Vermont Department of Health Laboratory
Toxicology Program

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Certificate of Analysis of DataMaster External Standard Solution

On 5/12/2009, an ethanol solution was prepared by Darcy Richardson for use as a DataMaster External Standard solution. The solution was prepared per standard laboratory practice and assigned the lot number 09-40-100 and an expiration date of 5/12/2010.

On 5/22/2009 and 5/29/2009, 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 0.100 g/210L simulated breath ethanol concentration and approved for use as a DataMaster External Standard solution.

Dated at Burlington, Vermont on Monday, June 01, 2009.

Darcy Richardson

Lot # 09-40-100

Prepared by DMR 50L
Prepared on 5/12/09
expires 5/12/10 DMR
Analyzed on 5/22/09, 5/29/09
analyzed by DMR and ALB

0.0994	0.1012	**Target**	**0.100**
0.1006	0.1017		
0.0978	0.1007		
0.0957	0.1010		
0.1002	0.1003		
0.1007	0.1006		
0.1017	0.1015		
0.1008	0.1024		
0.1005	0.1020		
0.1004	0.1017		
0.1028	0.1045		
0.1006	0.1019		
0.1014	0.1016		
0.1003			
0.1002	**0.1016** mean		
0.0017135	0.001054 std dev		

Reviewed
6/2/09

File Name: C:\Methods\BloodAlcohol4.cal
Version: 118

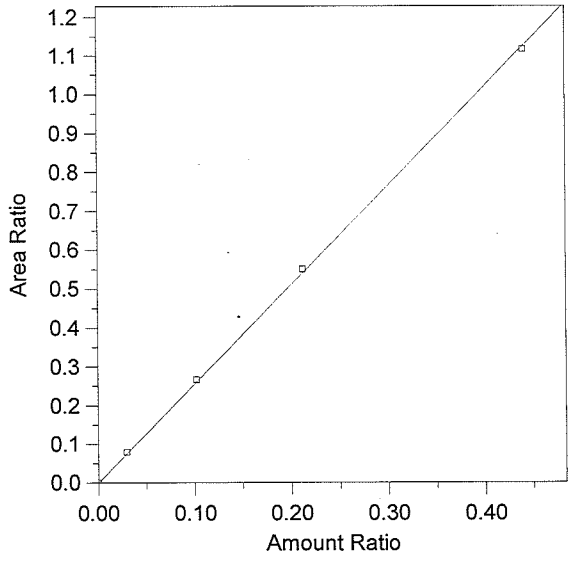
Creator:
Description:
Reason for change:

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

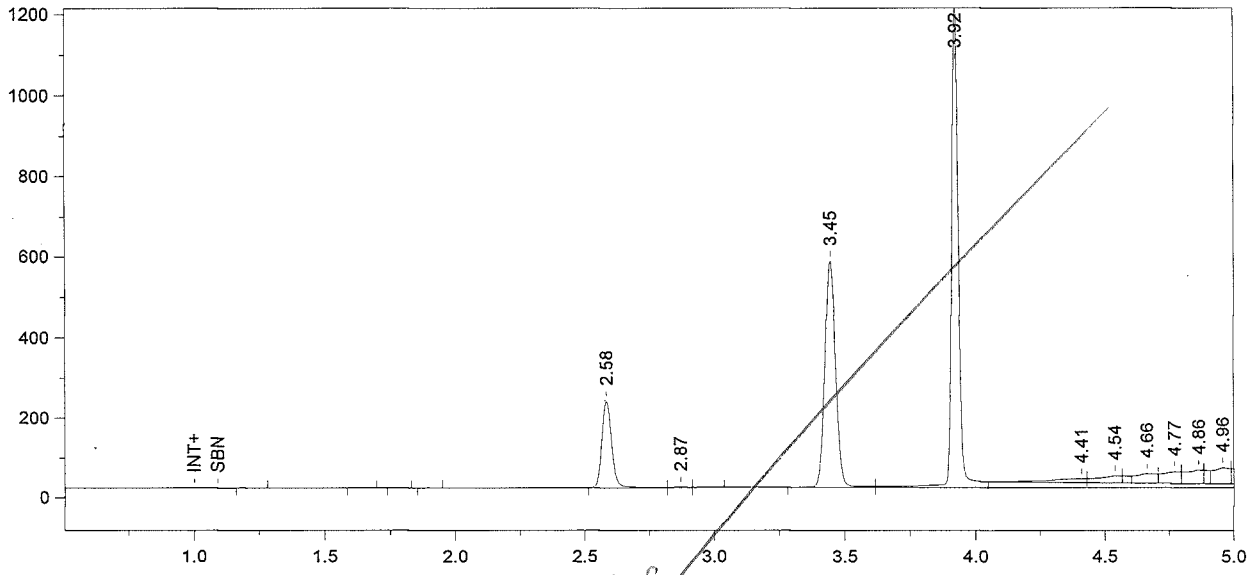
High alarm limit: 0
Low alarm limit: 0
Component constant: 0

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

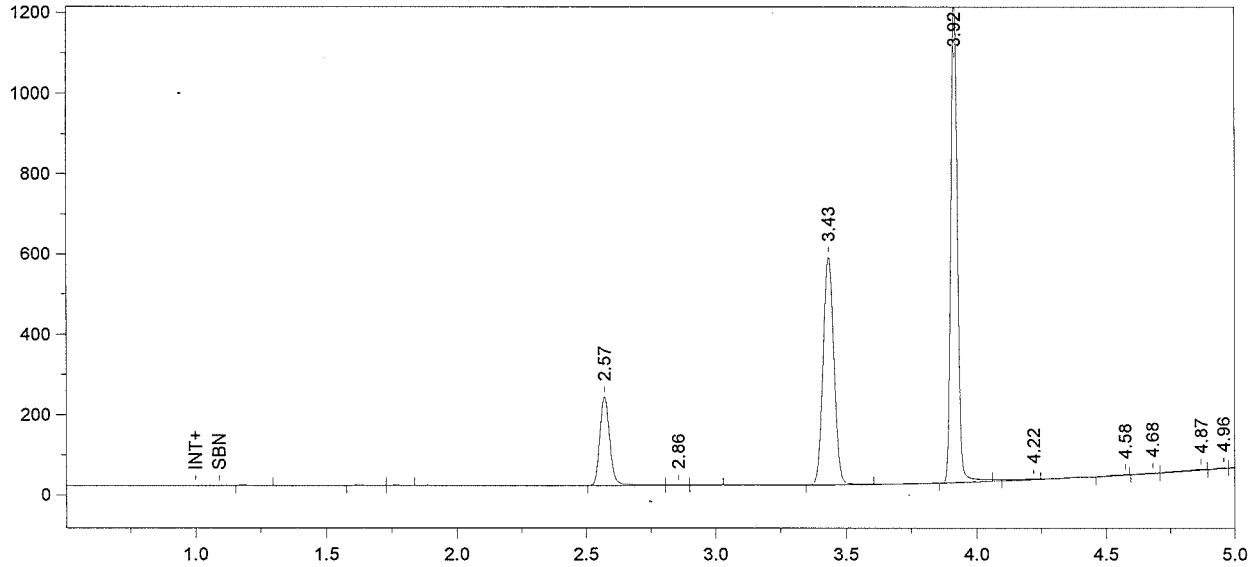


Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 5/29/2009
Today's Time = 12:32:07 PM
Bound File Name = Sim052909.0001.RAW
Sample Name = CCS
Date Taken = 5/29/2009 12:31:55 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
5	2.58	Ethanol	572861	0.0650
6	2.87	Acetone	06744	<0.005
8	3.45	t-Butanol	1608986	0.5596
9	3.92	n-Propanol	3452867	1.0000

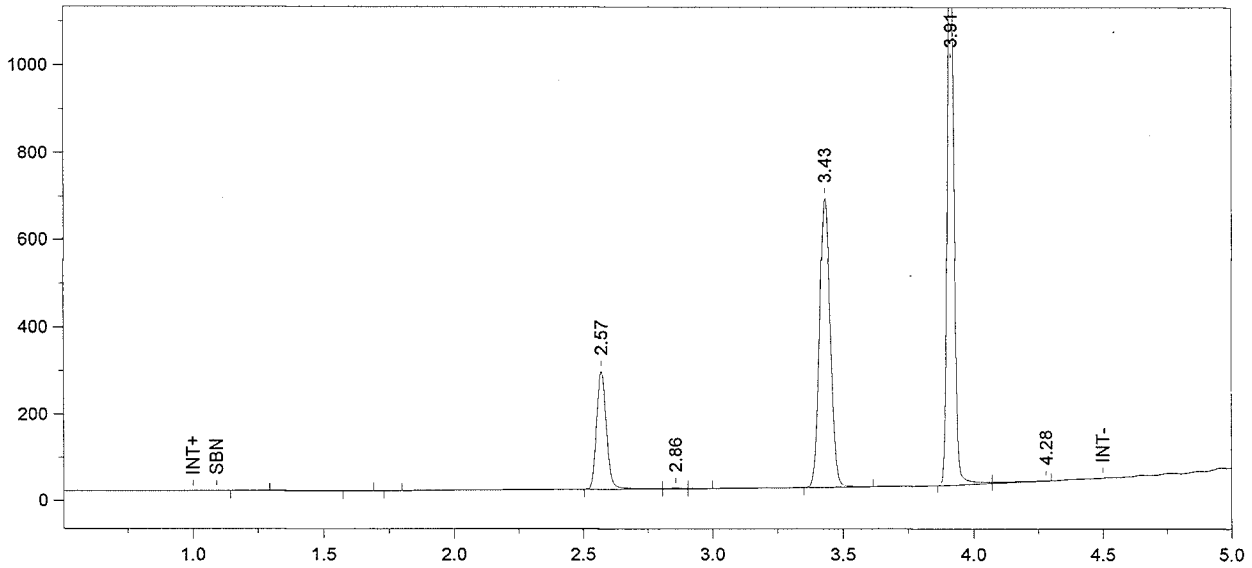
bad integration



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 5/29/2009
Today's Time = 12:46:48 PM
Bound File Name = Sim052909.0002.RAW
Sample Name = CCS
Date Taken = 5/29/2009 12:46:42 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

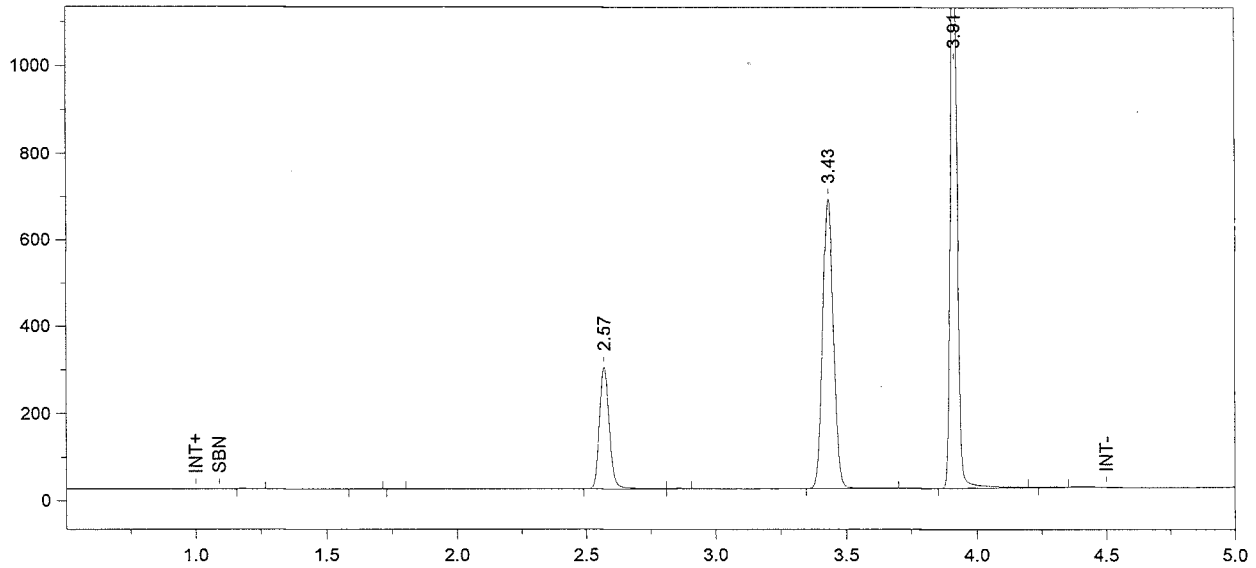
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.57	Ethanol	586727	0.1089
5	2.86	Acetone	05371	<0.005
7	3.43	t-Butanol	1624276	0.9239
8	3.92	n-Propanol	2111270	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/29/2009 Today's Time = 1:01:45 PM
Bound File Name = Sim052909.0003.RAW
Sample Name = 0.10 A DMR
Date Taken = 5/29/2009 1:01:43 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 118

