

Method File: C:\Users\DELL\AppData\Local\Temp\tmp75C2.iprom

ID1: Thiamine_B1

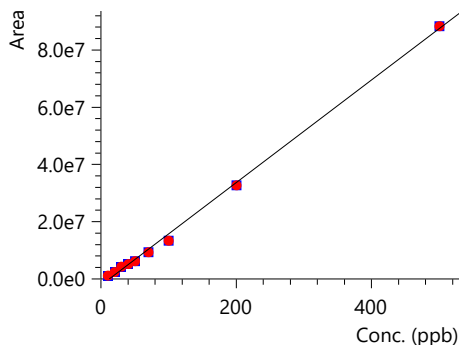
Curve Fit: Linear | Weighting: None | Zero: Not Forced

Quantitative Method: External Standard

Q 265.20>122.10

$R^2 = 0.9978688$ $R = 0.9989338$

$y = 179300.7x - 2164892$



ID2: Riboflavin_B2

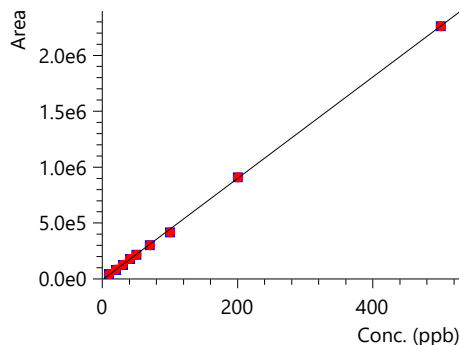
Curve Fit: Linear | Weighting: None | Zero: Not Forced

Quantitative Method: External Standard

Q 377.30>243.05

$R^2 = 0.9997508$ $R = 0.9998754$

$y = 4537.113x - 8226.509$



ID3: Nicotinic Acid_B3

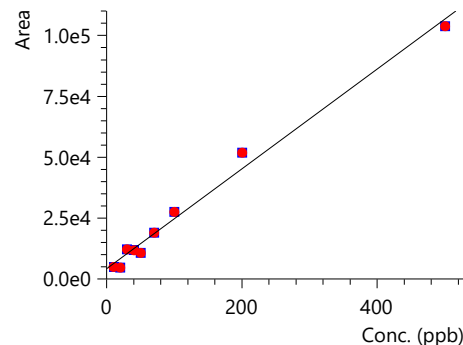
Curve Fit: Linear | Weighting: None | Zero: Not Forced

Quantitative Method: External Standard

Q 124.15>53.10

$R^2 = 0.9887199$ $R = 0.9943440$

$y = 204.9180x + 4232.636$



ID4: Nicotinamide_B3

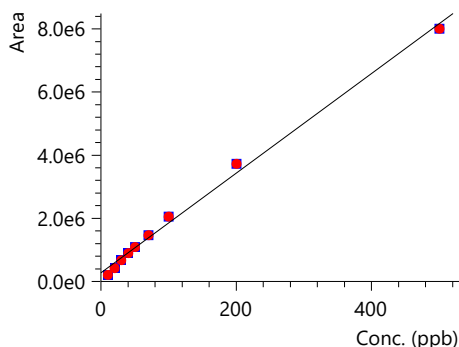
Curve Fit: Linear | Weighting: None | Zero: Not Forced

Quantitative Method: External Standard

Q 123.15>80.15

$R^2 = 0.9949936$ $R = 0.9974937$

$y = 15779.75x + 276709.8$



ID5: Pantothenic Acid_B5

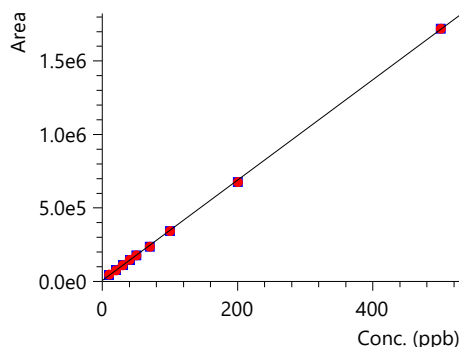
Curve Fit: Linear | Weighting: None | Zero: Not Forced

Quantitative Method: External Standard

Q 220.20>90.10

$R^2 = 0.9998427$ $R = 0.9999214$

$y = 3415.938x + 6151.823$



ID6: Pyradoxin_B6

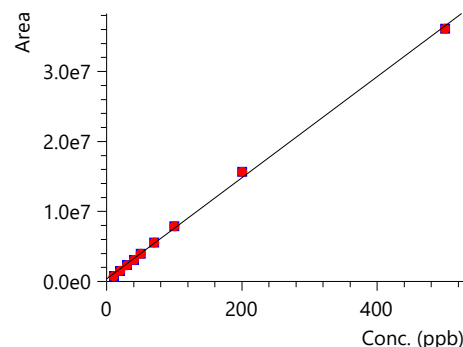
Curve Fit: Linear | Weighting: None | Zero: Not Forced

Quantitative Method: External Standard

Q 170.25>152.20

$R^2 = 0.9987724$ $R = 0.9993860$

$y = 72273.05x + 372775.6$



ID7: Biotin_B7

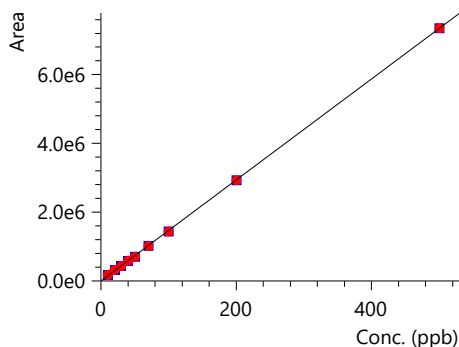
Curve Fit: Linear | Weighting: None | Zero: Not Forced

Quantitative Method: External Standard

Q 245.25>227.10

$R^2 = 0.9999128$ $R = 0.9999564$

$y = 14675.23x + 2561.498$



ID8: Folic Acid_B9

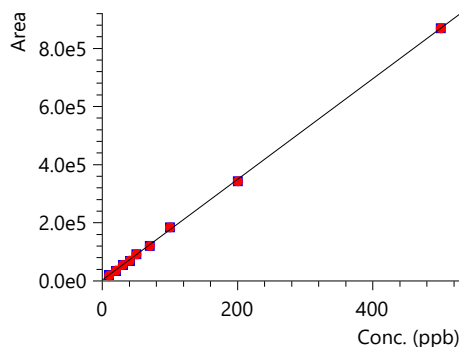
Curve Fit: Linear | Weighting: None | Zero: Not Forced

Quantitative Method: External Standard

Q 442.30>295.20

$R^2 = 0.9997650$ $R = 0.9998825$

$y = 1731.556x + 3045.280$



ID9: Cynocobalmine_B12

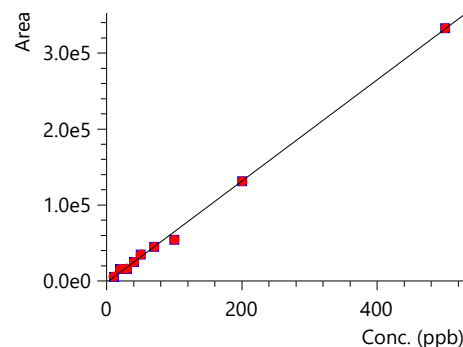
Curve Fit: Linear | Weighting: None | Zero: Not Forced

Quantitative Method: External Standard

Q 678.50>147.00

$R^2 = 0.9982507$ $R = 0.9991250$

$y = 666.7228x - 1948.475$



WSV_SampleWSVCheck_01_30

Sample ID: SampleWSVCheck_01
Date Acquired: 10/21/2023 1:14:05 AM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_SampleWSVCheck_01_30
Vial: 22 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1	Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	1.458	200983	14.83	395.8505	30.00000	
Riboflavin_B2	9.233	640285	42.92	4288.0430	30.00000	
Nicotinic Acid_B3	----	----	0.00	----	30.00000	
Nicotinamide_B3	6.038	1905042	39.04	3095.7383	30.00000	
Pantothenic Acid_B5	7.512	1572070	24.17	13752.4626	30.00000	
Pyridoxin_B6	5.165	534302	112.73	67.0485	30.00000	
Biotin_B7	----	----	0.00	----	30.00000	
Folic Acid_B9	8.484	13826	49.76	186.7817	30.00000	
Cynocobalmine_B12	8.257	1850	11.15	170.9339	30.00000	

Thiamine_B1

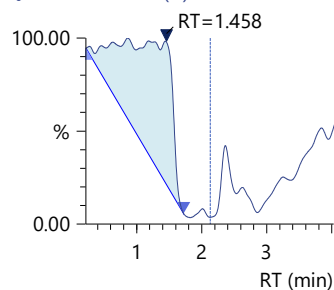
Conc. 395.8505

Area 200983

R#1 14.83 (0.00)

Q 265.20>122.10 (+)

5.79e3



Riboflavin_B2

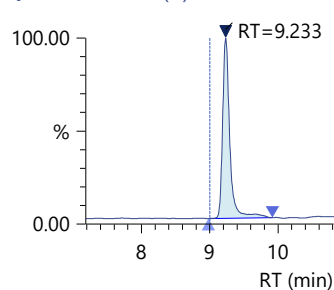
Conc. 4288.0430

Area 640285

R#1 42.92 (0.00)

Q 377.30>243.05 (+)

8.74e4



Nicotinic Acid_B3

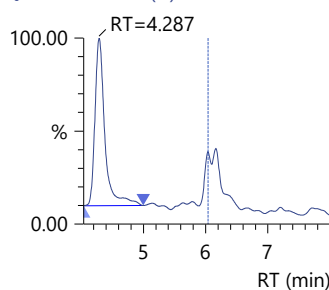
Conc. ----

Area ----

R#1 0.00 (0.00)

Q 124.15>53.10 (+)

9.43e3



Nicotinamide_B3

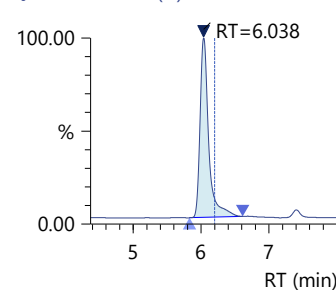
Conc. 3095.7383

Area 1905042

R#1 39.04 (0.00)

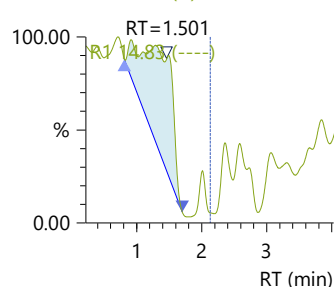
Q 123.15>80.15 (+)

2.20e5



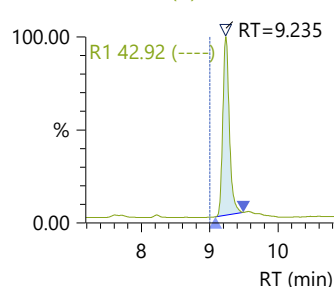
R1 265.20>144.10 (+)

1.59e3



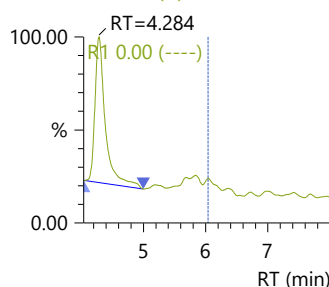
R1 377.30>172.15 (+)

4.17e4



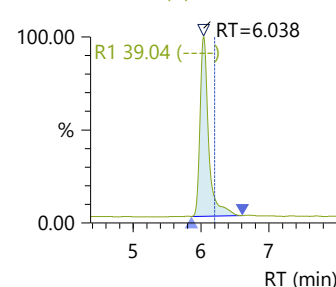
R1 124.15>78.05 (+)

1.91e4



R1 123.15>53.10 (+)

8.65e4



WSV_SampleWSVCheck_01_30 (continued)

Pantothenic Acid_B5

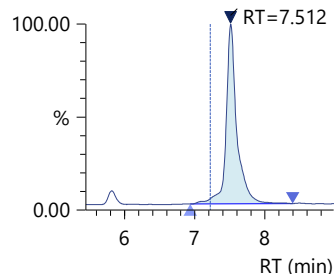
Conc. 13752.4626

Area 1572070

R#1 24.17 (0.00)

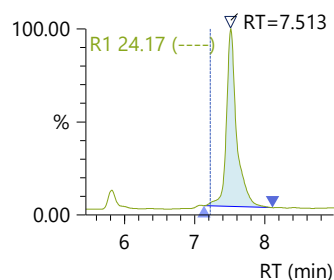
Q 220.20>90.10 (+)

1.48e5



R1 220.20>72.00 (+)

3.82e4



Pyridoxin_B6

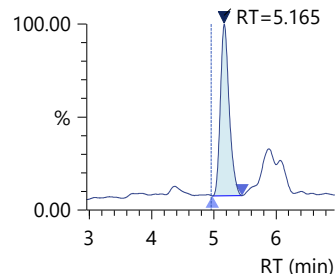
Conc. 67.0485

Area 534302

R#1 112.73 (0.00)

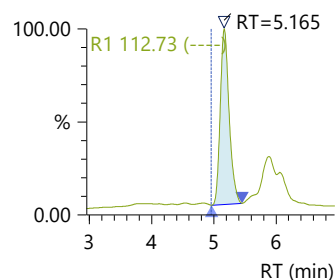
Q 170.25>152.20 (+)

5.70e4



R1 170.25>134.10 (+)

6.23e4



Biotin_B7

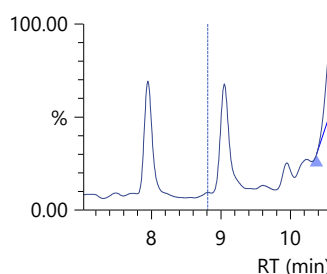
Conc. ---

Area ---

R#1 0.00 (0.00)

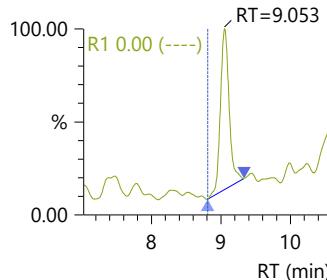
Q 245.25>227.10 (+)

3.19e4



R1 245.25>97.10 (+)

3.43e3



Folic Acid_B9

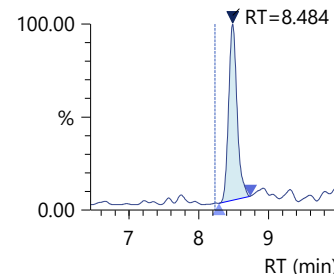
Conc. 186.7817

Area 13826

R#1 49.76 (0.00)

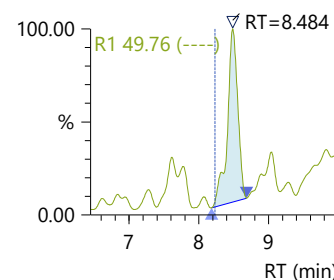
Q 442.30>295.20 (+)

1.67e3



R1 442.30>176.20 (+)

6.88e2



Cynocobalmine_B12

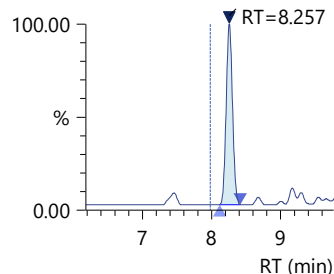
Conc. 170.9339

Area 1850

R#1 11.15 (0.00)

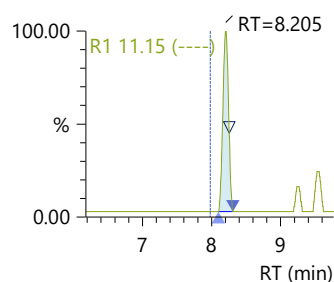
Q 678.50>147.00 (+)

2.90e2



R1 678.50>359.00 (+)

3.60e1



WSV_SampleWSVCheck_02_31

Sample ID: SampleWSVCheck_02
Date Acquired: 10/21/2023 1:29:38 AM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_SampleWSVCheck_02_31
Vial: 22 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1	Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	1.472	187457		26.96	393.5874	30.00000
Riboflavin_B2	9.244	659460		41.62	4414.8318	30.00000
Nicotinic Acid_B3	----	----		0.00	----	30.00000
Nicotinamide_B3	6.046	1907537		39.71	3100.4809	30.00000
Pantothenic Acid_B5	7.523	1526127		26.33	13348.9678	30.00000
Pyridoxin_B6	5.158	538262		111.07	68.6924	30.00000
Biotin_B7	----	----		0.00	----	30.00000
Folic Acid_B9	8.497	16185		47.94	227.6551	30.00000
Cynocobalmine_B12	8.267	1895		26.71	172.9337	30.00000

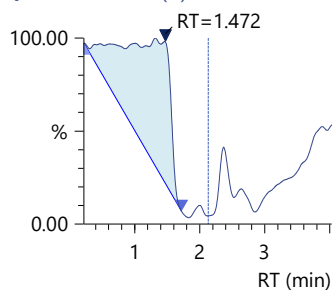
Thiamine_B1

Conc. 393.5874

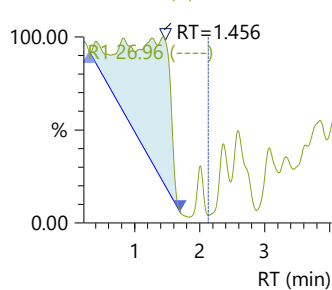
Area 187457

R#1 26.96 (0.00)

Q 265.20>122.10 (+)



R1 265.20>144.10 (+)



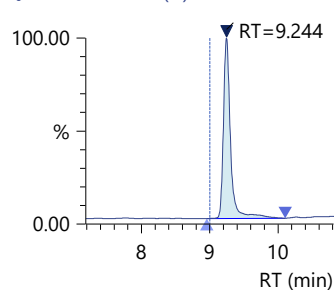
Riboflavin_B2

Conc. 4414.8318

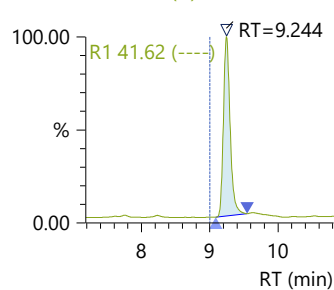
Area 659460

R#1 41.62 (0.00)

Q 377.30>243.05 (+)



R1 377.30>172.15 (+)



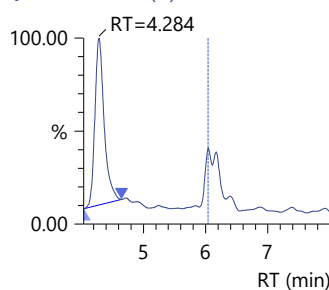
Nicotinic Acid_B3

Conc. ----

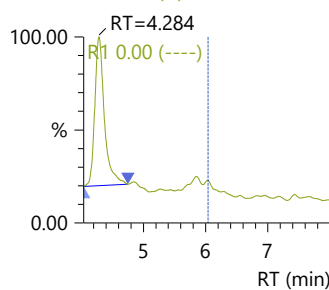
Area ----

R#1 0.00 (0.00)

Q 124.15>53.10 (+)



R1 124.15>78.05 (+)



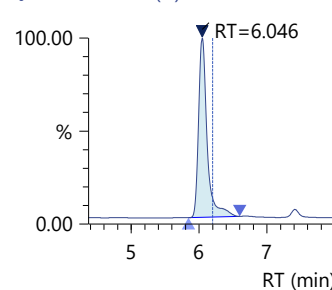
Nicotinamide_B3

Conc. 3100.4809

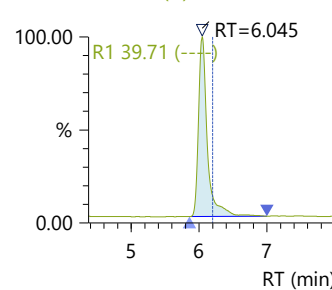
Area 1907537

R#1 39.71 (0.00)

Q 123.15>80.15 (+)



R1 123.15>53.10 (+)



WSV_SampleWSVCheck_02_31 (continued)

Pantothenic Acid_B5

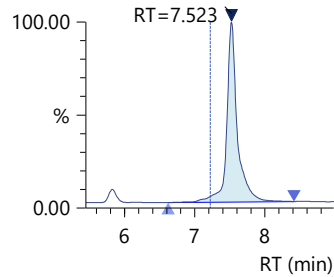
Conc. 13348.9678

Area 1526127

R#1 26.33 (0.00)

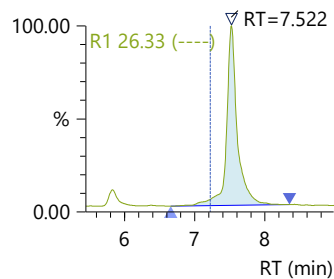
Q 220.20>90.10 (+)

1.45e5



R1 220.20>72.00 (+)

3.76e4



Pyridoxin_B6

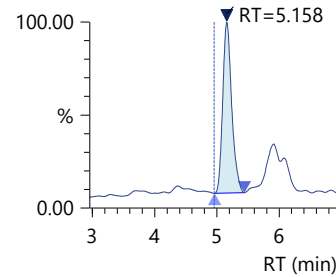
Conc. 68.6924

Area 538262

R#1 111.07 (0.00)

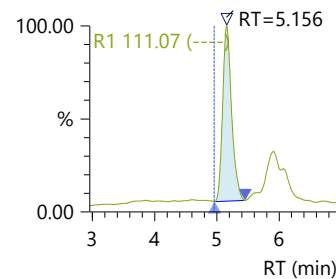
Q 170.25>152.20 (+)

5.66e4



R1 170.25>134.10 (+)

6.13e4



Biotin_B7

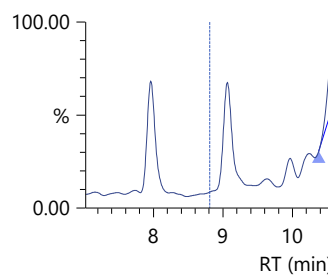
Conc. ---

Area ---

R#1 0.00 (0.00)

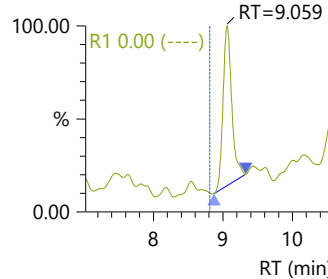
Q 245.25>227.10 (+)

3.14e4



R1 245.25>97.10 (+)

3.35e3



Folic Acid_B9

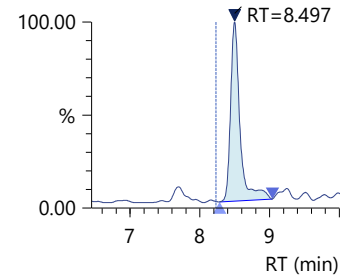
Conc. 227.6551

Area 16185

R#1 47.94 (0.00)

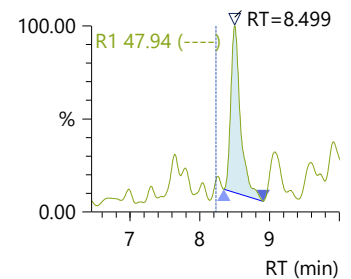
Q 442.30>295.20 (+)

1.73e3



R1 442.30>176.20 (+)

8.60e2



Cynocobalmine_B12

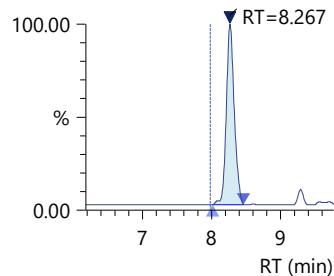
Conc. 172.9337

Area 1895

R#1 26.71 (0.00)

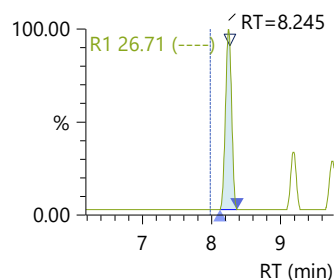
Q 678.50>147.00 (+)

2.36e2



R1 678.50>359.00 (+)

8.20e1



WSV_SampleWSVCheck_03_32

Sample ID: SampleWSVCheck_03
Date Acquired: 10/21/2023 1:45:11 AM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_SampleWSVCheck_03_32
Vial: 22 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1	Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	1.466	199124		26.02	395.5395	30.00000
Riboflavin_B2	9.242	591352		49.91	3964.4935	30.00000
Nicotinic Acid_B3	----	----		0.00	----	30.00000
Nicotinamide_B3	6.041	1913965		40.74	3112.7025	30.00000
Pantothenic Acid_B5	7.521	1508284		26.29	13192.2694	30.00000
Pyridoxin_B6	5.152	543743		110.73	70.9671	30.00000
Biotin_B7	7.959	180954		0.00	364.6807	30.00000
Folic Acid_B9	8.493	16691		53.92	236.4103	30.00000
Cynocobalmine_B12	8.274	1494		0.00	154.8980	30.00000

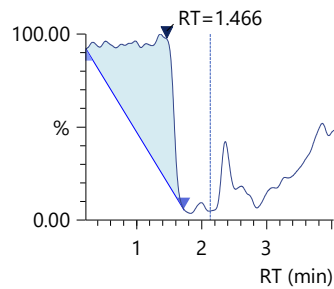
Thiamine_B1

Conc. 395.5395

Area 199124

R#1 26.02 (0.00)

Q 265.20>122.10 (+)



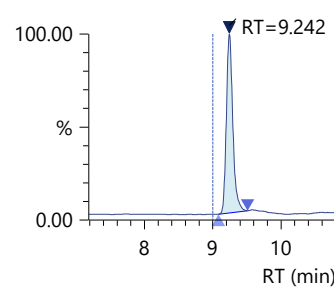
Riboflavin_B2

Conc. 3964.4935

Area 591352

R#1 49.91 (0.00)

Q 377.30>243.05 (+)



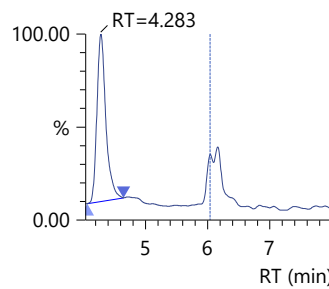
Nicotinic Acid_B3

Conc. ----

Area ----

R#1 0.00 (0.00)

Q 124.15>53.10 (+)



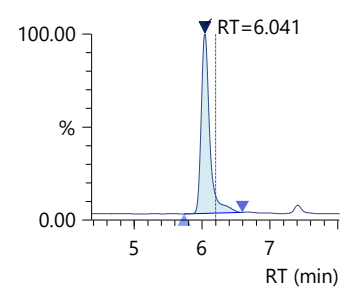
Nicotinamide_B3

Conc. 3112.7025

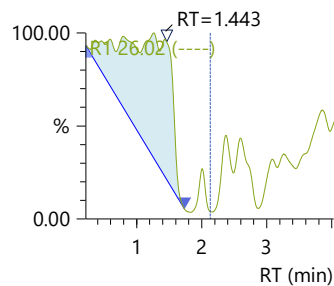
Area 1913965

R#1 40.74 (0.00)

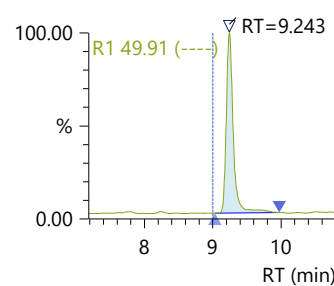
Q 123.15>80.15 (+)



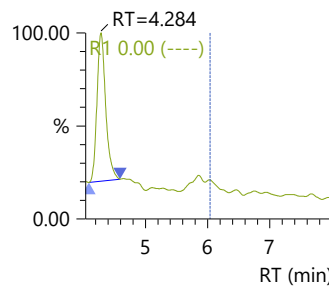
R1 265.20>144.10 (+)



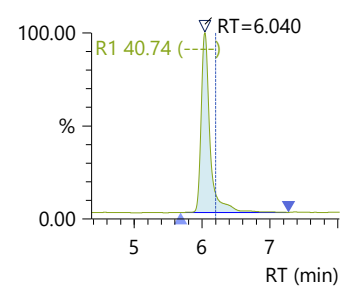
R1 377.30>172.15 (+)



R1 124.15>78.05 (+)



R1 123.15>53.10 (+)



WSV_SampleWSVCheck_03_32 (continued)

Pantothenic Acid_B5

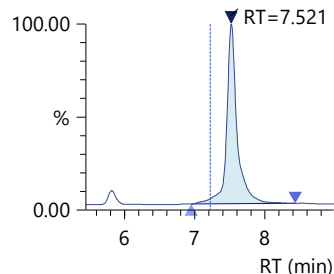
Conc. 13192.2694

Area 1508284

R#1 26.29 (0.00)

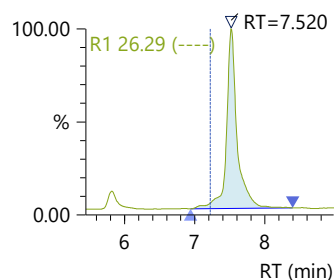
Q 220.20>90.10 (+)

1.45e5



R1 220.20>72.00 (+)

3.77e4



Pyridoxin_B6

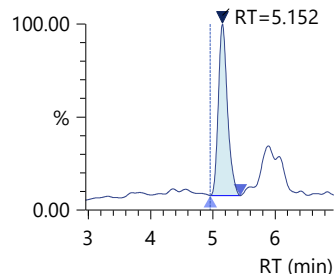
Conc. 70.9671

Area 543743

R#1 110.73 (0.00)

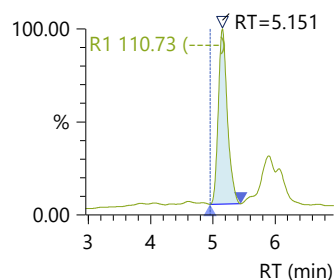
Q 170.25>152.20 (+)

5.60e4



R1 170.25>134.10 (+)

6.09e4



Biotin_B7

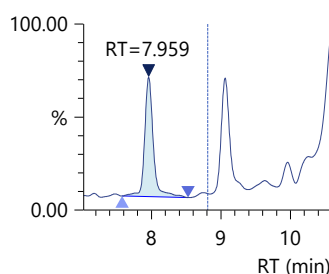
Conc. 364.6807

Area 180954

R#1 0.00 (0.00)

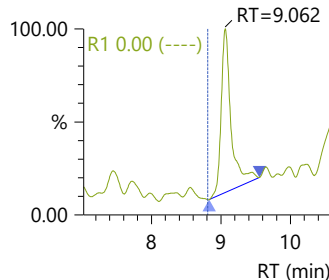
Q 245.25>227.10 (+)

3.15e4



R1 245.25>97.10 (+)

3.35e3



Folic Acid_B9

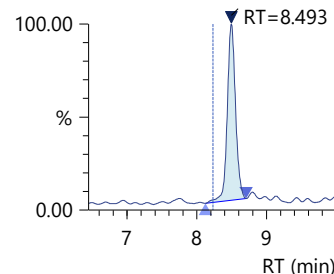
Conc. 236.4103

Area 16691

R#1 53.92 (0.00)

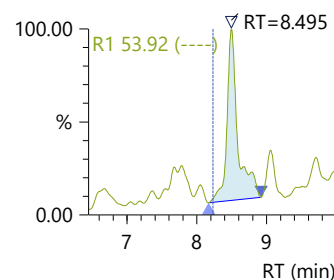
Q 442.30>295.20 (+)

2.06e3



R1 442.30>176.20 (+)

8.68e2



Cynocobalmine_B12

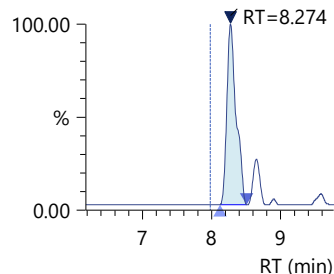
Conc. 154.8980

Area 1494

R#1 0.00 (0.00)

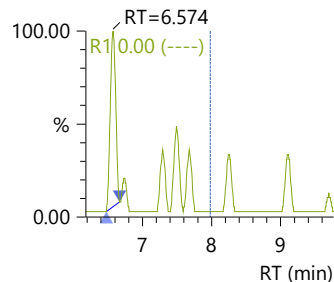
Q 678.50>147.00 (+)

1.59e2



R1 678.50>359.00 (+)

3.80e1



WSV_SampleWSVCheck_04_33

Sample ID: SampleWSVCheck_04
Date Acquired: 10/21/2023 2:00:45 AM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_SampleWSVCheck_04_33
Vial: 22 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1 Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	1.485	186608	30.01	393.4454	30.00000
Riboflavin_B2	9.235	654354	45.79	4381.0714	30.00000
Nicotinic Acid_B3	----	----	0.00	----	30.00000
Nicotinamide_B3	6.040	1920347	39.94	3124.8353	30.00000
Pantothenic Acid_B5	7.514	1505927	24.59	13171.5677	30.00000
Pyridoxin_B6	5.156	562388	111.52	78.7067	30.00000
Biotin_B7	----	----	0.00	----	30.00000
Folic Acid_B9	8.482	15042	34.93	207.8502	30.00000
Cynocobalmine_B12	8.250	1939	8.53	174.9429	30.00000

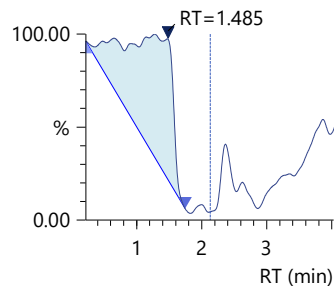
Thiamine_B1

Conc. 393.4454

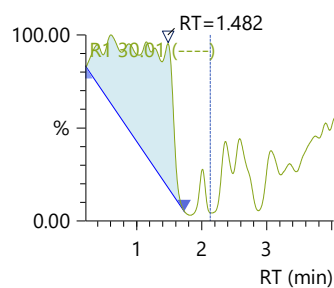
Area 186608

R#1 30.01 (0.00)

Q 265.20>122.10 (+)



R1 265.20>144.10 (+)



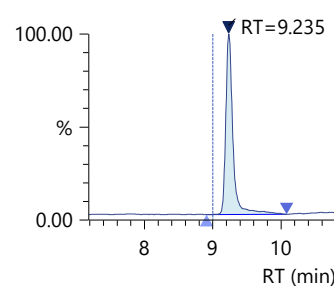
Riboflavin_B2

Conc. 4381.0714

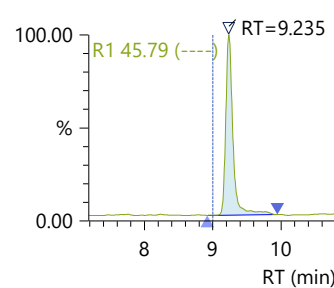
Area 654354

R#1 45.79 (0.00)

Q 377.30>243.05 (+)



R1 377.30>172.15 (+)



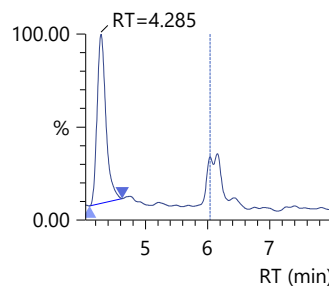
Nicotinic Acid_B3

Conc. ----

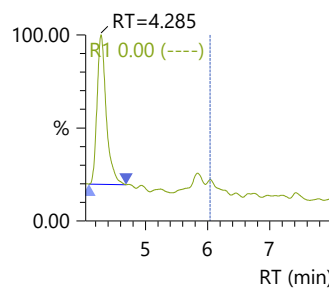
Area ----

R#1 0.00 (0.00)

Q 124.15>53.10 (+)



R1 124.15>78.05 (+)



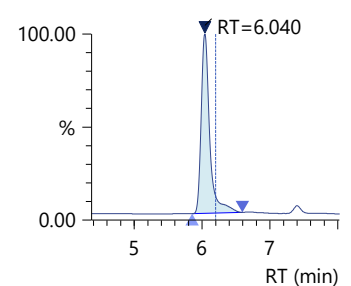
Nicotinamide_B3

Conc. 3124.8353

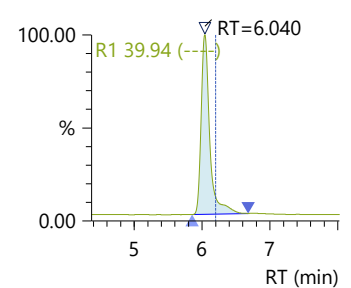
Area 1920347

R#1 39.94 (0.00)

Q 123.15>80.15 (+)



R1 123.15>53.10 (+)



WSV_SampleWSVCheck_04_33 (continued)

Pantothenic Acid_B5

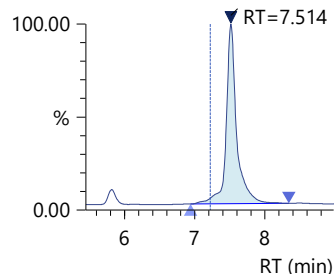
Conc. 13171.5677

Area 1505927

R#1 24.59 (0.00)

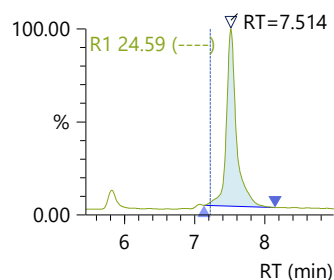
Q 220.20>90.10 (+)

1.46e5



R1 220.20>72.00 (+)

3.78e4



Pyridoxin_B6

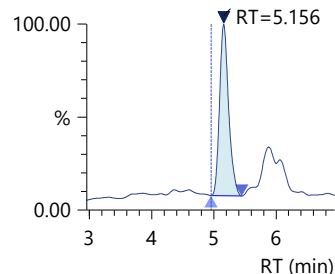
Conc. 78.7067

Area 562388

R#1 111.52 (0.00)

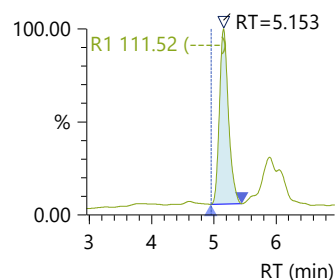
Q 170.25>152.20 (+)

5.83e4



R1 170.25>134.10 (+)

6.38e4



Biotin_B7

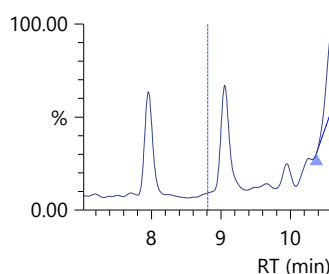
Conc. ---

Area ---

R#1 0.00 (0.00)

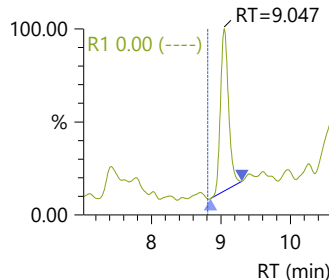
Q 245.25>227.10 (+)

3.28e4



R1 245.25>97.10 (+)

3.44e3



Folic Acid_B9

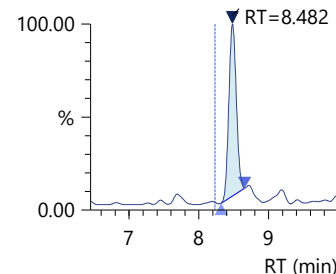
Conc. 207.8502

Area 15042

R#1 34.93 (0.00)

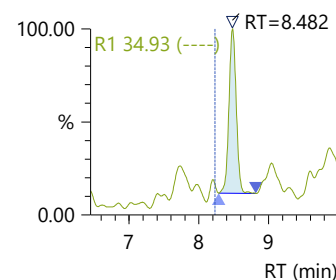
Q 442.30>295.20 (+)

2.11e3



R1 442.30>176.20 (+)

7.92e2



Cynocobalmine_B12

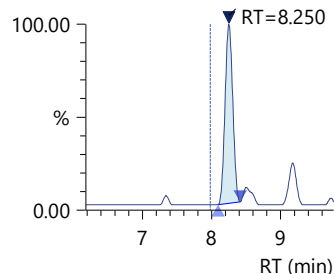
Conc. 174.9429

Area 1939

R#1 8.53 (0.00)

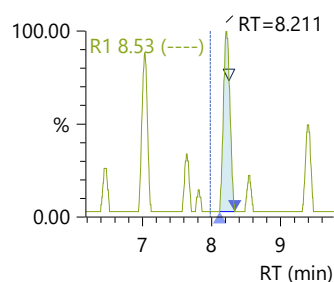
Q 678.50>147.00 (+)

2.52e2



R1 678.50>359.00 (+)

2.50e1



WSV_SampleWSVCheck_05_34

Sample ID: SampleWSVCheck_05
Date Acquired: 10/21/2023 2:16:18 AM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_SampleWSVCheck_05_34
Vial: 22 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1	Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	1.472	193909		20.98	394.6668	30.00000
Riboflavin_B2	9.239	650902		41.99	4358.2451	30.00000
Nicotinic Acid_B3	----	----		0.00	----	30.00000
Nicotinamide_B3	6.036	2020725		37.80	3315.6706	30.00000
Pantothenic Acid_B5	7.515	1512007		26.21	13224.9671	30.00000
Pyridoxin_B6	5.141	556285		111.28	76.1733	30.00000
Biotin_B7	----	----		0.00	----	30.00000
Folic Acid_B9	8.492	16985		47.97	241.5179	30.00000
Cynocobalmine_B12	8.262	1075		0.00	136.0449	30.00000

Thiamine_B1

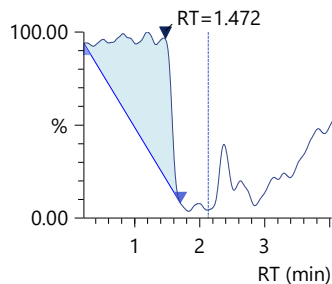
Conc. 394.6668

Area 193909

R#1 20.98 (0.00)

Q 265.20>122.10 (+)

5.68e3



Riboflavin_B2

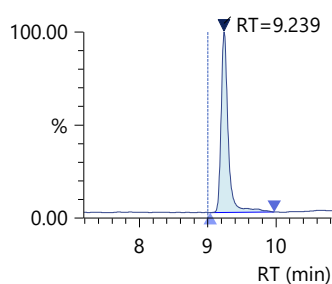
Conc. 4358.2451

Area 650902

R#1 41.99 (0.00)

Q 377.30>243.05 (+)

9.05e4



Nicotinic Acid_B3

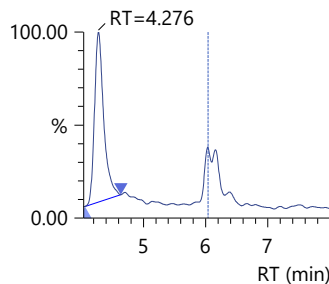
Conc. ----

Area ----

R#1 0.00 (0.00)

Q 124.15>53.10 (+)

1.07e4



Nicotinamide_B3

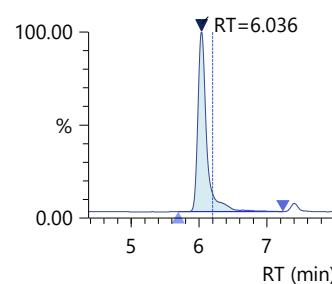
Conc. 3315.6706

Area 2020725

R#1 37.80 (0.00)

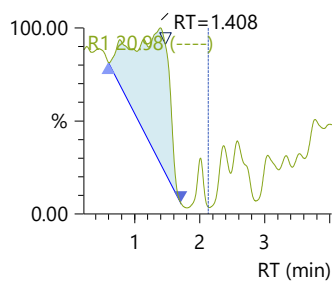
Q 123.15>80.15 (+)

2.27e5



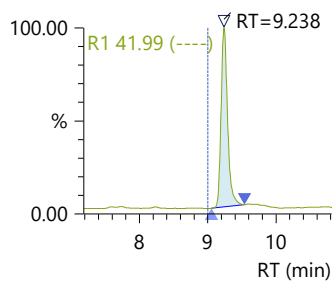
R1 265.20>144.10 (+)

1.59e3



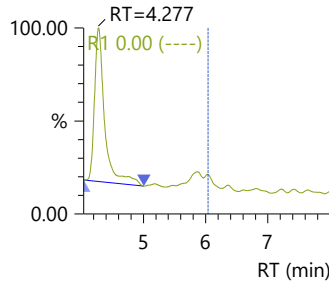
R1 377.30>172.15 (+)

4.17e4



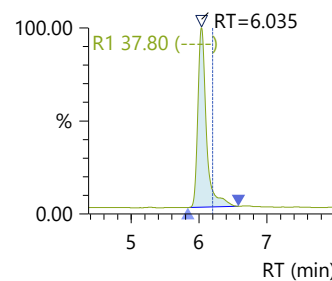
R1 124.15>78.05 (+)

2.14e4



R1 123.15>53.10 (+)

8.94e4



WSV_SampleWSVCheck_05_34 (continued)

Pantothenic Acid_B5

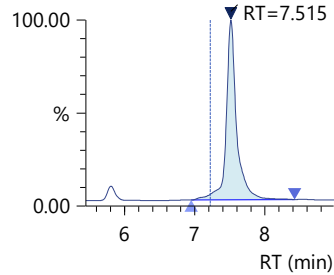
Conc. 13224.9671

Area 1512007

R#1 26.21 (0.00)

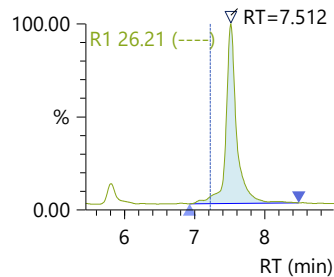
Q 220.20>90.10 (+)

1.46e5



R1 220.20>72.00 (+)

3.76e4



Pyridoxin_B6

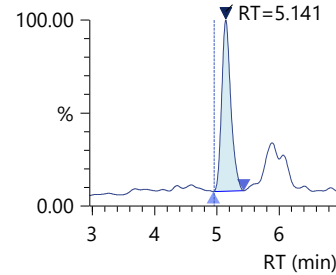
Conc. 76.1733

Area 556285

R#1 111.28 (0.00)

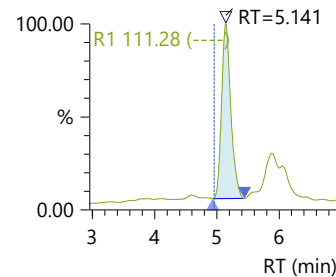
Q 170.25>152.20 (+)

5.71e4



R1 170.25>134.10 (+)

6.21e4



Biotin_B7

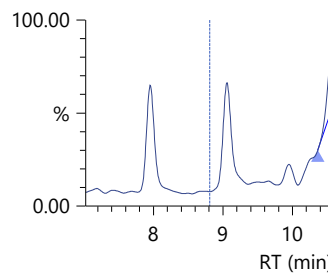
Conc. ----

Area ----

R#1 0.00 (0.00)

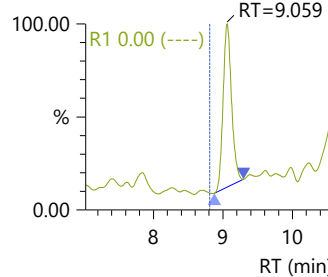
Q 245.25>227.10 (+)

3.33e4



R1 245.25>97.10 (+)

3.52e3



Folic Acid_B9

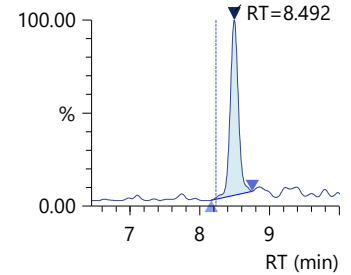
Conc. 241.5179

Area 16985

R#1 47.97 (0.00)

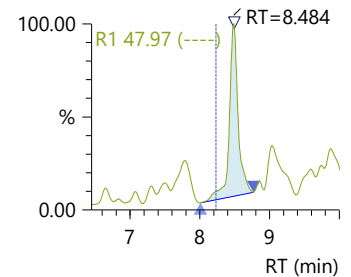
Q 442.30>295.20 (+)

2.13e3



R1 442.30>176.20 (+)

9.62e2



Cynocobalmine_B12

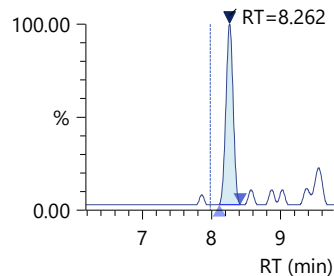
Conc. 136.0449

Area 1075

R#1 0.00 (0.00)

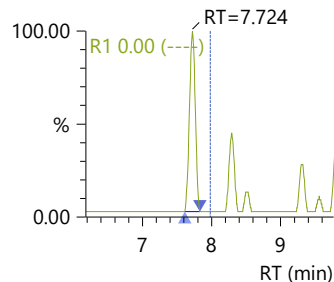
Q 678.50>147.00 (+)

1.47e2



R1 678.50>359.00 (+)

4.60e1



WSV_Blank_04_20

Sample ID: Blank_04
Date Acquired: 10/20/2023 10:39:00 PM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_Blank_04_20
Vial: 1 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1 Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	2.648	33846	20.82	12.2629	1.00000
Riboflavin_B2	9.264	18431	38.34	5.8754	1.00000
Nicotinic Acid_B3	----	----	0.00	----	1.00000
Nicotinamide_B3	6.675	75123	9.12	-12.7750	1.00000
Pantothenic Acid_B5	7.564	216089	29.57	61.4582	1.00000
Pyridoxin_B6	----	----	0.00	----	1.00000
Biotin_B7	9.072	104223	15.45	6.9275	1.00000
Folic Acid_B9	8.496	11482	43.85	4.8726	1.00000
Cynocobalmine_B12	8.297	757	0.00	4.0576	1.00000

Thiamine_B1

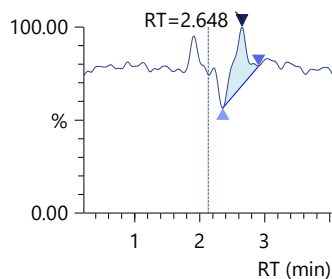
Conc. 12.2629

Area 33846

R#1 20.82 (0.00)

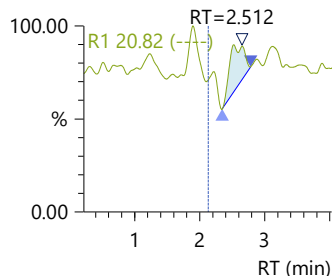
Q 265.20>122.10 (+)

7.28e3



R1 265.20>144.10 (+)

1.93e3



Riboflavin_B2

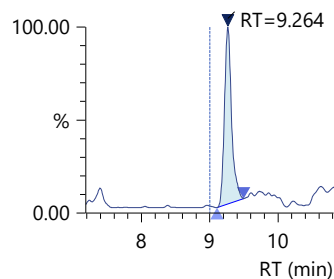
Conc. 5.8754

Area 18431

R#1 38.34 (0.00)

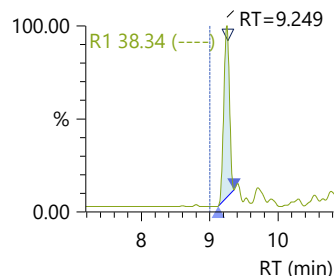
Q 377.30>243.05 (+)

2.59e3



R1 377.30>172.15 (+)

1.29e3



Nicotinic Acid_B3

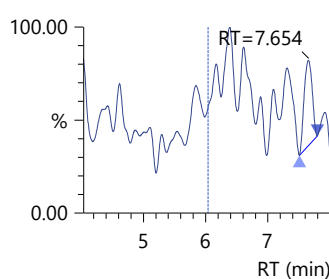
Conc. ----

Area ----

R#1 0.00 (0.00)

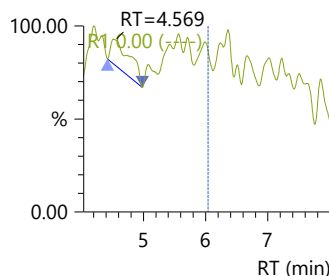
Q 124.15>53.10 (+)

2.77e2



R1 124.15>78.05 (+)

9.73e2



Nicotinamide_B3

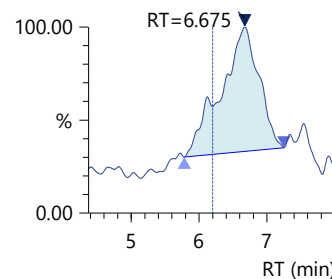
Conc. -12.7750

Area 75123

R#1 9.12 (0.00)

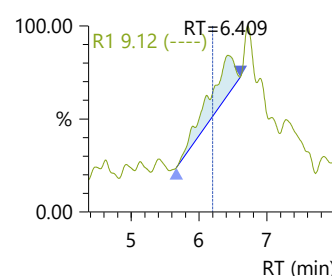
Q 123.15>80.15 (+)

2.78e3



R1 123.15>53.10 (+)

1.12e3

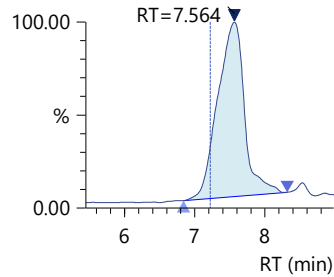


WSV_Blank_04_20 (continued)

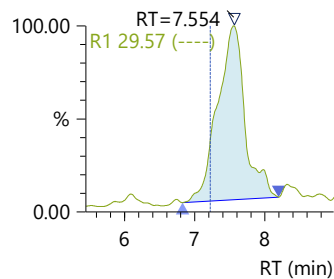
Pantothenic Acid_B5

Conc. 61.4582
Area 216089
R#1 29.57 (0.00)
Q 220.20>90.10 (+)

8.41e3



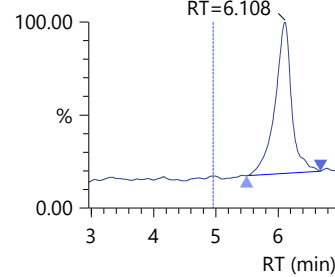
R1 220.20>72.00 (+) 2.43e3



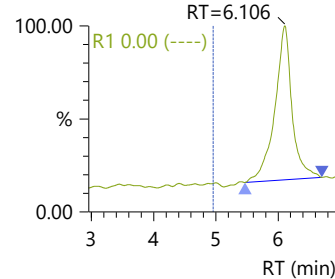
Pyridoxin_B6

Conc. ---
Area ---
R#1 0.00 (0.00)
Q 170.25>152.20 (+)

2.15e4



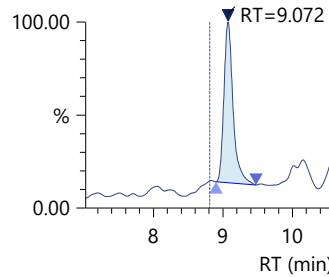
R1 170.25>134.10 (+) 2.16e4



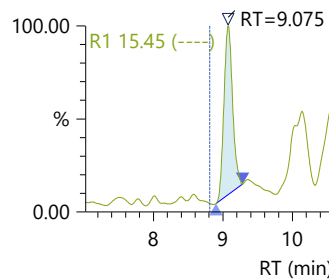
Biotin_B7

Conc. 6.9275
Area 104223
R#1 15.45 (0.00)
Q 245.25>227.10 (+)

1.28e4



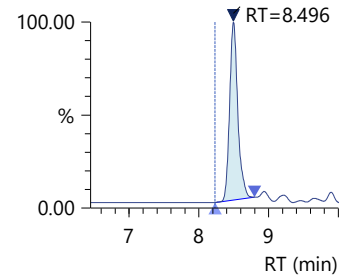
R1 245.25>97.10 (+) 1.99e3



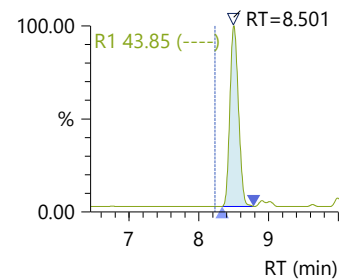
Folic Acid_B9

Conc. 4.8726
Area 11482
R#1 43.85 (0.00)
Q 442.30>295.20 (+)

1.42e3



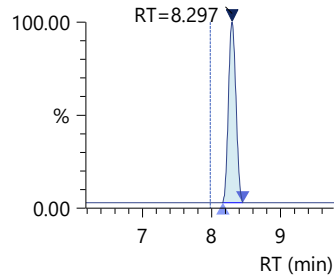
R1 442.30>176.20 (+) 5.85e2



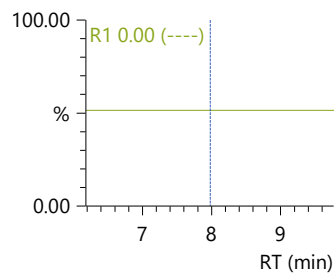
Cynocobalmine_B12

Conc. 4.0576
Area 757
R#1 0.00 (0.00)
Q 678.50>147.00 (+)

1.00e2



R1 678.50>359.00 (+) 0.00e0



WSV_Blank_05_29

Sample ID: Blank_05
Date Acquired: 10/21/2023 12:58:35 AM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_Blank_05_29
Vial: 1 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1 Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	2.642	37345	18.99	12.2824	1.00000
Riboflavin_B2	9.235	18539	48.15	5.8993	1.00000
Nicotinic Acid_B3	6.038	1381	0.00	-13.9137	1.00000
Nicotinamide_B3	6.574	52905	33.89	-14.1831	1.00000
Pantothenic Acid_B5	7.546	241001	27.05	68.7511	1.00000
Pyridoxin_B6	----	----	0.00	----	1.00000
Biotin_B7	9.053	119049	13.72	7.9377	1.00000
Folic Acid_B9	8.479	9447	40.93	3.6972	1.00000
Cynocobalmine_B12	8.277	606	10.56	3.8311	1.00000

Thiamine_B1

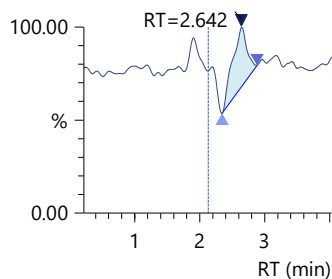
Conc. 12.2824

Area 37345

R#1 18.99 (0.00)

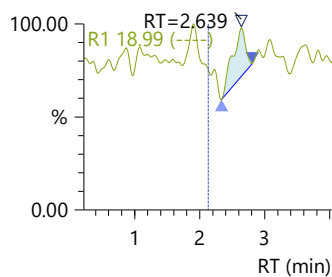
Q 265.20>122.10 (+)

7.13e3



R1 265.20>144.10 (+)

1.83e3



Riboflavin_B2

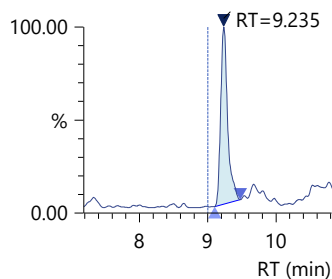
Conc. 5.8993

Area 18539

R#1 48.15 (0.00)

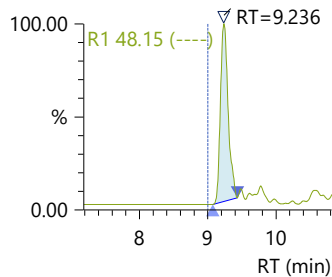
Q 377.30>243.05 (+)

2.65e3



R1 377.30>172.15 (+)

1.15e3



Nicotinic Acid_B3

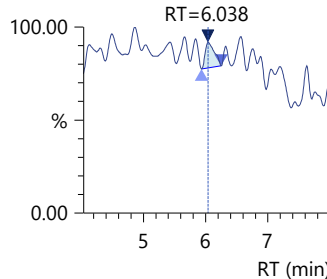
Conc. -13.9137

Area 1381

R#1 0.00 (0.00)

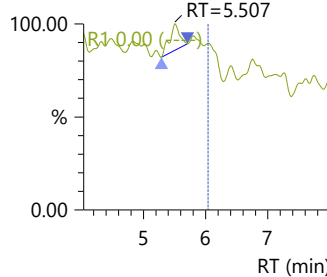
Q 124.15>53.10 (+)

9.52e2



R1 124.15>78.05 (+)

5.01e3



Nicotinamide_B3

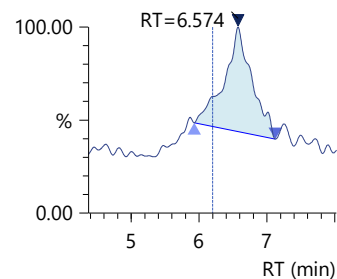
Conc. -14.1831

Area 52905

R#1 33.89 (0.00)

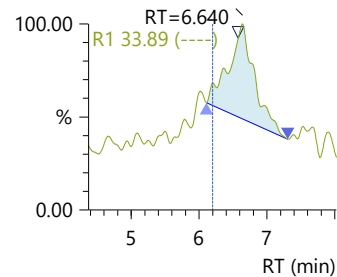
Q 123.15>80.15 (+)

3.20e3



R1 123.15>53.10 (+)

1.29e3



WSV_Blank_05_29 (continued)

Pantothenic Acid_B5

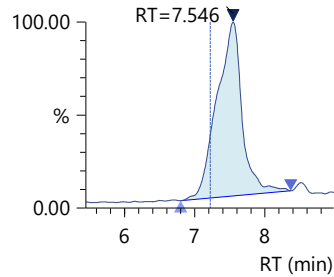
Conc. 68.7511

Area 241001

R#1 27.05 (0.00)

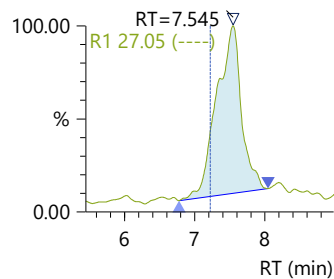
Q 220.20>90.10 (+)

9.96e3



R1 220.20>72.00 (+)

2.84e3



Pyridoxin_B6

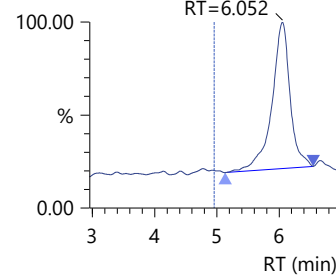
Conc. ----

Area ----

R#1 0.00 (0.00)

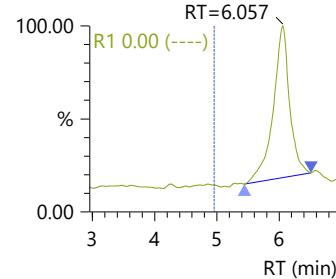
Q 170.25>152.20 (+)

1.80e4



R1 170.25>134.10 (+)

1.86e4



Biotin_B7

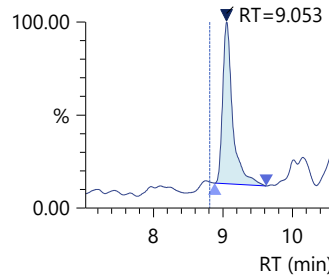
Conc. 7.9377

Area 119049

R#1 13.72 (0.00)

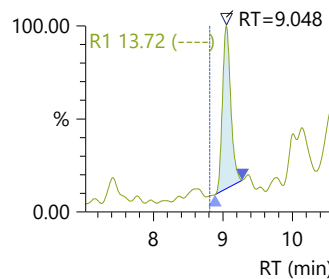
Q 245.25>227.10 (+)

1.33e4



R1 245.25>97.10 (+)

2.19e3



Folic Acid_B9

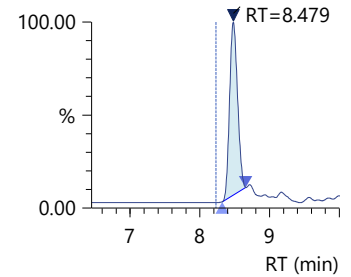
Conc. 3.6972

Area 9447

R#1 40.93 (0.00)

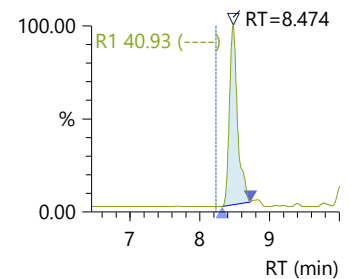
Q 442.30>295.20 (+)

1.24e3



R1 442.30>176.20 (+)

4.76e2



Cynocobalmine_B12

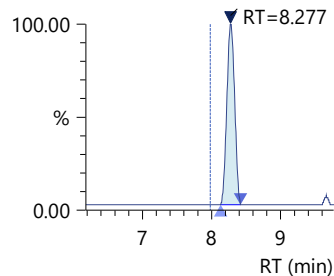
Conc. 3.8311

Area 606

R#1 10.56 (0.00)

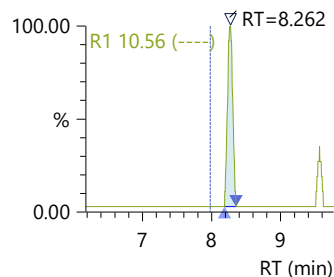
Q 678.50>147.00 (+)

7.70e1



R1 678.50>359.00 (+)

1.20e1



WSV_Blank_18_35

Sample ID: Blank_18

Date Acquired: 10/21/2023 2:31:51 AM

Acquired by: System Administrator

Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm

Data File: WSV_Blank_18_35

Vial: 1 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1 Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	1.911	63164	0.00	12.4264	1.00000
Riboflavin_B2	9.238	18713	48.45	5.9376	1.00000
Nicotinic Acid_B3	----	----	0.00	----	1.00000
Nicotinamide_B3	6.510	109179	34.44	-10.6168	1.00000
Pantothenic Acid_B5	7.535	218207	30.82	62.0783	1.00000
Pyridoxin_B6	----	----	0.00	----	1.00000
Biotin_B7	9.052	105344	17.86	7.0038	1.00000
Folic Acid_B9	8.484	10708	47.73	4.4252	1.00000
Cynocobalmine_B12	8.257	329	0.00	3.4162	1.00000

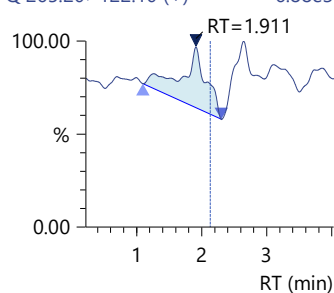
Thiamine_B1

Conc. 12.4264

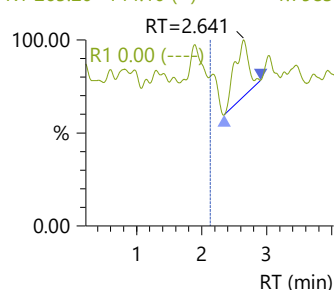
Area 63164

R#1 0.00 (0.00)

Q 265.20>122.10 (+)



R1 265.20>144.10 (+)



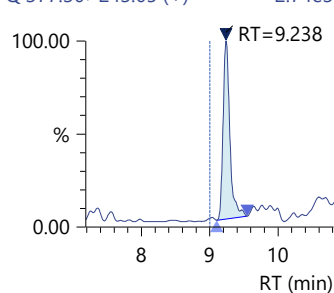
Riboflavin_B2

Conc. 5.9376

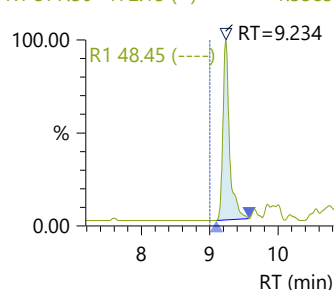
Area 18713

R#1 48.45 (0.00)

Q 377.30>243.05 (+)



R1 377.30>172.15 (+)



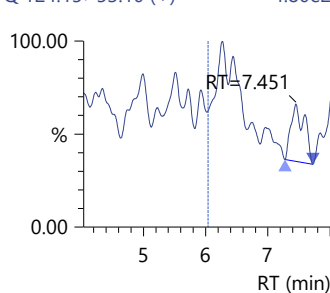
Nicotinic Acid_B3

Conc. ----

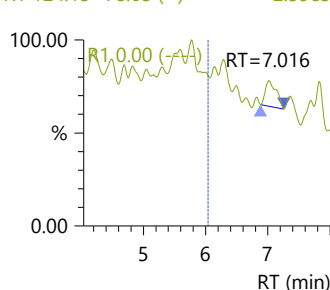
Area ----

R#1 0.00 (0.00)

Q 124.15>53.10 (+)



R1 124.15>78.05 (+)



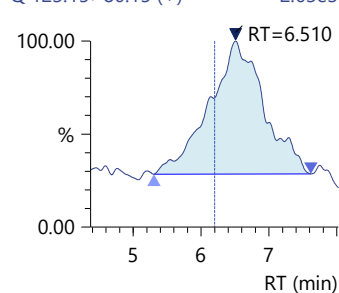
Nicotinamide_B3

Conc. -10.6168

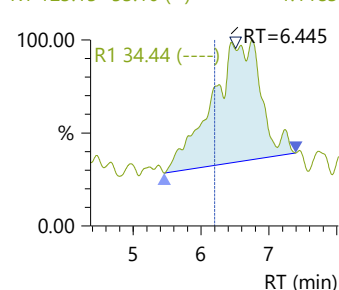
Area 109179

R#1 34.44 (0.00)

Q 123.15>80.15 (+)



R1 123.15>53.10 (+)



WSV_Blank_18_35 (continued)

Pantothenic Acid_B5

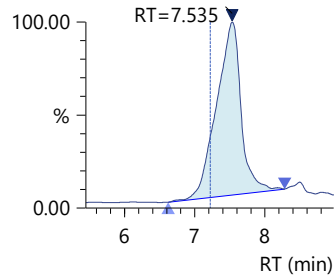
Conc. 62.0783

Area 218207

R#1 30.82 (0.00)

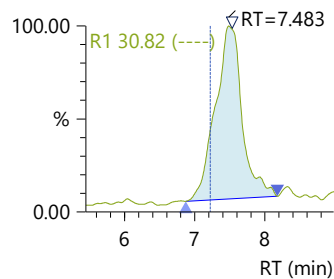
Q 220.20>90.10 (+)

9.34e3



R1 220.20>72.00 (+)

2.64e3



Pyridoxin_B6

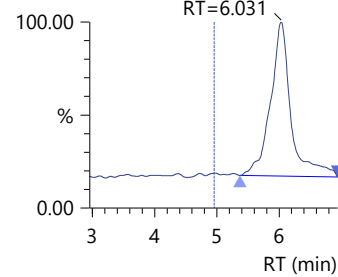
Conc. ----

Area ----

R#1 0.00 (0.00)

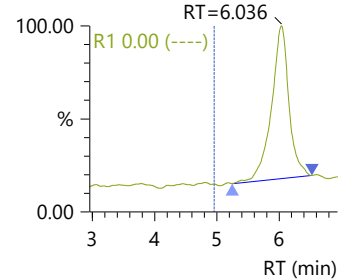
Q 170.25>152.20 (+)

1.83e4



R1 170.25>134.10 (+)

1.82e4



Biotin_B7

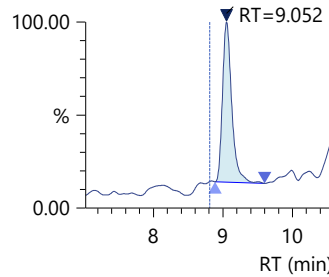
Conc. 7.0038

Area 105344

R#1 17.86 (0.00)

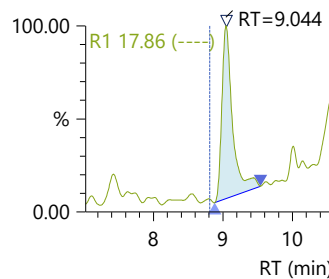
Q 245.25>227.10 (+)

1.28e4



R1 245.25>97.10 (+)

1.84e3



Folic Acid_B9

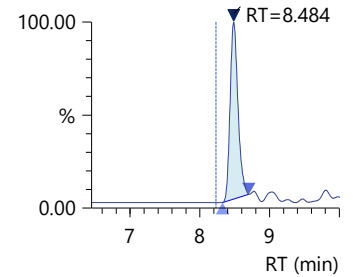
Conc. 4.4252

Area 10708

R#1 47.73 (0.00)

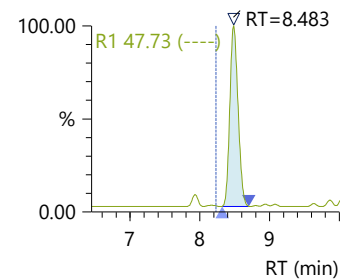
Q 442.30>295.20 (+)

1.38e3



R1 442.30>176.20 (+)

6.19e2



Cynocobalmine_B12

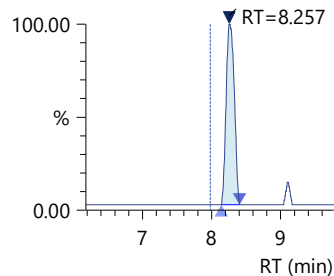
Conc. 3.4162

Area 329

R#1 0.00 (0.00)

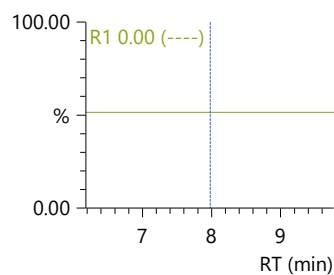
Q 678.50>147.00 (+)

4.00e1



R1 678.50>359.00 (+)

0.00e0



WSV_CC_01_13

Sample ID: 10ppb
Date Acquired: 10/7/2023 6:41:23 PM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_CC_01_13
Vial: 2 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1 Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	2.162	1214273	27.01	18.8464	1.00000
Riboflavin_B2	9.007	45638	31.64	11.8719	1.00000
Nicotinic Acid_B3	5.667	4944	0.00	3.4708	1.00000
Nicotinamide_B3	5.677	211993	41.86	-4.1012	1.00000
Pantothenic Acid_B5	7.228	47518	21.82	12.1098	1.00000
Pyridoxin_B6	4.590	777356	110.18	5.5979	1.00000
Biotin_B7	8.819	175328	15.19	11.7726	1.00000
Folic Acid_B9	8.229	19326	33.24	9.4023	1.00000
Cynocobalmine_B12	7.986	6065	10.68	12.0197	1.00000

Thiamine_B1

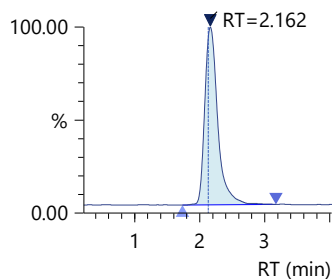
Conc. 18.8464

Area 1214273

R#1 27.01 (0.00)

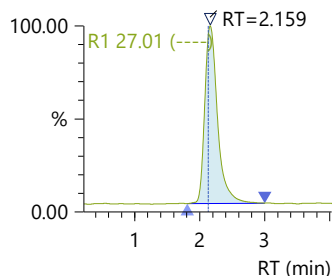
Q 265.20>122.10 (+)

8.85e4



R1 265.20>144.10 (+)

2.43e4



Riboflavin_B2

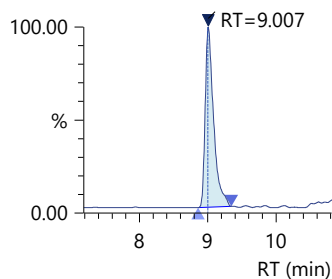
Conc. 11.8719

Area 45638

R#1 31.64 (0.00)

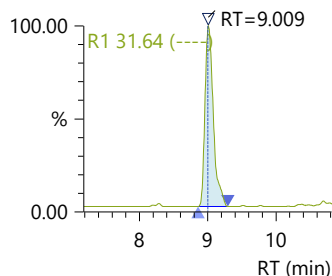
Q 377.30>243.05 (+)

5.32e3



R1 377.30>172.15 (+)

1.69e3



Nicotinic Acid_B3

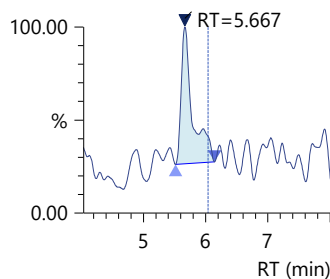
Conc. 3.4708

Area 4944

R#1 0.00 (0.00)

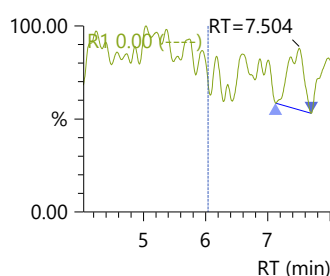
Q 124.15>53.10 (+)

5.13e2



R1 124.15>78.05 (+)

1.07e3



Nicotinamide_B3

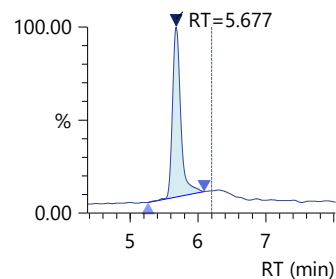
Conc. -4.1012

Area 211993

R#1 41.86 (0.00)

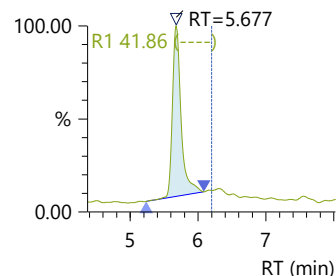
Q 123.15>80.15 (+)

2.70e4



R1 123.15>53.10 (+)

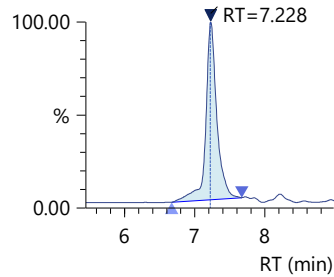
1.07e4



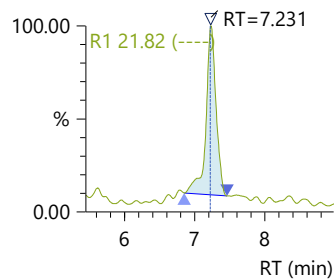
WSV_CC_01_13 (continued)

Pantothenic Acid_B5

Conc. 12.1098
Area 47518
R#1 21.82 (0.00)
Q 220.20>90.10 (+) 4.40e3

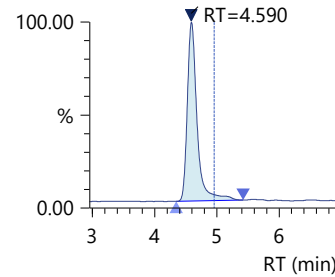


R1 220.20>72.00 (+) 1.10e3

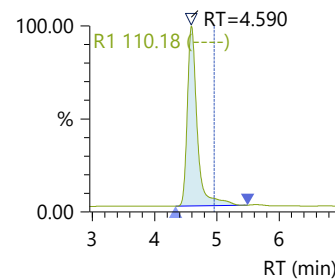


Pyridoxin_B6

Conc. 5.5979
Area 777356
R#1 110.18 (0.00)
Q 170.25>152.20 (+) 7.14e4

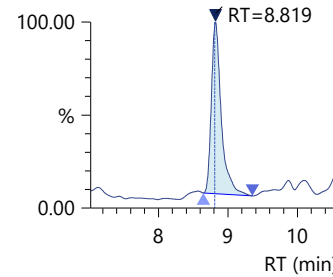


R1 170.25>134.10 (+) 7.77e4

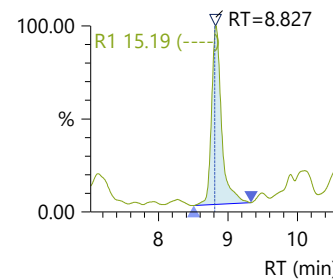


Biotin_B7

Conc. 11.7726
Area 175328
R#1 15.19 (0.00)
Q 245.25>227.10 (+) 1.87e4

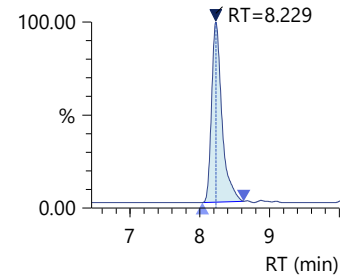


R1 245.25>97.10 (+) 2.69e3

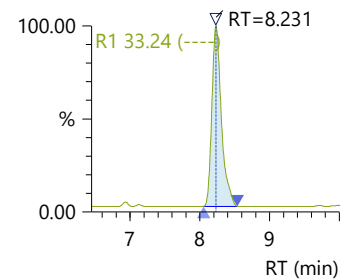


Folic Acid_B9

Conc. 9.4023
Area 19326
R#1 33.24 (0.00)
Q 442.30>295.20 (+) 1.88e3

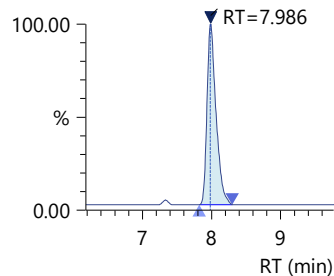


R1 442.30>176.20 (+) 6.74e2

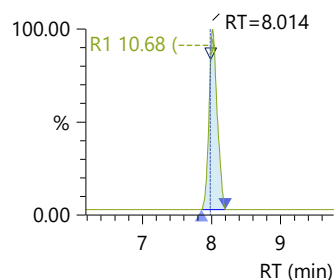


Cynocobalmine_B12

Conc. 12.0197
Area 6065
R#1 10.68 (0.00)
Q 678.50>147.00 (+) 6.66e2



R1 678.50>359.00 (+) 7.80e1



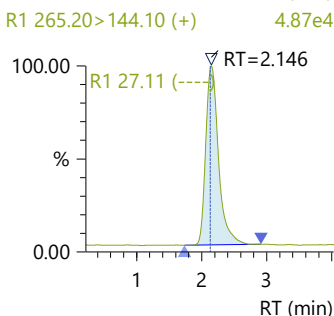
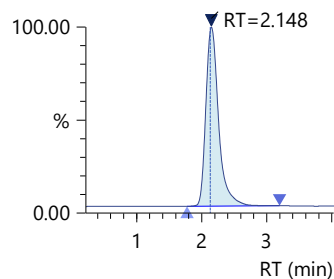
WSV_CC_02_14

Sample ID: 20ppb
Date Acquired: 10/7/2023 6:56:53 PM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_CC_02_14
Vial: 3 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1 Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	2.148	2436687	27.11	25.6640	1.00000
Riboflavin_B2	9.006	87161	37.63	21.0239	1.00000
Nicotinic Acid_B3	5.671	4774	68.45	2.6441	1.00000
Nicotinamide_B3	5.668	428925	46.99	9.6462	1.00000
Pantothenic Acid_B5	7.222	77087	23.64	20.7660	1.00000
Pyridoxin_B6	4.564	1567319	110.03	16.5282	1.00000
Biotin_B7	8.816	326727	15.84	22.0893	1.00000
Folic Acid_B9	8.223	36627	31.84	19.3938	1.00000
Cynocobalmine_B12	7.994	15974	9.15	26.8814	1.00000

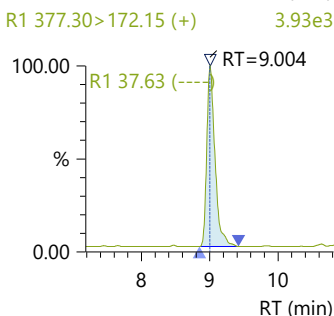
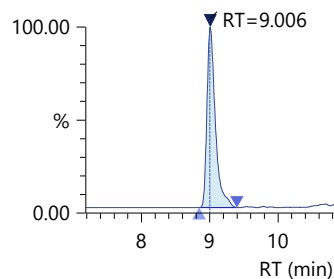
Thiamine_B1

Conc. 25.6640
Area 2436687
R#1 27.11 (0.00)
Q 265.20>122.10 (+)



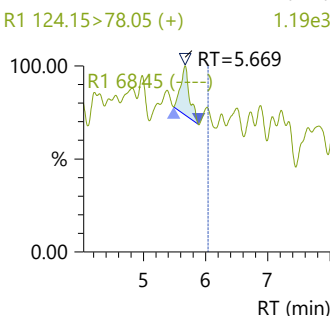
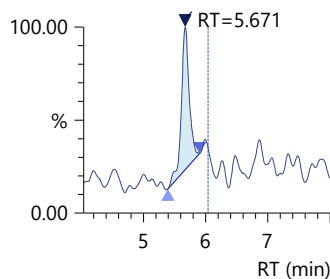
Riboflavin_B2

Conc. 21.0239
Area 87161
R#1 37.63 (0.00)
Q 377.30>243.05 (+)



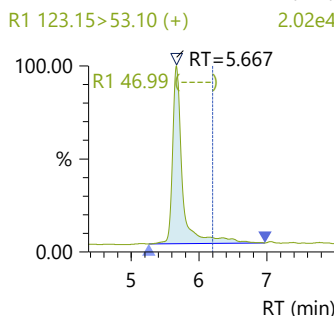
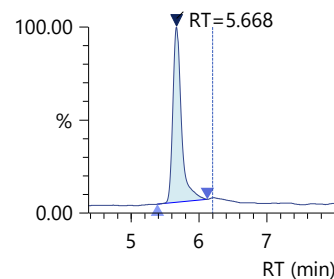
Nicotinic Acid_B3

Conc. 2.6441
Area 4774
R#1 68.45 (0.00)
Q 124.15>53.10 (+)



Nicotinamide_B3

Conc. 9.6462
Area 428925
R#1 46.99 (0.00)
Q 123.15>80.15 (+)



WSV_CC_02_14 (continued)

Pantothenic Acid_B5

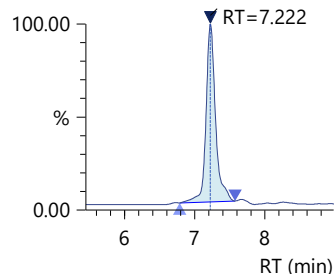
Conc. 20.7660

Area 77087

R#1 23.64 (0.00)

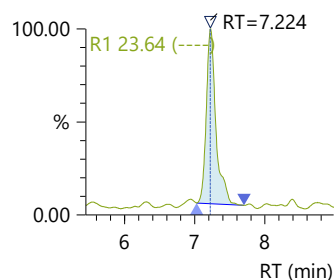
Q 220.20>90.10 (+)

8.29e3



R1 220.20>72.00 (+)

1.97e3



Pyridoxin_B6

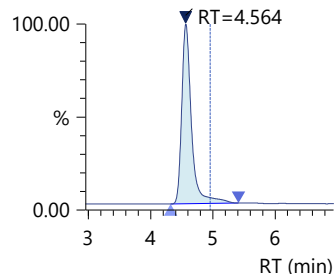
Conc. 16.5282

Area 1567319

R#1 110.03 (0.00)

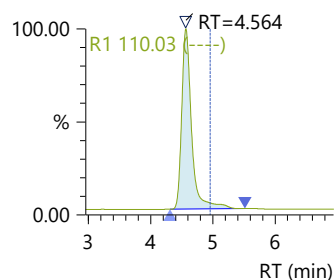
Q 170.25>152.20 (+)

1.44e5



R1 170.25>134.10 (+)

1.56e5



Biotin_B7

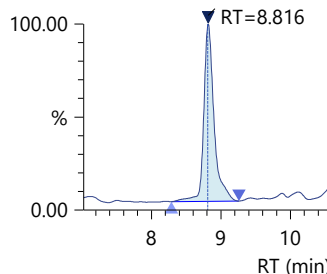
Conc. 22.0893

Area 326727

R#1 15.84 (0.00)

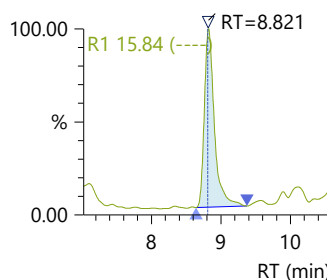
Q 245.25>227.10 (+)

3.25e4



R1 245.25>97.10 (+)

5.20e3



Folic Acid_B9

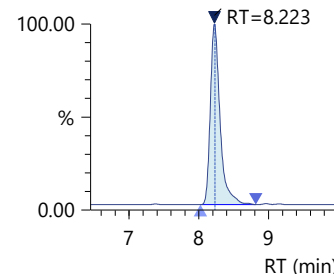
Conc. 19.3938

Area 36627

R#1 31.84 (0.00)

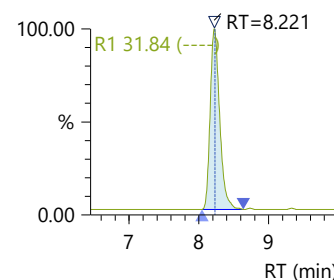
Q 442.30>295.20 (+)

3.76e3



R1 442.30>176.20 (+)

1.23e3



Cynocobalmine_B12

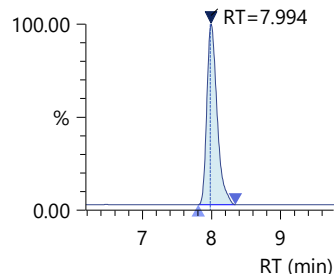
Conc. 26.8814

Area 15974

R#1 9.15 (0.00)

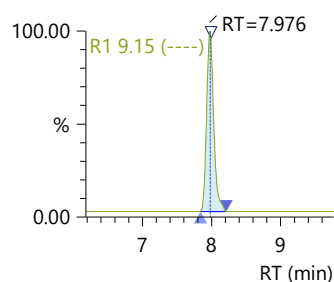
Q 678.50>147.00 (+)

1.55e3



R1 678.50>359.00 (+)

2.04e2



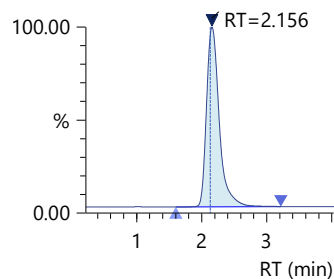
WSV_CC_03_15

Sample ID: 30ppb
Date Acquired: 10/7/2023 7:12:26 PM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_CC_03_15
Vial: 4 | Inj. Volume: 5.0000uL | Tray: 1

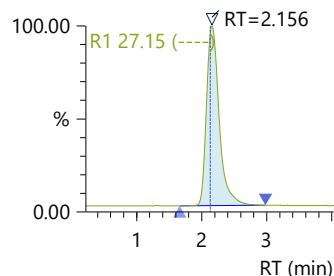
Name	Found RT	Area	Ref 1 Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	2.156	4350882	27.15	36.3399	1.00000
Riboflavin_B2	9.002	129097	38.41	30.2667	1.00000
Nicotinic Acid_B3	5.669	12213	33.22	38.9463	1.00000
Nicotinamide_B3	5.671	680799	39.55	25.6081	1.00000
Pantothenic Acid_B5	7.223	111141	22.65	30.7350	1.00000
Pyridoxin_B6	4.571	2326650	111.97	27.0346	1.00000
Biotin_B7	8.815	436553	15.67	29.5731	1.00000
Folic Acid_B9	8.222	55092	30.20	30.0577	1.00000
Cynocobalmine_B12	7.984	16470	18.14	27.6249	1.00000

Thiamine_B1

Conc. 36.3399
Area 4350882
R#1 27.15 (0.00)
Q 265.20>122.10 (+)

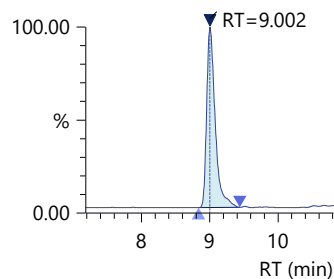


R1 265.20>144.10 (+) 8.74e4

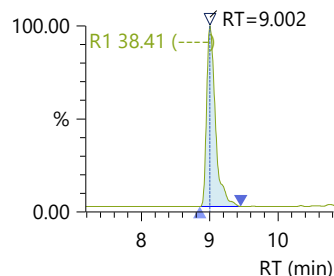


Riboflavin_B2

Conc. 30.2667
Area 129097
R#1 38.41 (0.00)
Q 377.30>243.05 (+)

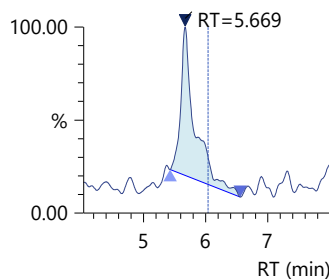


R1 377.30>172.15 (+) 5.51e3

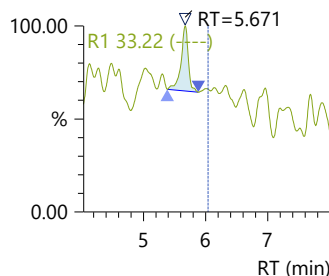


Nicotinic Acid_B3

Conc. 38.9463
Area 12213
R#1 33.22 (0.00)
Q 124.15>53.10 (+)

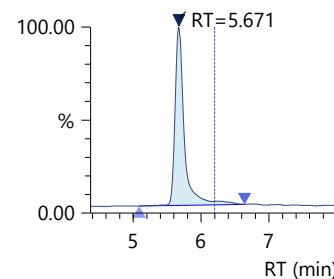


R1 124.15>78.05 (+) 1.39e3

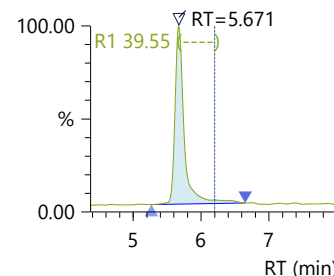


Nicotinamide_B3

Conc. 25.6081
Area 680799
R#1 39.55 (0.00)
Q 123.15>80.15 (+)



R1 123.15>53.10 (+) 2.91e4



WSV_CC_03_15 (continued)

Pantothenic Acid_B5

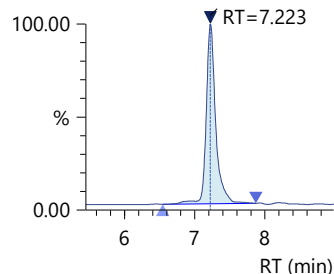
Conc. 30.7350

Area 111141

R#1 22.65 (0.00)

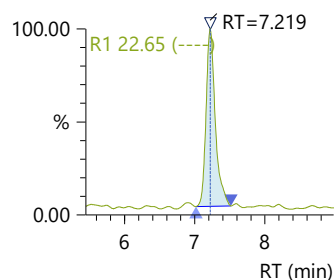
Q 220.20>90.10 (+)

1.18e4



R1 220.20>72.00 (+)

2.79e3



Pyridoxin_B6

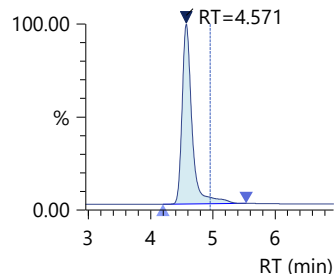
Conc. 27.0346

Area 2326650

R#1 111.97 (0.00)

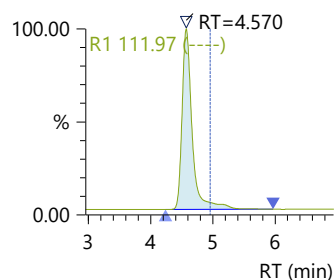
Q 170.25>152.20 (+)

2.09e5



R1 170.25>134.10 (+)

2.29e5



Biotin_B7

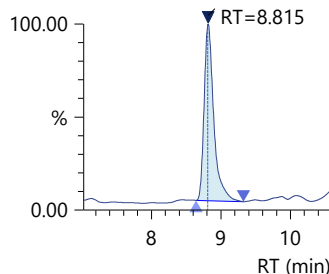
Conc. 29.5731

Area 436553

R#1 15.67 (0.00)

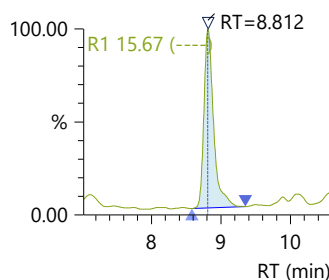
Q 245.25>227.10 (+)

4.62e4



R1 245.25>97.10 (+)

7.12e3



Folic Acid_B9

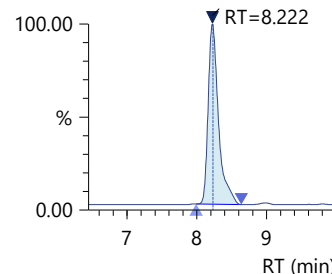
Conc. 30.0577

Area 55092

R#1 30.20 (0.00)

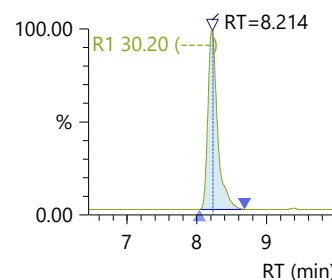
Q 442.30>295.20 (+)

5.34e3



R1 442.30>176.20 (+)

1.74e3



Cynocobalmine_B12

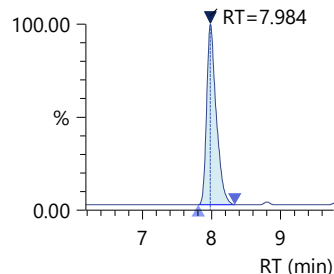
Conc. 27.6249

Area 16470

R#1 18.14 (0.00)

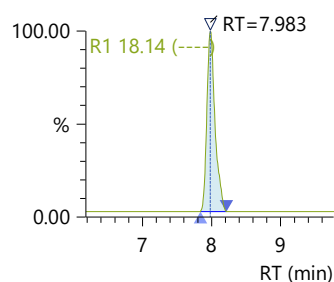
Q 678.50>147.00 (+)

1.71e3



R1 678.50>359.00 (+)

3.62e2



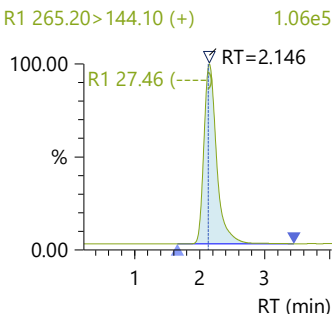
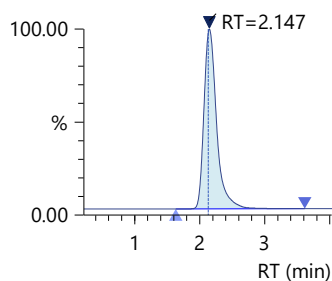
WSV_CC_04_16

Sample ID: 40ppb
Date Acquired: 10/7/2023 7:27:57 PM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_CC_04_16
Vial: 5 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1 Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	2.147	5229715	27.46	41.2414	1.00000
Riboflavin_B2	9.001	179570	36.20	41.3913	1.00000
Nicotinic Acid_B3	5.660	11885	0.00	37.3419	1.00000
Nicotinamide_B3	5.664	902266	35.30	39.6430	1.00000
Pantothenic Acid_B5	7.221	148049	21.68	41.5396	1.00000
Pyridoxin_B6	4.568	3130510	111.72	38.1572	1.00000
Biotin_B7	8.814	599629	14.56	40.6854	1.00000
Folic Acid_B9	8.219	69947	30.57	38.6367	1.00000
Cynocobalmine_B12	8.001	25101	15.16	40.5708	1.00000

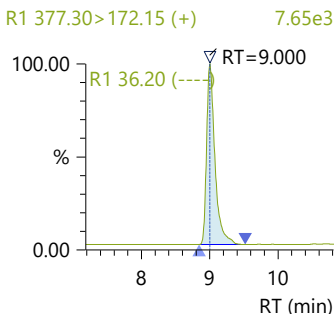
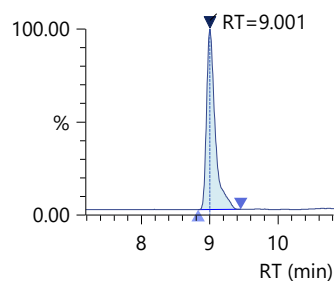
Thiamine_B1

Conc. 41.2414
Area 5229715
R#1 27.46 (0.00)
Q 265.20>122.10 (+)



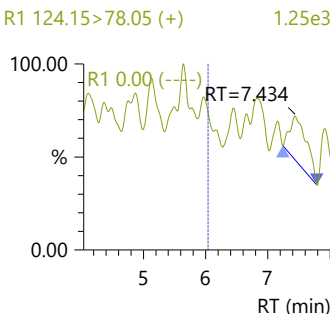
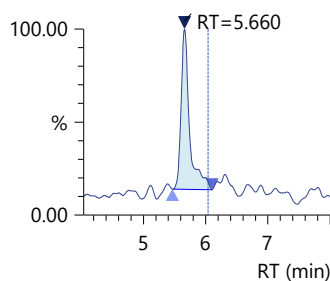
Riboflavin_B2

Conc. 41.3913
Area 179570
R#1 36.20 (0.00)
Q 377.30>243.05 (+)



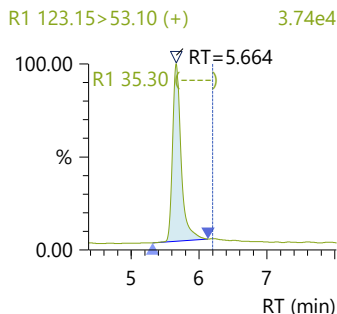
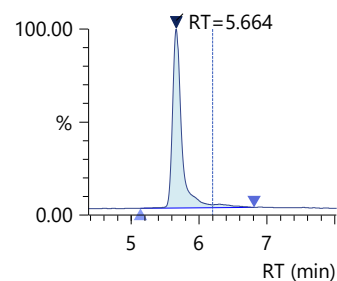
Nicotinic Acid_B3

Conc. 37.3419
Area 11885
R#1 0.00 (0.00)
Q 124.15>53.10 (+)



Nicotinamide_B3

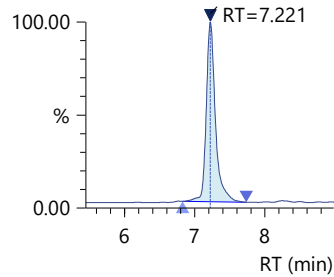
Conc. 39.6430
Area 902266
R#1 35.30 (0.00)
Q 123.15>80.15 (+)



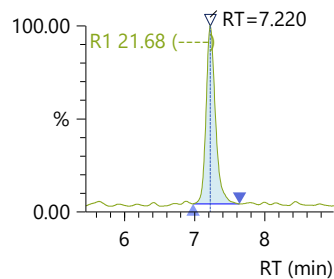
WSV_CC_04_16 (continued)

Pantothenic Acid_B5

Conc. 41.5396
Area 148049
R#1 21.68 (0.00)
Q 220.20>90.10 (+) 1.63e4

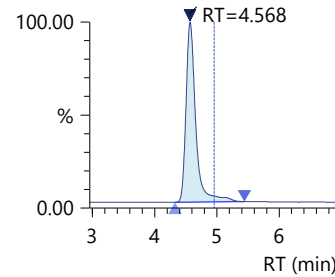


R1 220.20>72.00 (+) 3.51e3

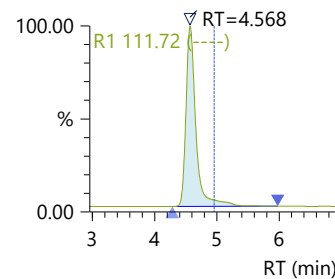


Pyridoxin_B6

Conc. 38.1572
Area 3130510
R#1 111.72 (0.00)
Q 170.25>152.20 (+) 2.88e5

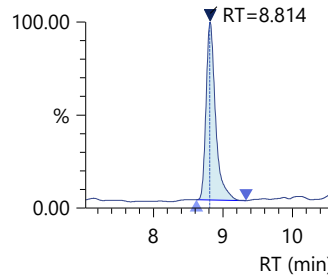


R1 170.25>134.10 (+) 3.14e5

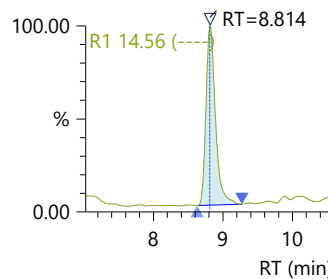


Biotin_B7

Conc. 40.6854
Area 599629
R#1 14.56 (0.00)
Q 245.25>227.10 (+) 6.45e4

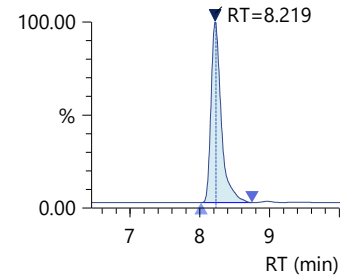


R1 245.25>97.10 (+) 9.34e3

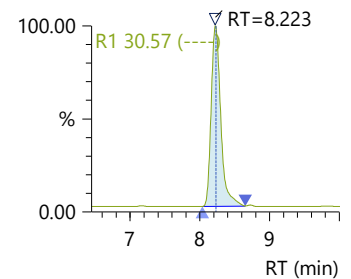


Folic Acid_B9

Conc. 38.6367
Area 69947
R#1 30.57 (0.00)
Q 442.30>295.20 (+) 6.83e3

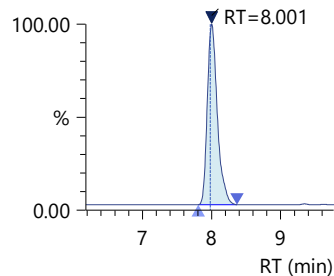


R1 442.30>176.20 (+) 2.24e3

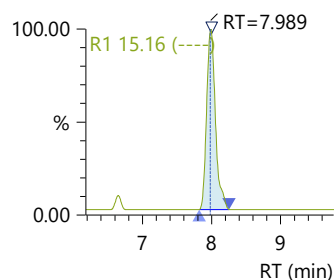


Cynocobalmine_B12

Conc. 40.5708
Area 25101
R#1 15.16 (0.00)
Q 678.50>147.00 (+) 2.48e3



R1 678.50>359.00 (+) 4.27e2



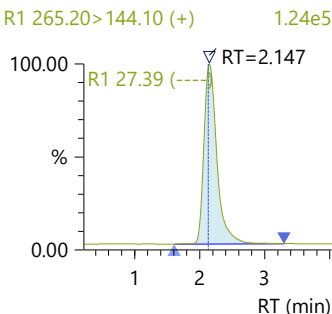
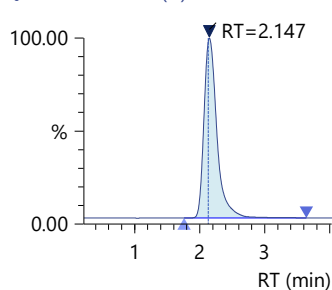
WSV_CC_05_17

Sample ID: 50ppb
Date Acquired: 10/7/2023 7:43:27 PM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_CC_05_17
Vial: 6 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1 Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	2.147	6251978	27.39	46.9428	1.00000
Riboflavin_B2	8.992	219031	40.53	50.0886	1.00000
Nicotinic Acid_B3	5.651	10832	36.78	32.2068	1.00000
Nicotinamide_B3	5.655	1098420	36.49	52.0737	1.00000
Pantothenic Acid_B5	7.208	177834	24.11	50.2593	1.00000
Pyridoxin_B6	4.550	3962245	109.66	49.6654	1.00000
Biotin_B7	8.805	707663	16.43	48.0470	1.00000
Folic Acid_B9	8.210	92363	26.88	51.5824	1.00000
Cynocobalmine_B12	7.986	35014	9.82	55.4392	1.00000

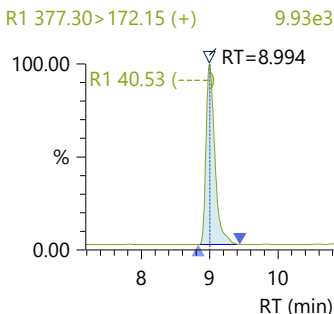
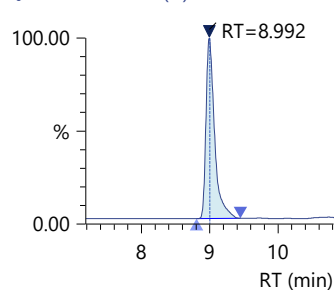
Thiamine_B1

Conc. 46.9428
Area 6251978
R#1 27.39 (0.00)
Q 265.20>122.10 (+)



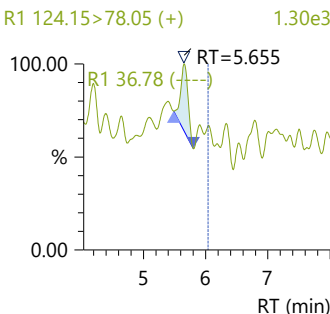
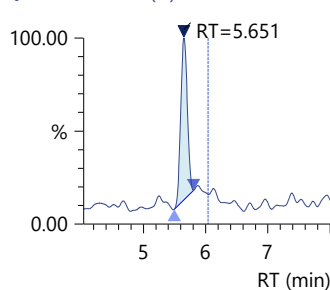
Riboflavin_B2

Conc. 50.0886
Area 219031
R#1 40.53 (0.00)
Q 377.30>243.05 (+)



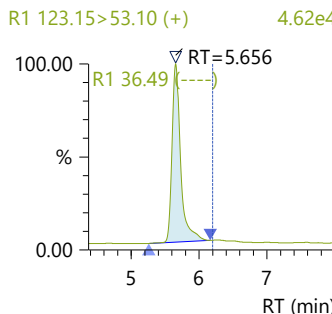
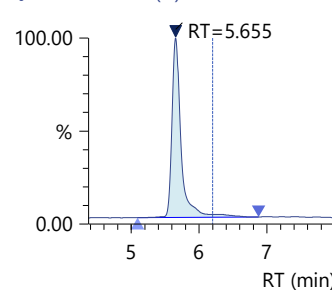
Nicotinic Acid_B3

Conc. 32.2068
Area 10832
R#1 36.78 (0.00)
Q 124.15>53.10 (+)



Nicotinamide_B3

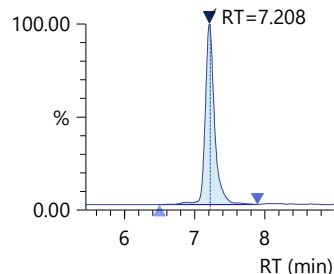
Conc. 52.0737
Area 1098420
R#1 36.49 (0.00)
Q 123.15>80.15 (+)



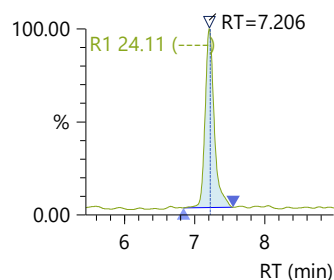
WSV_CC_05_17 (continued)

Pantothenic Acid_B5

Conc. 50.2593
Area 177834
R#1 24.11 (0.00)
Q 220.20>90.10 (+) 1.92e4

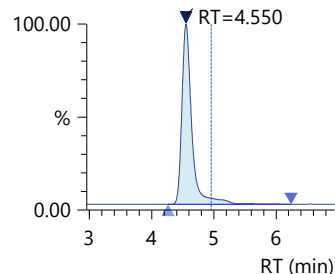


R1 220.20>72.00 (+) 4.79e3

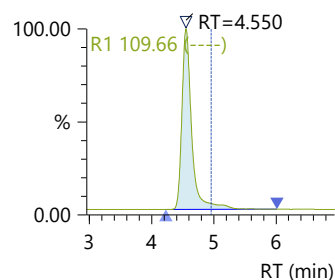


Pyridoxin_B6

Conc. 49.6654
Area 3962245
R#1 109.66 (0.00)
Q 170.25>152.20 (+) 3.56e5

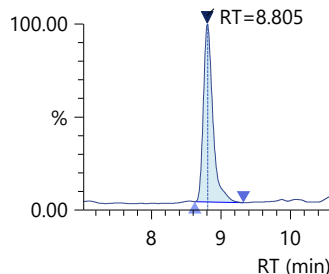


R1 170.25>134.10 (+) 3.94e5

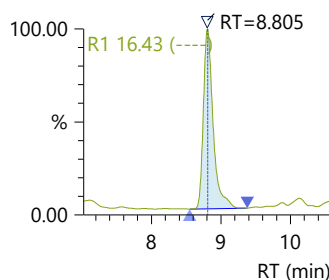


Biotin_B7

Conc. 48.0470
Area 707663
R#1 16.43 (0.00)
Q 245.25>227.10 (+) 7.56e4

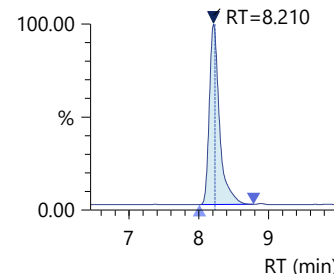


R1 245.25>97.10 (+) 1.20e4

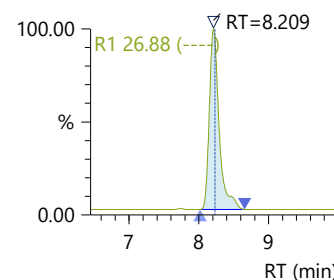


Folic Acid_B9

Conc. 51.5824
Area 92363
R#1 26.88 (0.00)
Q 442.30>295.20 (+) 9.13e3

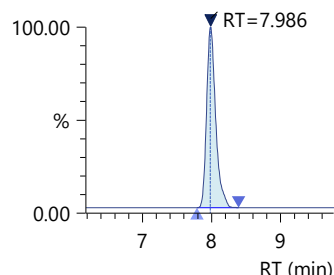


R1 442.30>176.20 (+) 2.53e3

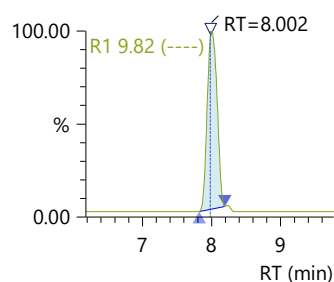


Cynocobalmine_B12

Conc. 55.4392
Area 35014
R#1 9.82 (0.00)
Q 678.50>147.00 (+) 3.83e3



R1 678.50>359.00 (+) 3.51e2



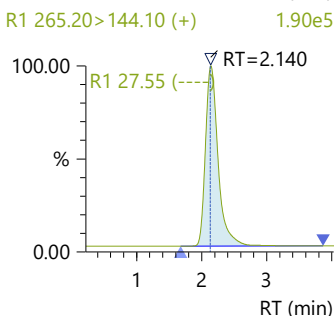
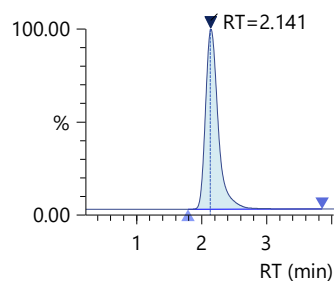
WSV_CC_06_18

Sample ID: 70ppb
Date Acquired: 10/7/2023 7:58:59 PM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_CC_06_18
Vial: 7 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1 Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	2.141	9346349	27.55	64.2008	1.00000
Riboflavin_B2	8.988	302756	39.26	68.5419	1.00000
Nicotinic Acid_B3	5.644	19069	28.88	72.4017	1.00000
Nicotinamide_B3	5.650	1470853	36.96	75.6757	1.00000
Pantothenic Acid_B5	7.206	237363	25.26	67.6860	1.00000
Pyridoxin_B6	4.533	5568740	109.70	71.8935	1.00000
Biotin_B7	8.800	1024704	14.95	69.6509	1.00000
Folic Acid_B9	8.203	121448	35.20	68.3791	1.00000
Cynocobalmine_B12	7.980	45206	13.43	70.7252	1.00000

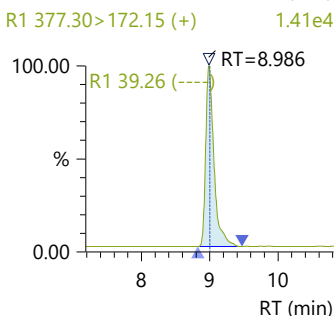
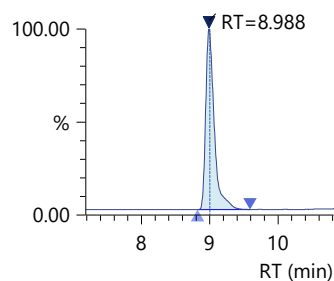
Thiamine_B1

Conc. 64.2008
Area 9346349
R#1 27.55 (0.00)
Q 265.20>122.10 (+)



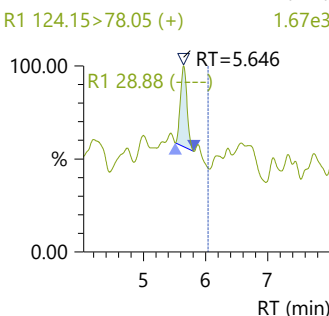
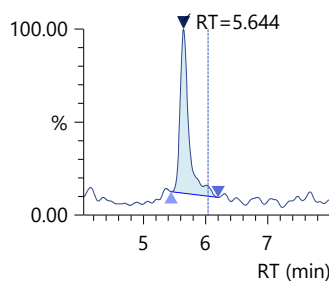
Riboflavin_B2

Conc. 68.5419
Area 302756
R#1 39.26 (0.00)
Q 377.30>243.05 (+)



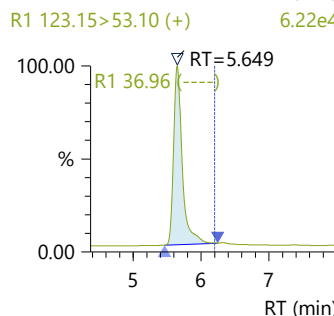
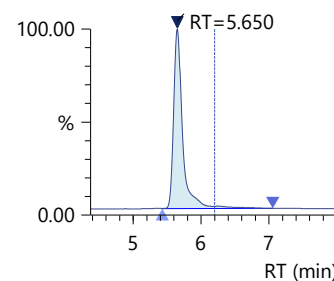
Nicotinic Acid_B3

Conc. 72.4017
Area 19069
R#1 28.88 (0.00)
Q 124.15>53.10 (+)



Nicotinamide_B3

Conc. 75.6757
Area 1470853
R#1 36.96 (0.00)
Q 123.15>80.15 (+)



WSV_CC_06_18 (continued)

Pantothenic Acid_B5

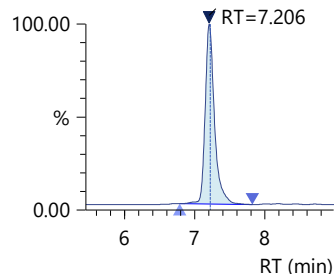
Conc. 67.6860

Area 237363

R#1 25.26 (0.00)

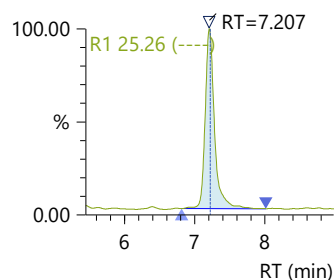
Q 220.20>90.10 (+)

2.58e4



R1 220.20>72.00 (+)

6.50e3



Pyridoxin_B6

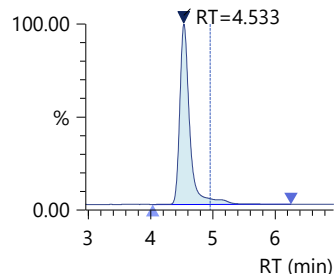
Conc. 71.8935

Area 5568740

R#1 109.70 (0.00)

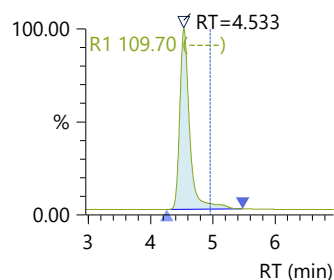
Q 170.25>152.20 (+)

4.95e5



R1 170.25>134.10 (+)

5.47e5



Biotin_B7

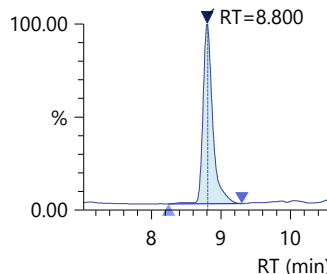
Conc. 69.6509

Area 1024704

R#1 14.95 (0.00)

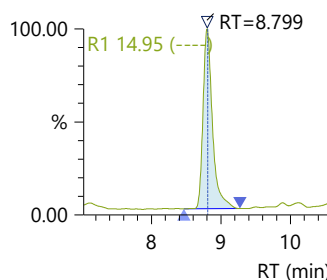
Q 245.25>227.10 (+)

1.06e5



R1 245.25>97.10 (+)

1.63e4



Folic Acid_B9

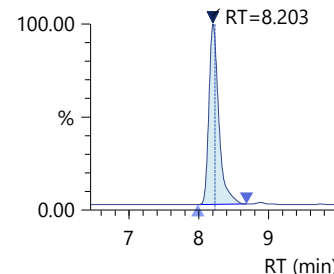
Conc. 68.3791

Area 121448

R#1 35.20 (0.00)

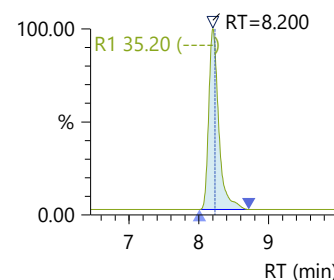
Q 442.30>295.20 (+)

1.23e4



R1 442.30>176.20 (+)

4.29e3



Cynocobalmine_B12

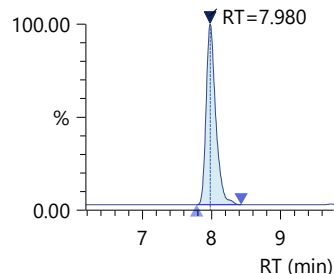
Conc. 70.7252

Area 45206

R#1 13.43 (0.00)

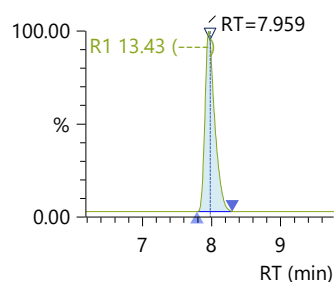
Q 678.50>147.00 (+)

4.67e3



R1 678.50>359.00 (+)

6.21e2



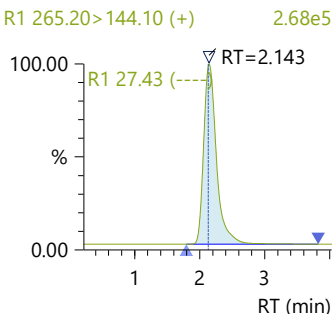
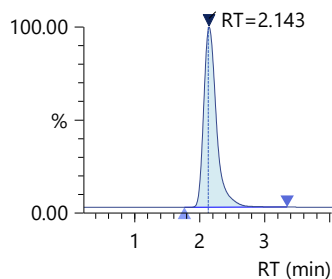
WSV_CC_07_19

Sample ID: 100ppb
Date Acquired: 10/7/2023 8:14:30 PM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_CC_07_19
Vial: 8 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1 Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	2.143	13397264	27.43	86.7936	1.00000
Riboflavin_B2	8.987	419111	39.99	94.1872	1.00000
Nicotinic Acid_B3	5.637	27651	37.02	114.2796	1.00000
Nicotinamide_B3	5.643	2055178	38.30	112.7058	1.00000
Pantothenic Acid_B5	7.205	343386	24.88	98.7237	1.00000
Pyridoxin_B6	4.529	7928546	109.64	104.5448	1.00000
Biotin_B7	8.801	1439915	14.92	97.9442	1.00000
Folic Acid_B9	8.205	185355	30.56	105.2866	1.00000
Cynocobalmine_B12	7.982	54200	15.29	84.2160	1.00000

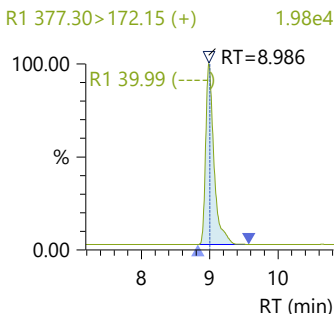
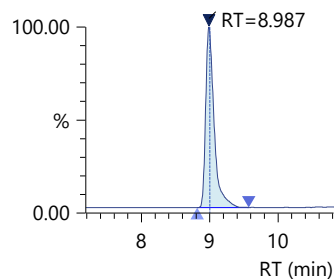
Thiamine_B1

Conc. 86.7936
Area 13397264
R#1 27.43 (0.00)
Q 265.20>122.10 (+)



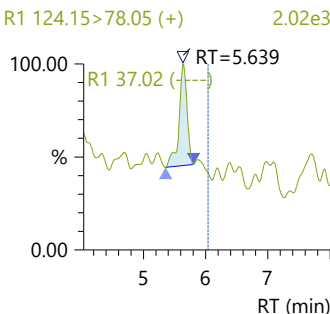
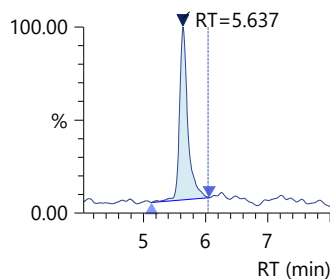
Riboflavin_B2

Conc. 94.1872
Area 419111
R#1 39.99 (0.00)
Q 377.30>243.05 (+)



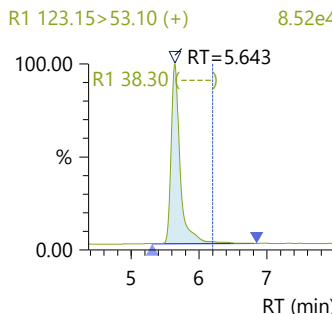
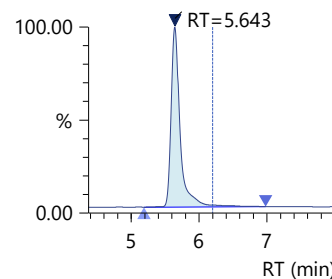
Nicotinic Acid_B3

Conc. 114.2796
Area 27651
R#1 37.02 (0.00)
Q 124.15>53.10 (+)



Nicotinamide_B3

Conc. 112.7058
Area 2055178
R#1 38.30 (0.00)
Q 123.15>80.15 (+)



WSV_CC_07_19 (continued)

Pantothenic Acid_B5

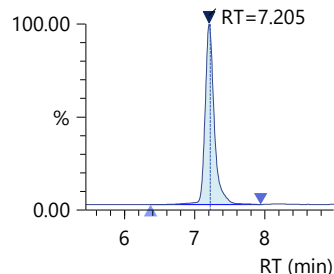
Conc. 98.7237

Area 343386

R#1 24.88 (0.00)

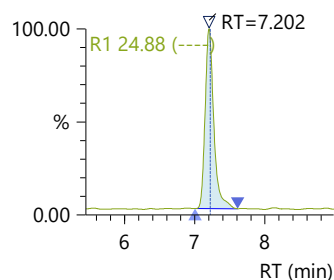
Q 220.20>90.10 (+)

3.78e4



R1 220.20>72.00 (+)

9.99e3



Pyridoxin_B6

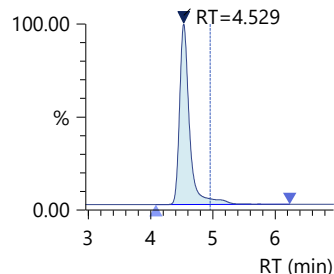
Conc. 104.5448

Area 7928546

R#1 109.64 (0.00)

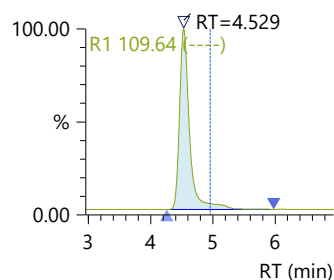
Q 170.25>152.20 (+)

7.04e5



R1 170.25>134.10 (+)

7.72e5



Biotin_B7

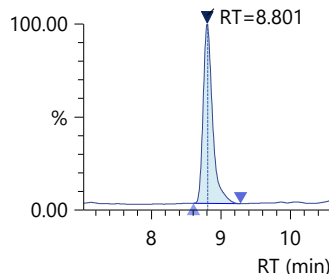
Conc. 97.9442

Area 1439915

R#1 14.92 (0.00)

