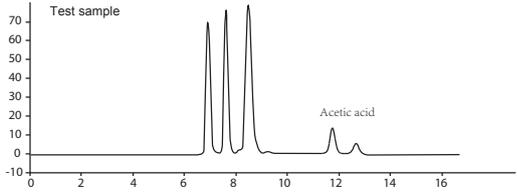
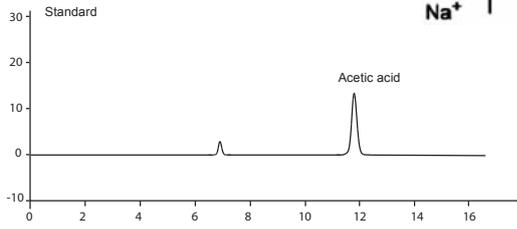
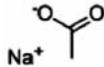
9-[2-(Phosphonomethoxy)propyl]adenine (PMPA)



RetTime [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	Resolution	Selectivity
4.419	5.84166	9.47049e-1	0.99	0.0967	10211	1.53	1.10
5.312	1.19642	2.11807e-1	1.02	0.0887	19894	7.73	1.20
5.683	3.73005	6.42727e-1	0.93	0.0892	22507	2.46	1.07
6.153	2.04576e4	3136.10107	0.86	0.0991	21345	2.93	1.08
8.463	18.44044	2.59946	0.99	0.1100	32759	12.98	1.38
8.935	27.15708	3.98097	1.00	0.1038	41084	2.59	1.06
10.443	3.72716	4.47514e-1	1.10	0.1267	37659	7.69	1.17
10.682	1.97258	2.99825e-1	1.04	0.1033	59216	1.22	1.02
11.867	6.58042	8.05296e-1	0.99	0.1217	52702	6.19	1.11
13.006	106.86306	14.81963	0.98	0.1104	76841	5.77	1.10
13.536	1.61812	2.23170e-1	1.00	0.1111	82228	2.81	1.04

Column: Welch Xtimate® C18, 5µm, 4.6×250mm
 Wavelength: 260nm
 Mobile Phase: A: 0.1M NH₄OAc(pH3.8, adjust with HAC)
 B: Methano/acetonitrile=70 /30, A/B=95/5 (0min) 50/50 (30min, 35min) , 95/5 (35.01min, 45min)
 Temperature: 30 C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

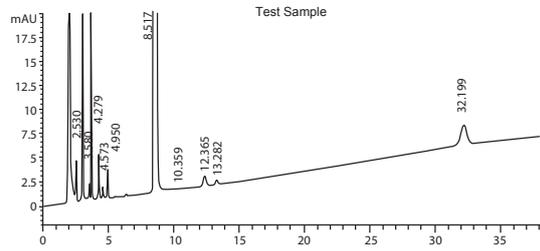
Sodium Acetate



Ret Time [min]	Symm.	Height [min]	Plates	Resolution	Sampe
11.127	0.92	0.2233	13751	-	
11.821	0.89	0.2367	13819	1.77	Acetic acid
12.661	0.95	0.2528	13895	2.02	

Column: Welch Xtimate® Sugar-H, 8µm, 7.8×250mm
 Wavelength: 210nm
 Mobile Phase: water(pH2.1,adjust with H₂SO₄)
 Temperature: 60 C
 Flowrate: 0.6ml/min
 Injection Volume: 10µl

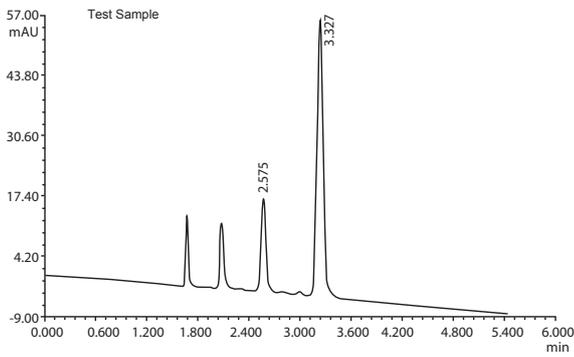
Acetyl-L-Carnitine



Ret Time (min)	Area (mAU*s)	Height (mAU)	Symm.	Height (min)	Plates	R	Selectivity
2.530	18.35606	3.99793	0.95	0.0650	8394	-	-
3.580	6.40048	1.68228	1.11	0.0681	15262	9.26	1.41
4.279	22.01193	4.66229	0.96	0.0733	18843	5.81	1.20
4.573	6.11465	1.22931	0.81	0.0733	21517	2.36	1.07
4.950	15.66071	2.97958	0.93	0.0810	20716	2.87	1.08
8.517	4003.02295	366.39502	0.43	0.1701	13884	16.69	1.72
10.359	1.80626	1.293833-1	1.20	0.2684	8261	4.96	1.22
12.365	14.84189	1.04417	0.94	0.2133	18607	4.89	1.19
13.282	5.81090	4.08702e-1	0.94	0.2222	19795	2.47	1.07
32.199	69.71235	2.01577	1.04	0.5367	19940	29.29	2.42

Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6×250mm
 Mobile Phase: buffer solution/acetonitrile=30/70
 Wavelength: 205nm 210nm
 Temperature: 20 C
 Flow rate: 1.0ml/min
 Injection Volume: 10µl

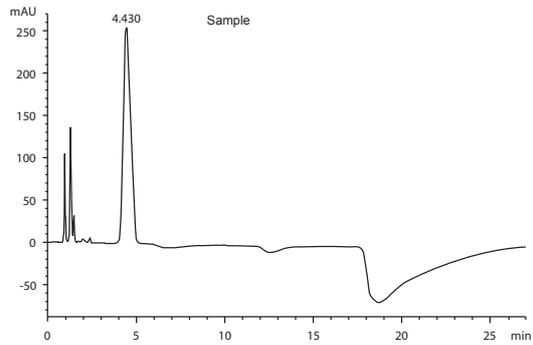
Acetylcysteine and Acetyltyrosine



ID	Samples	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	Resolution
1	N-Acetyl-L-Cysteine	2.575	2067	8032.0	20.730	1.04	9905	0.00
2	N-acetyl-L-tyrosine	3.327	6.056	30713.8	79.270	1.13	9187	5.55

Column: Welch Ultisil™ XB-SCX-II, 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: pH3.0 dilute sulphuric acid
 Temperature: 30 C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

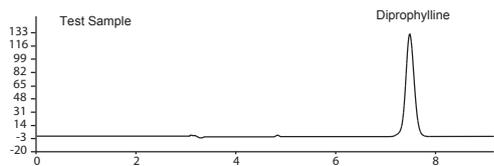
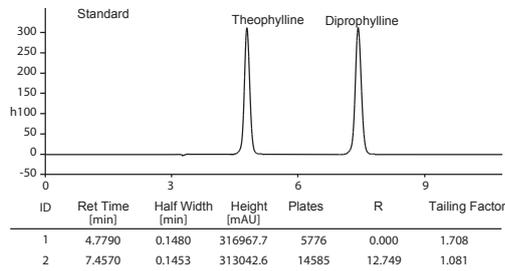
N-acetyl Glucosamine



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
4.430	7104.12207	256.60196	0.78	1.4367	570

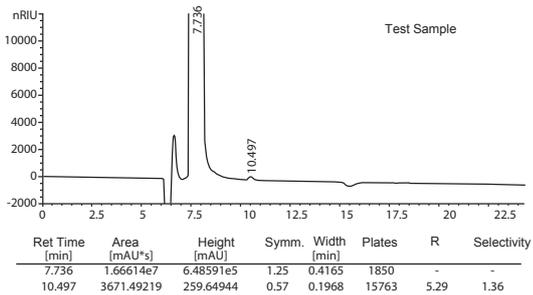
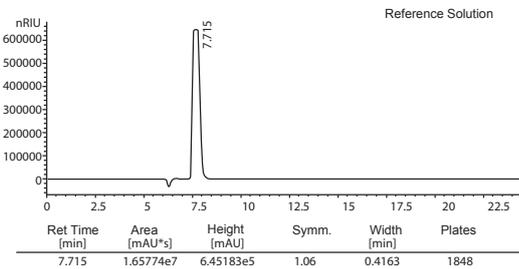
Column: Welch Ultisil™ XB-NH₂, 3µm, 4.6×150mm
 Wavelength: 195nm
 Mobile Phase: acetonitrile/buffer solution=75/25
 Temperature: 35 C
 Flow Rate: 1.5ml/min
 Injection Volume: 10µl

Diprophylline



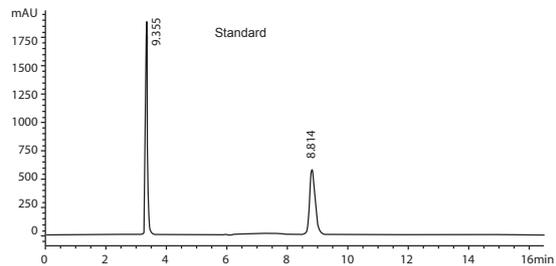
Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Mobile Phase: phosphate monobasic solution (monopotassium phosphate 1.0g, dilute with water to 1000mL / methanol= 72/28
 Wavelength: 254nm
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl
 Temperature: ambient

Oral Glucose

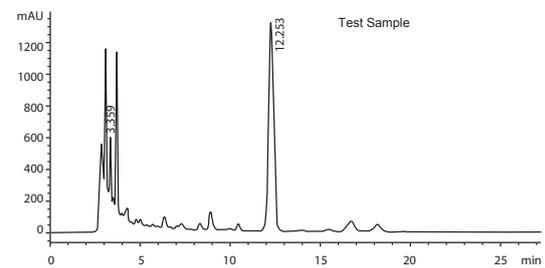


Column: Welch Xtimate® Sugar-H, 5µm, 7.8×300mm
 Detector: RID
 Mobile Phase: 0.01 mol/L sulphuric acid
 Temperature: 80°C, detector temperature: 55°C
 Flow Rate: 0.7ml/min
 Injection Volume: 20µl
 Notes: be sensitive to injection volume and sample dissolve solution

Chlorpheniramine Maleate



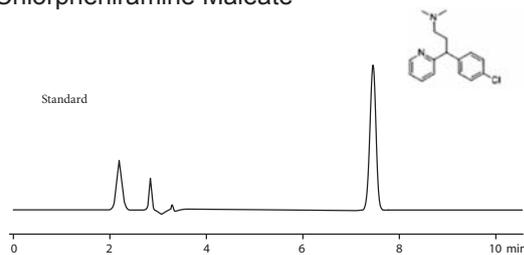
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
3.359	2953.13232	466.47589	1.19	0.0867	8327	-	-
8.317	486.49472	40.14436	0.92	0.1883	10803	21.18	2.48



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
3.359	2953.13232	466.47589	1.19	0.0867	8327	-	-
8.317	486.49472	40.14436	0.92	0.1883	10803	21.18	2.48

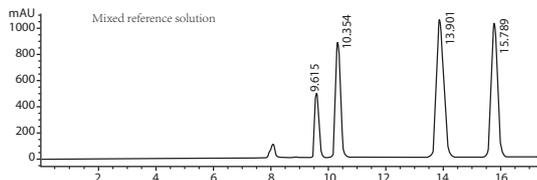
Column: Welch Ultisil™ Polar-RP, 5µm, 4.6 × 250mm
 Mobile Phase: phosphate buffer (pH3.1) /methanol=53/47
 Wavelength: 217nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 10µl

Chlorpheniramine Maleate

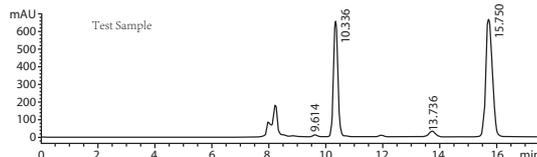


Column: Welch Ultisil™ XB-C18, 5µm, 4.6 × 250mm 261nm
 Wavelength: (acetonitrile: phosphate buffer=25/75)/
 Mobile Phase: triethylamine=100/2 (after mixed, adjust pH to 3.84 with phosphoric acid)
 Phosphat buffer preparation: ammonium dihydrogen phosphate 11.5g dissolve in 1000ml water, stir.
 Temperature: Ambient 28°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

L(-)-malic Acid



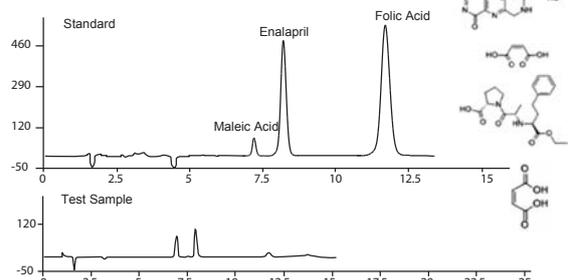
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	Resolution	Selectivity
9.615	4825.20752	491.94690	0.83	0.1517	22265	-	-
10.354	9509.71094	876.74360	0.84	0.1683	20964	2.71	1.08
13.901	1.68607e4	1041.35315	0.89	0.2517	16904	9.93	1.34
15.789	1.59779e4	1020.75024	0.86	0.2450	23006	4.47	1.14



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	Resolution	Selectivity
9.614	104.77009	10.71243	0.79	0.1500	22764	5.07	1.16
10.336	6907.90625	650.38281	0.85	0.1663	21398	2.68	1.08
13.736	503.77805	32.41177	0.88	0.2433	17651	4.75	1.15
15.750	1.03885e4	664.98230	0.87	0.2442	23.57	4.86	1.15

Column: Welch Xtimate® Sugar-H, 5µm, 7.8×300mm
 Mobile Phase: H₂SO₄ water solution (pH 为 2.0)
 Wavelength: RID
 Temperature: 60°C
 Flow Rate: 0.5ml/min
 Injection Volume: 20µl
 Notes: (column temperature is important to resolution)

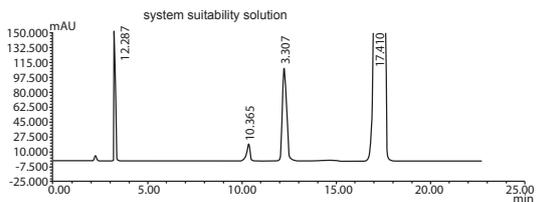
Enalapril Maleate-Folate Tablets



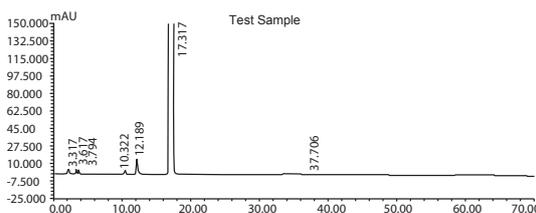
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	Resolution
1	Maleic Acid	4.428	7.31	60.443	31.952	6473	1.17	0.00
2	Enalapril	5.448	10.21	94.239	49.818	7859	1.14	4.38
3	Folic Acid	11.735	1.67	34.484	18.230	7250	1.07	15.77

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×150mm
 Wavelength: 215nm
 Mobile Phase: Acetonitrile /40mmol/L dipotassium phosphate (contain 10mmol/L Hexadecyl trimethyl ammonium Bromide, adjust pH to 7.5 with phosphoric acid)= 40/60
 Temperature: 60°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Potassium Aspartate



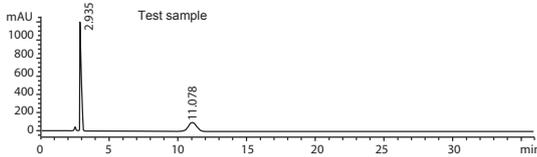
ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	C	Peak Type	Plates	Resolution	Tailing Factor
1	3.307	0.068	306956.9	1382540.1	4.9180	49180	12975	18.868	1.171
2	10.365	0.174	17942.7	203084.1	0.7224	0.7224	19658	34.292	0.965
3	12.287	0.239	107536.7	1662847.6	5.9152	5.9152	14641	5.505	1.095
4	17.410	0.388	1021165.5	24863144.5	88.4444	88.4444	11154	9.626	0.753



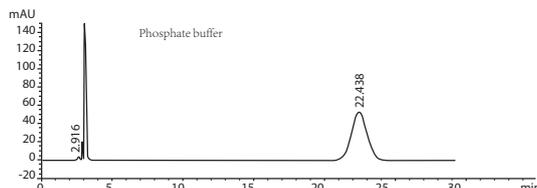
ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area% [mAU*s]%	C	Plates	Resolution	Tailing Factor
1	3.317	0.069	2647.3	12032.1	0.0440	0.0440	12927	0.000	1.159
2	3.617	0.067	2302.1	10269.2	0.0375	0.0375	16148	2.607	0.998
3	3.794	0.068	937.3	4057.8	0.148	0.148	17419	1.548	1.045
4	10.322	0.169	21100	23014.5	0.0841	0.0841	20586	32.431	0.940
5	12.189	0.244	12513.1	199010.0	0.7270	0.7270	13863	5.323	1.014
6	17.317	0.396	1092619.6	27086673.0	98.9437	98.9437	10576	9.433	0.760
7	37.706	0.615	922.2	40775.8	0.1489	0.1489	18604	33.594	0.770

Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6×250mm
 Mobile Phase: Phosphate buffer/acetonitrile=40/60
 Wavelength: 205nm
 Temperature: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 5µl

Enalapril Maleate Tablets



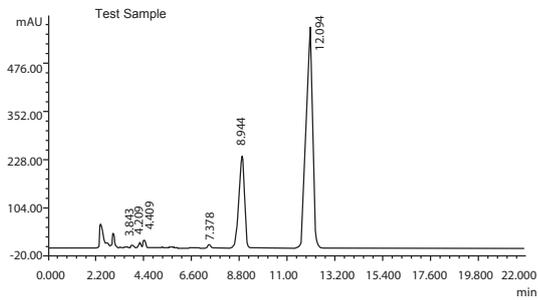
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	Resolution	Selectivity
2.935	4915.28027	1198.69043	0.85	0.0632	11929	2.71	1.16
11.078	4142.72852	100.83810	0.86	0.6400	1659	13.61	3.77



Ret time [min]	Area [mAU*s]	Height [mAU]	Symm.	Height [min]	Plates	Resolution	Selectivity
2.916	75.90641	19.92475	0.86	0.0590	13533	1.51	1.06
22.438	4186.86084	52.97862	0.89	1.2300	1843	3.14	1.25

Column: Welch Xtimate® C8, 5µm, 4.6×250mm
 Mobile Phase: Phosphate buffer/acetonitrile=75/25
 Wavelength: 215nm
 Temperature: 50°C
 Flow rate: 1ml/min
 Injection Volume: 20µl
 Notes: Be sensitive to injection volume and sample dissolve solvent

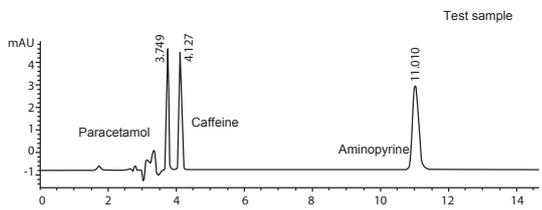
Ornithine Aspartate



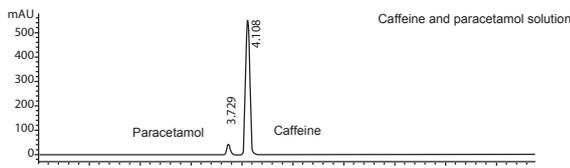
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	Resolution
1	3.834	668	6756.3	0.776	1.65	3241	0.00
2	4.209	1556	11682.7	1.807	0.85	7087	1.60
3	4.409	2059	15560.2	2.391	1.72	7676	1.00
4	7.378	868	9811.6	1.008	0.93	9610	11.82
5	8.944	23818	429477.6	27.655	0.83	5549	4.01
6	12.094	57158	1114078.2	66.365	0.91	8684	6.30

Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6 × 250mm
 Wavelength: 200nm
 Mobile Phase: 0.05mol/l dipotassium phosphate/acetonitrile=50/50
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Pediatric Paracetamol



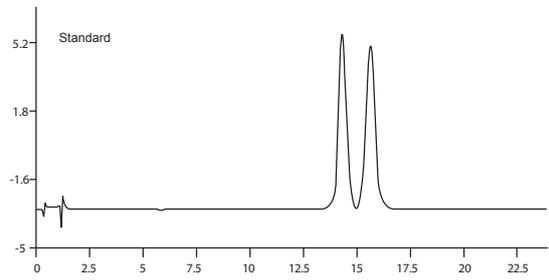
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	Resolution	Selectivity
3.749	24.46354	5.41880	0.91	0.0683	16684	-	-
4.127	25.39475	5.20417	0.93	0.0742	17151	3.12	1.10
11.010	46.18096	3.72776	0.90	0.1883	18933	30.81	2.67



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	Resolution	Selectivity
3.279	210.80228	44.89020	0.90	0.0744	13943	-	-
4.108	2854.10083	552.36035	0.91	0.0792	14902	2.90	1.10

Column: Welch Ultisil™ XB-C18, 5µm, 4.6 × 250mm
 Mobile Phase: Methanol/acetonitrile/water=11/23/66
 Wavelength: 273nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Notes: be sensitive to injection volume and sample dissolve solvent

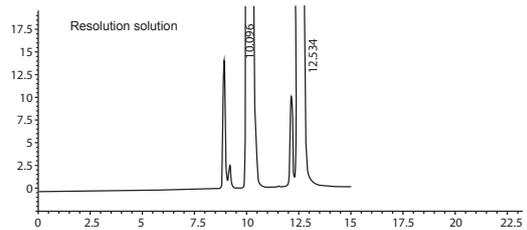
Beraprost Sodium



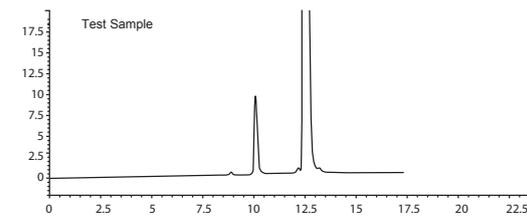
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Resolution	Tailing Factor
1	14.345	538	14896.3	49.731	6055	0.00	1.02
2	15.652	498	15057.2	50.269	6044	1.69	1.01

Column: Welch Ultisil™ XB-C18, 3µm, 4.6 × 150mm
 Wavelength: 285nm
 Mobile Phase: Methanol/water/glacial acetic acid=60/40/0.1
 Temperature: 40°C
 Flow Rate: 0.7ml/min
 Injection Volume: 20µl

Biapenem Polymer



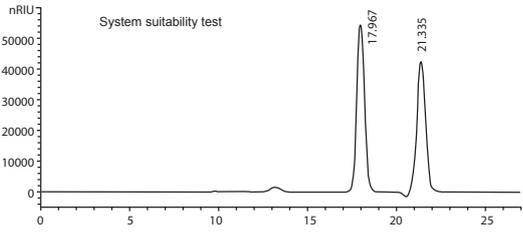
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	Resolution	Selectivity
10.096	2856.60254	294.29773	0.98	0.1296	33635	-	-
12.534	2.73802e4	3004.91040	0.91	0.1417	43334	10.56	0.24



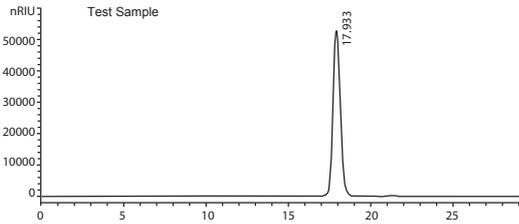
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	Resolution	Selectivity
8.912	2.46286	3.37403e-1	1.10	0.1053	39681	-	-
10.153	82.38194	9.17790	1.15	0.1317	32952	6.15	1.14
12.188	7.64200	6.95395e-1	1.72	0.1915	22442	7.40	1.20
12.535	2.42610e4	2855.64648	0.94	0.1321	49893	1.26	1.03
13.199	10.98160	6.02769e-1	0.29	0.1987	24428	2.36	1.05

Column: Welch Xtimate® SEC-120, 3µm, 78 × 300mm
 Mobile Phase: Buffer Solution/acetonitrile=90/10
 Wavelength: 293nm
 Temperature: 25°C
 Flow Rate: 0.8ml/min
 Injection Volume: 20µl
 Notes: Samples should be newly prepared before injection

Mannitol



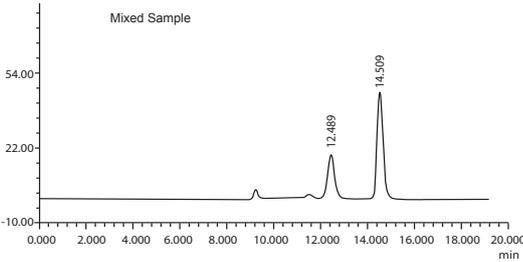
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	Resolution	Selectivity
17.967	1.62632e6	5.46762e4	0.95	0.4637	8314	-	-
21.335	1.60507e6	4.34427e4	0.94	0.5616	7994	3.86	1.19



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
17.933	1.58520e7	5.26208e5	0.90	0.4724	7986

Column: Welch Xtimate® Sugar-Ca, 8µm, 78×300mm
 Detector: RID
 Mobile Phase: Pure water
 Temperature: 40°C, Detector temperature: 40°C
 Flow Rate: 0.5ml/min
 Injection Volume: 20µl

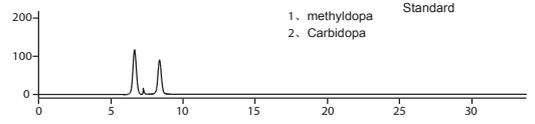
Glyceraldehyde and Dioxycetone



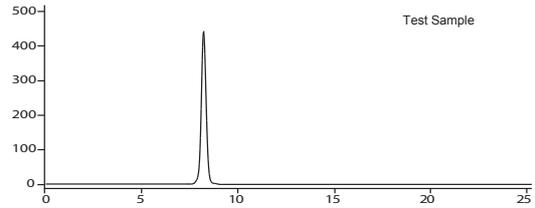
ID	Samples	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Resolution	Tailing Factor
1	Glyceraldehyde	12.489	1.87	38.694	30.294	8217	1.82	0.89
2	Dioxycetone	14.509	4.61	77.510	60.683	16811	1.01	1.35

Column: Welch Xtimate® SUGAR-H, 8µm, 78×300mm
 Wavelength: 210nm
 Mobile Phase: Sulfuric acid water solution (0.6ml concentrated sulfuric acid, add water to 1000mL)
 Temperature: 60°C
 Mobile Phase: 0.5ml/min
 Injection Volume: 20µl

Carbidopa Tablets



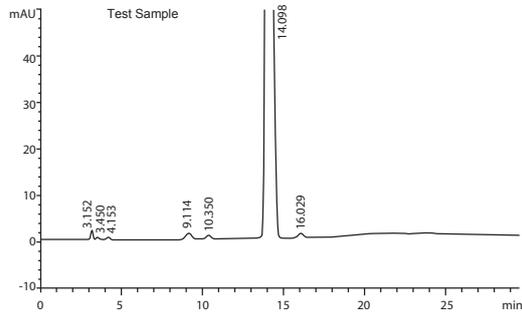
ID	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Plates	Resolution	Tailing Factor
1	6.416	2431526	49.290	200848	5758.126	6.540	1.299
2	7.993	2499467	50.667	166722	5776.434	4.157	1.333



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	Height [mAU]%
1	6.650	10356	897	0.157	0.203
2	8.254	6572955	440829	99.843	99.797

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 280nm
 Mobile Phase: Ethanol/0.05M sodium dihydrogen phosphate (adjust pH2.7 with phosphoric acid)=5/95
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Capecitabine



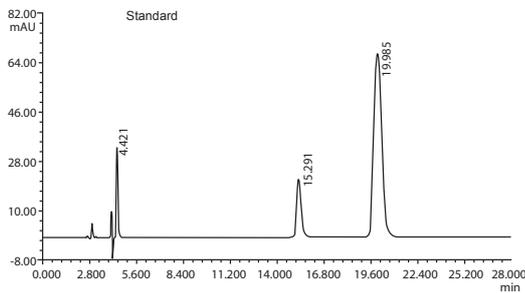
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	Resolution	Selectivity
3.152	17.32186	2.02681	0.94	0.1367	2956	-	-
3.450	5.10729	5.13580e-1	0.81	0.1553	2733	1.19	1.09
4.153	6.62899	5.59668e-1	0.89	0.1850	2792	2.43	1.20
9.114	29.96329	1.27750	0.93	0.3700	3361	10.50	2.19
10.350	12.47992	5.53850e-1	0.93	0.3567	4665	2.00	1.14
14.098	1.01862e4	479.25049	0.93	0.3324	9966	6.39	1.36
16.029	18.17171	9.10868e-1	0.97	0.3200	13902	3.48	1.14

Column: Welch Ultisil™ Polar-RP, 5µm, 4.6 × 250mm

Mobile Phase	T/min	A:CH ₃ CN/CH ₃ OH/ 0.1%HAC=5/35/60	B:CH ₃ CN/CH ₃ OH/ 0.1%HAC=5/80/15
		0	100
5	100	0	
20	49	51	
30	49	51	

Wavelength: 250nm
 Temperature: 50°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

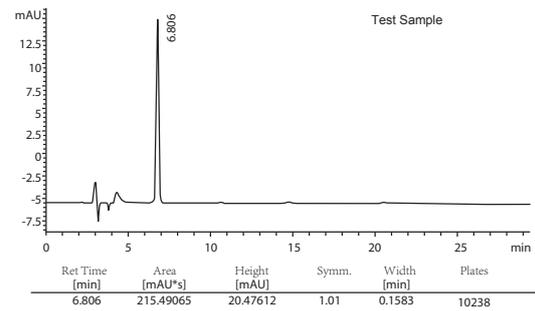
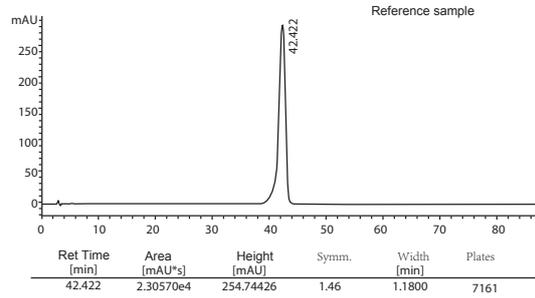
Pidotimid



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Resolution	Plates	Tailing Factor	Sample
1	4.421	3243	17688.1	26.897	5.13	0.00	14822	1.59	A
2	15.291	2162	40771.6	17.931	17.73	33.57	14831	1.63	D
3	19.985	6652	203099.0	55.171	28.70	7.14	9664	1.38	F

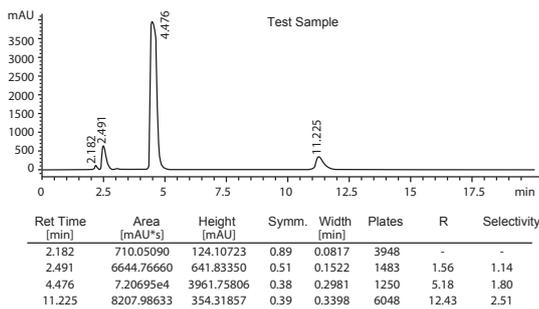
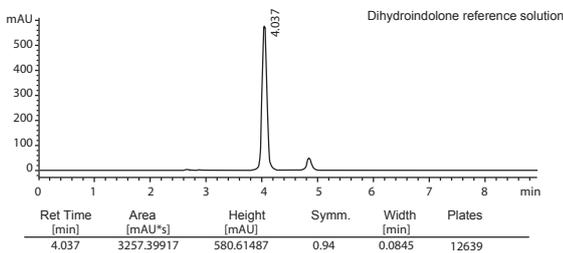
Column: Welch Ultisil™ Hilic-NH₂, 5µm, 4.6 × 250mm
 Welch Ultisil™ AQ-C18, 5µm, 4.6 × 50mm
 Mobile Phase: 0.01mol/L ammonium dihydrogen phosphate (pH 3.0, adjust with phosphoric acid) / acetonitrile=90/10
 Wavelength: 210nm
 Temperature: 40°C
 Flow Rate: 1ml/min
 Injection Volume: 10µl
 Notes: Be sensitive to injection volume and sample dissolve solvent

Diclofenac Sodium Enteric-coated Tablets



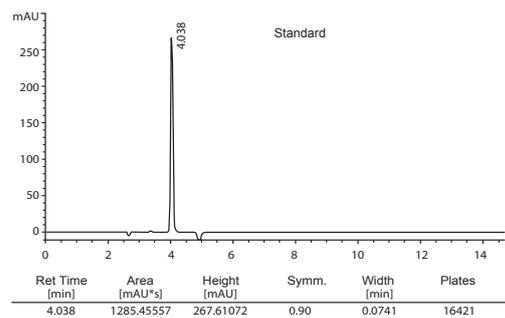
Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Mobile Phase: Methanol/0.12% glacial acetic acid=60/40
 Wavelength: 240nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Notes: Be sensitive to injection volume and sample dissolve solvent

Diclofenac



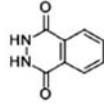
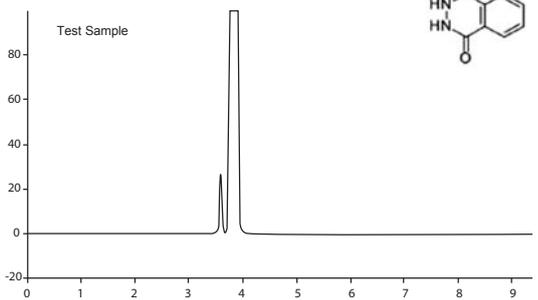
Column: Welch Ultisil™ F-C8, 5µm, 4.6×250mm
 Mobile Phase: 0.15% potassium dihydrogen phosphate water solution (pH 3.2, adjust with phosphoric acid)/methanol=44/56
 Wavelength: 229nm
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Dicyandiamide



Column: Welch Ultisil™ Polar-RP, 5µm, 4.6×250mm
 Mobile Phase: 10Mmol/L ammonium acetate (pH 4.0)
 Wavelength: 220nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Notes: Be sensitive to injection volume and sample dissolve solvent

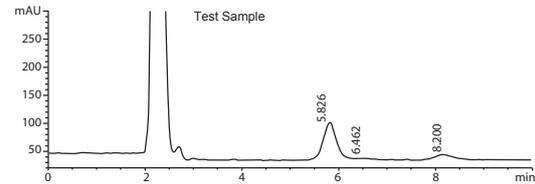
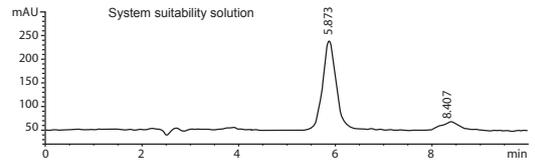
Phthalhydrazide



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
3.594	83.34846	26.59177	0.93	0.0483	30693	-	-
3.834	6777.74854	1554.76001	1.01	0.0670	18157	2.44	1.07

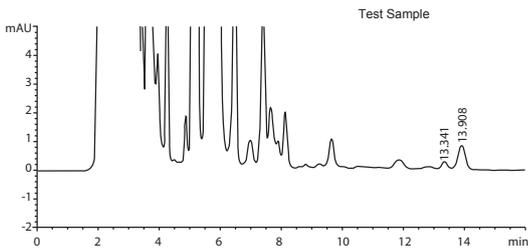
Column: Welch Ultisil™ XB-C8, 5µm, 4.6×250mm
 Wavelength: 273nm
 Mobile Phase: 0.02M dipotassium phosphate(pH 3.5, adjust with phosphoric acid)/acetonitrile=70/30
 Temperature: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Medium and Long Chain Fat Eemulsion Injection

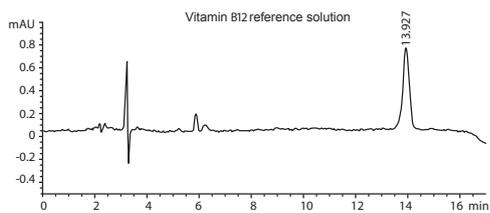


Column: Welch Topsisil® Silica, 5µm, 4.6 × 250mm
 Detector: Sexde 80 ELSD
 Drift tube temperature: 45°C
 Evaporation tube temperature (N/A)
 Carrier gas flow rate: 0.2MPa
 Mobile Phase: Methanol/glacial acetic acid (500/10) pH 6.0 adjust with triethylamine
 Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Water Soluble Vitamin



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
13.341	3.02583	2.32136e-1	0.94	0.2067	23082	-	-
13.908	13.36595	8.16084e-1	0.95	0.2600	15849	1.43	1.04

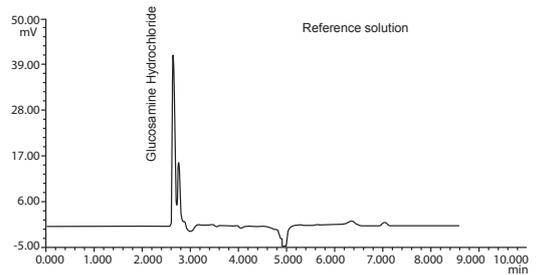


Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
13.927	12.33685	7.08754e-1	1.05	0.2667	15110

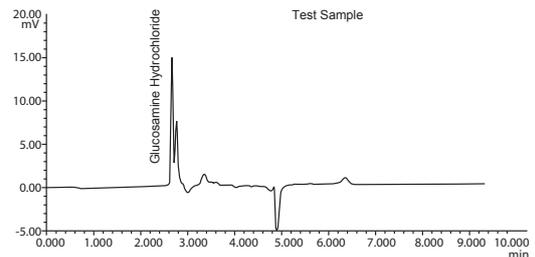
Column: Welch Ultisil™ AQ-C18, 5µm, 4.6 × 250mm
 Wavelength: 360nm
 Temperature: 40°C
 Injection Volume: 20µl
 Mobile Phase: Gradient programme

Time (min)	Mobile A(%)	Mobile B(%)	Flow Rate (ml/min)
0	100	0	1.2
13	100	0	1.2
28	0	100	1.5
38	100	0	1.2

Glucosamine Hydrochloride in Zhongyuan Capsule



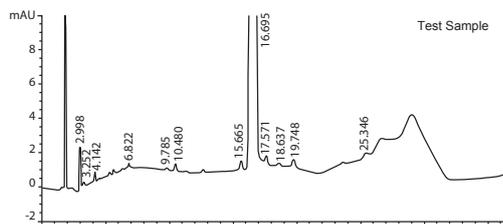
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	C	Tailing Factor
1	Glucosamine Hydrochloride	2.650	39.29	134.936	72.675	13429	0.00	1.44
2	Glucosamine Hydrochloride	2.758	14.89	50.734	27.325	14783	1.19	1.75



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	Glucosamine Hydrochloride	2.655	1.49	5.081	66.173	13670	0.00	0.92
2	Glucosamine Hydrochloride	2.758	0.75	2.598	33.827	14269	1.13	2.25

Column: Welch Ultisil™ LP-C18, 5µm, 4.6 × 250mm
 Wavelength: 195nm
 Mobile Phase: Acetonitrile/0.006% sodium octane sulfonate/ 10% triethylamine=9/90/1
 Temperature: 30 °C
 Flow Rate: 0.8ml/min
 Injection Volume: 10µl

Allitinib AST-1306



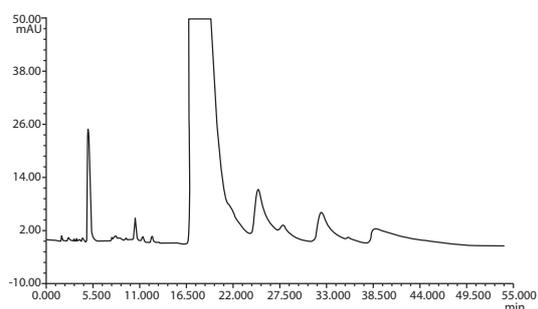
ID	Ret time [min]	Width [min]	Area [mAU*s]	Symm.	Plates	R
1	2.998	0.0851	14.79674	0.88	7462	-
2	3.252	0.1199	2.35404	0.76	1829	1.15
3	4.142	0.0806	2.73398	0.89	13857	3.99
4	6.822	0.1433	2.71697	0.93	17915	15.52
5	9.785	0.1425	1.32365	0.99	26424	13.30
6	10.480	0.1717	4.86414	0.91	21642	2.64
7	15.665	0.2144	6.44458	1.20	29406	15.89
8	16.695	0.2163	1.79543e4	0.00	25611	2.63
9	17.571	0.2790	9.18688	1.11	20813	1.93
10	18.637	0.3030	2.99080	1.14	23784	2.19
11	19.748	0.2597	7.5045	0.97	28008	2.32
12	25.346	0.1459	1.84851	1.55	104191	14.22

Column: Welch Ultisil™ AQ-C18, 3µm, 4.6×150mm
 Mobile Phase: Buffer solution/acetonitrile

Time (min)	Mobile Phase A(%)	Mobile PhaseB(%)
0	55	45
5	50	50
10	50	50
15	48	52
20	48	52
25	40	60
30	55	45
40	55	45

Wavelength: 244nm Temperature: 20°C
 Flow Rate: 1.0ml/min Injection Volume: 10µl

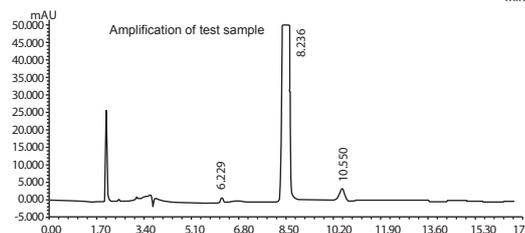
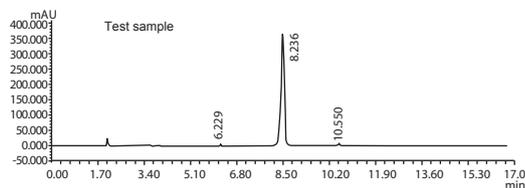
1,2-propenyl-phosphonic Acid



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates
1	5.065	2519	44036.0	1.407	0.05	1893
2	9.382	42	390.7	0.012	0.87	22943
3	10.502	490	7014.9	0.224	0.83	12138
4	11.352	100	1422.5	0.045	0.81	14364
5	12.492	133	2237.6	0.072	0.89	12435
6	17.005	29125	2783757.0	88.969	11.63	714
7	24.965	1175	119021.3	3.804	1.71	1370
8	27.825	372	33880.2	1.083	3.15	2105
9	32.338	640	65110.9	2.081	1.92	2279
10	35.565	94	6402.9	0.025	2.18	6149
11	38.785	321	65641.4	2.098	4.45	810

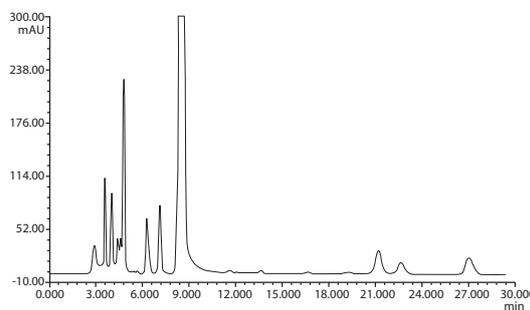
Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: 80Mmol/L sodium dihydrogen phosphate/phosphoric acid=1000/1.5
 Temperature: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Cysteine



ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area C(%) [mAU*s]%	Plates	R	Tailing Factor
1	6.229	0.103	1367.5	9065.0	0.2597	20393	0.000	1.326
2	8.236	0.147	359024.0	3436060.4	98.4316	18594	0.000	0.920
3	10.550	0.222	3228.5	45683.7	1.3087	12473	6.416	0.809

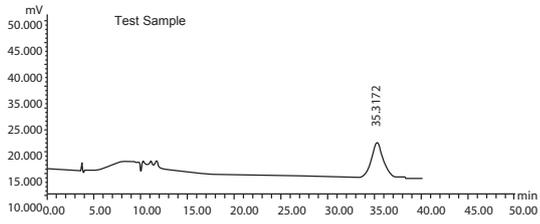
Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Mobile Phase: Acetonitrile/phosphate buffer=7/93
 Wavelength: 200nm
 Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates
1	3.595	9195	62214.4	1.669	0.76	6368
2	4.028	9355	66454.2	1.783	0.73	7254
3	4.832	21977	218583.6	5.864	1.15	5323
4	6.268	6454	83571.8	2.242	1.41	5286
5	7.088	8015	86879.6	2.331	0.98	9645
6	8.596	159275	2853655.6	76.559	1.22	5191
7	11.588	536	16857.4	0.452	0.79	3062
8	13.595	633	26906.2	0.722	1.13	2307
9	15.315	935	70496.8	1.891	0.95	931
10	19.178	300	11747.8	0.315	1.35	5410
12	21.592	2829	95019.3	2.549	0.88	8889
13	26.922	2048	84844.5	2.276	0.84	8906

Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6 × 250mm
 Wavelength: 210nm
 Mobile Phase: 80Mmol/L potassium dihydrogen phosphate/acetonitrile/triethylamine (adjust pH to 2.16 with phosphonic acid) =60/40/1
 Temperature: 25°C
 Flow rate: 1.0ml/min
 Injection Volume: 20µl

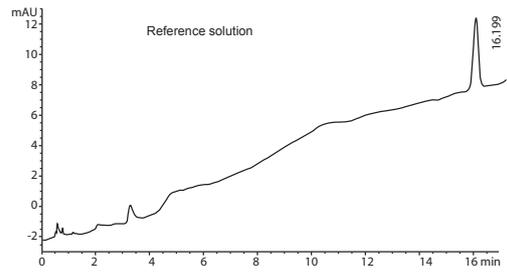
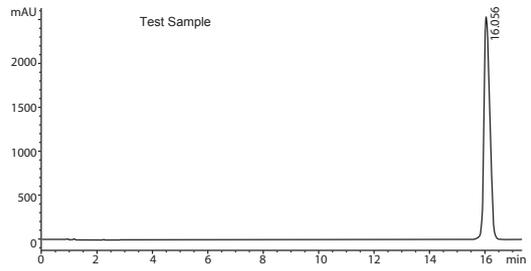
N-(2)-L-alanyl-L-glutamine



ID	Ret time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]%	C	Plates	R	Tailing Factor
1	35.3172	1.5043	8033.7	780191.3	100.000	100.0000	3052	0.000	1.085

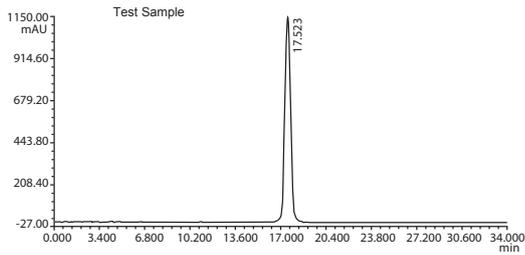
Column: Welch Xtimate® SUGAR-H, 8µm, 300 × 7.8mm
 Mobile Phase: 0.005mol/L sulfuric solution
 Wavelength: 215nm
 Temperature: Ambient
 Flow Rate: 0.3ml/min

Ibuprofen

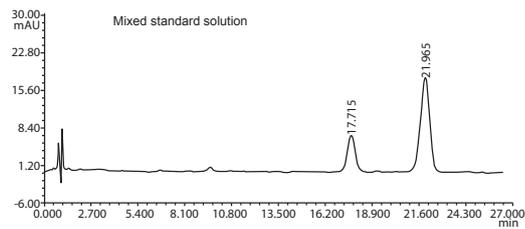


Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Wavelength: 214nm
 Mobile Phase: A: acetonitrile/water/phosphate acid=340/660/0.5
 Phase: B: acetonitrile, % B=0 (0min), 25 (25min), 85 (55-70min)
 Temperature: 40°C
 Flow Rate: 2.0ml/min
 Injection Volume: 20µl

Ibuprofen



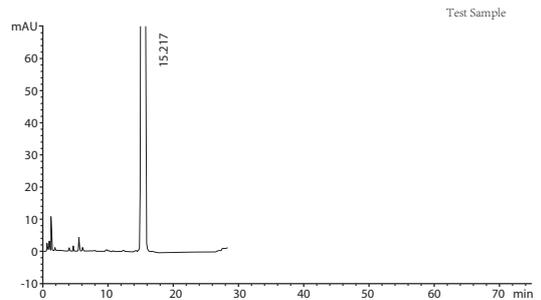
ID	ret Time [min]	Height [mAU]	C	Plates	R	Tailing Factor
1	17.523	1133.86	100.000	8297	0.00	1.01



ID	Samples	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	ibuprofen	17.715	7.10	718.266	24.356	0.98	7490	0.00
2	4 - isobutyl ketone	18.06	677.872	75.644	0.89	7725	4.67	

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6 × 150mm
 Mobile Phase: Acetonitrile/0.01mol/L phosphate acid=40/60
 Wavelength: 220nm
 Temperature: 30°C
 Flow Rate: 2ml/min
 Injection Volume: 10µl

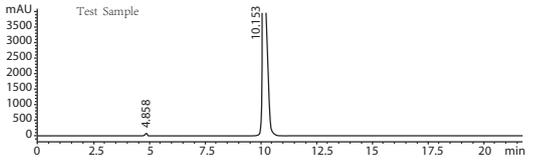
Method 2、HPLC condition



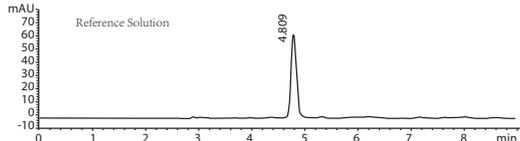
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
15.217	4.32256e4	1905.79626	0.62	0.3509	10416

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×150mm
 Wavelength: 214nm
 Mobile Phase: A: acetonitrile/water/phosphate acid=390/610/0.5
 Phase: B: acetonitrile%B=0(0-25min), 85 (55-70min)
 Temperature: 40°C
 Flow Rate: 2.0ml/min
 Injection Volume: 20µl

Acetaminophen



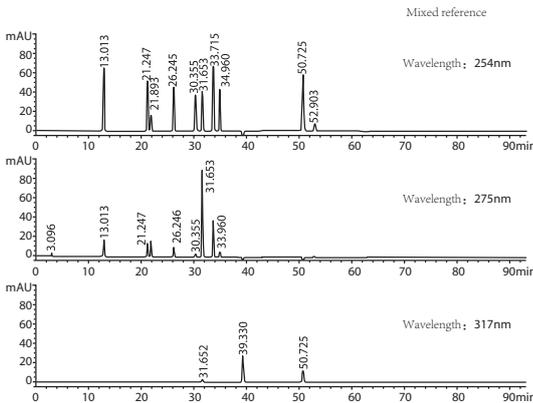
Ret Time [min]	Signal	C	Symm.	Height [mAU]	Plates	R	Selectivity
4.858	1	1.00000	0.90	0.1098	10850	-	p-aminophenol
10.153	1	20.00000	0.59	0.2904	6773	15.55	Acetaminophen



Ret Time [min]	Signal	C	Symm.	Width [min]	Plates	Selectivity
4.809	1	100.00000	0.90	0.1178	9240	p-aminophenol

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 257nm
 Mobile Phase: 0.05M ammonium acetate/methanol=85/15
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Acetaminophen Injection

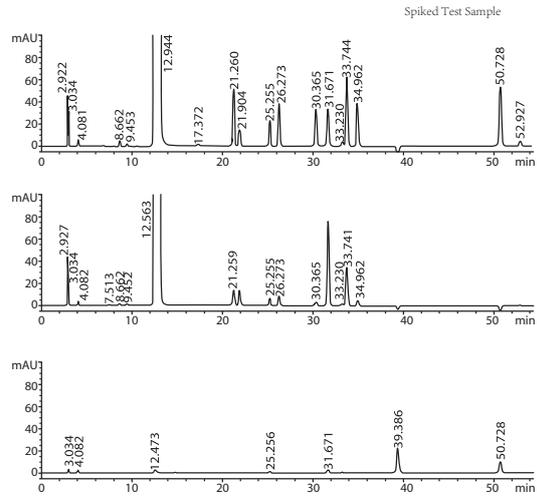


Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
13.013	821.09570	65.53840	1.03	0.1909	25725	-	-
21.247	696.10956	52.20809	1.02	0.2067	58541	24.33	1.63
21.893	237.13678	16.22456	1.03	0.2244	52702	1.76	1.03
26.245	642.12384	45.12587	1.01	0.2178	80455	11.57	1.20
30.355	624.04260	37.90752	1.02	0.2533	79554	10.25	1.16
31.653	600.70288	39.61186	1.01	0.2333	101937	3.13	1.04
33.715	1010.86017	67.59433	1.00	0.2311	117919	5.22	1.07
34.960	612.32855	43.24562	1.01	0.2178	142747	3.26	1.04
50.725	1106.94788	58.45433	0.99	0.2912	168098	36.40	1.45
52.903	99.10779	5.57710	1.01	0.2178	142747	3.26	1.04

Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
3.096	12.11891	3.24868	0.93	0.0585	15524	-	-
13.013	21562831	17.28643	1.02	0.1911	25678	46.68	4.20
21.247	188.32819	14.11793	1.02	0.2050	59496	24.42	1.63
26.246	143.00404	10.05744	1.02	0.2178	80455	11.57	1.20
30.355	57.50138	3.49943	1.01	0.2533	79554	10.25	1.16
31.653	1359.65906	89.62179	1.01	0.2338	101500	3.13	1.04
33.960	73.18949	5.15988	1.01	0.2178	142747	3.26	1.04

Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
31.652	49.57829	3.26835	1.01	0.2333	101937	-	-
39.330	527.40808	27.36939	0.99	0.2967	97374	17.02	1.24
50.725	224.31628	11.86421	0.99	0.2900	169491	22.82	1.29

Acetaminophen Injection



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
2.922	189.85880	47.96209	0.95	0.0633	11802	-	-
3.034	137.32190	32.03400	0.88	0.0685	10885	1.00	1.04
4.081	39.62782	5.93899	1.34	0.0907	11232	7.72	1.34
8.662	46.63435	4.96684	1.05	0.1450	19772	22.84	2.12
9.453	25.51650	2.33888	1.08	0.1683	17481	2.96	1.09
12.944	1.52176e5	3478.01465	3.25	0.7209	1786	4.61	1.37
17.372	24.34255	1.88828	1.04	0.2022	40871	5.64	1.34
21.260	692.16205	51.97408	1.03	0.2075	58143	11.15	1.22
21.904	212.61884	14.51041	1.02	0.2310	49791	1.73	1.03
25.255	291.28250	23.38927	0.97	0.1913	96567	9.32	1.15
26.273	546.67712	38.45365	1.02	0.2215	77994	2.90	1.04
30.365	559.65552	33.75089	1.03	0.2574	77075	10.04	1.16
31.671	515.09558	33.27479	1.04	0.2399	96528	3.08	1.04
33.230	59.56525	4.49147	1.05	0.2093	139596	4.08	1.05
33.744	989.56525	61.92327	0.93	0.2496	101271	1.32	1.02
34.962	548.87274	38.72294	1.02	0.2211	138566	3.04	1.04
50.728	987.06427	52.11175	0.99	0.2962	162512	35.81	1.45
52.927	83.21710	4.63110	1.02	0.2800	197963	4.48	1.04

Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
2.927	172.54375	44.10298	1.1	0.0621	12319	-	-
3.034	8735.480	20.35860	0.85	0.0698	10490	0.95	1.04
4.082	24.16069	4.22160	1.07	0.0838	13164	8.02	1.35
7.513	9.58675	1.24256	1.00	0.1200	21732	19.79	1.84
8.662	18.27877	1.97067	1.05	0.1451	19757	5.09	1.15
9.452	22.40103	1.78871	1.37	0.1719	16734	2.93	1.09
12.563	187.53180	14.06820	1.03	0.2057	59171	13.64	1.69
21.259	216.09402	14.78129	1.02	0.2267	51728	1.75	1.03
25.255	85.11652	6.85886	0.97	0.1889	99042	9.48	1.15
26.273	122.59546	8.58657	1.01	0.2178	80648	2.94	1.04
30.365	55.09676	3.12445	1.11	0.2600	75551	10.06	1.16
33.230	24.29778	1.81023	1.06	0.2093	139596	4.11	1.05
33.741	533.18152	34.44310	0.97	0.2391	110365	1.34	1.02
34.962	65.06173	4.60821	1.01	0.2178	142787	3.14	1.04

Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
3.034	11.03515	2.17364	1.00	0.0771	8580	-	-
4.082	12.35018	2.13069	1.11	0.0844	12974	7.62	1.35
12.473	63.70002	2.69938	0.17	0.3840	5848	21.05	3.06
25.256	14.20508	1.05029	0.83	0.1956	92404	25.92	2.02
31.671	42.72658	2.76472	1.02	0.0356	100137	17.48	1.25
39.386	428.60287	22.23962	0.99	0.2989	96190	16.96	1.24
50.728	199.62958	10.55628	0.99	0.2907	168679	22.60	1.29

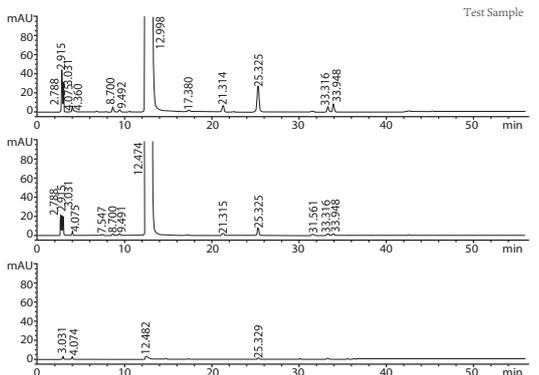
Column: Welch Ultisil™ XB-C18, 5µm, 4.6 × 250mm
 Mobile Phase: A: methanol/water/ acetic acid=50/950/1
 B: methanol/water/ acetic acid=500 /500/1

Gradient Programme:

Time (min)	Mobile Phase A(%)	Mobile Phase B(%)
0	82	18
8	82	18
53	0	100
58	0	100
59	82	18
73	82	18

Wavelength: 254nm, 275nm, 317nm
 Temperature: 40°C
 Flow Rate: 0.9ml/min
 Injection Volume: 20µl

Acetaminophen Injection

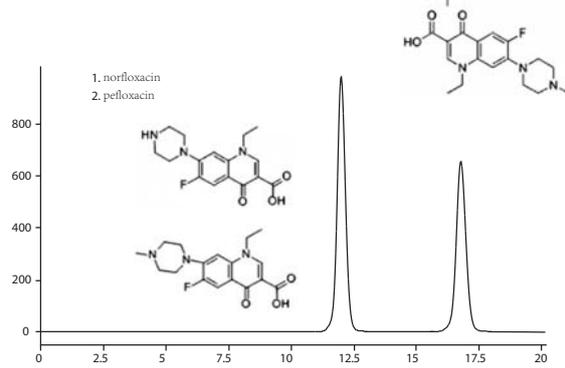


Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
2.788	18.85324	5.17311	1.28	0.0600	11972	-	-
2.915	171.84508	45.113118	0.91	0.0608	12728	1.23	1.05
3.031	145.02003	30.62413	0.77	0.0740	9283	1.02	1.04
4.075	31.63961	6.03088	0.94	0.0807	14124	7.93	1.34
4.360	14.78904	1.34468	0.88	0.1750	3443	1.31	1.07
8.700	51.84723	5.53064	1.03	0.1447	20030	15.95	2.00
9.492	29.77348	2.66660	1.01	0.1689	17489	2.96	1.09
12.998	1.57160e5	3389.45801	3.54	0.7634	1607	4.42	1.37
17.380	26.83389	2.05290	1.08	0.2000	41848	5.34	1.34
21.314	86.87460	6.54485	1.03	0.2089	57688	11.31	1.23
25.325	241.35648	27.75572	1.00	0.1901	98312	11.81	1.19
33.316	80.07303	5.92552	1.03	0.2053	145879	23.75	1.32
33.948	113.66004	8.77957	1.06	0.1960	166128	1.85	1.02

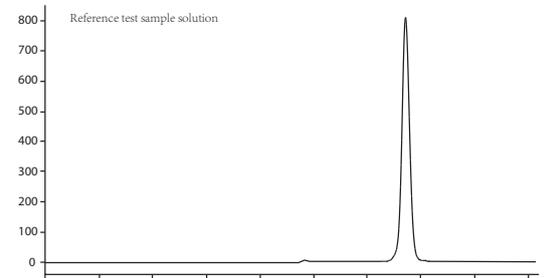
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
2.788	80.49915	20.69834	1.16	0.0646	10323	-	-
2.915	74.19319	20.33508	0.88	0.0592	13433	1.21	1.05
3.031	87.19319	20.33508	0.76	0.0727	9627	1.04	1.04
4.075	24.40772	4.66738	0.93	0.0800	14380	8.03	1.34
7.547	11.21447	1.40226	0.94	0.1217	21329	20.23	1.85
8.700	20.07793	2.17918	1.02	0.1440	20231	5.10	1.15
9.491	24.11814	1.98766	1.27	0.1711	17038	2.95	1.09
12.474	1.24005e5	3459.85229	0.12	0.5910	2463	4.60	1.31
21.315	23.63628	1.77808	1.04	0.2089	57688	12.98	1.71
25.325	99.89615	8.13171	1.01	0.1911	97264	11.78	1.19
31.561	17.87605	1.04212	0.96	0.2467	90705	16.74	1.25
33.316	32.33870	2.38582	1.03	0.2083	141675	4.53	1.06
33.948	31.70579	2.40882	1.09	0.2000	159628	1.82	1.02

Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
3.031	10.87967	2.05573	0.79	0.0800	7943	-	-
4.074	13.04093	2.38984	0.99	0.0829	13405	7.53	1.34
12.482	77.26308	3.09156	0.16	0.4067	5220	20.18	3.06
25.329	16.73034	1.30694	0.98	0.1978	90865	24.97	2.03

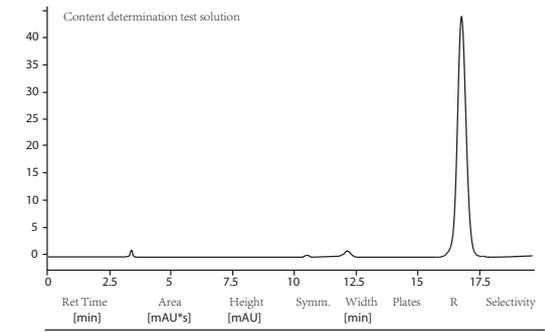
Pefloxacin Mesylate



Ret time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	Resolution	Selectivity
12.009	1.81316e4	968.98816	0.90	0.2817	10070	6.44	1.46
16.814	1.64303e4	655.95111	1.18	0.3798	10856	8.53	1.40