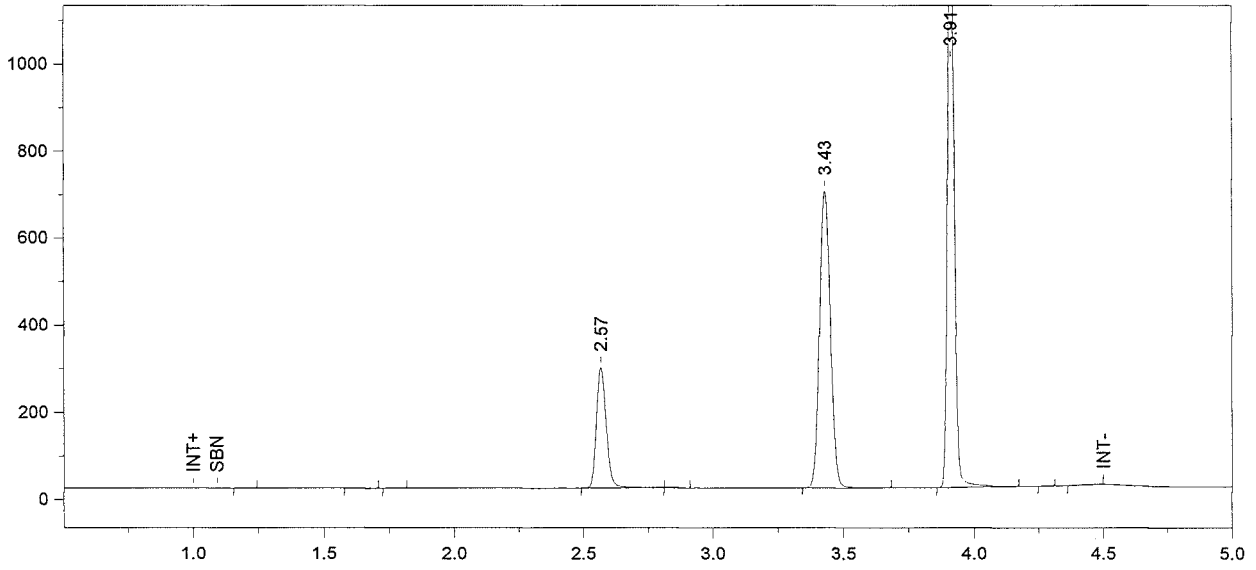
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.57	Ethanol	723871	0.1217	0.0994
5	2.86	Acetone	05868	<0.005	0.0001
7	3.43	t-Butanol	1907509	0.9827	0.8021
8	3.91	n-Propanol	2331125	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/29/2009
Today's Time = 1:16:48 PM
Bound File Name = Sim052909.0004.RAW
Sample Name = 0.10 A DMR
Date Taken = 5/29/2009 1:16:44 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

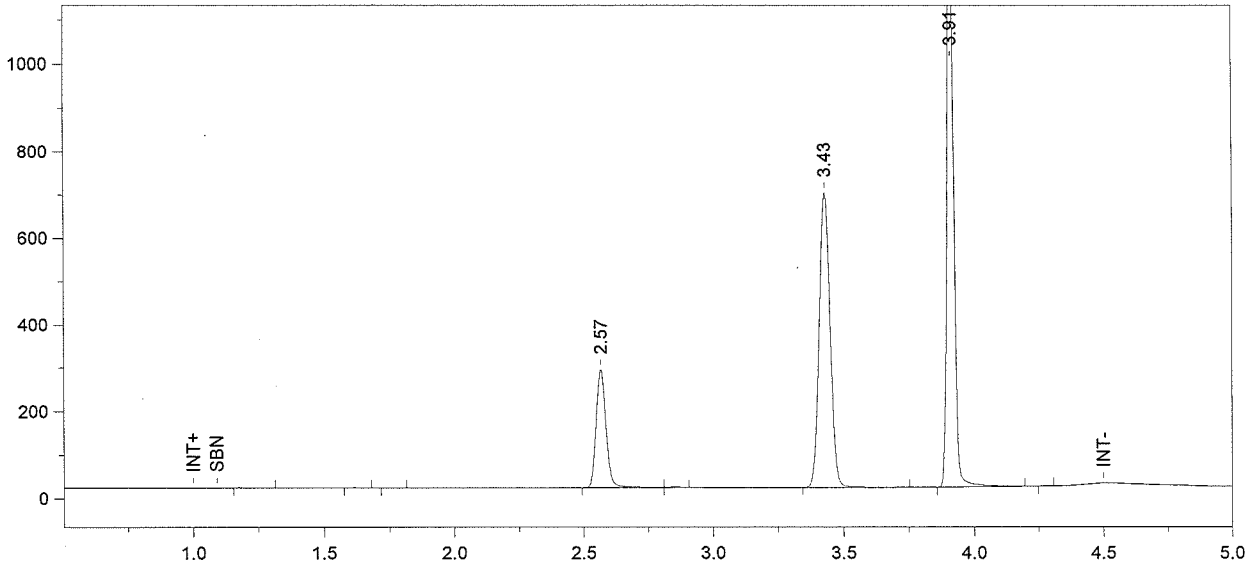
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.57	Ethanol	741612	0.1232	0.1006
6	3.43	t-Butanol	1916317	0.9755	0.7962
7	3.91	n-Propanol	2359092	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/29/2009
Today's Time = 1:31:48 PM
Bound File Name = Sim052909.0005.RAW
Sample Name = 0.10 A DMR
Date Taken = 5/29/2009 1:31:46 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

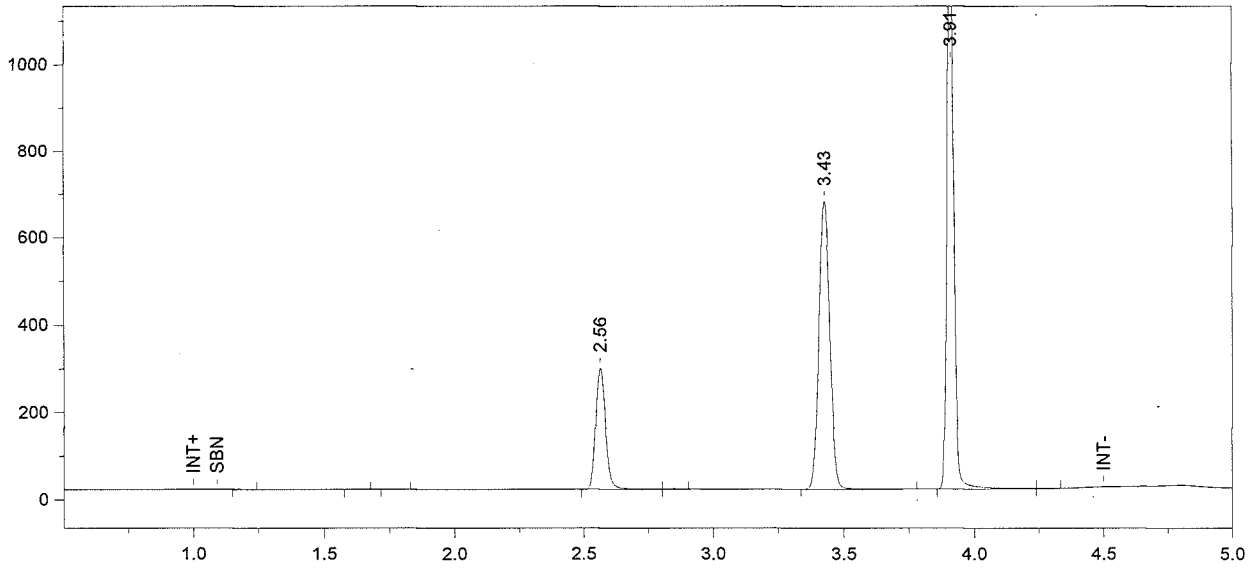
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.57	Ethanol	732920	0.1198	0.0978
6	3.43	t-Butanol	1967083	0.9847	0.8037
7	3.91	n-Propanol	2398947	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/29/2009 Today's Time = 1:46:54 PM
Bound File Name = Sim052909.0006.RAW
Sample Name = 0.10 A DMR
Date Taken = 5/29/2009 1:46:45 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 118

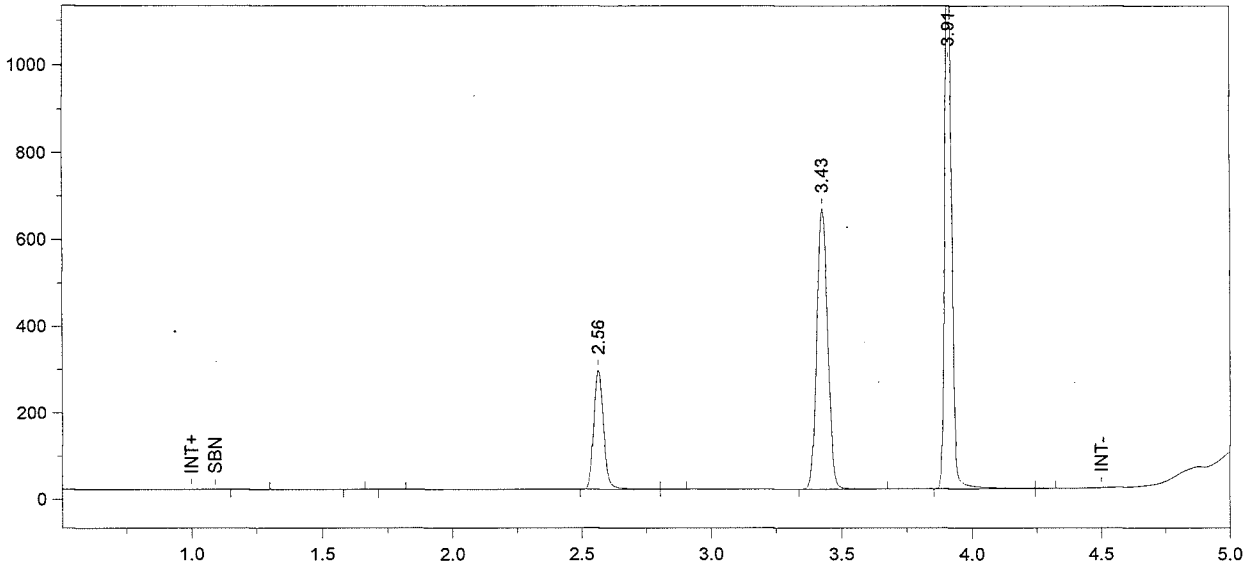
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.57	Ethanol	717006	0.1173	0.0957
6	3.43	t-Butanol	1963731	0.9840	0.8032
7	3.91	n-Propanol	2396575	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/29/2009
Today's Time = 2:02:02 PM
Bound File Name = Sim052909.0007.RAW
Sample Name = 0.10 A DMR
Date Taken = 5/29/2009 2:01:58 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

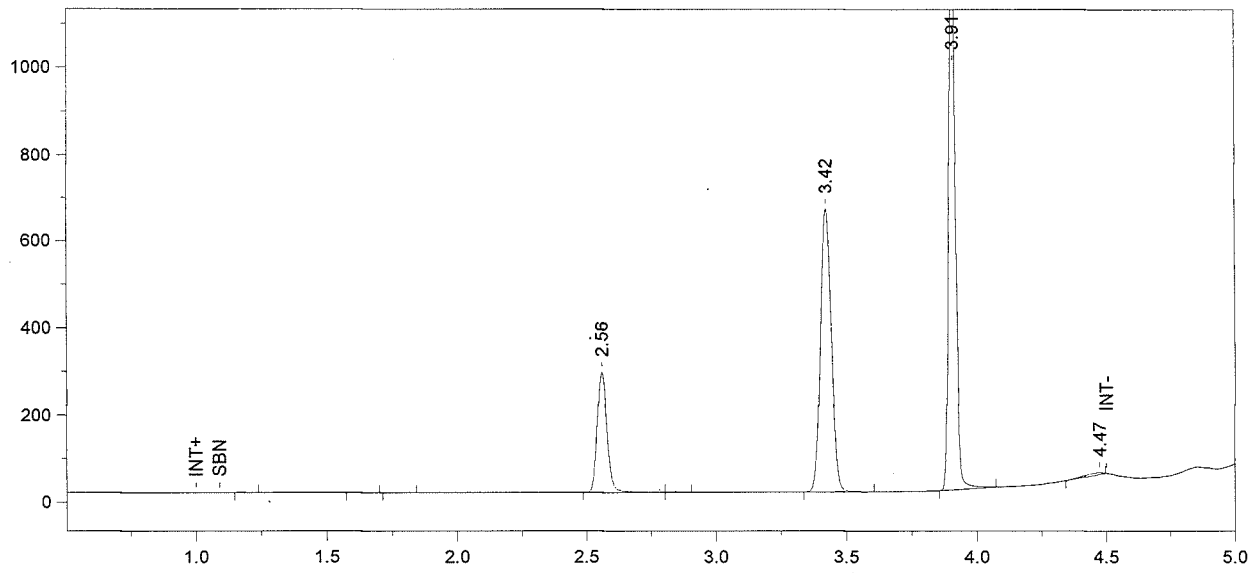
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.56	Ethanol	738814	0.1228	0.1002
6	3.43	t-Butanol	1904759	0.9698	0.7915
7	3.91	n-Propanol	2358764	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/29/2009
Today's Time = 2:17:01 PM
Bound File Name = Sim052909.0008.RAW
Sample Name = 0.10 A DMR
Date Taken = 5/29/2009 2:16:59 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

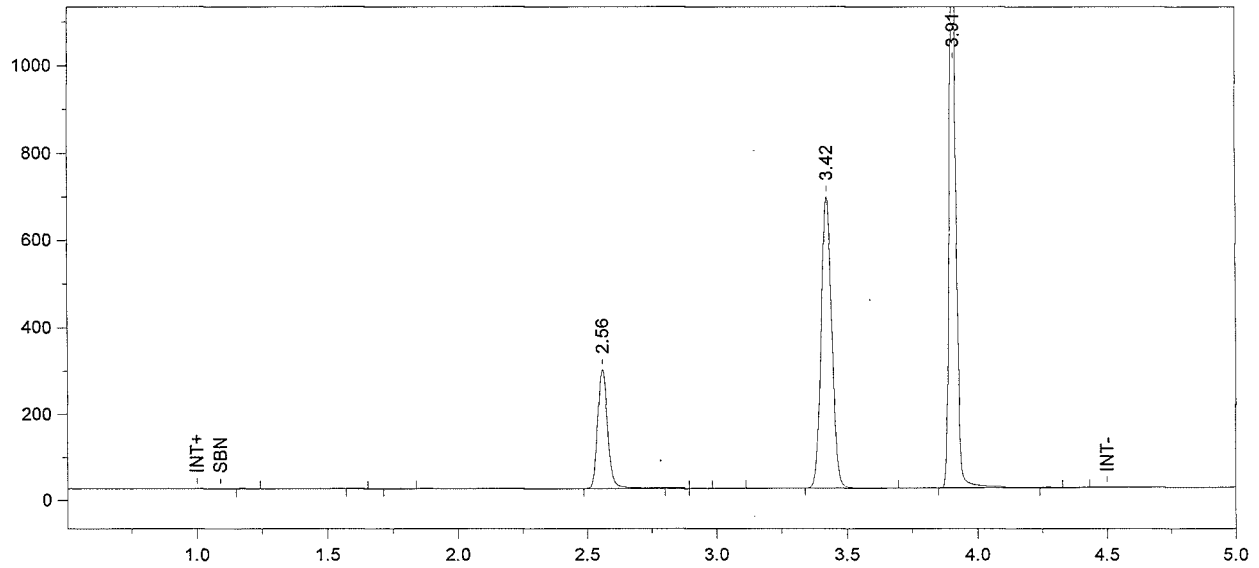
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.56	Ethanol	729899	0.1234	0.1007
6	3.43	t-Butanol	1866234	0.9663	0.7887
7	3.91	n-Propanol	2319356	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/29/2009 Today's Time = 2:31:56 PM
Bound File Name = Sim052909.0009.RAW
Sample Name = 0.10 A DMR
Date Taken = 5/29/2009 2:31:49 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 118

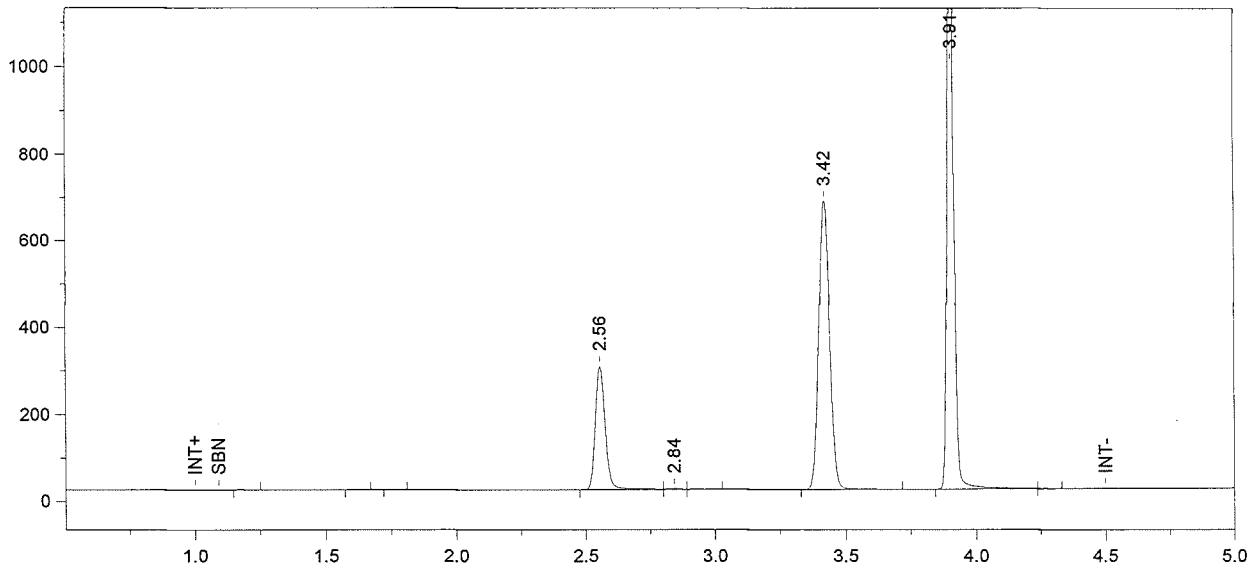
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.56	Ethanol	732589	0.1246	0.1017
6	3.42	t-Butanol	1871813	0.9755	0.7962
7	3.91	n-Propanol	2304395	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/29/2009
Today's Time = 2:46:55 PM
Bound File Name = Sim052909.0010.RAW
Sample Name = 0.10 A ALB
Date Taken = 5/29/2009 2:46:50 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

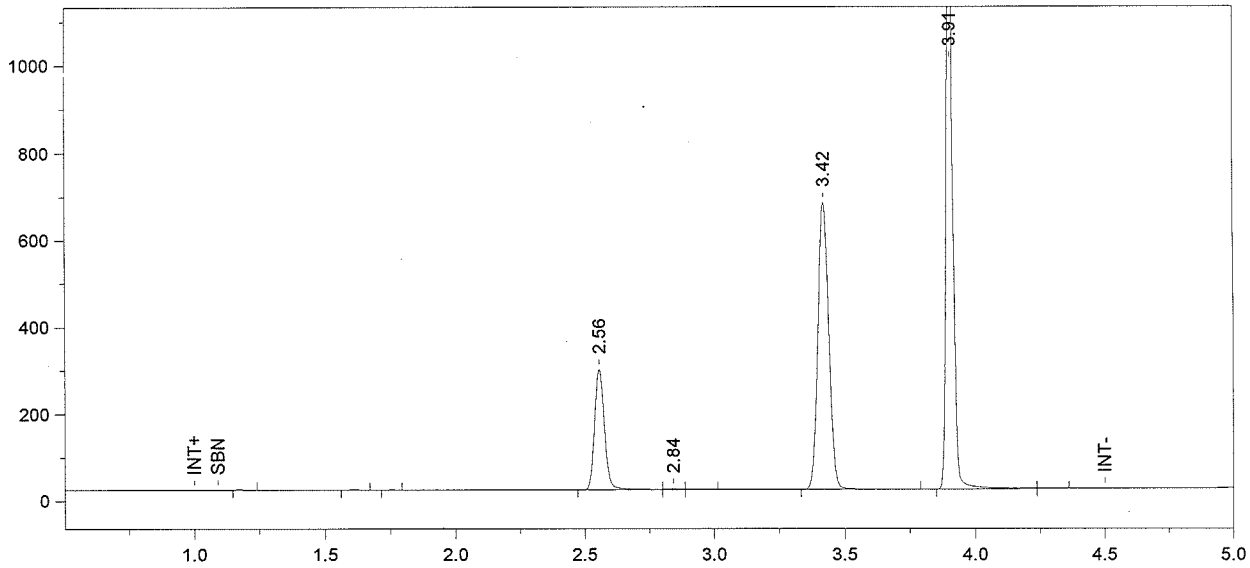
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.56	Ethanol	746026	0.1235	0.1008
7	3.42	t-Butanol	1903617	0.9656	0.7881
8	3.91	n-Propanol	2367639	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/29/2009 Today's Time = 3:01:54 PM
Bound File Name = Sim052909.0011.RAW
Sample Name = 0.10 A ALB
Date Taken = 5/29/2009 3:01:50 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 118

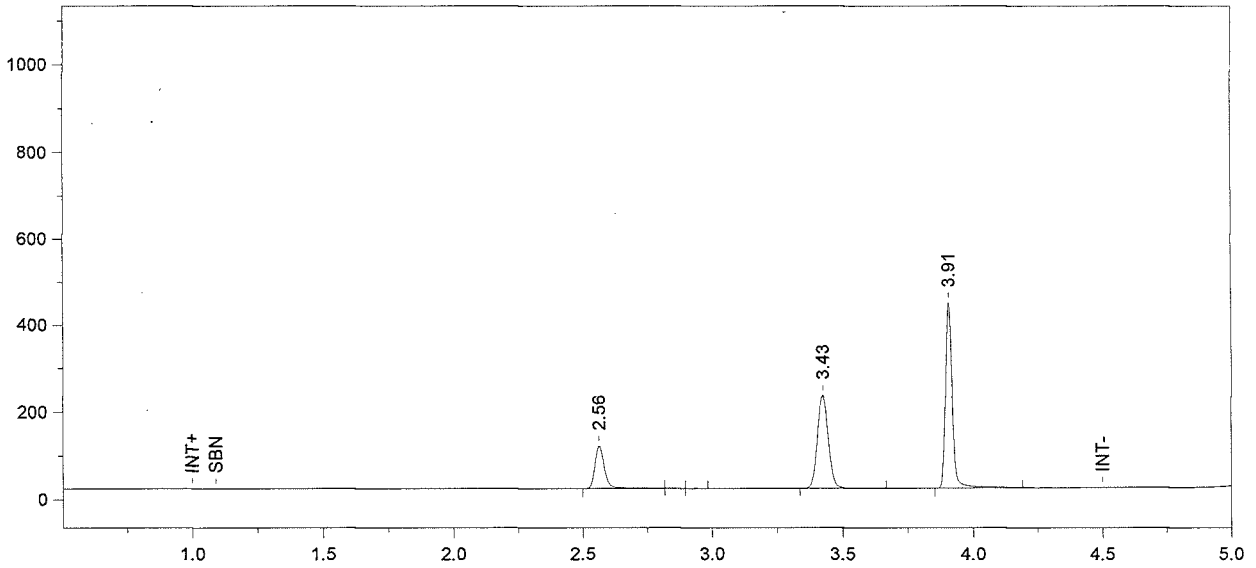
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.56	Ethanol	753675	0.1232	0.1005
5	2.84	Acetone	05905	<0.005	0.0001
7	3.42	t-Butanol	1918998	0.9606	0.7841
8	3.91	n-Propanol	2399030	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/29/2009 Today's Time = 3:16:59 PM
Bound File Name = Sim052909.0012.RAW
Sample Name = 0.10 A ALB
Date Taken = 5/29/2009 3:16:51 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 118

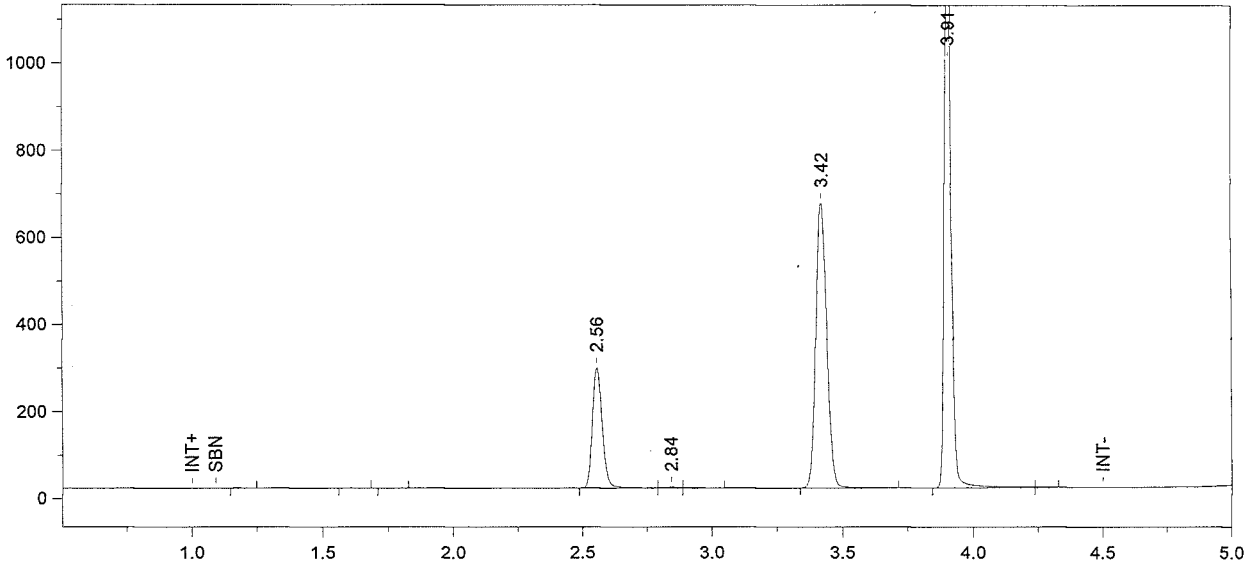
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.56	Ethanol	738452	0.1230	0.1004
5	2.84	Acetone	05429	<0.005	0.0001
7	3.42	t-Butanol	1903278	0.9711	0.7926
8	3.91	n-Propanol	2353784	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/29/2009 Today's Time = 3:31:56 PM
Bound File Name = Sim052909.0013.RAW
Sample Name = 0.10 A ALB
Date Taken = 5/29/2009 3:31:54 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
1	2.56	Ethanol	244121	0.1259	0.1028
4	3.43	t-Butanol	610286	0.9644	0.7872
5	3.91	n-Propanol	759917	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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Today's Time = 3:47:03 PM
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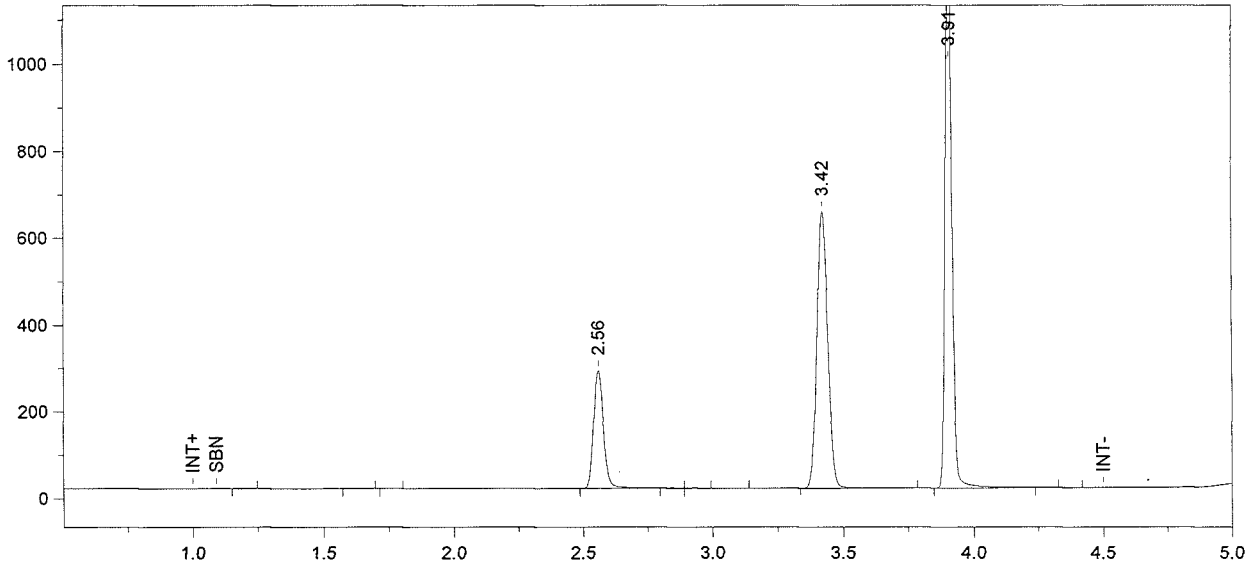
Sample Name = 0.10 A ALB
Date Taken = 5/29/2009 3:46:56 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.56	Ethanol	739339	0.1233	0.1006
5	2.84	Acetone	06600	<0.005	0.0002
7	3.42	t-Butanol	1895406	0.9681	0.7901
8	3.91	n-Propanol	2351320	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

