VERMONT FORENSIC LABORATORY

SIMULATOR SOLUTION REVIEW CHECKLIST

SOLUTION TYPE AND VOLUME: 0.1 Calibration Solution 2L

LOT NUMBER#: 15-02-100 **ANALYST:** AB

TECHNICAL REVIEWER: [illegible] **DATE:** 1/28/15

- ☑ QC done and complete?
- ☑ Pertinent standard lot numbers listed?
- ☑ Data package complete?
- ☑ Transcribed data and calculations verified?
- ☑ Calibration and control results all within ± 10% (± 20% for Std A) of the known values?
- ☑ Calibration line correlation factor at least 0.99xx?
- ☑ Average error for components of the calibration line less than 10%?
- ☑ Timing mix chromatogram demonstrates appropriate identification of components and separation from ethanol?
- ☑ Surrogate compound concentrations all within 0.900 to 1.100 range, inclusive?
- ☑ Statistical means of the continuing calibration check sample duplicate analysis all within +/- 10% of the known value?
- ☑ Calculated average within acceptable range of the target concentration for specific solution type?
- ☑ All individual readings within 3 standard deviations of the average for each run and for the total average?
- ☑ RPD <10%?

Comments:

ADMINISTRATIVE REVIEWER: [illegible] **DATE:** 1/29/2015

- ☒ Are all pages numbered and initialed on the Examination Documents?
- ