Vermont Department of Health Laboratory
Toxicology Program

195 Colchester Avenue, P.O. Box 1125, Burlington VT 05402-1125
(ph) 802-863-7336; (fax) 802-863-7632

Certificate of Analysis of DataMaster Certification Solution

On 5/12/2009, an ethanol solution was prepared by Darcy Richardson for use as a DataMaster Certification solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-42-050 and an expiration date of 5/12/2010.

On 6/1/2009 and 6/9/2009, the solution was analyzed by Darcy Richardson and Amanda Bolduc. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated on the day analyses were begun. It was found to have met required quality assurance performance specifications and was operating properly. Quality checks throughout the analytical process demonstrated that the instrument continued to operate properly.

This solution is certified as presenting 0.052 g/210L simulated breath ethanol concentration and approved for use as a DataMaster Certification solution.

Dated at Burlington, Vermont on Tuesday, June 09, 2009.

Darcy Richardson

Alc 902 rev 0 (03/08)

Lot # 09-42-050

Prepared by DMR
Prepared on 5/12/2009
Expires on 5/12/2010

Analyzed on 6/1/09, 6/9/09
analyzed by DMR and ALB

0.0538	0.0558		**Target**	**0.052**
0.0523	0.0548			
0.0516	0.0542			
0.0514	0.0542			
0.0515	0.0538			
0.0535	0.0538			
0.0512	0.0537			
0.0502	0.0539			
0.0505	0.0537			
0.0500	0.0537			
0.0503	0.0536			
0.0497	0.0536			
0.0497	0.0535			
0.0498	0.0533			
0.0511	**0.0540**	mean		
0.0013482	0.000643	std dev		

Reviewed - ok
6/10/09

File Name: C:\Alcohol Data\Sim060109\BloodAlcohol4.cal
Version: 118

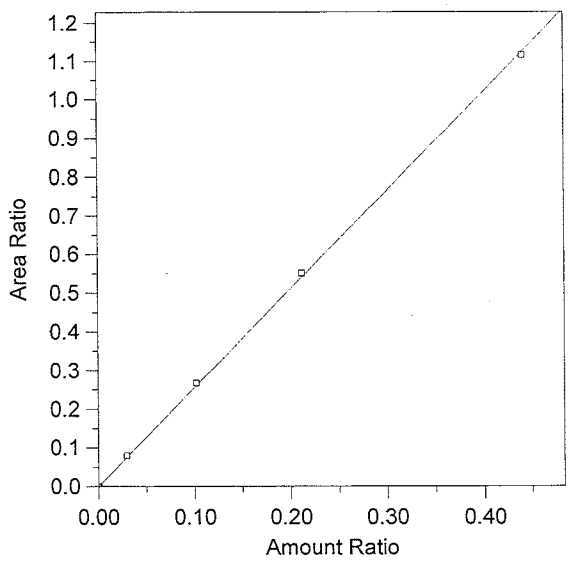
Creator:
Description:
Reason for change:

Internal standard calibration
No injection volume correction
No sample weight correction
Area reject threshold: 5000
Reference peak area reject threshold: 0
Amount units:
No default component

Method of calculating data point averages: Equal weight for all updates
No calibration update report

All levels are normal data points.

3 Ethanol



Expected retention time:	2.6 minutes
Search window:	0.1 minutes
Internal standard component:	7 (n-Propanol)
No retention time reference component	
Group number:	0
High alarm limit:	0
Low alarm limit:	0
Component constant:	0

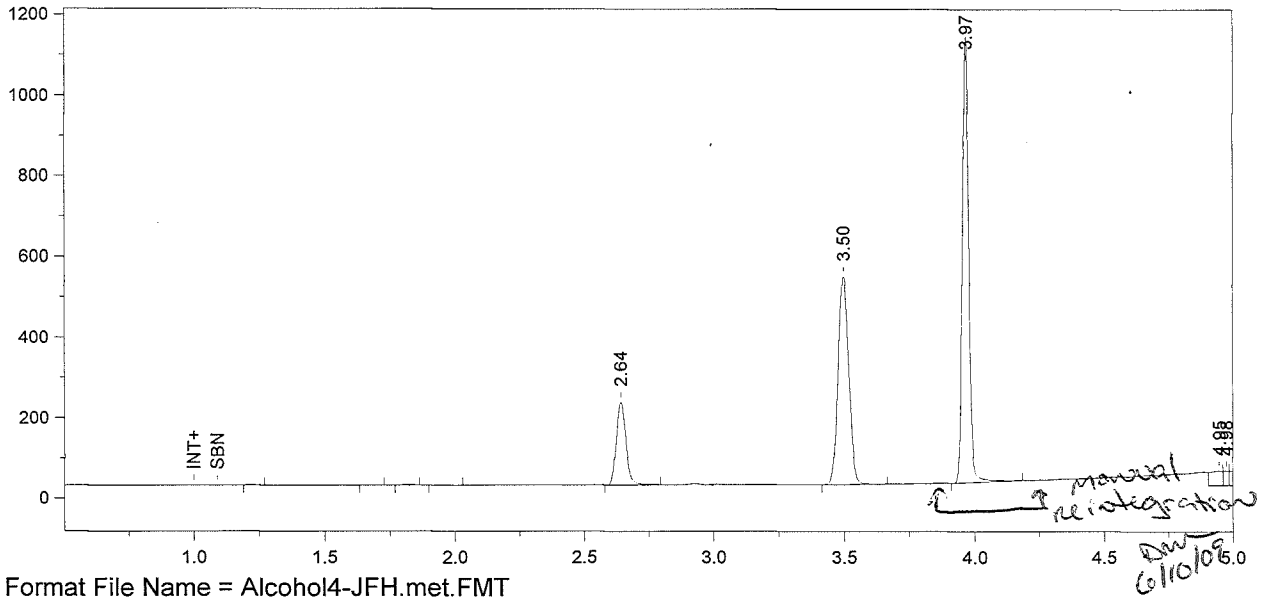
Single peak quantification by area

Y = 2.550786 X + 0

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9997542
Average error:	2.152%
Average CF:	2.089576
RSD:	55.977%

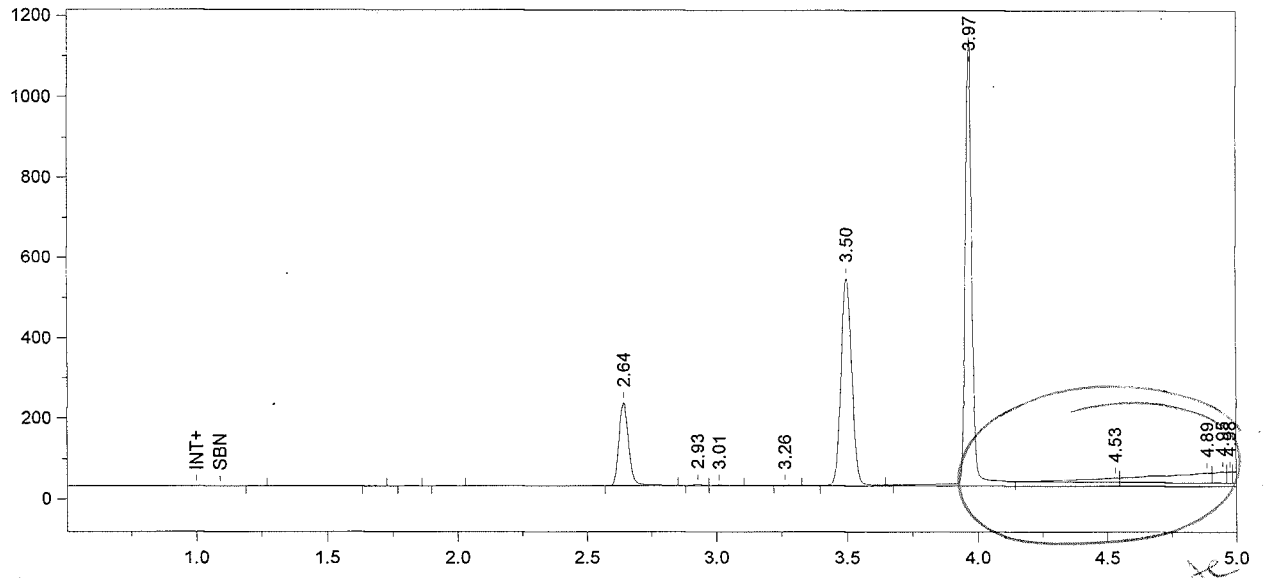
Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	0	(0)	--	0.000	0	0	Manual	4/11/2005 10:03:40 AM
2	0.0296	169931.9	5740943	6.077	0.0296	8.009184E-02	C:\Alcohol Data\Alc052209\Alc052209(1).0003.BND	5/26/2009 12:45:21 PM
3	0.1022	606038.2	5929924	2.222	0.1022	0.2664833	C:\Alcohol Data\Alc052209\Alc052209(1).0004.BND	5/26/2009 1:00:25 PM
4	0.212	1199833	5659590	1.878	0.212	0.5509219	C:\Alcohol Data\Alc052209\Alc052209(1).0005.BND	5/26/2009 1:15:25 PM
5	0.4402	2513863	5710729	-0.583	0.4402	1.116312	C:\Alcohol Data\Alc052209\Alc052209(1).0006.BND	5/26/2009 1:30:25 PM



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 6/2/2009
Today's Time = 2:43:41 PM
Bound File Name = Sim060109.0001.RAW
Sample Name = CCS
Date Taken = 6/1/2009 4:08:15 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
5	2.64	Ethanol	529628	0.1101
6	3.50	t-Butanol	1465359	0.9330
7	3.97	n-Propanol	1886128	1.0000

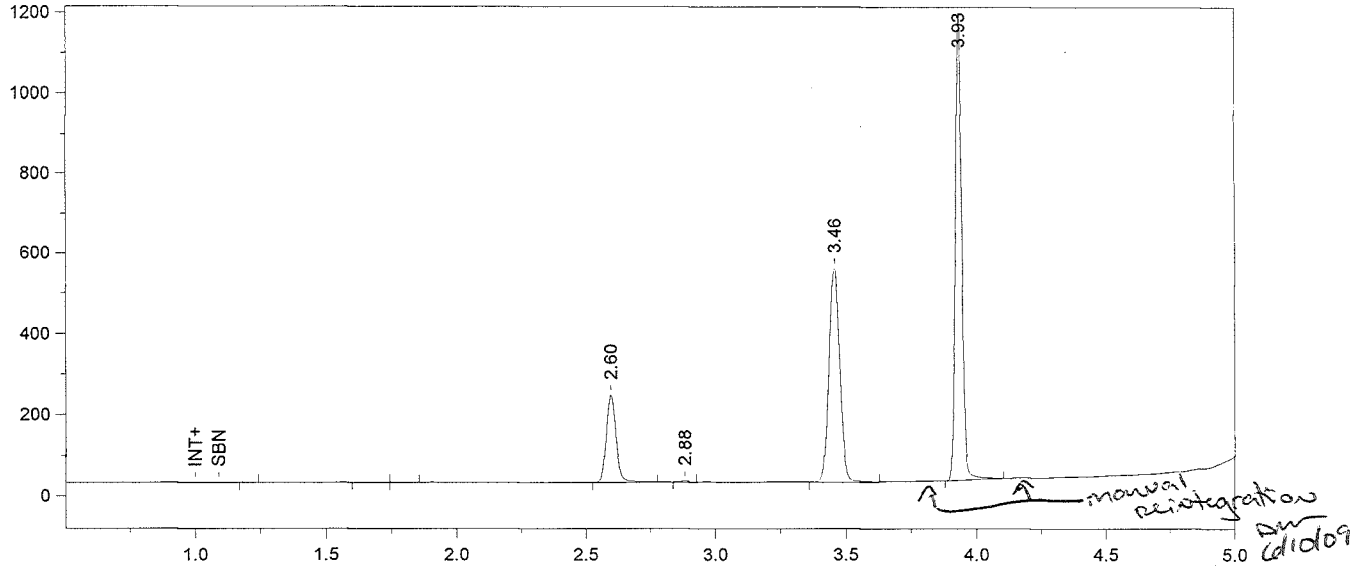


Format File Name = Alcohol4-JFH.met.FMT

reintegrate DW 6/2/09

Today's Date = 6/1/2009
Today's Time = 4:08:25 PM
Bound File Name = Sim060109.0001.RAW
Sample Name = CCS
Date Taken = 6/1/2009 4:08:15 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
5	2.64	Ethanol	541418	0.0665
6	2.93	Acetone	12806	<0.005
7	3.01	Isopropanol	10810	<0.005
8	3.26	t-Butanol	07850	<0.005
10	3.97	n-Propanol	3189960	1.0000



Format File Name = Alcohol4-JFH.met.FMT

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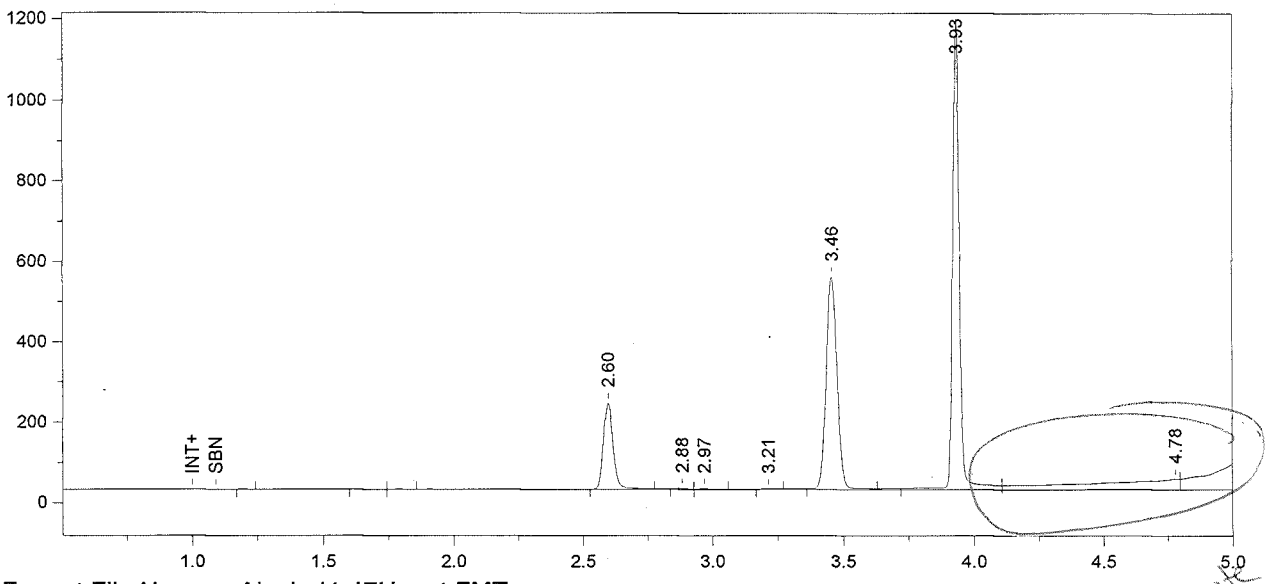
Today's Time = 2:44:50 PM
Bound File Name = Sim060109.0002.RAW
Sample Name = CCS
Date Taken = 6/1/2009 4:22:40 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 119

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.60	Ethanol	565409	0.1124
5	2.88	Acetone	08897	<0.005
6	3.46	t-Butanol	1535385	0.9354
7	3.93	n-Propanol	1971258	1.0000

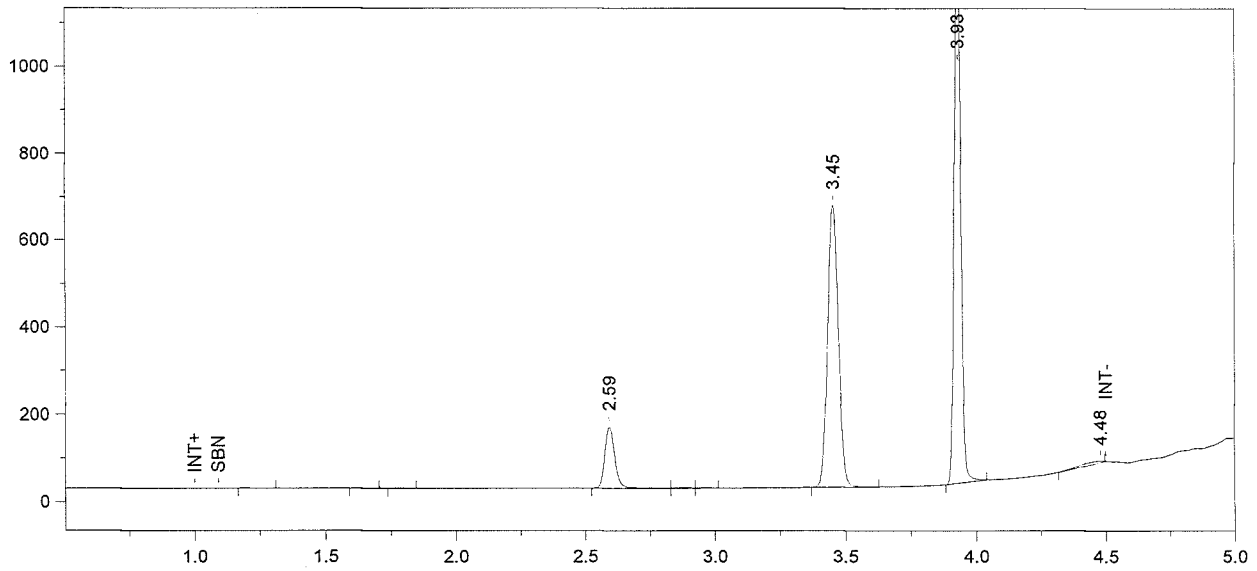


Format File Name = Alcohol4-JFH.met.FMT

reintegrate 6/2/09

Today's Date = 6/1/2009
Today's Time = 4:22:44 PM
Bound File Name = Sim060109.0002.RAW
Sample Name = CCS
Date Taken = 6/1/2009 4:22:40 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

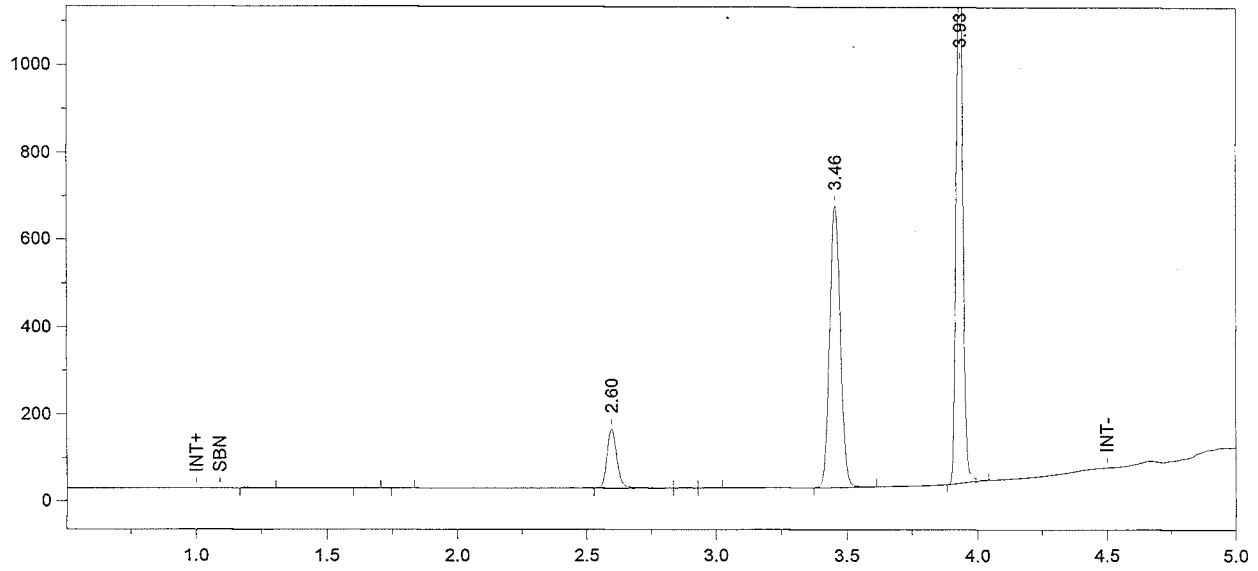
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.60	Ethanol	565409	0.1052
5	2.88	Acetone	08897	<0.005
6	2.97	Isopropanol	08657	<0.005
8	3.46	t-Butanol	1535385	0.8755
9	3.93	n-Propanol	2106042	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/1/2009 Today's Time = 4:37:43 PM
Bound File Name = Sim060109.0003.RAW
Sample Name = 0.05 Sim DMR
Date Taken = 6/1/2009 4:37:41 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 118

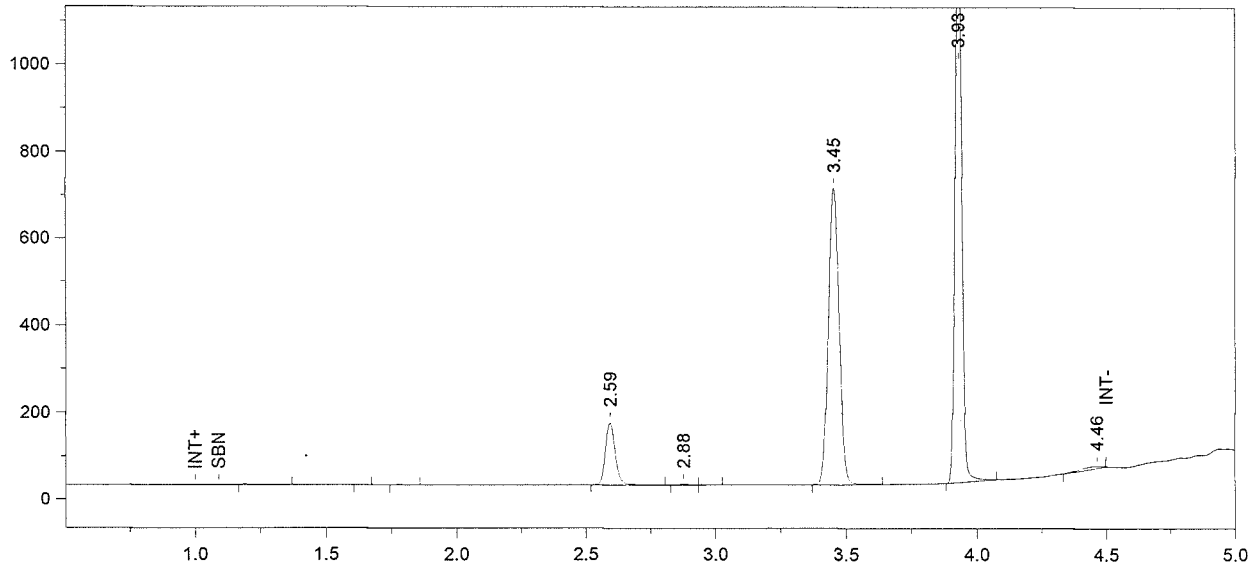
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.59	Ethanol	374090	0.0660	0.0538
7	3.45	t-Butanol	1847549	0.9979	0.8145
8	3.93	n-Propanol	2223509	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/1/2009 Today's Time = 4:52:54 PM
Bound File Name = Sim060109.0004.RAW
Sample Name = 0.05 Sim DMR
Date Taken = 6/1/2009 4:52:43 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.60	Ethanol	365256	0.0641	0.0523
7	3.46	t-Butanol	1842109	0.9907	0.8086
8	3.93	n-Propanol	2232979	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/1/2009 Today's Time = 5:07:50 PM
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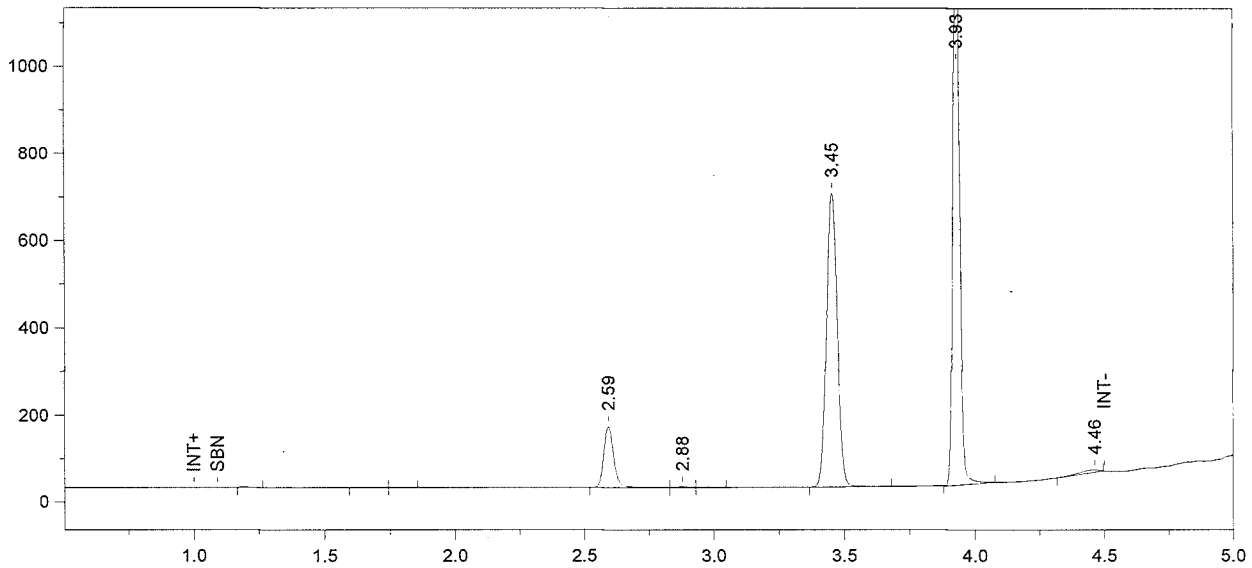
Sample Name = 0.05 Sim DMR
Date Taken = 6/1/2009 5:07:43 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.59	Ethanol	378801	0.0632	0.0516
5	2.88	Acetone	05570	<0.005	0.0001
7	3.45	t-Butanol	1943485	0.9939	0.8112
8	3.93	n-Propanol	2348390	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/1/2009 Today's Time = 5:22:49 PM
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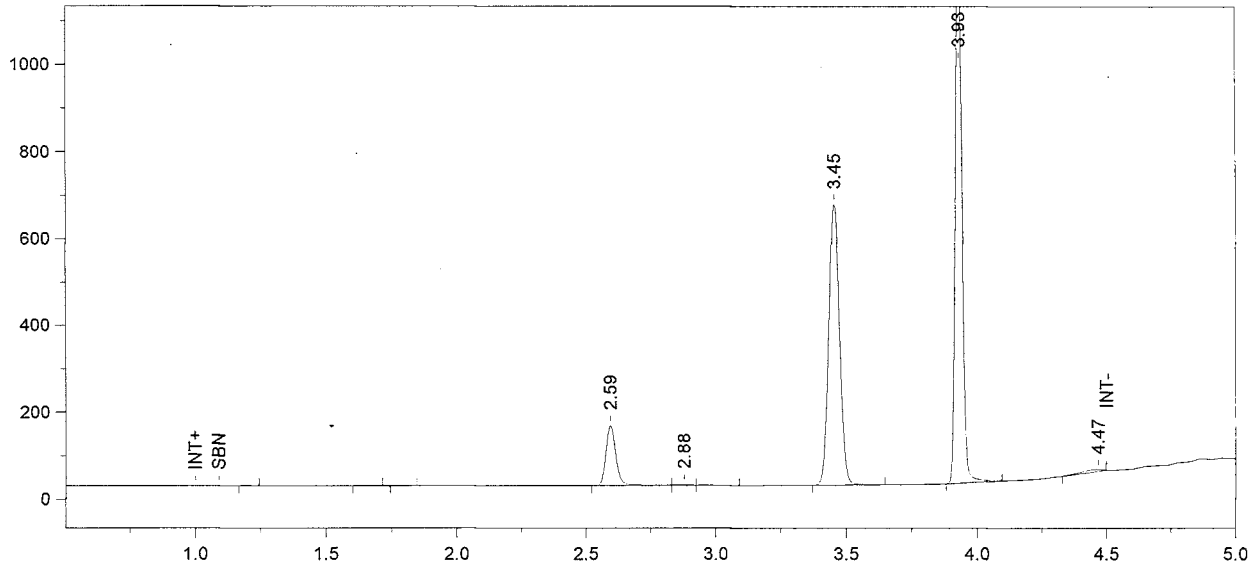
Sample Name = 0.05 Sim DMR
Date Taken = 6/1/2009 5:22:43 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.59	Ethanol	376053	0.0630	0.0514
5	2.88	Acetone	05256	<0.005	0.0001
7	3.45	t-Butanol	1934689	0.9923	0.8099
8	3.93	n-Propanol	2341509	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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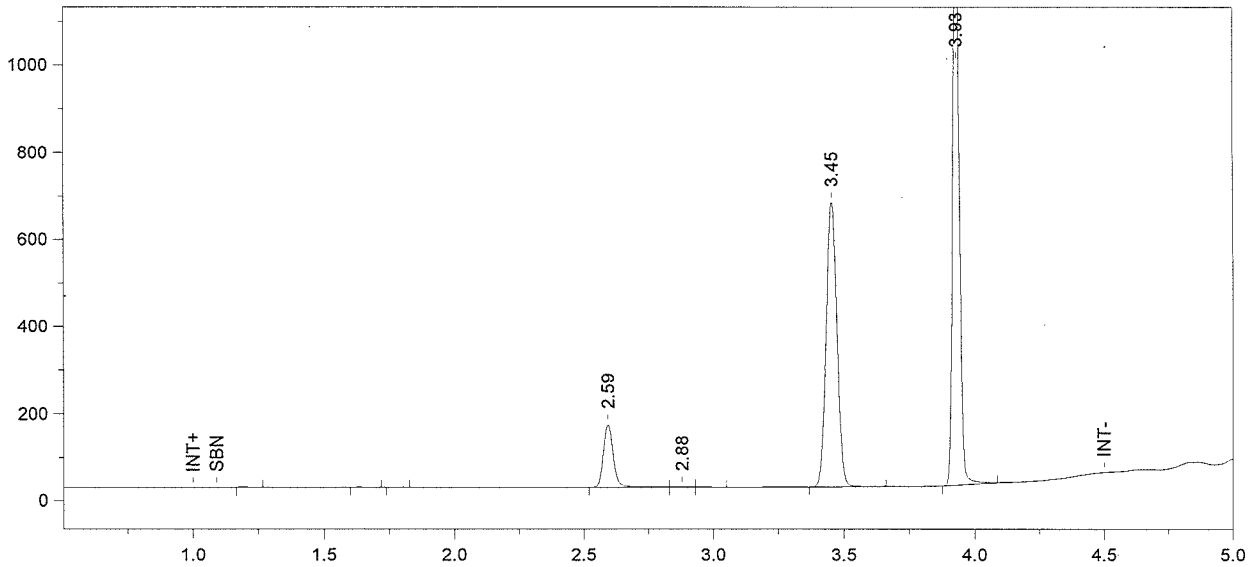
Today's Time = 5:37:58 PM
Bound File Name = Sim060109.0007.RAW
Sample Name = 0.05 Sim DMR
Date Taken = 6/1/2009 5:37:55 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

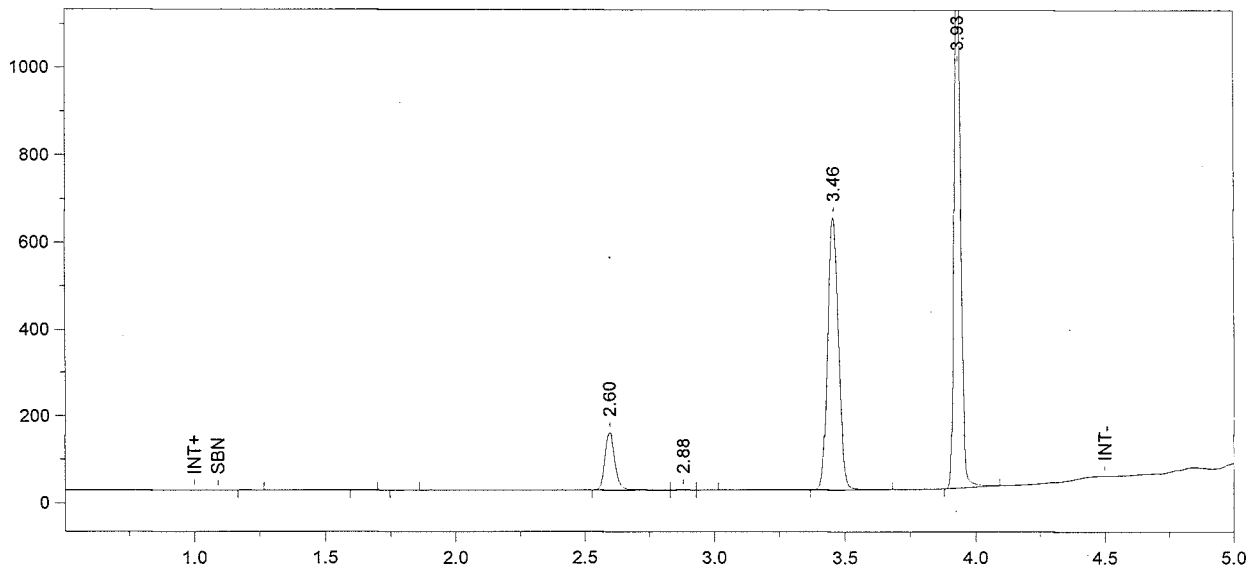
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.59	Ethanol	365502	0.0630	0.0515
5	2.88	Acetone	05392	<0.005	0.0001
7	3.45	t-Butanol	1854139	0.9796	0.7996
8	3.93	n-Propanol	2272931	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/1/2009
Today's Time = 5:53:01 PM
Bound File Name = Sim060109.0008.RAW
Sample Name = 0.05 Sim DMR
Date Taken = 6/1/2009 5:52:56 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

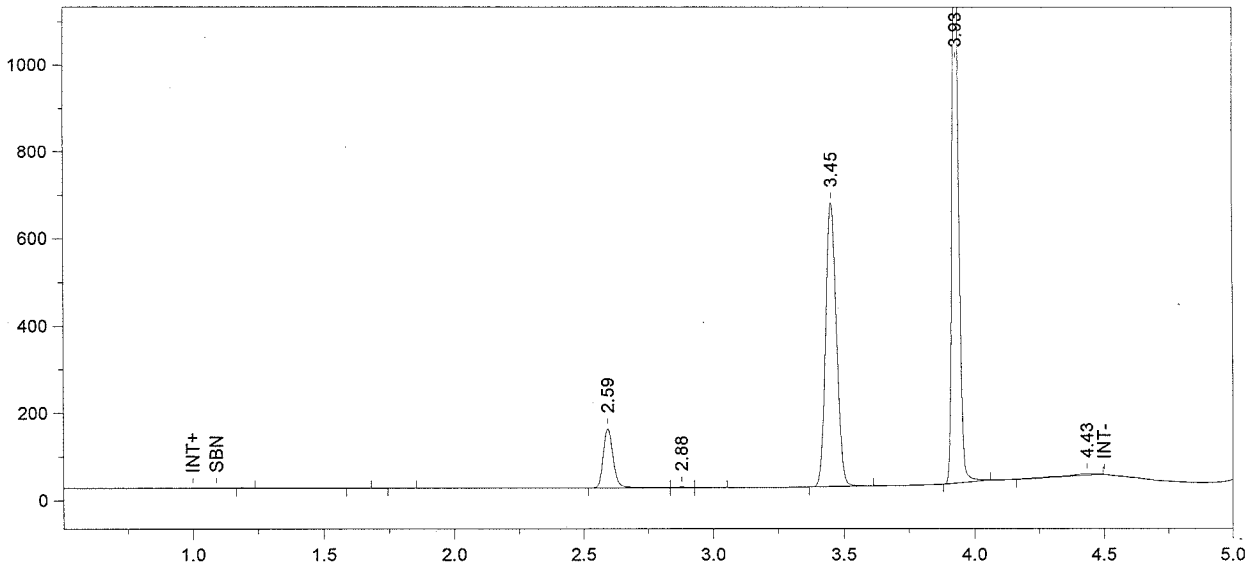
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.59	Ethanol	385124	0.0655	0.0535
5	2.88	Acetone	05145	<0.005	0.0001
7	3.45	t-Butanol	1874865	0.9769	0.7973
8	3.93	n-Propanol	2304877	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/1/2009 Today's Time = 6:07:52 PM
Bound File Name = Sim060109.0009.RAW
Sample Name = 0.05 Sim DMR
Date Taken = 6/1/2009 6:07:45 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 118

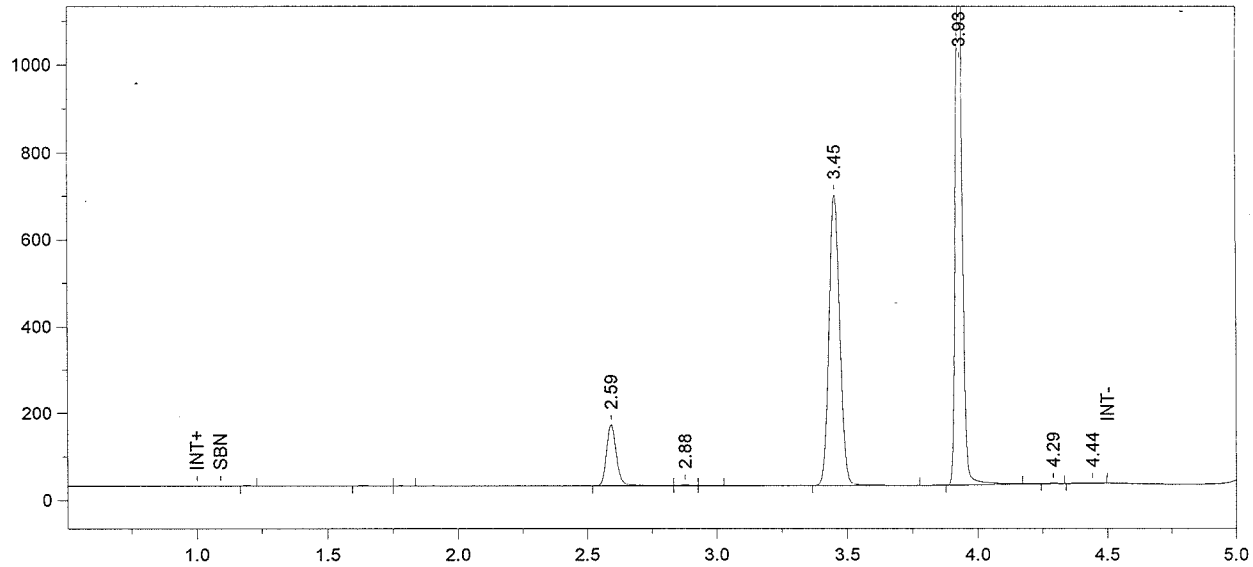
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.60	Ethanol	354266	0.0627	0.0512
5	2.88	Acetone	05067	<0.005	0.0001
7	3.46	t-Butanol	1799064	0.9750	0.7958
8	3.93	n-Propanol	2215937	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/1/2009 Today's Time = 6:22:51 PM
Bound File Name = Sim060109.0010.RAW
Sample Name = 0.05 Sim ALB
Date Taken = 6/1/2009 6:22:46 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.59	Ethanol	361247	0.0615	0.0502
5	2.88	Acetone	05021	<0.005	0.0001
7	3.45	t-Butanol	1862147	0.9706	0.7922
8	3.93	n-Propanol	2304057	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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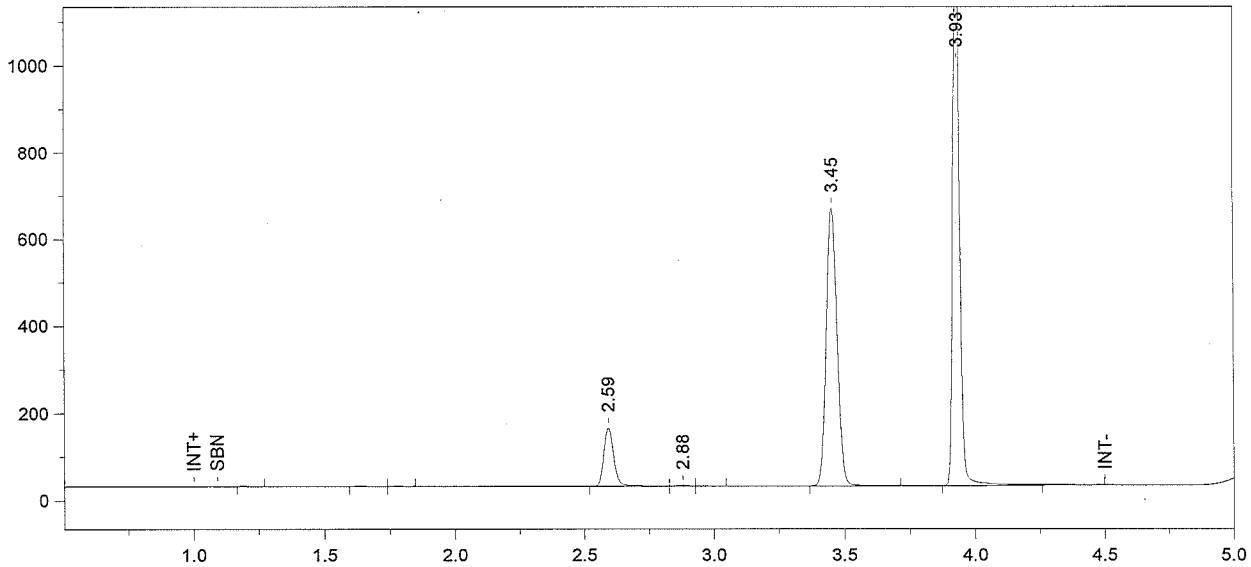
Bound File Name = Sim060109.0011.RAW
Sample Name = 0.05 Sim ALB
Date Taken = 6/1/2009 6:37:47 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.59	Ethanol	370934	0.0618	0.0505
5	2.88	Acetone	05138	<0.005	0.0001
7	3.45	t-Butanol	1909079	0.9751	0.7958
8	3.93	n-Propanol	2351267	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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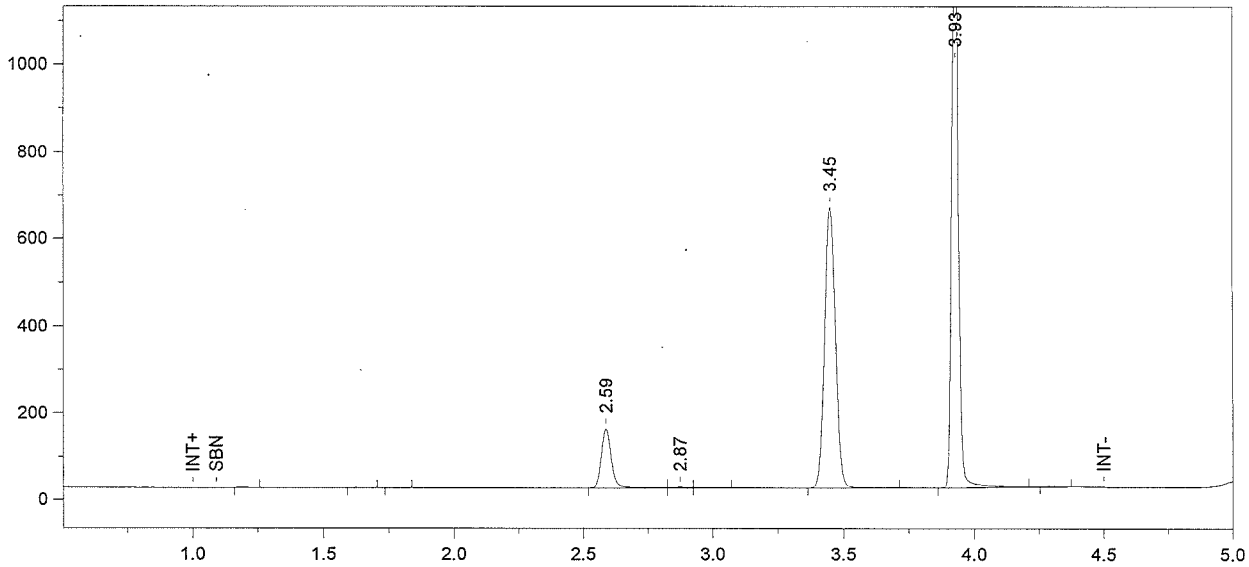
Bound File Name = Sim060109.0012.RAW
Sample Name = 0.05 Sim ALB
Date Taken = 6/1/2009 6:52:48 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.59	Ethanol	359289	0.0612	0.0500
5	2.88	Acetone	05362	<0.005	0.0001
7	3.45	t-Butanol	1828813	0.9550	0.7795
8	3.93	n-Propanol	2299742	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/1/2009
Today's Time = 7:07:57 PM
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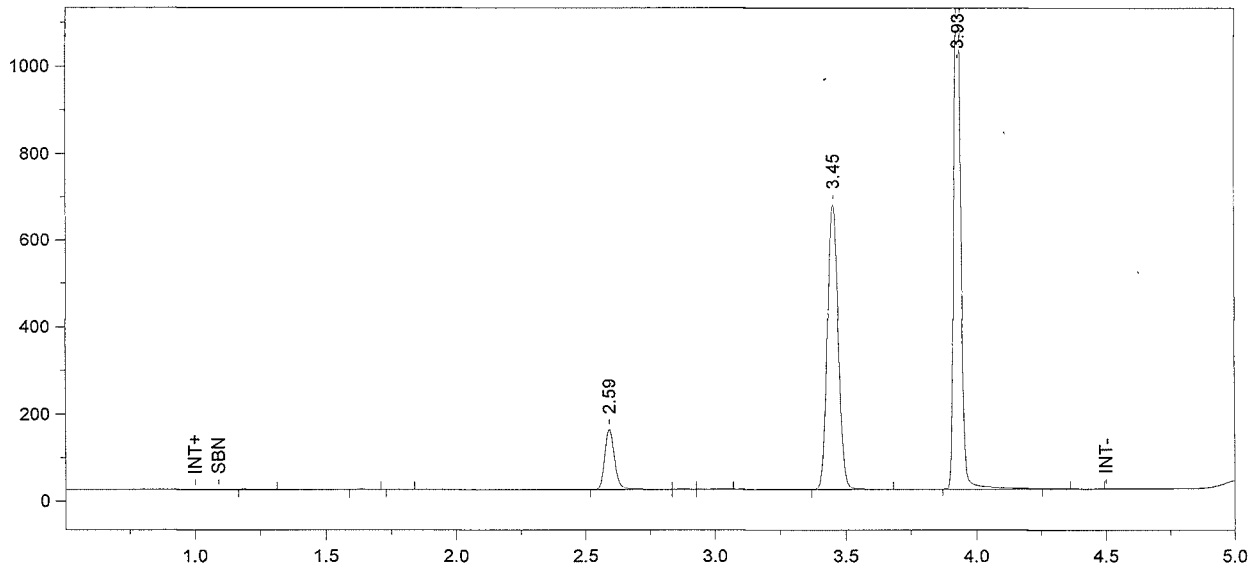
Date Taken = 6/1/2009 7:07:51 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.59	Ethanol	362768	0.0617	0.0503
5	2.87	Acetone	05223	<0.005	0.0001
7	3.45	t-Butanol	1853537	0.9652	0.7878
8	3.93	n-Propanol	2306219	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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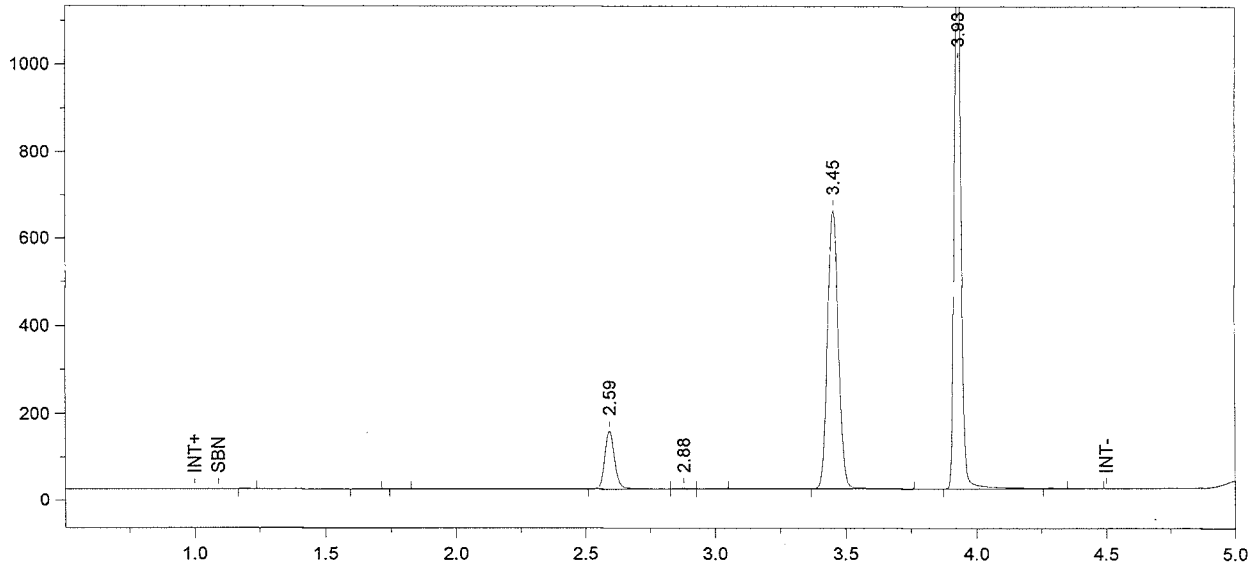
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.59	Ethanol	367127	0.0609	0.0497
7	3.45	t-Butanol	1885991	0.9590	0.7827
8	3.93	n-Propanol	2361747	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/1/2009
Today's Time = 7:37:55 PM
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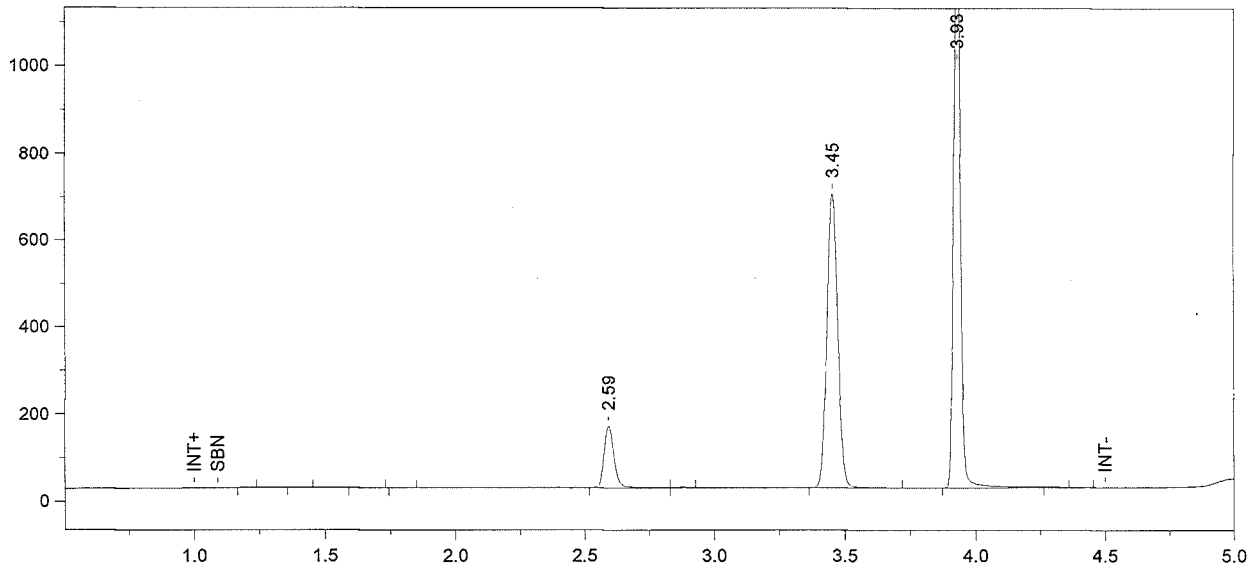
Sample Name = 0.05 Sim ALB
Date Taken = 6/1/2009 7:37:53 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.59	Ethanol	357811	0.0610	0.0497
5	2.88	Acetone	05163	<0.005	0.0001
7	3.45	t-Butanol	1835452	0.9578	0.7817
8	3.93	n-Propanol	2301390	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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Today's Time = 7:53:00 PM
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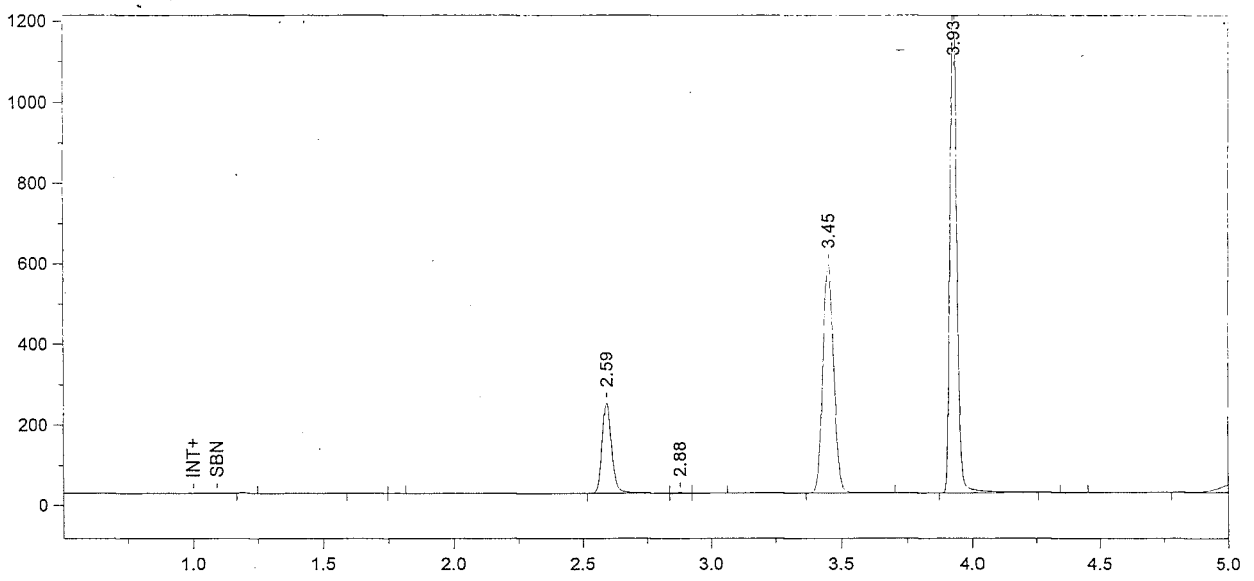
Sample Name = 0.05 Sim ALB
Date Taken = 6/1/2009 7:52:55 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
5	2.59	Ethanol	374924	0.0610	0.0498
7	3.45	t-Butanol	1944508	0.9687	0.7907
8	3.93	n-Propanol	2410599	1.0000	0.8162



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 6/1/2009
Today's Time = 8:07:57 PM
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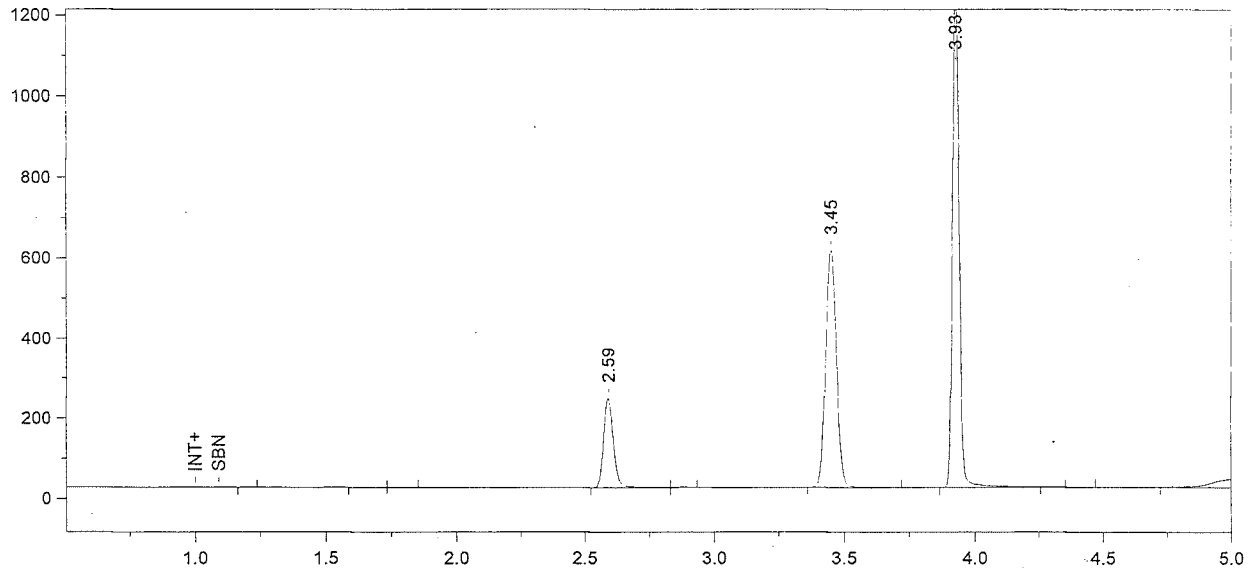
Sample Name = CCS
Date Taken = 6/1/2009 8:07:55 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.59	Ethanol	594028	0.1050
5	2.88	Acetone	05590	<0.005
7	3.45	t-Butanol	1630862	0.8833
8	3.93	n-Propanol	2217161	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 6/1/2009
Today's Time = 8:22:58 PM
Bound File Name = Sim060109.0018.RAW
Sample Name = CCS
Date Taken = 6/1/2009 8:22:54 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.59	Ethanol	586900	0.1051
6	3.45	t-Butanol	1690440	0.9272
7	3.93	n-Propanol	2189541	1.0000

File Name: C:\Methods\BloodAlcohol4.cal
Version: 1

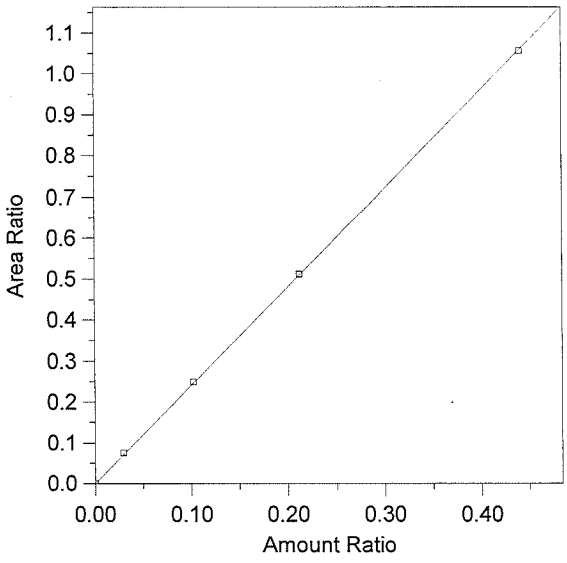
Creator:
Description:
Reason for change:

Internal standard calibration
No injection volume correction
No sample weight correction
Area reject threshold: 5000
Reference peak area reject threshold: 0
Amount units:
No default component

Method of calculating data point averages: Equal weight for all updates
No calibration update report

All levels are normal data points.

3 Ethanol



Expected retention time:	2.722 minutes
Search window:	0.1 minutes
Internal standard component:	7 (n-Propanol)
No retention time reference component	
Group number:	0
High alarm limit:	0
Low alarm limit:	0
Component constant:	0

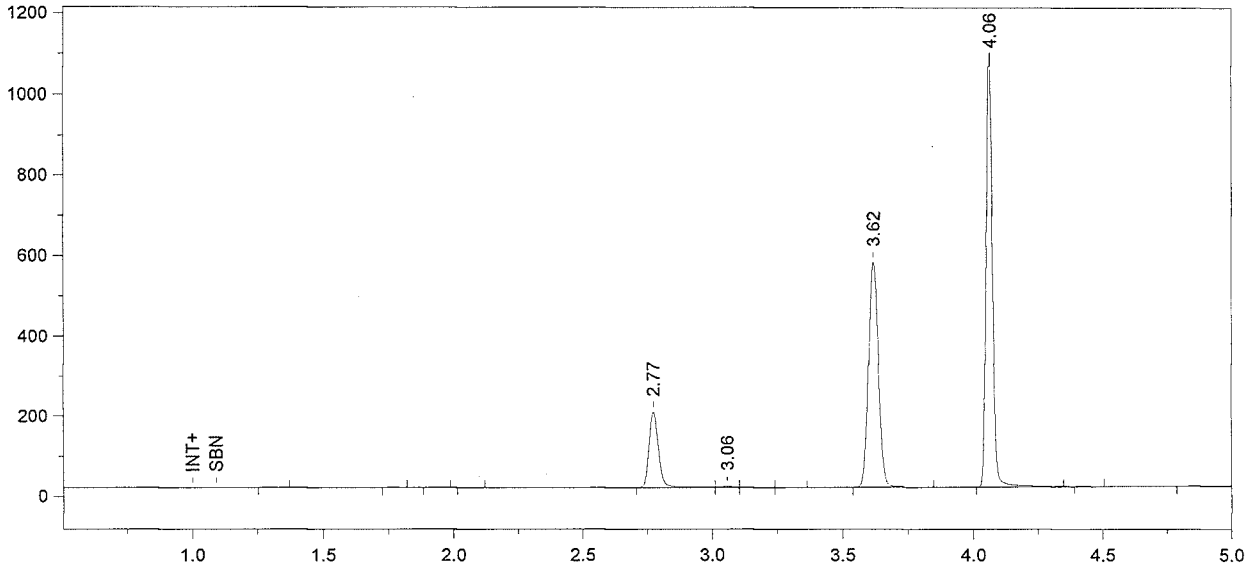
Single peak quantification by area

Y = 2.404099 X + 0

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9999505
Average error:	1.569%
Average CF:	1.959336
RSD:	55.980%

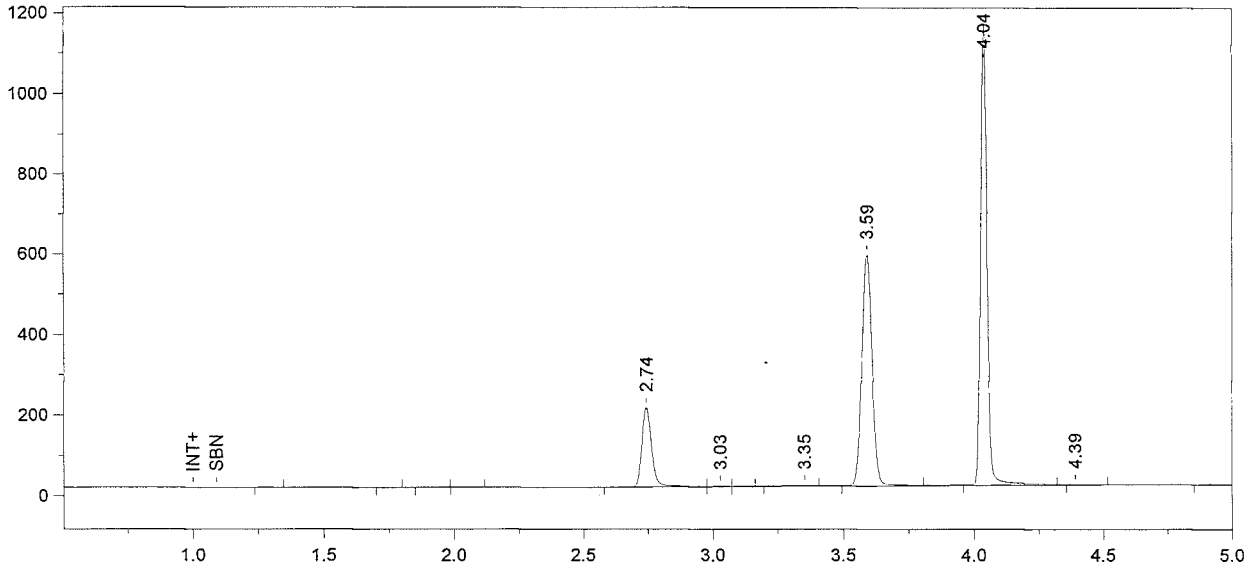
Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	0	(0)	--	0.000	0	0	Manual	4/11/2005 10:03:40 AM
2	0.0296	163124.5	5510963	5.929	0.0296	7.538048E-02	C:\Alcohol Data\Alc060509\Alc060509A.0003.BND	6/8/2009 11:52:50 AM
3	0.1022	547112.5	5353351	1.450	0.1022	0.2492606	C:\Alcohol Data\Alc060509\Alc060509A.0004.BND	6/8/2009 12:07:56 PM
4	0.212	1139074	5372991	0.294	0.212	0.511165	C:\Alcohol Data\Alc060509\Alc060509A.0005.BND	6/8/2009 12:22:59 PM
5	0.4402	2324632	5280854	-0.173	0.4402	1.056453	C:\Alcohol Data\Alc060509\Alc060509A.0006.BND	6/8/2009 12:37:55 PM



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 6/9/2009
Today's Time = 11:17:18 AM
Bound File Name = Sim060909.0001.RAW
Sample Name = CCS
Date Taken = 6/9/2009 11:17:10 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 1

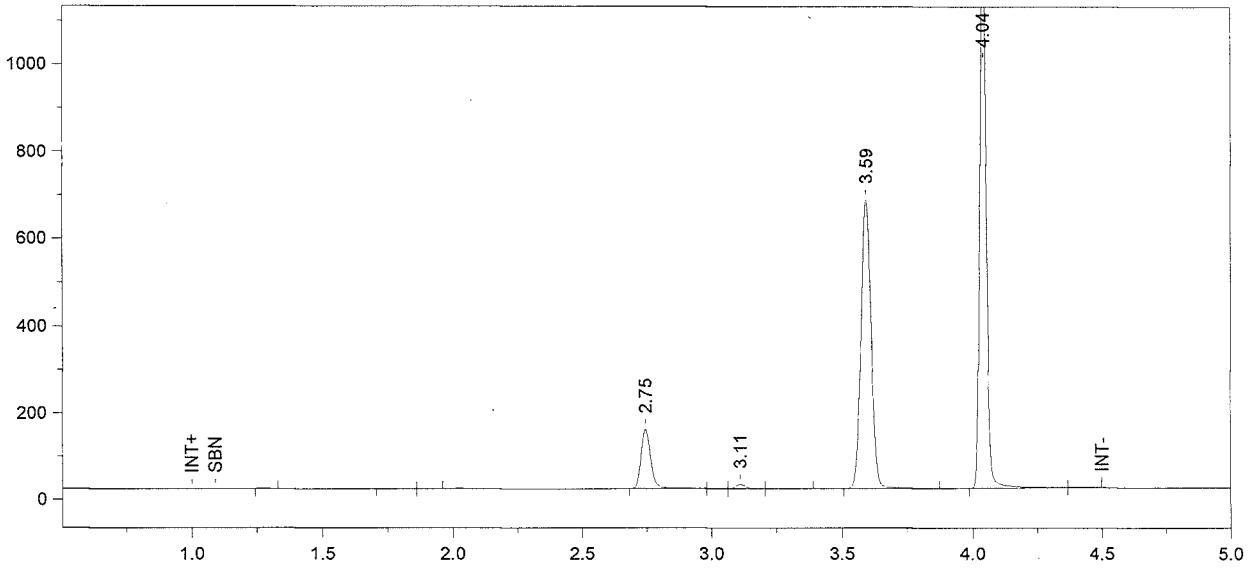
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
5	2.77	Ethanol	478635	0.1087
6	3.06	Acetone	08032	<0.005
9	3.62	t-Butanol	1475742	1.0000
10	4.06	n-Propanol	1831798	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 6/9/2009
Today's Time = 11:32:12 AM
Bound File Name = Sim060909.0002.RAW
Sample Name = CCS
Date Taken = 6/9/2009 11:32:05 AM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 1