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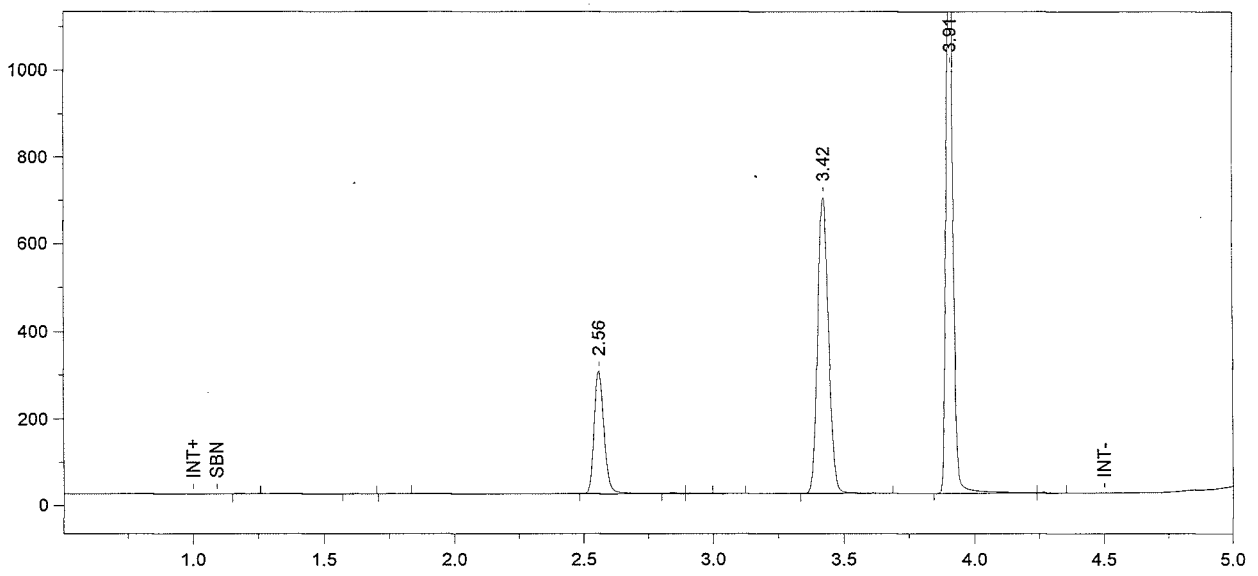
Today's Time = 4:02:04 PM
Bound File Name = Sim052909.0015.RAW
Sample Name = 0.10 A ALB
Date Taken = 5/29/2009 4:01:56 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

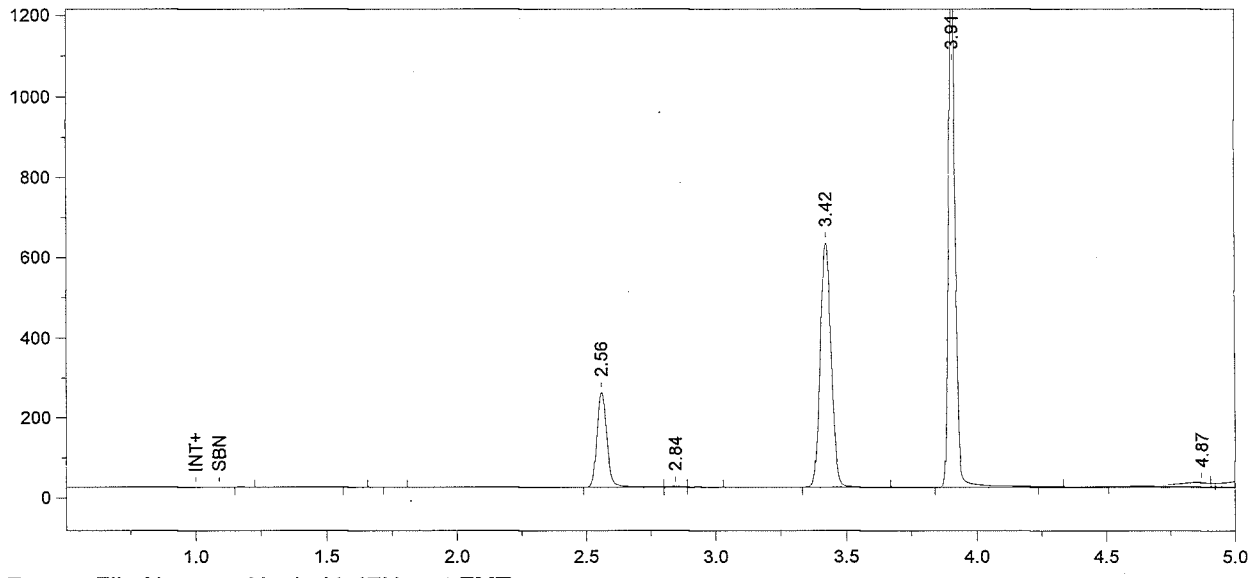
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
4	2.56	Ethanol	729741	0.1242	0.1014
7	3.42	t-Butanol	1833903	0.9562	0.7804
8	3.91	n-Propanol	2303279	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/29/2009
Today's Time = 4:17:05 PM
Bound File Name = Sim052909.0016.RAW
Sample Name = 0.10 A ALB
Date Taken = 5/29/2009 4:16:58 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	2.56	Ethanol	758163	0.1229	0.1003
7	3.42	t-Butanol	1963100	0.9752	0.7959
8	3.91	n-Propanol	2417551	1.0000	0.8162



Format File Name = Alcohol4-JFH.met.FMT

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Today's Time = 4:32:02 PM
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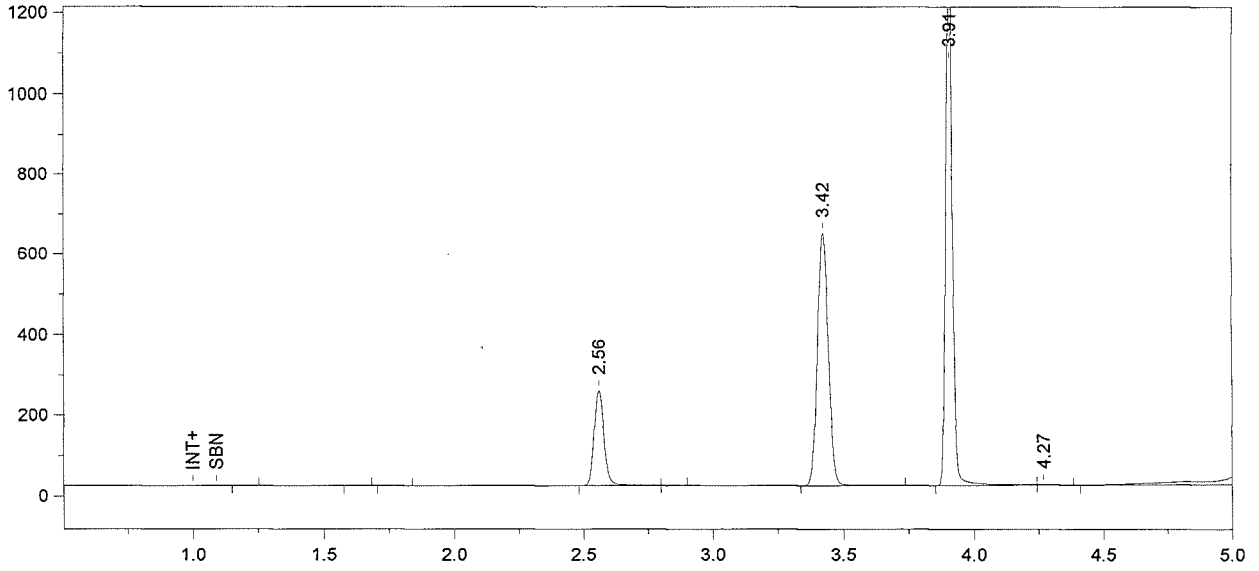
Sample Name = CCS
Date Taken = 5/29/2009 4:31:59 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 118

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.56	Ethanol	635974	0.1006
5	2.84	Acetone	05715	<0.005
7	3.42	t-Butanol	1768422	0.8569
8	3.91	n-Propanol	2478329	1.0000



Format File Name = Alcohol4-JFH.met.FMT

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Sample Name = CCS
Date Taken = 5/29/2009 4:46:59 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	2.56	Ethanol	627114	0.1062
6	3.42	t-Butanol	1806644	0.9375
7	3.91	n-Propanol	2314380	1.0000

File Name: C:\Methods\BloodAlcohol4.cal
Version: 106

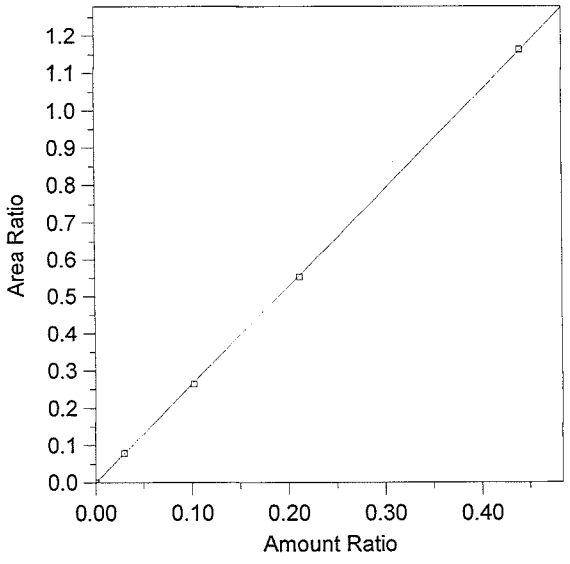
Creator:
Description:
Reason for change:

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:	2.432 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

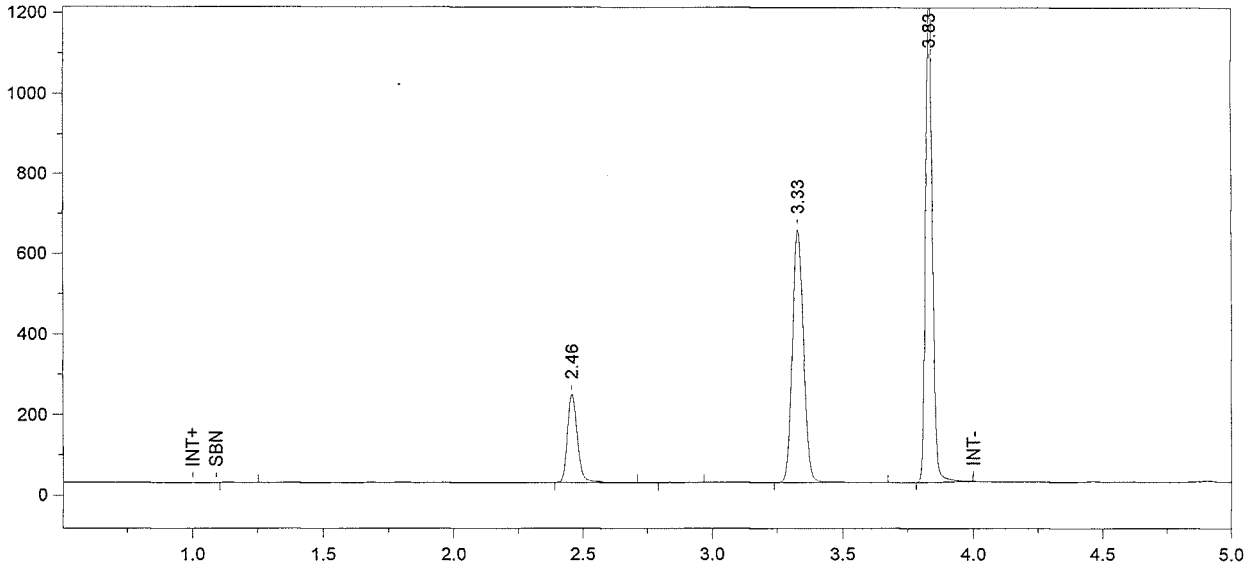
Single peak quantification by area

Y = 2.633648 X + 0

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.99993
Average error:	0.751%
Average CF:	2.097099
RSD:	55.917%