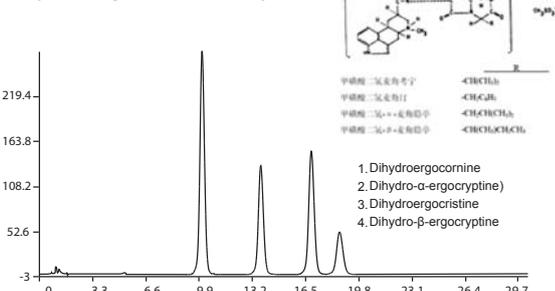


Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
3.283	1.15669	1.94751e-1	0.65	0.0833	8600	-	-
3.765	5.73435	7.66800e-1	0.80	0.1100	6484	2.93	1.15
5.479	5.78243	6.76879e-1	0.97	0.1283	10102	8.45	1.46
8.183	16.01454	8.68482e-1	0.51	0.2400	6441	8.62	1.49
9.814	11.26517	8.08214e-1	1.04	0.2167	11365	4.20	1.20
10.452	23.13409	1.50446	1.06	0.2367	10808	1.65	1.07
12.066	121.05664	6.85443	1.03	0.2600	11933	3.82	1.15
16.781	1.97355e4	809.78162	1.24	0.3708	11345	8.78	1.39



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
16.779	1085.92749	43.93386	0.99	0.3700	11394	8.23	1.38

Dihydroergotamine Mesylate

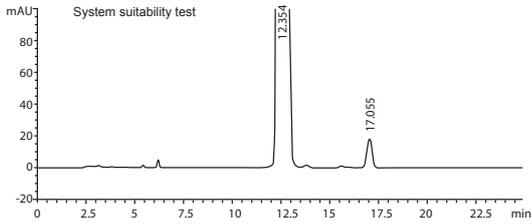


ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor
1	10.173	27380	445717.1	34.492	15.30	0.00	8809	0.77
2	13.817	13703	292028.3	22.599	20.03	7.28	9481	0.79
3	16.918	15352	402742.2	31.167	24.66	4.90	9381	0.77
4	18.658	5347	148492.3	11.491	26.10	2.42	10182	0.83

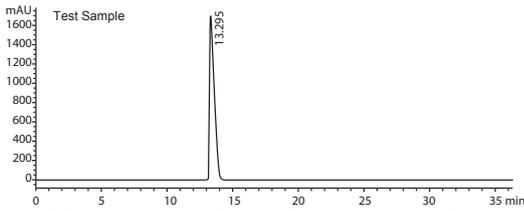
Column: Welch Xtimate® C18, 5µm, 4.6×150mm
 Wavelength: 280nm
 Mobile Phase: acetonitrile/water/triethylamine=40/60/1
 Temperature: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Wavelength: 273nm
 Mobile Phase: 0.04M potassium dihydrogen phosphate / 0.05M Tetrabutylammonium bromide / acetonitrile =80/8/9 (adjust pH to 4.0 with H₃PO₄)
 Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Tropisetron Mesylate



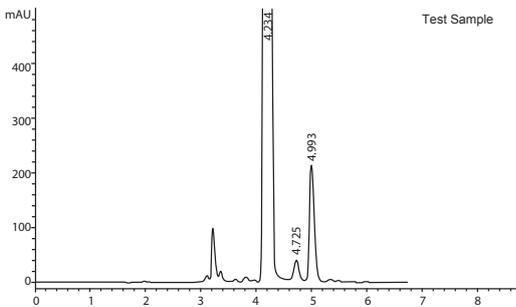
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
12.354	3.73073e4	1692.13599	0.25	0.493	6930	-	-
17.055	321.20322	18.09757	1.05	0.2706	22011	8.91	1.38



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
13.295	4.27714e4	1696.64136	0.22	0.4015	6073

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Mobile Phase: Phosphate buffer (potassium dihydrogen phosphate 6.8g, add water 500ml , add triethylamine 5ml, dilute to 1000ml with water, adjust pH to 3.5 with phosphoric acid) /acetonitrile=80/20
 Wavelength: 284nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl

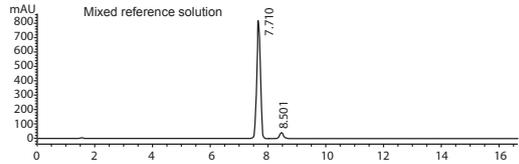
Methylantranilic Acid



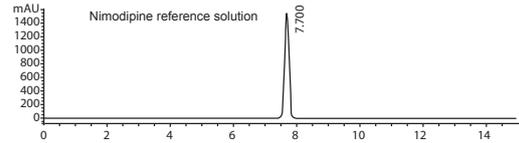
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
4.234	1.06577e4	1097.24487	2.18	0.1618	3796	1.36	1.07
4.725	221.30548	36.05853	0.92	0.0960	13436	2.23	1.12
4.993	1294.15515	209.98126	0.64	0.0975	14537	1.63	1.06

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Mobile Phase: Methanol/1%HAC water solution=75/25
 Wavelength: 254nm
 Temperature: 35°C
 Flow Rate : 1.0ml/min
 Injection Volume: 20µl

Nimodipine



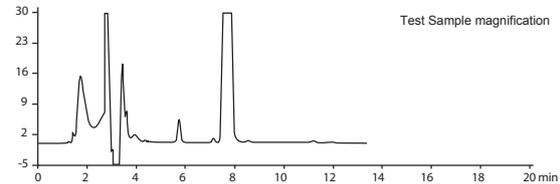
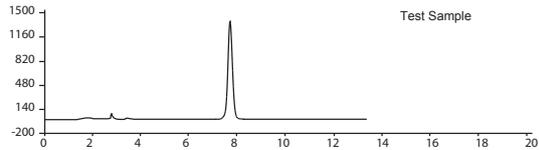
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
7.710	7254.10156	822.64581	1.00	0.1355	17938	-	-
8.501	389.30518	40.90857	1.02	0.1462	18724	3.30	1.10



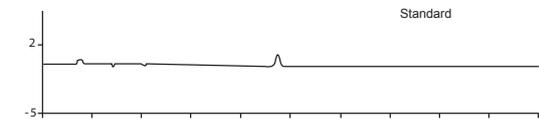
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
7.700	1.35503e4	1534.66638	1.00	0.1356	17866

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Mobile Phase: Methanol/acetonitrile/water=35/38/37
 Wavelength: 235nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl

Nimodipine Injection



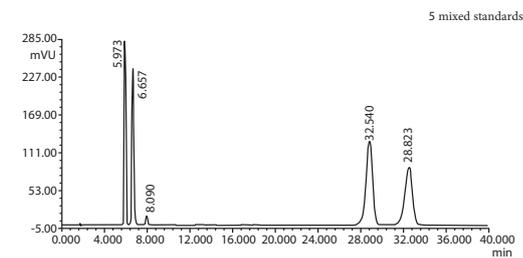
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	5.748	0.53	3.542	0.296	16371	0.00	1.24
2	6.494	0.01	0.104	0.009	17232	3.95	0.92
3	7.155	0.09	0.680	0.057	22082	3.39	0.88
4	7.722	137.49	1192.174	99.525	17887	3.28	0.96
5	8.550	0.05	0.511	0.043	15798	3.29	1.22
6	11.194	0.05	0.573	0.048	20691	9.06	0.99
7	11.927	0.02	0.286	0.024	15692	2.12	0.89



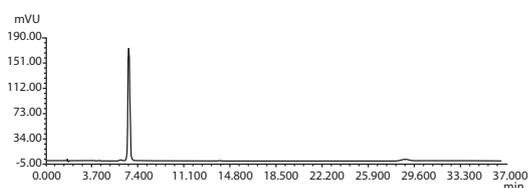
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	7.788	0.11	1.212	100.000	17662	0.00	1.23

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 235nm
 Mobile Phase: Methanol/acetonitrile/water=35/38/27
 Temperature: Ambient 24°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Guanylic Acid and Inosinic Acid



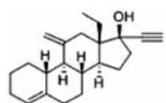
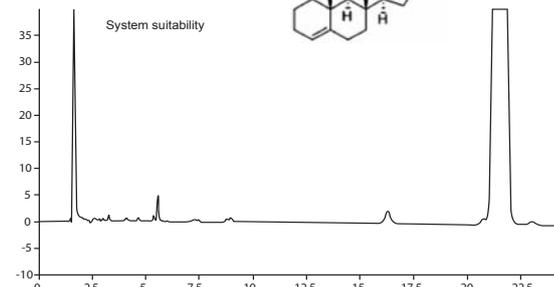
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
3	Guanylic acid	5.973	28393	273223.2	17.797	8691	10.92	1.07
4	Inosinic acid	6.657	24260	266044.3	17.329	8311	2.49	1.06
5	Guanine	8.090	1417	16051.3	1.046	11505	4.83	1.11
6	Inosine	28.823	8832	427522.2	27.848	10193	3.08	0.85
7	Vermine	32.540	8832	427522.2	27.848	10193	3.08	0.85



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	Guanylic acid	6.015	129	1202.3	0.068	9396	0.00	0.93
2	Inosinic acid	6.674	17301	184646.6	93.417	8820	2.47	1.05
3	Guanine	8.074	12	304.2	0.154	2288	2.92	1.16
4	Inosine	28.0865	253	11021.2	5.576	9904	22.66	0.98
5	Vermine	32.549	9	485.3	0.245	8253	2.84	0.93

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×150mm
 Wavelength: 248nm
 Mobile Phase: 0.02mol/ potassium dihydrogen phosphate(pH 4.5 adjust with phosphate acid)
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

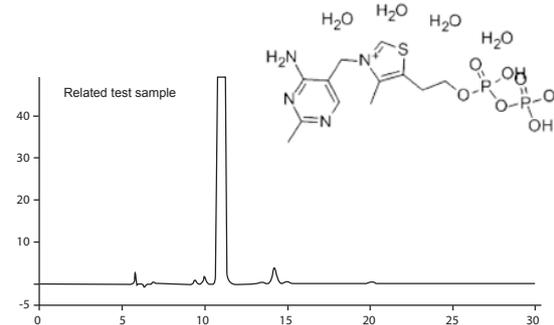
Desogestrel



Retention time of Desogestrel is about 21.5min, peak-to-valley ratio is 0.73/0.08=9.1

Column: Welch Ultisil™ LP-C18, 5µm, 4.6 × 250mm
 Wavelength: 205nm
 Mobile Phase: Water/acetonitrile=25/75
 Temperature: 50°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

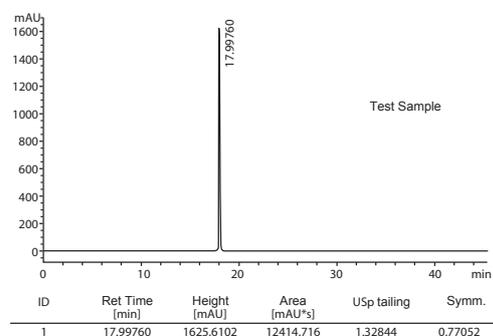
Coccarboxylase Tetrahydrate



ID	Ret Time [min]	Height [mAU]	Area [mAU*min]	Relative Area %	Asymm.	R	Plates
1	6.860	0.364	0.061	0.03	1.20	5.17	9873
2	8.180	0.104	0.015	0.01	0.98	4.50	19232
3	9.400	0.889	0.173	0.08	1.05	1.87	14942
4	9.973	1.769	0.342	0.15	1.11	3.39	16789
5	11.073	1010.981	223.359	99.04	0.77	6.05	16676
6	13.440	0.355	0.097	0.04	1.04	1.75	14822
7	14.207	3.987	1.095	0.49	1.02	1.78	17106
8	14.993	0.468	0.128	0.06	1.06	10.07	17734
9	20.080	0.349	0.121	0.05	1.06	8.35	20409
10	26.147	0.231	0.129	0.06	1.05	n.a.	13646

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6 × 250mm
 Wavelength: 235nm
 Mobile Phase: Methanol/0.2mol/L KH₂PO₄ buffer solution=0.3/99.7
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Tadalafil



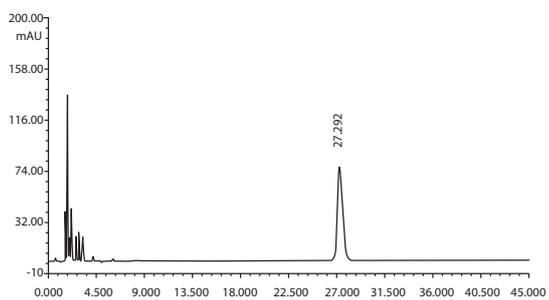
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	USp tailing	Symm.
1	17.99760	1625.6102	12414.716	1.32844	0.77052

Column: Welch Ultisil™ LP-C8, 5µm, 4.6×250mm
 Mobile Phase: A: 1.0ml TcMB, dulite in 1000ml water B: acetonitrile
 Gradient Programme:

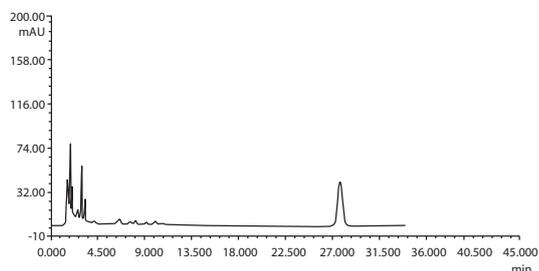
Time (min)	Mobile Phase A(%)	Mobile Phase B(%)
0	85	15
3	85	15
30	5	95
33	5	95

Wavelength: 285nm
 Temperature: 40°C
 Flow Rate: 1ml/min
 Injecton Volume: 20µl
 Notes: After every injection, need 10 column volume to get gradient equilibrium

Tacrolimus

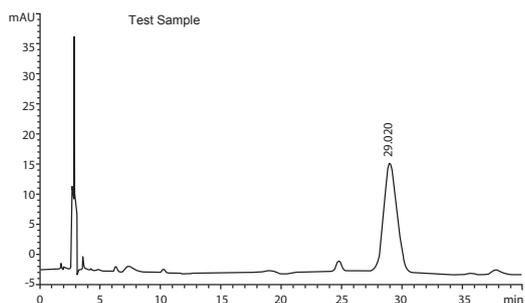


ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor
1	Tacrolimus	27.292	7699	257957.6	100.000	14966	1.08



Column: Welch Ultisil™ Diol, 5µm, 4.6 × 250mm
 Wavelength: 225nm
 Mobile Phase: n-hexane/butyl chloride/acetonitrile = 7/2/1
 Temperature: ambient
 Flow Rate: 1.7ml/min
 Injection Volume: 5µl

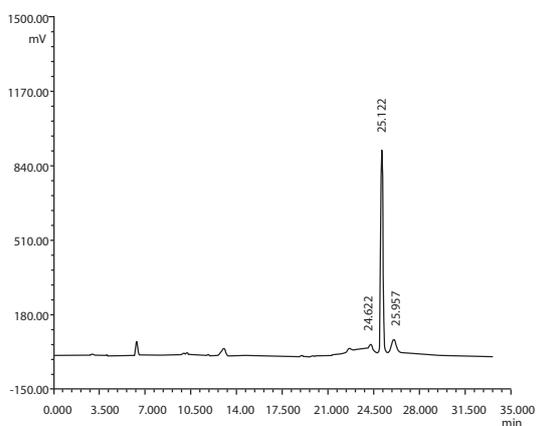
Tacrolimus



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
29.020	1371.29041	18.10773	0.85	1.1433	2569

Column: Welch Ultisil™ XB-C8, 5µm, 4.6×250mm
 Wavelength: 220nm
 Mobile Phase: water/isopropanol=67/33
 Temperature: 50°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Cefalexin



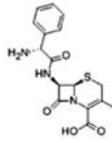
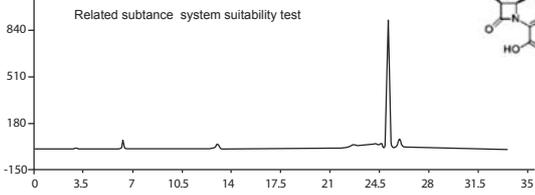
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	24.622	21.90	214.944	1.731	141939	0.86	0.00
2	25.122	905.65	10857.400	87.419	99045	1.01	1.72
3	25.957	59.47	1347.573	10.850	29599	1.43	1.81

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Wavelength: 220nm
 Mobile Phase: A : 0.2mol/L sodium dihydrogen phosphate (NaOH adjust pH 5.0) B : methanol

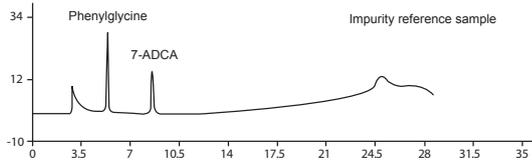
Gradient Programme:	Time (min)	Mobile Phase A(%)	Mobile Phase B(%)
	0	98	2
	1	98	2
	20	70	30
	23	98	2
	30	98	2

Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 5µl

Cefalexin



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	24.622	21.90	214.944	1.731	141939	0.86	0.00
2	25.122	905.65	10857.400	87.419	99045	1.01	1.72
3	25.957	59.47	1347.573	10.850	29599	1.43	1.81



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	5.405	2.81	18.451	53.051	15242	1.00	0.00
2	8.595	1.47	16.328	46.949	13414	1.35	13.52

ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	14.540	1.07	27.698	0.515	7170	0.95	0.00
2	16.185	173.87	5344.093	99.273	6255	1.07	2.19
3	18.284	0.38	11.446	0.213	8224	0.97	2.58

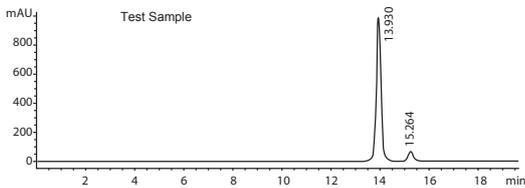
Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Wavelength: 220nm
 Mobile Phase: A: 0.2mol/L sodium dihydrogen phosphate (NaOH adjust pH 5.0) B: methanol

Gradient Program:

Time (min)	A(%)	B(%)
0	98	2
1	98	2
20	70	30
23	98	2
30	98	2

Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 5µl

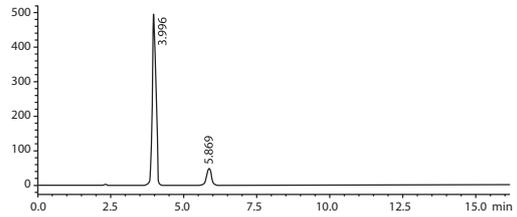
Cefprozil



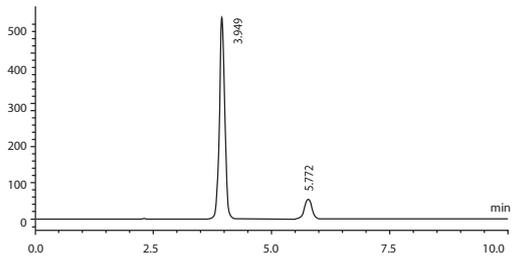
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
13.930	1.36152e4	961.54803	0.85	0.1993	27067	-	-
15.264	975.30328	63.84705	0.78	0.2267	25128	3.68	1.10

Column: Welch Xtimate® SEC-120, 5µm, 78×300mm
 Mobile Phase: 0.1 M disodium phosphate (pH = 7.0)
 Wavelength: 254nm
 Temperature: 25°C
 Flow Rate: 0.8ml/min
 Injection Volume: 5µl

Cefprozil Dissolution Rate



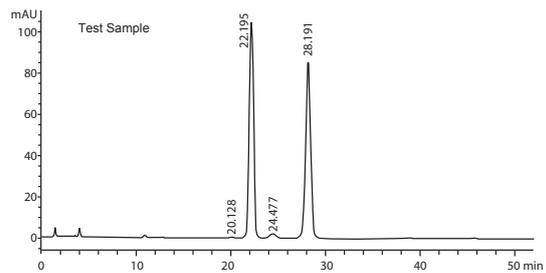
ID	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Height [mAU]%	Tailing factor	R	Plates#
1	3.996	4156764	88.363	494151	91.22	1.009	0.000	4869
2	5.869	547445	11.637	47536	8.78	0.984	6.978	5815



ID	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Height [mAU]%	Tailing factor	R	Plates#
1	3.949	4377630	88.302	527587	91.18	1.015	0.000	4879
2	5.772	579915	11.689	51043	8.82	0.988	6878	5768

Column: Welch Welchrom® C18, 5µm, 4.6×150 mm
 Wavelength: 280nm
 Mobile Phase: ammonium dihydrogen phosphate solution (ammonium dihydrogen phosphate 20.7g, water 1800ml , adjust pH 4.4 with phosphate acid/acetonitrile (90/10)
 Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

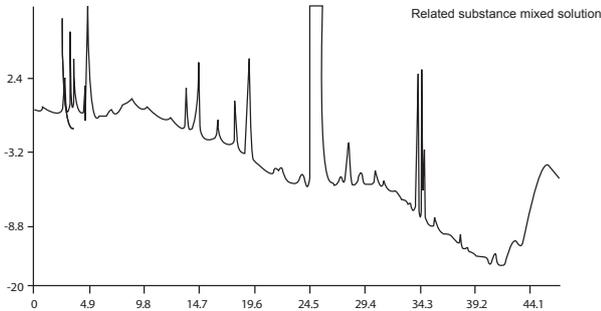
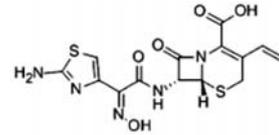
Cefpodoxime Proxetil



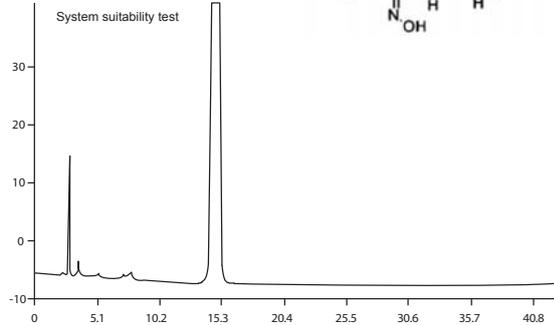
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
20.128	17.11298	5.08677e-1	1.05	0.5100	8628	-	-
22.195	3457.00635	105.04729	1.03	0.5049	10703	2.39	1.10
24.477	98.65954	2.28616	1.25	0.6233	8542	2.38	1.10
28.191	3573.40137	85.30032	1.02	0.6433	10637	3.44	1.15

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×150mm
 Mobile Phase: 240nm
 Wavelength: Methanol/water= 45/55
 Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

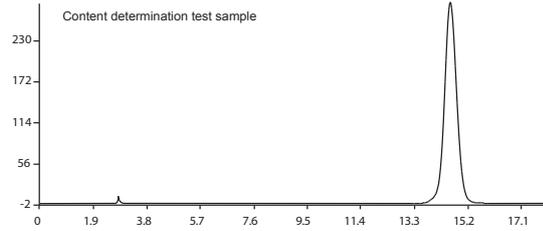
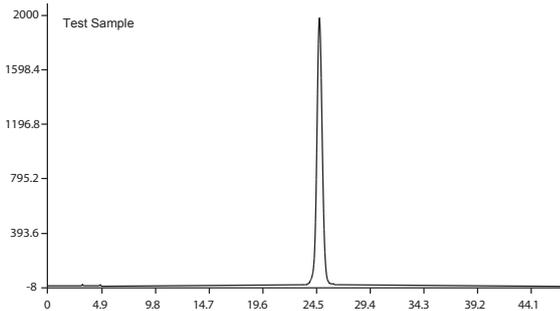
Cefdinir



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	Impurity1	23.789	87	2279.7	0.043	18590	0.00	0.84
2	Cefdinir	24.824	201417	5340708.9	99.907	19770	1.47	2.19
3	Impurity2	27.210	76	1882.9	0.035	27210	3.49	0.77
4	E-isomer	37.929	84	790.6	0.015	366335	23.54	0.88



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	2.842	1740	8901.5	1.268	6961	0.00	1.81
2	3.595	211	2283.1	0.325	2490	3.55	0.91
3	5.165	61	513.1	0.073	8507	6.13	1.00
4	7.222	80	891.8	0.127	9467	7.90	0.63
5	7.559	48	797.6	0.114	4668	0.91	0.77
6	7.892	107	1677.3	0.239	5717	0.78	1.04
7	14.732	25619	687202.3	97.855	6804	12.09	1.04



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor	
1	Cefdinir	14.578	28869	795057.8	100.000	6321	0.00	1.04

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 254nm

Related substance test mobile phase: A: 0.25%TMAH(pH 5.5 adjust with phosphate acid), add 0.4‰ 0.1M disodium edetate

B: 0.25%TMAH(pH 5.5 adjust with phosphate acid)/acetonitrile/methanol=5/3/2, add 0.4‰ 0.1M disodium edetate

Gradient Program:

Time (min)	A(%)	B(%)	Time (min)	A(%)	B(%)
0	95	5	37	50	50
2	95	5	38	95	5
22	75	25	48	95	5
32	50	50			

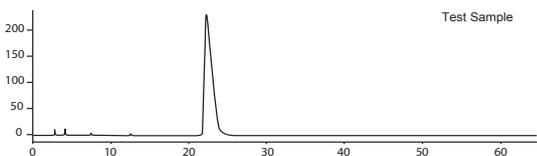
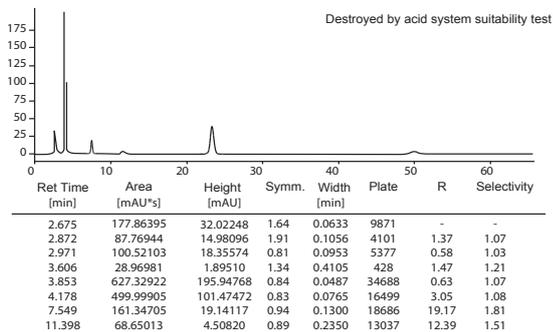
Content determination test mobile phase: .25%TMAH(pH 5.5 adjust with phosphate acid)acetonitrile/methanol=900/60/40, add 0.4‰ 0.1M disodium edetate

Temperature: 40°C

Mobile Phase: 1.0ml/min

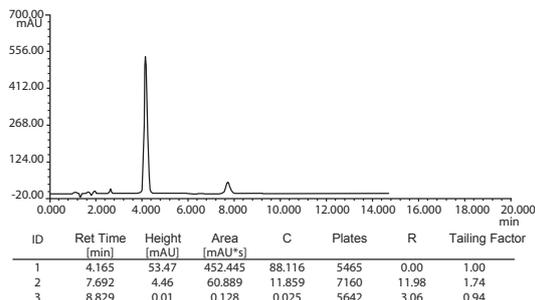
Injection Volume: 20µl

Cefodizime Acid



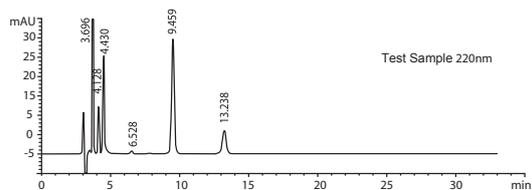
Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Mobile Phase: Phosphate buffer/acetonitrile=92/8
 Wavelength: 215nm
 Flow Rate: 1.0ml/min
 Temperature: 30°C
 Injection Volume: 20µl

Cefradine

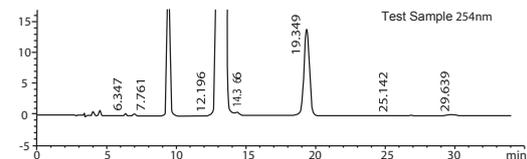


Column: Welch Ultisil™ XB-C18, 5µm, 4.6×150mm
 Wavelength: 206nm
 Mobile Phase: 4.38g sodium octane sulfonate +7.25g Sodium phosphate dibasic dodecahydrate, water 750ml , adjust pH to 8.0 with H₂PO₄ , then add 250ml methanol, filter
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Cefradine



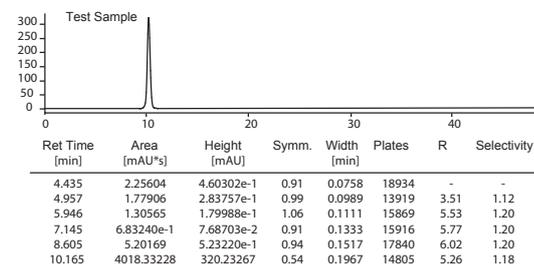
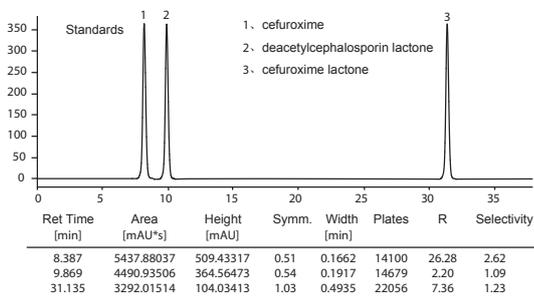
Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Width [min]	Plates	R	Symm.
3.696	307.1	23.0	51.0	0.10	6666	1.51	0.85
4.128	66.7	5.0	12.1	0.09	12586	2.81	0.91
4.430	191.8	14.3	25.1	0.13	9960	1.86	0.58
6.528	5.8	0.4	0.6	0.13	14825	10.69	1.07
9.459	398.5	29.8	29.7	0.21	11534	10.43	0.99
13.238	107.7	8.1	5.9	0.28	11844	8.90	0.99



Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Width [min]	Plates	R	Symm.
3.691	3.6	0.0	0.2	0.19	876	0.96	1.00
4.029	6.1	0.0	0.7	0.12	8031	1.00	0.86
4.461	7.6	0.0	0.9	0.13	9242	2.36	0.92
4.937	0.6	0.0	0.1	0.10	10920	2.54	1.17
5.056	0.6	0.0	0.1	0.10	10715	0.62	0.93
5.315	0.3	0.0	0.0	0.13	7141	1.16	0.81
6.347	4.2	0.0	0.4	0.16	10531	4.13	0.74
6.963	4.6	0.0	0.4	0.20	7130	2.13	0.88
7.761	0.8	0.0	0.0	0.23	2695	1.72	1.86
8.131	0.5	0.0	0.0	0.16	10955	0.81	1.11
9.456	319.4	1.2	23.8	0.21	11876	4.02	0.99
12.196	1.2	0.0	0.1	0.21	13320	7.11	1.06
13.375	26795.1	97.3	1343.4	0.30	10497	2.49	1.88
14.366	14.2	0.1	0.5	0.39	7216	1.65	0.61
19.349	365.5	1.3	14.0	0.41	12783	7.31	1.01
25.142	1.9	0.0	0.1	0.37	15969	7.81	1.43
29.639	6.9	0.0	0.2	0.47	13657	4.96	1.93

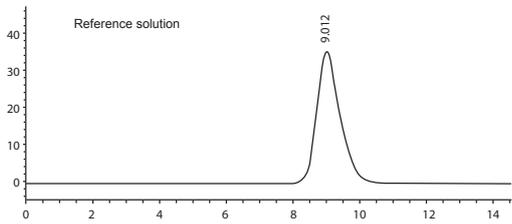
Column: Welch Ultisil™ polar-RP, 5µm, 4.6 × 250mm 254nm
 Wavelength: 220nm
 Mobile Phase: methanol/water/3.86%NaAC solution/4%HAC =400/1564/30/6
 Temperature: Ambient
 Flow Rate: 0.9ml/min
 Injection Volume: 20µl

Cefuroxime Acid

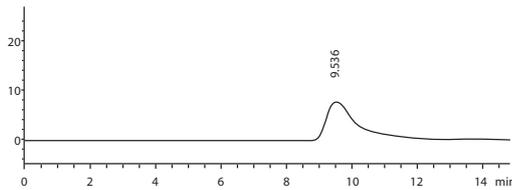


Column: Welch Ultisil™ XB-C18, 5µm, 4.6 × 250mm
 Mobile Phase: pH3.4 acetate buffer solution/acetonitrile=85/15
 Wavelength: 273nm
 Flow Rate: 1.0ml/min
 Temperature: 30°C
 Injection Volume: 20µl

Cefradine Polymer



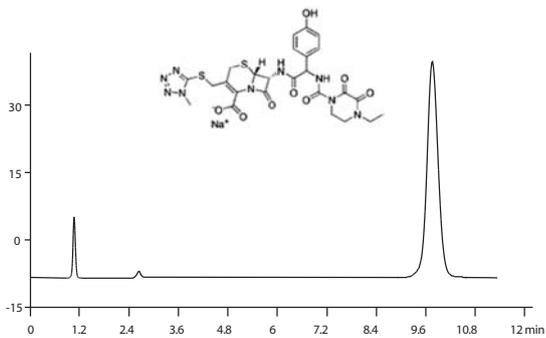
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
9.012	1700.13599	35.58575	0.70	0.7067	901



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
9.536	509.74146	7.17041	0.41	1.0200	4844

Column: Welch Xtimate® G-10, 150×300mm
 Wavelength: 254nm
 Mobile Phase: A: 0.2M disodium hydrogen phosphate/0.2M sodium dihydrogen phosphate =95/5 B: Water
 Temperature: 30°C
 Flow Rate: 1.5ml/min
 Injection Volume: 50µl

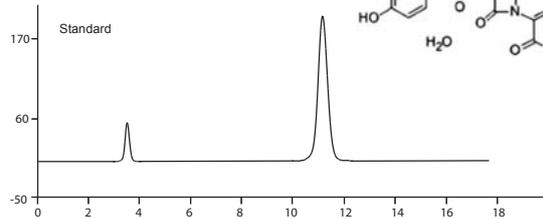
Cefoperazone Sodium



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width	Plates	R	Tailing Factor	Sample
1	9.740	3621	73909.7	100.000	19.19	5136	0.00	1.45	cefoperazone sodium

Column: Welch Ultisil™ BD-C18, 5µm, 4.6×250mm
 Wavelength: 254nm
 Mobile Phase: (Water/acetonitrile/1M HAC/solution A=876/120/2.8/1.2)/acetonitrile=93/7
 Solution A: triethylamine 14ml, glacial acetic acid 5.7m, dilute to 100mL with water
 Temperature: 40°C
 Flow Rate: 2.7ml/min
 Injection Volume: 10µl

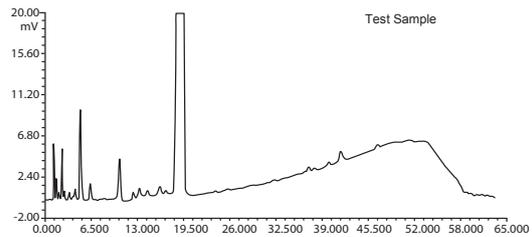
Cefadroxil



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	3.533	6.78	44.894	9.020	6413	0.00	1.69
2	11.260	19.31	452.841	90.980	5200	19.29	0.85

Column: Welch Ultisil™ AQ-18, 5µm, 4.6×150mm
 Wavelength: 230nm
 Mobile Phase: 0.02mol/L potassium dihydrogen phosphate(pH 5.0, with KOH)/ methanol = 97.4/2.6
 Temperature: 35°C
 Flow Rate: 1.2ml/min
 Injection Volume: 10µl

Cefotaxime Acid



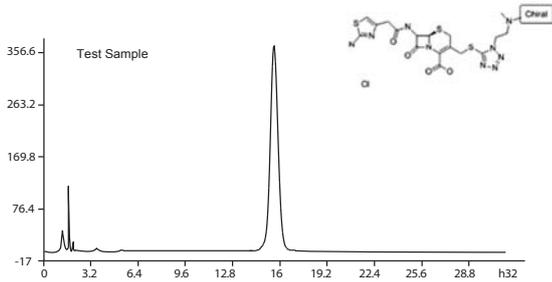
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	1.163	0.59	2.623	0.157	1544	0.00	1.70
2	1.488	0.29	1.175	0.070	3000	2.86	1.74
3	2.375	0.52	2.321	0.139	6461	7.82	0.97
4	4.198	0.12	1.191	0.071	3705	9.25	1.10
5	4.957	0.96	9.701	0.582	5393	2.78	0.84
6	6.346	0.17	2.283	0.137	4805	4.37	0.85
7	10.393	0.44	9.093	0.545	5782	8.87	0.76
8	12.433	0.08	1.014	0.061	20652	4.57	1.03
9	13.261	0.09	1.520	0.091	13911	2.08	0.91
10	16.068	0.08	2.060	0.124	9450	5.05	1.03
11	18.870	58.19	1630.764	97.782	10227	3.98	1.07
12	41.635	0.10	2.973	0.178	47841	30.20	1.06
13	46.813	0.04	1.034	0.062	66720	6.97	0.85

Column: Welch Xtimate® C18, 5µm, 3.9×150mm
 Wavelength: 235nm
 Mobile phase: A: phosphate buffer:anhydrous sodium hydrogen phosphate 71 g, dissolve with 1000mL water, mixed, then adjust pH to 6.25 with phosphate acid B: methanol

Time (min)	A(%)	B(%)
0	86	14
7	86	14
9	82	18
16	82	18
45	60	40
50	60	40
55	86	14
60	86	14

Temperature: Ambient 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

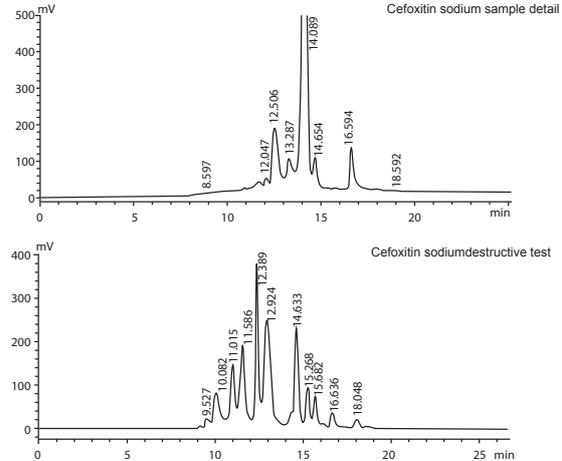
Cefotiam Hydrochloride



ID	Ret Time (min)	Height (mAU)	Area (mAU*s)	C	Tailing Factor	Plates	R
1	3.615	615	4682.8	0.322	0.98	5084	0.00
2	5.295	411	4299.8	0.296	0.82	5778	6.98
3	7.068	197	2810.2	0.194	1.09	5538	5.38
4	10.300	202	4641.6	0.320	0.93	4532	6.52
5	13.111	20	489.6	0.034	1.07	6470	4.45
6	13.870	33	774.8	0.053	0.85	7872	1.19
7	15.526	44243	1432711.1	98.662	1.16	5185	2.23
8	20.321	56	1733.3	0.119	0.94	9723	5.69

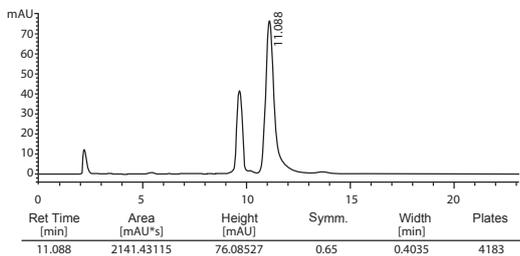
Column: Welch Xtimate® C18, 5µm, 4.0 × 125mm
 Wavelength: 254nm
 Mobile Phase: Acetonitrile/phosphate buffer(0.05mol/L disodium hydrogen phosphate, pH 7.7, adjust with 0.05mol/L potassium dihydrogen phosphatesolution)=12/88
 Temperature: 25°C
 Flow Rate: 0.8ml/min
 Injection Volume: 10µl

Cefoxitin Sodium

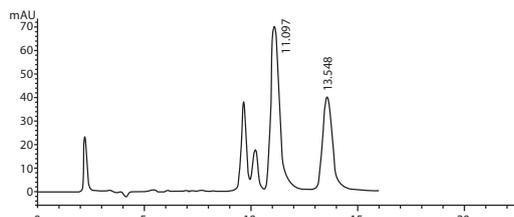


Column: Welch Xtimate® SEC-120, 5µm, 78 × 300mm
 Mobile Phase: Phosphate buffer/acetonitrile=95/5
 Wavelength: 232 nm
 Temperature: 30°C
 Flow rate: 0.9 ml/min
 Injection Volume: 20µl

Ceftobiprole Trans Isomer



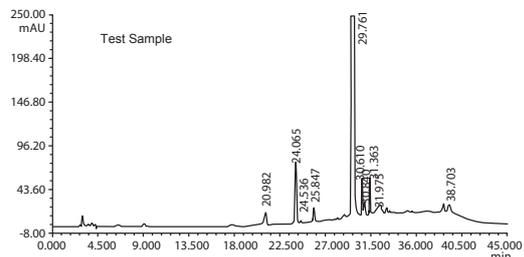
Ret Time (min)	Area (mAU*s)	Height (mAU)	Symm.	Width (min)	Plates
11.088	2141.43115	76.08527	0.65	0.4035	4183



Ret Time (min)	Area (mAU*s)	Height (mAU)	Symm.	Width (min)	Plates	R	Selectivity
11.097	1963.64685	69.46465	0.66	0.4033	4193	-	-
13.548	1248.92188	39.7176	0.70	0.4600	4807	3.34	1.22

Column: Welch Ultisil™ CD-M, 5µm, 4.6 × 250mm
 Mobile Phase: Acetonitrile/0.3%TEAA=50/50
 Wavelength: 320nm
 Temperature: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Cefazolin Sodium



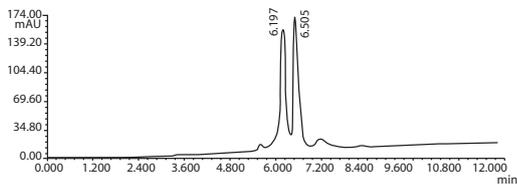
ID	Ret Time (min)	Height (mAU)	Area (mAU*s)	C	Half Width (min)	R	Plates	Tailing Factor
1	20.982	1439	17610.6	0.361	11.50	0.00	66301	0.83
2	24.065	7276	79102.5	1.622	10.22	10.02	110520	1.20
3	24.536	284	2103.8	0.043	6.96	1.94	247480	1.06
4	25.847	1681	15394.7	0.316	8.61	5.94	179668	1.67
5	29.761	298145	4684083.2	96.053	14.77	11.82	80944	0.97
6	30.610	4063	22407.0	0.459	5.18	3.00	694895	0.89
7	30.840	1608	16101.8	0.330	9.41	1.11	213951	1.44
8	31.363	4320	23112.4	0.474	5.03	2.56	775157	1.28
9	31.975	1551	8352.2	0.171	5.06	4.28	795264	1.27
10	38.703	952	8270.6	0.170	8.17	35.90	447674	0.92

Column: Welch Ultisil™ XB-C18, 5µm, 4.6 × 250mm
 Condition: Mobile Phase A: KH₂PO₄/acetonitrile (KH₂PO₄ 1.69g, dissolve to 970ml with water, then add acetonitrile 30mL, adjust pH to 2.5 with H₃PO₄)
 Mobile Phase B: KH₂PO₄/acetonitrile (KH₂PO₄ 1.04g, dissolve to 600ml with water, then add acetonitrile 400mL, adjust pH to 2.5 with H₃PO₄)

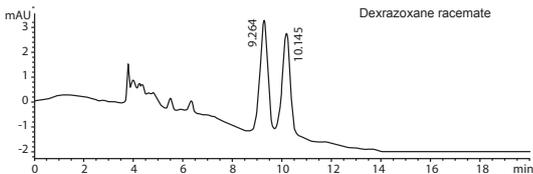
Gradient Program:	Time (min)	A(%)	B(%)
	0	100	0
	12	100	0
	35	0	100
	40	100	0

Wavelength: 220nm
 Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

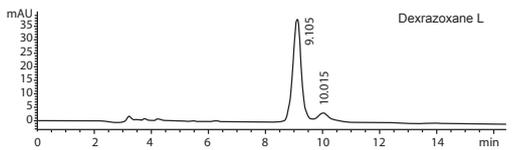
Dexrazoxane



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	Dexrazoxane	6.197	14791	161661.0	49.713	0.70	7250	0.00
2	Laevo isomer	6.505	16295	163528.9	50.287	2052	9476	1.10



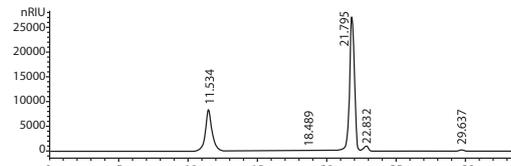
Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Plates	R
9.264	97.06689	42.95841	4705	-
10.145	95.26753	25.78562	4871	1.57



Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Plates	R
9.105	811.97144	42.95841	4687	-
10.015	109.73309	25.78562	3012	1.44

Column: Welch Ultisil™ XB-Diol, 5µm, 4.6x250mm
 Wavelength: 237nm
 Mobile Phase: Methanol (contain D(+)-10-Camphorsulfonic acid 2.5mM) /THF=10/90
 Temperature: Ambient 23°C
 Flow Rate: 0.5ml/min
 Injection Volume: 20µl

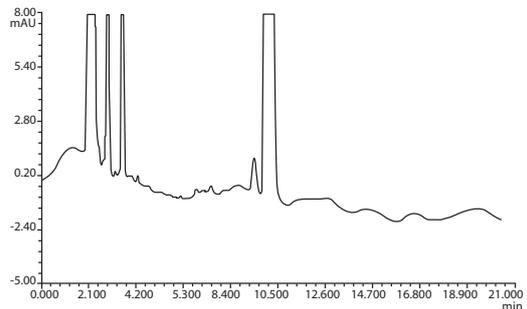
Iron Dextra



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
11.534	2.90777e6	8.40716e4	1.06	0.4547	3564	-	-
18.489	2.15427e5	899.81934	1.44	4.5360	92	1.64	1.60
21.795	5.88073e6	2.70207e4	0.85	0.3278	24484	0.80	1.18
22.832	2.79050e5	1.05128e4	0.84	0.3906	18930	1.70	1.05
29.637	6.82280e4	2181.76611	0.76	0.4680	22214	9.31	1.30

Column: Welch Xtimate® SEC-300, 5µm, 78x300mm
 Mobile Phase: 71g Na₂SO₄ dissolve in 1000ml water, filter
 Detector: 35°C
 Flow Rate: 0.5ml/min
 Injection Volume: 20µl

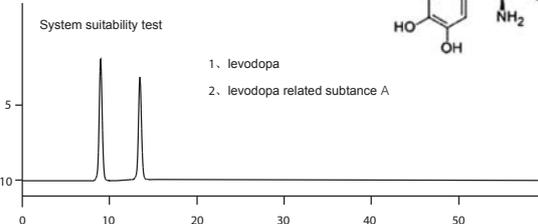
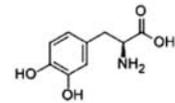
Levocarnitine



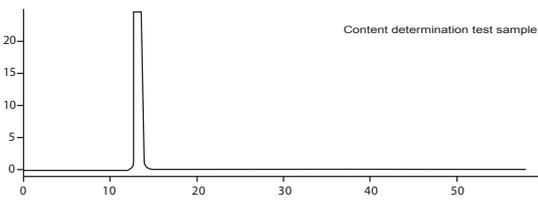
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	9.426	1.62	19.256	0.741	14166	0.89	0.00
2	9.995	176.39	2579.116	99.259	10541	1.56	1.61

Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6x250mm
 Wavelength: 205nm
 Mobile Phase: (KH₂PO₄ 6.81g/L, pH 4.7, adjust with NaOH / acetonitrile =35/65
 Temperature: 35°C
 Flow Rate : 1.0ml/min
 Injection Volume: 20µl

Levodopa



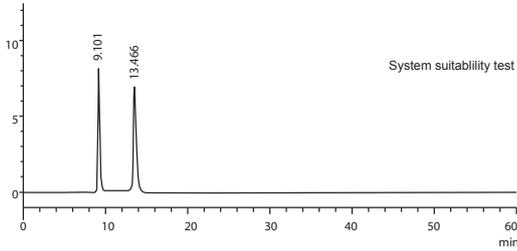
ID	RetTime [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Plates	R	Tailing Factor
1	9.101	123667	42.981	8112	8754.290	15.436	1.451
2	13.466	162853	56.600	6586	8509.945	8.972	1.525



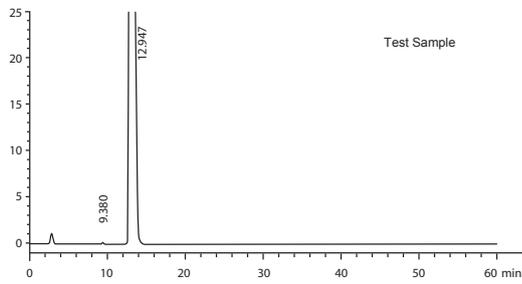
ID	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Plates	R	Tailing Factor
1	12.947	5700877	99.653	166708	3386.168	5.506	1.985

Column: Welch Ultisil™ LP-C18, 5µm, 4.6x250mm
 Wavelength: 280nm
 Mobile Phase: 0.01M KH₂PO₄(H₃PO₄ adjust pH=2.0)/acetonitrile=97/3
 Flow Rate: 1.0 mL/min
 Injection Volume: 20µl

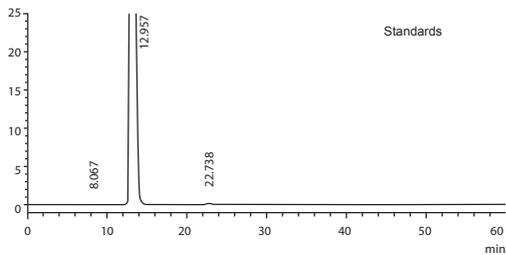
Levodopa Tablets



ID	Ret Time [min]	Area [mAU*s]	Area%	Height [mAU]	Plates	R	Tailing Factor
1	9.101	123667	42.981	8112	8754.290	15.436	1.451
2	13.466	162853	56.600	6856	8509.945	8.972	1.525



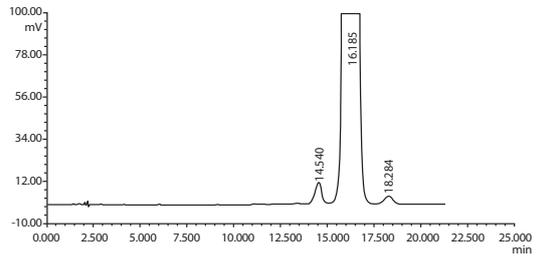
ID	Ret Time [min]	Area [mAU*s]	Area%	Height [mAU]	Plates	R	Tailing Factor
1	9.380	3728	0.065	233	8549.948	16.675	1.469
2	12.947	5700877	99.653	166708	3386.168	5.506	1.985



ID	Ret Time [min]	Area [mAU*s]	Area%	Height [mAU]	Plates	R	Tailing Factor
1	8.067	1108	0.015	75	6540.829	15.783	1.485
2	12.957	7214223	99.840	192824	2910.704	7.193	2.045
3	22.738	5065	0.070	159	11875.089	10.896	1.279

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 280nm
 Mobile Phase: 0.01M potassium dihydrogen phosphate/ acetonitrile=93/3(pH 2.0, adjust with phosphate acid)
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Levofloxacin



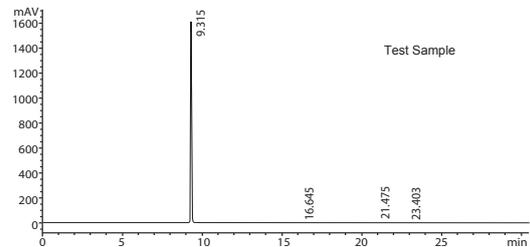
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	14.540	1.07	27.698	0.515	7170	0.95	0.00
2	16.185	173.87	5344.093	99.273	6255	1.07	2.19
3	18.284	0.38	11.446	0.213	8224	0.97	2.58

Column: Welch Xtimate® C18, 5µm, 4.6×250
 Wavelength: 294nm
 Mobile Phase: A: NH₄AC and NaClO₄ solution (NH₄AC 4.0g, NaClO₄ 7.0g, water1300ml, adjust pH 2.2 with phosphate acid) / acetonitrile=85/15 B: acetonitrile

Gradient Program:	Time (min)	A(%)	B(%)
	0	100	0
	18	90	10
	25	70	30
	39	70	30
	40	100	0
	50	100	0

Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 2µl

Levetiracetam



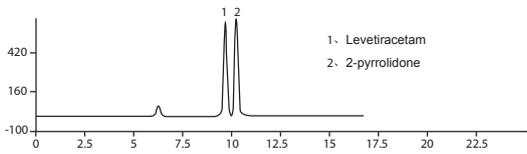
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
9.315	8513.23438	1620.77661	0.86	0.0820	71572	-	-
16.645	79.28735	3.72968	1.32	0.2933	17835	22.95	1.79
21.475	5.58672	2.63975	1.00	0.0350	2085967	17.29	1.29
23.403	84.95251	1.71908	0.84	0.9667	3247	2.26	1.09

Column: Welch Topsil® C18, 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: KH₂PO₄ solution (KH₂PO₄ 1.36g, dissolve to 1000mL water, adjust pH with 10% KOH to 7.0

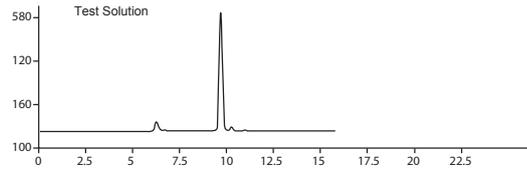
Gradient Program:	Time (min)	Buffer (%)	Acetonitrile (%)
	0	95	5
	20	65	35
	25	95	5

Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Levetiracetam



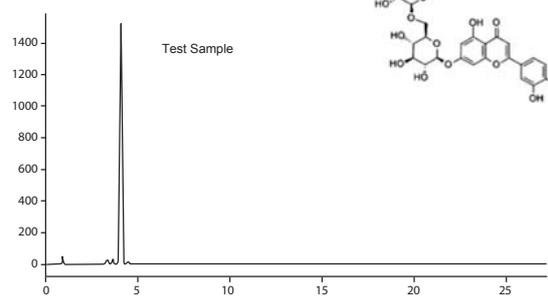
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	Levetiracetam	9.695	61.70	656.564	46.496	18720	0.00	1.19
2	2-pyrrolidone	10.232	63.44	756.352	53.531	16613	1.79	1.49



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	Levetiracetam	9.682	70.70	779.006	100.000	17415	0.00	1.39

Column: Welch Ultisil™ SiO₂, 5µm, 4.6×250mm
 Wavelength: 205nm
 Mobile Phase: 1.96g/l sulfuric acid solution/acetonitrile=10/90
 Temperature: Ambient 24°C
 Flow Rate: 0.5ml/min
 Injection Volume: 10µl

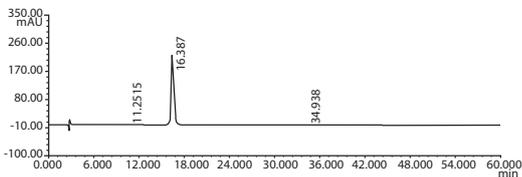
Diosmin



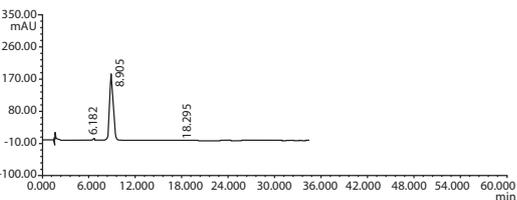
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
1.528	9.35653	1.37295	1.26	0.1033	1209	-	-
1.900	8.59704	1.62383	1.05	0.0856	2723	2.32	1.24
2.033	12.77376	2.63563	0.73	0.0700	4674	1.00	1.07
2.329	8.70891	1.75919	0.86	0.0742	5468	2.41	1.15
3.315	175.31471	30.00627	1.02	0.0909	7359	7.01	1.42
3.596	184.95020	32.82597	0.99	0.0867	9540	1.86	1.08
4.053	1.08391e4	1513.46045	0.81	0.1105	7454	2.72	1.13
4.405	167.91490	19.45036	0.94	0.1283	6522	1.73	1.09
10.165	69.58786	2.43973	1.04	0.4100	3406	12.57	2.31
12.033	208.44075	7.48498	0.99	0.4167	4621	2.65	1.18
24.035	157.43800	3.62828	1.01	0.6700	7128	12.98	2.00

Column: Welch Ultisil™ AQ-C18, 3µm, 4.6 × 100mm
 Wavelength: 275nm
 Mobile Phase: Acetonitrile/glacial acetic acid/methanol/water = 2/6/28/66 (pH ≈ 2.08)
 Temperature: 40°C
 Flow Rate: 1.5ml/min
 Injection Volume: 10µl

Analginum



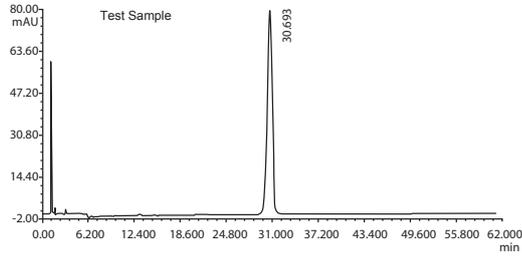
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates
1	11.2515	31	554.0	0.090	8883
2	16.387	22313	610776.4	99.754	8084
3	34.938	24	953.4	0.156	17446



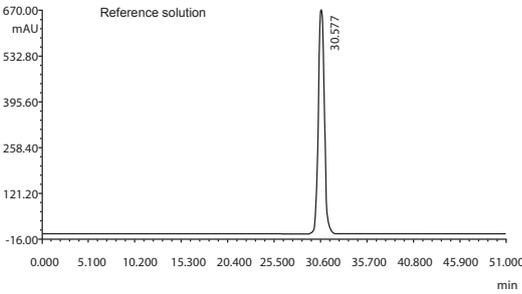
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates
1	6.182	31	768.7	0.123	1402
2	8.905	18543	621936.7	99.508	1590
3	18.295	32	2307.0	0.269	1453

Column: Welch Xtimate® C18, 5µm, 4.6×250mm, or Welch Xtimate® C18, 5µm, 4.6×150mm
 Wavelength: 254nm
 Mobile Phase: Methanol/phosphate buffer (NaH₂PO₄·6.0g, water1000ml, triethylamine 1ml, adjust pH to 7.0 with NaOH)=25/75
 Temperature: Ambient 23°C
 Flow Rate: 1.0ml/min
 Injection Volume: 5µl

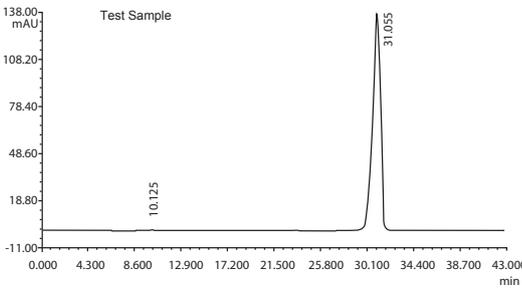
Desloratadine Tablets



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	30.693	7937	395214.1	100.000	1.01	8570	0.00



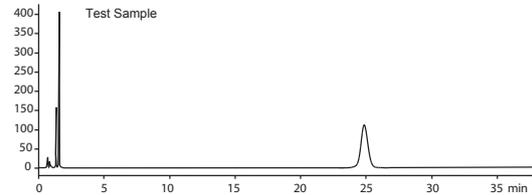
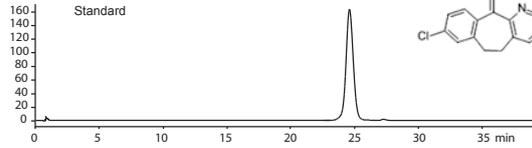
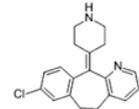
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	30.577	66912	3336869.2	100.000	1.26	8480	0.00



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	10.125	52	1561.8	0.377	0.85	2564	0.00
2	31.055	13756	743929.8	99.623	0.84	7438	18.69

Column: Welch Ultiil™ AQ-C18, 3µm, 4.6×150mm 280nm
 Wavelength: Acetonitrile/0.003mol/l sodium dodecyl sulfate solution (sodium dodecylsulfate0.865g, TFA(trifluoroacetic acid)0.5ml, add water ,dilute to 1000m=43/57
 Mobile Phase:
 Temperature: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

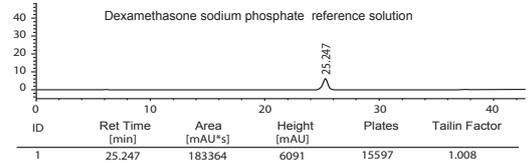
Desloratadine Syrup



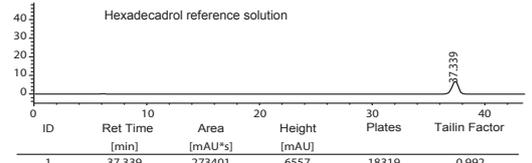
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Wth [min]	Plates	R	Selectivity
21.802	2.50177	8.42599e-2	1.20	0.4600	12446	6.48	1.26
24.888	4021.25195	109.94283	1.19	0.5633	10812	3.54	1.14
27.518	1.65020	4.94028e-2	1.00	0.5733	12764	2.72	1.11

Column: Welch Ultisil™ LP-C8, 5µm, 4.6×150mm
 Wavelength: 280nm
 Mobile Phase: Sodium dodecyl sulfate 2.88g, NaClO₄·H₂O 4.22g, water 600ml dissolve, acetonitrile 460ml, TFA (trifluoroacetic acid) 0.4ml, shake up
 Temperature: 50°C
 Flow Rate: 2.0ml/min
 Injection Volume: 20µl

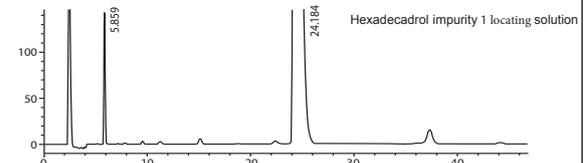
Dexamethasone sodium phosphate



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Plates	Tailin Factor
1	25.247	183364	6091	15597	1.008