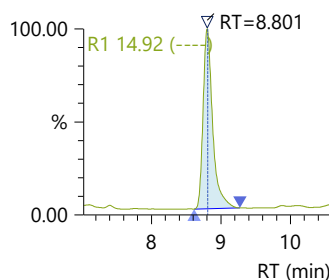
Q 245.25>227.10 (+)

1.54e5



R1 245.25>97.10 (+)

2.25e4



Folic Acid_B9

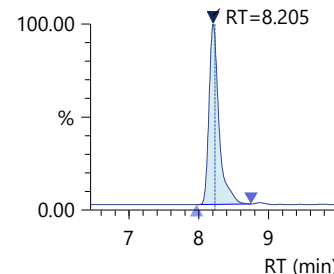
Conc. 105.2866

Area 185355

R#1 30.56 (0.00)

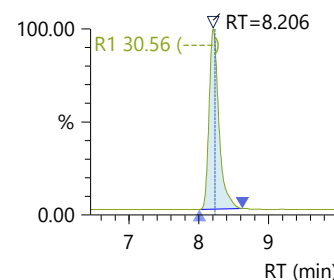
Q 442.30>295.20 (+)

1.87e4



R1 442.30>176.20 (+)

5.78e3



Cynocobalmine_B12

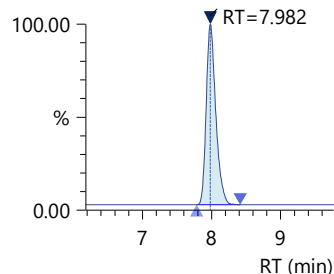
Conc. 84.2160

Area 54200

R#1 15.29 (0.00)

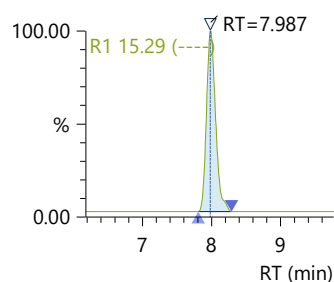
Q 678.50>147.00 (+)

5.64e3



R1 678.50>359.00 (+)

8.99e2



WSV_CC_08_20

Sample ID: 200ppb
Date Acquired: 10/7/2023 8:30:03 PM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_CC_08_20
Vial: 9 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1 Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	2.134	32827261	27.11	195.1591	1.00000
Riboflavin_B2	9.002	910360	37.81	202.4605	1.00000
Nicotinic Acid_B3	5.649	51917	36.41	232.7016	1.00000
Nicotinamide_B3	5.652	3729938	38.99	218.8393	1.00000
Pantothenic Acid_B5	7.216	677198	24.97	196.4456	1.00000
Pyridoxin_B6	4.524	15690648	110.17	211.9445	1.00000
Biotin_B7	8.815	2931012	15.14	199.5506	1.00000
Folic Acid_B9	8.221	343897	33.63	196.8469	1.00000
Cynocobalmine_B12	7.997	131652	16.86	200.3838	1.00000

Thiamine_B1

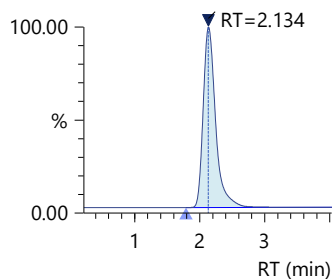
Conc. 195.1591

Area 32827261

R#1 27.11 (0.00)

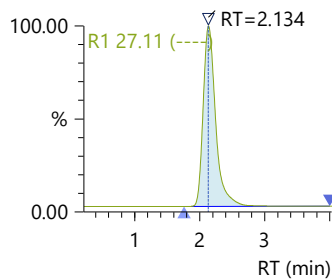
Q 265.20>122.10 (+)

2.46e6



R1 265.20>144.10 (+)

6.64e5



Riboflavin_B2

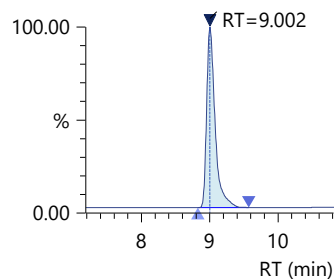
Conc. 202.4605

Area 910360

R#1 37.81 (0.00)

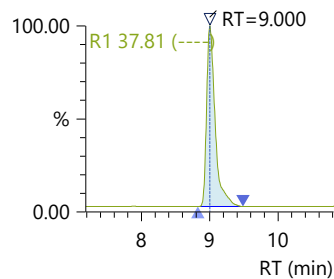
Q 377.30>243.05 (+)

1.06e5



R1 377.30>172.15 (+)

3.95e4



Nicotinic Acid_B3

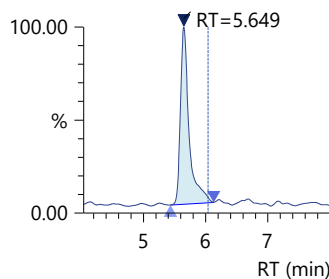
Conc. 232.7016

Area 51917

R#1 36.41 (0.00)

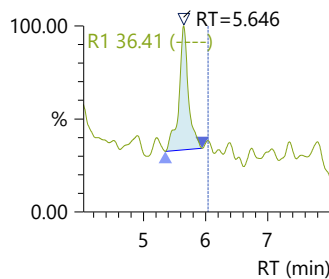
Q 124.15>53.10 (+)

5.46e3



R1 124.15>78.05 (+)

2.60e3



Nicotinamide_B3

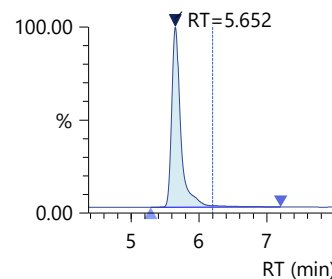
Conc. 218.8393

Area 3729938

R#1 38.99 (0.00)

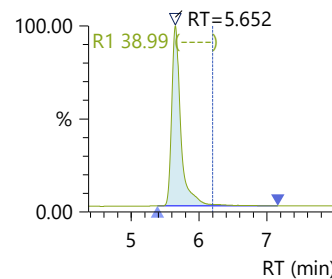
Q 123.15>80.15 (+)

3.98e5



R1 123.15>53.10 (+)

1.55e5



WSV_CC_08_20 (continued)

Pantothenic Acid_B5

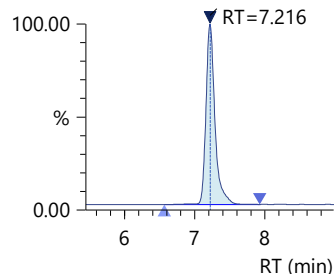
Conc. 196.4456

Area 677198

R#1 24.97 (0.00)

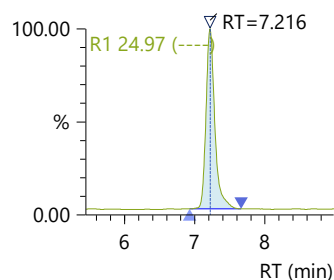
Q 220.20>90.10 (+)

7.59e4



R1 220.20>72.00 (+)

1.94e4



Pyridoxin_B6

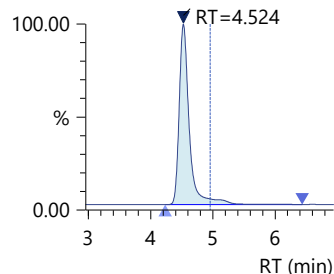
Conc. 211.9445

Area 15690648

R#1 110.17 (0.00)

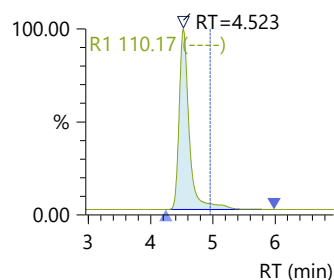
Q 170.25>152.20 (+)

1.38e6



R1 170.25>134.10 (+)

1.53e6



Biotin_B7

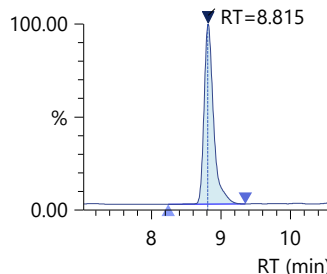
Conc. 199.5506

Area 2931012

R#1 15.14 (0.00)

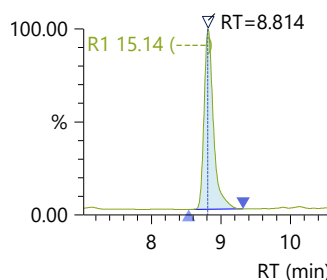
Q 245.25>227.10 (+)

3.09e5



R1 245.25>97.10 (+)

4.74e4



Folic Acid_B9

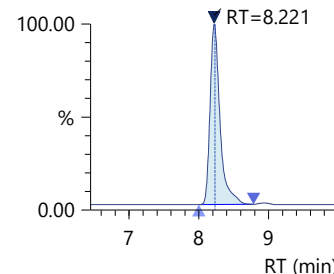
Conc. 196.8469

Area 343897

R#1 33.63 (0.00)

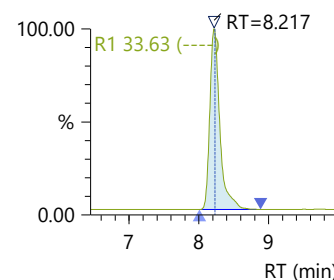
Q 442.30>295.20 (+)

3.45e4



R1 442.30>176.20 (+)

1.16e4



Cynocobalmine_B12

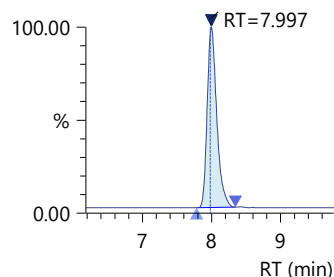
Conc. 200.3838

Area 131652

R#1 16.86 (0.00)

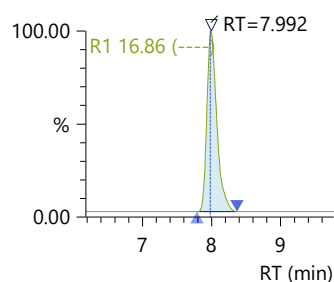
Q 678.50>147.00 (+)

1.37e4



R1 678.50>359.00 (+)

2.22e3



WSV_CC_09_21

Sample ID: 500ppb
Date Acquired: 10/7/2023 8:45:39 PM
Acquired by: System Administrator
Method File: D:\Water Soluble Vitamins_LCMSMS\LCMSMS\Aq Method\05102023_WSV.lcm
Data File: WSV_CC_09_21
Vial: 10 | Inj. Volume: 5.0000uL | Tray: 1

Name	Found RT	Area	Ref 1 Actual Ratio	Conc.	Dil. Factor
Thiamine_B1	2.143	88348258	26.71	504.8121	1.00000
Riboflavin_B2	8.987	2261092	38.65	500.1679	1.00000
Nicotinic Acid_B3	5.638	103824	35.19	486.0072	1.00000
Nicotinamide_B3	5.643	8007356	39.30	489.9094	1.00000
Pantothenic Acid_B5	7.205	1720047	24.87	501.7350	1.00000
Pyridoxin_B6	4.514	36121472	109.93	494.6339	1.00000
Biotin_B7	8.802	7350255	14.99	500.6868	1.00000
Folic Acid_B9	8.206	869541	33.53	500.4144	1.00000
Cynocobalmine_B12	7.984	332839	16.71	502.1390	1.00000

Thiamine_B1

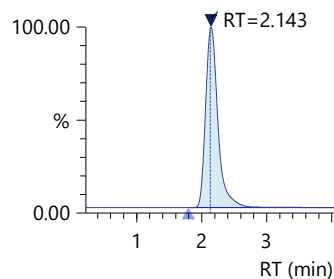
Conc. 504.8121

Area 88348258

R#1 26.71 (0.00)

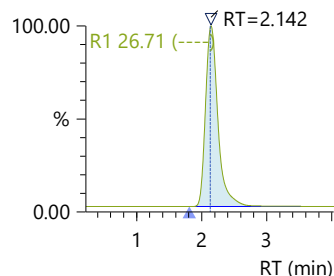
Q 265.20>122.10 (+)

6.71e6



R1 265.20>144.10 (+)

1.77e6



Riboflavin_B2

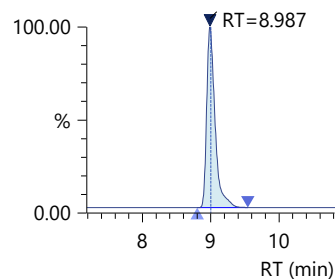
Conc. 500.1679

Area 2261092

R#1 38.65 (0.00)

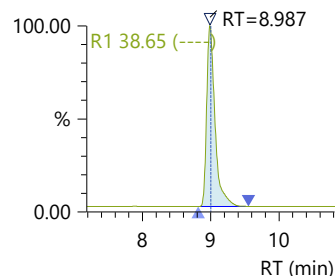
Q 377.30>243.05 (+)

2.66e5



R1 377.30>172.15 (+)

1.03e5



Nicotinic Acid_B3

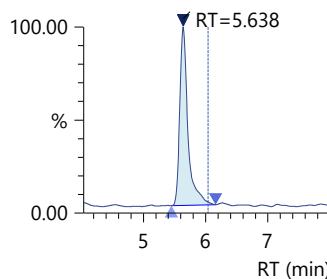
Conc. 486.0072

Area 103824

R#1 35.19 (0.00)

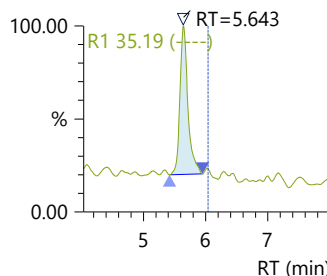
Q 124.15>53.10 (+)

1.14e4



R1 124.15>78.05 (+)

4.95e3



Nicotinamide_B3

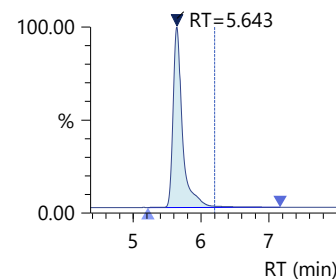
Conc. 489.9094

Area 8007356

R#1 39.30 (0.00)

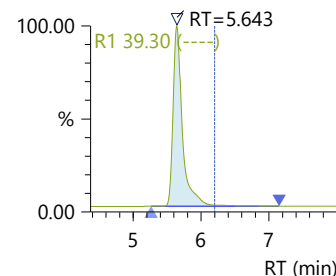
Q 123.15>80.15 (+)

8.34e5



R1 123.15>53.10 (+)

3.28e5



WSV_CC_09_21 (continued)

Pantothenic Acid_B5

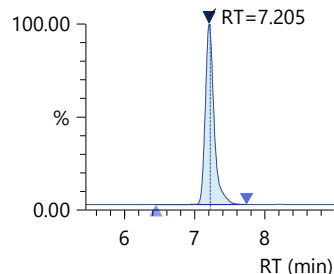
Conc. 501.7350

Area 1720047

R#1 24.87 (0.00)

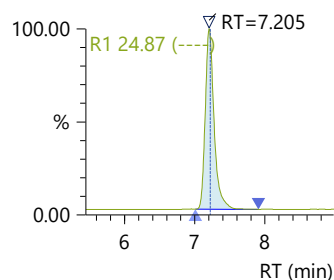
Q 220.20>90.10 (+)

1.98e5



R1 220.20>72.00 (+)

4.90e4



Pyridoxin_B6

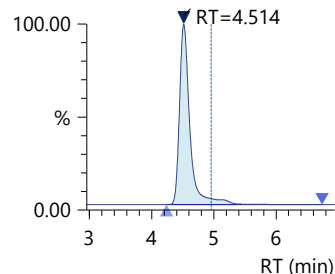
Conc. 494.6339

Area 36121472

R#1 109.93 (0.00)

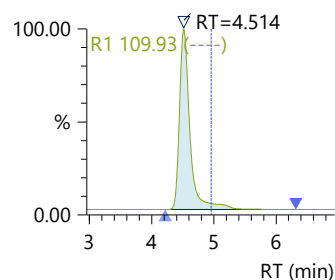
Q 170.25>152.20 (+)

3.09e6



R1 170.25>134.10 (+)

3.38e6



Biotin_B7

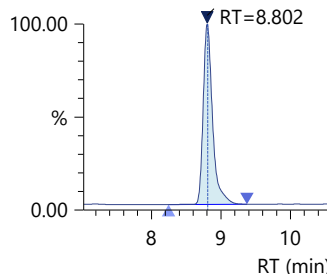
Conc. 500.6868

Area 7350255

R#1 14.99 (0.00)

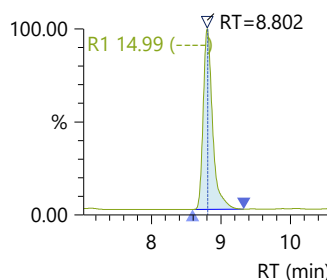
Q 245.25>227.10 (+)

7.88e5



R1 245.25>97.10 (+)

1.18e5



Folic Acid_B9

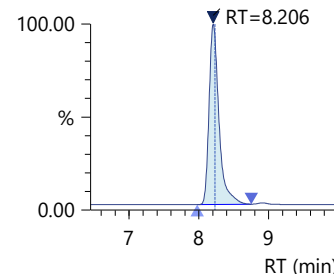
Conc. 500.4144

Area 869541

R#1 33.53 (0.00)

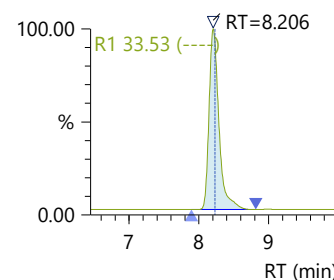
Q 442.30>295.20 (+)

8.81e4



R1 442.30>176.20 (+)

2.96e4



Cynocobalmine_B12

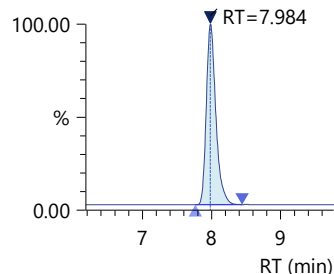
Conc. 502.1390

Area 332839

R#1 16.71 (0.00)

Q 678.50>147.00 (+)

3.47e4



R1 678.50>359.00 (+)

5.95e3