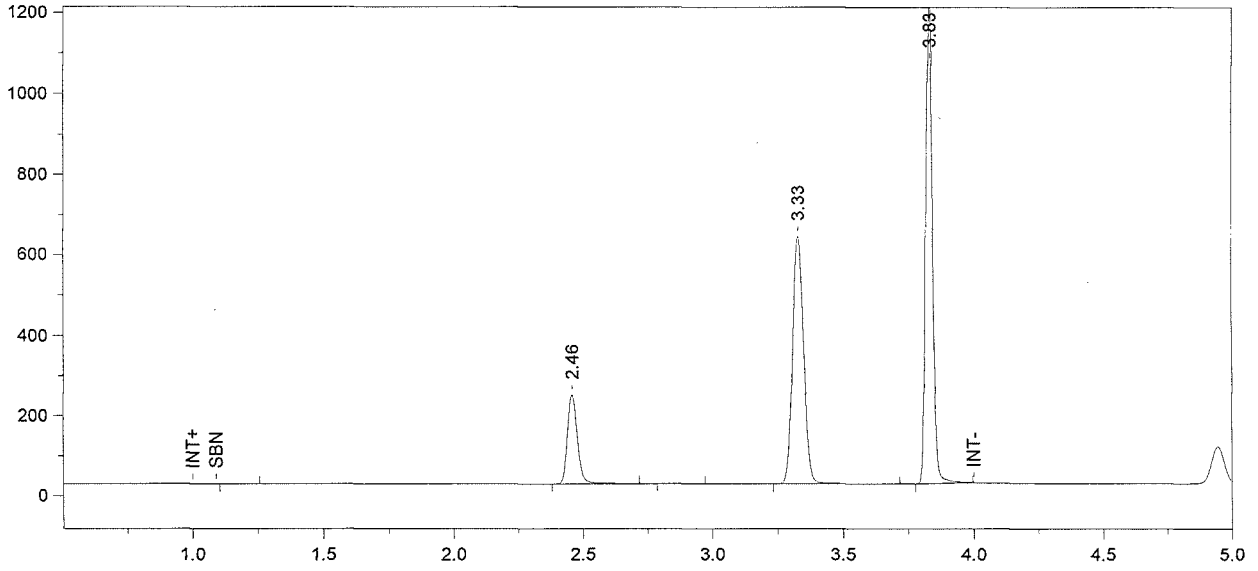
Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	0	(0)	–	0.000	0	0	Manual	4/11/2005 10:03:40 AM
2	0.0296	177860	6008784	0.647	0.0296	7.846037E-02	c:\Alcohol Data\alc051409\alc051409.0003.BND	5/14/2009 9:24:05 AM
3	0.1022	601063.8	5881251	-1.973	0.1022	0.2638497	c:\Alcohol Data\alc051409\alc051409.0004.BND	5/14/2009 9:39:14 AM
4	0.212	1307720	6168491	-0.836	0.212	0.5536654	c:\Alcohol Data\alc051409\alc051409.0005.BND	5/14/2009 9:54:12 AM
5	0.4402	2685690	6101068	0.297	0.4402	1.162779	c:\Alcohol Data\alc051409\alc051409.0006.BND	5/14/2009 10:09:08 AM



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 5/22/2009
Today's Time = 1:58:24 PM
Bound File Name = sim052009c.0007.RAW
Sample Name = CCS
Date Taken = 5/22/2009 12:33:41 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

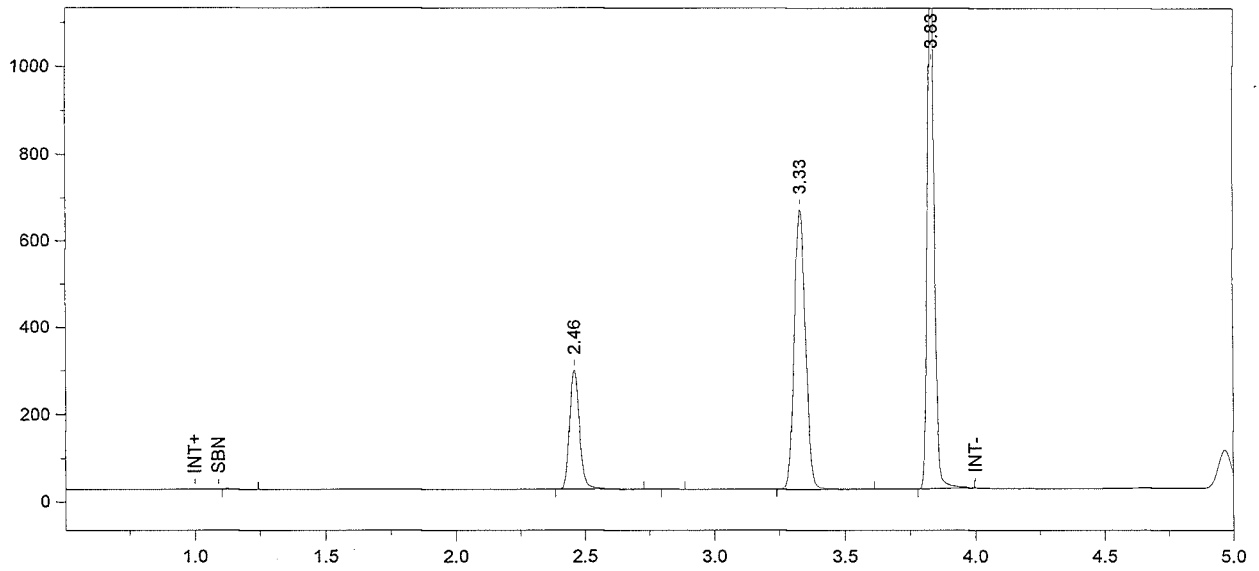
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.46	Ethanol	588368	0.1010
4	3.33	t-Butanol	1857112	0.9769
5	3.83	n-Propanol	2211235	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 5/22/2009
Today's Time = 1:58:28 PM
Bound File Name = sim052009c.0008.RAW
Sample Name = CCS
Date Taken = 5/22/2009 12:48:40 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

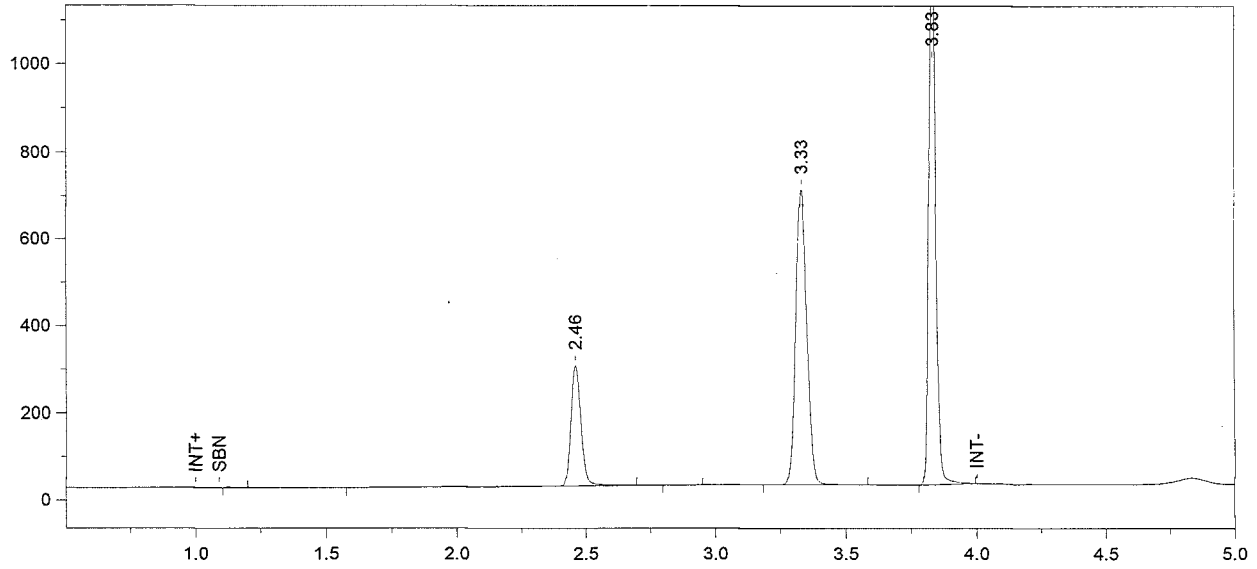
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.46	Ethanol	603053	0.1058
4	3.33	t-Butanol	1815884	0.9757
5	3.83	n-Propanol	2164614	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/22/2009
Today's Time = 1:03:36 PM
Bound File Name = sim052009c.0009.RAW
Sample Name = 0.10 A ALB
Date Taken = 5/22/2009 1:03:29 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

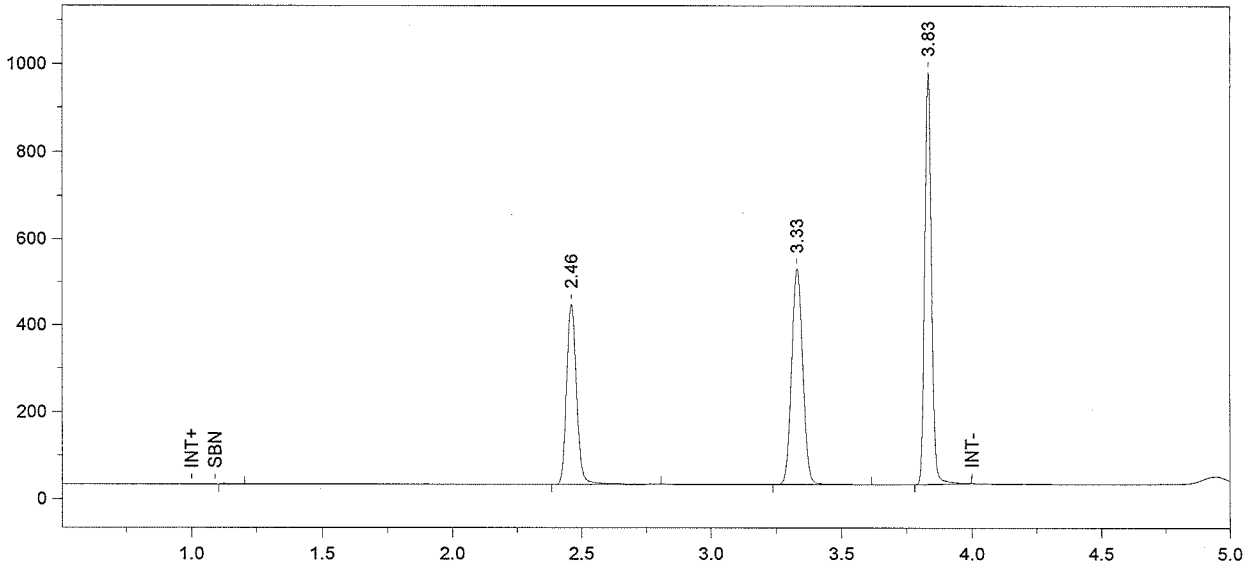
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.46	Ethanol	732517	0.1240	0.1012
4	3.33	t-Butanol	1914152	0.9923	0.8099
5	3.83	n-Propanol	2243657	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/22/2009
Today's Time = 1:18:35 PM
Bound File Name = sim052009c.0010.RAW
Sample Name = 0.10 A ALB
Date Taken = 5/22/2009 1:18:30 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.46	Ethanol	757877	0.1246	0.1017
4	3.33	t-Butanol	1985594	0.9996	0.8159
5	3.83	n-Propanol	2310324	1.0000	0.8162

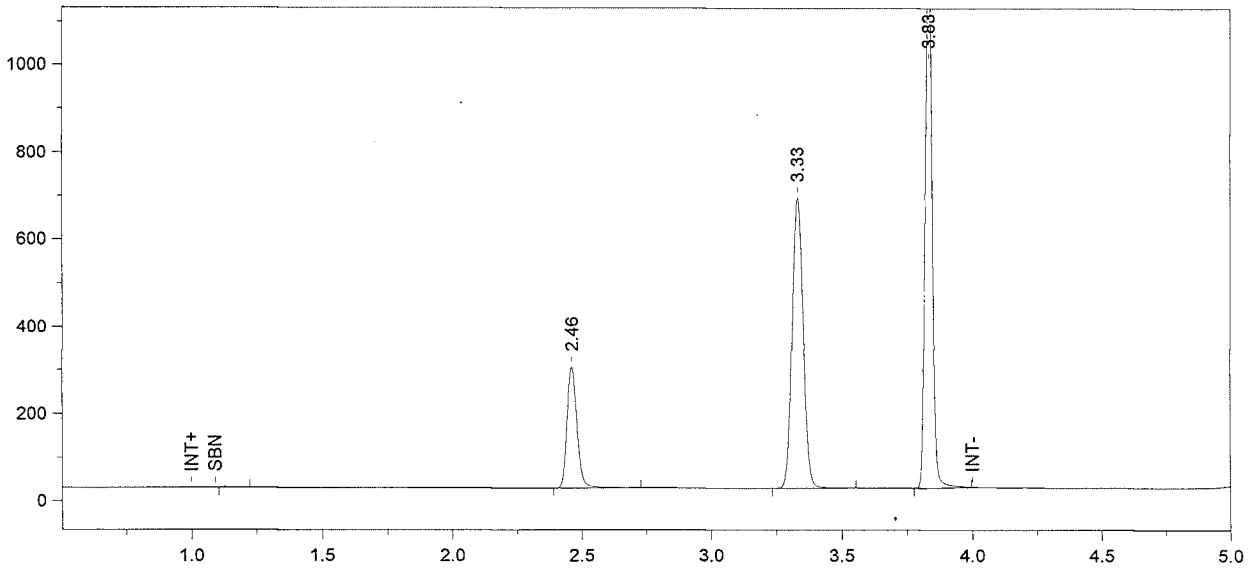


Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/22/2009 Today's Time = 1:33:38 PM
Bound File Name = sim052009c.0011.RAW
Sample Name = 0.10 A ALB
Date Taken = 5/22/2009 1:33:32 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 106

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.46	Ethanol	1112133	0.2472	0.2018
3	3.33	t-Butanol	1473392	1.0034	0.8189
4	3.83	n-Propanol	1708007	1.0000	0.8162

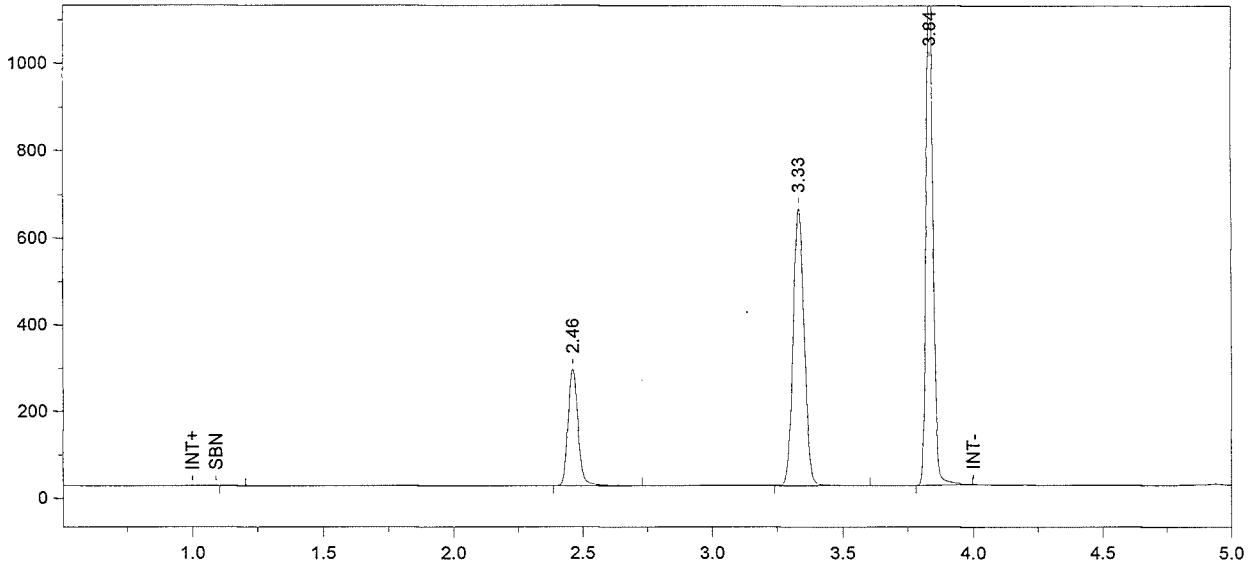
double spiked point dropped



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/22/2009
Today's Time = 1:48:36 PM
Bound File Name = sim052009c.0012.RAW
Sample Name = 0.10 A ALB
Date Taken = 5/22/2009 1:48:33 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

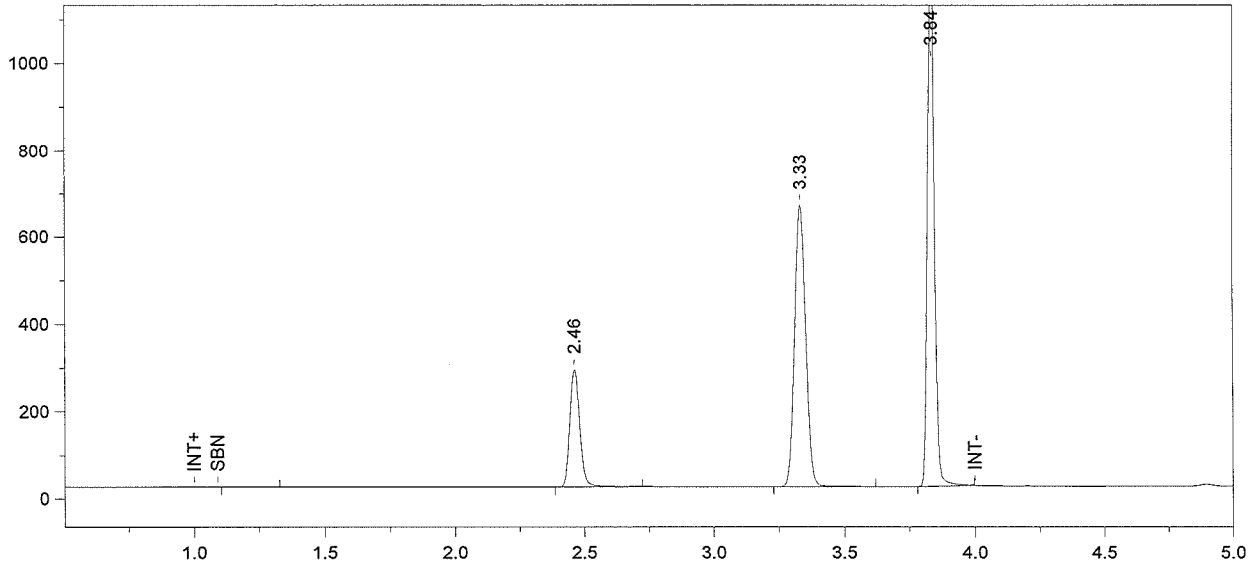
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.46	Ethanol	740154	0.1234	0.1007
3	3.33	t-Butanol	1960362	1.0012	0.8172
4	3.83	n-Propanol	2277461	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/22/2009 Today's Time = 2:03:43 PM
Bound File Name = sim052009c.0013.RAW
Sample Name = 0.10 A ALB
Date Taken = 5/22/2009 2:03:36 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 106

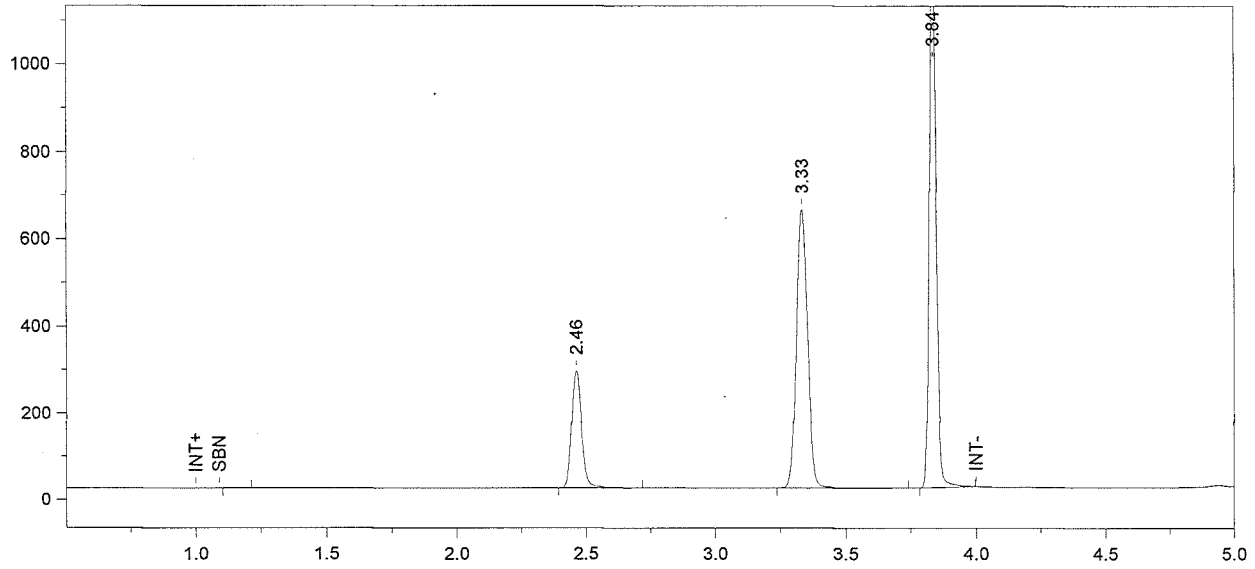
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.46	Ethanol	723679	0.1238	0.1010
3	3.33	t-Butanol	1893695	0.9920	0.8097
4	3.84	n-Propanol	2220257	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/22/2009
Today's Time = 3:39:59 PM
Bound File Name = sim052009c.0014.RAW
Sample Name = 0.10A ALB
Date Taken = 5/22/2009 2:18:36 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

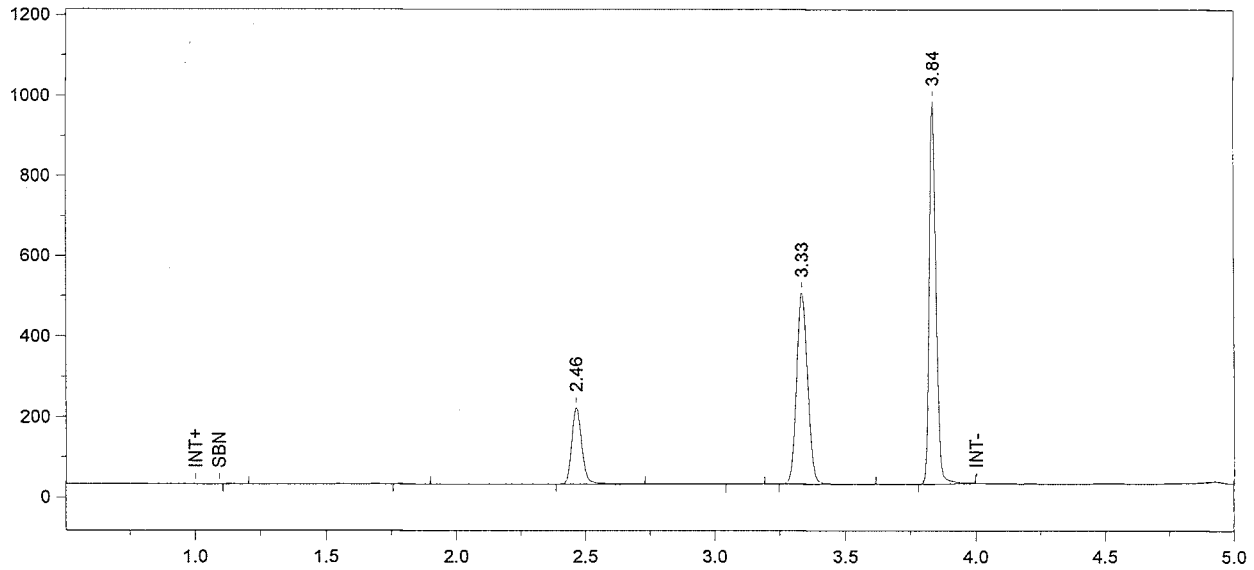
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.46	Ethanol	721568	0.1229	0.1003
3	3.33	t-Butanol	1903329	0.9934	0.8108
4	3.84	n-Propanol	2228446	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/22/2009 Today's Time = 3:40:06 PM
Bound File Name = sim052009c.0015.RAW
Sample Name = 0.10 A ALB
Date Taken = 5/22/2009 2:33:38 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 106