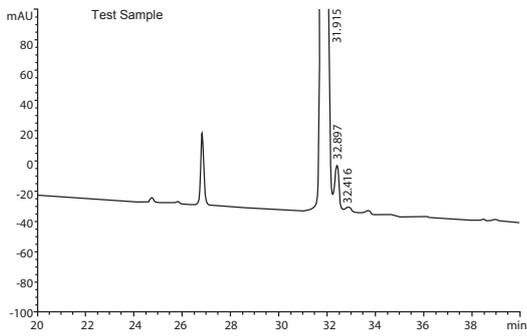
ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Plates	Tailin Factor
1	37.339	273401	6557	18319	0.992



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Plates	Tailin Factor	R
1	5.859	1202113	143025	1.114	10286	
2	24.184	30629599	663084	3.314	5292	23.481

Column: Welch Ultisil™ XB-C18, 5µm, 4.6 × 250mm
 Mobile Phase: Triethylamine/methanol/acetonitrile=55/40/5
 Wavelength: 242nm
 Temperature: 40°C
 Flow Rate: 1.1ml/min
 Injection Volume: 20µl

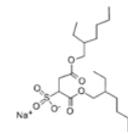
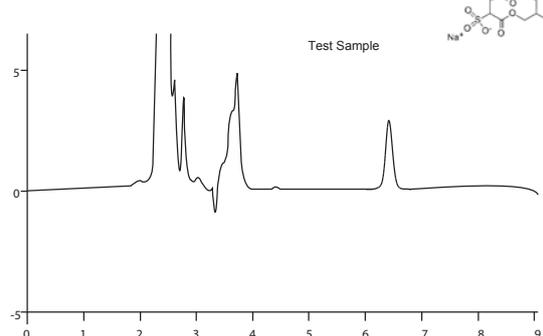
Insulin Detemir



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
31.915	1.82885e4	1567.90957	1.13	0.1733	187837	-	-
32.416	373.03632	30.89254	1.01	0.1858	168577	1.64	1.02
32.897	65.64908	3.57500	1.07	0.3294	55255	1.10	1.01

Column: Welch Ultisil™ XB-C8, 5µm, 4.6×250mm
 Wavelength: 214nm
 Mobile Phase: A: 20g (NH₄)₂SO₄+water 900ml, acetonitrile 100ml, adjust pH to 2.3 with H₂SO₄
 B: acetonitrile/water=80/20;
 %B=0 (0min) , 30 (9min) , 60 (40min)
 Temperature: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

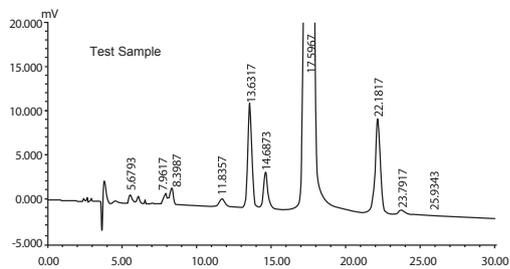
Docosate Sodium



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor
1	6.449	275	2436.8	100.000	8.33	0.00	11947	0.98

Column: Welch Ultisil™ XB-SAX, 5µm, 4.6 × 250mm
 Wavelength: 214nm
 Mobile Phase: acetonitrile/water=75/25(contain 0.1%phosphoric acid)
 Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

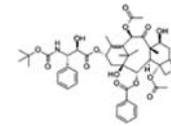
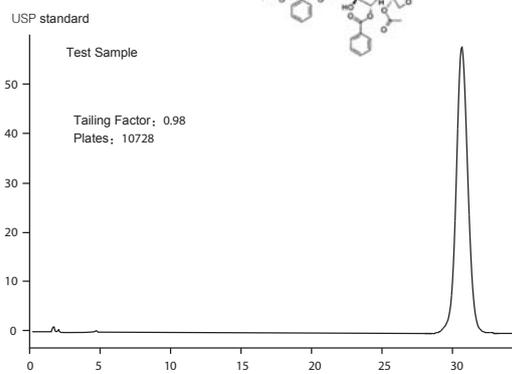
Decitabine



ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]%	C	Plates	R	Tailing Factor
1	5.6793	0.2377	1065.4	293488	0.3476	0.3476	3163	2.287	1.678
2	7.9617	0.3133	1009.5	193432	0.2291	0.2291	3198	4.723	0.797
3	8.3987	0.2843	1591.4	25709.4	0.3045	0.3545	4833	0.836	0.939
4	11.8357	0.4283	956.3	24790.8	0.2937	0.2937	4229	5.678	0.777
5	13.6317	0.3100	11508.7	231282.9	2.7396	2.7396	10712	10.367	0.963
6	14.6873	0.3290	3967.1	89498.7	1.0601	1.0601	11040	1.945	0.832
7	17.5967	0.3597	320796.7	7718796.7	91.4232	91.4232	13260	4.974	1.037
8	22.1817	0.4127	10175.6	279629.7	3.3123	3.3123	16006	6.990	0.970
9	23.7917	0.4817	5288	16608.0	0.1967	0.1967	13516	2.120	0.935
10	25.9343	0.4833	2468	7867.8	0.0932	0.0932	15950	2.614	0.968

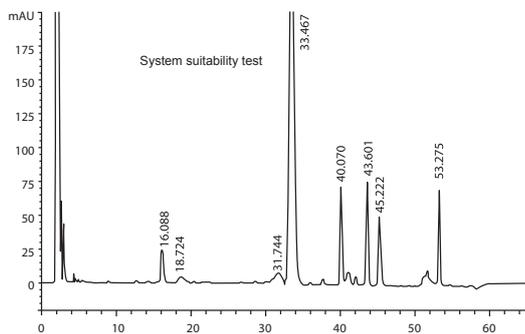
Column: Welch Ultisil™ AQ-C18, 5µm, 4.6 × 250mm
 Welch Ultisil™ LP-C18, 5µm, 4.6 × 250mm
 Wavelength: 220nm
 Mobile Phase: 30mM KH₂PO₄ solution, pH 6.8, adjust with 4M NaOH
 Temperature: Ambient 26°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Docetaxel



Column: Welch Ultisil™ AQ-18, 5µm, 4.6 × 150mm
 Wavelength: 232nm
 Mobile Phase: Acetonitrile/methanol/water=26/32/42
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Erythrocin



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
16.088	640.87903	24.29285	0.81	0.4100	8529	-	-
18.724	180.66518	3.60971	1.44	0.8267	2842	2.50	1.16
31.744	500.15640	7.34685	1.31	1.0700	4876	8.07	1.70
33.467	1.20534e4	275.99756	0.80	0.6742	13649	1.16	1.05
40.070	1562.24451	72.42560	0.52	0.3307	81326	7.72	1.20
43.601	1455.35205	75.78143	0.98	0.2967	119659	6.61	1.09
45.222	1183.50037	50.47053	0.69	0.3600	87411	2.90	1.04
53.275	112.75195	70.02662	0.98	0.2433	265571	15.68	1.18

Column: Welch Xtimate® C18, 5µm, 4.6 × 250mm
 Mobile Phase: Buffer/acetonitrile

Gradient Program:

Time (min)	A(%)	B(%)
0	100	0
15	100	0
45	35	65
47	0	100
55	0	100
56	100	0
65	100	0

Wavelength: 210nm

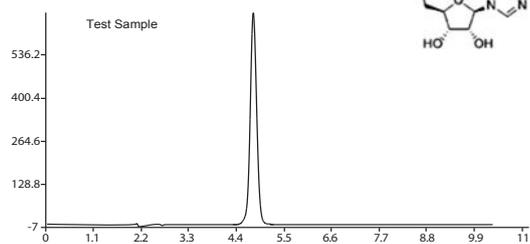
Temperature: 60°C

Flow Rate: 1.3ml/min

Injection Volume: 100µl

Notes: Column temperature affects retention time

Inosine Tablets



ID	Sample	RetTime [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	肌昔	4.805	66995	499563.0	99.728	0.91	9365	0.00
2		5.282	154	1363.4	0.272	1.38	8027	2.20

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×150mm

Wavelength: 248nm

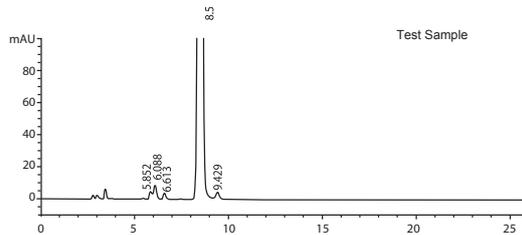
Mobile Phase: Methanol/water=10/90

Temperature: 30°C

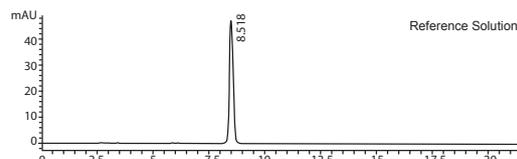
Flow Rate: 1.0ml/min

Injection Volume: 20µl

Inosine Injection



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
5.852	48.05794	4.78510	0.88	0.1834	5646	-	-
6.088	81.06984	8.75832	1.11	0.1467	9527	0.84	1.04
6.613	33.86652	3.78445	0.98	0.1383	12670	2.17	1.09
8.509	2.371814e	2113.36574	0.95	0.1737	13292	7.14	1.29
9.429	72.57860	4.59180	0.84	0.2033	11912	2.87	1.11



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
8.518	520.74030	46.91996	1.00	0.1707	13808

Column: Welch Ultisil™ LP-C18, 5µm, 4.6 × 250mm

Mobile Phase: Methanol/waer=10/90

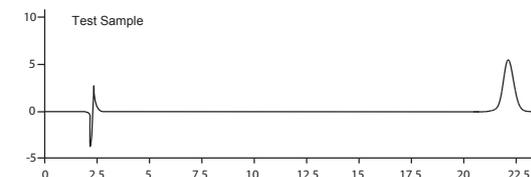
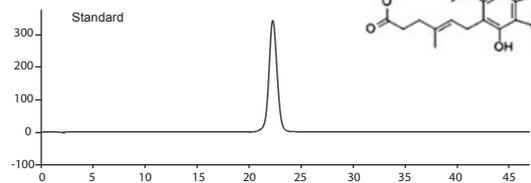
Wavelength: 248nm

Temperature: 25°C

Flow Rate: 1ml/min

Injection Volume: 20µl

Mycophenolate Mofetil



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor
1	22.198	543	18977.6	100.000	32.85	0.00	9100	0.92

Column: Welch Ultisil™ LP-C8, 5µm, 4.6 × 250mm

Wavelength: 250nm

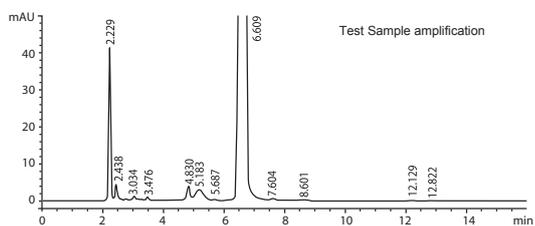
Mobile Phase: (325mL water+1mL triethylamine, pH 5.3 adjust with phosphoric acid) / acetonitrile=65/35

Temperature: 45°C

Flow Rate: 1.4ml/min

Injection Volume: 10µl

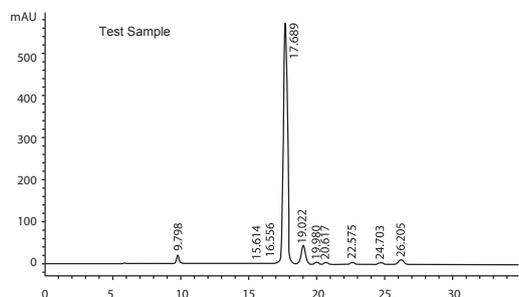
Nadifloxacin Ointment



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
2.229	178.74275	41.12469	0.99	0.0652	6473	-	-
2.438	22.54464	4.27950	0.64	0.0740	6007	1.76	1.09
3.034	5.31737	9.83027e-1	0.99	0.0833	7340	4.45	1.24
3.476	3.95751	8.06188e-1	0.99	0.0742	12174	3.30	1.15
4.830	25.52384	3.55873	1.07	0.1050	11723	8.88	1.39
5.183	53.16545	2.75603	0.93	0.3100	1549	1.00	1.07
5.687	2.29714	3.22137e-1	1.02	0.1117	14367	1.40	1.10
6.609	1.25426e4	1558.43555	1.02	0.1233	15914	4.61	1.16
7.604	5.58895	5.23828e-1	1.19	0.1578	12865	4.16	1.15
8.601	3.50059	1.31355e-1	1.30	0.5833	1205	1.58	1.13
12.129	1.23753	9.5741e-2	1.11	0.2017	20043	5.28	1.41
12.822	1.65404	1.16364e-1	0.99	0.2183	19110	1.94	1.06

Column: Welch Xtimate® C18, 5µm, 4.6 × 250mm
 Mobile Phase: 0.5% triethylamine (adjust pH 3.0 with phosphoric acid) / THF/acetonitrile) =60/10/30
 Wavelength: 280nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Note: be sensitive to injection volume and sample dissolve solvent

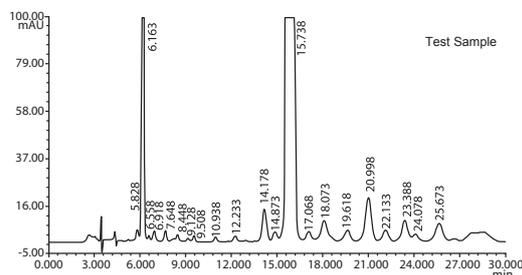
Troxerutin



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
9.798	221.35718	20.20127	1.00	0.1666	19175	-	-
15.614	32.26196	1.90443	0.90	0.2556	20680	16.19	1.59
16.556	19.72234	1.28854	1.04	0.2453	25223	2.21	1.06
17.689	1.10058e4	569.59796	0.90	0.2961	19765	2.46	1.07
19.022	870.66760	43.34918	1.02	0.3089	21006	2.59	1.08
19.980	66.21467	3.48422	1.09	0.3033	24037	1.84	1.05
20.617	47.14792	2.34811	0.81	0.3200	23004	1.20	1.03
22.575	78.72530	3.12213	1.07	0.3867	18882	3.26	1.09
24.703	113.58154	4.23387	1.06	0.4100	20107	3.14	1.09
26.205	279.95499	9.67319	1.03	0.4300	20578	2.10	1.06

Column: Welch Ultisil™ XB-C18, 5µm, 4.6 × 250mm
 Mobile Phase: phosphate buffer (0.1M/LNaH₂PO₄, pH 4.4 adjust with phosphoric acid) / acetonitrile=80/20
 Wavelength: 254nm
 Temperature: 30°C
 Flow Rate: 0.5ml/min
 Injection Volume: 10µl

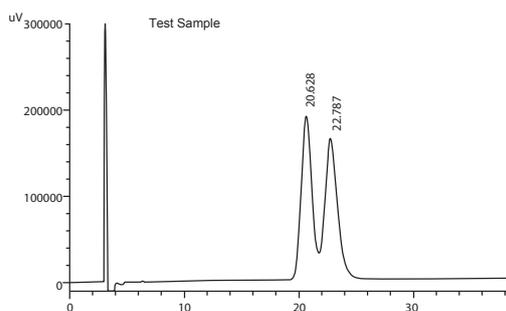
Troxerutin



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing factor	Plates	R
1	5.828	471	4710.1	0.556	0.70	7662	0.00
2	6.163	17448	158775.6	20.591	1.03	10347	1.32
3	6.558	203	2049.3	0.240	1.19	9520	1.55
4	6.918	420	5168.3	0.496	1.08	7130	1.21
5	7.448	436	5274.9	0.515	0.78	9014	2.25
6	8.448	229	2348.3	0.270	0.85	15309	2.69
7	9.128	179	3155.7	0.211	0.88	6047	1.83
8	9.508	275	4101.1	0.325	1.32	9170	0.88
9	10.938	195	2783.7	0.230	0.96	13243	3.68
10	12.233	214	3793.9	0.253	0.98	10740	3.04
11	14.178	1392	28462.8	1.643	0.93	10845	3.83
12	14.873	369	7229.5	0.435	0.88	12999	1.30
13	15.738	57088	1315602.9	67.372	1.21	10520	1.52
14	17.068	354	7384.8	0.418	0.97	15100	2.27
15	18.073	822	26625.6	0.970	1.02	7022	1.42
16	19.618	476	12315.7	0.562	0.89	12968	1.99
17	20.998	1891	52029.2	2.232	0.91	13138	1.94
18	22.133	459	12246.1	0.542	0.91	15523	1.57
19	23.388	843	24671.4	0.995	0.93	14406	1.68
20	24.078	245	6249.2	0.289	1.21	20100	0.95
21	25.673	727	24786.9	0.858	0.95	12789	2.01

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 254nm
 Mobile Phase: 0.1% citrate solution/acetonitrile/tetrahydrofuran=85/9/6
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injecton Volume: 10µl

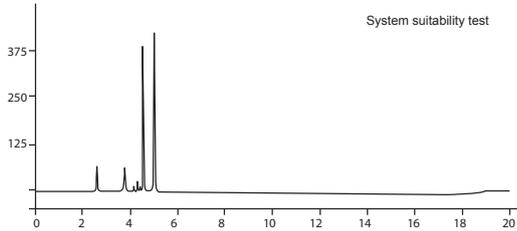
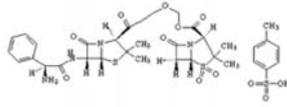
Afatinib (diMaleate)



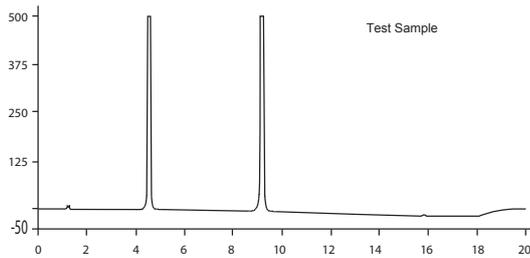
ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	Plates	R	Tailing Factor
1	20.628	12740415	189099	48.70	2099	0.00	0.000
2	22.787	13420114	164082	51.30	1847	1.10	0.000

Column: Welch Ultisil™ Cellud-Y, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/methanol/diethylamine=95/5/0.2
 Wavelength: 240nm
 Temperature: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Sultamicillin tosylate



ID	Sample	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	R	Symm.	Plates
1	n.a.	2.613	4.179	6.87	12.65	1.04	11923
2	A	3.780	3.719	6.11	6.41	1.01	28719
3	Ampicillin	4.307	1.579	2.60	3.15	1.04	51889
4	Iotrox acid	4.573	24.058	39.55	5.33	1.14	37617
5	B	5.033	22.189	36.48	45.29	1.08	65378
6	C	8.833	0.065	0.11	5.49	0.96	155843
7	Sultamicillin	9.340	1.372	2.25	4.33	1.02	152290
8	D	10.040	1.274	2.09	9.00	2.06	30946
9	F	11.567	0.158	0.26	2.51	1.01	171015
10	E	11.853	1.050	1.73	14.25	0.99	162704
11	G	13.560	0.041	0.07	11.95	0.94	195594
12	n.a.	17.787	1.145	1.88	n.a.	0.97	14697



ID	Sample	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	R	Symm.	Plates
1	Ampicillin	4.407	0.187	0.06	1.00	n.a.	35136
2	Iotrox acid	4.540	156.043	46.05	2.26	1.45	10940
3	n.a.	4.833	1.144	0.04	29.29	n.a.	50085
4	n.a.	9.173	182.129	53.75	2.79	1.37	30319
5	n.a.	9.580	0.162	0.05	1.79	1.17	219153
6	Sultamicillin	9.740	0.206	0.06	n.a.	1.85	160821

Column: Welch Ultisil™XB-C18, 3µm, 4.6×100mm
 Wavelength: 215nm
 Mobile Phase: A: 4.6g/L Sodium dihydrogen phosphate (pH 3.0 adjust with phosphoric acid) B: Acetonitrile

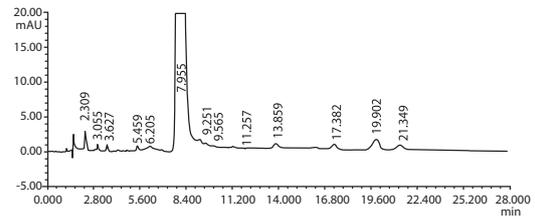
Gradient Program:

Time(min)	A(%)	B(%)
0	95	5
15	30	70
16	30	70
16.5	95	5
20	95	5

Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Cimetidine

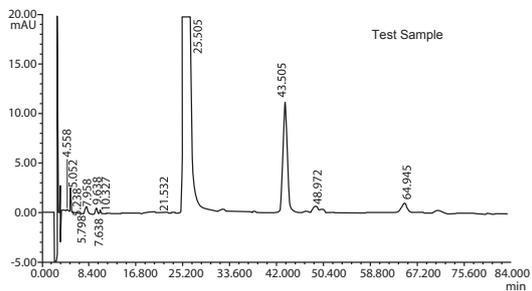
Reference sample amplification



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Height [min]	R	Plates	Tailing Factor
1	2.309	259	935.9	0.178	3.40	0.00	9207	1.10
2	3.055	77	280.6	0.053	3.42	7.73	15862	1.03
3	3.627	91	619.5	0.063	6.40	4.11	6404	0.88
4	5.459	71	594.7	0.049	7.87	9.06	9581	0.96
5	6.205	33	464.8	0.023	13.24	2.50	4379	0.96
6	7.955	144236	1993694.6	99.260	12.99	4.71	7472	1.44
7	9.251	119	2211.9	0.082	17.47	2.92	5545	1.35
8	9.565	56	763.3	0.039	12.81	0.82	11109	2.19
9	11.257	20	272.1	0.014	12.79	4.66	15438	1.22
10	13.859	63	1277.1	0.043	19.06	5.77	10542	0.97
11	17.382	74	1705.7	0.051	21.67	6.11	12827	0.82
12	19.902	146	4495.1	0.100	28.94	3.51	9425	0.87
13	21.349	66	1994.4	0.045	28.41	1.78	11258	0.99

Column: Welch Ultisil™ Polar-RP, 5µm, 4.6×250mm
 Mobile Phase: methanol/water (phosphoric acid0.3ml, sodium hexanesulfonate 0.94g, dissolve in1000ml water) =240/760
 Wavelength: 220nm
 Temperature: 30°C
 Flow Rate: 2.0ml/min
 Injection Volume:20µl

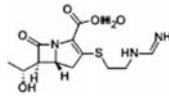
Cimetidine



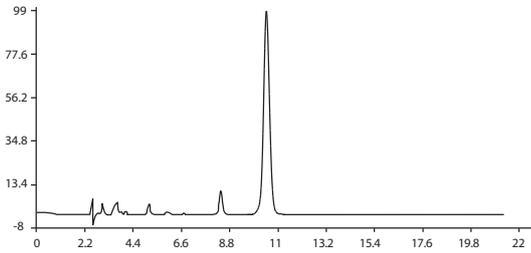
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor
1	4.558	21	110.9	0.024	4.96	0.00	16805	1.00
2	5.052	237	1415.8	0.265	5.62	3.29	16128	1.13
3	5.238	45	164.9	0.050	3.44	1.45	46085	1.83
4	5.798	17	118.8	0.019	6.57	3.95	15519	1.03
5	7.638	66	691.7	0.074	9.85	7.91	11983	0.81
6	7.958	78	2418.5	0.087	29.15	0.58	1486	2.06
7	9.638	59	1210.9	0.066	19.29	2.45	4975	1.24
8	10.327	33	483.3	0.037	13.77	1.57	11311	1.17
9	21.532	15	385.6	0.017	24.16	20.77	15827	0.90
10	25.505	87500	3118416.1	97.996	33.50	4.86	11552	2.08
11	43.505	1099	57200.9	1.231	48.93	15.41	15759	1.12
12	48.972	43	1760.3	0.048	38.48	4.41	32277	0.97
13	64.945	76	4532.9	0.085	56.06	11.93	26745	0.92

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6 × 250mm
 Mobile Phase: Methanol/water (phosphoric acid0.3ml, sodium hexanesulfonate 0.94g, dissolve in1000ml water) =240/760
 Wavelength: 220nm
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Imipenem

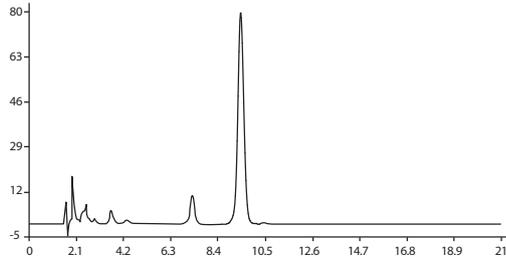


Column: Xtimate[®] C18, 5µm, 4.6x250mm



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	Impurity A	8.403	1160	11860.9	7.529	1.08	15235	0.00
2	imipenem	10.527	10010	145677.4	92.471	0.98	11802	6.44

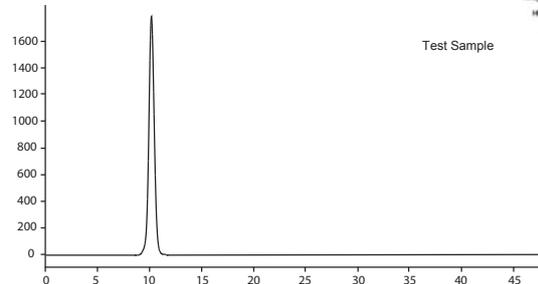
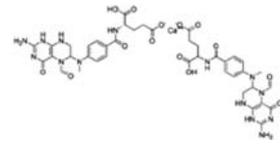
Column: Ultisil[™] XB-C18, 5µm, 4.6x150mm



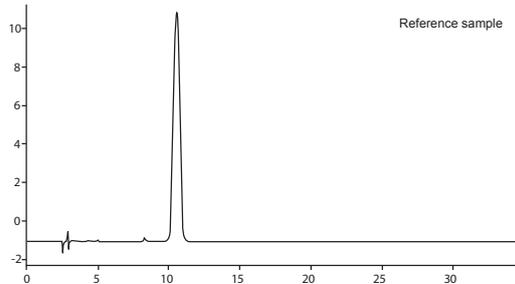
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	ImpurityA	7.263	1023	12749.8	7.683	0.87	7661	0.00
2	Imipenem	9.462	7930	153194.4	92.317	0.82	5411	5.19

Wavelength: 254nm
 Mobile Phase: 8.7g/l dipotassium phosphate, adjust pH to 7.3 with phosphoric acid/ acetonitrile =99.3/0.7
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

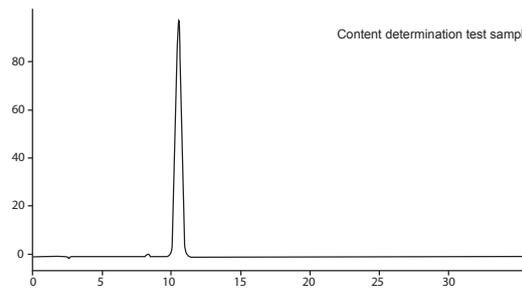
Calcium folinate



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
2.904	15.12640	1.84931	2.64	0.1167	3430	-	-
5.173	45.00515	2.75318	1.36	0.2750	2391	8.43	1.97
6.019	31.45266	2.96073	0.87	0.1852	5854	0.78	1.05
6.217	26.64186	2.59978	0.88	0.1759	6919	0.64	1.03
7.712	37.05703	4.09095	0.90	0.1344	18219	5.66	1.24
8.200	80.09751	6.83135	1.17	0.1683	13146	1.89	1.06
10.230	5.09984e4	1780.96216	0.72	0.4435	2948	3.90	1.25



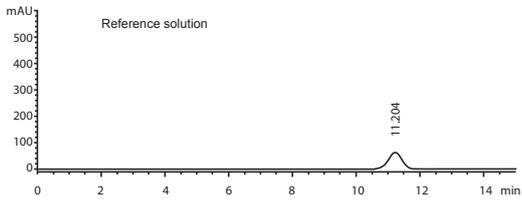
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
10.573	332.31415	11.68010	1.06	0.4400	3199



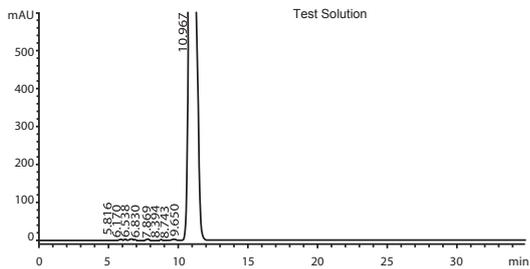
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
10.536	2792.98950	97.74492	1.03	0.4433	3129

Column: Welch Ultisil[™] XB-C18, 5µm, 4.6x250mm 280nm
 Wavelength: (10%Tetrabutylammonium Hydroxide 8mL and
 Mobile Phase: disodium hydrogen phosphate 2.2g, add water to 780mL)/methanol=78/22
 Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Calcium Folate



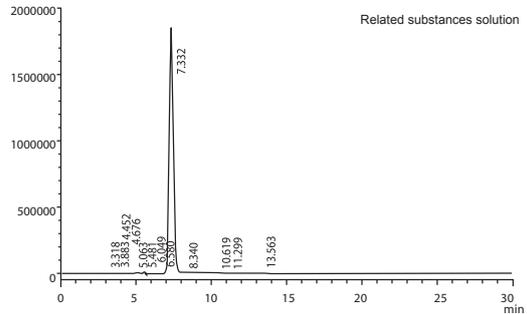
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
11.204	1483.71399	60.87643	1.04	0.4762	3068



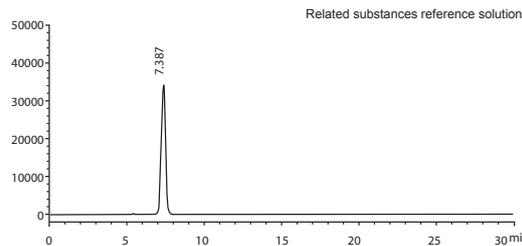
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
5.816	16.28652	2.05189	0.90	0.1248	12036	-	-
6.170	47.57615	3.72845	1.07	0.1756	6840	1.39	1.06
6.538	22.23418	1.72274	1.01	0.2379	4188	1.05	1.06
6.830	24.86115	1.62272	1.07	0.2704	3534	0.67	1.04
7.869	49.48596	3.17463	2.25	0.2550	5275	2.32	1.15
8.394	9.12053	5.32887e-1	1.02	0.2989	4371	1.11	1.07
8.743	11.68403	1.03402	1.05	0.1790	13206	0.86	1.04
9.650	105.66566	3.88976	1.01	0.4289	2804	1.75	1.10
10.967	4.9990e4	1620.81384	0.66	0.4765	2935	1.71	1.14

Column: Welch Ultisil™ XB-C18, 5µm, 4.6 × 250mm
 Mobile Phase: methanol/0.1% TBAH(sodium dihydrogen phosphate buffer=22/78
 Wavelength: 280nm
 Temperature: 40°C
 Flow Rat: 1ml/min
 Injection Volume: 20µl

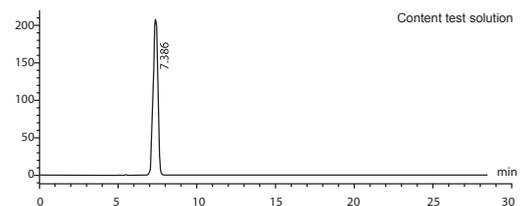
Calcium Folate



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	C	Plates	Tailing Factor	R
1	3.318	9657	1722	0.027	7322	0.862	-
2	3.883	4066	729	0.011	9455	1.067	3.590
3	4.452	10327	1599	0.029	6571	-	3.001
4	4.676	36224	3592	0.100	3490	-	0.837
5	5.063	117680	7497	0.326	2736	-	1.097
6	5.481	79669	10888	0.221	11620	1.060	1.416
7	6.049	35633	4409	0.099	11307	1.014	2.636
8	6.580	24566	2121	0.068	7312	0.858	1.968
9	7.332	35713280	1843079	98.911	3172	0.858	1.968
10	8.340	23943	1516	0.066	5970	1.056	2.116
11	10.619	26247	1857	0.073	11887	1.033	5.550
12	11.299	16016	1472	0.026	3961	1.210	1.228
13	13.563	16016	1472	0.044	34600	0.925	4.485



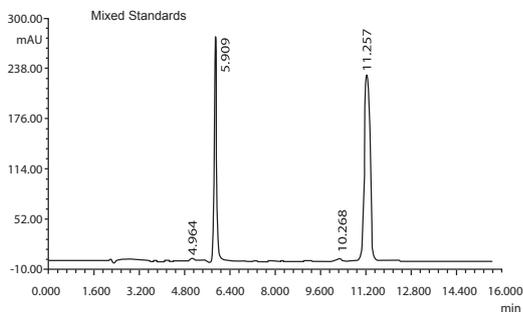
ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	C	Plates	Tailing Factor
1	7.387	668838	34136	100.000	3167	0.958



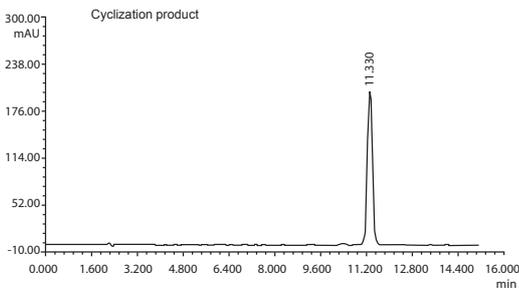
ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	C	Plates	Tailing Factor	R
1	7.386	4038921	206720	98.950	3182	0.970	2.030

Column: Welch Xtimate® C18, 5µm, 4.6 × 250mm
 Mobile Phase: Phosphate buffer/methanol=78/22
 Wavelength: 280nm
 Temperature: 40°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl

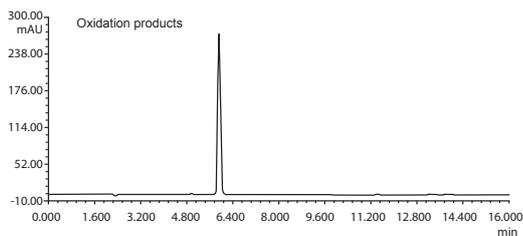
Isoxaflutole



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor
1	4.964	203	1553.0	0.398	7.19	0.00	9495	1.06
2	5.909	27657	183118.2	54.250	6.22	4.97	17963	1.25
3	10.268	210	2333.6	0.412	10.45	18.46	19260	1.05
4	11.257	22911	278500.1	44.940	11.43	3.19	193.43	1.01



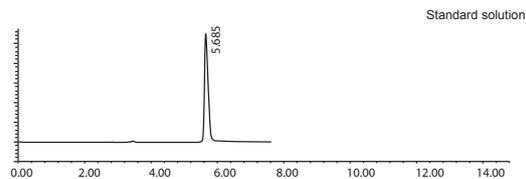
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor
1	11.330	20137	246894.7	100.000	11.53	0.00	19262	1.01



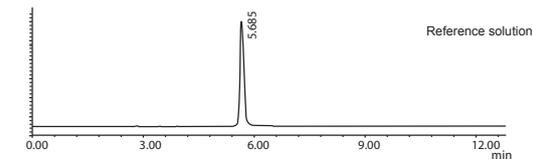
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor
1	5.937	27147	181436.9	99.882	6.28	0.00	17797	1.10
2	11.322	32	384.6	0.118	11.30	21.62	20015	1.04

Column: Welch Ultisil™ XB-C18, 5µm, 4.6 × 250mm
 Mobile Phase: Acetonitrile/0.1% phosphoric acid solution=70/30
 Wavelength: 230nm
 Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Rifampin and Isoniazid Capsules



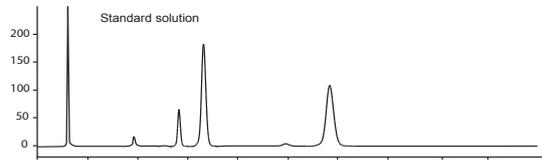
ID	Ret Time [min]	Half Width [min]	Plates	R	Tailing Factor
1	5.685	0.111	14619	7.213	1.155



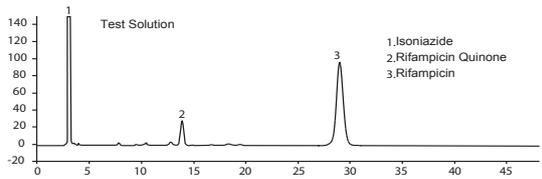
ID	Ret Time [min]	Half Width [min]	Plates	R	Tailing Factor
1	5.685	0.112	14358	0.000	1.172

Column: Welch Ultisil™ Polar-RP, 5µm, 4.6 × 250mm
 Mobile Phase: Buffer Solution/methanol/water=10/5/85
 Wavelength: 254nm
 Temperature: 35°C
 Flow Rte: 1.5ml/min
 Injecton Volume: 20µl

Rifampicin and Isoniazid Tablets



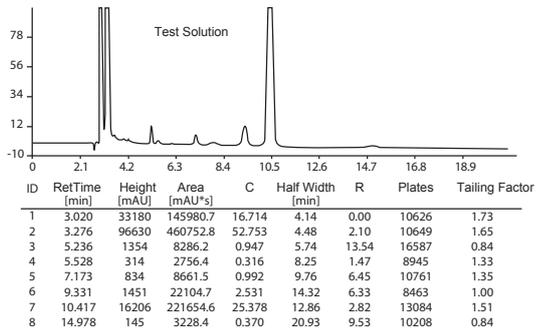
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
3.049	2340.79639	304.37247	1.33	0.1227	3423	-	-
13.982	1366.96082	65.97190	0.80	0.3167	10803	29.24	4.59
16.584	4746.10889	185.94891	0.53	0.3933	9848	4.30	1.19
28.828	5574.52441	110.15643	0.34	0.7871	7432	12.19	1.74



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
3.061	1.94411e4	3623.50854	0.97	0.0808	7953	-	-
13.897	585.40942	28.19042	0.90	0.3167	10669	32.04	4.54
28.765	4677.01270	97.73362	0.38	0.7433	8295	16.48	2.07

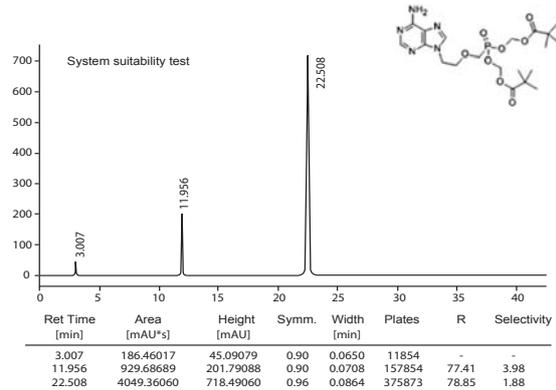
Column: Welch Ultisil™ XB-C18, 5µm, 4.6 × 250mm
 Wavelength: 254nm
 Mobile Phase: 0.01mol/L KH₂PO₄ buffer solution, 0.1mol/L NaOH solution, pH 7.0 ± 0.1 / methanol=40/60
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Isoniazid Rifampicin and Pyrazinamide Tablets



Column: Welch Ultisil™ XB-CN, 5µm, 4.6×250mm
 Wavelength: 254nm
 Mobile Phase: 0.01mol/L sodium heptanesulfonate solution (sodium heptanesulfonate 2.0225g, water1000ml, adjust pH to 2.0 with phosphoric acid) /acetonitrile=54/46
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Adefovir Dipivoxil



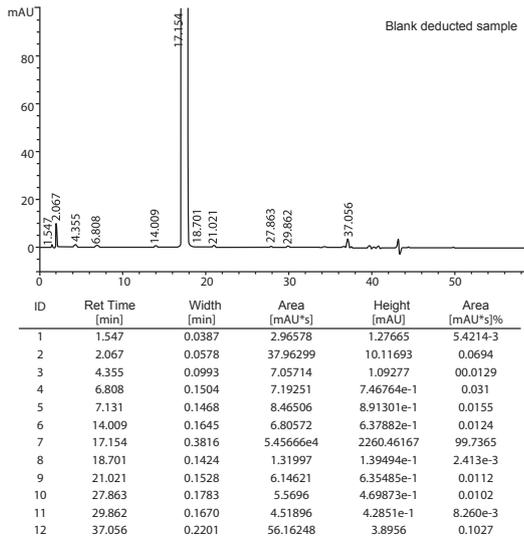
Column: Welch Ultisil™ XB-C8, 5µm, 4.6 × 250mm
 Wavelength: 260nm
 Mobile Phase: A: 0.05mol/L KH₂PO₄ buffer solution/acetonitrile=50/50
 B: 0.05mol/L KH₂PO₄ buffer solution

Gradient Program:

Time (min)	A(%)	B(%)
0	20	80
5	20	80
20	100	0
32	100	0
35	20	80
40	20	80

Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Isoquinoline Carboxylate



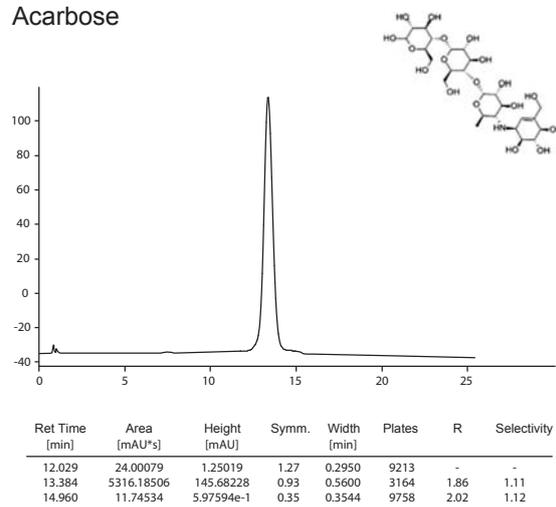
Column: Welch Ultisil™mate® AQ-C18, 5µm, 4.6 × 150mm
 Mobile Phase: A, Mobile Phase B

Gradient Programme:

Time (min)	A(%)	B(%)
0	100	0
5	100	0
45	0	100
60	0	100
61	100	0
67	100	0

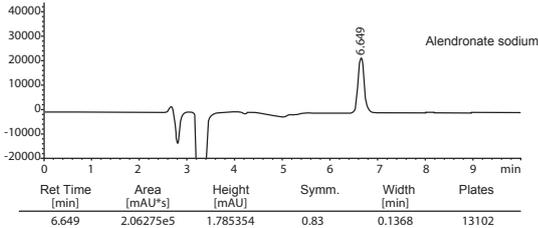
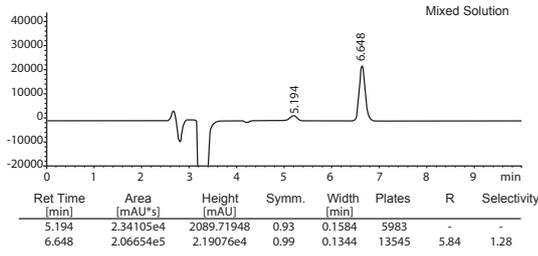
Wavelength: 220nm
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Acarbose



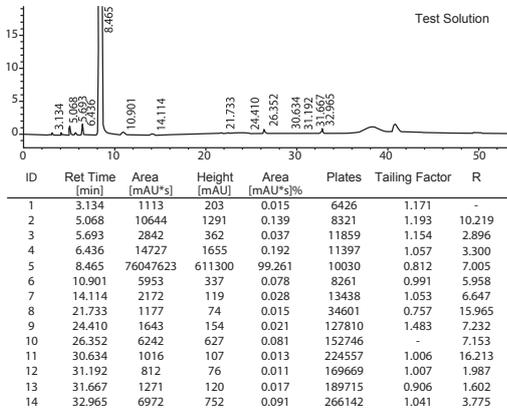
Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6 × 150mm
 Wavelength: 210nm
 Mobile Phase: Acetonitrile/phosphate buffer = 70/30
 Temperature: 35°C
 Flow Rate: 1.8ml/min
 Injection Volume: 20µl

Alendronate Sodium



Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Detector: RID 30°C
 Mobile Phase: water/methanol=90/10, contain 5mmol/L NH₄H₂PO₄, 2mmol/L TBAB, 1.5mmol/L EDTA, pH 7.2 (adjust with NaOH)
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Amoxicillin

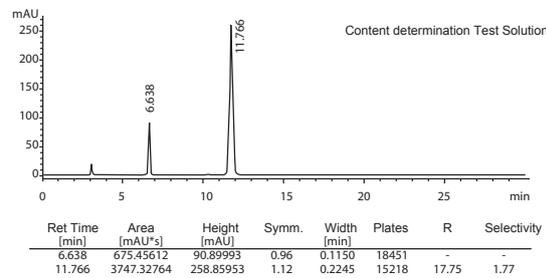
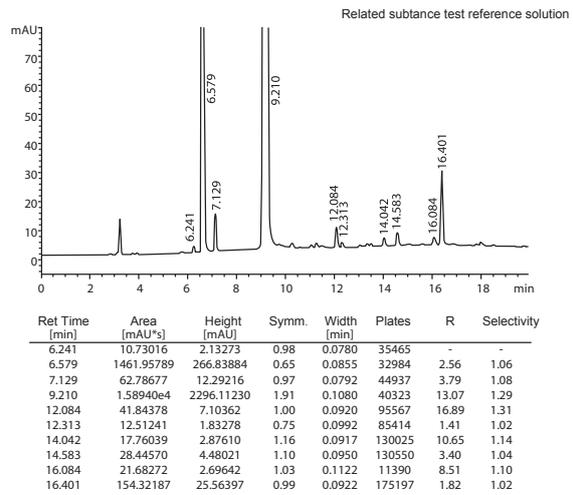
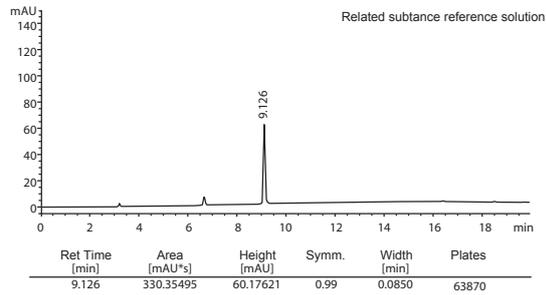


Column: Welch Ultisil™ Polar-RP, 5µm, 4.6 × 250mm
 Mobile Phase: A: 0.05mol/l KH₂PO₄(pH 5.07 adjust with 2mol/l NaOH) /acetonitrile=99/1
 B: 0.05mol/l KH₂PO₄(pH 5.07 adjust with 2mol/l NaOH) /acetonitrile=80/2
 Gradient Program:

Time (min)	A(%)	B(%)
0	92	8
10	92	8
35	0	100
50	0	100
51	92	8
65	92	8

Wavelength: 254nm Temperature: 30°C
 Flow Rate: 1ml/min Injection Volume: 20µl

Amoxicillin and Clavulanate Potassium Tablets



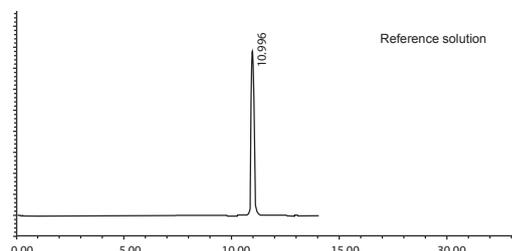
Column: Welch Ultisil™ AQ-C18, 5µm, 4.6 × 250mm
 Mobile Phase: A: 0.01mol/l KH₂PO₄ (adjust pH to 6.0 2mol/l NaOH)
 B: 0.01mol/l KH₂PO₄ (adjust pH to 6.0 2mol/l NaOH)/ acetonitrile =20/80

Gradient Program:

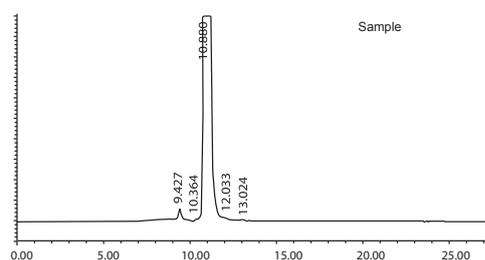
Time (min)	A(%)	B(%)
0	98	2
20	70	30
22	98	2
32	98	2

Wavelength: 230nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Note: Sensitive to injection volume and sample dissolve solvent

Aspoxicillin Polymer



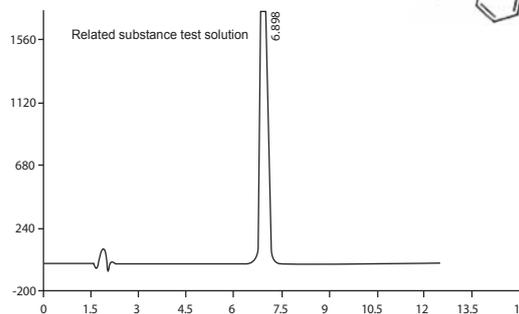
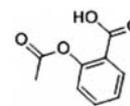
ID	Ret Time [min]	Half Width [min]	Plates	R	Tailing Factor
1	10.996	0.128	40674	0.000	1.168



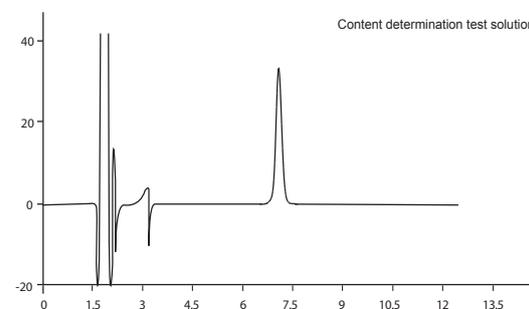
ID	Ret Time [min]	Half Width [min]	Height	Plates	Area	R	Tailing Factor
1	9.427	0.172	4010.1	16642	79353.4	0.000	1.038
2	10.364	0.105	963.7	53633	6282.4	3.977	1.288
3	10.880	0.229	1910403.0	12504	27780064.1	1.186	2.193
4	12.033	0.119	2067.5	56967	15287.7	3.907	0.928
5	13.024	0.129	1017.1	56760	8127.4	4.714	1.000

Column: Welch Xtimate® SEC-120, 3µm, 78×300mm
 Mobile Plates: Phosphate buffer (pH=7.00) / acetonitrile=95/5
 Wavelength: 321nm
 Temperature: Ambient
 Flow rate: 0.8ml/min
 Injection Volume: 20µl

Aspirin



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	Aspirin	6.898	234317	3305571.1	99.701	1.52	5394	0.00
2	Salicylic acid	10.757		9922.0	0.299	0.00	19000	11.00



ID	Sample	Ret Time [min]	Height	Area [mAU*s]	C	Tailing Factor	Plates	R
1	Aspirin	7.090	3310	37610.9	100.0000	1.00	8782	0.00

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×150mm
 Wavelength: 276nm

(Related substance mobile Phase):

A: Acetonitrile/THF/glacial acetic acid /water=20/5/5/70 B: acetonitrile

Gradient

Program:

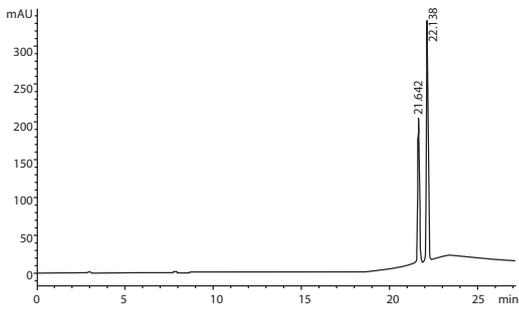
Time (min)	A(%)	B(%)
0	100	0
60	20	80

(Content determination mobile phase):

acetonitrile/THF/glacial acetic acid /water=20/5/5/70

Temp: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

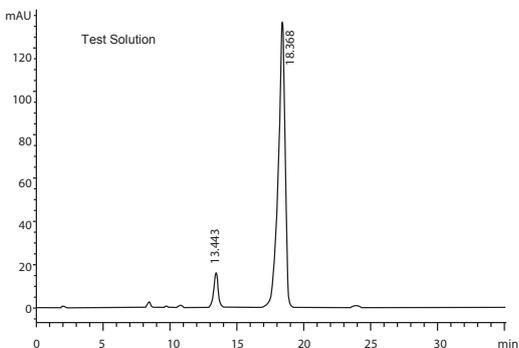
Atorvastatin Calcium



RetTime [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
21.642	1494.34778	191.78311	1.01	0.1222	173723	-	-
22.138	2296.17505	317.00607	0.94	0.1133	211358	2.47	1.02

Column: Welch Ultisil™ PFP, 5µm, 4.6 × 250mm
 Wavelength: 246nm
 Mobile Phase: A: 0.045M ammonium formate 0.005M ammonium acetate/THF=993.231/6.769, B: acetonitrile/THF=963.6/18.2; %B=31.1 (0-15min) , 44.6 (20-25min) , 78.4 (50-55min)
 Temp: 40°C
 Flow Rate: 1.1ml/min
 Injection Volume: 20µl

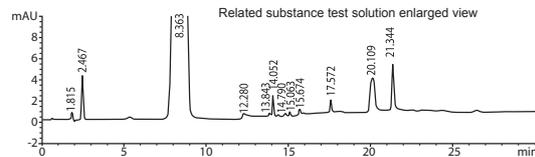
Abamectin



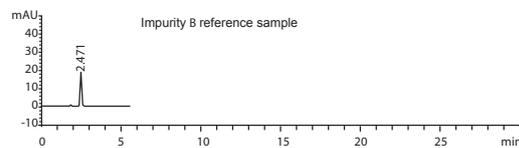
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
13.443	366.53787	15.59274	1.08	0.3567	7870	-	-
18.368	4184.92529	130.92885	1.12	0.4728	8361	6.98	1.37

Column: Welch Ultisil™ AQ-C18, 5µm, 4.0 × 150mm
 Mobile Phase: Methanol/acetonitrile/water=38/38/24
 Wavelength: 245nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 5µl
 Note: Be sensitive to injection volume and sample dissolve solution

Acyclovir



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
1.815	4.96288	7.3388e-1	1.20	0.0833	2633	-	-
2.467	31.62496	4.15271	1.03	0.1183	2407	3.80	1.36
8.363	1.89800e4	817.45740	0.95	0.3568	3044	14.58	3.39
12.280	2.03002	2.53397e-1	1.41	0.1636	31209	8.84	1.47
13.843	1.87000	2.92892e-1	0.99	0.1033	99428	6.88	1.13
14.052	12.50256	1.94301	0.95	0.0992	111207	1.21	1.02
14.790	2.17119	2.84820e-1	1.32	0.1083	103258	4.18	1.05
15.063	2.43854	3.9414e-1	0.96	0.0967	134524	1.56	1.02
15.674	4.27269	5.39226e-1	1.03	0.1189	96283	3.33	1.04
17.572	7.37556	1.11167	0.92	0.1011	167348	10.14	1.12
20.109	64.04504	3.15639	1.07	0.3233	21431	7.02	1.14
21.344	44.61601	4.31191	0.76	0.1433	122840	3.11	1.06



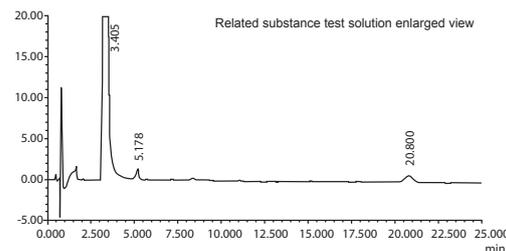
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
2.471	141.91135	18.64373	1.01	0.1183	2414

Wavelength: Welch Ultisil™ AQ-C18, 10µm, 4.6 × 250mm

Mobile Phase	Time (min)	A%(0.1 acetic acid solution)		B%(Acetic acid/water/acetonitrile=1/500/500)	
		Time (min)	Conc	Time (min)	Conc
	0	100		0	
	10	100		0	
	20	60		40	

Wavelength: 254nm
 Temp.: 30°C
 Flow Rate: 3.0ml/min
 Injection Volume: 20µl

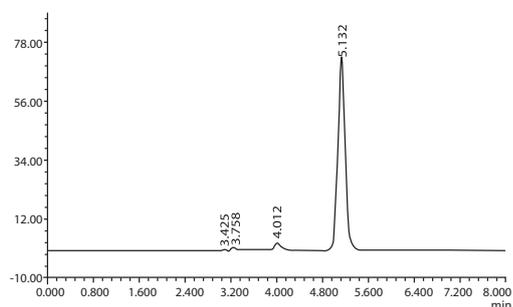
Acyclovir



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	3.405	197033	1712208.7	99.753	0.75	3463	0.00
2	5.178	132	1698.6	0.099	0.90	3652	6.18
3	20.800	81	2538.4	0.148	0.94	9937	26.54

Column: Welch Ultisil™ LP-C18, 3µm, 4.6 × 100mm
 Mobile Phase: 6.0g sodium dihydrogen phosphate, 1.0g sodium 1-decanesulfonate, add 900mL water, adjust pH 3.0 with phosphoric acid, add 40mL acetonitrile, add water to 1000mL
 Wavelength: 254nm
 Temperature: 30°C
 Flow Rate: 2.0ml/min
 Injection Volume: 20µl

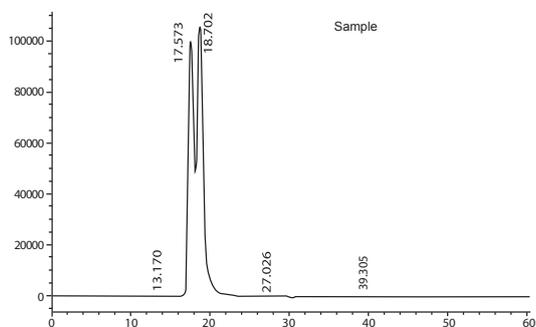
Levamlodipine Besylate



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	3.425	0.11	0.448	0.067	15392	0.00	0.86
2	3.758	0.13	0.829	0.124	7362	2.33	1.26
3	4.012	2.54	21.181	3.170	5229	1.28	1.34
4	5.132	72.00	645.797	96.639	7383	4.86	1.06

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6 × 250mm
 Wavelength: 238nm
 Mobile Phase: Methanol/0.03mol/Lmonopotassium phosphate=75/25
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

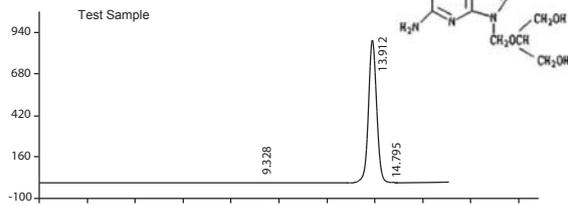
Series of Methyl Polyethylene Glycol



RetTime [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
13.170	7952.18994	225.10426	0.00	0.9072	1190	1190	-
17.573	4.76875e6	1.00151e5	0.83	0.8663	2280	2280	1.33
18.702	6.12600e6	1.06381e5	0.77	0.8655	2588	2588	1.06
27.026	3209.02173	187.41002	1.22	0.2592	60241	60241	1.45
39.305	1.34273e4	144.57556	0.68	1.3176	4932	4932	1.45

Column: Welch Xtimate® SEC-120, 5µm, 78 × 300mm
 Welch Xtimate® SEC-120, 5µm, 78 × 300mm install in series
 Mobile Phase: high purity water
 Wavelength: RID
 Temperature: 35°C Detector temp. 35°C
 Flow Rate: 0.8ml/min
 Injection Volume: 20µl

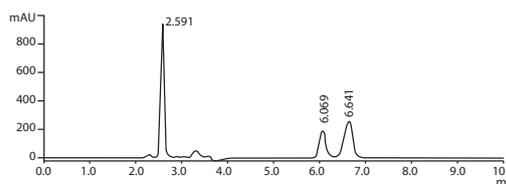
Ganciclovir



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	9.328	2.49	31.202	0.200	12500	0.00	1.49
2	13.912	900.72	15570.233	99.751	14609	11.54	0.97
3	14.795	0.47	7.661	0.049	18821	1.98	1.06

Column: Welch Ultisil™ LP-C18, 5µm, 4.6 × 250mm
 Wavelength: 252nm
 Mobile Phase: Methanol/water=5/95
 Temp.: Ambient 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

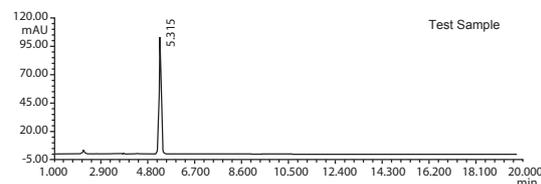
Gutamine (Gln)



ID	Ret Time [min]	Half Width [min]	Tailing Factor	Column efficiency	R
1	2.591	0.070	0.926	7595.991	0.000
2	6.069	0.153	1.136	8782.537	18.447
3	6.641	0.203	0.895	5914.657	1.896

Column: Welch Ultisil™ Hiliac-SiO₂, 5µm, 4.6 × 250mm
 Mobile Phase: Acetonitrile/0.01mol/L ammonium acetate=65/35
 Wavelength: 215nm
 Temp.: Ambient
 Flow Rate: 1ml/min
 Injection Volume: 20µl

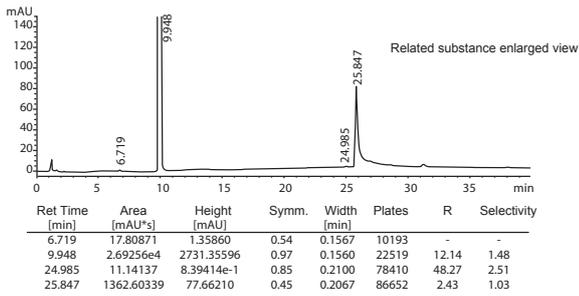
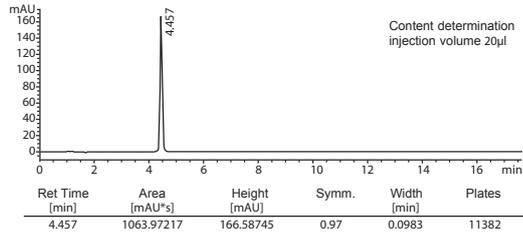
Ascorbic Acid



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing factor	Plates	R
1	5.315	10331	67404.7	100.000	0.91	17603	0.00

Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6 × 250mm
 Mobile Phase: Acetonitrile/phosphate buffer=75/25 (adjust pH 3.0 with phosphoric acid)
 Wavelength: 210nm
 Temperature: 45°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl

Letrozole



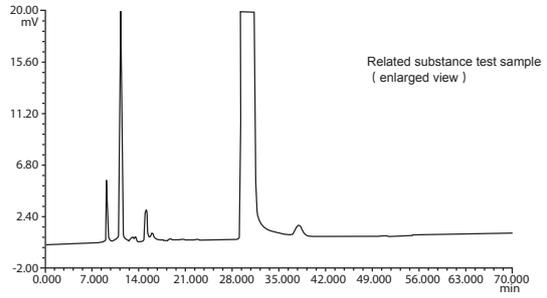
Column: Welch Ultisil™ AQ-C18, 5µm, 4.6 × 150mm
 Mobile Phase: Acetonitrile/water=48/52

Gradient Program:

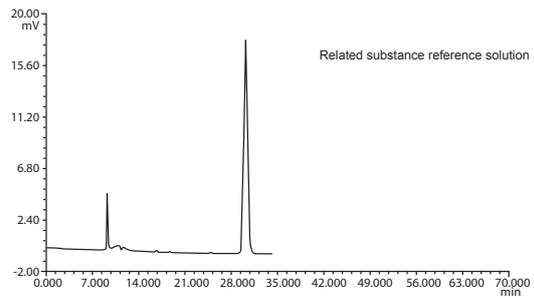
Time (min)	A(%)	B(%)
0	30	70
25	70	30

Wavelength: 230nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl

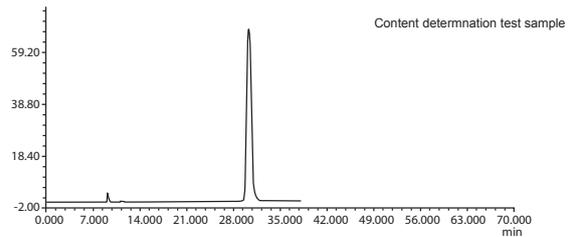
Ribavirin Oral Solution



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R
1	9.195	0.52	6.5411	0.909	11959	0.00
2	11.302	2.28	39.683	0.549	9477	5.26
3	13.058	0.04	0.935	0.013	5360	2.99
4	13.512	0.04	0.729	0.010	13020	0.77
5	15.082	0.26	6.989	0.097	7320	2.66
6	16.081	0.06	1.700	0.024	6508	1.25
7	30.098	156.81	7110.770	98.378	9937	14.07
8	37.992	0.88	60.682	0.840	6909	5.20



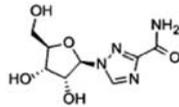
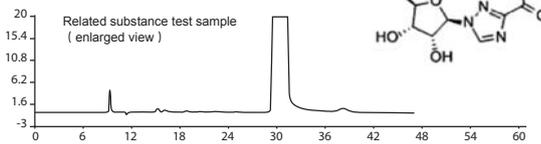
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R
1	30.198	1.83	76.932	100.000	11614	0.00



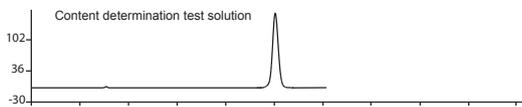
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R
1	30.332	6.72	299.065	100.000	10472	0.00

Column: Welch Xtimate® SUGAR-H, 5µm, 78 × 300mm
 Wavelength: 207nm
 Mobile Phase: pH=2.5 sulfuric acid aqueous solution
 Temp.: Ambient 21°C
 Flow Rate: 0.4ml/min
 Injection Volume: 20µl

Ribavirin



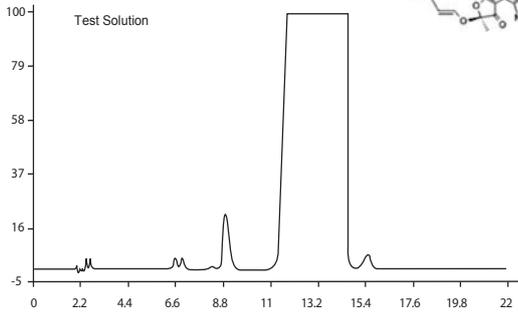
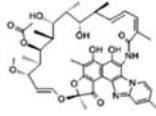
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	9.228	0.46	5.455	0.078	13658	0.00	1.66
2	15.115	0.07	1.661	0.024	8639	12.18	0.02
3	16.085	0.03	0.787	0.011	8486	1.44	0.85
4	18.742	0.02	0.558	0.008	14656	4.03	1.23
5	30.132	158.16	6895.888	99.214	10772	12.79	1.17
6	38.005	0.69	46.169	0.664	7298	5.35	0.96



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R
1	30.173	15.51	651.868	100.000	11618	0.00

Column: Welch Xtimate® SUGAR-H, 5µm, 78 × 300mm
 Wavelength: 207nm
 Mobile Phase: pH=2.5 sulfuric acid aqueous solution
 Temperature: 21°C
 Flow Rate: 0.4ml/min
 Injection Volume: 20µl

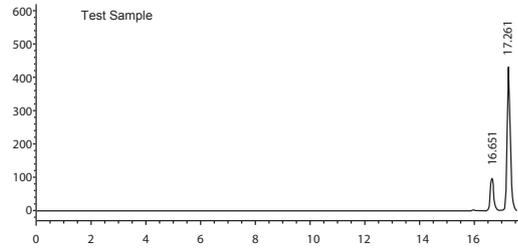
Rifaximin



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	6.589	4555	5102.6	0.311	0.69	7786	0.00
2	6.898	434	5289.6	0.296	1.53	7226	0.99
3	8.289	98	1605.6	0.067	0.74	5773	3.65
4	9.008	2345	39880.5	1.601	0.85	6328	1.62
5	14.389	142456	12901178.4	97.233	0.54	569	3.76
6	15.458	631	15790.4	0.431	0.97	8607	0.69
7	16.214	55	1505.7	0.038	1.15	7911	1.08
8	18.808	36	1320.6	0.025	0.87	5929	3.04

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6 × 250mm
 Wavelength: 276nm
 Mobile Phase: 3.16g/L ammonium formate (adjust pH 7.2 with diluted ammonia water) / (acetonitrile/methanol = 1/1) = 37/63
 Temp.: 40°C
 Flow Rate: 1.4ml/min
 Injection Volume: 20µl

Linezolid



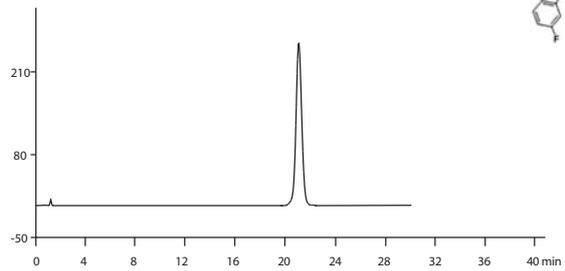
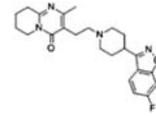
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
16.651	807.93384	96.57404	0.90	0.1275	94406	-	-
17.261	3631.85303	431.21945	0.87	0.1270	102345	2.82	1.04

Column: Welch Ultisil™ LP-C18, 5µm, 4.6 × 250mm

Mobile Phase	Time (min)	A:0.1%TFA water solution	B:0.1%TFA acetonitrile solution
	0	90	10
15	70	30	
30	25	75	
35	25	75	
36	90	10	
45	90	10	

Wavelength: 254nm
 Column Temp.: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 10µl

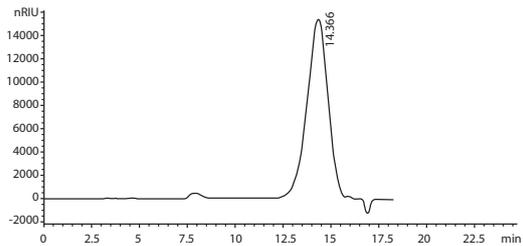
Risperidone Tablets



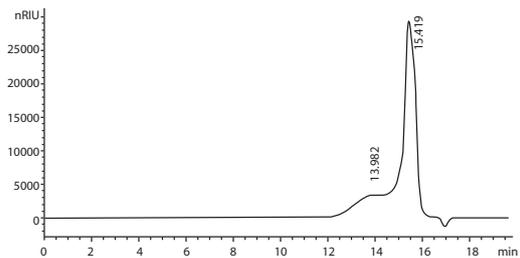
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	Risperidone	21.090	24.87	783.235	100.000	10113	0.00	0.95

Column: Welch Xtimate® C18, 3µm, 4.6 × 100mm
 Wavelength: 275nm
 Mobile Phase: 0.5% ammonium acetate (adjust pH to 7.0 with triethylamine) / acetonitrile = 78/22
 Temperature: ambient 25°C
 Flow Rate: 1.5ml/min
 Injection Volume: 10µl

Maltodextrin



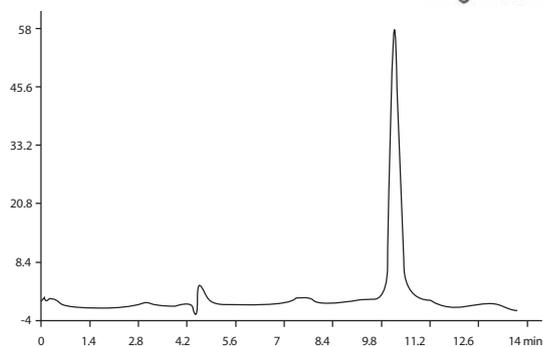
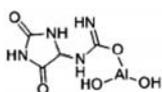
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
14.366	1.18082e6	1.53074e4	1.25	1.1752	828



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
13.982	2.40941e5	3407.84790	4.02	1.1647	795	-	-
15.419	1.16944e6	2.93489e4	1.01	0.5055	5157	1.01	1.10

Column: Welch Xtimate® SEC-300, 5µm, 78 × 300 mm
 Detector: RID, 35°C
 Mobile Phase: 0.71% Na₂SO₄ solution
 Temp.: 30°C
 Injection Volume: 20µl

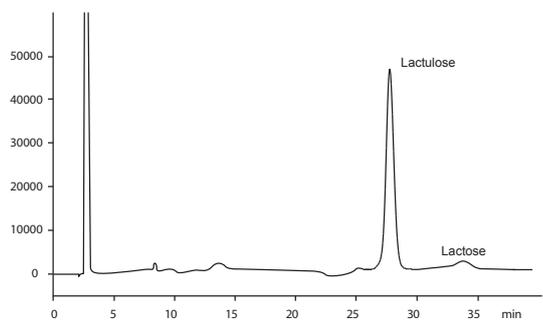
Aldioxa



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	10.199	5632	99511.5	100.000	7515	0.00	1.22

Column: Welch Ultisil™ NH₂-3, 5µm, 4.6 × 250mm
Wavelength: 223nm
Mobile Phase: Acetonitrile/water=90/10
Temp.: 30°C
Flow Rate: 1.0ml/min
Injection Volume: 10µl

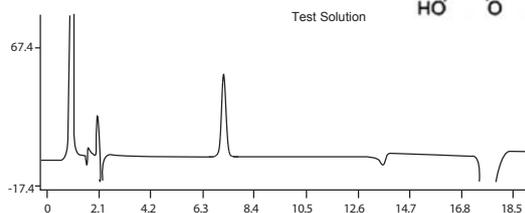
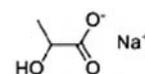
Lactulose



Ret Time [min]	Area [nRIU*s]	Height [nRIU]	Symm.	Width [min]	Plates	R	Selectivity
27.625	1.89472e6	4.56318e4	0.86	0.6192	11028	-	-
32.949	1.68391e5	1854.49194	0.72	1.3896	3113	3.11	1.19

Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6 × 250mm
Detector: RID
Mobile Phase: Acetonitrile/phosphate buffer(sodium dihydrogen phosphate 1.15g, dissolve in 1000ml water)=84/16
Temperature: Detector 40°C, column 40°C
Flow rate: 1.5ml/min
Injection volume: 20µl

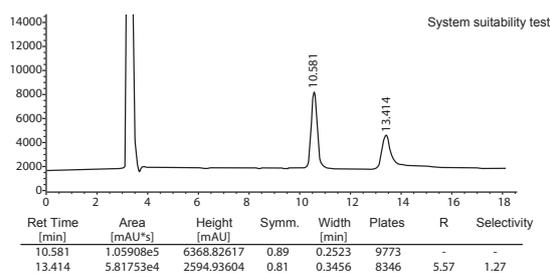
Sodium lactate



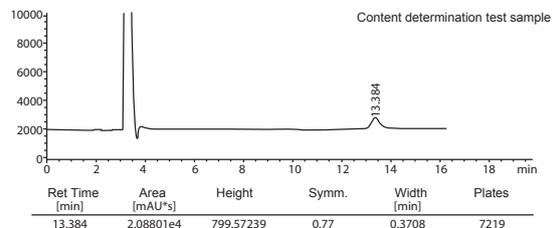
ID	Sample	RetTime [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor
1	Sodium lactate	7.397	4795	53058.3	100.000	10079	1.30

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6 × 150mm
Wavelength: 210nm
Mobile Phase: methanol/dicyclohexylamine/water=1/1/998
Temp.: 30°C
Flow Rate: 1.0ml/min
Injection Volume: 20µl

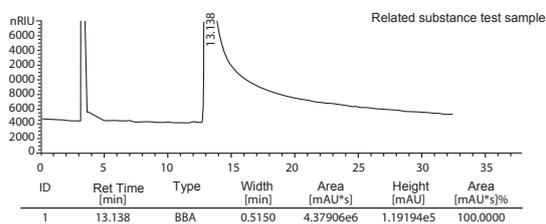
Lactose



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
10.581	1.05908e5	6368.82617	0.89	0.2523	9773	-	-
13.414	5.81753e4	2594.93604	0.81	0.3456	8346	5.57	1.27



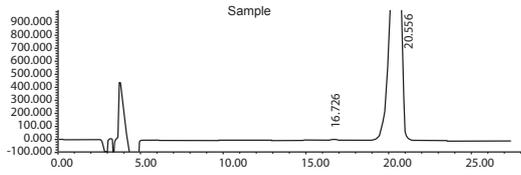
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
13.384	2.08801e4	799.57239	0.77	0.3708	7219



ID	Ret Time [min]	Type	Width [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%
1	13.138	BBA	0.5150	4.37906e6	1.19194e5	100.0000

Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6 × 250mm
Detector: RID (40°C)
Mobile Phase: acetonitrile /water=70/30
Temperature: 45°C
Flow Rate: 1.0ml/min
Injection Volume: 10µl

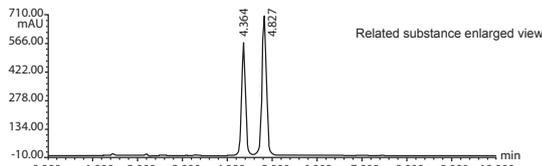
Levofloxacin Lactate and Sodium Chloride Injection



ID	Ret Time [min]	Half Width [min]	Plates	R	Tailing Factor
1	16.726	0.558	4983	2.040	0.732
2	20.556	0.800	3660	3.322	0.761

Column: Welch Ultisil™ XB-C18, 5µm, 4.6 × 250mm
 Mobile Phase: (D- phenylalanine(PHE) 1.32g, CuSO₄ 1.00g to 1000ml water, adjust pH=3.50 with NaOH) /methanol=82/18
 Wavelength: 293nm
 Column: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

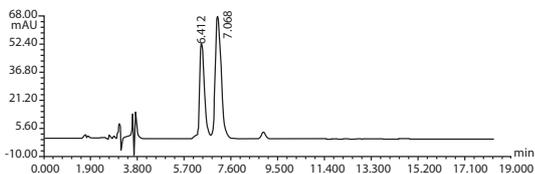
Salbutamol Aerosol



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	4.364	56825	360935.9	42.040	1.04	10646	0.00
2	4.827	70391	497621.1	57.960	0.89	10516	2.59

Column: Welch Ultisil™ XB-C8, 5µm, 4.6 × 150mm
 Mobile Phase: Sodium heptanesulfonate solution (sodium heptanesulfonate 2.87g and monopotassium phosphate 2.5g, dissolve in water and dilute to 1000ml, adjust pH to 3.65 with phosphoric acid 3.65) /acetonitrile=78/22
 Wavelength: 220nm
 Temp.: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Notes: be sensitive to injection volume and sample dissolve solvent

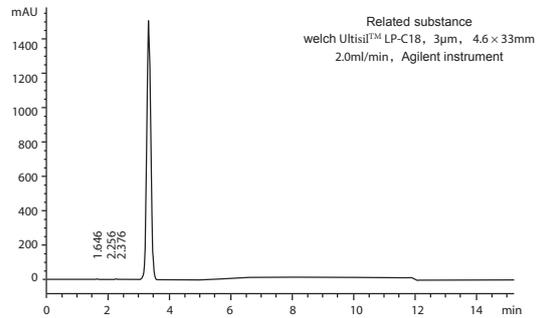
Salbutamol Aerosol



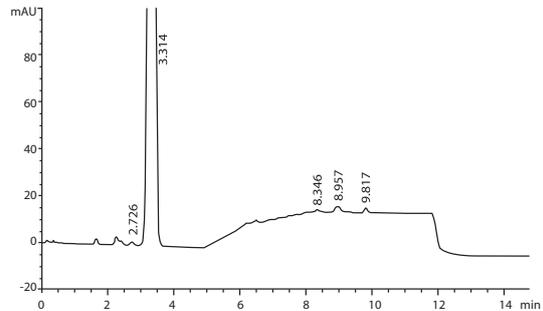
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	6.412	5272	71955.7	39.330	1.41	4978	0.00
2	7.068	6783	110999.1	60.670	1.34	4208	1.64

Column: Welch Ultisil™ Polar-RP, 5µm, 4.6 × 250mm
 Mobile Phase: methanol/0.1% ammonium acetate solution=20/80
 Wavelength: 276nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Note: there is no reservation under original pharmacopoeia conditions

Simvastatin



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
1.646	13.09553	2.36434	1.01	0.0850	2079	-	-
2.256	27.23027	3.60778	0.81	0.1250	1806	3.14	1.37
2.376	10.79848	1.73264	0.22	0.1003	3113	0.63	1.05



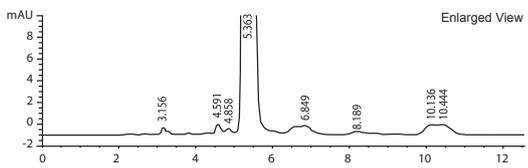
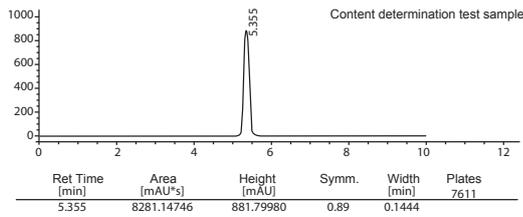
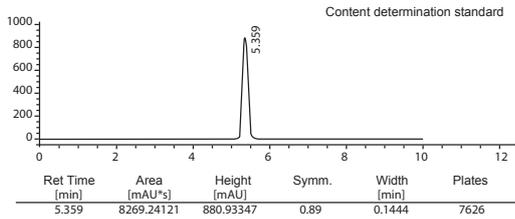
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
2.726	12.37655	1.57047	0.90	0.1200	2860	1.86	1.15
3.314	1.44163e4	1508.54871	0.90	0.1481	2774	2.58	1.22
8.346	14.17663	1.18942	0.77	0.1583	15395	19.30	2.52
8.957	37.10912	2.53645	0.62	0.1950	11688	2.03	1.07
9.817	15.25319	2.05185	0.96	0.1133	41564	3.28	1.10

Wavelength: Welch Ultisil™ XB-C18, 3µm, 4.6 × 33mm
 Welch Ultisil™ AQ-C18, 3µm, 4.6 × 33mm
 Welch Ultisil™ LP-C18, 3µm, 4.6 × 33mm
 Welch Ultisil™ XB-C18, 1.8µm, 4.6 × 33mm

Mobile Phase	Time (min)	A%(0.1%phosphoric acid solution /acetonitrile=50/50)	B%(0.1 phosphoric acid solution)
	0	100	0
4.5	100	0	
4.6	95	5	
8	25	75	
11.5	25	75	
11.6	100	0	
13	100	0	

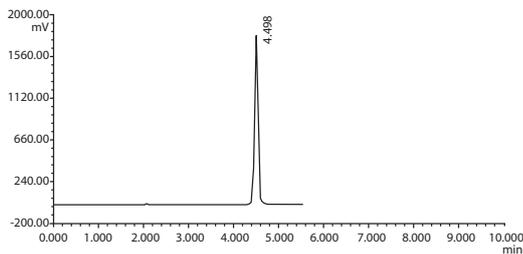
Wavelength: 238nm
 Temperature: 30°C
 Flow Rate: 3.0ml/min (Welch Ultisil™ XB-C18, 1.8µm, 4.6 × 33mm use 2.0ml/min)
 Injection Volume: 10µl

Potassium Sodium Pehydroandroa



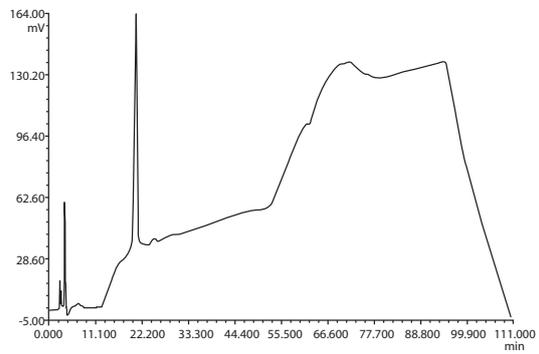
Column: Welch Ultisil™ XB-Phenyl, 5µm, 4.6×250mm
 Wavelength: 250nm
 Mobile Phase: Ethanol/water/glacial acetic acid=50/50/0.1
 Temperature: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Phenobarbital



Column: Welch Ultisil™ XB-C8, 3µm, 4.6×150
 Wavelength: 220nm
 Mobile Phase: acetonitrile/water=30/70
 Temp.: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 5µl

Monosialotetrahexosyl Ganglioside Sodium

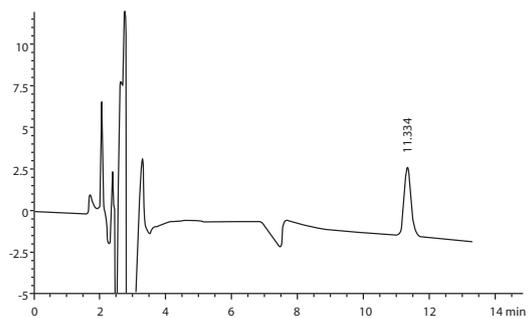


Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6×250mm
 Wavelength: 205nm
 Mobile Phase: A: 5mmol monopotassium phosphate pH5.6 (adjust pH with NaOH and H₃PO₄) /acetonitrile=17/83, B: 20mmol monopotassium phosphatepH5.6 ((adjust pH with NaOH and H₃PO₄) /acetonitrile

Gradient Program:

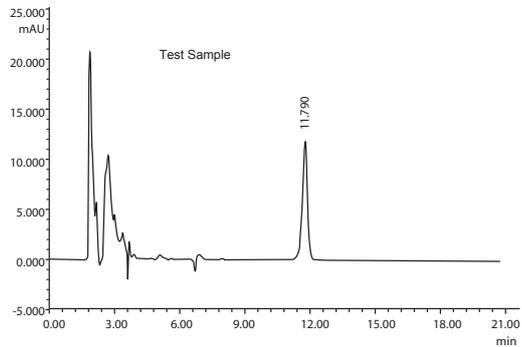
Time (min)	A(%)	B(%)
0	100	0
6.4	100	0
10.4	93	7
48	77	23
90	0	100
110	100	0

Temp.: 30°C
 Flow rate: 1.0ml/min
 Injection Volume: 20µl



Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6×250mm
 Wavelength: 205nm
 Mobile Phase: acetonitrile/THF/0.1mol/Lphosphoric acid=66/8/34
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

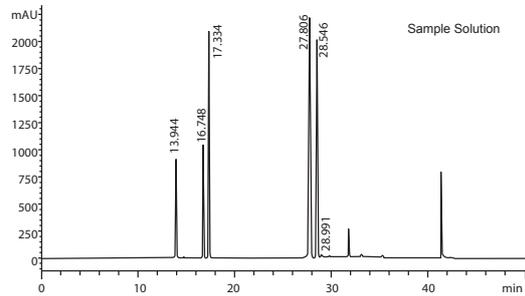
Domiphen Bromide Buccal Tablets



ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]%	C	Plates	R	Tailing Factor
1	11.790	0.249	11472.3	192017.2	100.0000	100.0000	12388	0.000	0.869

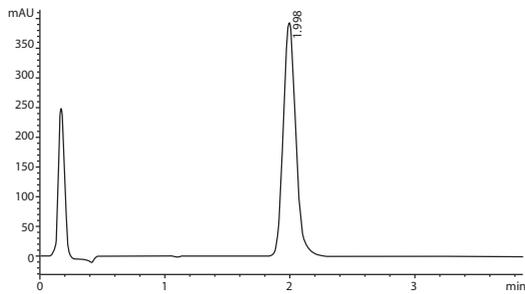
Column: Welch Ultisil™ XB-SCX- II , 5µm, 4.6×250mm
Mobile Phase: Methano/0.05mol/LNaAc=80/20
Wavelength: 274nm
Temperature: Ambient
Flow rate: 1.0ml/min
Injection Volumn: 100µl

Roflumilast



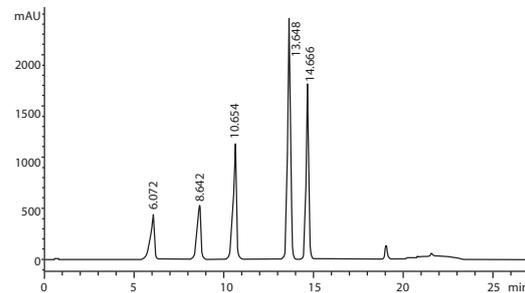
Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
Wavelength: 215nm
Mobile Phase: A: 0.005M MAP, adjust pH to 3.5 by H₃PO₄
 B: acetonitrile, B=20% (0min) , 60% (15min) , 30% (21min) , 95% (30-38min) , 20% (39-50min)
Temp.: 30°C
Flow Rate: 1.0ml/min
Injection Volume: 20µl

Finasteride



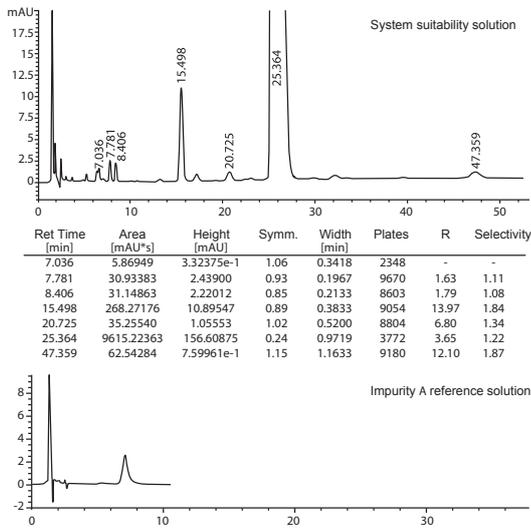
Ret Time [min]	Area [mAU*s]	Half Width	UspTailing	Symm.
1.998	2698.3	0.10277	1.15954	0.87453

Column: Welch Ultisil™ XB-C8, 3µm, 3.0 × 30mm
Wavelength: 215nm
Mobile Phase: Water/THF=80/20
Temperature: 30°C
Flow Rate: 1.5ml/min
Injection Volume: 10µl



Column: Welch Ultisil™ XB-C18, 1.8µm, 4.6 × 50mm 215nm
Wavelength: A: 0.005M MAP, pH 3.5 adjust with H₃PO₄,
 B: acetonitrile, B=20% (0min) , 60% (18.4min) , 95% (20.2-21.8min) , 20% (22-24.2min) 30% (21min) , 95% (30-38min) , 20% (39-50min)
Temp.: 30°C
Flow Rate: 1.0ml/min
Injection Volume: 20µl

Roxithromycin

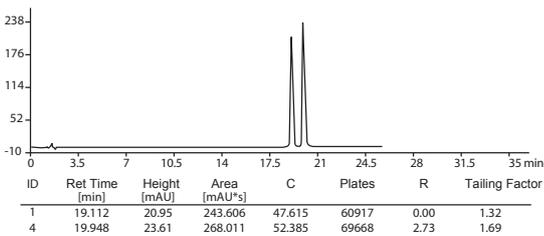


Column: Welch Ultisil Plus-C18, 5µm, 4.6 × 150mm
 Mobile Phase: A: buffer solution/acetonitrile=74/26
 Gradient B: water/acetonitrile=30/70
 Program:

Time (min)	Mobile PhaseA(%)	Mobile PhaseB(%)
0	100	0
50	100	0
51	90	10
80	90	10
81	100	0
100	100	0

Wavelength: 205nm
 Temperature: 15°C
 Flow Rate: 1ml/min
 Injection Volume 20µl
 Note: low column temperature

Montelukast Sodium

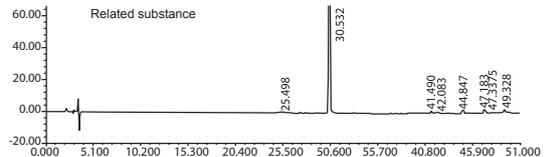


Column: Welch Ultisil™ XB-Phenyl, 3µm, 4.6 × 150mm
 Wavelength: 255nm
 Mobile Phase: A: 0.2%TFA water solution B: methanol/acetonitrile=60/40
 Gradient Program:

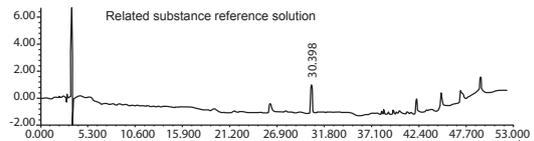
Time (min)	A(%)	B(%)
0	48	52
5	45	55
12	45	55
22	25	75
23	25	75
25	48	52
30	48	52

Temperature: 50°C
 Flow rate: 1.5ml/min
 Injection Volume: 20µl

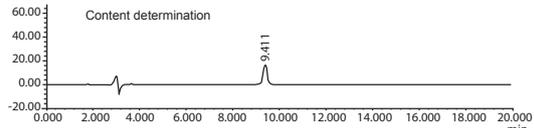
Pantoprazole Sodium



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	pantoprazole sodium	25.498	65	3114.1	1.060	0.91	6389	0.00
2	sodium	30.532	28001	277651.1	94.531	0.87	213856	6.54
3		41.490	169	1500.4	0.511	1.22	492643	43.79
4		42.083	97	2340.7	0.797	1.10	68601	1.35
5		44.847	219	3441.0	1.161	1.34	187008	5.23
7		47.375	118	1011.1	0.344	2.44	689418	0.68
8		49.328	152	1650.2	0.562	0.93	465650	7.55



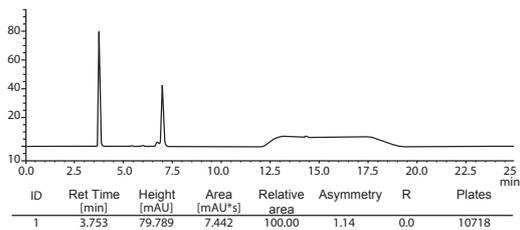
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	pantoprazole sodium	30.398	204	2016.4	100.000	1.00	213337	0.00
2	sodium	30.398	204	2016.4	100.000	1.00	213337	0.00



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	pantoprazole sodium	9.411	1664	18259.6	100.000	0.86	16574	0.00

Column: Welch Xtimate® C18, 5µm, 4.6×250mm
 Wavelength: 289nm
 Mobile Phase: 0.01M K₂HPO₄/acetonitrile=90/10 (0min) ,
 Content 60/40 (30min) , 15/85 (45min)
 Determination: 0.01MK₂HPO₄/acetonitrile=65/35
 Temperature: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Malic Acid

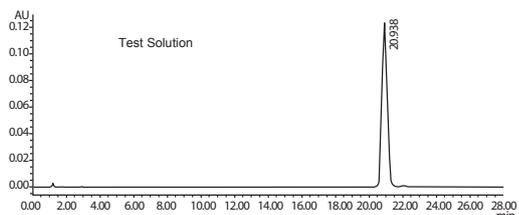


Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 214nm
 Mobile Phase: A: 0.1% phosphoric acid B: methanol
 Gradient Program:

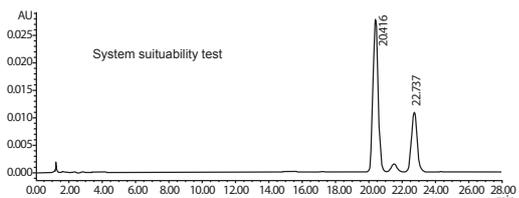
Time (min)	A(%)	B(%)
0.0	90	10
8.0	90	10
14.0	65	35
15.0	90	10
25.0	90	10

Temperature: 30°C Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Prednison



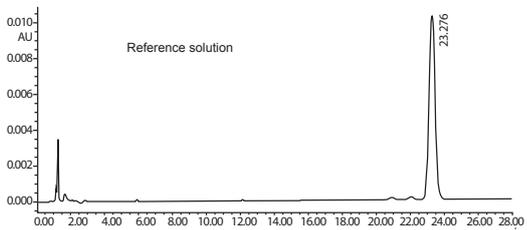
ID	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Height [mAU]%	Plates	K'	Symm.
1	20.938	2697138	100.00	123161	100.00	2.117657e+004	1.993824e+001	1.076351e+000



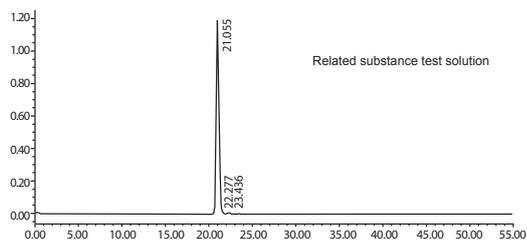
ID	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Height [mAU]%	Plates	K'	Symm.
1	20.416	592314	69.73	27651	71.87		1.941557e+001	1.066098e+000
2	22.737	257130	108.25	28.13	3.926969e+000	3.116622e+004	2.173739e+001	

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×150mm
 Wavelength: 240nm
 Mobile Phase: acetonitrile/water=24/76
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Cortisone



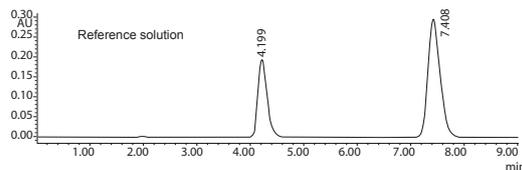
ID	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Height [mAU]%	Plates	K'	Symm.
1	23.276	246979	100.00	10222	100.00	2.142596e+004	2.227646e+001	1.057352e+000



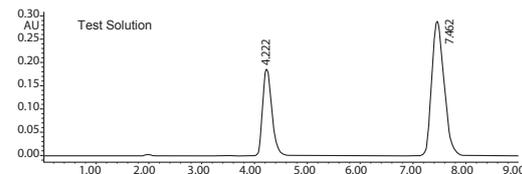
ID	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Height [mAU]%	Plates	K'	Symm.
1	21.055	26566968	98.96	1193494	99.06		2.005500e+001	1.073348e+000
2	22.277	216606	0.81	8779	0.73	2.023829e+000	2.12691e+001	
3	23.436	63569	0.24	2553	0.21	1.818129e+000	2.243649e+001	9.715987e-001

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×150mm
 Wavelength: 240nm
 Mobile Phase: acetonitrile/water=24/76
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Prednisolone

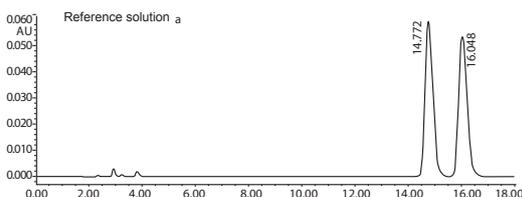


Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Height [mAU]%	R	Plates	K'	Symm.
4.199	2336467	32.77	193249			2.894021e+003	3.199224e+000	1.285599E+000
7.408	4793249	67.23	6041	8.674082e+000		4.759507e+003	6.407547e+000	1.206120E+000

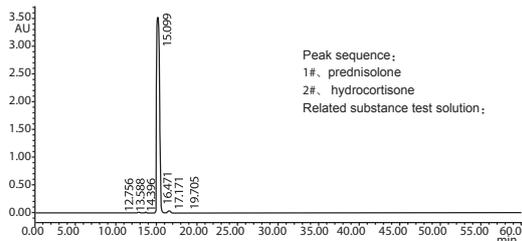


Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Height [mAU]%	R	Plates	K'	Symm.
4.222	2337068	32.34	186421	39.24		2.908880e+003	3.221683e+000	1.288205E+000
7.462	4680876	67.66	288638	60.76	8.770363e+000	4.867386e+003	6.462177e+000	1.199147206120E+000

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 240nm
 Mobile Phase: methanol/water=65/35
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl



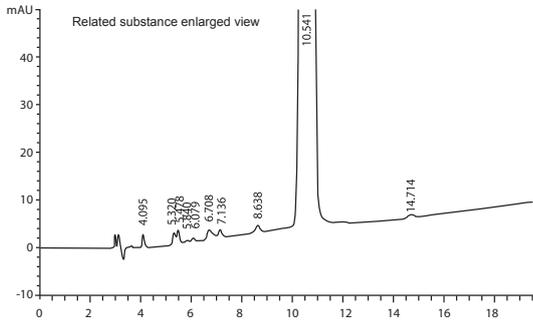
Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Height [mAU]%	R	Plates	K'	Symm.
14.772	1199586	51.00	59330	52.58		1.2523964e+004	1.377182e+001	1.240914e+000
16.048	1152722	53.999	47.42	2.345711e+000	1.300488e+004	1.504786e+001	1.232222E+000	



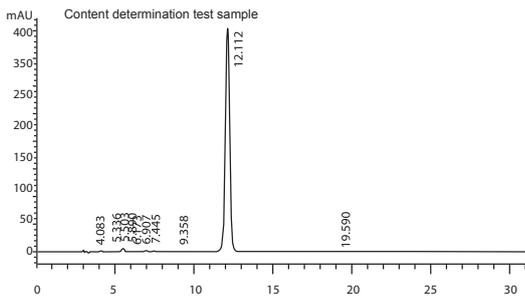
Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Height [mAU]%	R	Plates	K'	Symm.
12.756	251721	0.29	15788	0.44		1.62546e+004	1.175578e+001	1.100107e+000
13.588	228243	0.26	13492	0.37	1.988721e+000	1.53384e+004	1.25788e+001	1.027830e+000
14.396	71250	0.08	3689	0.10			1.339579e+001	
15.099	85278650	98.05	3531507	97.60		8.776860e+003	1.409889e+001	1.267914e+000
16.471	892650	1.03	42741	1.18	2.330943e+000	1.511895e+004	1.547106e+001	
17.171	170361	0.20	7998	0.22	1.291020e+000	1.551646e+004	1.617100e+001	
19.705	83955	0.10	3099	0.09	4.006917e+000	1.209714e+004	1.870464e+001	8.473197e-001

Related substance analysis (according to Europe Pharmacopeia 5.0) :
 Column: Welch Ultisil™ XB-C18, 5µm, 4.6 × 250mm
 Wavelength: 240nm
 Mobile Phase: THF/water=22/78
 Temperature: 45°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Penicillin



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
4.095	16.13250	2.71135	0.92	0.52	11460	-	-
5.320	17.13356	2.46299	1.15	1.15	9755	6.64	1.30
5.478	20.52213	2.76067	1.02	1.02	10461	0.74	1.03
5.840	3.75070	4.34781e-1	1.28	1.28	8473	1.54	1.07
6.079	7.04234	7.80992e-1	1.12	1.12	11182	0.99	1.04
6.708	31.64359	2.06500	0.52	0.52	2800	1.70	1.10
7.136	16.28479	1.70229	0.94	0.94	13594	1.14	1.06
8.638	17.24736	1.50546	1.14	1.14	13494	5.52	1.21
10.541	4.08032e4	2445.97925	0.66	0.66	9277	5.17	1.22
14.714	9.49216	5.97112e-1	1.55	1.55	9968	8.11	1.40



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
4.083	9.84815	1.58264	0.86	0.0900	11404	-	-
5.336	14.72262	2.10291	1.58	0.1145	12024	7.20	1.31
5.503	46.31132	5.44414	0.99	0.1308	9802	0.80	1.03
5.890	3.08222	2.00637e-1	1.27	-	-	-	1.07
6.173	2.83763	1.92366e-1	0.76	0.2468	3467	-	1.05
6.907	24.88329	1.69122	0.82	0.2233	5298	1.83	1.12
7.445	11.76438	8.80965e-1	1.19	0.1867	8817	1.54	1.08
9.358	3.59302	2.23168e-1	1.44	0.2217	9871	5.50	1.26
12.112	7480.26758	402.20474	0.90	0.2782	10499	6.47	1.29
19.590	1.48128	5.25742e-2	1.26	0.4167	12250	12.65	1.62

Column: Welch Ultisil™ XB-ALK, 5µm, 4.6 × 250mm
 Mobile Phase: A: 0.5mol/LKH₂PO₄ (pH3.5 adjust by H₃PO₄) / methanol/water=10/30/60 B: 0.5mol/LH₃PO₄ (pH3.5 adjust by H₃PO₄) /methanol/water=10/50/40

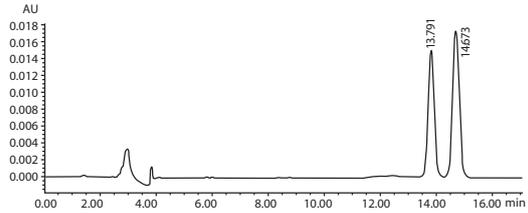
Gradient Program:

Time (min)	A(%)	B(%)
0	70	30
20	0	100
35	0	100
50	70	0

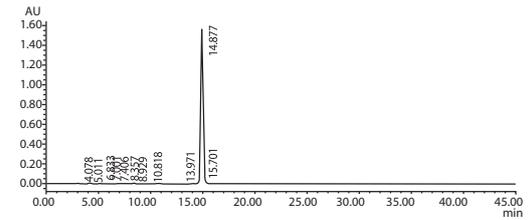
Wavelength: 225nm
 Temp.: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl

Note: Be sensitive to injection volume and sample dissolve solvent

Hydrocortisone



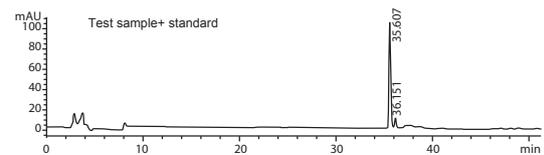
ID	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Height [mAU]%	R	Plates	K'	Symm.
1	13.791	232719	45.22	15065	46.54	-	1.838385e+004	1.758247e+000	1.062497e+000
2	14.673	281881	54.78	17307	53.46	2.115422e+000	1.872243e+004	1.934583e+000	1.052475e+000



ID	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]	Height [mAU]%	R	Plates	K'	Symm.
1	4.078	61889	0.24	9955	0.63	-	1.278959e+004	1.843215e+001	-
2	5.011	5222	0.02	8570.05	6.094417e+000	1.547972e+000	1.521274e+004	2.127383e+003	1.198650e+000
3	6.833	19509	0.07	2220	0.14	9.561077e+000	1.547972e+004	3.66510e+001	1.122945e+000
4	7.001	12068	0.05	1335	0.08	1.155022e+000	1.359760e+004	4.199099e+001	9.790721e+001
5	7.406	17747	0.07	1932	0.12	1.265729e+000	1.498868e+004	4.811981e+001	-
6	8.357	56057	0.22	5641	0.35	3.767934e+000	1.602742e+004	6.713511e+001	-
7	8.929	4530	0.02	494	0.03	2.218594e+000	1.991675e+004	7.857718e+001	1.063975e+000
8	10.818	12212	0.05	991	0.06	6.540425e+000	1.761612e+004	1.163511e+000	1.161049e+000
9	13.971	49823	0.19	3275	0.21	8.694198e+000	1.939840e+004	1.794104e+000	9.331469e+001
10	14.877	2573167	98.98	1563407	98.23	2.178259e+000	1.882928e+004	1.975485e+000	1.035932e+000
11	15.701	26692	0.10	1445	0.09	1.724608e+000	1.433797e+004	2.140296e+000	1.027360e+000

Column: Welch Ultisil™ XB-C18, 5µm, 4.6 × 150mm
 Wavelength: UV 245nm
 Mobile Phase: acetonitrile/water=28/72
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Itraconazole



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
35.607	1316.09534	103.83817	0.99	0.1983	178559	-	-
36.151	106.44313	9.20873	0.92	0.1850	211535	1.67	1.02

Column: Ultisil™ LP-C18, 5µm, 4.6 × 250mm
 Mobile Phase: A: acetonitrile B: 0.5% TBAH solution (10% C) adjust pH 2.0 with phosphoric acid

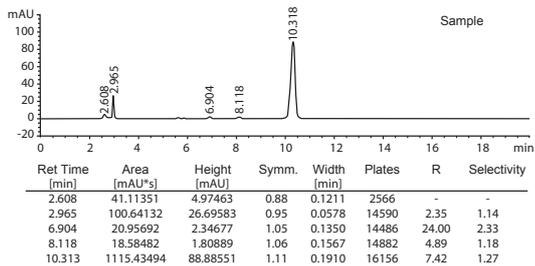
Gradient Program:

Time (min)	A(%)	B(%)
0	30	70
30	50	50
35	60	40

Wavelength: 225nm
 Temp.: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl

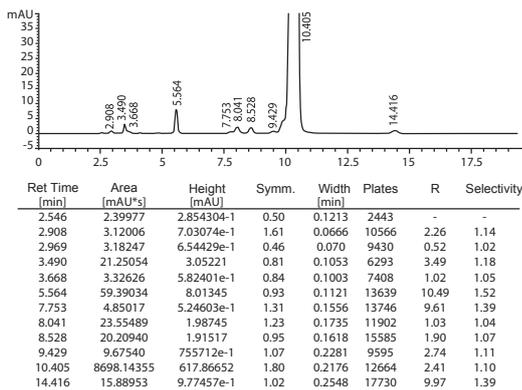
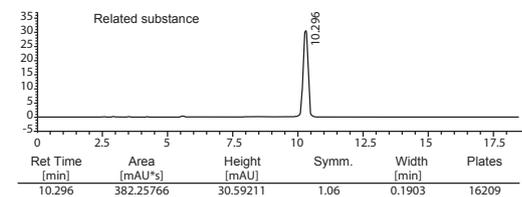
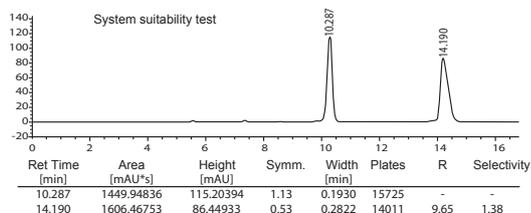
Notes: Be sensitive to injection volume and sample dissolve solvent

Clindamycin Phosphate for Injection



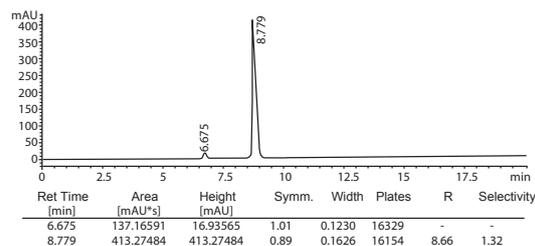
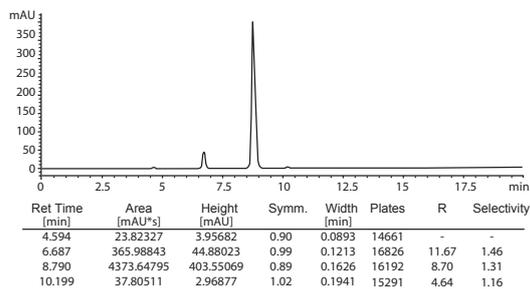
Column: Welch Ultisil™ XB-C8, 5µm, 4.6×250 mm
 Wavelength: 210nm
 Mobile Phase: 10.54gKH₂PO₄, water775mL, adjust pH 2.5 with H₃PO₄/acetonitrile=775/225
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Clindamycin Phosphate for Injection



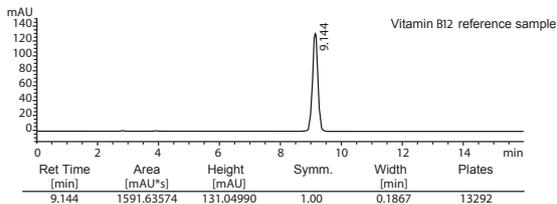
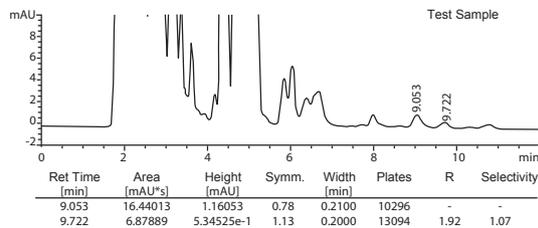
Column: Welch Ultisil™ XB-C8, 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: 10.54gKH₂PO₄, water775mL, adjust pH 2.5 with H₃PO₄/acetonitrile=775/225
 Temp.: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Cytidine Disodium Triphosphate for Injection



Column: Welch Ultisil™ AQ-C18, 5µm, 4.6 × 250mm
 Wavelength: 271nm
 Mobile Phase: 0.2mol/L phosphate buffer Na₂HPO₄35.8g, K₂HPO₄13.6g, water 900ml, adjust pH to 7.0 with 1mol/LNaOH TBAB 1.61g, add water to 1000ml)
 Temp.: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

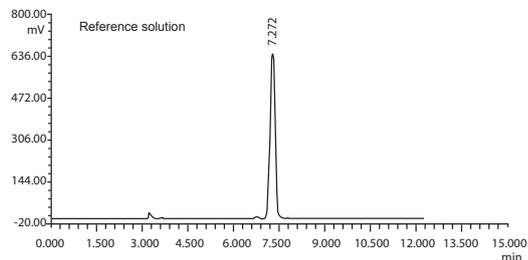
Water-soluble Vitamin for Injection



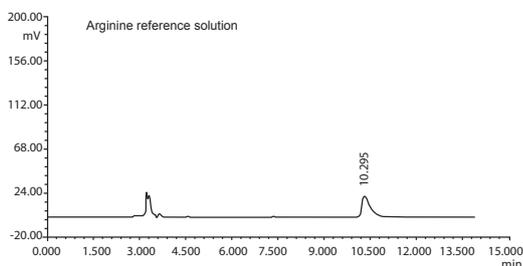
Column: Welch Xtimate® C18, 5µm, 4.6 × 250mm
 Wavelength: 360nm
 Temp.: 40°C
 Injection Volume: 20µL
 Mobile Phase: Gradient Program

Time (min)	A(%)	B(%)
0	100	0
13	100	0
28	0	100
38	100	0

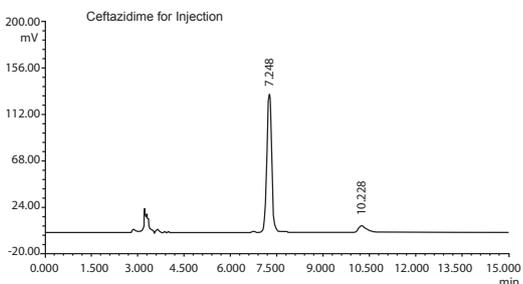
Ceftazidime for Injection



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	头孢他啶	7.272	64.13	695.115	100.000	10153	1.05	0.00



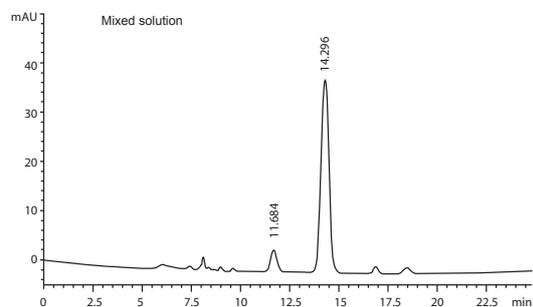
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	Arginine	10.295	2.04	38.269	100.000	6820	2.42	0.00



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	Ceftazidime	7.248	13.10	142.882	92.518	9961	1.06	0.00
2	Arginine	10.228	0.63	11.555	7.482	7.59	2.16	7.67

Column: Welch Ultisil™ Diol, 5µm, 250×4.6mm
 Wavelength: 206nm
 Mobile Phase: acetonitrile/pH2.0 phosphate buffer (NH₄PO₃ 1.15g, dissolve in 800ml water , adjust pH 2.0 with phosphoric acid, dilute in water to 1000ml, blend) = 82/18
 Temp.: ambient 24°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

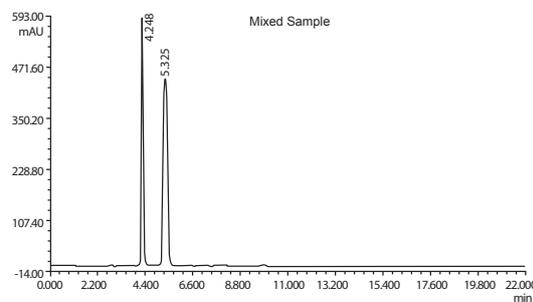
Invert Sugar Injection



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity	Sample
11.684	99.01446	4.40751	0.97	0.3467	6292	-	-	Glucose
14.296	1096.29028	39.15329	0.97	0.4300	6124	3.95	1.22	Fructose

Column: Welch Xtimate® Sugar-Ca, 8µm, 78×300mm
 Mobile Phase: Pure Water
 Wavelength: 200nm
 Temp.: 80°C
 Flow Rate: 0.5ml/min
 Injection Volume: 20µl

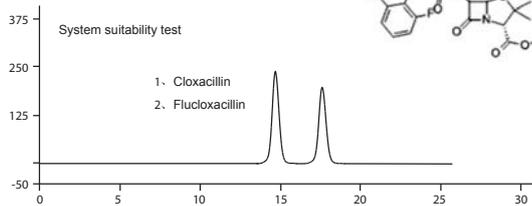
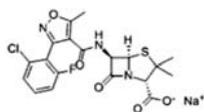
Citicoline Sodium



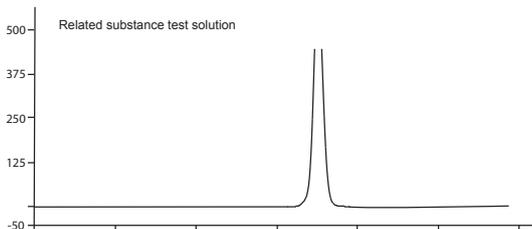
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	Citicoline Sodium	4.248	59231	349372.6	36.699	1.37	11700	0.00
2	5'-CMP	5.325	44456	602615.9	63.301	1.10	3481	4.16

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Mobile Phase: Methanol/phosphate buffer solution=5/95
 Wavelength: 276nm
 Temp.: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Note: Be sensitive to injection volume and sample dissolve solvent

Flucloxacillin Sodium



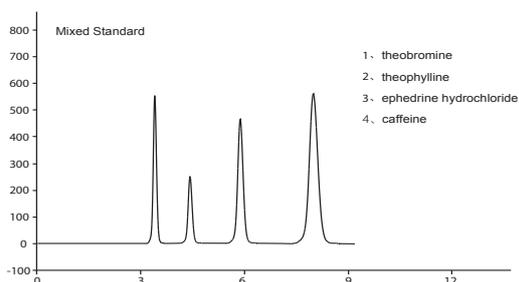
ID	Sample	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	R	Symm.	Plates
1	n.a.	14.720	96.152	49.34	4.15	0.95	8431
2	n.a.	17.667	98.730	50.66	n.a.	0.94	8172



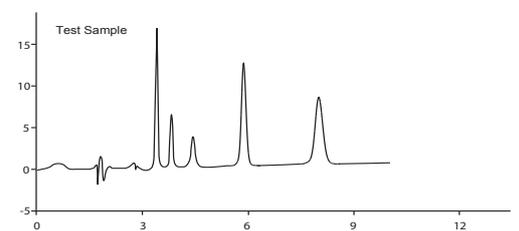
ID	Sample	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	R	Symm.	Plates
1	n.a.	5.327	2.194	0.27	22.75	1.40	7291
2	n.a.	17.520	797.931	99.41	16.34	1.09	7209
3	n.a.	39.293	2.511	0.31	n.a.	0.94	7244

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×150mm
 Wavelength: 225nm
 Mobile Phase: 2.7g/L KH₂PO₄ solution (adjust pH to 5.0 with NaOH)/acetonitrile=75/25
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Compound Phenytoin Sodium, Ephedrin Hydrochloride and Theophylline Granule

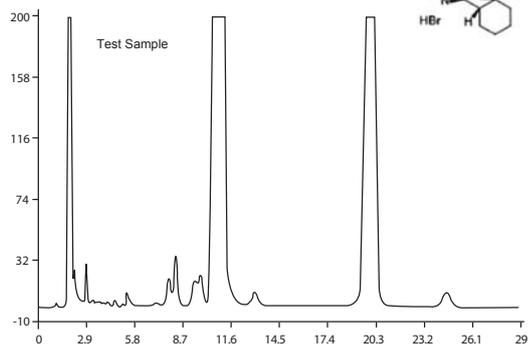
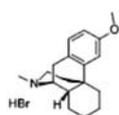


ID	Ret Time [min]	Half Width [min]	Height [uAU]	Area [uAU*s]	Plates	R	Tailing Factor
1	3.4557	0.1060	544476.5	3763850.8	5887	0.000	0.972
2	4.4057	0.1273	243266.0	2052916.5	6813	5.089	0.953
3	5.9073	0.1710	460228.4	5092590.6	6611	5.690	0.874
4	8.0387	0.2573	552803.6	8965015.9	5406	5.859	0.874



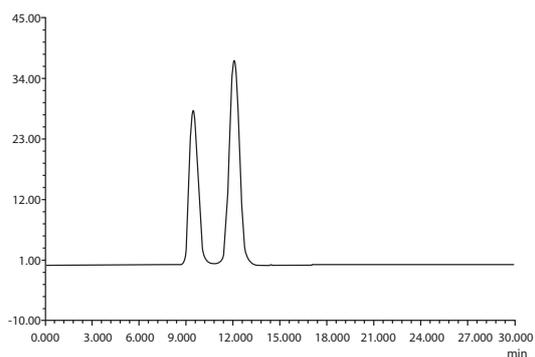
Column: Welch Ultisil™ XB-C18, 3µm, 4.6 × 150mm
 Wavelength: 215nm
 Mobile Phase: 0.05mol/L KH₂PO₄/methanol/TEA = 77/23/0.2
 Temperature: 42°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Compound Dextromethorphan Hydrobromide Syrup



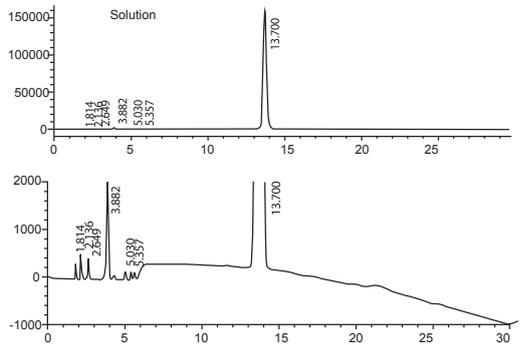
Column: Welch Ultisil™ XB-C8, 5µm, 4.6×250mm
 Wavelength: 205nm
 Mobile Phase: 1%H₃PO₄(contain 0.34%KH₂PO₄)/methanol=65/35
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Fructose and Glucose



Column: Welch Xtimate® Sugar-Ca , 10µm, 7.8mm×300mm
 Mobile Phase: Ultrapure water
 Flow Rate: 0.6ml/min
 Temperature: 80°C; RID Temperature: 40°C
 Injection Volume: 10µl
 mixed standard solution (Fructose and glucose's concentration are 3.9mg/ml and 6.0mg/ml respectively)

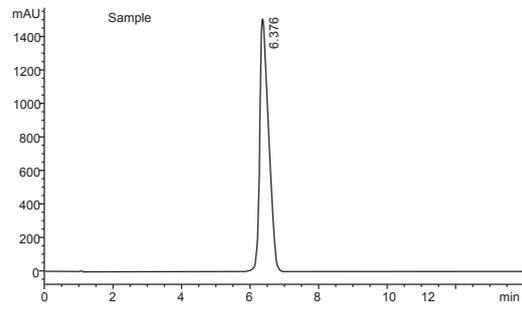
Meropenem



ID	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	R	Plates	Tailing Factor(10%)
1	1.814	1079	0.041	0.000	22134.771	1.431
2	2.136	2311	0.088	2.193	19294.942	4.598/
3	2.649	2221	0.084	4.077	26982.497	0.750
4	3.882	17102	0.650	7.089	20182.497	0.858
5	5.030	1177	0.045	5.605	44286.677	1.067
6	5.357	1119	9.043	1.799	50075.640	1.137
7	13.700	2605130	99.049	26.245	61410.428	1.163

Column: Welch Xtimate® C18, 5µm, 4.6×250mm
 Wavelength: 220nm
 Mobile Phase: 0.1%TEAsolution (adjust pH to 5.0±0.1 with H₃PO₄) / acetonitrile=93.5/6.5
 Temp.: 35°C
 Flow Rate: 1.4ml/min
 Injection Volume: 10µl

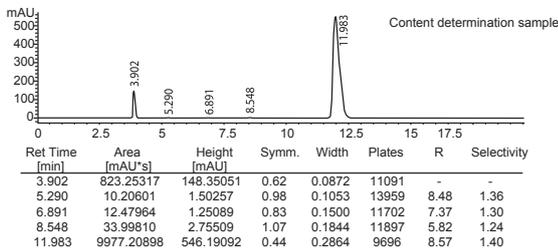
Meloxicam



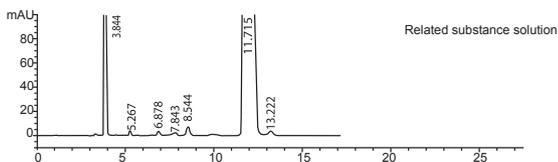
Ret Time [min]	Height [mAU]	Area [mAU*s]	Half Width [min]	Tailing Factor	Symm.
6.376	1491.86	28618.6	0.31278	1.37715	0.49806