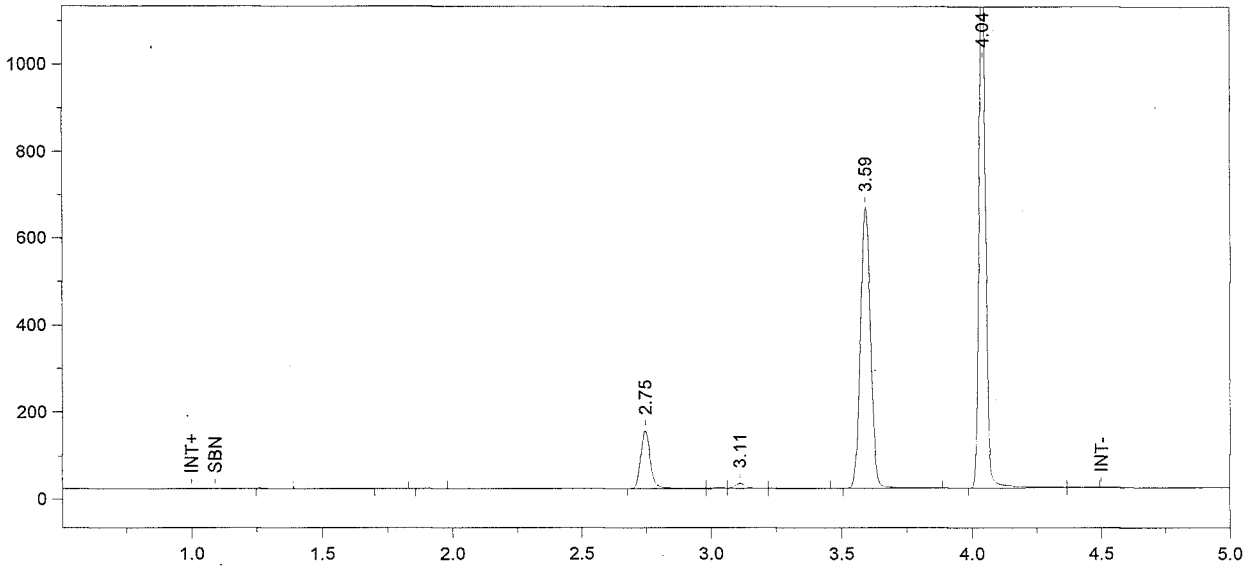
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
5	2.74	Ethanol	513909	0.1085
6	3.03	Acetone	08313	<0.005
9	3.59	t-Butanol	1560407	0.9830
10	4.04	n-Propanol	1970376	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/9/2009 Today's Time = 11:47:15 AM
Bound File Name = Sim060909.0003.RAW
Sample Name = 0.05 Sim DMR
Date Taken = 6/9/2009 11:47:06 AM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 1

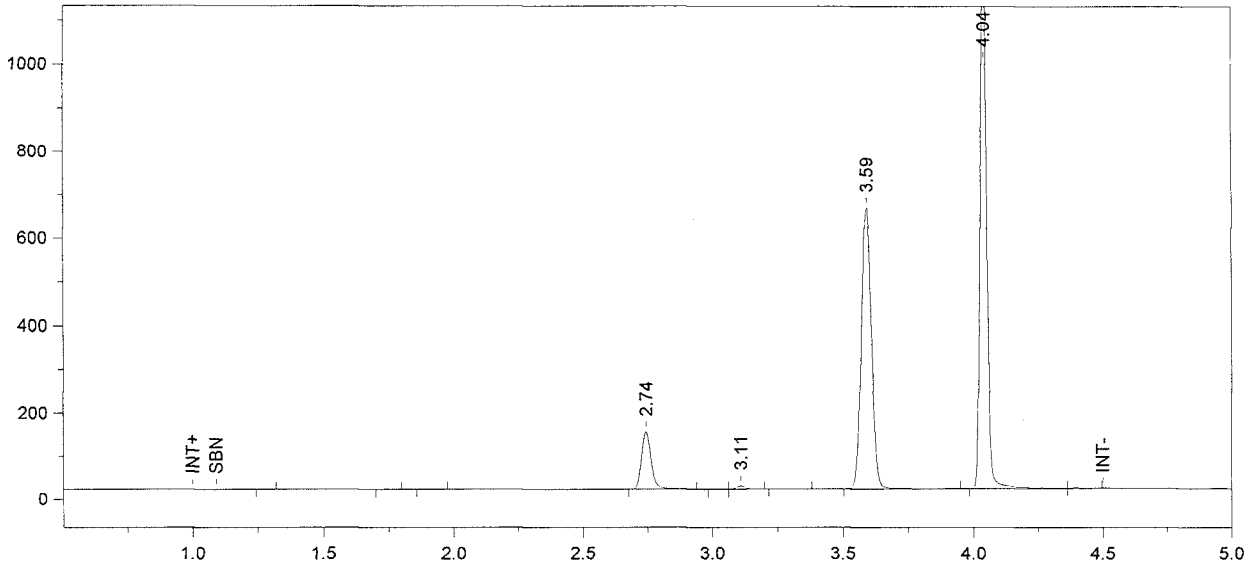
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.75	Ethanol	359724	0.0684	0.0558
6	3.11	Acetone	25968	<0.005	0.0008
8	3.59	t-Butanol	1782781	1.0110	0.8252
9	4.04	n-Propanol	2188936	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/9/2009 Today's Time = 12:02:12 PM
Bound File Name = Sim060909.0004.RAW
Sample Name = 0.05 Sim DMR
Date Taken = 6/9/2009 12:02:07 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 1

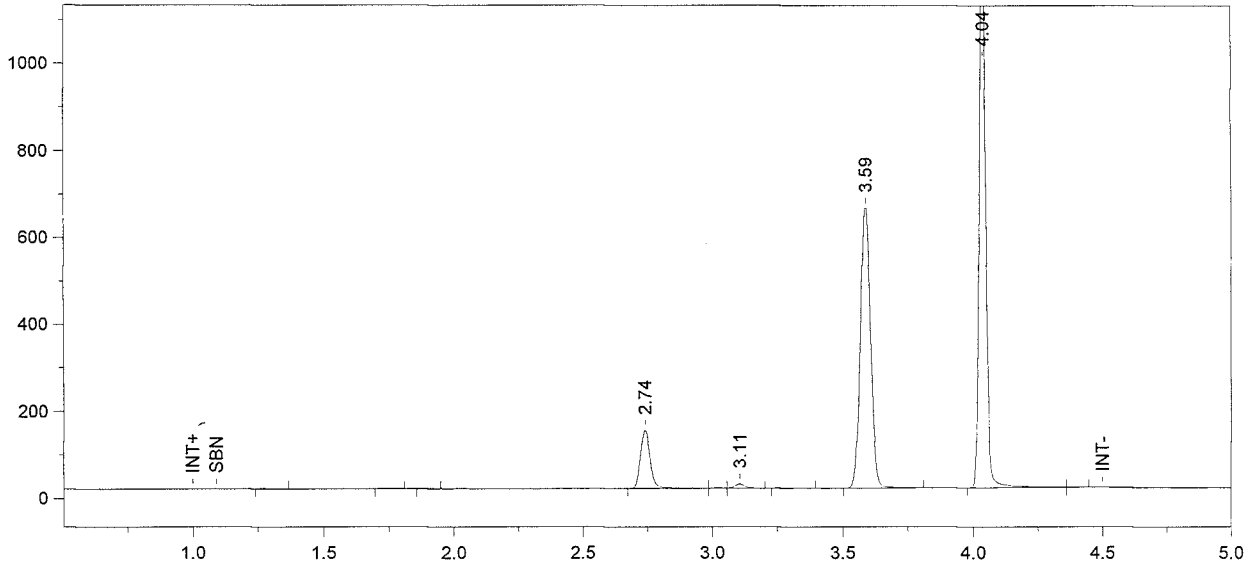
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.75	Ethanol	347338	0.0671	0.0548
6	3.11	Acetone	29001	<0.005	0.0009
8	3.59	t-Butanol	1740627	1.0040	0.8195
9	4.04	n-Propanol	2152014	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/9/2009
Today's Time = 12:17:10 PM
Bound File Name = Sim060909.0005.RAW
Sample Name = 0.05 Sim DMR
Date Taken = 6/9/2009 12:17:08 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 1

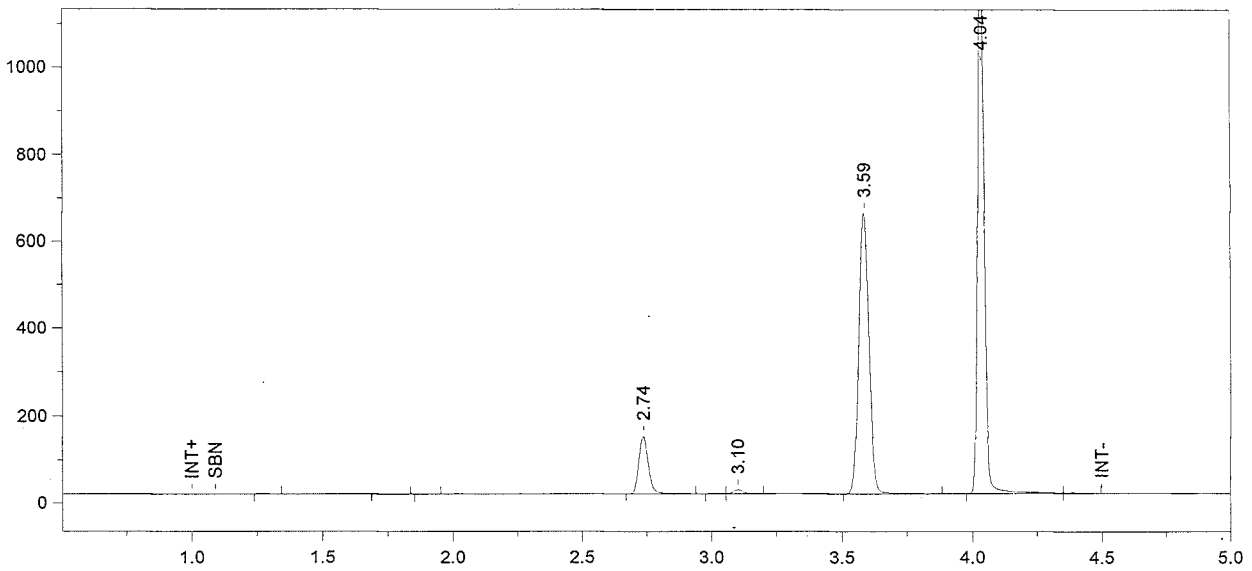
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.74	Ethanol	343913	0.0664	0.0542
6	3.11	Acetone	18459	<0.005	0.0006
8	3.59	t-Butanol	1744937	1.0049	0.8202
9	4.04	n-Propanol	2155418	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/9/2009
Today's Time = 12:32:11 PM
Bound File Name = Sim060909.0006.RAW
Sample Name = 0.05 Sim DMR
Date Taken = 6/9/2009 12:32:08 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 1

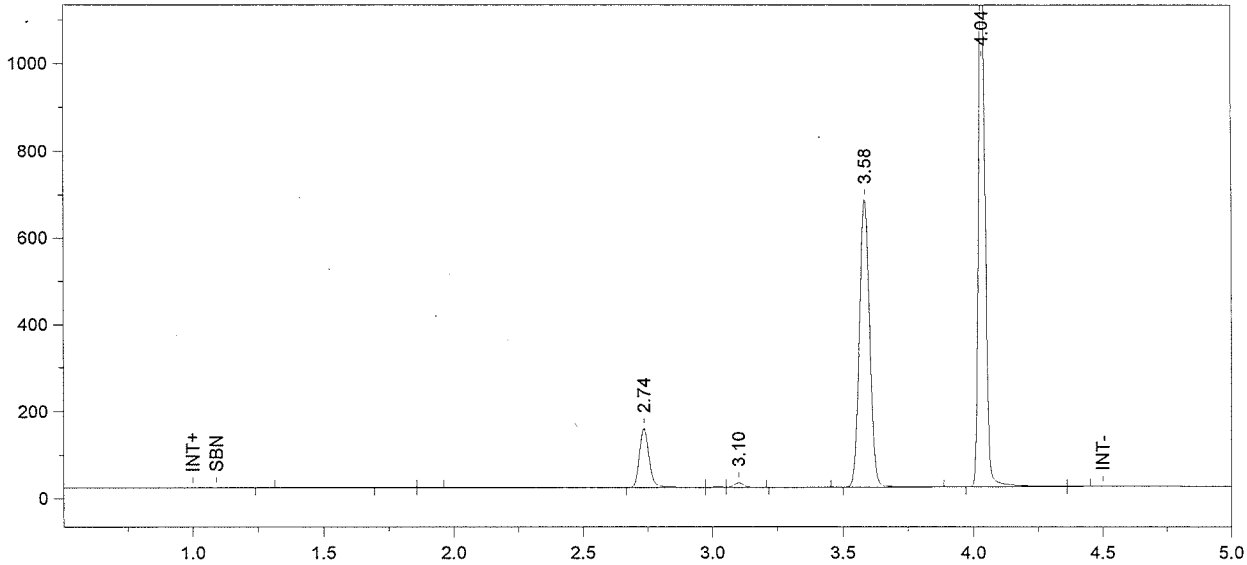
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.74	Ethanol	349093	0.0664	0.0542
6	3.11	Acetone	23745	<0.005	0.0008
8	3.59	t-Butanol	1762680	1.0012	0.8172
9	4.04	n-Propanol	2185397	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/9/2009
Today's Time = 12:47:30 PM
Bound File Name = Sim060909.0007.RAW
Sample Name = 0.05 Sim DMR
Date Taken = 6/9/2009 12:47:21 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 1

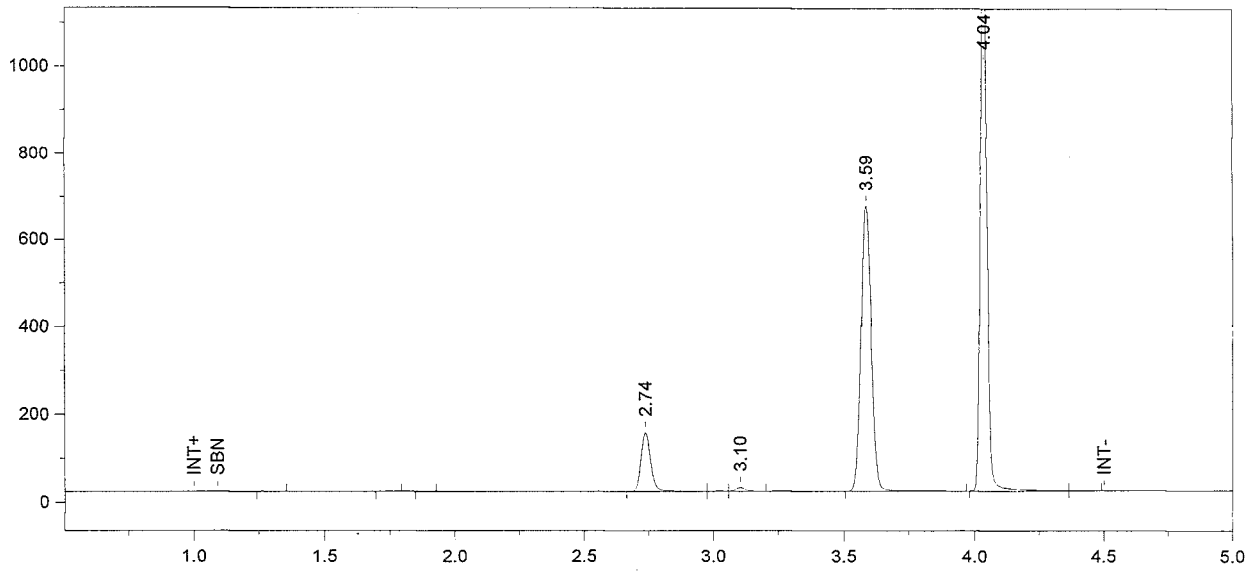
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.74	Ethanol	343248	0.0659	0.0538
6	3.10	Acetone	23198	<0.005	0.0007
7	3.59	t-Butanol	1740870	0.9982	0.8147
8	4.04	n-Propanol	2164933	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/9/2009 Today's Time = 1:02:24 PM
Bound File Name = Sim060909.0008.RAW
Sample Name = 0.05 Sim DMR
Date Taken = 6/9/2009 1:02:21 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 1

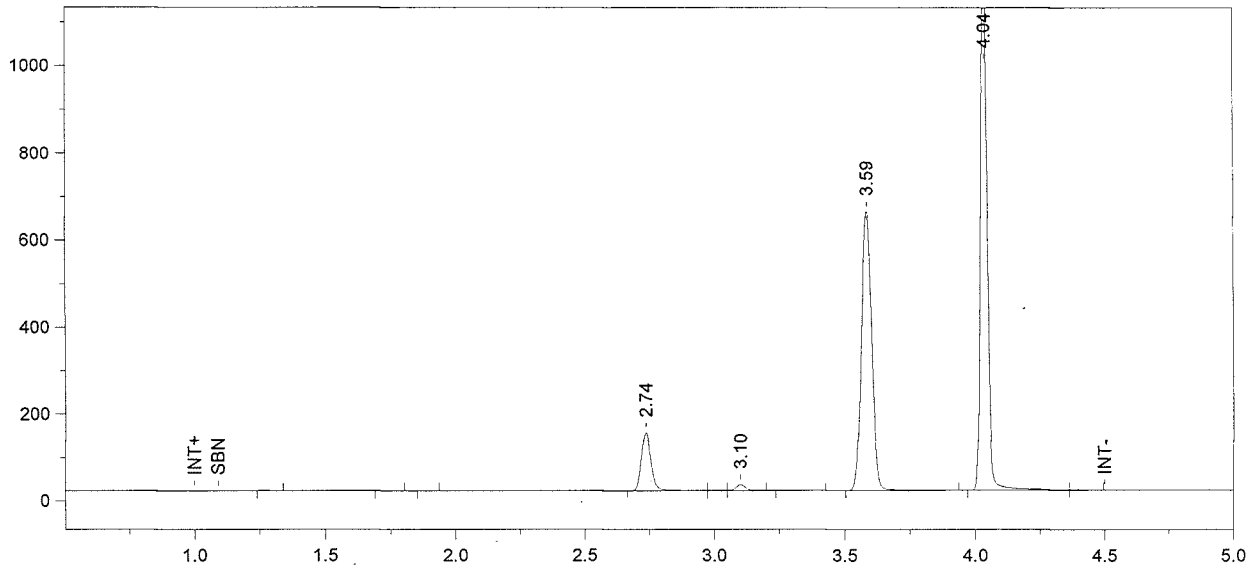
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.74	Ethanol	351933	0.0659	0.0538
6	3.10	Acetone	26844	<0.005	0.0008
8	3.58	t-Butanol	1800483	1.0058	0.8209
9	4.04	n-Propanol	2222182	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/9/2009
Today's Time = 1:17:17 PM
Bound File Name = Sim060909.0009.RAW
Sample Name = 0.05 Sim DMR
Date Taken = 6/9/2009 1:17:11 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 1

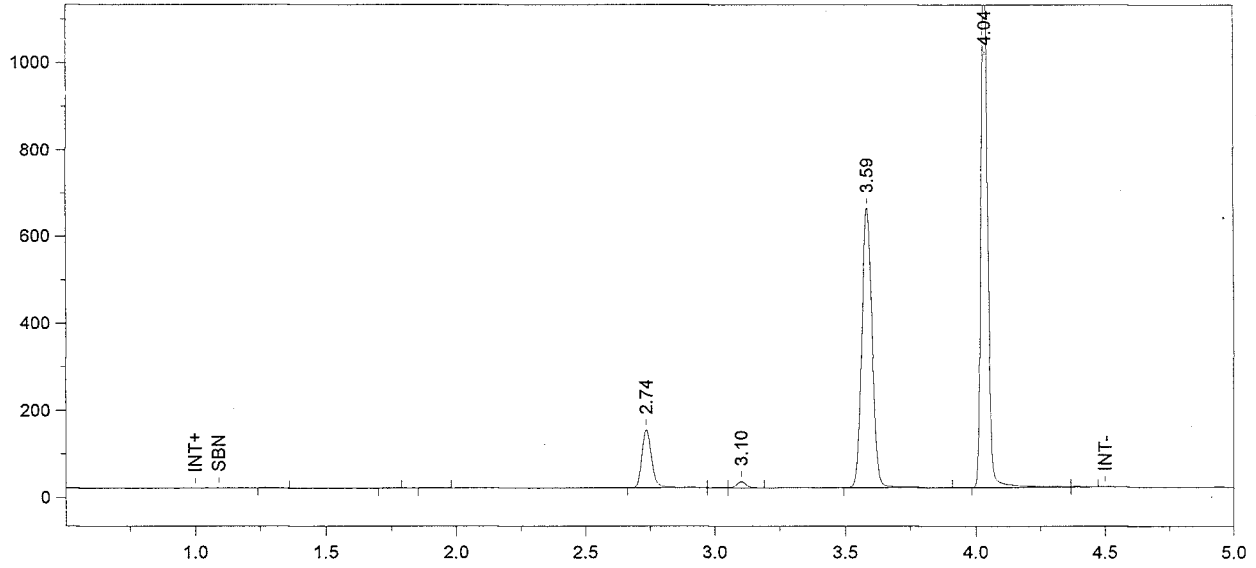
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.74	Ethanol	350297	0.0658	0.0537
6	3.10	Acetone	21507	<0.005	0.0007
7	3.59	t-Butanol	1778207	0.9973	0.8140
8	4.04	n-Propanol	2213242	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/9/2009 Today's Time = 1:32:15 PM
Bound File Name = Sim060909.0010.RAW
Sample Name = 0.05 Sim ALB
Date Taken = 6/9/2009 1:32:12 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 1

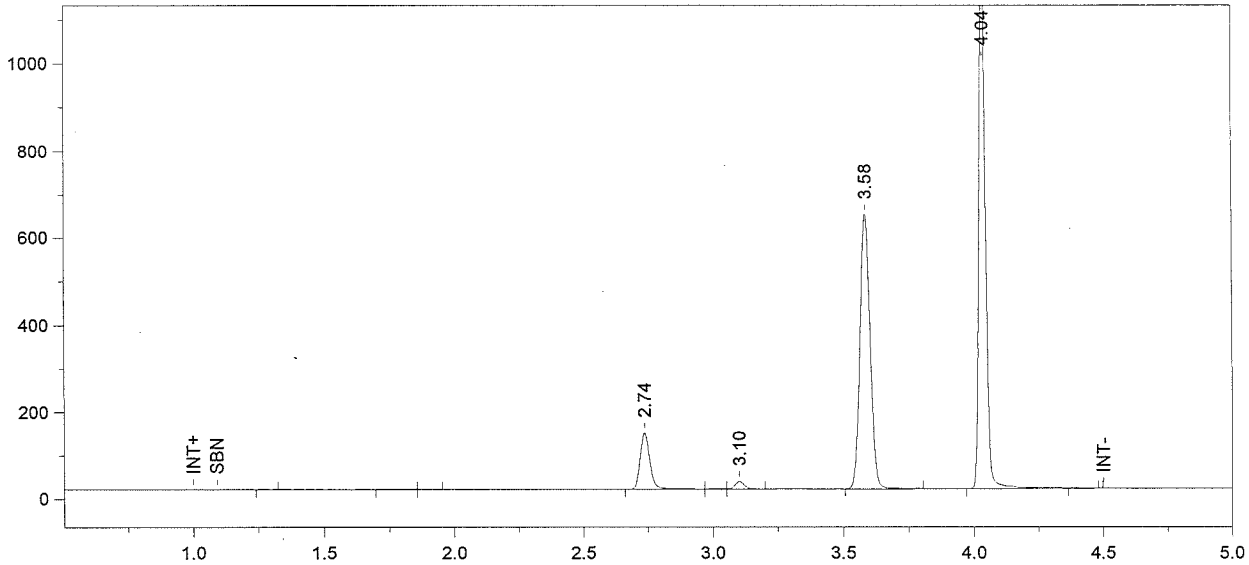
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.74	Ethanol	345347	0.0661	0.0539
6	3.10	Acetone	33797	<0.005	0.0011
8	3.59	t-Butanol	1748357	0.9980	0.8146
9	4.04	n-Propanol	2174520	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/9/2009
Today's Time = 1:47:23 PM
Bound File Name = Sim060909.0011.RAW
Sample Name = 0.05 Sim ALB
Date Taken = 6/9/2009 1:47:13 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 1

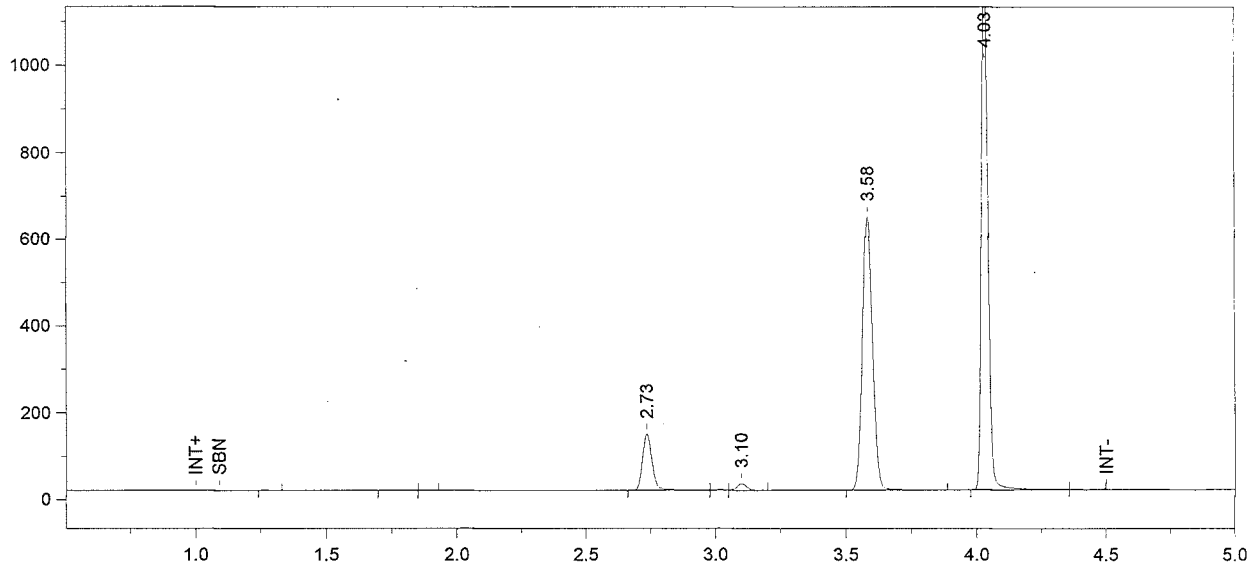
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.74	Ethanol	344342	0.0658	0.0537
6	3.10	Acetone	34575	<0.005	0.0011
7	3.59	t-Butanol	1748013	0.9965	0.8133
8	4.04	n-Propanol	2177502	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/9/2009 Today's Time = 2:02:17 PM
Bound File Name = Sim060909.0012.RAW
Sample Name = 0.05 Sim ALB
Date Taken = 6/9/2009 2:02:14 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 1

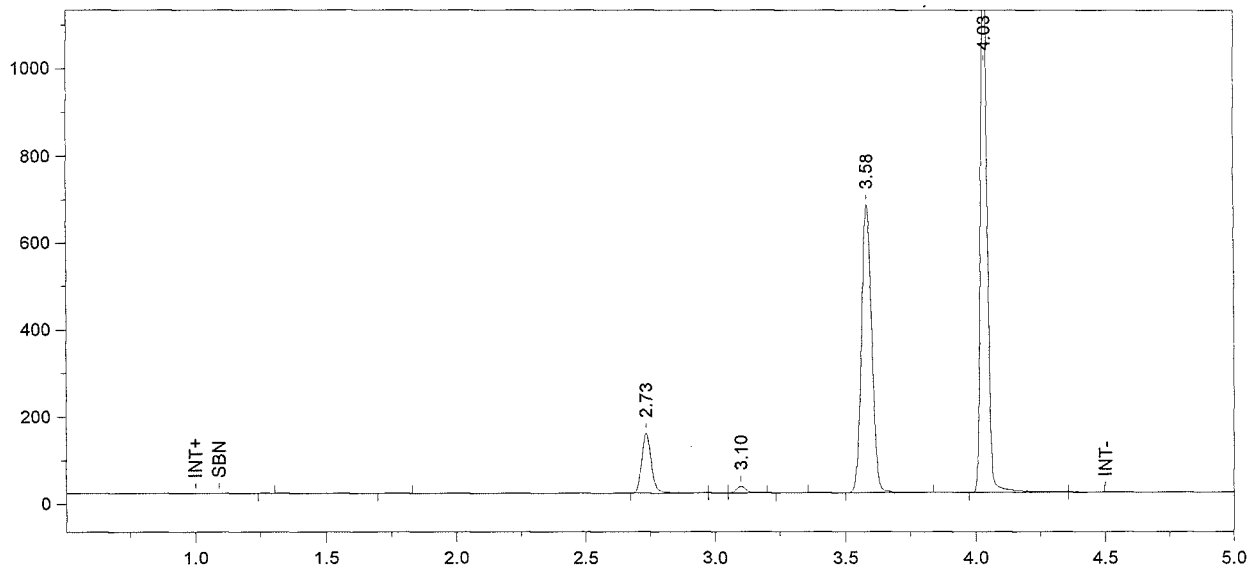
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.74	Ethanol	339291	0.0659	0.0537
6	3.10	Acetone	42929	<0.005	0.0014
7	3.58	t-Butanol	1706511	0.9884	0.8068
8	4.04	n-Propanol	2143091	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/9/2009 Today's Time = 2:17:19 PM
Bound File Name = Sim060909.0013.RAW
Sample Name = 0.05 Sim ALB
Date Taken = 6/9/2009 2:17:16 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 1

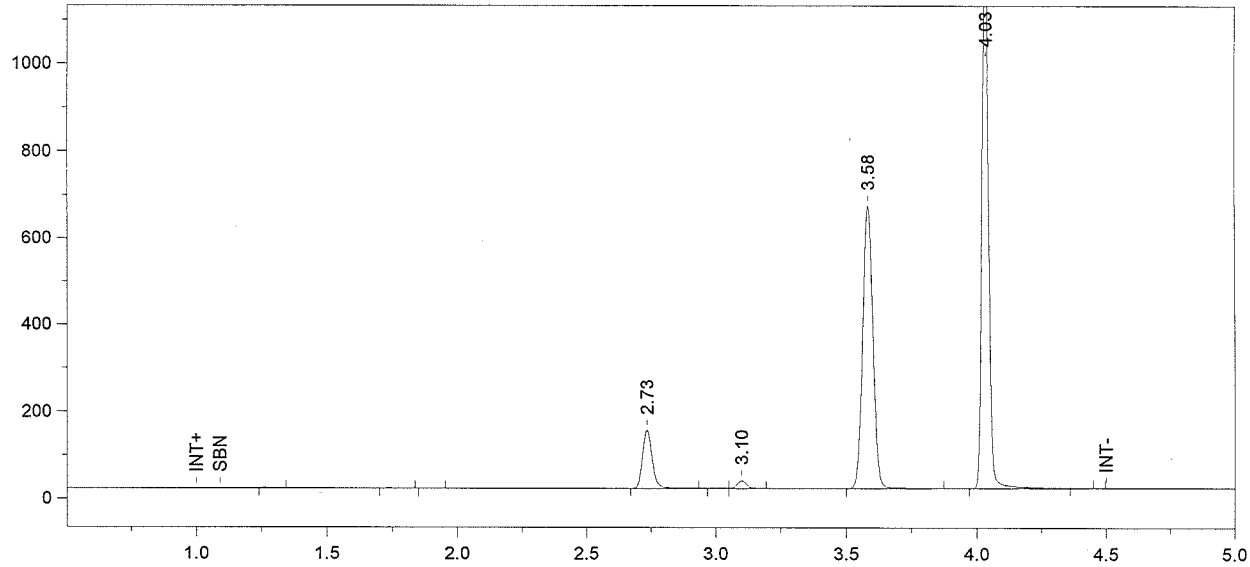
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.73	Ethanol	337816	0.0657	0.0536
6	3.10	Acetone	38696	<0.005	0.0013
7	3.58	t-Butanol	1707731	0.9906	0.8086
8	4.03	n-Propanol	2139889	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/9/2009 Today's Time = 2:32:18 PM
Bound File Name = Sim060909(1).0001.RAW
Sample Name = 0.05 Sim ALB
Date Taken = 6/9/2009 2:32:17 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 1

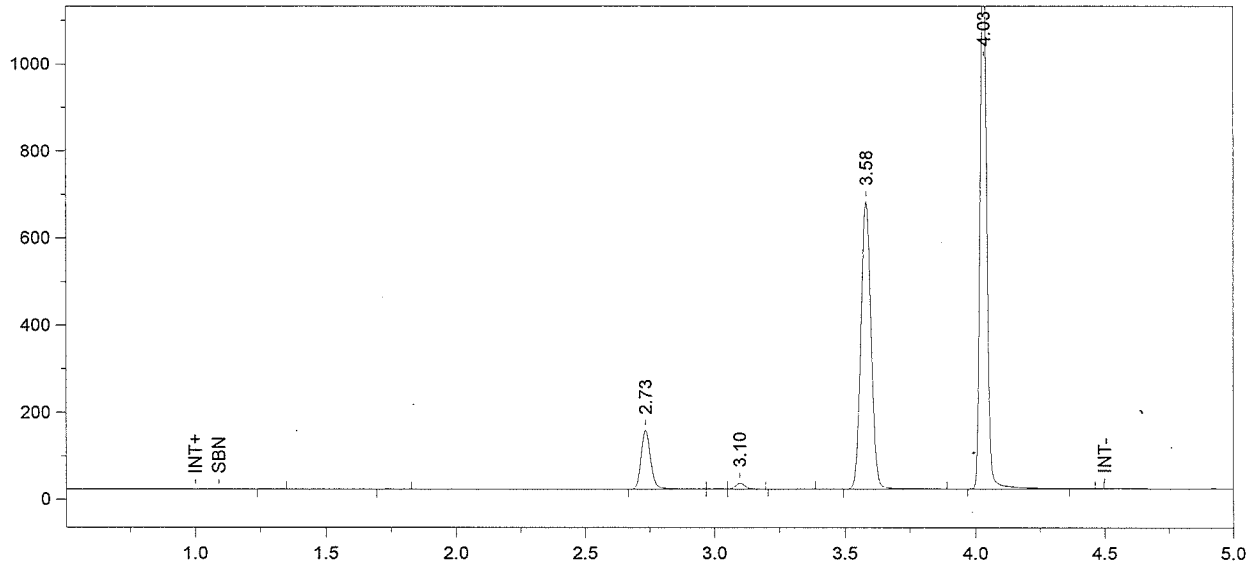
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
3	2.73	Ethanol	354705	0.0656	0.0536
5	3.10	Acetone	38139	<0.005	0.0012
7	3.58	t-Butanol	1799644	0.9940	0.8113
8	4.03	n-Propanol	2247438	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/9/2009
Today's Time = 2:47:29 PM
Bound File Name = Sim060909.0015.RAW
Sample Name = 0.05 Sim ALB
Date Taken = 6/9/2009 2:47:19 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 1

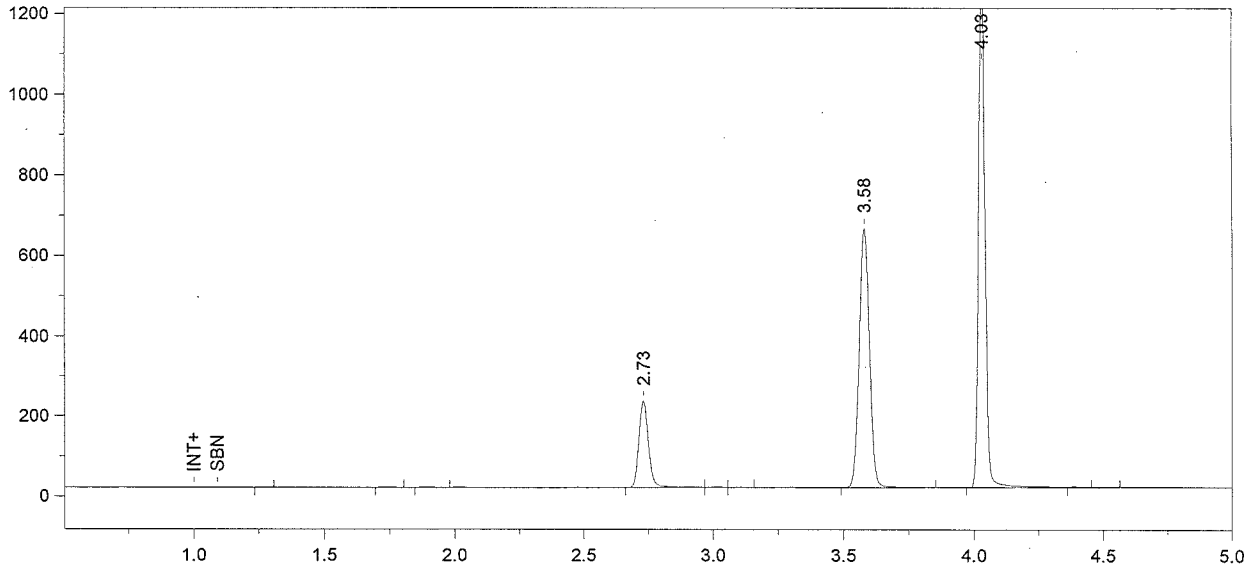
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.73	Ethanol	347482	0.0656	0.0535
6	3.10	Acetone	43537	<0.005	0.0014
7	3.58	t-Butanol	1771635	0.9976	0.8142
8	4.03	n-Propanol	2204549	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 6/9/2009
Today's Time = 3:02:25 PM
Bound File Name = Sim060909.0016.RAW
Sample Name = 0.05 Sim ALB
Date Taken = 6/9/2009 3:02:20 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 1

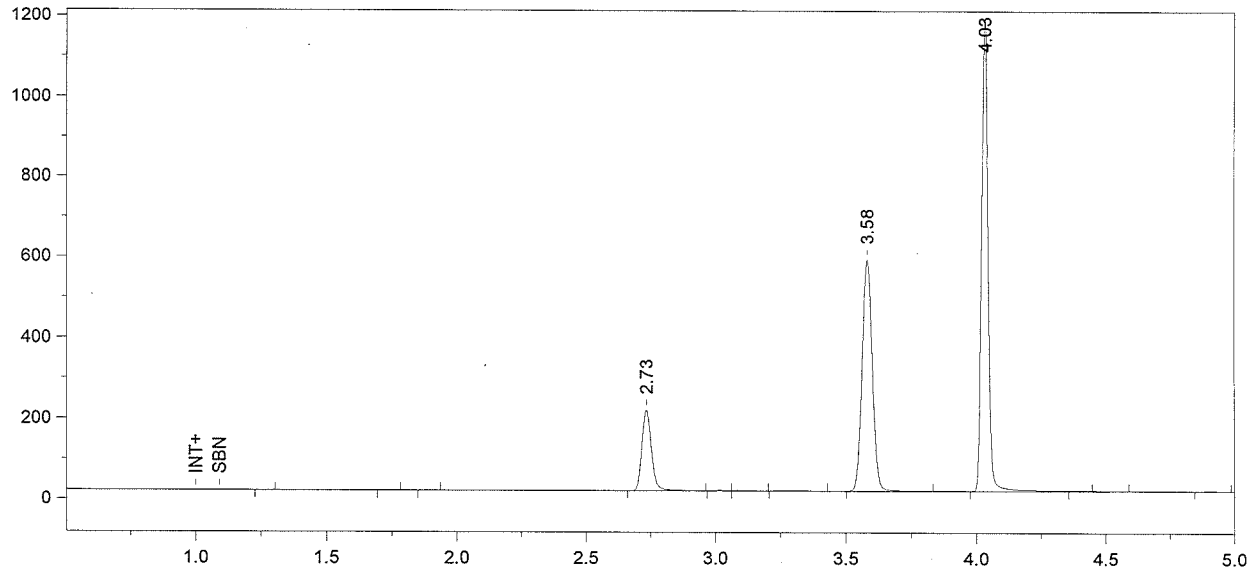
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
3	2.73	Ethanol	351596	0.0654	0.0533
5	3.10	Acetone	35392	<0.005	0.0011
7	3.58	t-Butanol	1790897	0.9935	0.8109
8	4.03	n-Propanol	2237533	1.0000	0.8162



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 6/9/2009
Today's Time = 3:17:27 PM
Bound File Name = Sim060909.0017.RAW
Sample Name = CCS
Date Taken = 6/9/2009 3:17:22 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 1

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.73	Ethanol	556402	0.1044
7	3.58	t-Butanol	1756997	0.9838
8	4.03	n-Propanol	2216863	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 6/9/2009
Today's Time = 3:32:26 PM
Bound File Name = Sim060909.0018.RAW
Sample Name = CCS
Date Taken = 6/9/2009 3:32:21 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 1

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.73	Ethanol	521642	0.1071
8	3.58	t-Butanol	1553514	0.9520
9	4.03	n-Propanol	2025727	1.0000