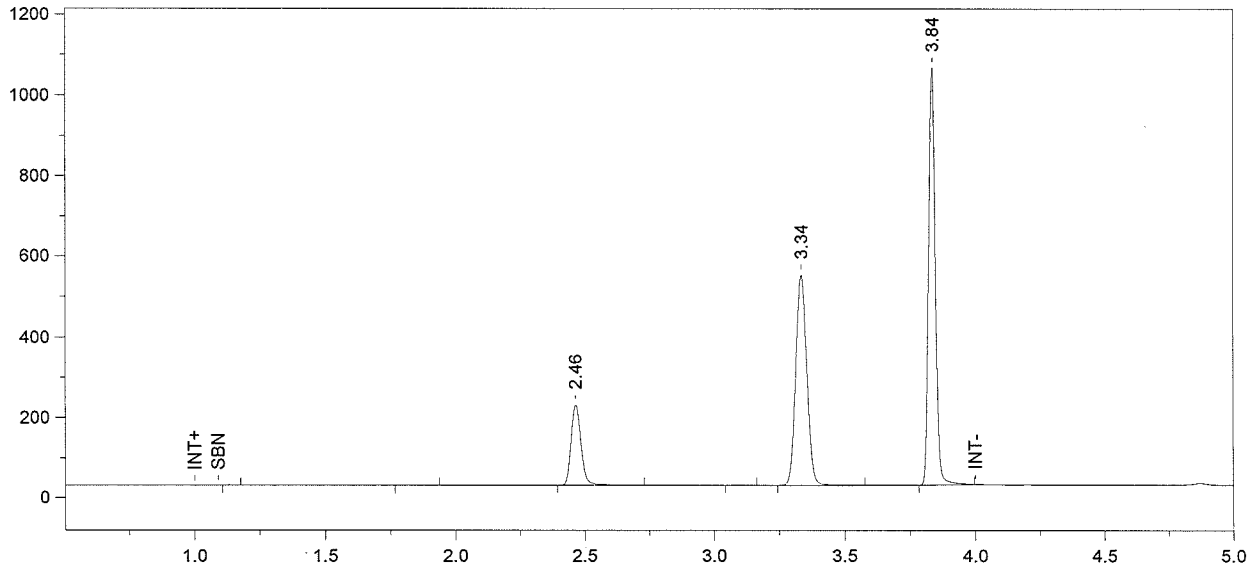
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.46	Ethanol	725941	0.1233	0.1006
3	3.33	t-Butanol	1899661	0.9884	0.8067
4	3.84	n-Propanol	2235544	1.0000	0.8162



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 5/22/2009
Today's Time = 3:40:10 PM
Bound File Name = sim052009c.0016.RAW
Sample Name = CCS
Date Taken = 5/22/2009 2:48:37 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

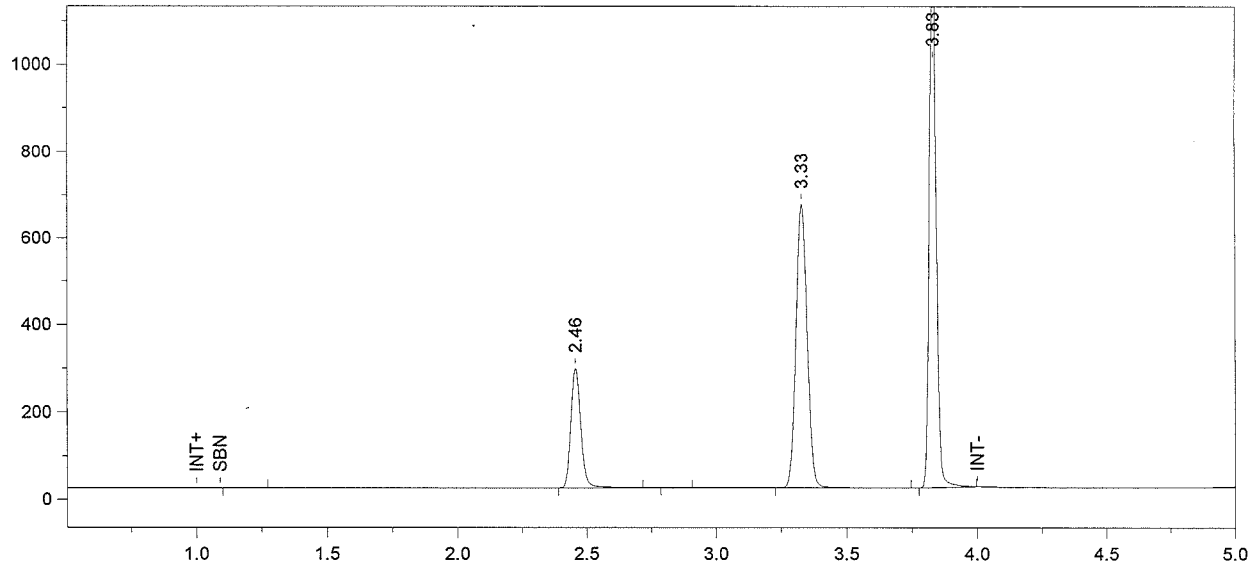
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.46	Ethanol	516764	0.1148
5	3.33	t-Butanol	1397033	0.9507
6	3.84	n-Propanol	1709237	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 5/22/2009
Today's Time = 3:40:14 PM
Bound File Name = sim052009c.0017.RAW
Sample Name = CCS
Date Taken = 5/22/2009 3:03:36 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

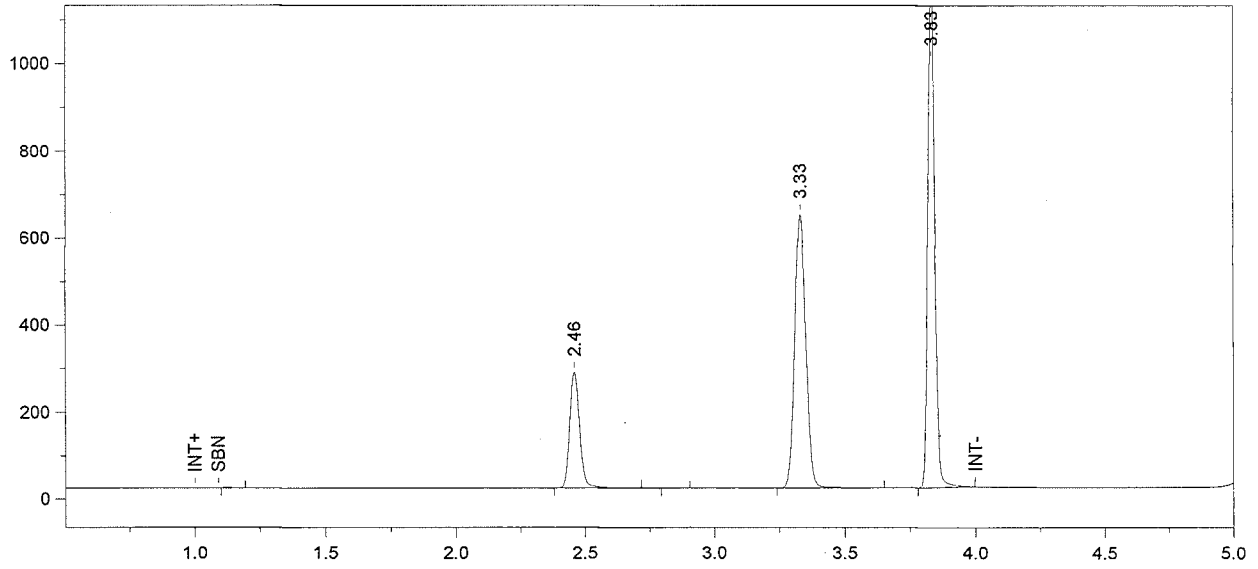
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.46	Ethanol	544419	0.1105
5	3.34	t-Butanol	1543548	0.9596
6	3.84	n-Propanol	1870979	1.0000



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/21/2009 Today's Time = 9:58:45 PM
Bound File Name = sim052009b.0019.RAW
Sample Name = 0.10 A DMR
Date Taken = 5/21/2009 9:58:41 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 106

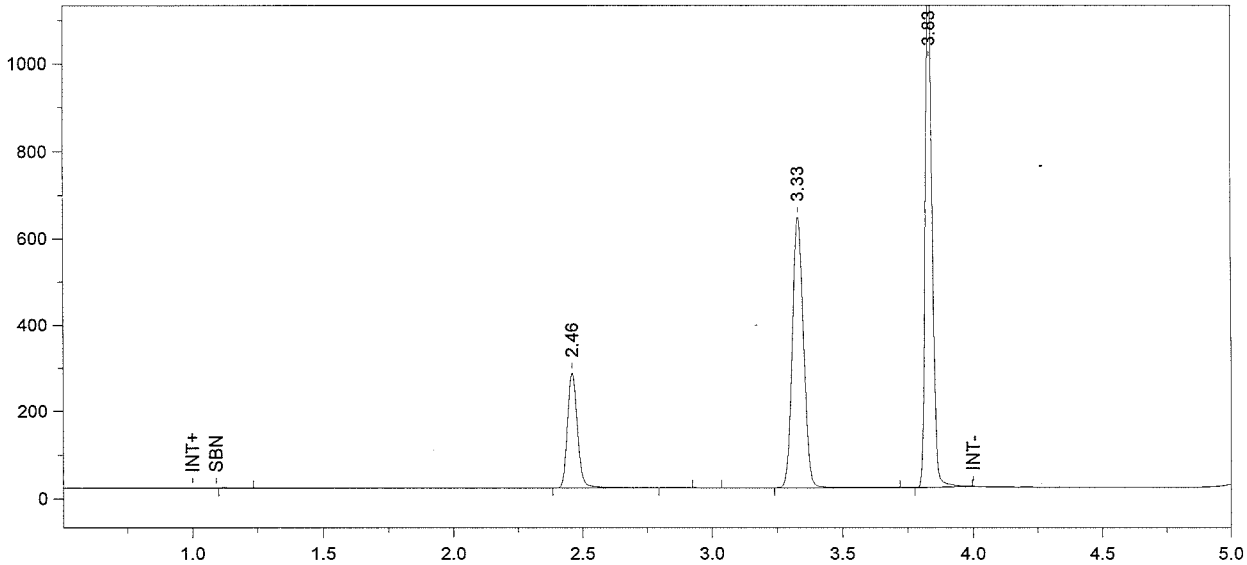
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.46	Ethanol	734251	0.1243	0.1015
4	3.33	t-Butanol	1930169	1.0012	0.8172
5	3.83	n-Propanol	2242399	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/21/2009
Today's Time = 10:13:53 PM
Bound File Name = sim052009b.0020.RAW
Sample Name = 0.10 A DMR
Date Taken = 5/21/2009 10:13:44 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

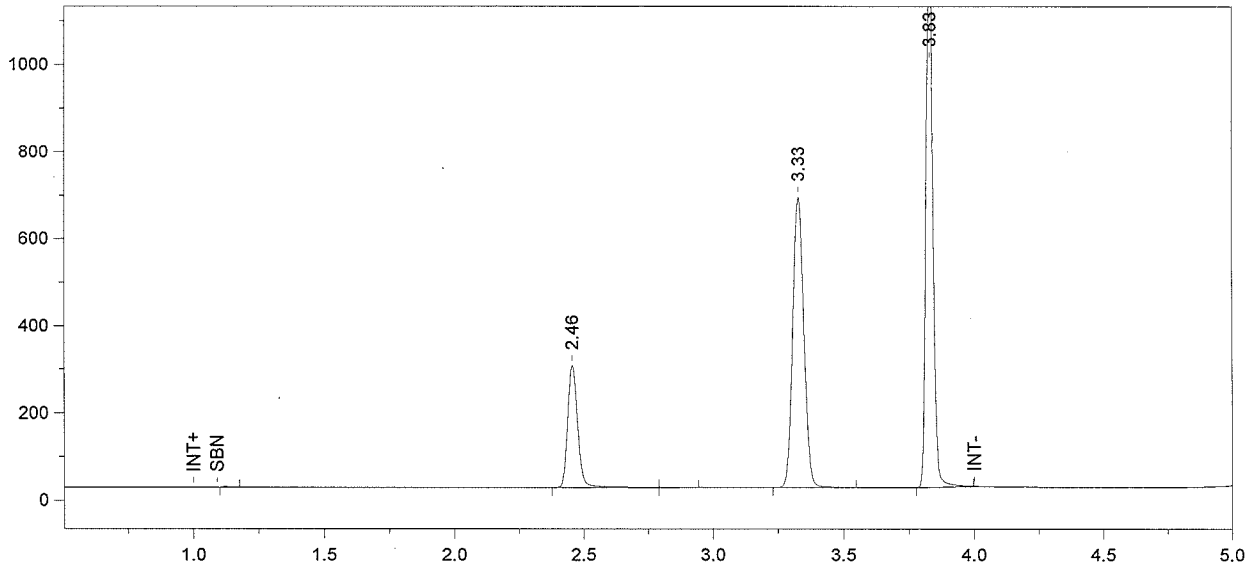
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.46	Ethanol	715803	0.1255	0.1024
4	3.33	t-Butanol	1855496	0.9964	0.8133
5	3.83	n-Propanol	2165982	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/21/2009 Today's Time = 10:28:34 PM
Bound File Name = sim052009b.0021.RAW
Sample Name = 0.10 A DMR
Date Taken = 5/21/2009 10:28:31 PM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal Calibration Version = 106