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×150mm
 Wavelength: 260nm
 Mobile Phase: 1g/L KH₂PO₄, pH6.0, adjust by 1M NaOH pH / methanol=60/40 (0-2min) , 30/70 (10-15min)
 Temp.: 45°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Mezlocillin Sodium and Sulbactam Sodium



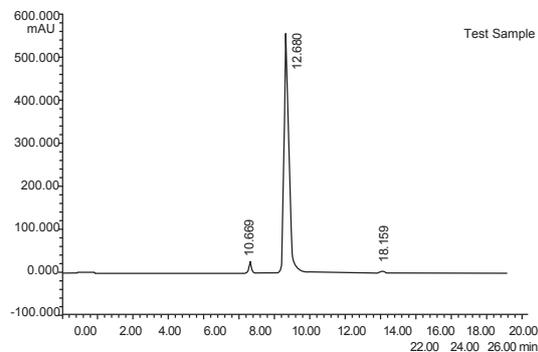
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width	Plates	R	Selectivity
3.902	823.25317	148.35051	0.62	0.0872	11091	-	-
5.290	10.20601	1.50257	0.98	0.1053	13959	8.48	1.36
6.891	12.47964	1.25089	0.83	0.1500	11702	7.37	1.30
8.548	33.99810	2.75509	1.07	0.1844	11897	5.82	1.24
11.983	9977.20898	546.19092	0.44	0.2864	9696	8.57	1.40



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm. 因子	Width	Plates	R	Selectivity
3.844	2349.03198	342.84799	0.44	0.1081	6998	-	-
5.267	28.86551	3.90130	0.92	0.1187	10925	7.37	1.37
6.878	34.04496	3.45840	0.92	0.1547	10951	6.93	1.31
7.843	39.07454	2.30120	3.15	0.2233	6833	3.00	1.14
8.544	93.69919	7.38169	1.12	0.1901	11191	1.99	1.09
11.715	2.68267e4	1128.10461	0.24	0.3779	5325	6.56	1.37
13.222	56.27285	3.38882	0.96	0.2644	13852	2.76	1.13

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Mobile Phase: Methanol/0.2mol/L NaH₂PO₄/10%TBAH/ water=51/50/8/432
 Wavelength: 230nm
 Temp.: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

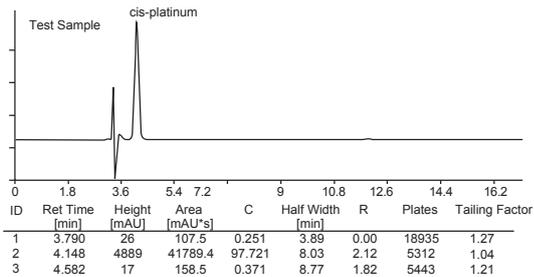
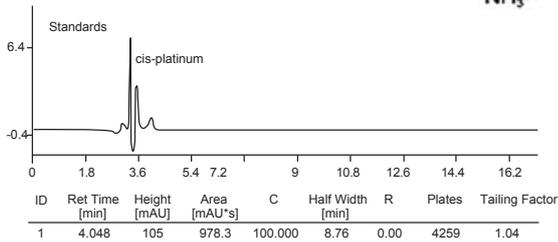
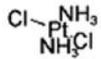
Pipercillin Sodium



ID	RetTime [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]%	C	Plates	R	Tailing Factor
1	10.669	0.170	18376.8	221580.7	2.0804	21904	0.000	0.936	
2	12.680	0.263	552676.810418177.5	97.8175	97.8157	12844	5.461	1.410	
3	18.159	0.313	560.9	10864.6	0.1020	0.1020	18606	11.187	0.857

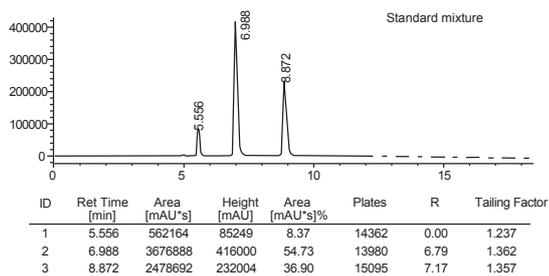
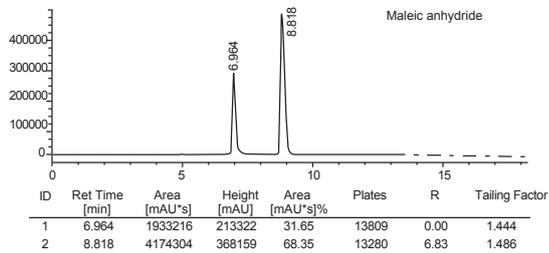
Column: Welch Ultisil™ SEC-120, 5µm, 7.8×300mm
 Mobile Phase: phosphate buffer, pH 7.0 (0.005mol/L Na₂HPO₄ / 0.005mol/L NaH₂PO₄ =61/39
 Wavelength: 254nm
 Temp.: 40°C
 Flow Rate: 0.6ml/min
 Injection Volume: 10µl

Cis-platinum



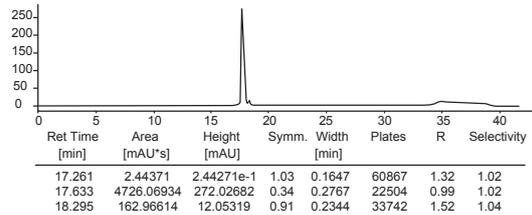
Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6×250mm
 Wavelength: 310nm
 Mobile Phase: 0.4%NH₄AC solution/methanol/N,N dimethylformamide=35/60/5
 Temp.: 30°C
 Mobile Phase: 1.0ml/min
 Injection Volume: 20µl

Maleic anhydride, Maleic acid and Fumaric acid



Column: Welch Ultisil™ XB-SiO₂, 5µm, 4.6×250mm
 Mobile Phase: n-hexane/THF/TFA=650/350/1.2
 Wavelength: 255nm
 Temp.: Ambient
 Mobile Phase: 0.8ml/min
 Injection Volume: 20µl

Thymalfasin

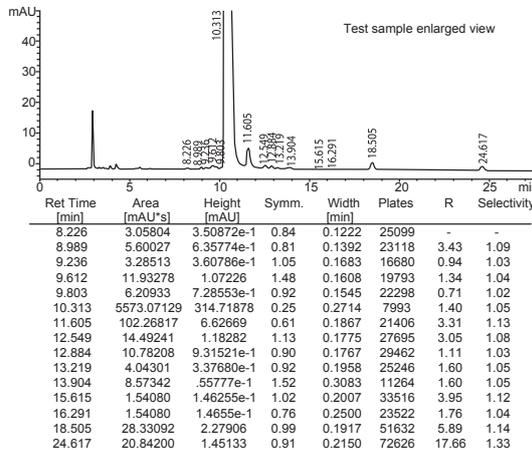
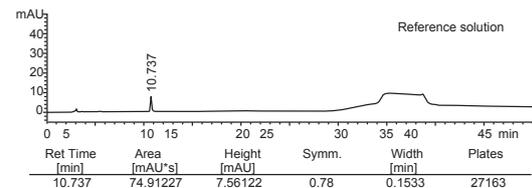


Column: Welch Ultisil™ LP-C18(300Å), 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: A: water/acetonitrile/H₃PO₄=860/140/1 B: 750/250/1
 Gradient Program:

Time (min)	A(%)	B(%)
0	100	0
30	50	50
31	0	100
35	0	100
35.1	100	0
45	100	0

Temp.: 30°C
 Mobile Phase: 1.0ml/min
 Injection Volume: 20µl

Thymalfasin

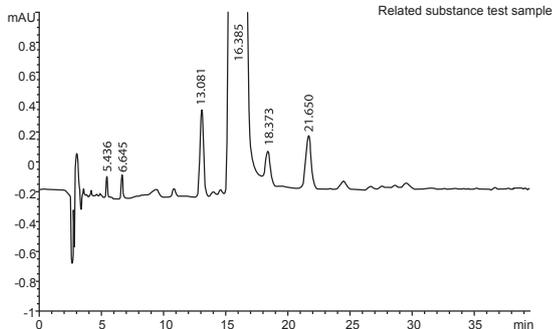


Column: Welch Ultisil™ XB-C18(300Å), 5µm, 4.6×250mm
 Mobile Phase: A: water/acetonitrile/H₃PO₄=860/140/1 B: 750/250/1
 Gradient Program:

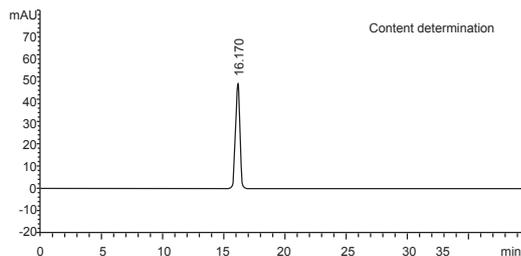
Time (min)	A(%)	B(%)
0	100	0
30	50	50
31	0	100
35	0	100
35.1	100	0
45	100	0

Wavelength: 210nm Temp.: 45°C
 Mobile Phase: 1ml/min Injection Volume: 20µl
 Notes: Temperature is influence to separation of impurities

Thymopentin



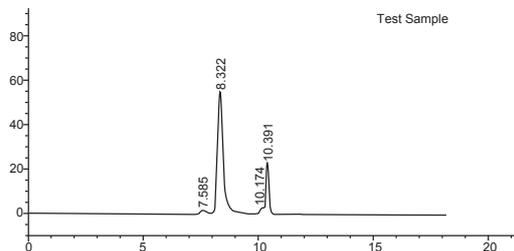
Ret Time [min]	Aaea [mAU*s]	seiget [mAU]	Symm.	Width [min]	i Ptes	R	Selectivity
5.436	1.10046	1.42697e-1	0.85	0.1200	11371	-	-
6.645	1.54344	1.58425e-1	0.89	1.1467	11366	5.32	1.22
13.081	11.86027	5.81464e-1	0.95	0.3133	9654	16.44	1.97
16.385	1.05078e4	290.46078	3.68	0.5817	4394	4.34	1.25
18.373	4.87424	1.95768e-1	0.79	0.3883	12402	2.41	1.12
21.650	10.24064	3.56950e-1	0.95	0.4433	13212	4.63	1.18



Ret Time [min]	Aaea [mAU*s]	seiget [mAU]	Symm.	Width [min]	i Ptes
16.170	1096.12024	47.20509	1.23	0.3574	11339

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm 0.05M
 Mobile Phase: KH₂PO₄, pH 7.0, adjust by NaOH/Methanol=90/10
 Wavelength: 275nm
 Temp.: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

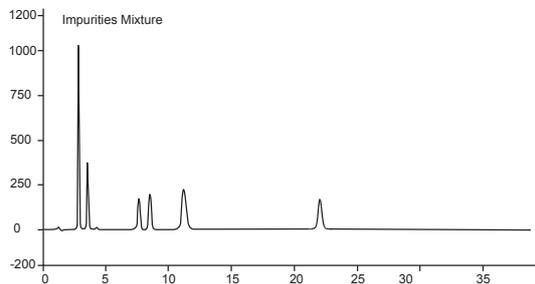
Recombinant Basic Fibroblast Growth Factor



Ret Time [min]	Aaea [mAU*s]	seiget [mAU]	Symm.	Width [min]	i Ptes	R	Selectivity
7.585	36.71893	1.94403	0.68	0.2883	3832	-	-
8.322	957.49432	55.24949	0.68	0.2408	6621	1.64	1.10
10.174	35.66148	2.98010	0.1916	0.1916	15917	5.03	1.22
10.391	208.94656	23.05836	0.1400	0.1400	30513	0.77	1.02

Column: Welch Xtimate® SEC-200, 5µm, 78×300mm
 Mobile Phase: 50mM Na₂HPO₄ +50mM NaH₂PO₄ +200mm Na₂SO₄ to 1000ml water
 Wavelength: 230nm
 Temp.: 50°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Esomeprazole Sodium



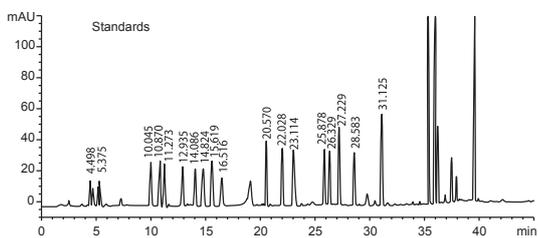
ID	Ret Time [min]	hPmp e	Heiget [mAU]	Aae [mAU*s]	RrelativeMae %	R (EP)	P Ptes (EP)
1	2.817	n.a.	1029.215	112.643	30.20	3.98	4239
2	3.521	n.a.	373.383	43.255	11.60	15.53	6018
3	7.642	n.a.	174.886	39.177	10.50	2.44	7600
4	8.532	n.a.	194.520	47.073	12.62	5.81	8061
5	11.203	n.a.	222.742	75.670	20.29	21.66	6847
	622.193	n.a.	184.903	55.163	14.79	n.a.	34761

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 302nm
 Mobile Phase: A: acetonitrile/phosphate buffer(pH7.6) /water(10/10/80)
 B: acetonitrile/phosphate buffer(pH7.6) /water(80/1/19)

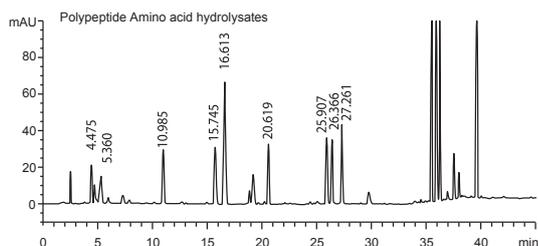
Gradient Program:	Time (min)	Mobile PhaseA(%)	Mobile PhaseB(%)
	0	100	0
	10	80	20
	30	0	100
	31	100	0
	45	100	0

Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Amino-acids



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
4.498	139.13170	16.58064	0.94	0.1361	2913	-	-
5.375	123.85720	16.46502	1.01	0.1297	9453	3.10	1.19
10.045	234.91126	28.05652	0.99	0.1267	34829	21.49	1.88
10.870	249.29388	28.68704	1.02	0.1311	38079	3.76	1.08
11.273	234.23065	27.59657	1.01	0.1289	42382	1.82	1.04
12.935	225.62219	25.50801	1.01	0.1367	49640	7.36	1.15
14.086	223.51280	23.83449	0.99	0.1444	52690	4.81	1.09
14.824	223.99724	24.18274	0.99	0.1483	55325	2.96	1.05
15.619	273.11432	28.91637	1.01	0.1450	64289	3.18	1.05
16.516	198.60670	17.81440	0.97	0.1700	52295	3.35	1.06
20.570	267.77139	41.89854	0.86	0.978	245187	17.79	1.25
22.028	264.58788	37.05740	0.91	0.1067	236238	8.38	1.07
23.114	258.43695	35.49837	0.97	0.1111	239729	5.86	1.05
25.878	277.15378	36.73132	0.95	0.1144	283229	14.40	1.12
26.329	264.10184	35.06466	0.97	0.1156	287627	2.31	1.02
27.229	392.36749	50.43391	0.93	0.1178	296127	4.53	1.03
28.583	270.28976	35.00779	0.98	0.1189	320223	6.72	1.06
31.125	488.83429	60.11935	0.99	0.1233	352869	12.33	1.09



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
4.475	17890269	20.97310	0.81	0.1317	6404	-	-
5.360	113.20995	15.02485	0.88	0.1259	10035	4.04	1.20
10.985	284.79115	29.93422	1.06	0.1337	37393	25.46	2.05
15.745	293.69589	31.20290	0.97	0.1435	66689	20.18	1.43
16.613	737.64404	66.76994	0.97	0.1710	52297	3.24	1.06
20.619	210.88905	33.34280	0.97	0.0971	249973	17.56	1.24
25.907	277.83963	35.45797	0.92	0.1150	281289	29.30	1.26
26.366	280.56076	35.41589	0.88	0.1185	274068	2.31	1.02
27.261	737.64404	66.76994	0.93	0.1180	295809	4.45	1.03

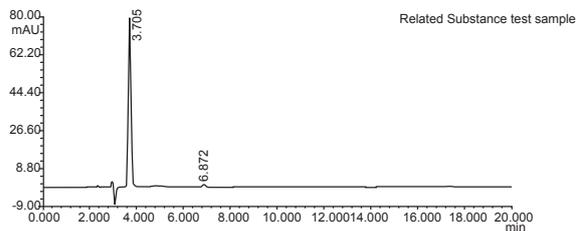
Column: Welch Ultisil™ Amino Acid, 5µm, 4.6×250mm
 Mobile Phase: A: 0.1mol/LNaAC solution (pH 6.5) /acetonitrile = 93/7 B: water/acetonitrile = 20/80

Gradient Program:

Time (min)	A(%)	B(%)
0.01	100.0	0.0
11	93.0	7.0
13.9	88.0	12.0
14	85.0	15.0
29	67.0	33.0
32	30.0	70.0
35	0.0	100.0
42	0.0	100.0
45	100.0	0.0
60	100.0	0.0

Wavelength: 254 nm
 Temp.: 40°C
 Flow Rate: 1ml/min
 Injection Volume: 2.5µl

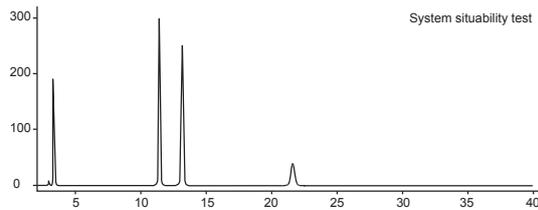
Amifostine



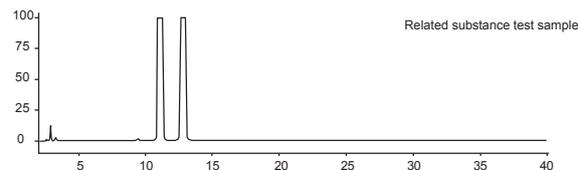
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	R	Plates
1	3.705	7975	63689.8	98.135	1.33	0.00	4855
2	6.872	129	1210.6	1.865	1.01	13.69	12095

Column: Welch Ultisil™ Polar-RP, 5µm, 4.6×250mm
 Mobile Phase: 0.94g/L Sodium 1-hexanesulfonate, adjust pH to 3.0with TEA/methanol=61/39
 Wavelength: 220nm
 Temp.: 30°C
 Flow Rate: 1.0mL/min
 Injection Volume: 0.1µl
 Notes: Sample temperature should below 4°C before injection

Amlodipine Besylate and Benazepril Hydrochloride Tablets



ID	Ret Time [min]	Area [mAU*s]	Plates	R	Symm.	Sample
1	2.922	37995	9230.74	0.00	1.31	Benzenesulfonic acid
2	3.309	1353604	8964.88	2.96	2.43	Impurity C
3	11.362	2618478	36982.11	42.82	1.33	Amlodipine
4	13.138	2726923	33263.92	6.77	0.92	Benazepril
5	21.650	734434	26233.51	20.69	0.92	Impurity B



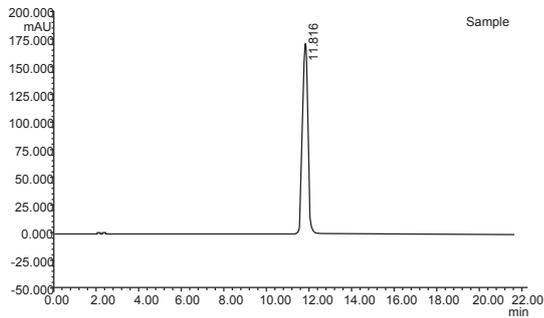
Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 240nm
 Mobile Phase: A: 0.025mol/L NaH₂PO₄ (pH 4.0, adjust with H₃PO₄)
 B: acetonitrile

Gradient Program:

Time (min)	A(%)	B(%)
0	70	30
3	70	30
4	60	40
22	60	40
30	70	30
40	70	30

Temp.: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

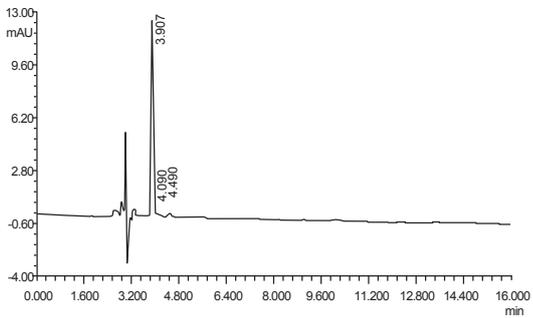
Enrofloxacin



ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [%]	C	Plates	R	Tailing Factor
1	11.816	0.256	172394.429	4099.4100	100.0000	100.0000	11894	1.781	1.095

Column: Welch Welchrom® C18, 5µm, 4.6×250mm
 Mobile Phase: Acetonitrile/0.025mol/LH₃PO₄=17/83
 Wavelength: 278nm
 Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

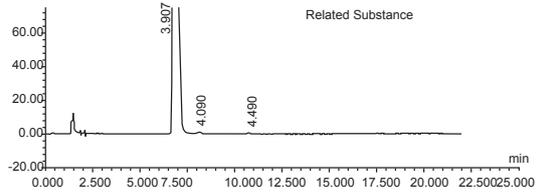
Tartaric Acid



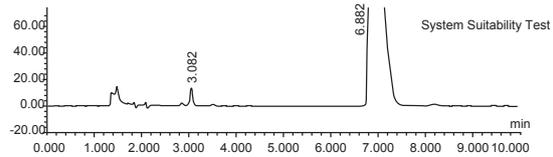
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	3.907	1254	5801.4	97.101	1.16	16083	0.00
2	4.090	15	60.1	1.005	1.95	23539	1.60
3	4.490	22	113.1	1.894	0.97	17191	3.28

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Wavelength: 214nm
 Mobile Phase: 0.025mol/L KH₂PO₄, adjust pH to 2.00 with H₃PO₄
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Metoprolol Tartrate



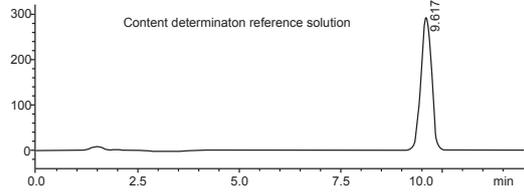
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	Metoprolol Tartrate	6.732	21549	374503.4	99.408	3.47	3385	0.00
2		8.132	111	1361.9	0.362	0.76	0.76	3.55
3		10.765	59	968.2	0.230	0.78	0.78	7.33



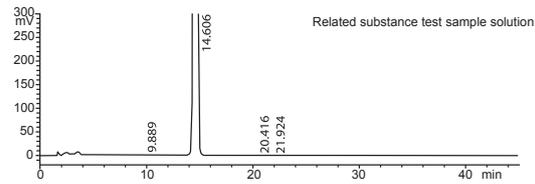
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor
1	Impurity1	3.082	1319	5679.0	1.557	4.05	0.00	11556	0.95
2	Metoprolol Tartrate Tablets	6.882	20876	358949.398	443.16	16.16	13.27	3613	3.30

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Wavelength: 280nm
 Mobile Phase: Acetate buffer solution (3.9g Ammonium acetate, add 810mL water, TEA 2.0mL, glacial acetic acid 10.0mL, H₃PO₄ 3.0mL, shake well) /acetonitrile=81/19
 Temperature: 30°C
 Flow Rate: 2.0ml/min
 Injection Volume: 20µl

Mitiglinide Calcium Tablets



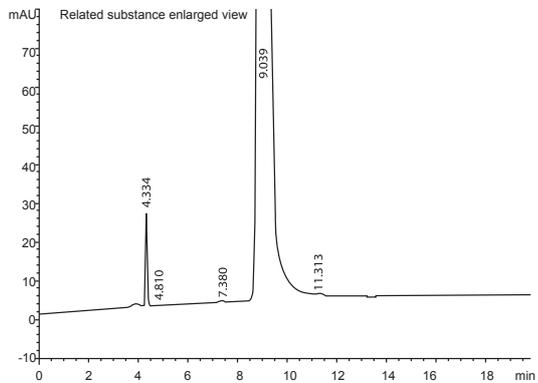
ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [%]	Plates	R	Tailing Factor
1	9.617	5206854	299463	92458	6875.226	10.845	0.989



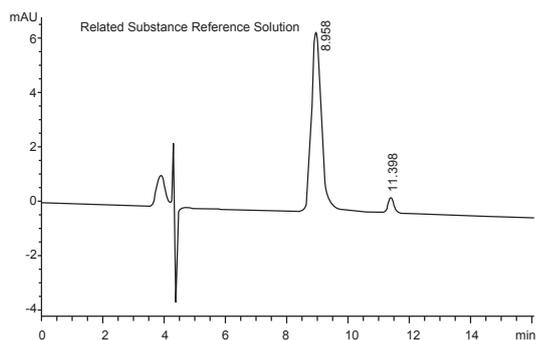
ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [%]	Plates	R	Tailing Factor
1	9.889	15200	1079	0.032	11335.391	0.000	0.928
2	14.606	47486572	2180393	99.910	10504.925	10.020	0.996
3	20.416	6325	253	0.013	14124.925	9.242	1.115
4	21.924	21312	737	0.045	12683.366	2.058	1.036

Column: Welch Welchrom® C18, 5µm, 4.6× 250mm
 Wavelength: 210nm
 Mobile Phase: Acetonitrile/0.01mol/LKH₂PO₄ (adjust pH to 3.0 with H₃PO₄=45/55
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

D,L- α -Hydroxymethionine Calcium



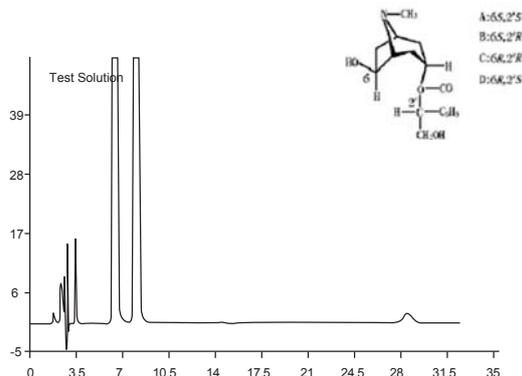
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
4.334	144.63361	23.96590	0.78	0.0725	19791	-	-
4.810	9.44825e-1	1.26937e-1	1.03	0.1926	3455	2.11	1.11
7.380	4.50750	3.92152e-1	1.13	0.1933	8073	7.82	1.53
9.039	1.34543e4	607.22186	0.78	0.3300	4157	3.72	1.22
11.313	44.41460	1.32574	0.38	0.4204	4013	3.56	1.25



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
8.958	145.62741	6.62676	0.78	0.3200	4340	-	-
11.398	7.42865	5.75138e-1	0.85	0.1950	18923	5.57	1.27

Column: Welch Xtimate® Sugar-H, 8 μ m, 78 \times 300mm
 Mobile Phase: 0.025mol/L H₂SO₄ solution
 Wavelength: 205nm
 Temp.: 50°C
 Flow Rate: 1ml/min
 Injection Volume: 20 μ l
 Notes: Be sensitive to injection volume and sample dissolve solvent

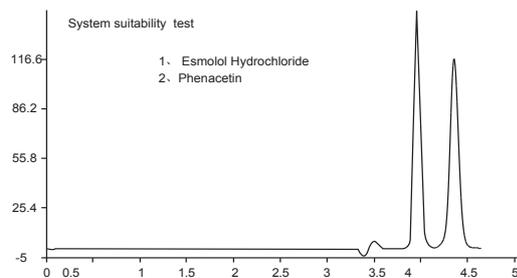
Racanisodamine



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	6.325	77.06	982.311	57.033	5554	0.00	1.79
2	7.965	47.85	732.164	42.510	6111	4.39	1.58
3	28.572	0.17	7.874	0.457	8992	25.55	1.01

Column: Welch Welchrom® C18, 5 μ m, 4.6 \times 250mm
 Wavelength: 220nm
 Mobile Phase: 0.01M NH₂PO₄ contain 0.15%TEA, adjust pH to 6.5 with phosphoric acid/methanol=70/30
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20 μ l

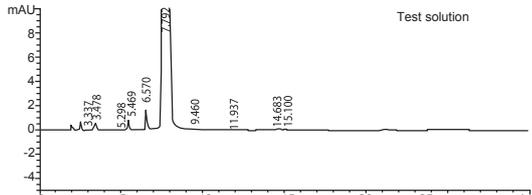
Esmolol Hydrochloride



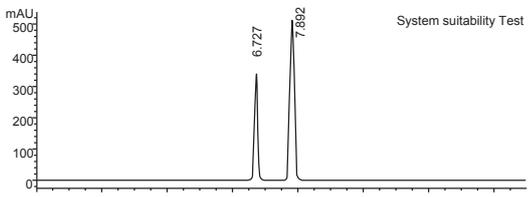
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	3.957	14607	72991.9	50.841	14142	1.37	0.00
2	4.294	11673	70577.2	49.159	11376	1.42	2.29

Column: Welch Ultisil™ XB-CN, 5 μ m, 4.6 \times 250mm
 Wavelength: 280nm
 Mobile Phase: Methanol/(glacial acetic acid /0.14% NaAC solution =1/40)=70/30
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10 μ l

Ambroxol Hydrochloride



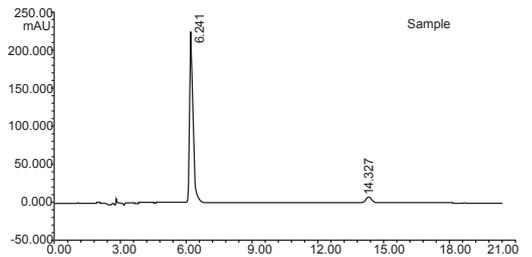
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
3.337	1.0854	2.63253e-1	0.95	0.0629	13611	-	-
3.478	2.68785	6.23329e-1	0.96	0.0687	14202	1.26	1.04
5.298	6.79046e-1	1.26876e-1	0.94	0.0867	20692	13.77	1.52
5.469	4.48567	8.19406e-1	0.94	0.0842	23399	23399	1.03
6.570	11.73433	1.65568	0.94	0.1100	19763	19763	1.20
7.792	2.77837e4	2853.64575	1.78	0.1498	14987	14987	1.19
9.460	3.62804e-1	3.24857e-2	0.66	0.2418	8460	8460	1.21
11.937	5.77274e-1	4.23196e-2	0.76	0.1867	22654	22654	1.26
14.683	2.04602	1.11448e-1	0.00	0.2767	15604	15607	1.23
15.100	1.44893	7.17230e-2	0.71	0.3174	12541	12540	1.03



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
6.727	2526.28099	240.73827	0.95	0.1130	19629	-	-
7.839	4253.84814	510.70337	1.06	0.1298	20197	5.38	1.17

Column: Welch Xtiamte® C8, 5µm, 4.6×250mm
 Mobile Phase: Ammonium phosphate solution(pH 7.0, adjust by H₃PO₄)/ acetonitrile = 50/50 (Ammonium phosphate solution: Ammonium phosphate 1.320g, 900ml water, stir, adjust pH to 7.0 with H₃PO₄, then add water until 1000mL)
 Wavelength: 248nm
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl
 Temp.: 25°C

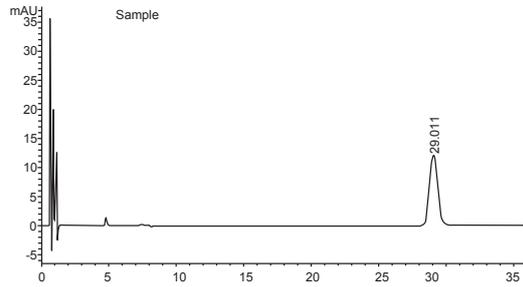
Betahistine Hydrochloride



ID	Ret Time [min]	Half Width [min]	Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]%	C	Plates	R	Tailing Factor
1	6.241	0.149	221405.4	2328945.4	93.8094	93.8091	9677	0.000	1.532	
2	14.327	0.312	7277.2	7277.2	6.1906	6.1906	11681	20.635	1.190	

Column: Welch Ultisil™ Polar-RP, 5µm, 4.6×250mm
 Mobile Phase: methanol/buffer solution=30/70
 Wavelength: 254nm
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 100µl

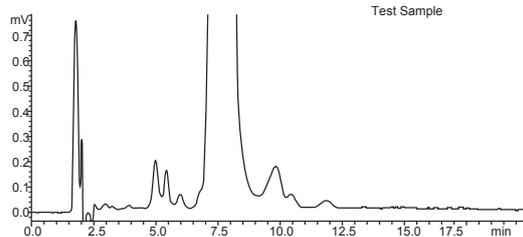
Betahistine Hydrochloride



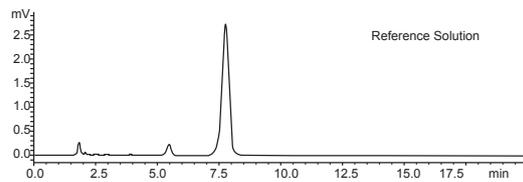
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
29.011	502.37054	12.17440	0.90	0.6433	11265

Column: Welch Xtimate® C18, 3µm, 3.0×150mm
 Mobile Phase: 350ml acetonitrile and 650ml NH₄AC buffer solution (0.69g NH₄AC dissolve in 1000ml water, adjust pH to 4.7 with glacial acetic acid) mixture, add 2.88g sodium dodecyl sulfate, filter and degas.
 Wavelength: 254nm
 Temp.: 40°C
 Flow Rate: 0.5ml/min
 Injection Volume: 10µl

Butenafine Hydrochloride



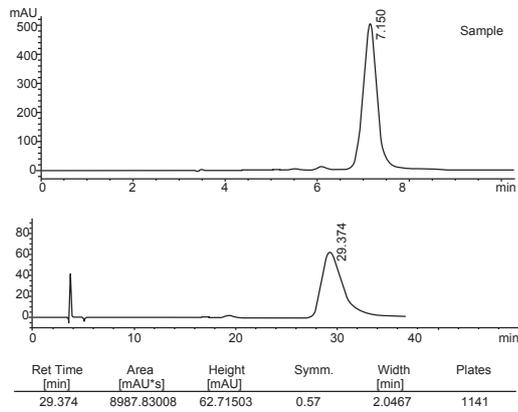
ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	R	Tailing Factor	Plates
1	4.977	2165	163	0.0592	-	1.054	3005.610
2	5.420	1154	114	0.0315	1.364	1.063	5769.575
3	5.958	502	42	0.0137	1.767	1.063	5421.928
4	7.756	3650838	179706	99.8021	4.275	0.871	3592.215
5	9.788	3418	117	0.0934	3.116	0.871	2475.954



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	Tailing Factor	Plates
1	7.761	53336	2656	100.0000	0.885	3620.092

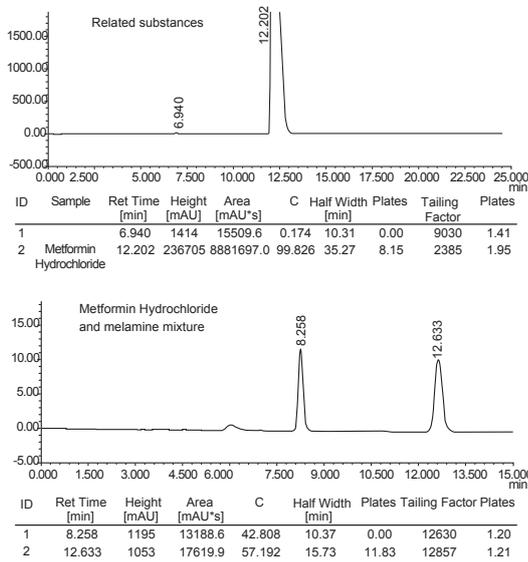
Column: Welch Welchrom® C18, 5µm, 4.6×250mm
 Wavelength: 282nm
 Mobile Phase: Acetate buffer solution (NaAC 18g, glacial acetic acid 9.8ml, dilute to 1000mL with water)/methanol/ isopropanol=17/70/13
 Temp.: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Doxycycline Hyclat



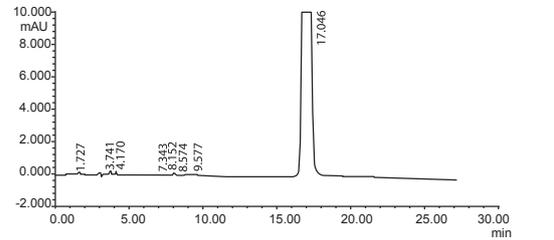
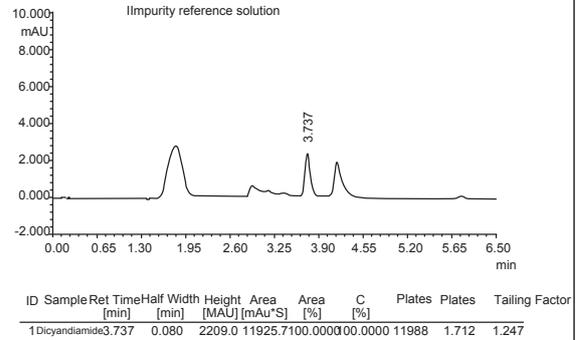
Column: Welch Xtimate® PS/DVB, 8µm, 78×250mm
 Mobile Phase: 50g TBA and 100mL water, 200mL pH8.0 buffer solution, 10g/L TBAHS solution (pH 8.0 adjust with NaOH), 25mL, 40g/L EDTA solution (pH 8.0 adjust with NaOH) 5mL, add water to 500mL
 Wavelength: 254nm
 Temperature: 75°C
 Flow Rate: 2.0ml/min
 Injection Volume: 20µl
 Note: Column temperature control is important for this method

Metformin Hydrochloride

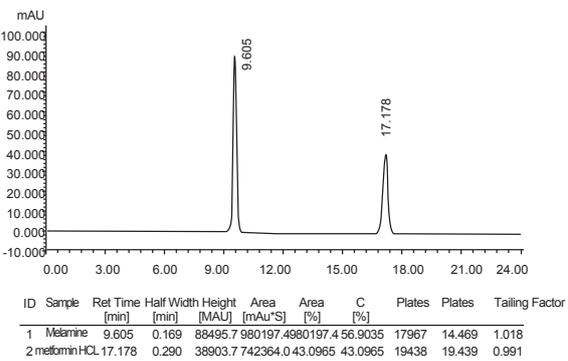


Column: Welch Ultisil™ XB-SCX(II), 5µm, 4.6×250mm
 Wavelength: 218nm
 Mobile Phase: 1.7% NH₄H₂PO₄, pH3.0, adjust by H₃PO₄
 Temperature: 5°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

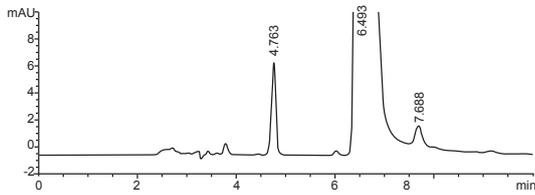
Metformin Hydrochloride Sustained-release Tablets



Column: Welch Ultisil™ XB-SCX(II), 5µm, 4.6×250mm 1.7%
 Mobile Phase: NH₄H₂PO₄ solution (pH3.00)
 Wavelength: 218nm
 Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl



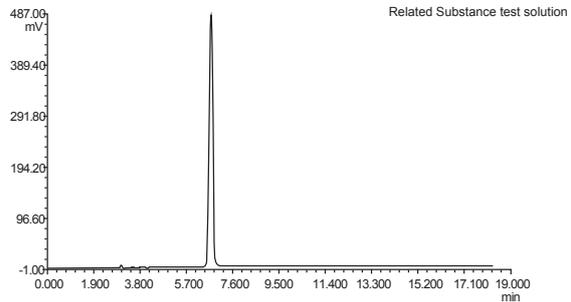
Valacicloviri Hydrochloride



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
4.763	41.43184	6.83822	1.05	0.0889	15908	-	-
6.493	1.46647e4	1279.96423	0.34	0.1768	7475	7.65	1.36
7.688	13.55251	1.44710	0.92	0.1478	14989	4.33	1.18

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm (according to chinese pharmacopeia2010)
 Mobile Phase: 10mm KH₂PO₄(pH 3.0, adjust H₃PO₄)/methanol= 85/15
 Flow Rate: 1.0ml/min
 Wavelength: 251 nm
 Temperature: 35°C
 Sample: valaciclovir hydrochloride 0.5mg/ml

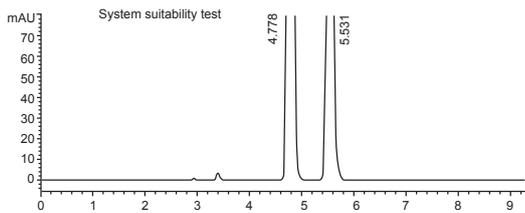
Fasudil Hydrochloride



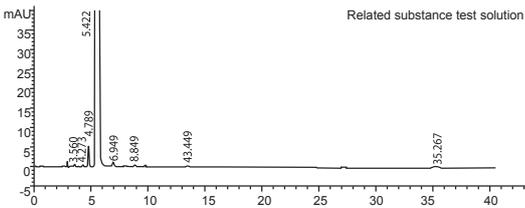
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	6.713	48.19	490.874	490.874	9797	1.18	0.00
2	8.677	0.02	0.242	0.242	11605	1.05	6.62
3	14.760	0.02	0.382	0.382	14884	0.94	15.09

Column: Welch Ultisil™ XB-18, 5µm, 4.6×250mm
 Mobile Phase: 4% TEA(pH7.0)/methanol=60/40
 Wavelength: 275nm
 Flow Rate: 1.0mL/min
 Temperature: 35°C
 Injection Volume: 20 µl

Valaciclovir Hydrochloride



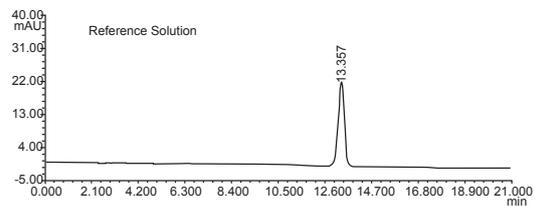
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
4.778	3711.57813	602.09943	0.85	0.0922	14873	-	-
5.531	1635.36646	207.52303	0.75	0.1165	12493	4.24	1.16



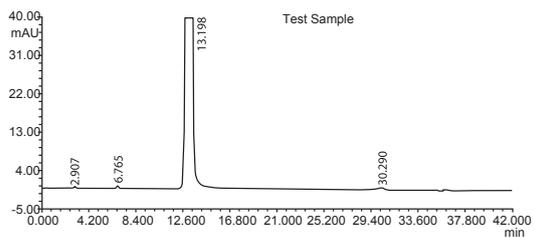
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
3.560	3.38009	6.68104e-1	0.81	0.0777	11641	-	-
4.273	3.69348	5.90270-1	0.86	0.0922	11896	4.94	1.20
4.789	32.99500	5.31285	0.85	0.0934	14554	3.26	1.12
5.422	2.07491e4	1743.73767	0.36	0.1844	4788	2.68	1.13
6.949	10.51048	1.07119	0.92	0.1488	12075	5.38	1.28
8.849	5.44218	4.08799e-1	1.16	0.1889	12424	6.65	1.27
43.449	5.60518	3.33517e-1	0.82	0.2427	17016	12.58	1.52
35.267	19.28194	4.97594e-1	0.96	0.6067	18722	30.18	2.62

Column: Welch Xtimate® Phenyl-Hexyl, 5µm, 4.6×250mm
 Wavelength: 251nm
 Mobile Phase: Methanol/0.01mol/LKH₂PO₄ solution (pH=3.0=15/85)
 Temperature: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Phenazopyridine Hydrochloride



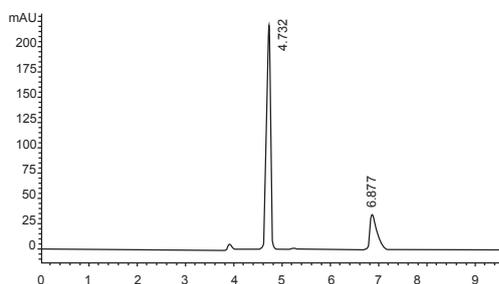
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	13.357	22.94	441.619	100.000	0.90	12515	0.00



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	2.907	0.47	1.903	0.007	0.87	13644	0.00
2	6.765	0.60	6.284	0.022	0.93	10486	21.21
3	13.198	1524.71	29083.984	99.893	0.96	12536	17.49
4	30.290	0.58	23.048	0.079	0.87	12429	1.94

Column: Welch Ultisil™ Polar-RP, 5µm, 4.6×250mm
 Mobile Phase: Phosphate buffer/methanol=50/50
 Wavelength: 240nm
 Temperature: 35°C
 Flow Rate: 1.0mL/min
 Injection Volume: 20µl

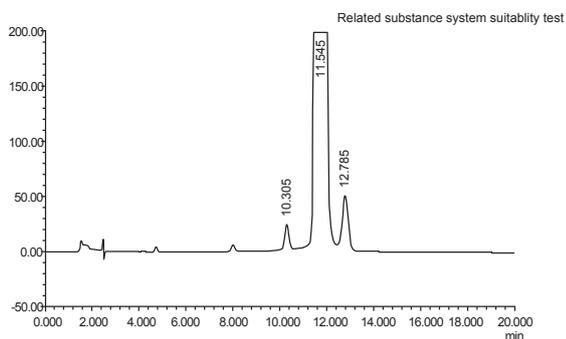
Guanidine Hydrochloride and Dicyandiamide



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity	Sample
4.732	1184.28589	221.91449	1.08	0.0811	18881	-	-	Dicyandiamide
6.877	346.40646	34.85371	0.39	0.1567	10683	10.60	1.45	Guanidine Hydrochloride

Column: Welch Ultisil™ XB-SCX, 5µm, 4.6×250mm
 Mobile Phase: 1.7% NH₄H₂PO₄ solution (pH 3.0, adjust by H₃PO₄)
 Wavelength: 210nm
 Temperature: 30°C
 Flow Rate: 0.8ml/min
 Injection Volume: 10µl

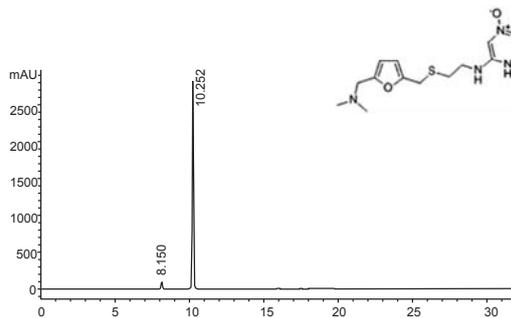
Ciprofloxacin Hydrochloride



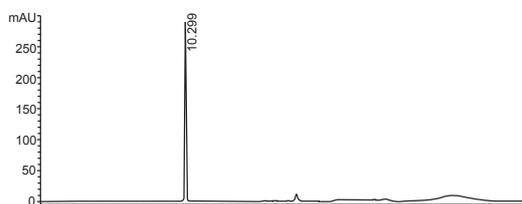
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	10.305	2304	28876.2	0.676	15249	0.93	0.00
2	11.545	207938	4167077.2	97.518	7486	2.09	2.86
3	12.785	4715	77165.5	1.806	13765	0.93	2.56

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Mobile Phase: 0.025NH₃PO₄ solution/acetonitrile=87/13 (adjust pH to 3.0 with TEA)
 Wavelength: 278nm
 Temperature: 30°C
 Flow Rate: 1.5ml/min
 Injection Volume: 10µl
 Note: All peaks are eluted during the isocratic elution

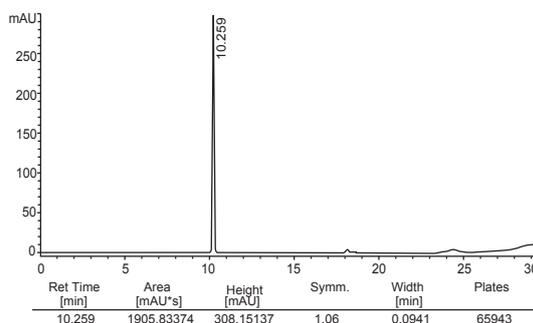
Ranitidine Hydrochloride Capsules



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
8.150	555.90320	101.98913	1.07	0.0838	52436	-	-
10.252	1.79938e4	2825.70532	1.19	0.0982	60366	13.57	1.26



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
10.259	1772.17932	289.23364	1.06	0.0937	66925



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
10.259	1905.83374	308.15137	1.06	0.0941	65943

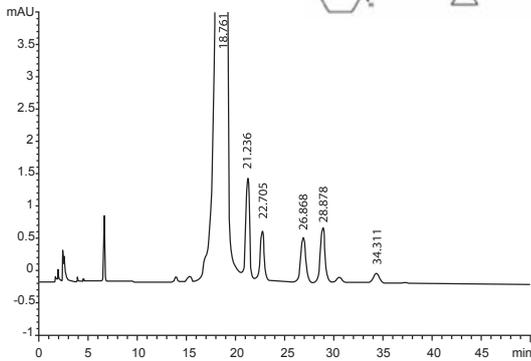
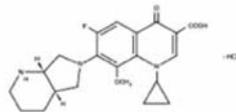
Column: Welch Xtimate® C18, 5µm, 4.6×150mm
 Wavelength: 230nm
 Mobile Phase: Phosphate buffer:H₃PO₄ 3.4mL, water 950mL, add 50% NaOH 4.3mL, add water to 1000mL, adjust pH to 7.10 with H₃PO₄ and 50% NaOH
 A: phosphate buffer/acetonitrile=98/2
 B: phosphate buffer/acetonitrile=78/22

Gradient Program:

Time(min)	A(%)	B(%)
0	100	0
15	0	100
23	0	100
24	100	0
30	100	0

Temperature: 35°C
 Flow Rate: 1.3ml/min
 Injection Volume: 10µl

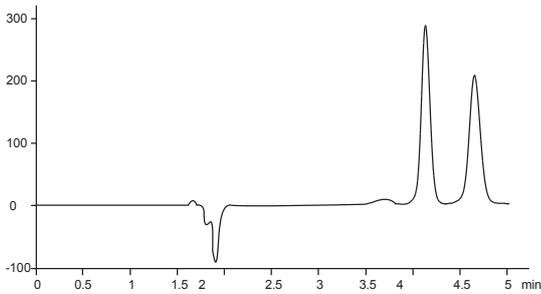
Moxifloxacin Hydrochloride



Ret Time [min]	C	Symm.	Width [min]	Plates	R	Sample
18.761	1.00000	1.35	0.3582	15194	-	moxifloxacin
21.236	1.00000	1.01	0.3800	17303	3.94	ImpurityA
22.705	1.00000	1.01	0.4167	16448	2.17	ImpurityB
26.868	1.00000	0.93	0.5633	12601	4.99	ImpurityC
28.878	1.00000	1.06	0.5133	17531	2.19	ImpurityD
34.311	1.00000	0.87	0.5667	20309	5.91	ImpurityE

EP standard related substance

Column: Welch Ultisil™ XB-Phenyl, 5µm, 4.6×250mm
 Wavelength: 293nm
 Mobile Phase: (0.5gTBAHS, 1g KH₂PO₄, 3.4g(2mL) H₃PO₄, add1000mL water)/methanol=72/28
 Temperature: 45°C
 Flow Rate: 1.3ml/min
 Injection Volume:10µl

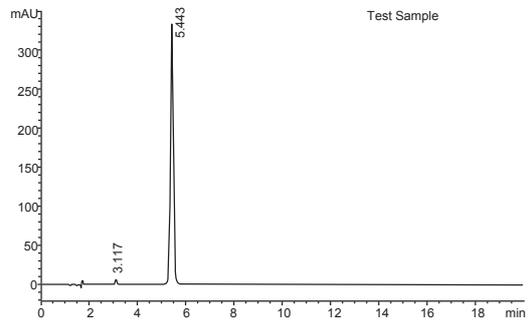


ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor	Sample
1	4.149	28664	244777.5	56.148	8.03	0.00	5324	0.93	R isomer
2	4.666	20425	191175.5	43.852	8.80	2.17	5605	0.94	S isomer

R, S isomer separation

Column: Welch Xtimate® C18, 5µm, 4.6×250mm
 Wavelength: 293nm
 Mobile Phase: (1g/L anhydrous cupric sulfate, 1g/L L- isoleucine pH4.0, adjust by NaOH)/methanol=66/34
 Temperature: 40°C
 Flow Rate: 1.5ml/min
 Injection Volume:10µl

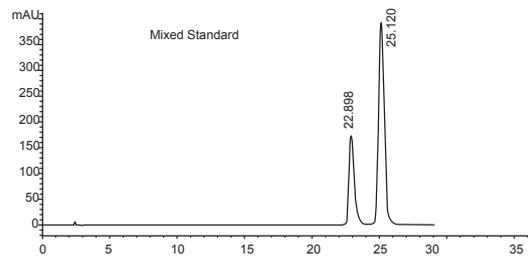
Procaine Hydrochloride



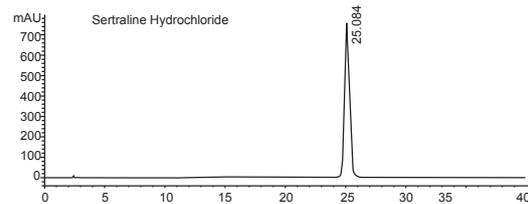
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
3.117	33.80756	6.73779	1.01	0.0761	9288	-	-
5.443	2917.28052	333.97363	0.98	0.1313	9528	13.17	1.75

Column: Welch Xtimate® C18, 5µm, 4.6×150mm
 Mobile Phase: Buffer Solution/methanol=68/32
 Wavelength: 290nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 10µl

Sertraline Hydrochloride Trans Isomer



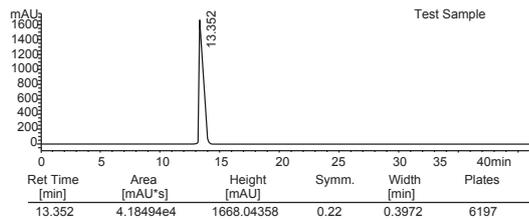
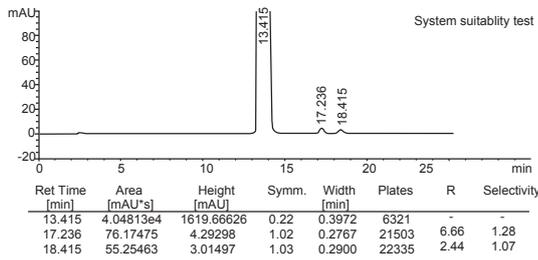
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
22.898	4604.00635	172.30417	0.62	0.3988	18266	-	-
25.120	1.11521e4	391.46912	0.74	0.4282	19069	3.16	1.10



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
25.084	2.13235e4	756.77515	0.84	0.4288	18961

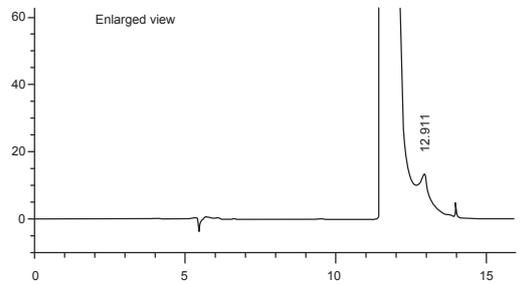
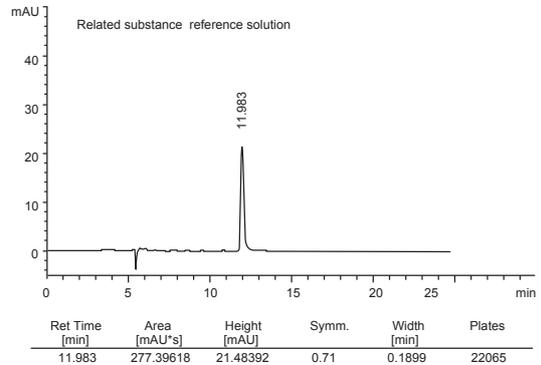
Column: Welch Xtimate® C18, 5µm, 4.6×250mm
 Mobile Phase: acetonitrile/methanol/0.02mol/L KH₂PO₄ (pH 7.20, adjust by TEA)=42/21/37
 Wavelength: 220nm
 Temperature: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume:20µl

Tropisetron Hydrochloride



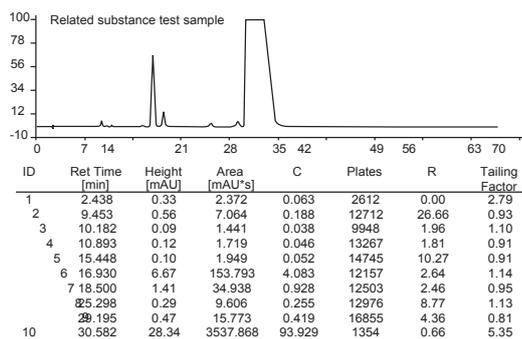
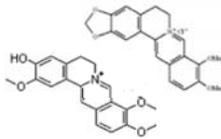
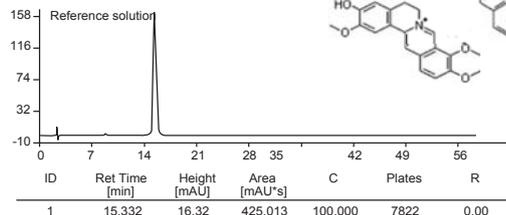
Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Mobile Phase: Phosphate buffer (KH₂PO₄ 6.8g, add water 500ml to dissolve, add TEA 5ml, dilute to 1000ml with water, adjust pH to 3.5 with H₃PO₄) /acetonitrile=80/20
 Wavelength: 284nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume 20µl

Promethazine Hydrochloride



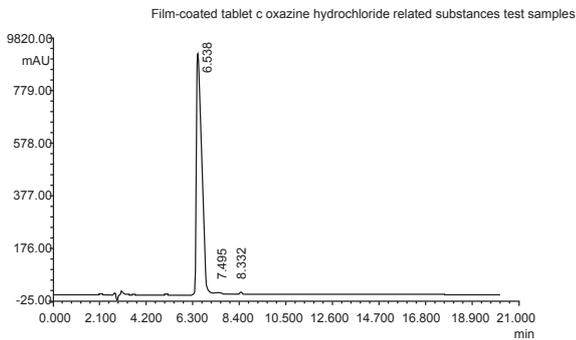
Column: Welch Xtimate® C18, 5µm, 6.0×250mm
 Mobile Phase: Methanol/water (pH 2.3, adjust by glacial acetic acid) =45/55
 Wavelength: 254nm
 Temperature: 50°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl

Berberine Hydrochloride



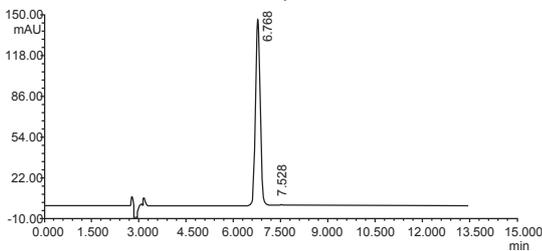
Column: Welch Ultisil™ XB-C18, 5µm, 4.6×150mm
 Wavelength: 345nm
 Mobile Phase: 0.01mol/NH₄H₂PO₄ (adjust pH to 2.8 by H₃PO₄) /acetonitrile =75/25
 Temperature: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Promethazine Hydrochloride Tablets



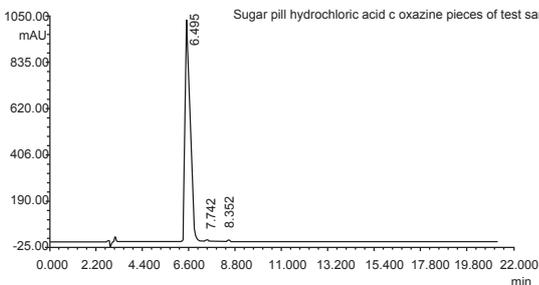
ID	Ret Time [min]	Height [mAU]	Area [mAU's]	C	Half Width [min]	Plates	Tailing Factor R
1	6.538	91880	1531772.1	99.538	15.67	0.00	3469
2	7.495	560	6582.5	0.428	11.05	2.53	9171
3	8.332	47	531.7	0.035	10.63	2.72	12233

Film-coated tablet c oxazine hydrochloride content determination of test samples



ID	Ret Time [min]	Height [mAU]	Area [mAU's]	C	Half Width [min]	Plates	Tailing Factor R
1	6.768	14625	152898.8	99.545	9.83	0.00	9453
2	7.528	60	698.6	0.455	10.95	2.58	9428

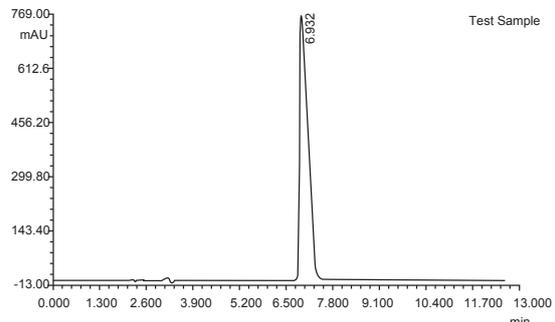
Sugar pill hydrochloric acid c oxazine pieces of test samples



ID	Ret Time [min]	Height [mAU]	Area [mAU's]	C	Half Width [min]	Plates	Tailing Factor R
1	6.495	103139	1817723.6	99.563	16.57	16.57	3064
2	7.742	530	6445.4	0.353	11.43	11.43	8514
3	8.352	92	1535.2	0.084	15.69	15.69	5650

Column: Welch Ultisil™ Polar-RP, 5µm, 4.6×250mm
 Mobile Phase: water/methyl alcohol=55/45 (pH 2.0, adjust with glacial acetic acid)
 Wavelength: 254nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Attention: Sensitive to injection volume and solvent