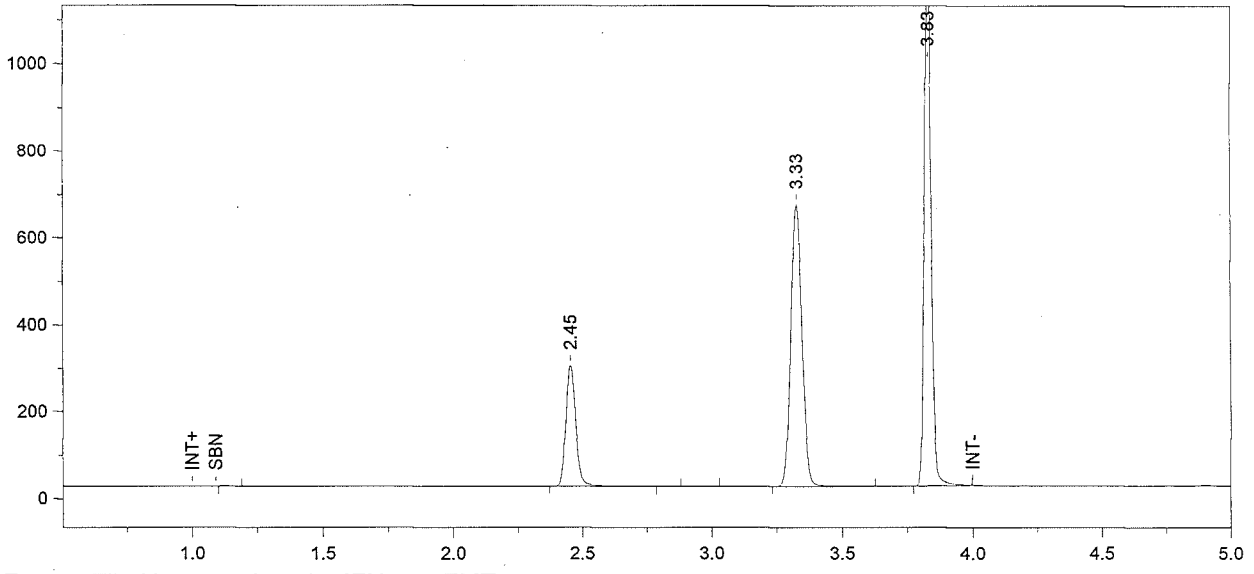
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.46	Ethanol	713879	0.1250	0.1020
4	3.33	t-Butanol	1850657	0.9927	0.8103
5	3.83	n-Propanol	2168262	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/21/2009
Today's Time = 10:43:37 PM
Bound File Name = sim052009b.0022.RAW
Sample Name = 0.10 A DMR
Date Taken = 5/21/2009 10:43:32 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

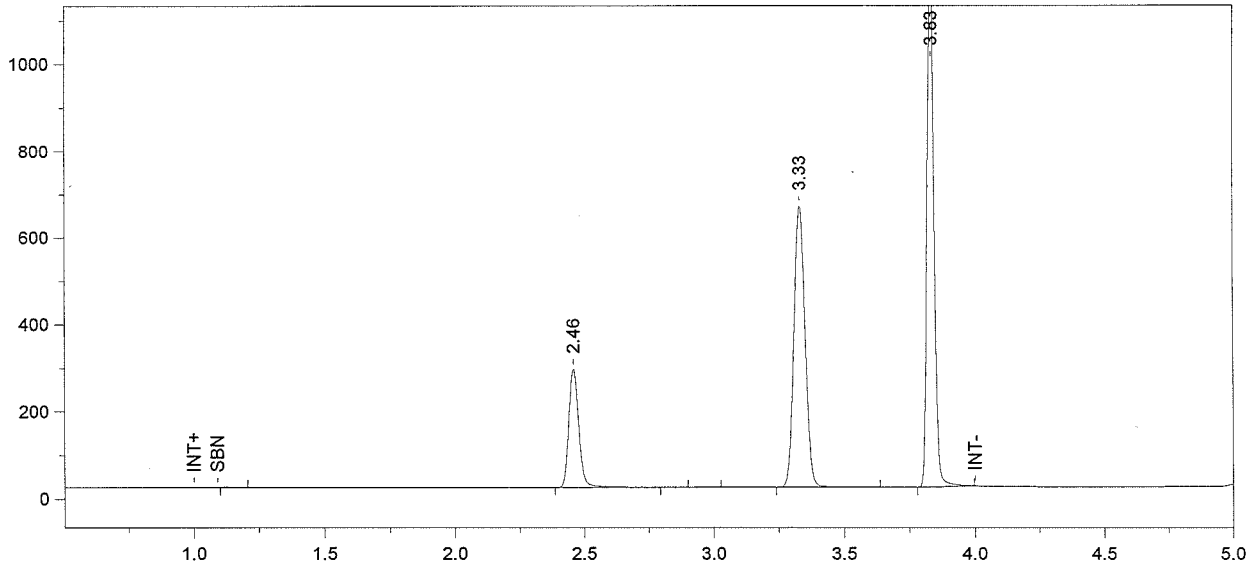
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.46	Ethanol	754550	0.1247	0.1017
4	3.33	t-Butanol	1974376	0.9991	0.8155
5	3.83	n-Propanol	2298409	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/21/2009
Today's Time = 10:58:34 PM
Bound File Name = sim052009b.0023.RAW
Sample Name = 0.10 A DMR
Date Taken = 5/21/2009 10:58:33 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

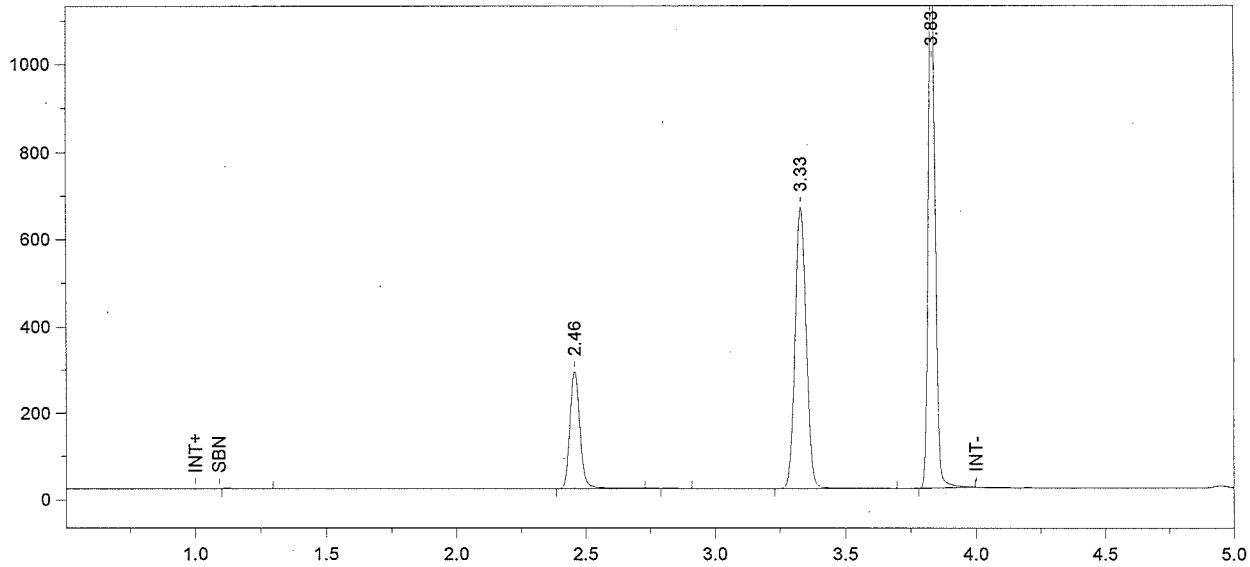
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.45	Ethanol	752952	0.1280	0.1045
4	3.33	t-Butanol	1924398	1.0020	0.8178
5	3.83	n-Propanol	2233926	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/21/2009
Today's Time = 11:13:48 PM
Bound File Name = sim052009b.0024.RAW
Sample Name = 0.10 A DMR
Date Taken = 5/21/2009 11:13:36 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

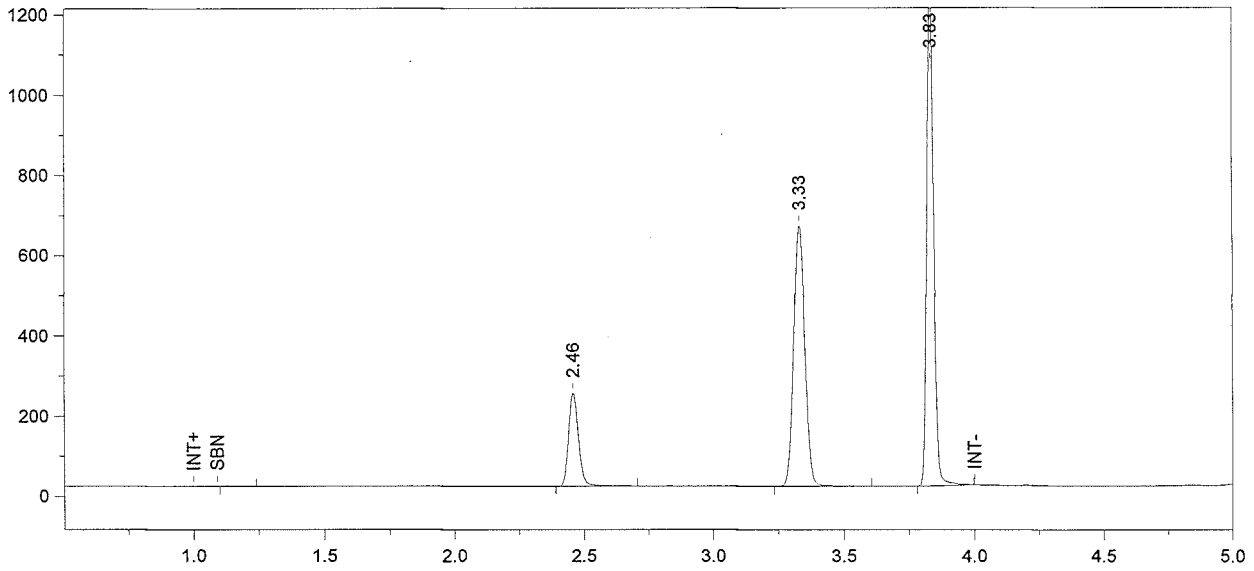
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.46	Ethanol	733936	0.1249	0.1019
4	3.33	t-Butanol	1915613	0.9985	0.8150
5	3.83	n-Propanol	2231483	1.0000	0.8162



Format File Name = simsoln-JFH.met.FMT

Today's Date = 5/21/2009
Today's Time = 11:28:41 PM
Bound File Name = sim052009b.0025.RAW
Sample Name = 0.10 A DMR
Date Taken = 5/21/2009 11:28:37 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

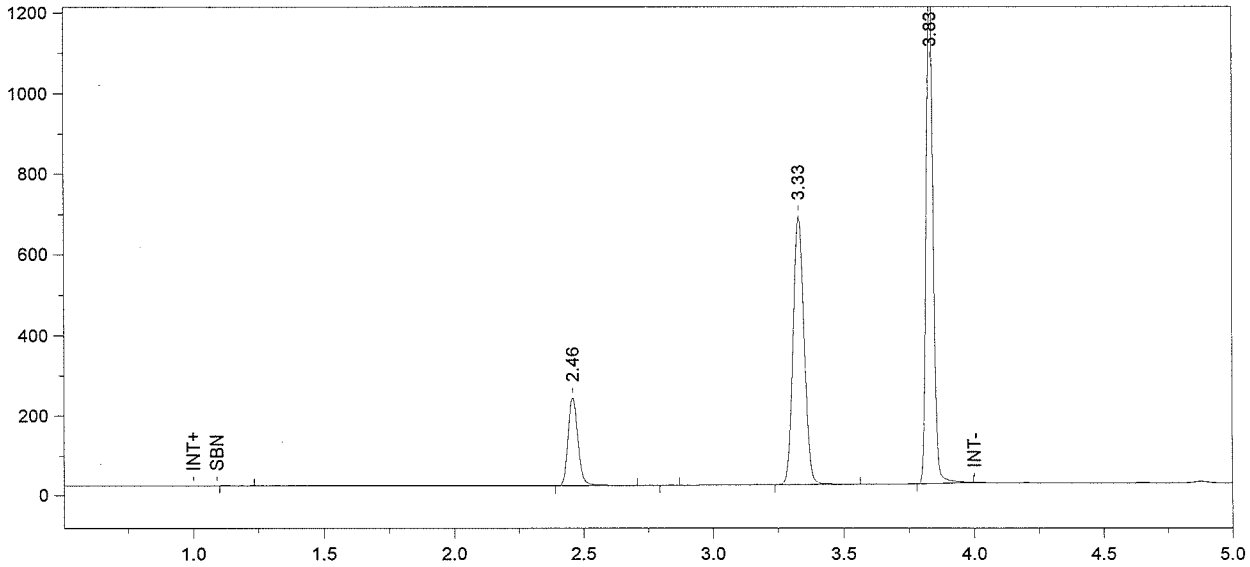
Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.46	Ethanol	728646	0.1245	0.1016
4	3.33	t-Butanol	1918232	1.0038	0.8193
5	3.83	n-Propanol	2222667	1.0000	0.8162



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 5/21/2009
Today's Time = 11:43:40 PM
Bound File Name = sim052009b.0026.RAW
Sample Name = CCS
Date Taken = 5/21/2009 11:43:38 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.46	Ethanol	623255	0.1046
3	3.33	t-Butanol	1925340	0.9898
4	3.83	n-Propanol	2262532	1.0000



Format File Name = Alcohol4-JFH.met.FMT

Today's Date = 5/21/2009
Today's Time = 11:58:43 PM
Bound File Name = sim052009b.0027.RAW
Sample Name = CCS
Date Taken = 5/21/2009 11:58:36 PM
VDH Headspace Alcohol
Method file = BloodAlcohol4.met
Calibration file = BloodAlcohol4.cal
Calibration Version = 106

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.46	Ethanol	593786	0.0974
4	3.33	t-Butanol	1964343	0.9870
5	3.83	n-Propanol	2314871	1.0000