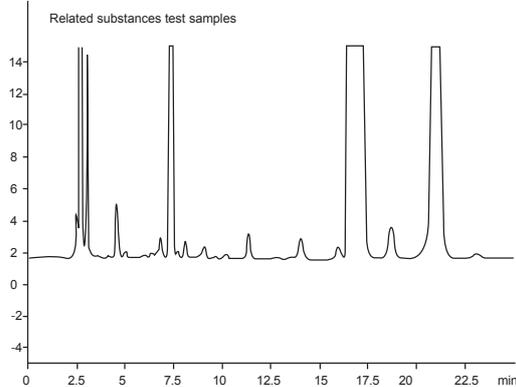
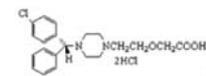
Bupivacaine



ID	Ret Time	Height	Area	C	Half Width R	Plates	Tailing Factor
1	6.932	76853	1177719.3	100.000	14.40	0.00	4615

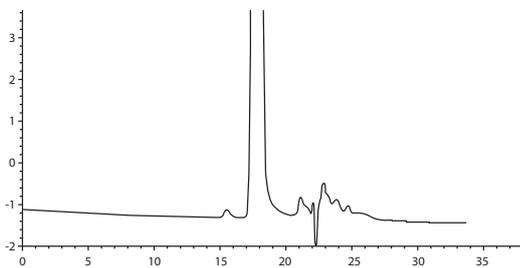
Column: Welch Xtimate® C18, 5µm, 4.6×250mm 0.05mol/L
 Mobile Phase: monopotassium phosphate/acetonitrile=70/30/0 (pH 3.0, adjust with phosphoric acid)
 Wavelength: 220nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Attention: Sensitive to injection volume and solvent

levocetirizine Hydrochloride



Column: Welch Xtimate® C8, 5 µm, 4.6×250mm
 Wavelength: 230nm
 Mobile Phase: Heptane sulfonic acid sodium solution/ acetonitrile=60/40 (C7H15NaO3S 0.6g, dissolve to 600mL water, adjust pH with 0.5 M sulfuric acid to 2.4)
 Temperature: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

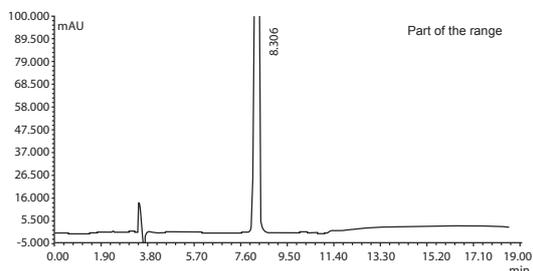
Insulin



Ret Time [min]	Area [mAU*s]	Height [mAU]	symmetrical factor	Width [min]	Plates	R	Selective
15.500	5.03677	1.652883e-1	0.66	0.4300	7198	-	-
17.955	8063.00781	307.32141	1.69	0.4143	10408	3.42	1.16

Column: Welch Ultisil™ Diol, 5µm, 7.8×300mm
 Wavelength: 276nm
 Mobile Phase: Arginine solution (Preparing 1 mg/ml of L-arginine)/Ambient/Glacial acetic
 Temperature: acid=65/20/15 30°C
 Flow Rate: 0.5ml/min
 Injection Volume: 20µl

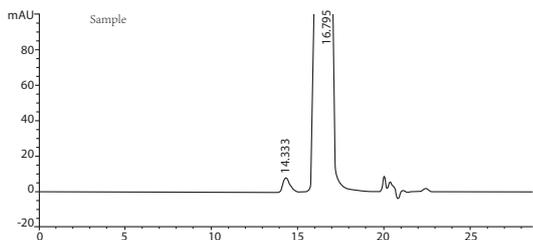
Methionine



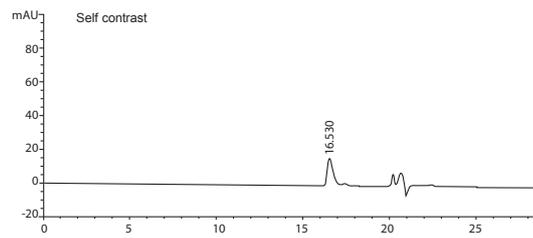
ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]%	Content	Plates	R	Tailing Factor
1	8.306	0.153	340822.0	3432751.0	100.0000	100.0000	16257	0.000	0.805

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Mobile Phase: Acetonitrile/PBS=10/90
 Wavelength: 200nm
 Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 5µl

High Molecular Protein Insulin



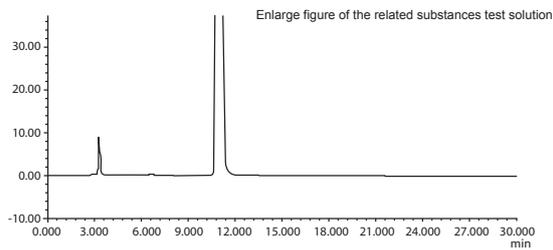
Ret Time [min]	Area [mAU*s]	Height [mAU]	symmetrical factor	Width [min]	Plates	R	Selective
14.333	232.21227	8.31564	0.70	0.4167	6556	-	-
16.795	3.87666e4	1054.89771	2.86	0.5835	4590	2.89	1.17



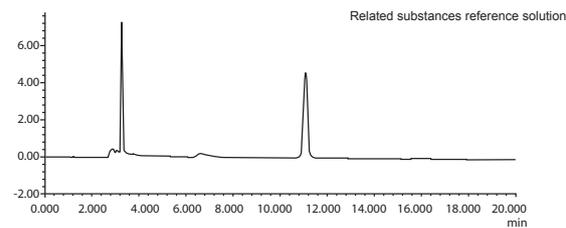
ID	Ret Time [min]	type	Width [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%
1	16.530	BV	0.3441	380.33997	16.55223	100.0000

Column: Welch Xtimate® SEC-120, 3µm, 7.8×300mm
 Mobile Phase: Acetic acid/Acetonitrile/0.1%Arginine=15/20/65
 Wavelength: 276nm
 Temperature: 35°C
 Flow Rate: 0.5ml/min
 Injection Volume: 100µl

Etamsylate Injection



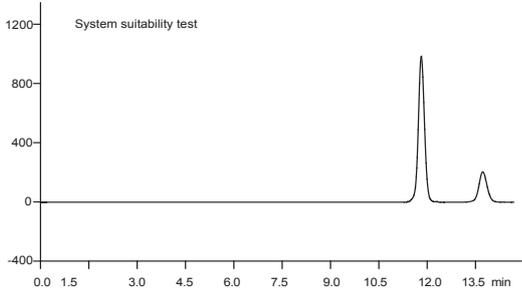
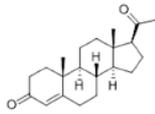
ID	Ret Time	Height	Area	Concentration	Half Width	R	Tailing Factor	Plates
1	10.790	62235	1077328.3	100.000	16.27	0.00	2.66	8763



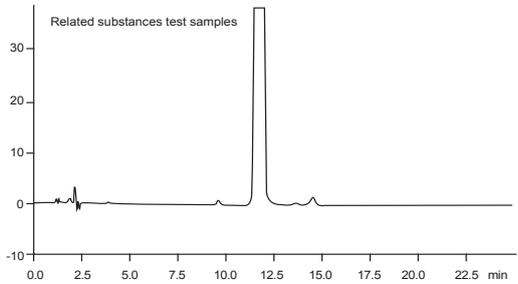
ID	Ret Time	Height	Area	Concentration	Half Width	R	Tailing Factor	Plates
1	11.082	459	5458.7	100.000	11.18	0.00	19585	1.03

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Mobile Phase: 0.05M Potassium dihydrogen phosphate solution
 Wavelength: 223nm
 Temperature: 30°C
 Flow Rate: 1.0mL/min
 Injection Volume: 20µl

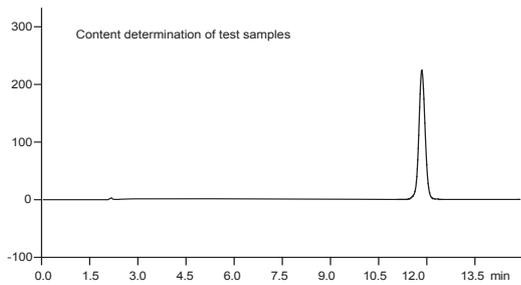
Progesterone



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Trailing Factor	Composition
1	11.798	100561	1495732.8	81.226	13.98	0.00	14193	0.99	Progesterone
2	13.748	20232	345713.5	18.774	16.06	4.58	14602	0.92	degradation content



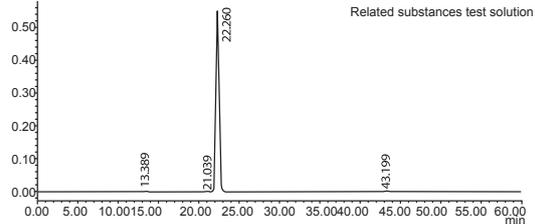
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Trailing Factor	Composition
1	9.648	91	1169.4	0.068	12.08	0.00	12716	1.06	
2	11.765	118040	1722379.8	99.749	13.72	5.79	14664	1.02	Progesterone
3	14.565	169	3156.5	0.183	17.56	6.32	13717	0.87	



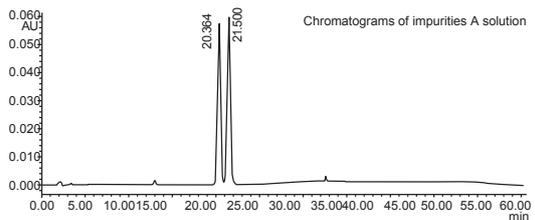
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Trailing Factor	Composition
1	11.848	21896	315968.7	100.000	13.56	0.00	15207	0.94	Progesterone

Column: Welch Topsil® C8, 5µm, 4.6×250mm
 Wavelength: 241nm
 Mobile Phase: methanol/acetonitrile/water=25/35/40
 Temperature: 30°C
 Flow Rate: 1.5ml/min
 Injection Volume: 10µl

Progesterone



ID	Ret Time [min]	Area [mAU*s]	Area [%]	Height [mAU]	R	Height [mAU]	Plates	K'	Symmetry factor
1	13.389	24784	0.16	1502	0.27	1.479588e+004	-7.768553e-0011	0.02338e+000	
2	21.039	43049	0.28	1821	1.404113e+0010	3.33	1.664116e+000	-6.493442e-0019	1.16317e-001
3	22.260	15498572	99.45	5512781	7.53106e+000	99.23	1.431897e+004	-6.289969e-0011	0.045339e+000
4	43.199	16460	0.12	934	3.277571e+0010	1.17	1.035484e+005	-2.800235e-0019	9.98982e-001



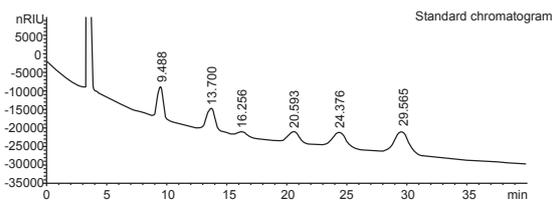
ID	Ret Time [min]	Area [mAU*s]	Area [%]	Height [mAU]	R	Height [mAU]	Plates	K'	Symmetry Factor
1	20.364	1421709	47.48	56839	48.96	1.495864e+004	-6.606028e-001	9.848278e-001	
2	21.500	1572795	52.52	59247	1.689134e+000	51.04	1.477388e+004	-6.416625e-001	1.028625e+000

Column: Welch Ultisil™XB-C18, 5µm, 4.6×150mm
 Wavelength: 241nm
 Mobile Phase: A: Water B: Acetonitrile
 Gradient Program:

Time (min)	Mobile Phase A(V/V%)	Mobile Phase B(V/V%)
0-20	50	50
20-27	50-20	50-80
27-45	20	50
45-50	50	50

Temperature: 30°C
 Flow Rate: 0.8ml/min
 Injection Volume: 10µl

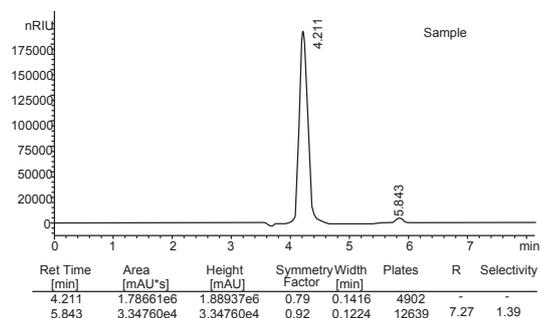
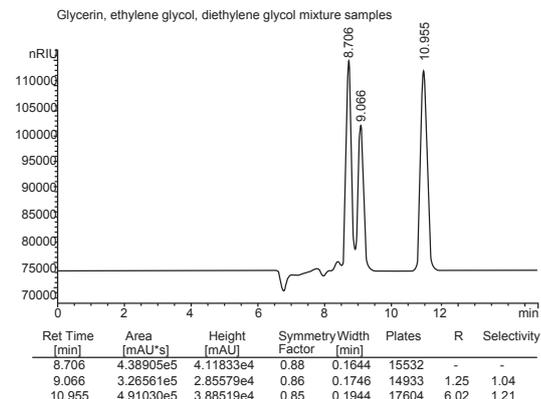
Mixed Sugar



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry Factor	Width [min]	Plates	R	Selectivity
9.488	2.75081e5	8387.67383	1.11	0.5328	1757	-	-
13.700	2.94659e5	5842.15383	1.00	0.7992	1628	3.72	1.44
16.256	5.11036e4	1066.67017	0.73	0.8496	2029	1.82	1.19
20.593	2.05077e5	83020.93726	0.85	1.0224	2247	2.72	1.27
24.376	3.30905e5	4123.59473	0.97	1.2312	2172	1.97	1.18
29.565	4.93106e5	5983.37988	0.98	1.2744	2981	2.43	1.21

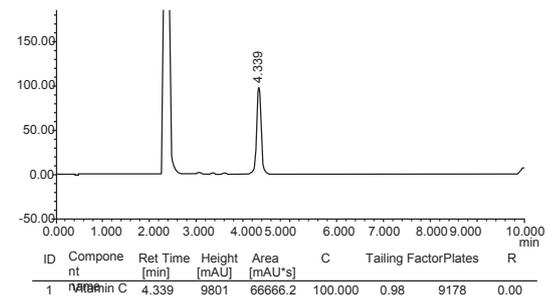
Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6×250mm
 Detector: Refractive index detector, Temperature 35°C
 Mobile Phase: 70% acetonitrile solution
 Temperature: 35°C
 Flow Rate: 0.9ml/min
 Injection Volume: 10µl

Hydroxyl Indican Eye Drops



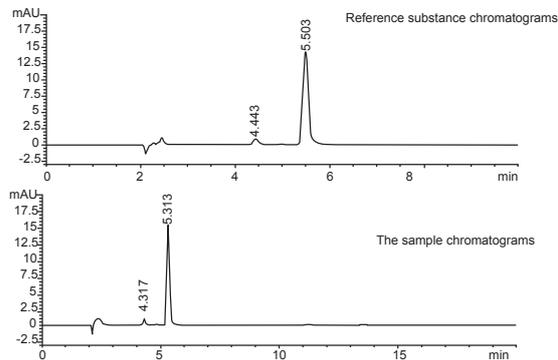
Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6×250mm
 Detector: RID Detector, Temperature: 35°C
 Mobile Phase: Acetonitrile/Water=85/15
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Vitamin C Yinqiao Tablets



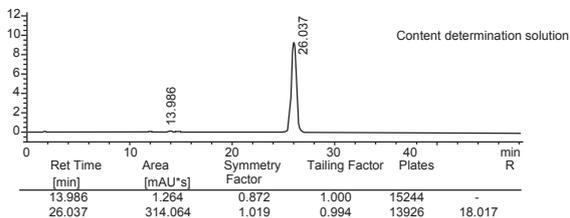
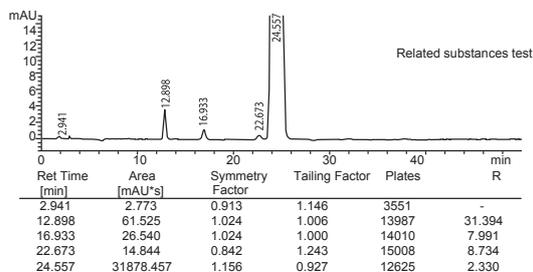
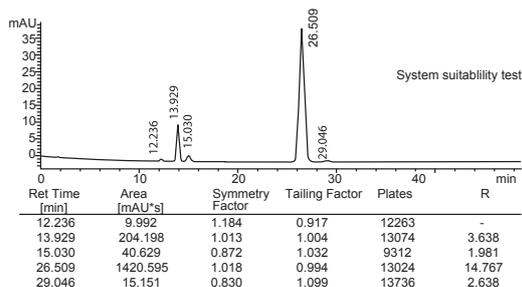
Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6×200mm
 Mobile Phase: Adjust the pH of 0.01M potassium dihydrogen phosphate solution with phosphoric acid to 2.4/Acetonitrile=30/70
 Wavelength: 246nm
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl
 Attention: After the third time sample in retention time stability 4.35min

Vitamin A Palmitate



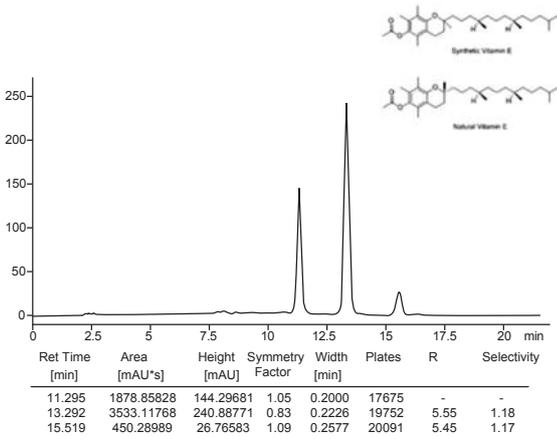
Column: Welch Topsisil® silica, 5µm, 4.6×250mm
 Wavelength: 325nm
 Mobile Phase: N-hexane/Isopropanol=1000/0.6
 Temperature: 30°C
 Flow Rate: 1.0 ml/min
 Injection Volume: 50µl

Vitamin D3



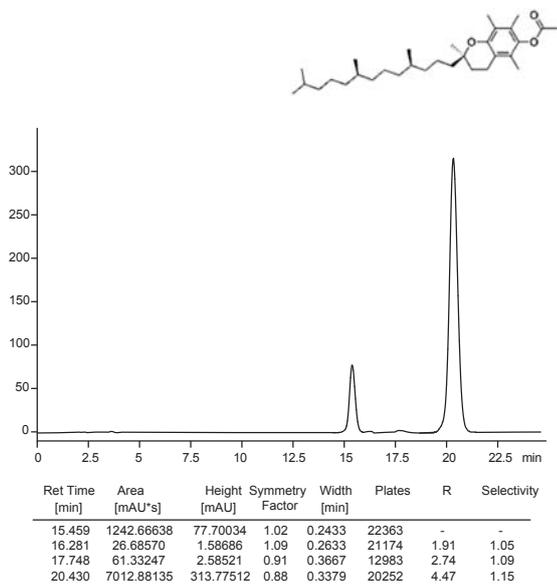
Column: Welch Topsisil® Silica, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/Amyl alcohol=997/3
 Wavelength: 254nm
 Temperature: 30°C
 Flow Rate: 2.0mL/min
 Injection Volume: 20µl

Vitamin E



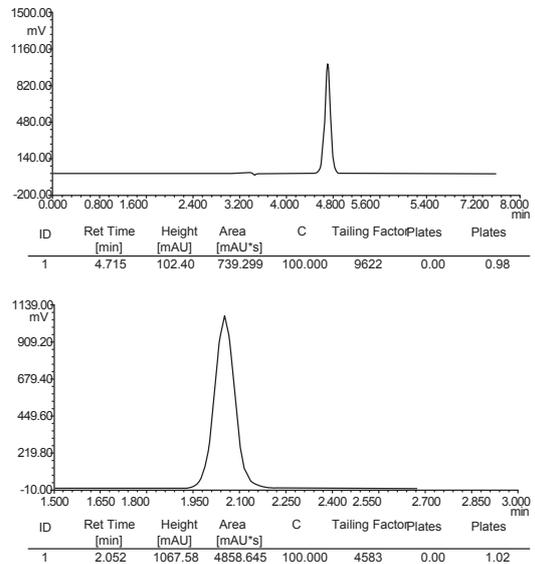
Column: Welch Ultisil™ XB-18, 5µm, 4.6×250mm
 Wavelength: 285nm
 Mobile Phase: Methyl alcohol/Water=98/2
 Temperature: 30°C
 Flow Rate: : 1.2ml/min
 Injection Volume: 20µl

Vitamin E Acetate



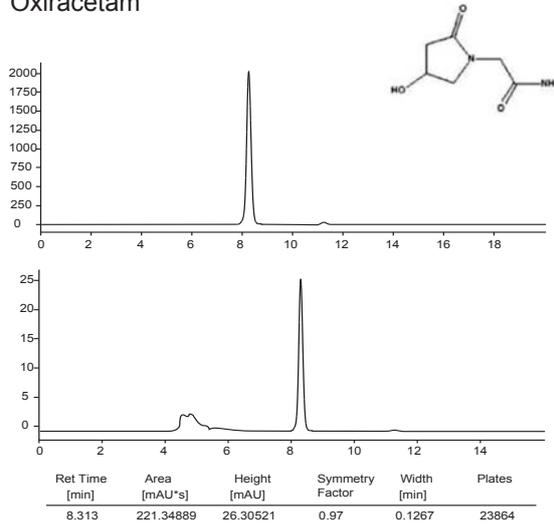
Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 285nm
 Mobile Phase: Methyl alcohol/Water=98/2
 Temperature: 30°C
 Flow Rate: : 1.2ml/min
 Injection Volume: 20µl

Olanzapine



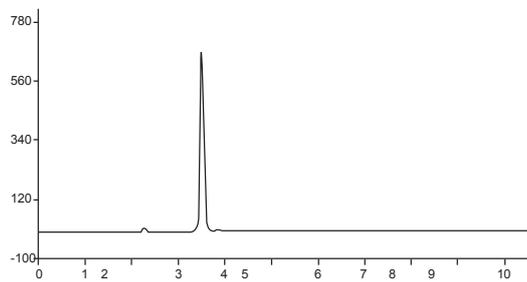
Column: Welch Ultisil™ XB-CN, 5µm, 4.6×150mm
 Wavelength: 260nm
 Mobile Phase: (Water + Methyl alcohol = 300 + 200) Contains 10g/L ammonium acetate, adjust pH to 4.0 with muriatic acid
 Temperature: 30°C
 Flow Rate: : 1.0ml/min or 1.5ml/min
 Injection Volume: 20µl

Oxiracetam



Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Wavelength: 214nm
 Mobile Phase: 0.05mol/L buffer stock solution (Adjust PH to 3.0 with phosphoric acid)
 Temperature: 28°C
 Flow Rate: : 0.6ml/min
 Injection Volume: 20µl

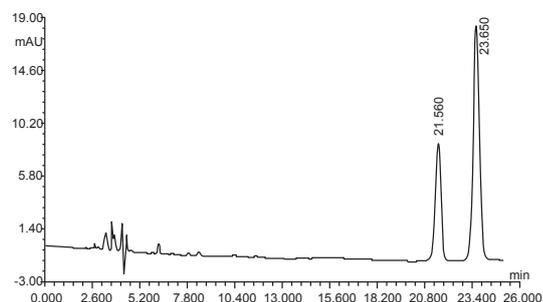
Oxiracetam



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	3.508	71.91	402.423	95.605	8865	1.32	0.00
2	3.825	0.92	7.642	1.815	4794	2.85	1.71

Column: Welch Ultisil™XB-
Wavelength: CN, 5µm, 4.6×250mm 214nm
Mobile Phase: Methyl alcohol/water=40/60
Temperature: Ambient 22°C
Flow Rate: : 1.0ml/min
Injection Volume: 20µl

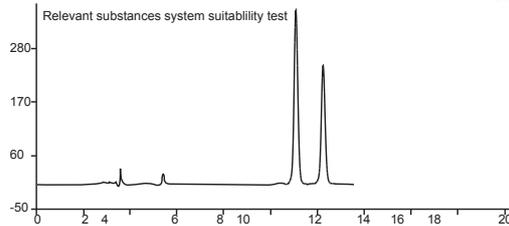
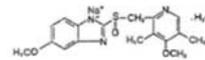
Omeprazole



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	21.560	974	21748.2	31.364	0.89	21031	0.00
2	23.650	1951	47632.0	68.651	1.04	21167	-

Column: Welch Ultisil™LP-C18, 5µm, 4.6×300mm
Wavelength: 280nm
Mobile Phase: 1.4g/LNa₂HPO₄(adjust PH 7.6 with phosphoric acid)/Acetonitrile=72/28
Temperature: 30°C
Flow Rate: : 1.0ml/min
Injection Volume: 20µl

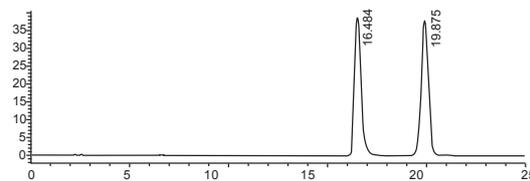
Omeprazole



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factors	R
1	11.085	35.84	441.773	57.076	18245	0.94	0.00
2	12.280	24.14	332.232	42.924	17952	0.84	3.44

Column: Welch Xtimate®C8, 5µm, 4.6×250mm
Wavelength: 280nm
Mobile Phase: 10mmol/LNa₂HPO₄(adjust PH 7.4 with phosphoric acid)
Acetonitrile= 70/30 Ambient
Temperature: 24°C
Flow Rate: : 1.0ml/min
Injection Volume: 20µl

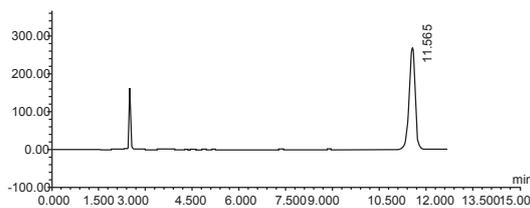
Olmесartan Medoxomi I



Ret Time [min]	Area [mAU*s]	Height [mAU]	symmetry factor	Width [min]	Plates	R	Selectivity
16.484	874.02411	38.65307	0.71	0.3412	12928	-	-
19.875	998.16766	37.60825	0.97	0.4133	12811	5.28	1.21

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×150mm
Mobile Phase: buffer solution/Acetonitrile=32/18
Wavelength: 250nm
Temperature: 40°C
Flow Rate: : 1.0ml/min
Injection Volume: 10µl

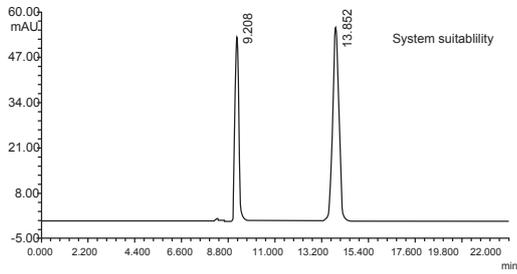
Oxiconazole



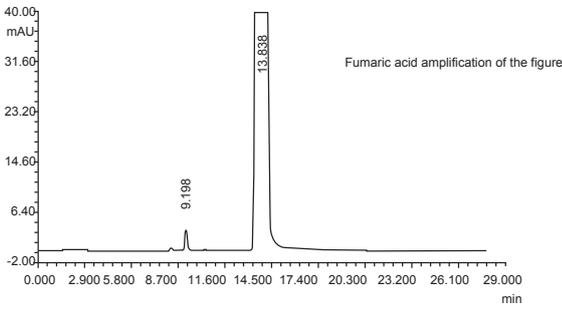
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	Half Width [min]	C	Plates	Tailing Factor
1	11.565	26804	353844.8	12.41	0.00	17312	1.00

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
Mobile Phase: 10%C₄H₁₃NO/Water/Acetonitrile=20/380/850, adjust PH 4.7with phosphoric acid
Wavelength: 220nm
Temperature: 30°C
Flow Rate: : 1.0ml/min
Injection Volume: 20µl

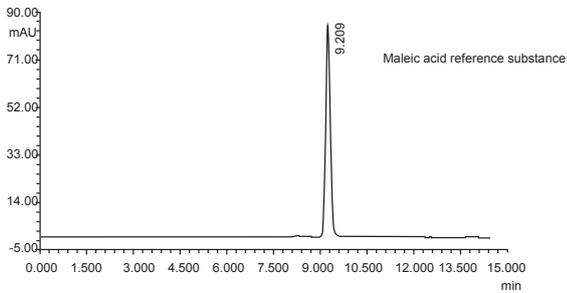
Boletic Acid



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R	Half Width [min]
1	9.208	5294	58095.9	33.699	1.34	15882	0.00	10.32
2	13.852	5536	114299.9	66.301	1.11	10152	11.03	19.41



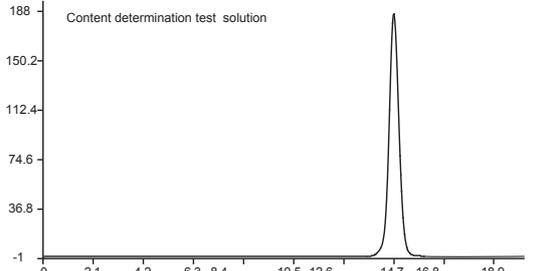
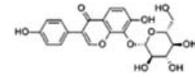
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R	Half Width [min]
1	9.198	328	3555.2	0.076	1.30	16245	0.00	10.19
2	13.838	201694	4693657.5	99.924	1.09	7976	10.21	21.87



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R	Half Width [min]
1	9.209	8472	88099.2	100.000	1.35	0.00	17688	9.77

Column: Welch Xtimate® Sugar-H, 8µm, 78×300mm
 Mobile Phase: 0.0025mol/L sulfuric acid solution
 Wavelength: 210nm
 Temperature: 55°C
 Flow Rate: : 0.5ml/min
 Injection Volume: 5µl
 Attention: Sensitive to injection volume and solvent

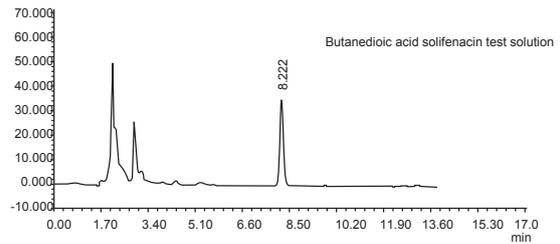
Puerarin



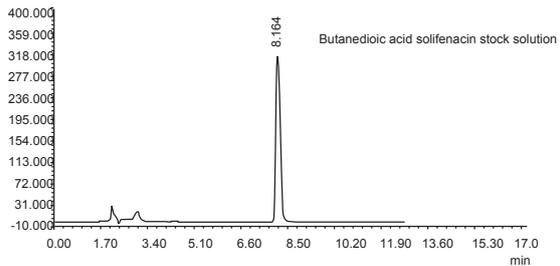
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor
1	14.682	18697	481674.9	99.707	24.22	22.82	7326	0.97

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×150mm
 Wavelength: 250nm
 Mobile Phase: 0.1% Citrate/methanol=75/25
 Temperature: Ambient
 Flow Rate: : 1.0ml/min
 Injection Volume: 20µl

Butanedioic Acid Solifenacin



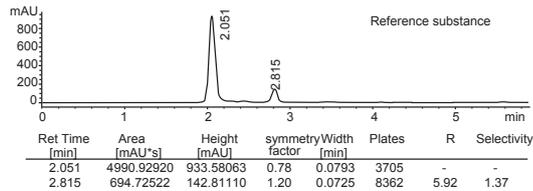
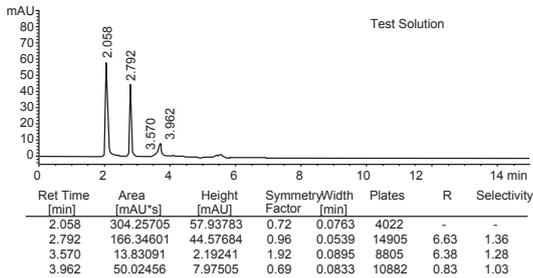
ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]	content [%]	Plates	R	Tailing Factor
1	8.222	0.152	34332.3	341510.2	100.0000	100.0000	16137	1.265	1.201



ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]	content [%]	Plates	R	Tailing Factor	Tailing
1	8.164	0.163	310095.8	3294088.2	100.0000	100.0000	13953	6.650	1.444	Solifenacin

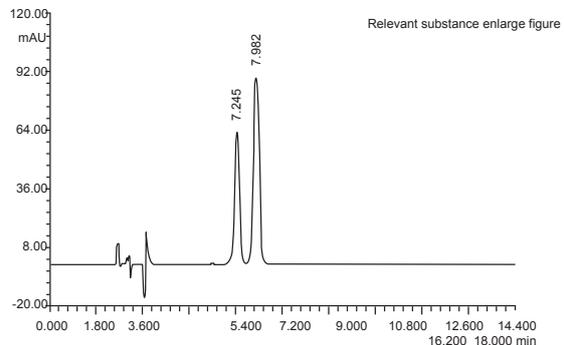
Column: Welch Xtimate® C18, 5µm, 4.6×250mm
 Mobile Phase: 50mmol/L K2HPO4 (pH3.0) /Acetonitrile=60/40
 Wavelength: 210nm
 Temperature: 40°C
 Flow Rate: : 1.0ml/min
 Injection Volume: 20µl

Chondroitin Sulfate and Glucosamine Hydrochloride



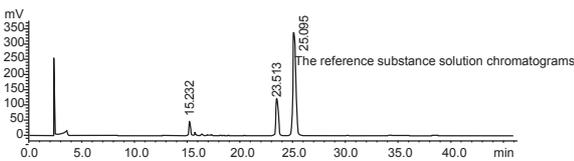
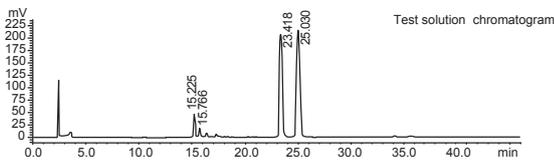
Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Mobile Phase: Acetonitrile/10mmol/L Pentane sulfonic acid sodium solution=10/90
 Wavelength: 192nm
 Temperature: 30°C
 Flow Rate: 0.8ml/min
 Injection Volume: 10µl
 Attention: Sensitive to injection volume and solvent

Salbutamol Sulfate



Column: Welch Ultisil™ Polar-RP, 5µm, 4.6×250mm
 Mobile Phase: 0.08mol/L NaH₂PO₄ solution (adjust PH 3.10±0.05 with phosphoric acid)/methanol=85/15
 Wavelength: 276nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Attention: Sensitive to injection volume and solvent

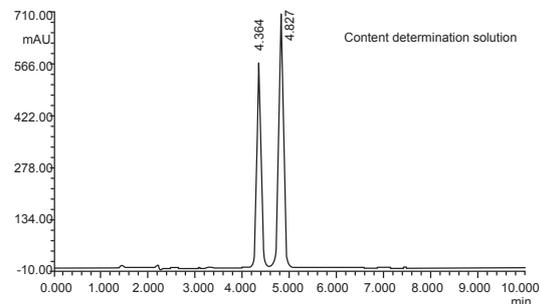
Chondroitin Sulfate Sodium Salt



Column: Welch Ultisil™ XB-SAX, 5µm, 4.6×250mm
 Mobile Phase: Consider water as the mobile phase A (Adjust PH3.5 with diluted hydrochloric acid) consider 2mol/L NaCl solution (Adjust PH3.5 with diluted hydrochloric acid) as the mobile phase B
 A linear gradient program according to the following table:

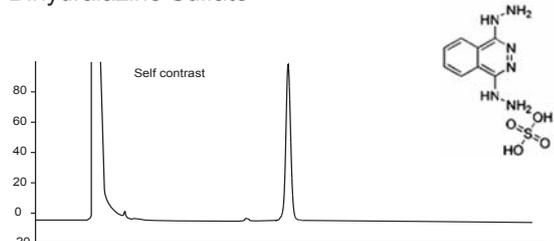
Time (min)	Mobile Phase A (%)	Mobile Phase B (%)
0	100	0
4	100	0
45	50	50

Wavelength: 232nm
 Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

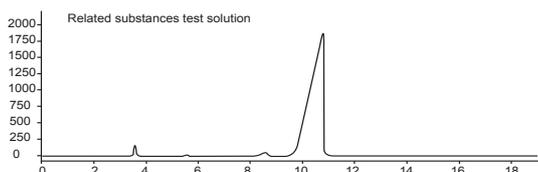


Column: Welch Ultisil™ XB-C8, 5µm, 4.6×250mm
 Mobile Phase: Heptane sulfonic acid sodium solution (dissolve and diluted 2.87g sodium heptanesulfonate and 2.5g KH₂PO₄ to 1000 ml, adjust PH3.65 with phosphoric acid solution) /Acetonitrile=78/22
 Wavelength: 220nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Attention: Sensitive to injection volume and solvent

Dihydralazine Sulfate

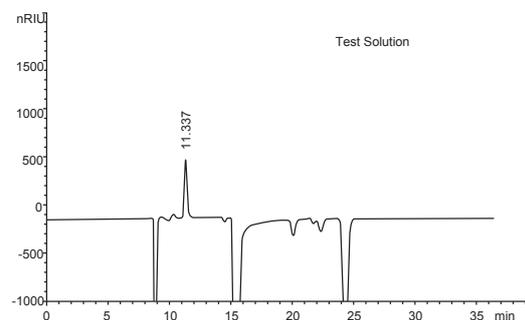


Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry Factor	Width [min]	Plates	R	Selectivity
8.476	13.72894	1.30975	0.87	0.1583	15879	-	-
10.154	1331.94568	101.19588	1.02	0.1917	15547	5.63	1.20



Column: Welch Ultisil™XB-N, 5µm, 4.6×250mm
 Wavelength: 230nm
 Mobile Phase: Buffer solution/acetonitrile=78/22
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

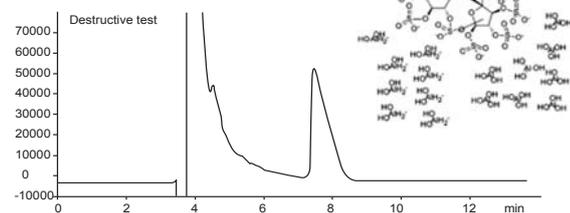
Meglumine



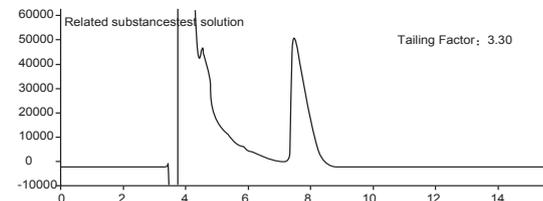
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry Factor	Width [min]	Plates
11.337	1.00674e4	605.51361	0.83	0.2496	11435

Column: Welch Xtimate® Sugar-H, 8µm, 78×300mm
 Mobile Phase: Trifluoroacetic acid/formic acid/water=0.05/0.3/100
 Detector: RID
 Temperature: 35°C, Detector temperature: 35°C
 Flow Rate: 0.5ml/min
 Injection Volume: 20µl
 Attention: Sensitive to injection volume and solvent

Sucralfate

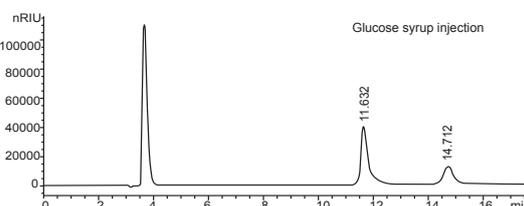


Ret Time [min]	Area [nRIU*s]	Height [nRIU]	Symmetry Factor	Width [min]	Plates	R	Selectivity
4.517	9.61560e4	7448.26953	0.21	0.1350	6195	-	-
5.375	5033.25146	623.74933	0.17	0.0734	29634	4.83	1.19
5.851	4946.60986	725.68097	0.37	0.1055	17046	3.13	1.09
7.497	1.65430e6	5.38669e4	0.22	0.4608	1466	3.41	1.28

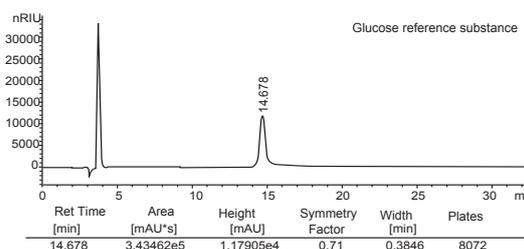


Column: Welch Ultisil™ XB-NH₂, 3µm, 4.6×250mm
 Detector: RID
 Mobile Phase: 0.8mol/L (NH₄)₂SO₄ solution, adjust PH3.5±0.1 phosphoric acid
 Temperature: 30°C
 Detector temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 50µl

Glucose Injection



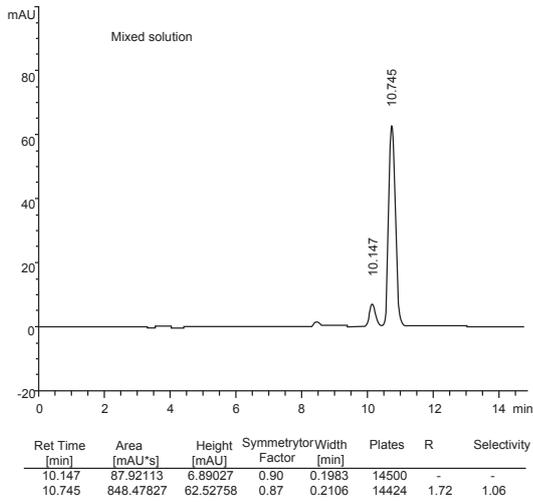
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry Factor	Width [min]	Plates	R	Selectivity
11.632	7.96480e5	4.00819e4	0.48	0.2434	12643	-	-
14.712	3.51480e5	1.23998e4	0.76	0.3888	7930	5.72	1.26



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry Factor	Width [min]	Plates
14.678	3.43462e5	1.17905e4	0.71	0.3846	8072

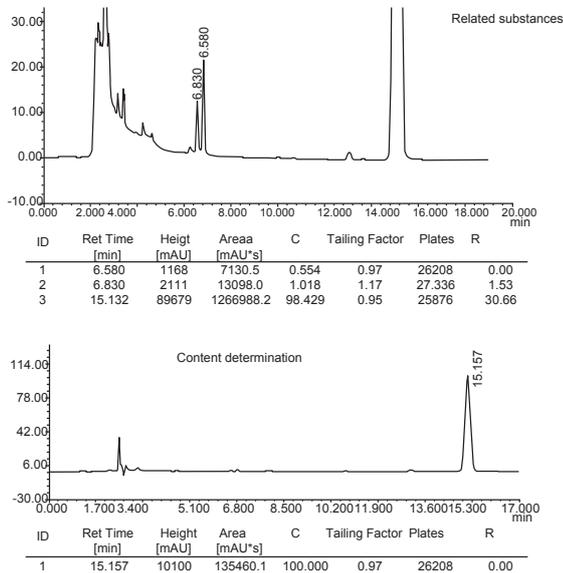
Column: Welch Ultisil™ XB-H₂, 5µm, 4.6×250mm
 Mobile Phase: Acetonitrile/water=78/22mixture
 Detector: RID
 Temperature: 35°C, Detector temperature 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Attention: Sensitive to injection volume and temperature

Glucose-fructose



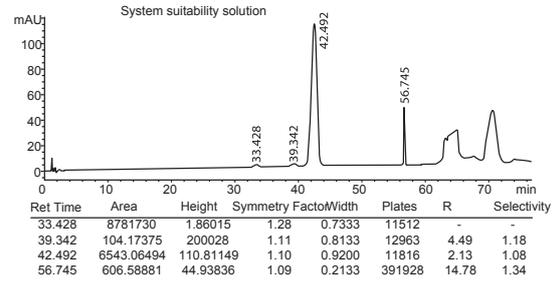
Column: Welch Xtimate® Sugar-H, 8µm, 78×300mm
 Mobile Phase: 0.04M phosphoric acid solution
 ~Wavelength: 200nm
 Temperature: 50°C
 Flow Rate: 0.5mL/min
 Injection Volume: 20µl

Nitroglycerin Tablets



Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×300mm
 Wavelength: 215nm
 Mobile Phase: Acetonitrile/Water=50/50
 Temperature: 30 °C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

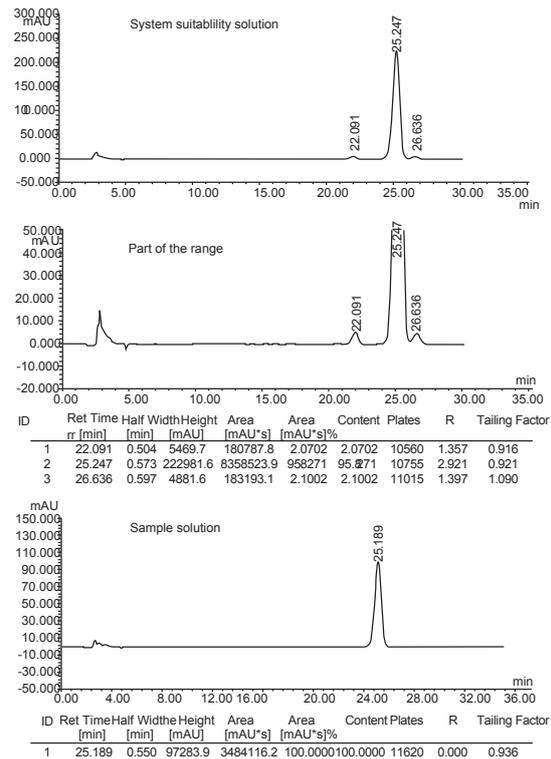
Paclitaxel Injection



Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Mobile Phase: A phase: Acetonitrile; B phase: water

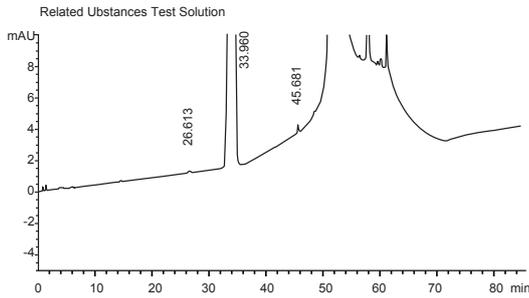
Mobile Phase (Gradient Program)	Time (min)	Acetonitrile (%)	Water (%)
	0	40	60
	45	40	60
	70	80	20
	80	40	60
	90	40	60

Wavelength: 227nm
 Temperature: 30°C
 Flow Rate: 1.5ml/min
 Injection Volume: 10µl

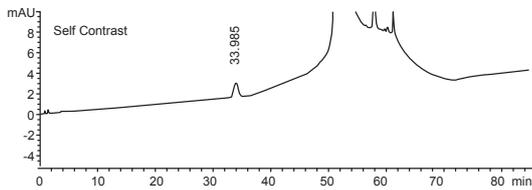


Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: Methanol/water/acetonitrile=23/41/36
 Mobile Phase: 227nm
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Paclitaxel



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry Factor	Width [min]	Plates	R	Selectivity
26.613	3.94809	1.06777e-1	1.42	0.5900	11272	-	-
33.960	6491.86523	134.26871	1.02	0.7600	11061	6.39	1.28
45.681	6.97058	4.90291e-1	1.21	0.2089	264925	14.21	1.35



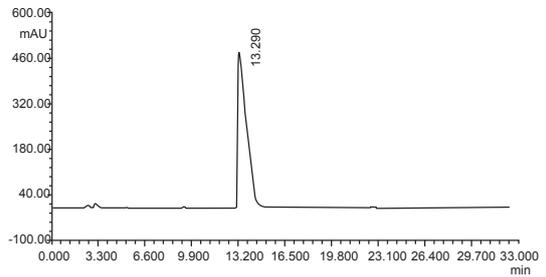
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry Factor	Width [min]	Plates	R
33.985	66.10719	1.37249	1.08	0.7600	11078	-

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×200mm
 Mobile Phase: A: Acetonitrile; B: water

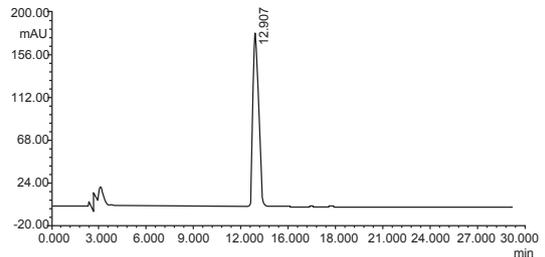
Mobile Phase	Time (min)	Acetonitrile (%)	Water (%)
(Gradient Program)	0	40	60
	35	40	60
	60	80	20
	70	40	60
	85	40	60

Wavelength: 227nm
 Temperature: 30°C
 Flow Rate: 1.5ml/min
 Injection Volume: 10µl

Palmitic Acid Pan Li Ketone Slow-release Injection



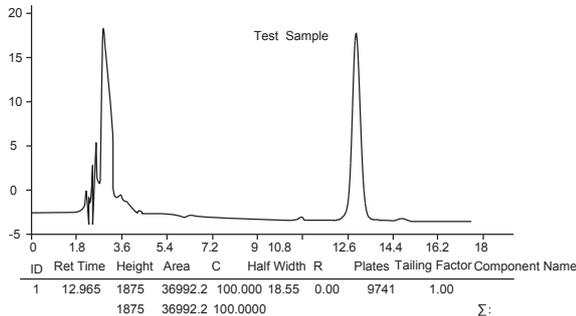
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R	Half Width
2	13.290	48015	1927896.9	98.580	4.96	2471	12.92	37.74



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R	Half Width
1	12.907	17817	382220.8	100.000	1.47	8164	0.00	20.17

Column: Welch Xtimate® C8, 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: Acetonitrile/50mM KH₂PO₄ (pH=2.0) =75/25
 Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

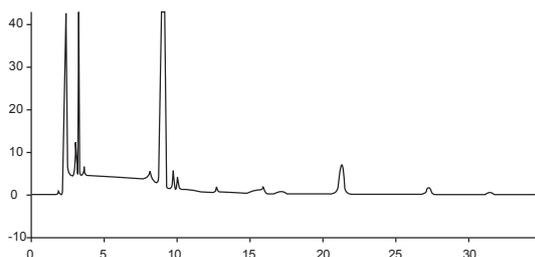
Palmitic acid Pan Li ketone Slow-release Injection



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor	Component Name
1	12.965	1875	36992.2	100.000	18.55	0.00	9741	1.00	
		1875	36992.2	100.0000					Σ:

Column: Welch Xtimate® C8, 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: Acetonitrile: 50mM KH₂PO₄ solution (adjust PH2 with phosphoric acid solution)=75/25
 Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

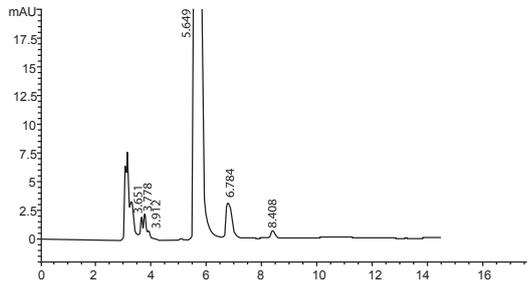
Iopromide



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry Factor	Width [min]	Plates	R	Selectivity
8.160	63.10242	2.73062	1.06	0.2417	6316	14.81	-
9.025	5579.92578	781.99384	0.98	0.1055	40563	2.93	1.11
9.737	25.93944	4.44434	0.66	0.0833	75630	4.43	1.08
10.038	14.06892	2.92507	0.95	0.0767	94946	2.21	1.03

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Wavelength: 254nm
 Mobile Phase: Water/Acetonitrile=80/20(0-5min), 40/60(5.1min)
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

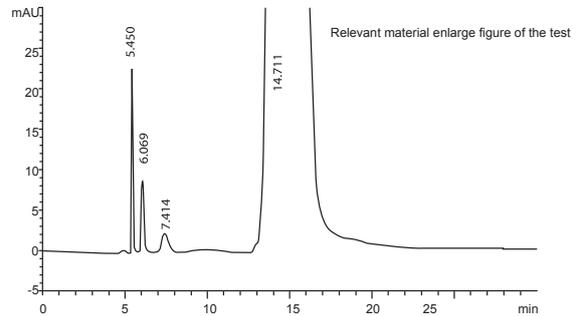
Fosinopril Sodium



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry Factor	Width [min]	Plates	R	Selectivity
3.651	7.55220	1.62490	0.93	0.0752	13038	-	-
3.778	10.95446	1.97772	0.88	0.0663	10622	0.93	1.03
3.912	3.37001	5.7267e-1	0.63	0.0887	10778	0.90	1.04
5.649	4471.92969	559.00983	0.67	0.1189	12506	9.82	1.44
6.784	42.36015	2.98496	0.48	0.2250	5035	3.88	1.20
8.408	6.39893	6.35429e-1	0.81	0.1567	15952	5.00	1.24

Column: Welch Topsil® silica, 5µm, 4.6×250mm
 Wavelength: Acetonitrile/Phosphoric acid=2000/1
 Mobile Phase: 214nm
 Temperature: 33°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

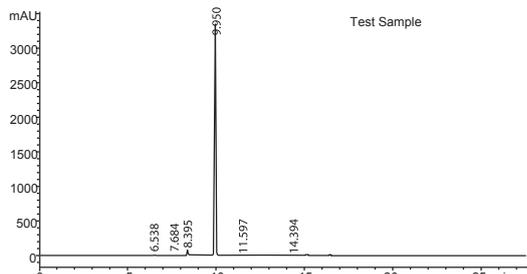
Ketophenylalanine Calcium



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry Factor	Width [min]	Plates	R	Selectivity
5.450	129.01399	22.75509	0.69	0.0833	23895	-	-
6.069	96.71046	8.72349	0.73	0.1617	7810	2.97	1.11
7.414	65.85388	2.33561	0.74	0.4300	1647	2.67	1.22
14.711	5.74822e4	716.52972	0.82	1.2382	782	5.14	1.98

Column: Welch Xtimate® Sugar-H, 8µm, 78×300mm
 Mobile Phase: 0.025mol/L H₂SO₄
 Wavelength: 205nm
 Temperature: 20°C
 Flow Rate: 0.8ml/min
 Injection Volume: 20µl
 Notes: Sensitive to injection volume and solvent

Ranitidine



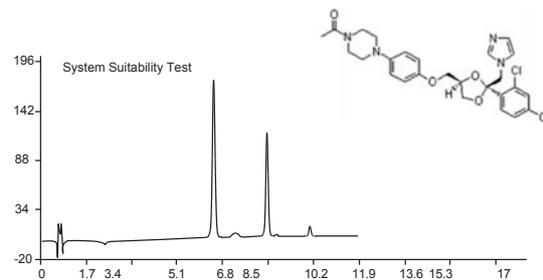
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry Factor	Width [min]	Plates	R	Selectivity
6.538	73.32280	7.40329	0.59	0.0883	30337	-	-
7.684	5.44191	1.23108	1.10	0.0658	75460	8.73	1.18
8.395	327.94211	76.36230	1.00	0.0667	87883	6.31	1.09
9.950	1.65578e4	3361.40869	1.13	0.0766	93570	12.75	1.19
11.597	5.66115	1.06720	1.18	0.767	126754	12.75	1.19
14.394	11.91984	1.43543	1.17	0.1233	75452	16.43	1.24

Column: Welch Xtimate® C18, 5µm, 4.6×250mm
 Mobile Phase: A:PBS (6.8ml phosphoric , Put into 1900ml water, add 50%NaOH solution 8.6ml, add water to 2000ml, adjust PH 7.10±0.05 with 50%NaOH solution/ Acetonitrile=78/22

Gradient Program:	Time(min)	Mobile Phase A(%)	Mobile PhaseB(%)
	0	100	0
	10	0	100
	15	0	100
	16	100	0
	20	100	0

Wavelength: 230nm
 Temperature: 35°C
 Flow Rate: 1.0mL/min
 Injection Volume: 10µl

Ketoconazole Tablets



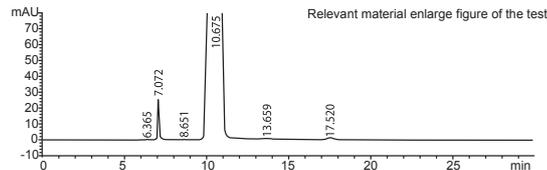
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	6.452	17.25	71.094	57.459	55276	0.98	0.00
2	8.475	11.32	52.635	42.541	74941	0.89	17.32

Column: Welch Welchrom® C18, 5µm, 4.6×100mm
 Wavelength: 220nm
 Mobile Phase: A: 0.34% tetrabutylammonium hydrogen sulfate
 B: Acetonitrile

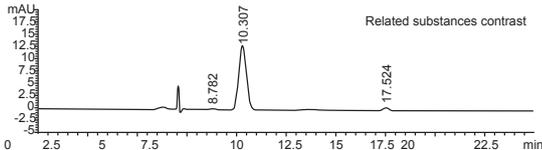
Gradient Program:	Time (min)	Mobile Phase A(%)	Mobile Phase B (%)
	0	95	5
	10	50	50
	15	50	50
	17	95	5

Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Ketoleucine Calcium



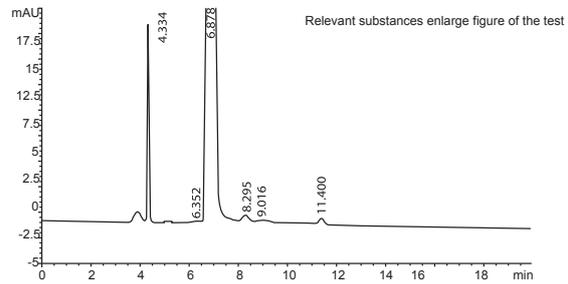
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
6.365	9.27288	2.97297e-1	1.17	0.6932	637	-	-
7.072	205.83165	25.61472	0.69	0.1110	22513	1.18	1.11
8.651	3.53633	2.30758e-1	0.74	0.2267	8068	5.49	1.22
10.675	3.31200e4	1121.87341	1.94	0.4598	2988	3.46	1.23
13.659	23.41771	4.38457e-1	0.80	0.8567	1409	2.66	1.28
17.520	39.69463	1.25069	0.89	0.4400	8784	3.50	1.28



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
8.782	4.92125	1.94737e-1	0.76	0.3933	2763	-	-
10.307	345.17319	13.03876	0.93	0.4100	3501	2.23	1.17
17.524	11.71315	6.03940e-1	0.90	0.2967	19329	12.00	1.70

Column: Welch Xtimate® Sugar-H, 8µm, 7.8×300mm
 Mobile Phase: 0.025mol/L H₂SO₄ solution
 Detection Wavelength: 205nm
 Temperature: 30°C
 Flow Rate: 0.6ml/min
 Injection Volume: 20µl
 Notes: Sensitive to injection volume and solvent

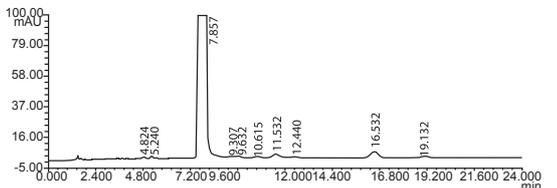
Keto-valine-calcium



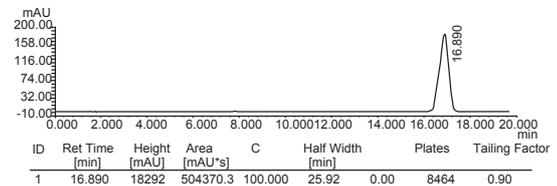
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
4.334	88.49799	19.31319	0.84	0.0683	22279	-	-
6.352	2.29607	1.24636e-1	1.84	0.3261	2103	6.01	1.47
6.878	6215.84766	478.01047	0.92	0.2044	6270	1.16	1.08
8.295	11.71679	6.77484e-1	1.05	0.2667	5358	3.54	1.21
9.016	4.00414	1.49661e-1	0.80	0.4367	2364	1.20	1.09
11.400	7.80466	5.68967e-1	1.07	0.2050	17132	4.37	1.26

Column: Welch Xtimate® Sugar-H, 8µm, 7.8×300mm
 Mobile Phase: 0.025mol/L H₂SO₄ solution
 Detection Wavelength: 205nm
 Temperature: 50°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Notes: Sensitive to injection volume and solvent

Ketoprofen



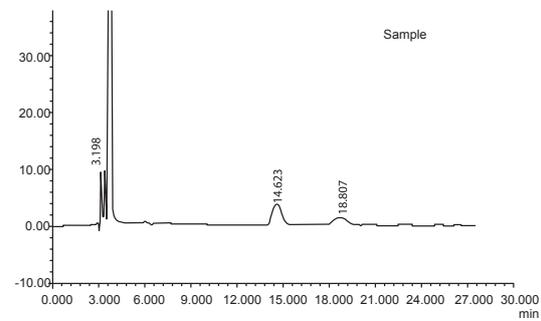
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor
1	4.824	109	1240.6	0.045	10.70	0.00	4052	1.29
2	5.240	172	1460.0	0.053	7.98	1.57	8596	0.85
3	7.857	223865	2724646.6	98.983	11.44	9.51	9400	0.91
4	9.307	54	790.5	0.029	13.76	4.06	9117	0.76
5	9.632	84	1292.4	0.047	14.46	0.81	8840	1.02
6	10.615	79	1290.2	0.047	15.35	2.33	9529	0.93
7	11.532	252	6205.1	0.225	23.15	1.68	4847	1.01
8	12.440	68	1794.3	0.065	24.80	1.34	5013	1.17
9	16.532	420	10946.1	0.398	24.50	5.86	9076	1.08
10	19.132	102	2968.6	0.108	3.54	3.54	9747	1.05



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	Plates	Tailing Factor	
1	16.890	18292	504370.3	100.000	25.92	0.00	8464	0.90

Column: Welch Topsil® C18, 5µm, 4.6×150mm
 Mobile Phase: Phosphate buffer (68g KH₂PO₄ add 1000ml water, adjust pH 3.5) /Acetonitrile/water=2/43/55
 Detection Wavelength: 233nm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Notes: Sensitive to Injection Volume

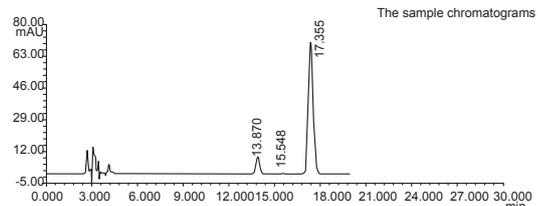
The Phenol Spray Promethazine Particles



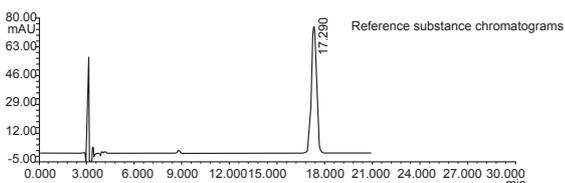
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor
1	3.198	862	4726.6	1.784	5.15	0.00	7675	0.95
2	3.407	851	4510.7	1.703	4.98	1.45	9318	1.22
3	3.707	32656	232522.9	87.783	6.69	1.81	6124	1.53
4	14.623	363	15667.0	5.915	40.57	16.31	2589	1.37
5	18.807	128	7455.6	2.815	54.75	3.10	2352	0.97

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Detection Wavelength: 218nm
 Mobile Phase: 0.05mM Heptane sulfonic acid potassium, add 0.5mL/L triethylamine adjust PH3.0/methanol=50/50
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 5µl

Cyproheptadine Cream



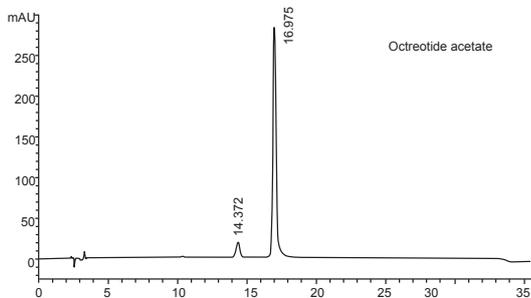
ID	Component	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	Impurity1	13.870	0.93	14.713	8.883	0.96	17485	0.00
2	Impurity2	15.548	0.02	0.335	0.202	0.92	25746	4.16
3	Cyproheptadine hydrochloride	17.355	7.05	150.581	90.915	1.06	14896	3.78



ID	Component	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	Cyproheptadine hydrochloride	17.290	7.51	163.566	100.000	1.06	14215	0.00

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Detection Wavelength: 286nm
 Mobile Phase: (0.3% Methylsulfonic acid solution/acetonitrile/ isopropanol=65/20/15) adjust PH 4 with triethylamine
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Octreotide Acetate



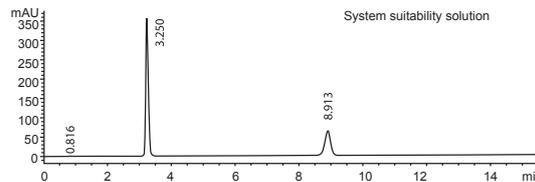
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
14.372	243.54868	18.52517	0.96	0.1950	30099	-	-
16.975	4585.09082	283.36371	0.69	0.2335	29285	7.14	1.18

Column: Welch Xtimate® C18, 5µm, 4.6×250mm buffer solution: Acetonitrile gradient elution
 Mobile Phase:
 Gradient Program:

Time (min)	Mobile Phase A(%)	Mobile Phase B(%)
0	73	27
30	55	45
31	73	27
37	73	27

Detection Wavelength: 210nm
 Temperature: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

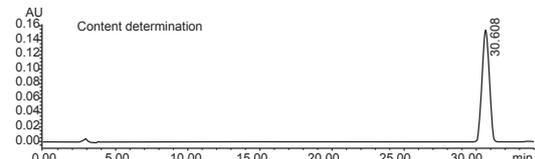
Dexamethasone Acetate



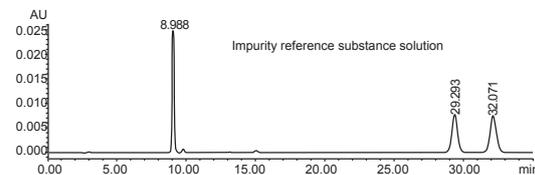
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
0.816	9.99807	1.80508	0.86	0.0657	859	-	-
3.250	1847.78674	358.57562	1.00	0.0796	9247	19.68	3.98
8.913	813.24066	63.85212	1.08	0.1956	11505	24.18	2.74

Column: Welch Xtimate® C18, 3µm, 4.6×100mm
 Mobile Phase: Acetonitrile/water=40/60
 Detection Wavelength: 240nm
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

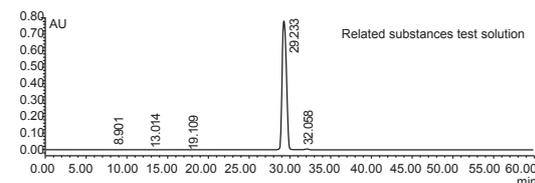
Prednisone Acetate



ID	Ret Time [min]	Area [mAU*s]	Area [mAU*s]	Height [mAU]	Height [mAU]	Plates	K'	Symmetry
1	30.608	5064358	100.00	154060	100.00	1.982656e+004	2.960760e+001	0.049174e+000



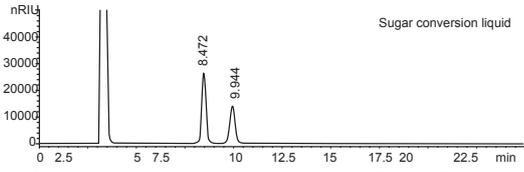
ID	Ret Time [min]	Area [mAU*s]	Area [mAU*s]	Height [mAU]	Height [mAU]	Plates	K'	Symmetry	R
1	8.988	262294	35.56	24881	62.14	1.715125e+004	7.987580e+000	1.144915e+000	-
2	29.293	232081	31.47	7726	19.29	2.152644e+004	2.829324e+001	1.040883e+000	0.0003.79447e+001
3	32.071	243191	32.97	7425	18.57	2.167770e+004	3.107102e+001	1.306465e+000	0.0003.335718e+000



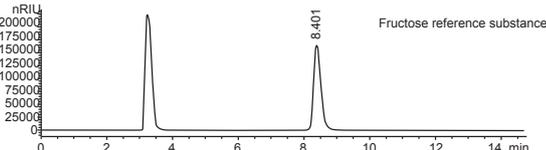
ID	Ret Time [min]	Area [mAU*s]	Area [mAU*s]	Height [mAU]	Height [mAU]	Plates	K'	Symmetry	R
1	8.901	16088	0.07	1064	0.41	-	7.981377e+000	1.614780e+000	-
2	13.014	4806	0.02	369	0.05	1.188737e+001	1.201386e+001	0.058062e+000	1.188737e+001
3	19.109	17864	0.07	951	0.12	1.413319e+001	1.810856e+001	1.00470E+000	1.413319e+001
4	29.233	23787198	99.27	778199	99.16	1.540497e+002	1.090639e+004	0.04401e+000	1.540497e+001
5	32.058	136135	0.57	4172	0.53	3.365107e+002	2.153514e+004	0.042345e+000	3.365107e+000

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×150mm
 Wavelength: 240nm
 Mobile Phase: Acetonitrile/Water=33/67
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Sugar Conversion Liquid



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
8.472	4.13075e5	2.63011e4	0.89	0.2402	6895	-	-
9.944	2.93570e5	1.39527e4	0.92	0.3240	5218	3.06	1.17

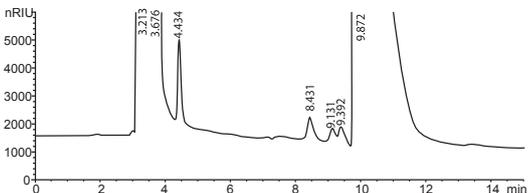


Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates
8.401	2.65932e6	1.64873e5	0.65	0.2395	6821

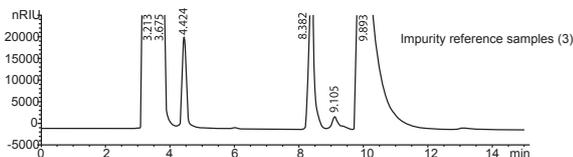
Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6×250mm
 Mobile Phase: Acetonitrile/water=70/30
 Detector: RID
 Temperature: 35°C, detector temperature 35°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl
 Notes: Sensitive to injection volume and temperature

Fosfomicyn Trometamol

Sample (main height and impurities A and unknown impurities)



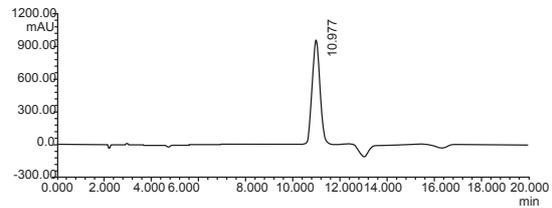
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
3.213	4.28582e6	3.78764e5	0.38	0.1760	1844	-	-
3.676	4.89498e6	4.73394e5	1.18	0.1658	2730	1.59	1.14
4.434	2.42134e4	3038.35571	0.94	0.1212	7419	3.10	1.21
8.431	1.09223e4	833.16760	0.65	0.1800	12155	15.59	1.90
9.131	6877.88672	551.61904	0.99	0.2346	8392	1.98	1.08
9.392	8561.05078	639.13196	0.63	0.2283	9366	0.66	1.03
9.872	1.91900e6	5.69577e4	0.17	0.4320	2893	0.85	1.05



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
3.213	4.09845e6	3.77071e5	0.93	0.1413	2862	-	-
3.675	4.63085e6	4.38016e5	1.07	0.1681	2643	1.76	1.14
4.424	1.83005e5	2.10436e4	0.72	0.1224	7227	-	-
8.382	3.74906e5	3.14110e4	0.78	0.1764	12505	3.03	1.20
9.105	4.62525e4	2891.47705	0.52	0.1962	11939	15.56	1.89
9.893	1.47248e6	4.37792e4	0.19	0.4500	2677	1.43	1.09

Column: Welch Ultisil™ XB-NH₂, 3µm, 4.6×250mm
 Detection Wavelength: Differential 35°C
 Mobile Phase: 10.89g/L KH₂PO₄ water solution
 Temperature: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

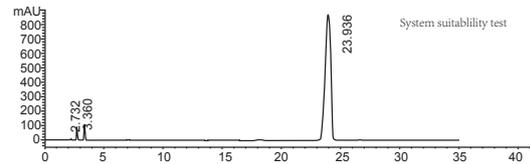
Creatine Phosphate



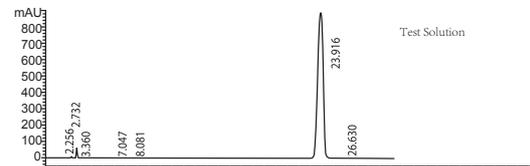
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	10.977	95942	2354376.4	100.0000	1.17	4513	0.00

Column: Welch Ultisil™ Polar-RP, 5µm, 4.6×250mm
 Mobile Phase: 2g KH₂PO₄, 0.8g tetrabutylammonium phosphate in 1000ml water, adjust PH to 3.5 with glacial acetic
 Detection Wavelength: 210nm
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

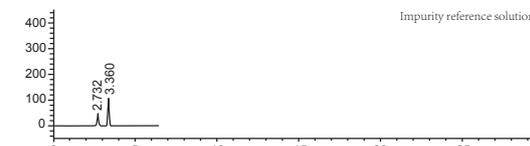
Creatine Phosphate



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
2.732	358.28232	91.51404	0.92	0.0616	10907	-	-
3.360	528.39276	107.52889	0.85	0.0700	12755	5.61	1.23
23.936	2.45681e4	874.31775	1.27	0.4815	15555	46.34	7.12



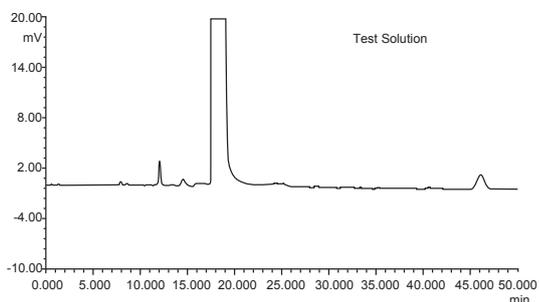
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
2.256	32.78412	8.61742	1.24	0.0575	8541	-	-
2.732	234.59624	59.508	0.92	0.0611	11084	4.72	2.21
3.360	32.22964	3.12214	1.10	0.1000	6246	4.58	1.23
7.047	23.02838	2.16111	0.72	0.1567	12780	17.56	2.10
8.081	22.23452	1.66057	0.83	0.2133	7943	3.37	1.15
23.916	2.8755e4	890.18573	1.27	0.4506	15605	28.02	2.96
26.630	70.72813	2.42100	1.08	0.4533	19118	3.53	1.11



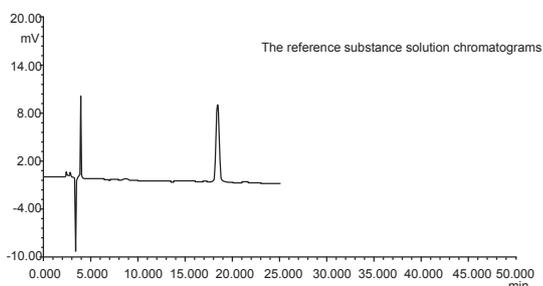
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
2.732	184.53371	47.08394	0.92	0.0619	10776	-	-
3.360	528.59723	109.20195	0.88	0.0717	12155	5.53	1.23

Column: Welch Xtimate® C18, 5µm, 4.6×250mm
 Mobile Phase: 0.2% KH₂PO₄, 0.1% TBAOH solution, adjust PH to 6.60 with phosphoric acid
 Detection Wavelength: 210nm
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection volume: 20µl

Piperaquine Phosphate



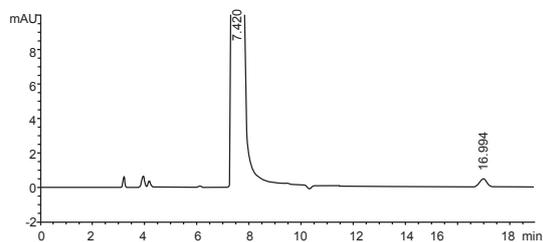
ID	Ret Time [min]	Heigh [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
5	12.027	0.29	4.032	0.144	16643	0.95	9.63
6	14.487	0.08	2.119	0.076	7440	1.26	4.71
7	17.763	63.54	2756.733	98.353	3781	2.95	3.59
8	46.123	0.17	9.300	0.332	16606	0.98	21.92



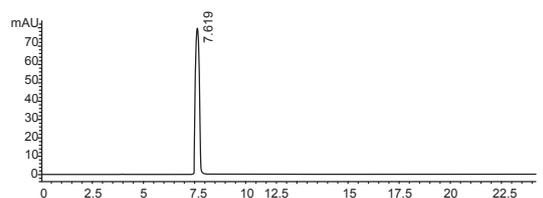
ID	Ret Time [min]	Heigh [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	3.903	1.42	27.341	52.628	922	0.83	0.00
2	18.383	0.98	24.611	47.372	12013	1.10	24.44

Column: Welch Xtimate® C18, 5µm, 4.6×250
 Detection Wavelength: 240nm
 Mobile Phase: Acetonitrile/0.1%trichloroacetic acid solution/
 H₃PO₄=20/80/0.035
 Temperature: Ambient 24°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Piperaquine Phosphate Tablets



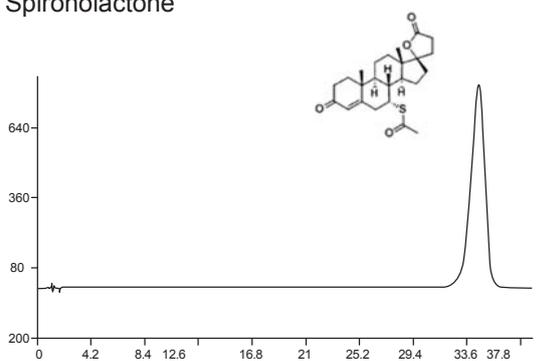
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
7.420	9139.40820	682.93610	0.34	0.2055	7199	-	-
16.994	9.75896	4.90009e-1	0.87	0.3033	17389	22.13	2.29



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates
7.619	821.19373	79.78240	0.67	0.1555	23305

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Mobile Phase: Acetonitrile/0.1% trichloroacetic acid solution
 (adjust PH to 2.1 with H₃PO₄) =25/75
 Detection Wavelength: 349nm
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl
 Notes: Ret time is sensitive to organic phase ratio

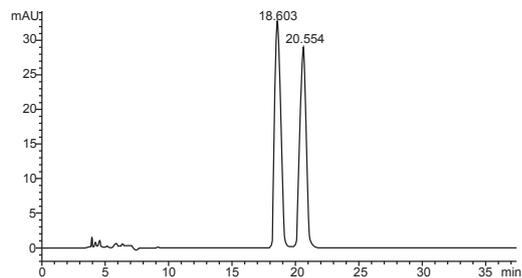
Spirolactone



ID	Component	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates
1	Spirolactone	34.565	80280	5783723.6	100.000	0.81	5192

Column: Welch Ultisil™ XB-C18, 3µm, 4.6×100mm
 Detection Wavelength: 254nm
 Mobile Phase: Acetonitrile/THF/methanol/water=15/20/425/540
 Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

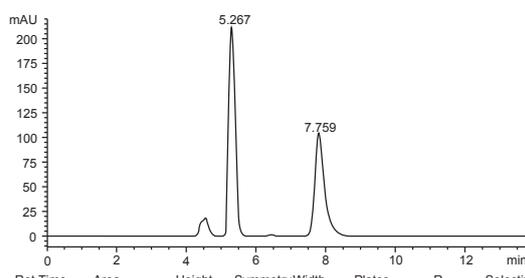
1 - (2, 6 - dichloro - 3 - fluorinated phenyl) Ethanol



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
18.603	921.36816	32.28753	0.84	0.4368	10049	-	-
20.554	921.59717	28.89281	0.82	0.4950	9551	2.46	1.10

Column: Welch Ultisil™ Amy-D, 5µm, 4.6×250mm
 Mobile Phase: Normal hexane/isopropanol=99/1

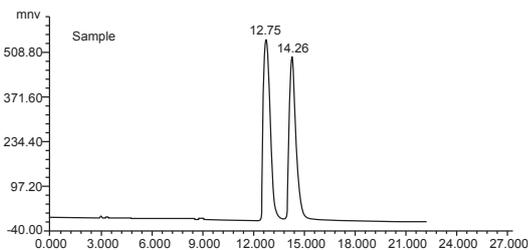
9 - (2 - hydroxypropyl) Adenine



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
5.267	2210.71167	211.48203	0.67	0.1480	7014	-	-
7.759	2170.04907	105.48202	0.61	0.2985	3744	6.56	1.47

Column: Welch Ultisil™ Amy-DR, 5µm, 4.6×250mm
 Mobile Phase: Methanol

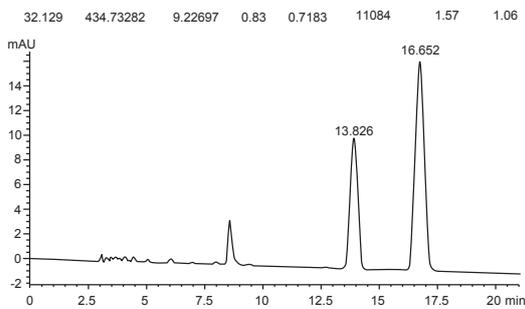
3 - (dimethyl amine) - 1 - (2 - thiophene) - 1 - propanol



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	C	Half Width [min]	R	Plates	Tailing Factor
1	12.750	55650	1350797.1	52.471	22.82	0.00	6224	1.97
2	14.263	50409	13844050.5	47.529	25.81	2.20	6.87	1.85

Column: Welch Cellud-Y, 5µm, 4.6×250mm
 Detection Wavelength: 230nm
 Mobile Phase: Normal hexane/isopropanol/Diethylamine=500/10/1
 Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

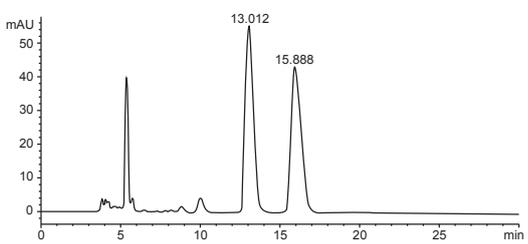
(RS) - 4 - phenyl - 2 - pbo Alkanes



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
13.826	211.92697	10.65369	0.83	0.2985	11887	-	-
16.652	406.65955	16.96299	0.97	0.3640	11594	5.01	1.20

Column: Welch Ultisil™ Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/ethanol/TFA=90/10/0.1

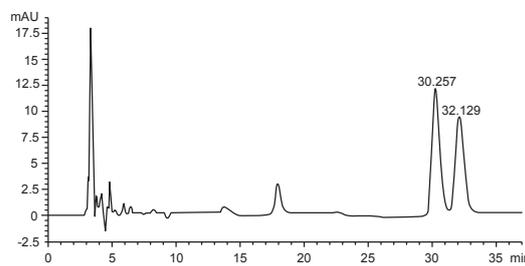
2-(4-hydroxyphenoxy) Propionate



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
13.012	1770.62329	55.27232	0.68	0.4853	3982	-	-
15.888	1791.42456	43.44866	0.62	0.6309	3513	3.03	1.22

Column: Welch Ultisil™ Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: Normal hexane/isopropanol/TFA=90/10/0.1

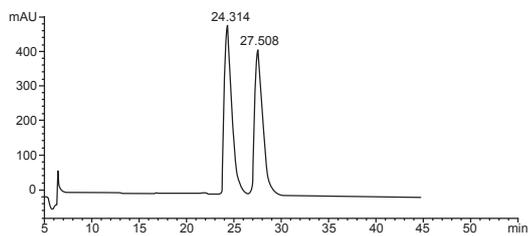
(RS) - 4 - phenyl - 2 - pbo Alkanes



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
30.257	539.68585	11.96998	0.87	0.6843	10830	-	-
32.129	434.73282	9.22697	0.83	0.7183	11084	1.57	1.06

Column: Welch Ultimat® Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/ethanol/acetic acid=90/10/0.04

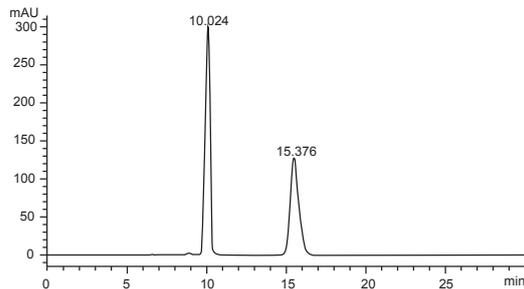
DL- Repaglinide



Ret Time [min]	K'	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
3.333	6.2e-2	4.60621e4	3539.15747	0.48	0.1796	1909	-	-
24.314	6.75	2.64734e4	488.01721	0.52	0.8008	5107	25.15	109.05
27.508	7.76	2.64829e4	420.41223	0.51	0.9270	4879	2.17	1.15

Column: Welch Ultisil™ Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/ethanol/TFA=90/10/0.1

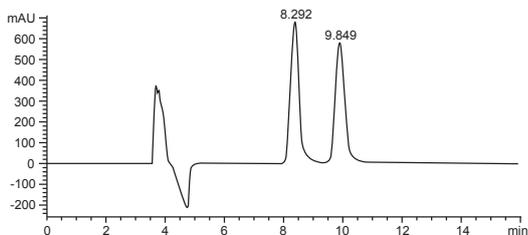
Tröger's Base-AS



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
10.024	4694.42432	300.86932	1.02	0.2233	11167	-	-
15.376	4660.89502	125.57095	0.58	0.5484	4355	8.15	1.53

Column: Welch Ultisil™ Cellu-J, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropyl alcohol=90/10

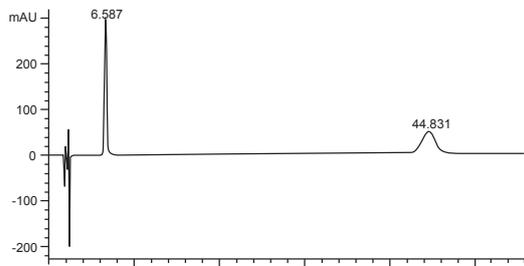
Mandelic Acid



Ret Time [min]	K'	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
8.292	1.28	2.81003e4	795.40295	0.93	0.3300	3497	-	-
9.849	1.71	2.33444e4	670.84216	0.55	0.3737	3848	2.60	1.33

Column: Welch Ultisil™ Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/ethanol/TFA=90/10/0.1

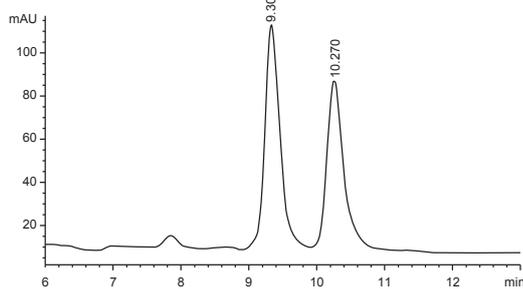
Pindolol



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
6.587	5152.25244	292.45233	0.62	0.2475	3923	-	-
44.831	5554.81104	47.17558	0.87	1.7569	3607	22.42	6.81

Column: Welch Ultisil™ Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropanol/DEA=80/20/0.1

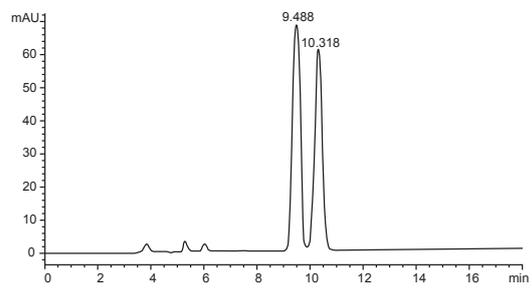
Metoprolol-AD



Ret Time [min]	K'	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
9.306	1.70	6784.75391	191.27834	0.82	-	-	-	1.13
10.270	1.98	3709.34814	121.73563	0.76	0.4247	3240	-	1.16

Column: Welch Ultisil™ Amy-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropanol/DEA=80/20/0.1

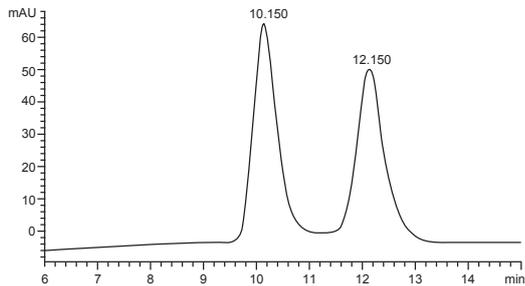
RS-BNP



Ret Time [min]	K'	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
9.488	1.64	1148.97998	68.06134	0.99	0.2572	7538	-	-
10.318	1.87	1105.03979	60.28802	1.02	0.2791	7573	1.82	1.14

Column: Welch Ultisil™ Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/ethanol=90/10

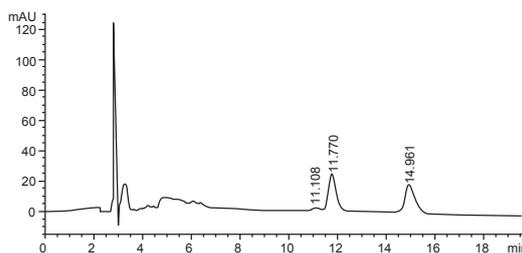
Triadimenfon



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
10.150	2119.70093	67.75288	0.76	0.4756	2523	9.71	3.16
12.150	2027.06750	52.44782	0.73	0.5824	2411	2.22	1.20

Column: Welch Ultisil™ Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropyl alcohol=90/10

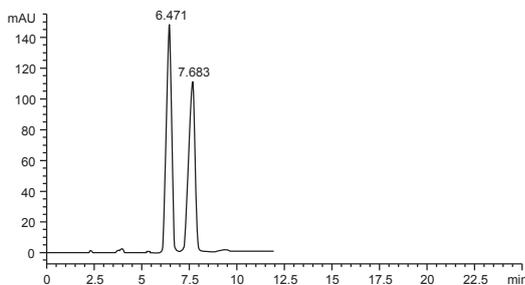
Acetylbutyrolactone



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
11.108	53.35297	2.29578	0.91	0.4028	4212	4.80	1.74
11.770	583.14569	25.08399	0.75	0.3428	6285	1.03	1.06
14.961	571.23511	18.46584	0.71	0.4514	6086	4.68	1.27

Column: Welch Ultisil™ Amy-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropyl alcohol=90/10

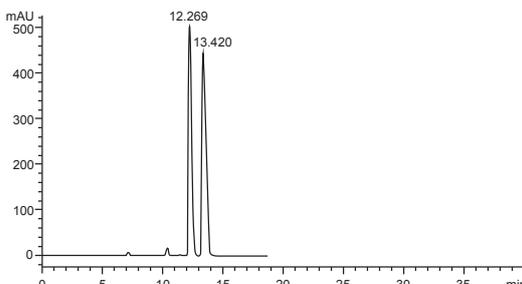
Fmoc-Leu-OH



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
6.471	2403.34790	147.79588	1.43	0.2427	3939	-	-
7.683	2332.36548	111.11610	1.47	0.3179	3236	2.54	1.19

Column: Welch Ultisil™ Cellu-DR, 5µm, 4.6×250mm
 Mobile Phase: Methanol/(pH=2.0 H3P04) a.q.=95/5

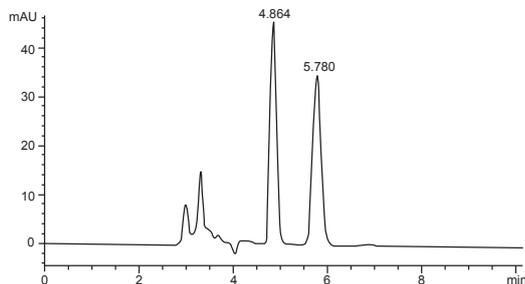
NBP



Ret Time [min]	K'	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
12.269	1.19	8619.20898	500.63010	0.58	0.2621	12142	-	-
13.420	1.40	8635.15137	443.09296	0.56	0.2961	11384	2.42	1.17

Column: Welch Ultisil™ Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropyl alcohol=98/2

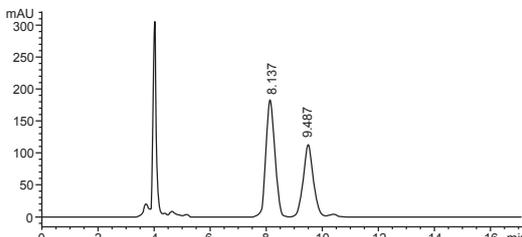
Hexaconazole-AS



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
4.864	426.66568	44.84653	1.04	0.1488	5917	-	-
5.780	429.57431	34.79993	0.97	0.1917	5035	3.16	1.19

Column: Welch Ultisil™ Amy-S, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropyl alcohol (ethanol)=90/10

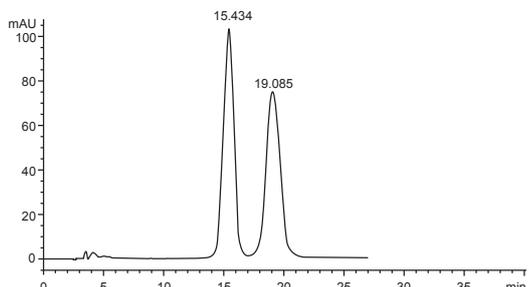
Trityl Epoxy Propyl Ether



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
8.137	3568.05981	183.51117	0.94	0.2863	4474	-	-
9.487	2696.91064	113.29070	0.86	0.3564	3918	2.47	1.17

Column: Welch Ultisil™ Amy-S, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropyl alcohol=98/2

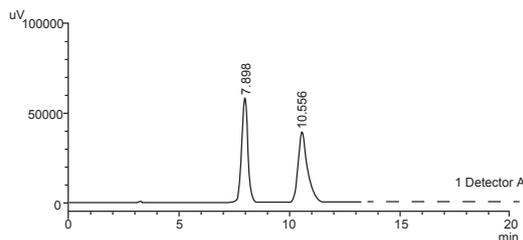
Ilaprazole



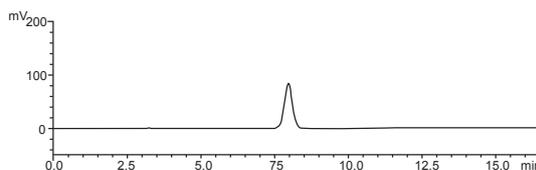
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
15.434	5544.07910	101.75354	1.03	0.8105	2009	-	-
19.085	5525.48682	73.22770	0.95	1.1260	1592	2.22	1.24

Column: Welch Ultisil™ Cellu-JR, 5µm, 4.6×250mm
 Mobile Phase: Methanol/water clusters=80/20

lansoprazole



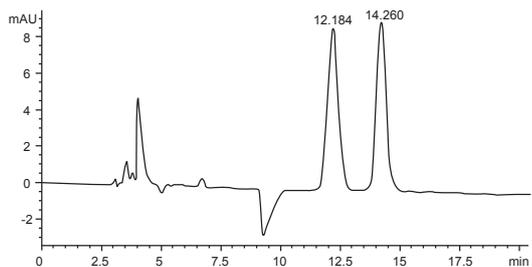
ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	Plates	R
1	7.898	1130555	58074	49.802	3684.092	0.000
2	10.556	1139542	39044	50.198	3036.727	3.983



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	Plates
1	7.989	1627291	83370	100.000	3651.959

Column: Welch Ultisil™ MCDP 5µm, 4.6×250mm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl

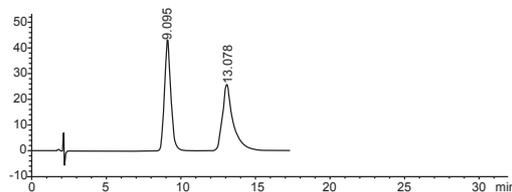
Ibuprofen



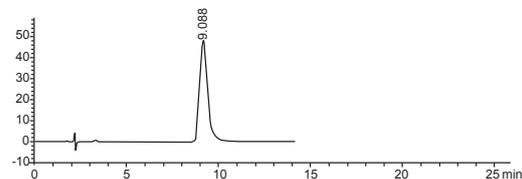
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
12.184	269.79462	8.84025	1.05	0.4805	3563	-	-
14.260	266.74506	9.22045	1.04	0.4514	5530	2.26	1.17

Column: Welch Ultisil™ Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropanol /TFA=99/1/0.1

lansoprazole



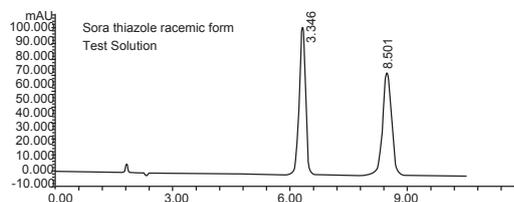
Ret Time [min]	Area [mAU*s]	Height [mAU]	R
9.095	1250.81787	42.95841	4.21
13.078	1225.85986	25.78562	



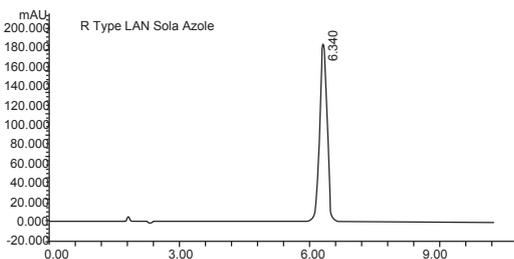
Ret Time [min]	Area [mAU*s]	Height [mAU]
9.088	1343.08013	47.53173

Column: Welch Ultisil™ Cellu-D, 5µm, 4.6×150mm
 Temperature: 30°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl

Lansoprazole



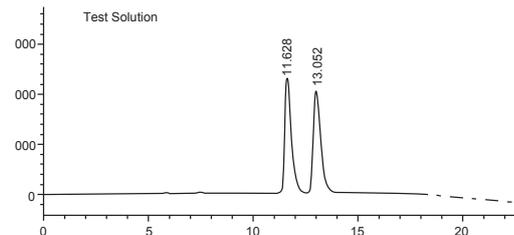
ID	Ret Time [min]	Half Width [min]	Plates	R	Tailing Factor
1	3.346	0.166	8129	1.688	0.944
2	8.501	0.241	6892	3.552	0.983



ID	Ret Time [min]	Half Width [min]	Plates	R	Tailing Factor
1	6.340	0.165	8211	0.000	0.950

Column: Welch Welch Ultisil™ CD-S, 5µm, 4.6×250mm
 Mobile Phase: Buffer/acetonitrile=50/50
 Detection Wavelength: 285nm
 Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

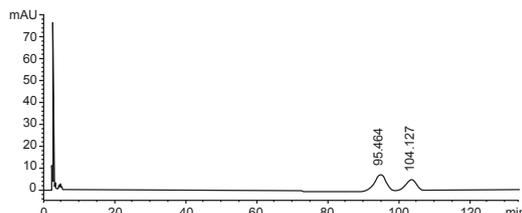
Dapoxetine



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	Plates	R	Tailing Factor
1	11.628	2486381	114625	49.56	7112	0.00	1.352
2	13.052	2530463	101678	50.44	6738	2.30	1.366

Column: Welch Welch Ultisil™ Cellud-Y, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropanol/diethylamine=95/5/0.1 (volume ratio)
 Detection Wavelength: 210nm
 Temperature: Ambient
 Flow Rate: 0.5ml/min
 Injection Volume: 10µl
 Notes: Mobile Phase Mixed in advance

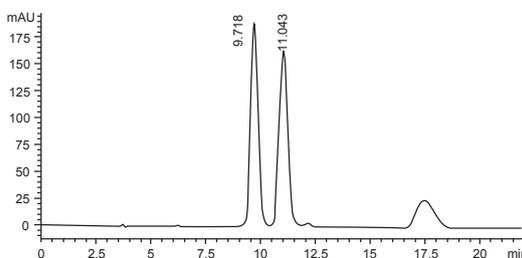
Nitrobenzene Sulfonic Acid Between Glycidyl Ether



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry [min]	Plates	R	Selectivity
95.464	1186.69934	6.80270	1.21	2.7761	6551	-
104.127	829.60474	4.51145	0.99	2.9266	7013	1.78

Column: Welch Welch Ultisil™ Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropyl alcohol=95/5, 0.7ml/min

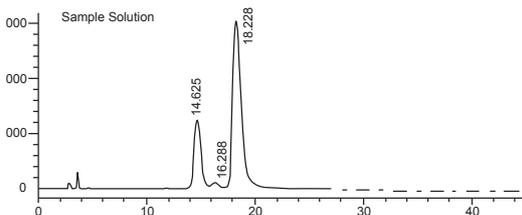
Fenamiphos



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry [min]	Width [min]	Plates	Selectivity
9.716	4338.36328	190.70308	0.95	0.3373	4596	-
11.043	4367.48438	164.99297	0.93	0.4004	4214	2.11

Column: Welch Welch Ultisil™ Amy-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/ethanol=90/10

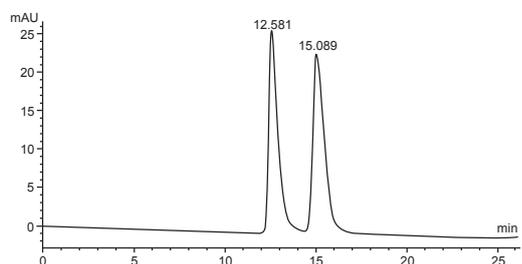
Indoxacarb



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	Plates	R	Tailing Factor
1	14.625	2661530	62263	24.19	2840	0.00	1.296
2	16.288	221087	5087	2.01	2852	1.44	0.000
3	18.228	8119286	151027	73.80	2920	1.51	1.482

Column: Welch Welch Ultisil™ Cellud-Y, 5µm, 4.6×250mm
 Detection Wavelength: 285nm
 Mobile Phase: N-hexane/isopropyl alcohol=85/15
 Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

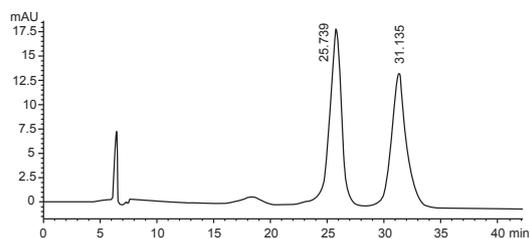
Pantoprazole Sodium



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
12.581	929.00977	26.34450	0.45	0.5145	3313	-	-
15.089	951.36230	23.20876	0.49	0.6018	3483	2.64	1.20

Column: Welch Ultisil™ Amy-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropyl alcohol/TFA=40/60/0.1

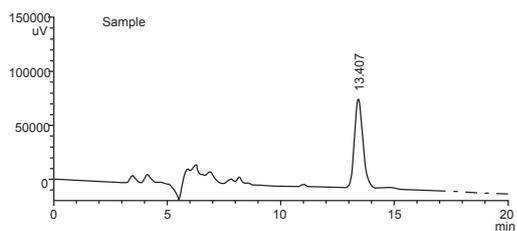
Piperazine



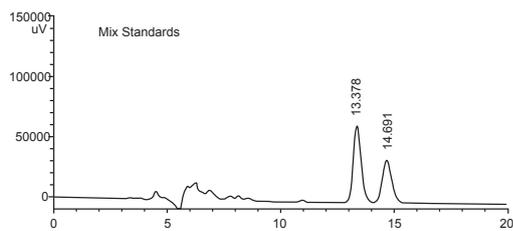
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
25.739	1170.88135	17.96825	1.20	0.9076	4456	-	-
31.135	1109.80994	13.24327	0.64	1.2182	3619	2.98	1.21

Column: Welch Ultisil™ Cellu-DR, 5µm, 4.6×250mm
 Mobile Phase: 0.5 mol/L NaClO₄ (pH =2.0)/ acetonitrile=70/30

Ezetimibe



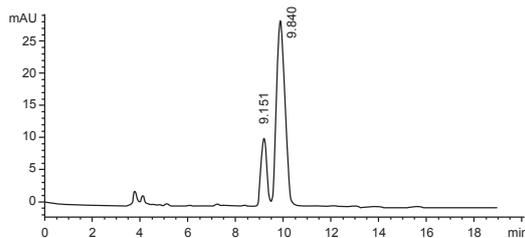
ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	Plates	R	Tailing Factor
1	13.407	2132217	82262	100.00	6162	0.00	1.196



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	Plates	R	Tailing Factor
1	13.378	1616665	63348	60.87	6317	0.00	1.161
2	14.691	1039074	35315	39.13	5837	1.82	1.122

Column: Welch Ultisil™ Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/ethanol=50/50
 Detection Wavelength: 232nm
 Temperature: Ambient
 Flow Rate: 0.5ml/min
 Injection Volume: 20µl

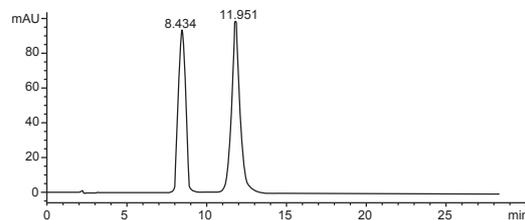
Tetramethrin



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
9.151	157.54486	10.56020	0.89	0.2297	8790	-	-
9.840	667.26349	28.37388	1.06	0.3761	3791	1.34	1.08

Column: Welch Ultisil™ Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropyl alcohol=95/5

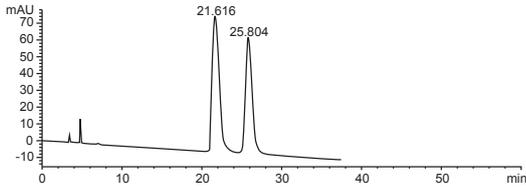
Irinotecan Hydrochloride



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
8.434	2624.93799	93.83242	0.96	0.4174	2262	-	-
11.951	4365.82227	98.59592	0.88	0.6649	1790	3.82	1.42

Column: Welch Ultisil™ Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/ethanol/DEA=50/50/0.2

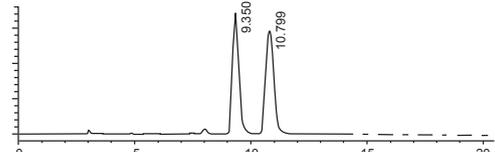
Omeprazole



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
21.616	4214.60059	80.65588	0.54	0.7571	4516	-	-
25.804	4214.10010	69.69912	0.80	0.8882	4676	2.99	1.19

Column: Welch Ultisil™ Amy-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropyl alcohol=83/17

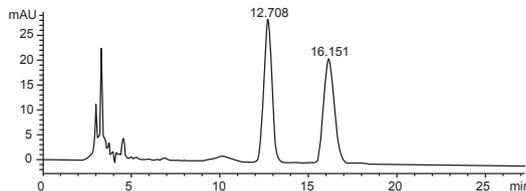
Naproxen



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	Plates	R	Tailing Factor
1	9.350	6692125	344032	49.57	5431	0.00	1.205
2	10.799	6807775	291743	50.43	5028	2.60	1.201

Column: Welch Ultisil™ Cellud-Y, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropanol/acetic acid=95/5/0.1
 Detection Wavelength: 220nm
 Temperature: Ambient
 Flow Rate: 1ml/min
 Injection Volume: 10µl

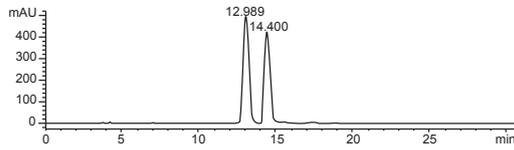
Myclobutanil



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
12.708	863.22162	28.77216	0.84	0.4611	4209	-	-
16.151	855.24664	21.01411	0.81	0.6406	3521	3.67	1.27

Column: Welch Ultisil™ Amy-S, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/ethanol=90/10

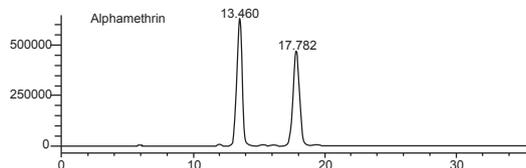
Quizalofop-ethyl



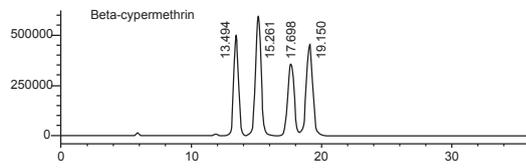
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
12.989	1.08190e4	495.34366	0.65	0.3300	8581	-	-
14.400	1.08650e4	424.66409	0.61	0.3858	7716	2.32	1.11

Column: Welch Ultisil™ Amy-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/ethanol=95/5

Cypermethrin In Colleges And Universities



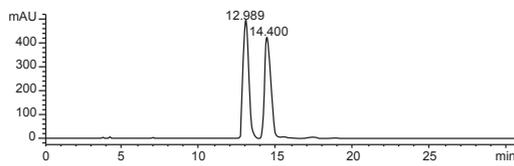
ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	Plates	R	Tailing Factor
1	13.466	30221585	1261295	49.38	7828	0.00	0.990
2	17.782	30974317	938272	50.62	50.62	5.91	1.029



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	Plates	R	Tailing Factor
1	13.494	11719282	502793	20.79	8416	0.00	0.947
2	15.261	16724802	599062	29.67	7832	2.77	0.915
3	17.698	11610969	361865	20.60	7377	3.22	1.029
4	19.150	163.11887	457310	28.94	7088	1.67	0.997

Column: Welch Ultisil™ Cellud-Y, 5µm, 4.6×250mm
 Detection Wavelength: 230nm
 Mobile Phase: N-hexane/isopropyl alcohol=95/5
 Temperature: Ambient
 Flow Rate: 0.5ml/min
 Injection Volume: 10µl

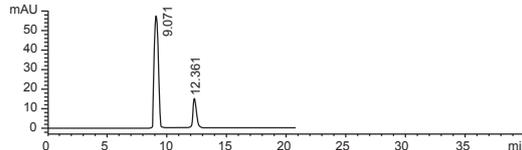
Chlorpheniramine



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
9.607	1429.85596	92.41657	0.77	0.2330	9421	-	-
11.031	1447.93677	81.50199	0.80	0.2869	9431	3.31	1.15

Column: Welch Ultisil™ Amy-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropyl alcohol/DEA=95/5/0.1

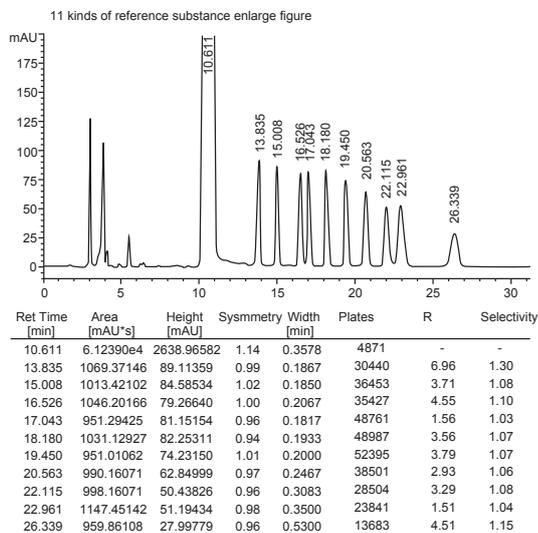
Alkannin



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
9.071	930.80499	57.6323	0.90	0.2402	7898	-	-
12.351	329.55057	15.02458	0.97	0.3325	7647	6.73	1.36

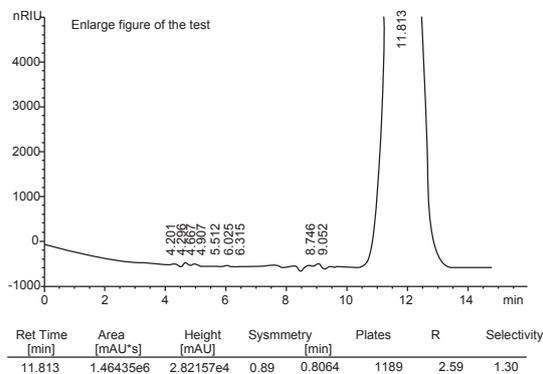
Column: Welch Ultisil™ Cellu-D, 5µm, 4.6×250mm
 Mobile Phase: N-hexane/isopropyl alcohol/TFA=90/10/0.1

11 Kinds of Sugar after Derivation Reference Substance



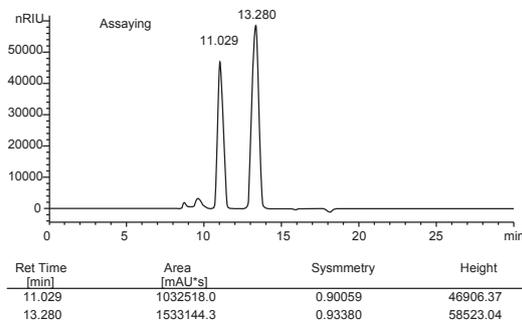
Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Detection Wavelength: 254nm
 Mobile Phase: Mobile Phase A: 50mmol/L KH₂PO₄ phosphate buffer adjust pH to 7.0
 Mobile Phase B: acetonitrile
 Temperature: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

D-ribose



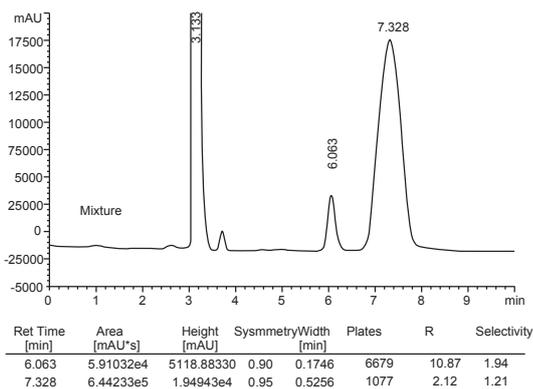
Column: Welch Xtimate® Sugar-Ca, 5µm, 78×300mm
 Detection Wavelength: RID
 Mobile Phase: Pure water
 Temperature: 80°C, detector temperature 55°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

D-fructose



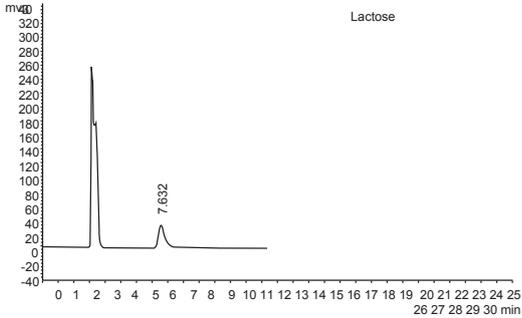
Column: Welch Xtimate® Sugar-Ca, 8µm, 78×250mm
 Detection Wavelength: RID 5°C
 Mobile Phase: Pure water
 Temperature: 85°C
 Flow Rate: 0.5ml/min
 Injection Volume: 20µl

D - tager Sugar D - galactose

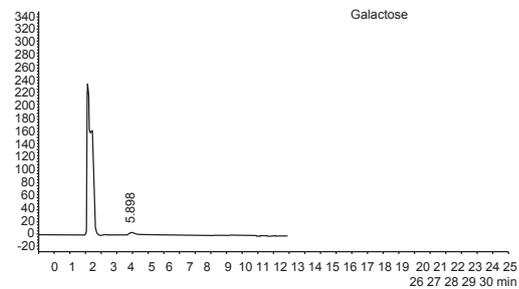


Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6×250mm
 Detection Wavelength: Differential 40°C
 Mobile Phase: Acetonitrile/water=80/20
 Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

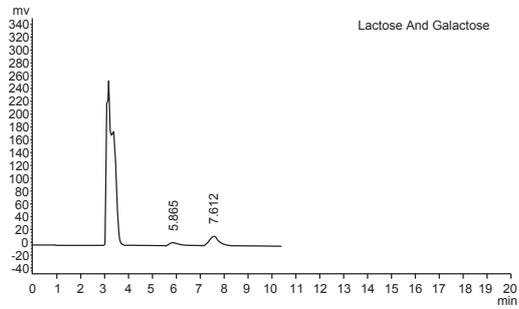
Lactose and Galactose



Ret Time [min]	Half Width [min]	Plates	R	Tailing Factor
7.632	0.393	2085.581	7.243	1.162



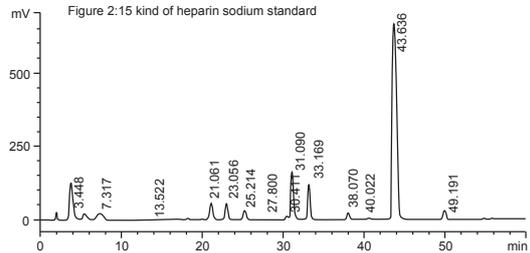
Ret Time [min]	Half Width [min]	Plates	R	Tailing Factor
5.898	0.337	1700.465	4.644	1.539



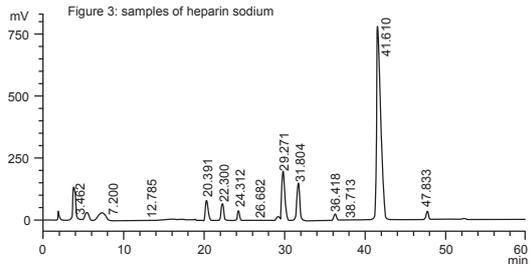
Ret Time [min]	Half Width [min]	Plates	R	Tailing Factor
5.865	0.330	1749.916	3.612	1.485
7.612	0.382	2203.438	2.454	1.206

Column: Welch Ultisil™ NH₂/CN, 5µm, 4.6×250mm
 Mobile Phase: Acetonitrile/water=70/30
 Detector Temperature: 40°C
 Temperature: 45°C
 Flow Rate: 1ml/min
 Injection Volume: 20µl

Heparin Disaccharide



Name	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	Height [mAU]%
Δ I Vh	3.448	35476	4888	0.119	0.418
Δ I va	7.317	1203865	20926	4.027	1.789
3	13.522	8946	398	0.030	0.034
Δ I Vs	21.061	919340	55337	3.076	4.730
Δ I la	23.056	1159225	54501	3.878	4.658
Δ I Ila	25.214	540336	31366	1.080	2.681
Δ I h	27.800	16917	922	0.057	0.079
Δ I lsgal	30.411	110009	7952	0.368	0.680
Δ I ls	31.090	3033720	154749	10.149	13.227
Δ I IIs	33.169	2320299	120135	7.762	10.268
Δ I a	38.070	449192	22267	1.503	1.903
Δ I p	40.022	4768	337	0.016	0.029
Δ I la-IVsgal+Is	43.636	19396404	666056	64.890	56.930
Δ I la-IIsglu	49.191	692977	30119	2.318	2.574

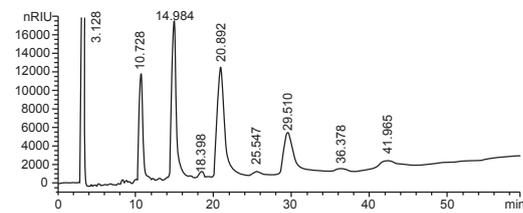


Name	Ret Time [min]	Area [mAU*s]	Height [mAU]	Area [mAU*s]%	Height [mAU]%
Δ I Vh	3.462	100780	135769	0.281	0.950
Δ I va	7.200	1540970	28054	4.304	1.963
3	12.785	26032	937	0.073	0.066
Δ I Vs	20.391	1272083	78512	3.553	5.493
Δ I la	22.300	1366211	68422	3.816	4.787
Δ I Ila	24.312	656743	38430	1.834	2.689
Δ I h	26.682	51251	2315	0.143	0.162
Δ I lsgal	29.271	138446	9404	0.387	0.658
Δ I ls	29.886	3703363	193233	10.343	13.519
Δ I IIs	31.804	2780332	150615	7.765	10.537
Δ I a	36.418	502380	25385	1.403	1.776
Δ I p	38.713	19831	2237	0.055	0.157
Δ I la-IVsgal+Is	41.610	22920327	784989	64.013	54.919
Δ I la-IIsglu	47.833	727235	33240	2.031	2.326

Column: Welch Ultisil™ XB-SAX, 5µm, 3.0×250mm
 Detection Wavelength: Dualwavelength monitoring 234nm and 202nm
 Temperature: 50°C
 Flow Rate: 0.45ml/min
 Injection Volume: 10µl
 Mobile Phase: A: 0.308g NaH₂PO₄ in 1000ml volumetric flask, add 950ml water, adjust the pH to 2.9 with H₃PO₄, constant volume with water
 B: 122g sodium perchlorate in 1000ml volumetric flask, add 950ml Mobile Phase A, adjust pH to 3.0 with H₃PO₄, then use Mobile Phase

Gradient Program:	Time(min)	Mobile Phase A(%)	Mobile Phase B(%)
	0	97	3
	40	40	60
	60	20	80

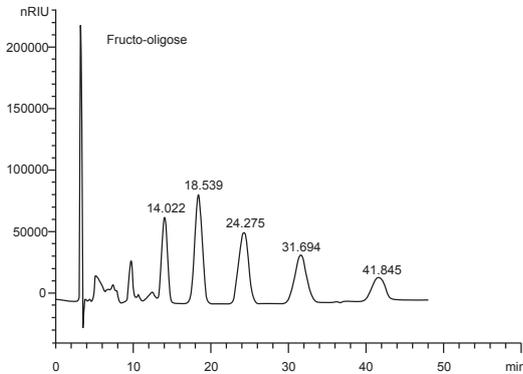
Chitosan Oligosaccharide



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
3.128	1.15651e6	7.66995e4	0.36	0.2568	820	-	-
10.728	3.12879e5	1.18050e4	0.74	0.3740	4558	14.16	3.34
14.904	6.64584e5	1.72941e4	0.68	0.5184	4579	5.50	1.39
18.398	2.62868e4	637.39655	1.37	0.6660	4227	3.47	1.23
20.892	7.37804e5	1.20482e4	0.60	0.7632	4152	2.05	1.14
25.547	2.72147e4	392.34015	1.23	1.1088	2941	2.92	1.22
29.510	4.53845e5	4496.33398	0.47	1.2816	2938	1.95	1.16
36.378	2.11537e4	254.77155	1.08	1.2816	4463	3.15	1.23
41.965	8.15892e4	696.18524	0.96	2.3076	1831	1.83	1.15

Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6×250mm
 Detection Wavelength: RID
 Mobile Phase: Acetonitrile/water=70/30
 Temperature: 30°C detector temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volumn: 20µl

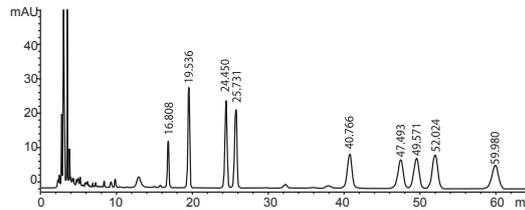
Fructo-oligose



Name	Ret Time [min]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
14.032	3.02907e6	6.69976e4	0.98	0.7128	2145	-	-
18.540	5.72920e6	8.83268e4	1.15	0.9936	1929	3.11	1.32
24.276	4.87926e6	5.77035e4	1.11	1.2960	1944	2.94	1.31
31.695	4.23086e6	3.84356e4	1.07	1.6692	1927	2.91	1.31
41.848	2.79273e6	1.92190e4	1.07	2.2392	1935	1.935	1.32

Column: Welch Ultisil™ Amide, 10µm, 4.6×250mm
 Detection Wavelength: RID
 Mobile Phase: Acetonitrile/water=70/30
 Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volumn: 20µl
 Notes: High temperature requirements

Monosaccharide Derivat



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
16.808	206.50943	13.60022	1.10	0.2267	30458	-	-
19.536	510.36993	29.33686	1.10	0.2600	31280	6.59	1.16
24.450	516.32697	25.31125	1.10	0.3100	34462	10.13	1.25
25.731	498.58652	22.90696	1.09	0.3300	33679	2.35	1.05
40.766	439.24176	9.93612	1.02	0.6567	21352	17.91	1.58
47.493	408.70761	8.28760	1.20	0.7467	22414	5.63	1.16
49.571	423.17480	8.65382	1.07	0.7633	23362	1.62	1.04
52.024	506.13394	9.80453	1.08	0.7967	23624	1.85	1.05
59.980	425.60287	6.84193	1.13	0.9533	21930	5.34	1.15

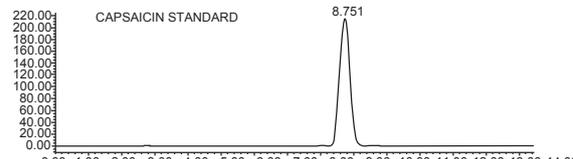
Column: Welch Xtimate® C18, 3µm, 4.6×250mm
 Detection Wavelength: 254nm
 Mobile Phase: A: acetonitrile
 B: 50Mmol KH₂PO₄ buffer solution (6.804g KH₂PO₄ in volumetric flask, add water to 1000ml, well mixing, adjust pH to 6.9 with NaOH solution)

Gradient Program:

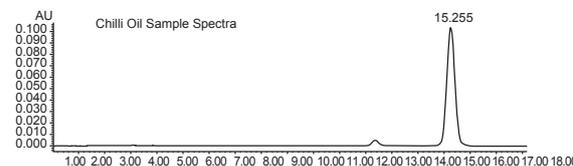
Time (min)	Mobile Phase A(%)	Mobile Phase B(%)
0	17	83
5	17	83
25	18	82
30	17	83

Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volumn: 20µl

Capsaicin In Chili Oil



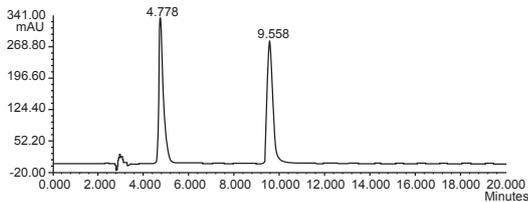
ID	Name	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]
1	capsicin	15.172	2478328	100.000	113210



ID	Name	Ret Time [min]	Area [mAU*s]	Area [mAU*s]%	Height [mAU]
1	capsicin	15.255	2270881	100.000	103289

Column: Welch Topsil® C18, 5µm, 4.6×250mm
 Detection Wavelength: 280nm
 Mobile Phase: Methanol/water=65/35
 Temperature: 40°C
 Flow Rate: 1ml/min

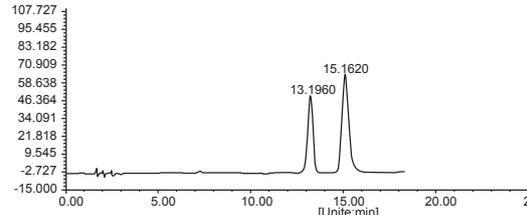
2-amino-4-methylpyridine



ID	Ret Time [min]	Component	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor
1	4.778	2-Amino-gamma-picoline	352887.7	54.054	9.91	0.00	4631	1.74
2	9.558	2-amino-4-ethyl pyridine	454217.0	45.946	15.01	13.54	8082	2.57

Column: Welch Xtimate® C18, 5µm, 4.6×250mm
 Detection Wavelength: 254nm
 Mobile Phase: Methanol/0.05mol/L KH₂PO₄ solution (adjust pH to 4.75 with 2% triethylamine with phosphoric acid) =10/90
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

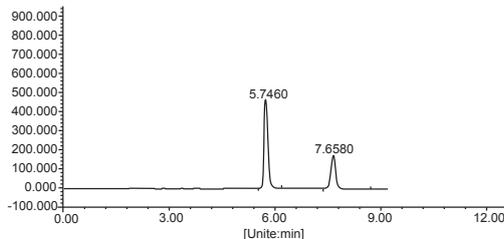
3,5,6-trichloropyridine Carboxylic Acid and 3,6-dicholoarcrindine Carboxylic



ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area content [mAU*s]%	Plates	R	Tailing Factor
1	13.1960	0.2797	51700.7	548249.1	37.1370	12334	14.818	1.039
2	15.1290	0.3547	67050.8	1605131.8	62.8630	10076	3.582	1.029

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×150mm
 Detection Wavelength: 243nm
 Mobile Phase: Methanol/50mm NH₄H₂PO₄/TEA = 5/95/0.5
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 sample treatment: Dissolve by mobile phase

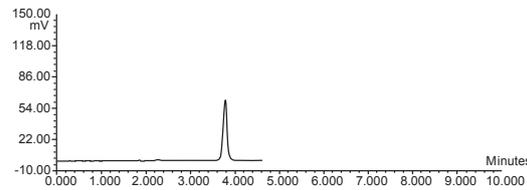
2-naphthol and 5,6,7,8-Tetrahydro Naphthol



ID	Component	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area content [mAU*s]%	Plates	R	Tailing Factor
1	2-isonaphthol	5.7640	0.1177	450559.1	13479212.6	68.5683	13293	3.720	1.176
2	ac-beta-tetralol	7.6580	0.1507	162721.2	21594871.9	31.4317	14312	3.092	1.184

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Detection Wavelength: 254nm
 Mobile Phase: Methanol/water = 75/25
 Temperature: Ambient 17°C
 Flow Rate: 1ml/min

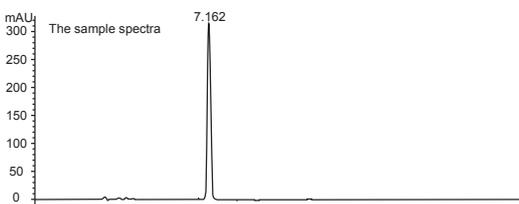
3,6-dicholoarcrindine Carboxylic



ID	Component	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	Impurity	2.272	0.11	0.834	2.047	1758	0.00	1.58
2	3,6-dichloro Picolinate	3.779	6.18	39.900	97.953	6829	7.54	1.08

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×150mm
 Detection Wavelength: 243nm
 Mobile Phase: 25mm NH₄H₂PO₄ buffer solution/methanol = 80/20
 Temperature: Ambient 22°C
 Flow Rate: 1ml/min
 Injection Volume: 5µl

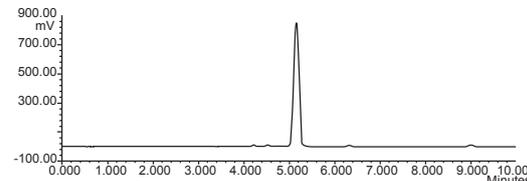
2-chloroquinoxaline



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates
7.162	2519.73706	313.06534	0.96	0.1245	18341

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Detection Wavelength: 254nm
 Mobile Phase: Methanol/water=85/15
 Temperature: 40°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

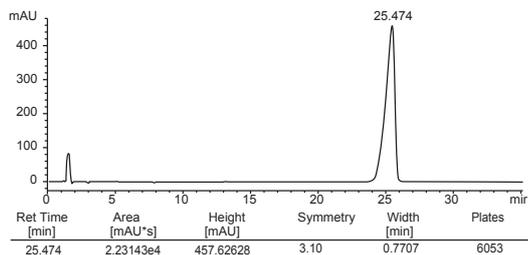
3,7-Dichloro-8-quinolinecarboxylic Acid



ID	Component	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	-	4.222	9.11	46.921	6.393	15161	0.00	1.60
2	-	4.548	10.20	77.453	10.553	8092	1.93	0.98
3	3,7-dichloro-8-quinolinic acid	5.157	84.82	590.367	80.440	12383	3.14	1.17
4	-	6.327	1.09	8.467	1.154	14936	5.96	1.16
5	-	9.030	0.97	10.716	1.460	15008	10.77	0.99

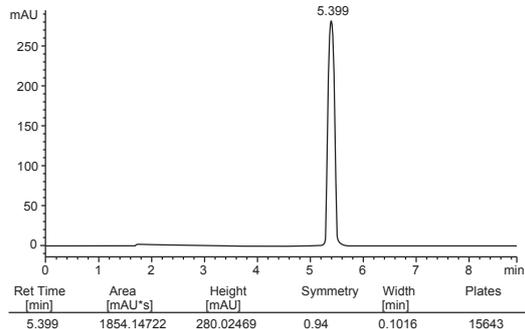
Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Detection Wavelength: 238nm
 Mobile Phase: Methanol/water/ice acetic acid=700/300/0.5
 Temperature: 30°C
 Flow Rate: 0.8ml/min
 Injection Volume: 5µl

7-ethyl-10-hydroxycamptothecin



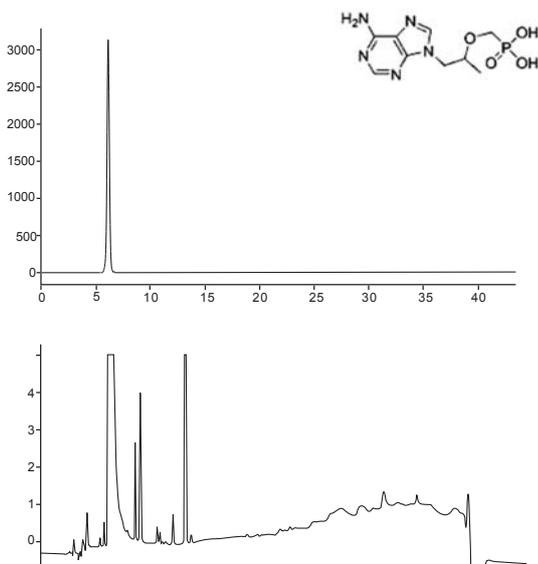
Column: Welch Ultisil™ XB-C18, 5µm, 4.6×150mm
 Detection Wavelength: 254nm
 Mobile Phase: Methanol/acetonitrile/buffer solution=15/15/70
 Temperature: 35°C
 Flow Rate: 1.2ml/min
 Injection Volume: 20µl

DOPO DNOP



Column: Welch Xtimate® C18, 5µm, 4.6×250mm
 Detection Wavelength: 254nm
 Mobile Phase: Acetonitrile/water=80/20
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

9-[2-(Phosphonomethoxy)propyl] Adenine



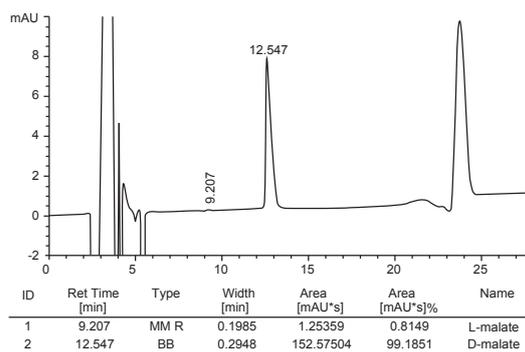
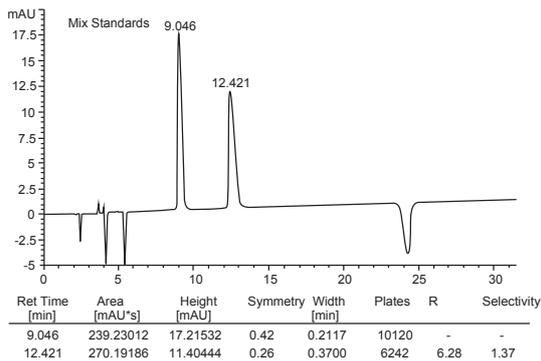
Column: Welch Xtimate® C18, 5µm, 4.6×250mm
 Detection Wavelength: 260nm
 Mobile Phase: A: 0.1M NHAc, adjust pH to 3.8 with acetic acid
 B: Methanol/acetonitrile=70/30

Gradient Program:

Time (min)	Mobile Phase A(%)	Mobile Phase B(%)
0	95	5
30	50	50
35	50	50
35.01	95	5
45	95	5

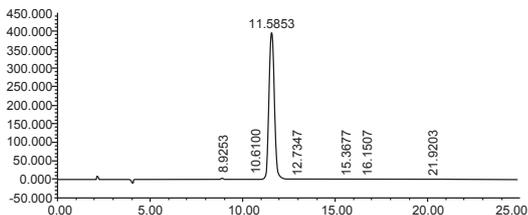
Temperature: 30°C
 Flow Rate: 0.5ml/min
 Injection Volume: 10µl

DL Malic Acid



Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Detection Wavelength: 320nm
 Mobile Phase: 8mmol/L copper acetate, 16mmol/L L- valine water solution
 Temperature: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

H- acid

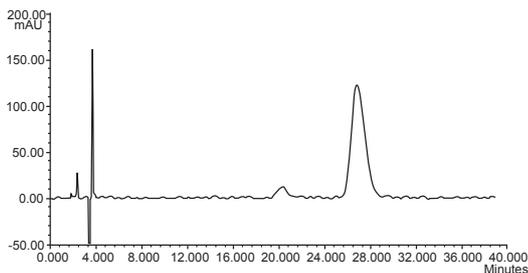


ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]%	C	Plates	R	Tailing Factor
1	8.9253	0.2413	31944	53128.9	0.6744	0.6744	7577	0.000	1.014
2	10.6100	0.2523	6352	9667.4	0.1227	0.1227	9794	4.018	1.035
3	11.5853	0.2923	396335	77695986.0	97.6885	97.6885	8701	2.294	1.059
4	12.7347	0.3160	12753	21442.3	0.2722	0.2722	8997	2.225	0.865
5	15.3677	0.3263	12345	29240.7	0.3712	0.3712	12285	4.862	0.947
6	16.1507	0.4053	11431	27565.6	0.3499	0.3499	8795	1.260	0.997
7	21.9203	0.4320	14709	41055.7	0.5211	0.5211	14263	8.113	0.937

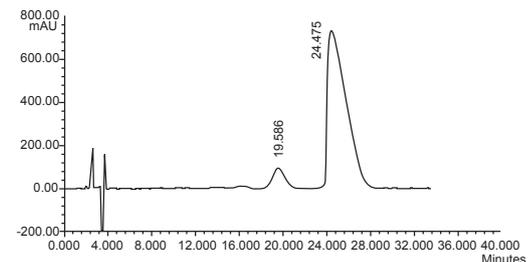
Column: Welch Xtimate® C18, 5µm, 4.6×150mm
 Mobile Phase: 30mm/L TBAB (adjust pH to 2.5 with H₃PO₄) / methanol=60/40

Wavelength: 234nm
 Temp.: Ambient
 Flow Rate: 0.8ml/min
 Injection Volume: 10µl

γ- cyclodextrin Derivatives



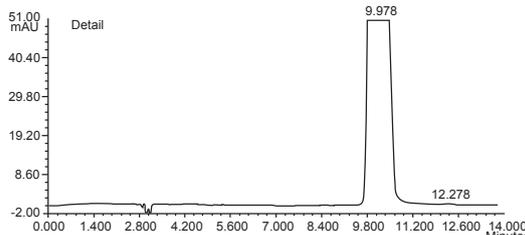
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	20.357	1070	57644.9	5.413	0.88	3220	0.00
2	26.890	12205	1007218.7	94.587	1.32	2395	3.60



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	19.586	9671	704648.7	7.958	1.05	1630	0.00
2	24.475	73070	815013.2	92.042	2.50	1086	1.99

Column: Welch Ultisil™ Polar-RP, 5µm, 4.6×250mm
 Wavelength: 203nm
 Mobile Phase: 0.1%methanol/acetonitrile=87/13
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

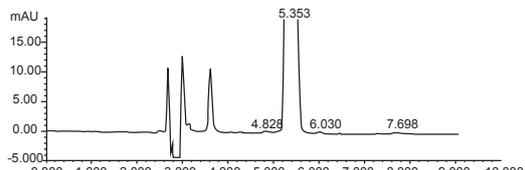
(R)-Diphenylprolinol



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	R	Plates	Tailing Factor
1	9.978	42389	1006190.7	99.917	22.31	0.00	3986	1.77
2	12.278	35	714.7	0.083	19.20	3.91	8154	0.78

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 230nm
 Mobile Phase: Methanol/0.1% TEA (pH 2.5, adjust by H₃PO₄) =45/55
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

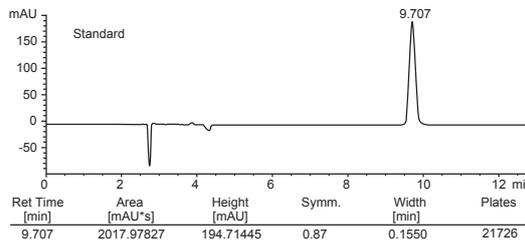
SPS(CAS:27206-35-5)



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	4.828	33	367.5	0.278	0.86	4240	0.00
2	5.353	13897	131382.4	99.382	1.30	6229	1.85
3	6.030	21	202.5	0.153	1.04	8816	2.56
4	7.698	18	234.2	0.177	1.21	7893	5.53

Column: Welch Xtimate® C18, 5µm, 4.6×250mm
 Wavelength: 245nm
 Mobile Phase: (10ml/L acetic acid+10ml/L TEA)/methanol=75/25
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

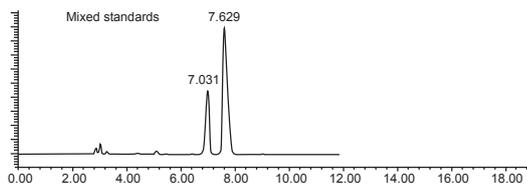
L- tryptophan



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
9.707	2017.97827	194.71445	0.87	0.1550	21726

Column: Welch Ultisil™ Amino Acid, 5µm, 4.6×250mm
 Wavelength: 220nm
 Mobile Phase: Mobile Phase A: acetonitrile
 Mobile Phase B: 0.05% H₃PO₄ 0.1mol/L NaAc (pH 6.5) /acetonitrile = 93.0/7.0
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 5µl

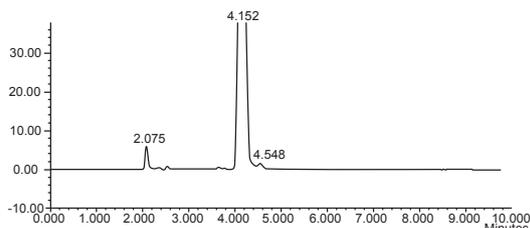
L- leucine、L- isoleucine



ID	Sample	Ret Time [min]	Half Width [min]	Plates	R	Tailing Factor
1	L-isoleucine	7.031	0.129	16371	2.599	1.121
2	L-leucine	7.629	0.154	13537	2.561	1.415

Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 210nm
 buffersolution/acetonitrile=970/30
 ambient
 1.0ml/min
 20µl

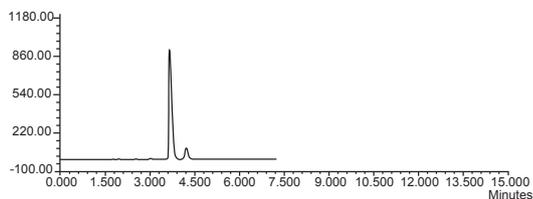
PPS-OH(CAS 3918-73-8)



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	R	Plates	Tailing Factor
1	2.075	576	2556.9	0.841	1.16	4927	0.00
2	4.152	53856	300898.3	99.006	1.13	12454	15.55
3	4.548	85	462.9	0.152	1.08	15735	2.70

Column: Welch Ultisil™ XB-SAX, 5µm, 4.6×250mm
 Wavelength: 259nm
 Mobile Phase: 20mM NH₄H₂PO₄, adjust pH to 2.0 with H₃PO₄
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

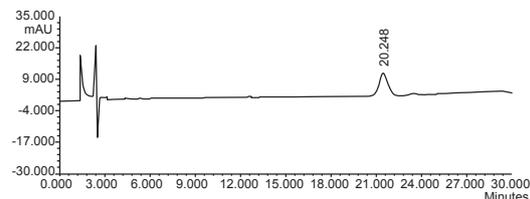
Ethyl N-piperazinecarboxylate



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	Ethyl N-piperazinecarboxylate	3.745	911.81	5711.744	90.290	8061	0.00	0.91
2	Glycine	4.211	91.73	614.230	9.710	8922	2.70	1.44

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 213nm
 Mobile Phase: Methanol/water=25/75, adjust pH to 2.5 with H₃PO₄
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

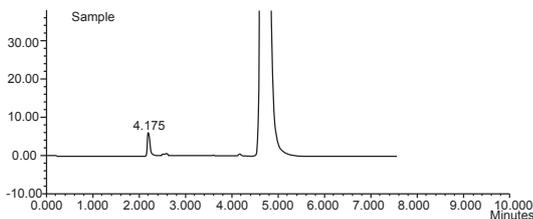
Ethylene Diamine Tetraacetic Acid(EDTA)



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	Dichloroaniline	20.248	80391	2851980.5	100.000	0.99	7348	0.00

Column: Welch Ultisil™ AQ-C18, 3µm, 4.6×150mm
 Wavelength: 254nm
 Mobile Phase: Acetonitrile/buffer solution (10% TBAH 6ml, dilute to 200ml with water, adjust pH to 6.5 with H₃PO₄) / water=20/20/60
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

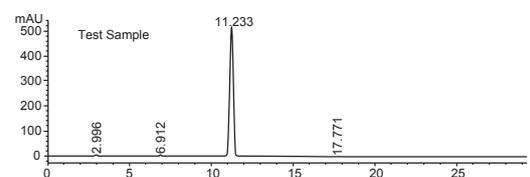
PPS (CAS: 15471-17-7)



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	4.175	46	294.4	0.062	0.97	9596	0.00
2	4.665	62461	475187.9	99.938	2.01	8481	2.63

Column: Welch Ultisil™ XB-SAX, 5µm, 4.6×250mm
 Wavelength: 259nm
 Mobile Phase: 20mM NH₄H₂PO₄, adjust pH to 2.0 with H₃PO₄
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

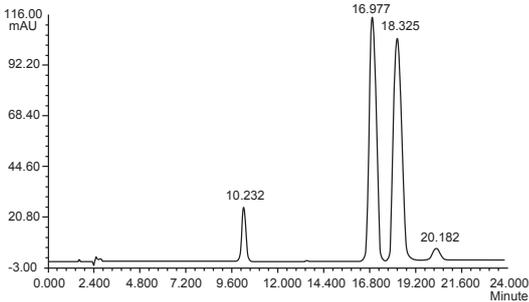
Dimethylphenoxyacetic Acid



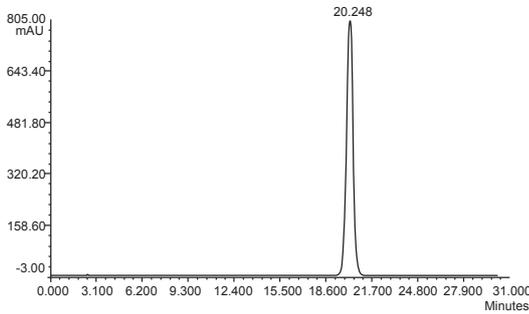
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
2.996	61.08767	7.68168	0.71	0.1160	3692	-	-
6.912	59.47199	7.35659	1.00	0.1200	18394	19.50	2.31
11.233	6577.03125	516.65692	0.89	0.1943	18521	16.15	1.63
17.771	6.00684	2.96323e-1	0.94	0.3067	18611	15.33	1.58

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 280nm
 Mobile Phase: Methanol/H₃PO₄ water solution (adjust pH to 2.5 with H₃PO₄) =65/35
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Dichlorothiazole



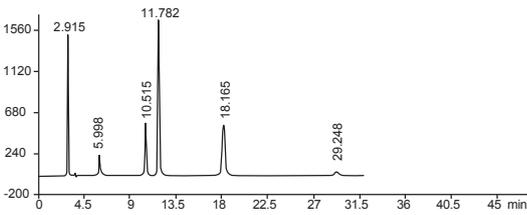
ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	-	10.232	2539	35334.6	5.934	0.94	12193	0.00
2	Dichlorothiazole	16.977	11494	273079.1	45.861	1.04	11517	13.44
3	Dichlorothiazole	18.325	10499	269889.7	45.326	0.92	11463	2.05
4	Dichloroaniline	20.182	582	17139.9	2.879	0.92	10593	2.53



ID	组分名	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	Dichloroaniline	20.248	80391	2851980.5	100.000	0.99	7348	0.00

Column: Welch Xtimate® C18, 5µm, 4.6×150mm
 Wavelength: 254nm
 Mobile Phase: Acetonitrile/water=38/62
 Temp.: 30°C
 Flow Rate: 0.7ml/min
 Injection Volume: 2µl

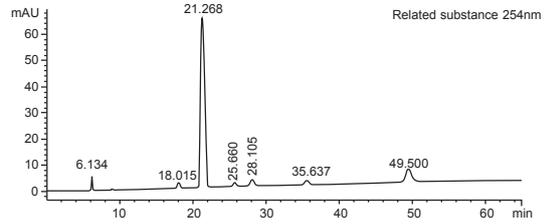
Organic Acids



ID	Sample	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	Thiourea	2.915	150.59	794.805	14.785	6881	0.00	1.41
2	Phthalic acid	5.998	22.10	231.145	4.300	7418	14.71	5.11
3	P-Hydroxybenzoic acid	10.515	56.20	683.171	12.709	16881	15.00	1.75
4	2-Nitrobenzoic acid	11.782	166.95	2411.651	44.863	15005	3.58	1.26
5	2-Cyanobenzoic acid	18.165	53.76	1121.258	20.858	17108	13.58	1.30
6	Salicylic acid	29.248	3.82	133.614	2.486	15756	14.90	2.48

Column: Welch Ultisil™ Polar-RP, 5µm, 4.6×250mm
 Wavelength: 254nm
 Mobile Phase: 20mM K₂HPO₄(pH 2.7, adjust with H₃PO₄)/acetonitrile =75/25
 Temp.: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

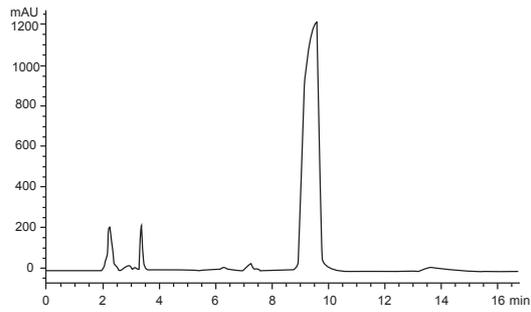
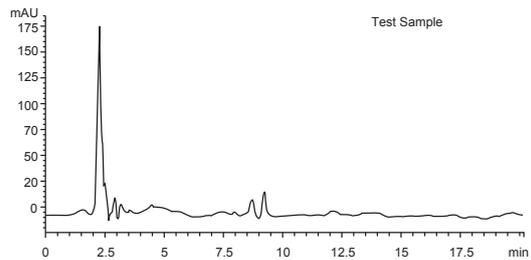
Sex Hormone in Cosmetics



Ret Time [min]	Height [mAU]	Area [mAU*s]	Symm.	Width [min]	Plates	R	Selectivity
6.134	5.37943	49.22937	0.89	0.1367	11147	-	-
18.015	2.1289	48.57075	0.83	0.3700	13136	27.55	2.94
21.268	64.76434	1863.06726	0.80	0.4400	12947	4.72	1.18
25.660	1.49762	49.49134	0.82	0.5100	14021	5.43	1.21
28.105	2.30181	83.93601	0.84	0.5600	13953	2.69	1.10
35.637	1.62411	74.74170	0.82	0.7067	14089	6.99	1.27
49.500	4.85198	310.48312	0.83	0.9800	14132	9.66	1.39

Column: Welch Topsil® phenyl-Hexyl, 5µm, 4.6×250mm
 Wavelength: 210nm, 254nm
 Mobile Phase: Methanol/water=60/40
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

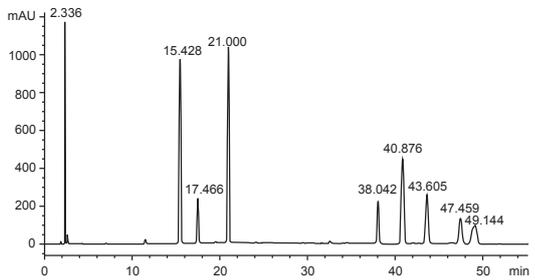
Eudragit



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symm.	Width [min]	Plates
9.517	4.30366e4	1219.38074	3.90	0.5983	1417

Column: Welch Ultisil™ NH₂, 5µm, 4.6×250mm
 Wavelength: 215nm
 Mobile Phase: KH₂PO₄ solution (KH₂PO₄1.702g, dissolve in water and dilute to 500ml) / THF= 25/75
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

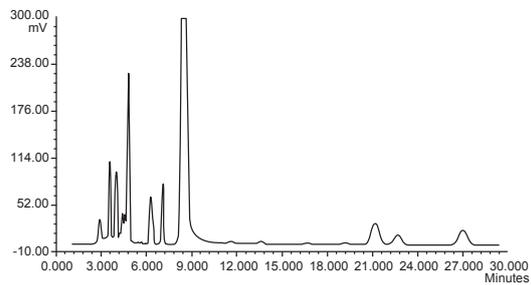
9 Substances in Water



Ret Time [min]	Height [mAU]	Height [mAU]	Symm.	Width [min]	Plates	R	Selectivity
2.336	4169.18848	1171.86731	0.87	0.0550	9931	-	-
15.428	9066.09277	968.90814	0.87	0.1445	63124	77.09	6.60
17.466	2010.67188	234.75253	0.93	0.1333	95072	8.62	1.13
21.000	1.00734e4	1035.32043	0.88	0.1513	106734	14.59	1.20
38.042	3170.36670	222.73547	0.99	0.2233	160753	53.45	1.81
40.876	7808.71777	448.11914	0.96	0.2720	125130	6.72	1.07
43.605	5274.65479	256.99396	0.90	0.3231	100898	5.39	1.07
47.459	3191.49683	134.81436	0.98	0.3700	91151	6.53	1.09
49.144	3678.95044	97.20165	1.78	0.6333	33356	1.97	1.04

Column: Welch Ultisil™ PAH, 5µm, 4.6×250mm
 Wavelength: 220nm
 Mobile Phase: water/acetonitrile=70/30 (0min) , 30/70 (30min)
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

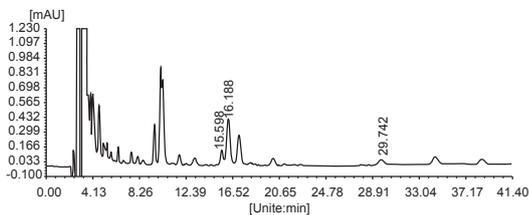
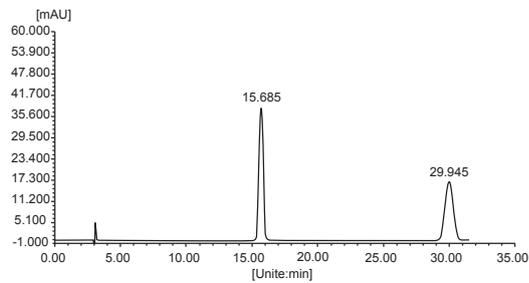
1,2-propenyl-phosphonic Acid



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates
1	3.595	9195	62214.4	1.669	0.76	6368
2	4.028	9355	66454.2	1.783	0.73	7254
3	4.832	21977	218583.6	5.864	1.51	5323
4	6.268	6456	83571.8	2.242	1.41	5286
5	7.088	8015	86879.6	2.331	0.98	9645
6	8.585	159275	2853655.6	76.559	1.22	5191
7	11.588	536	16857.4	0.452	0.79	3062
8	13.595	633	26906.2	0.722	1.13	2307
9	15.315	935	70496.8	1.891	0.95	931
10	19.178	300	11747.8	0.315	1.35	5410
11	21.085	2829	95019.3	2.549	0.88	8889
12	22.592	1395	50155.8	1.346	1.32	8906
13	26.922	2048	84844.5	2.276	0.84	9525

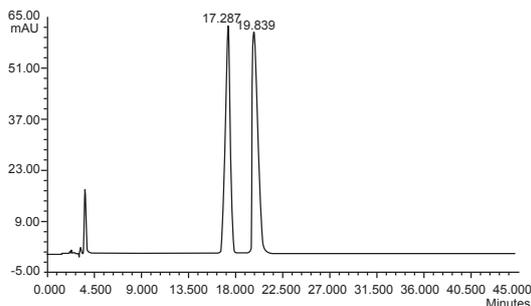
Column: Welch Ultisil™ XB-NH₂, 5µm, 4.6×250mm
 Wavelength: 210nm
 Mobile Phase: 80mmol/L KH₂PO₄/acetonitrile/TEA
 (adjust pH to 2.16 with H₃PO₄) =60/40/1
 Temp.: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Vanillin and Ethyl Vanillin in Milk



Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Wavelength: 276nm
 Mobile Phase: Methanol/0.01 mol/L H₃PO₄=30/70
 Temp.: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

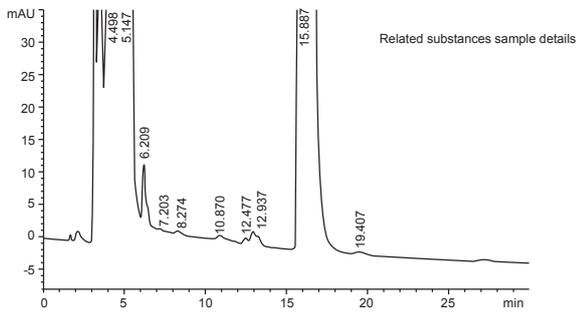
P-tert-butylbenzoic Acid



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	17.287	6243	193737.9	50.408	0.83	6999	0.00
2	19.839	6099	190603.7	49.592	2.17	9090	3.08

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Wavelength: 240nm
 Mobile Phase: 20mmol/LKH₂PO₄/acetonitrile=60/40
 Temp.: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

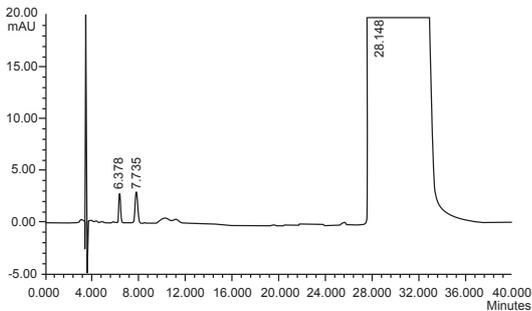
Terephthalic Acid



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
4.498	1.17762e4	508.79709	1.30	0.3400	969	-	-
5.147	2694.75635	271.67654	1.35	0.1833	4366	1.46	1.14
5.317	2431.85791	262.91107	0.60	0.1487	7085	0.60	1.03
6.209	102.69542	8.38669	0.54	0.1533	9087	3.47	1.17
8.274	8.04556	3.84794e-1	0.43	0.3700	2770	4.64	1.33
10.870	18.50652	6.39765e-1	0.57	0.3933	4231	4.00	1.31
12.477	7.55514	5.52845e-1	1.40	0.2952	9897	2.74	1.15
15.887	5.76239e4	1796.52576	0.24	0.4845	5956	5.14	1.27
19.407	13.07474	3.66318e-1	0.53	0.510	8022	4.16	1.22

Column: Welch Ultisil™ XB-SAX, 5µm, 4.6×250mm
 Detection Wavelength: 240nm
 Mobile Phase: 0.15mol/L NH₄H₂PO₄ solution/acetonitrile=80/20
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl
 Notes: Sensitive to injection volume and solvent

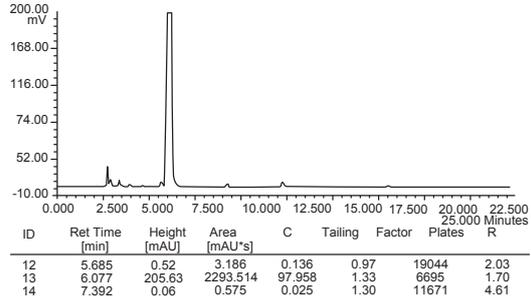
Terephthalic Acid



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
1	6.378	287	2543.3	0.005	0.99	11685	0.00
2	7.735	300	3034.6	0.006	1.16	13190	5.37
3	28.148	309843	47341676.6	99.988	5.43	766	941

Column: Welch Ultisil™ XB-SAX, 5µm, 4.6×250mm
 Detection Wavelength: 259nm
 Mobile Phase: 0.15M NH₄H₂PO₄ solution (adjust pH to 4.3 with H₃PO₄)/acetonitrile=90/10
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl
 Notes: Overnight the sample for balance to ensure stability

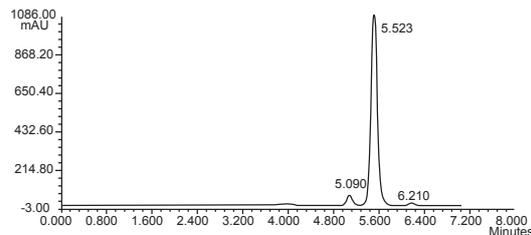
Chlorobenzene Acetic Acid



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Tailing Factor	Plates	R
12	5.685	0.52	3.186	0.136	0.97	19044	2.03
13	6.077	205.63	2293.514	97.958	1.33	6695	1.70
14	7.392	0.06	0.575	0.025	1.30	11671	4.61

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Detection Wavelength: 220nm
 Mobile Phase: Acetonitrile/water/perchlorate=55/44.95/0.05, (perchlorate water solution, pH 1.69)
 Temperature: Ambient 25°C
 Flow Rate: 0.8ml/min
 Injection Volume: 20µl

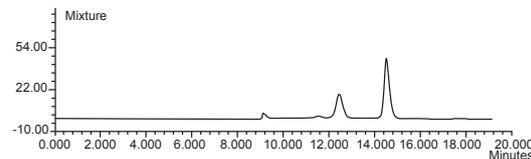
Paranitroaniline Nitro Thiazole Nitro Thiourea Compounds



ID	Component	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	-	5.090	6236	49381.2	5.289	0.78	9319	0.00
2	Nitrothiazole	5.523	108437	862212.2	92.354	1.07	10884	2.05
3	-	6.210	1749	22005.5	2.357	1.11	5495	2.51

Column: Welch Xtimate® C18, 5µm, 4.6×150mm
 Detection Wavelength: 254nm
 Mobile Phase: Acetonitrile/water=40/60
 Temperature: 30°C
 Flow Rate: 0.7ml/min
 Injection Volume: 5µl

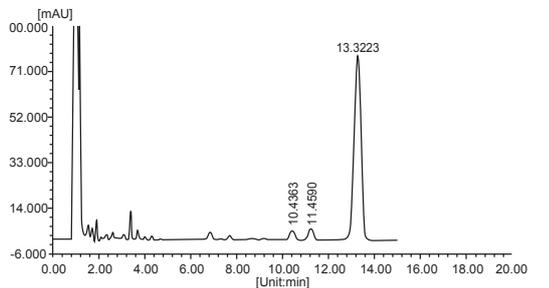
Glyceraldehyde And Dihydroxyacetone



ID	Component	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	-	11.477	0.16	3.412	2.671	6700	3.95	1.02
2	Glyceraldehyde	12.489	1.87	38.694	30.294	8217	1.82	0.89
3	-	13.875	0.02	0.725	0.567	4762	2.05	0.76
4	Dioxyacetone	14.509	4.61	77.510	60.683	16811	1.01	1.35
5	-	15.353	0.04	1.199	0.939	4531	1.24	1.92

Column: Welch Xtimate® SUGAR-H, 8µm, 7.8×300mm
 Detection Wavelength: 210nm
 Mobile Phase: H₂SO₄ solution (0.6ml concentrated H₂SO₄ add water to 1000ml)
 Temperature: 60°C
 Flow Rate: 0.5ml/min
 Injection Volume: 20µl

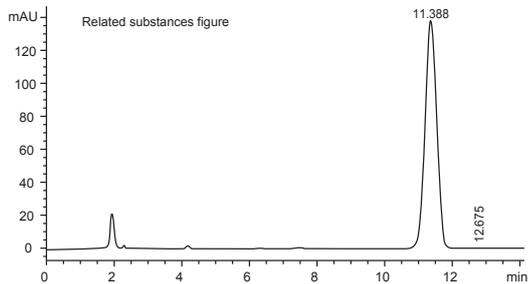
Emamectin Benzoate



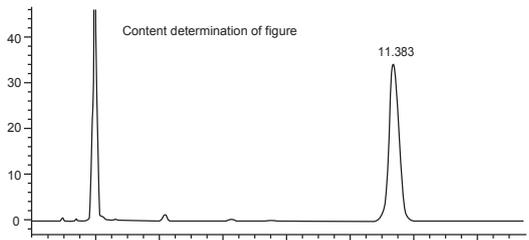
ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]%	Content	Plates	R	Tailing Factor
1	10.4363	0.2640	39032	63628.7	3.5028	3.5028	8657	0.000	0.984
2	11.4590	0.3267	46829	101037.5	5.5622	5.5622	6817	2.039	0.794
3	13.3223	0.3453	72978.9	1651851.4	90.9351	90.9351	8245	3.265	0.906

Column: Welch Xtimate® C18, 5µm, 4.6×150mm
 Detection Wavelength: 245nm
 Mobile Phase: Acetonitrile/methanol/ammonia solution (ammonia/water = 1/300) = 42/42/16
 Temperature: Ambient 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

Mecobalami



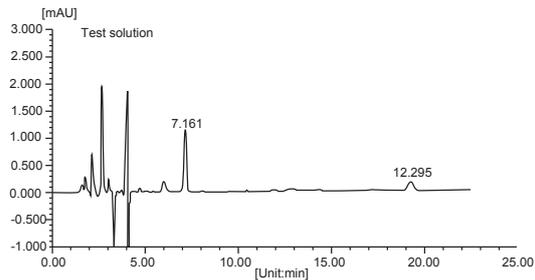
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
11.388	3156.39673	138.06889	1.01	0.3495	5882	-	-
12.675	6.93809	2.79877e-1	0.86	0.4000	5564	2.02	1.11



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R
11.383	781.86945	34.14233	1.06	0.3500	5860	-

Column: Welch Ultisil™ Polar-RP, 5µm, 4.6×150mm
 Detection Wavelength: 266nm
 Mobile Phase: 0.05M CH3COONH(adjust pH to 5.0 with phosphoric acid)/ acetonitrile=83/17 25°C
 Temperature:
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

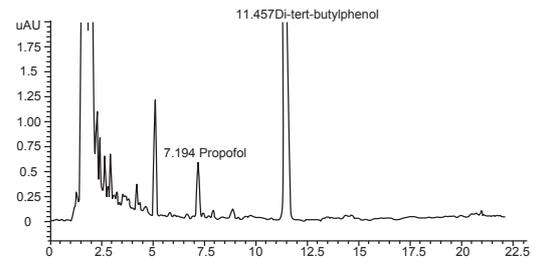
PVPP



ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]%	Content	Plates	R	Tailing Factor
1	7.161	0.119	1091.8	8652.0	73.1019	73.1019	20061	3.889	1.158
2	12.295	0.307	164.7	3183.5	26.8981	26.8981	21932	3.034	1.037

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Detection Wavelength: 235nm
 Mobile Phase: Acetonitrile/water=8/92
 Temperature: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

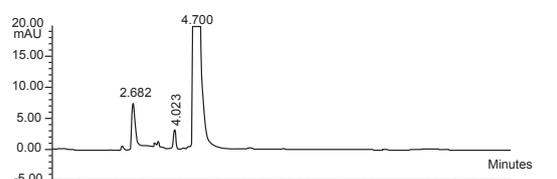
Propofol



Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry	Width [min]	Plates	R	Selectivity
7.194	4.09270	5.48855e-1	0.93	0.1173	20843	-	-
11.457	47.27217	3.86628	0.94	0.1909	19962	16.25	1.59

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Detection Wavelength: 270nm
 Mobile Phase: Acetonitrile/buffer (1.0mTFA 400ml water) =67/33
 Temperature: 30°C
 Flow Rate: 1.5ml/min
 Injection Volume: 20µl

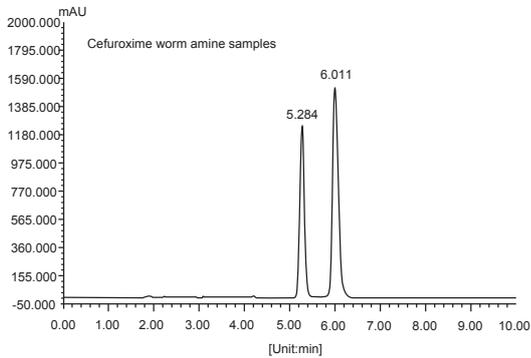
Pymetrozine



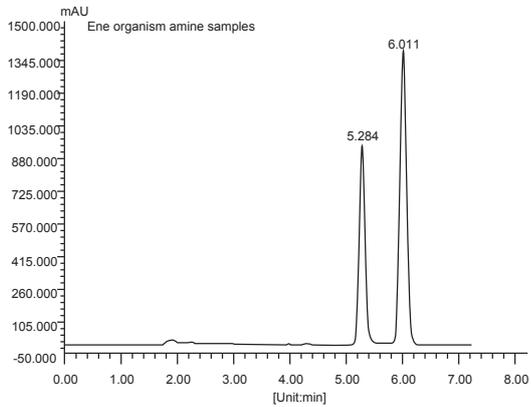
ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	2.682	710	4348.8	0.778	4323	0.00	1.96
2	4.023	316	1837.5	0.346	13596	8.91	0.85
3	4.700	90226	595996.7	98.876	11418	4.31	1.84

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Detection Wavelength: 230nm
 Mobile Phase: 500mL water, 40mL acetonitrile, 0.6gH3PO4 blend
 Temperature: 30 C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl
 Notes: At 4.1min, the impurity height increased over time, it is caused by sample degradation

Insect Amine Olefinic Organism Amine Powder



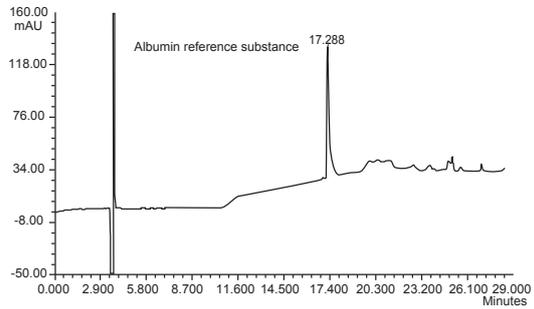
ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]%	Content	Plates	R	Tailing Factor
1	5.284	0.116	1229173.8	9309192.842	16.39	42.1639	11430	0.000	1.131
2	6.011	0.131	1500159.8	12769379.957	8.361	57.8361	11664	3.459	1.096



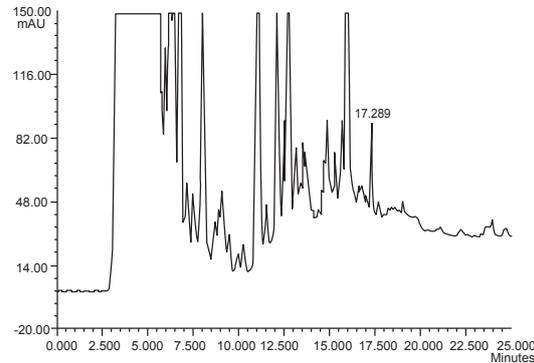
ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]%	Content	Plates	R	Tailing Factor
1	5.284	0.116	905850.4	6818443.037	5.990	37.5990	11493	0.000	1.140
2	6.011	0.130	1338049.4	11316189.962	4.010	62.4010	11843	3.480	1.094

Column: Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Detection Wavelength: Dinotefuran : 270nm; Nitenpyram : 260nm
 Mobile Phase: Methanol/water =40/60
 Temperature: Ambient
 Flow Rate: 0.8ml/min
 Injection Volume: 20µl

Urinary Albumin Excretion



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	17.288	10517	99497.6	100.000	3.62	75324	0.00



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	R	Tailing Factor
1	17.289	4622	22027.1	100.000	1.08	296856	0.00

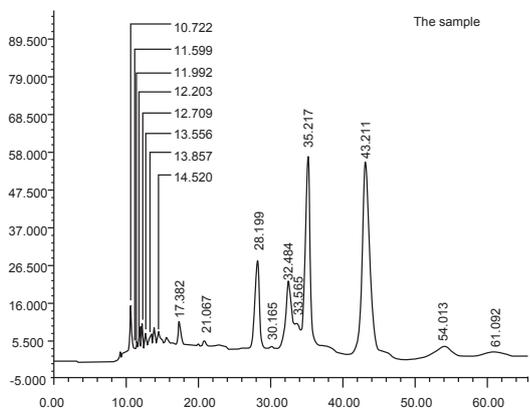
Column: Welch Ultisil™ XB-C4 (300Å), 5µm, 4.6×250mm
 Detection Wavelength: 215nm
 Mobile Phase: A: 0.1% TFA water solution
 B: 0.1% trifluoroacetic acid acetonitrile solution

Gradient Program:

Time(min)	Mobile Phase A(%)	Mobile Phase B(%)
0	80	20
5	80	20
13	50	50
20	35	65
23	5	95
24	80	20
30	80	20

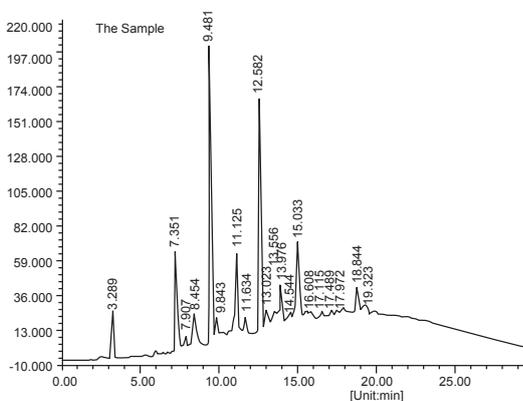
Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Anthocyanins



Column : Welch Ultisil™ SEC-120, 5µm, 7.8×300mm
 Detection Wavelength: 280nm
 Mobile Phase: 50mmol/L NaH₂PO₄ +50mmol/L Na₂HPO₄
 Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Anthocyanins

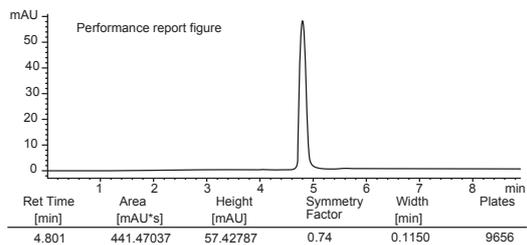


Column: Welch Ultisil™ LP-C18, 5µm, 4.6×150mm
 Detection Wavelength: 280nm
 Mobile Phase: A: 0.2% acetic acid solution B: acetonitrile
 Gradient Program:

Time(min)	Mobile Phase A(%)	Mobile Phase B(%)
0	90	10
50	50	50

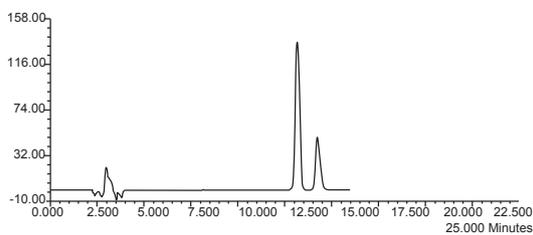
Temperature: Ambient
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Amaranth



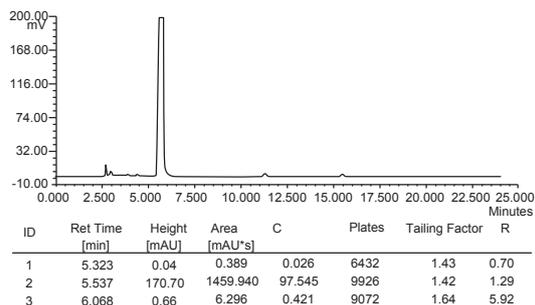
Column: Welch Ultisil™ XB-C 18, 5µm, 4.6×250mm
 Detection Wavelength: 254nm
 Mobile Phase: 0.02mol/L ammonium acetate/methanol=80/20
 Temperature: 35°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

O-cresol And Adjacent Methyl Benzene Acetic Acid Oxygen



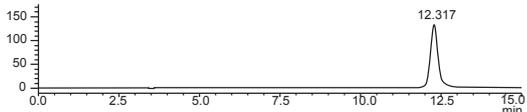
Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Detection Wavelength: 277nm
 Mobile Phase: 1% acetic acid aqueous solution/acetonitrile=65/35
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 10µl

2-chlorophenylacetic Acid

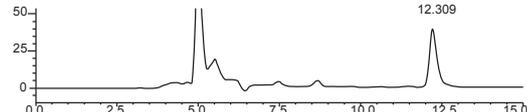


Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Detection Wavelength: 220nm
 Mobile Phase: Acetonitrile/water/perchlorate=55/44.95/0.05, (the pH of perchloric acid aqueous solution is 1.69)
 Temperature: Ambient 25°C
 Flow Rate: 0.8ml/min
 Injection Volume: 20µl

The Vitamin In Dairy Products K1



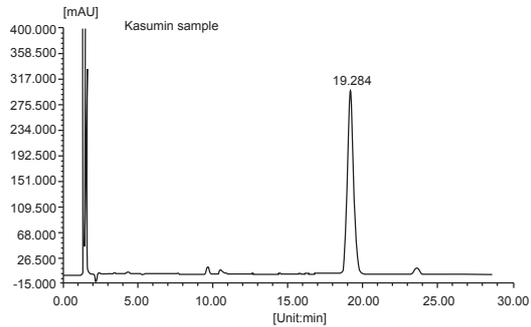
ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Tailing Factor	R	Plates/Meter
1	12.317	2374589	132731	1.117	0.000	78239.470



ID	Ret Time [min]	Area [mAU*s]	Height [mAU]	Tailing Factor	R	Plates/Meter
1	12.309	683950	38842	1.092	0.000	78538.418

Column: Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Ultisil™ Zn 4.6×50mm, put them in series
 Detection Wavelength: Excitation wavelength 243 nm, emission wavelength 430 nm
 Mobile Phase: CH₂O 900 mL, CH₂Cl₂ 100 mL, glacial acetic acid 0.3 mL, ZnCl₂ 1.5 g, anhydrous sodium acetate 0.5 g, after dissolved with 0.45 µm a membrane filter
 Temperature: 35 C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

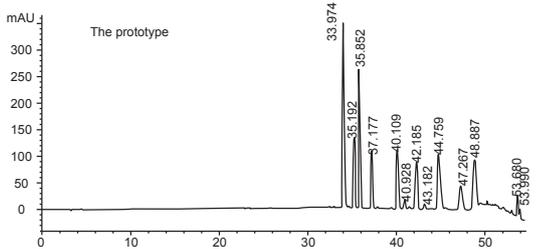
Kasumin



ID	Ret Time [min]	Half Width [min]	Height [mAU]	Area [mAU*s]	Area [mAU*s]%	Content	Plates	R	Tailing Factor
1	19.284	0.368	292920.5	6970570.7	100.0000	100.0000	15213	0.000	0.902

Column : Welch Ultisil™ XB-C18, 5µm, 4.6×250mm
 Detection Wavelength: 215nm
 Mobile Phase: Acetonitrile/1.0% sodium dodecyl sulfate solution=20/80
 Temperature: Ambient
 Flow Rate: 1.2ml/min
 Injection Volume: 20µl

Benzophenanthridine Alkaloid and Isoquinoline Alkaloid



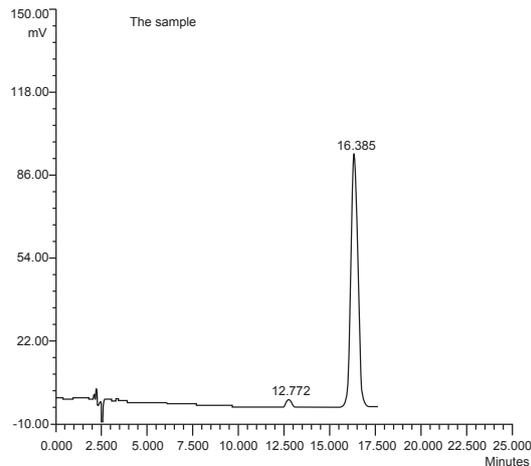
Ret Time [min]	Area [mAU*s]	Height [mAU]	Symmetry Factor	Width [min]	Plate Number	R	Selective
33.974	3980.95874	343.17294	0.52	0.1814	194354	-	-
35.192	1357.79480	132.07069	0.74	0.1600	268034	4.19	1.04
35.852	2754.50635	260.59549	0.59	0.1667	256372	2.37	1.02
37.177	1090.68481	106.55691	0.72	0.1600	299096	4.77	1.04
40.109	1432.89355	110.55012	0.64	0.2033	215575	9.48	1.08
40.928	245.96317	19.42195	0.80	0.1950	244036	2.42	1.02
42.185	1407.16565	88.24381	0.65	0.2500	157754	3.32	1.03
43.182	152.20238	10.29104	0.90	0.2317	192493	2.43	1.02
44.759	2060.38965	103.87152	0.58	0.3098	115661	3.42	1.04
47.267	1013.67859	44.61381	0.80	0.3533	99140	4.44	1.06
48.887	2104.17432	90.78402	1.07	0.3600	102161	2.67	1.03
53.680	177.56477	37.17308	0.85	0.0711	3156893	13.06	1.10
53.990	107.78387	18.27604	1.31	0.1386	841213	1.74	1.01

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Detection Wavelength: 240nm
 Mobile Phase : Mobile Phase A : 0.2% acetic acid solution adjust pH to 4.00 with triethylamine

Time(min)	Mobile Phase A(%)	Mobile Phase B(%)
0	85	15
5	85	15
25	75	35
30	65	35
35	60	40
45	60	40
50	0	100
60	0	100

Temperature: 30 C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl
 Notes: Sensitive to injection volume and solvent

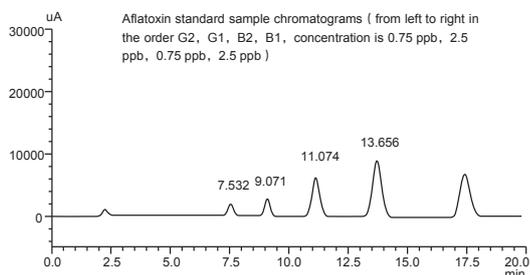
Tranexamic Acid



ID	Component	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	AMCHA	12.772	6.62	49.229	1.955	10397	1.09	0.00
2	PAMBA	16.385	98.10	2468.867	98.045	9561	0.98	6.17

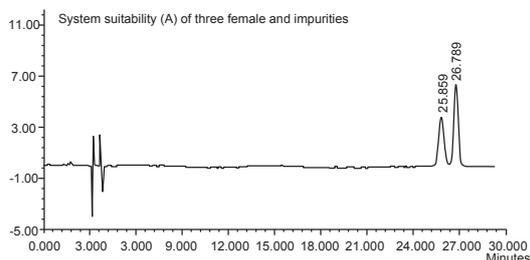
Column : Welch Ultisil™ AQ-C18, 5µm, 4.6×250mm
 Detection Wavelength: 220nm
 Mobile Phase: 0.23% sodium dodecyl sulfate solution (18.3g sodium dihydrogen phosphate, add water to 800ml dissolve, add 8.3ml triethylamine blending, add 2.3 g sodium dodecyl sulfate, vibration to make it dissolved, adjust pH to 2.5 with phosphoric acid, add water to 1000 ml, shake well) /methanol= 60/40
 Temperature: Ambient 20 C
 Flow Rate: 1.2ml/min
 Injection Volume: 10µl

Aflatoxin

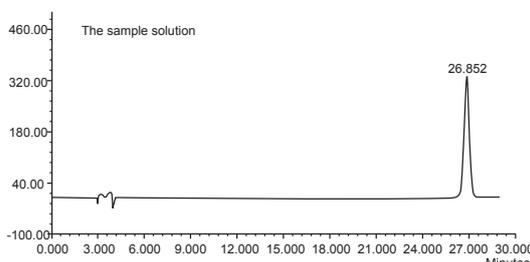


Column: Welch Ultisil™XB-C18, 5µm, 4.6×150 mm
 Detection Wavelength: Ex = 360 nm, Em = 420 nm
 Mobile Phase: Methanol/water=45/55
 Temperature: 30°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Estriol



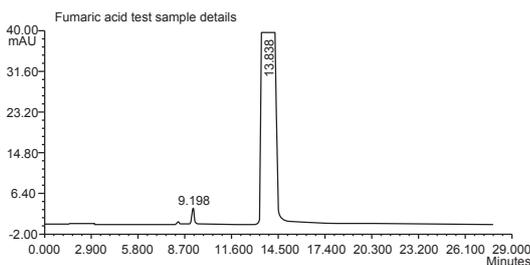
ID	Component	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	Impurities A	25.859	398	7380.9	37.060	43890	0.99	0.00
2	Estriol	26.789	645	12535.1	62.940	42859	1.82	1.82



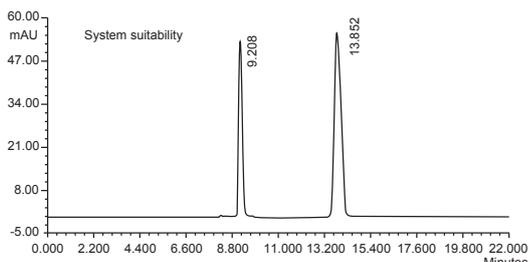
ID	Component	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	Estriol	26.852	33301	643542.4	100.000	43548	0.93	0.00

Column: Welch Ultisil™ LP-C18, 5µm, 4.6×250mm
 Detection Wavelength: 280nm
 Mobile Phase: Water/acetonitrile=80/20 (0min) , 75/25 (20min)
 Temperature: 25°C
 Flow Rate: 1.0ml/min
 Injection Volume: 20µl

Fumaric Acid



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Plates	Tailing Factor	R
1	9.198	328	3555.2	0.076	16245	1.30	0.00
2	13.838	201694	4693657.5	99.924	7976	1.09	10.21



ID	Ret Time [min]	Height [mAU]	Area [mAU*s]	C	Half Width [min]	Plates	Tailing Factor	R
1	9.208	5294	58095.9	33.699	10.32	15882	1.34	0.00
2	13.852	5536	114299.9	66.301	19.41	10152	1.11	11.03

Column: Welch Xtimate® Sugar-H, 8µm, 78×300mm
 Detection Wavelength: 210nm
 Mobile Phase: 0.0025mol/L sulfuric acid solution
 Temperature: 55°C
 Flow Rate: 0.5ml/min
 Injection Volume: 5µl
 Notes: Sensitive to injection volume and solvent

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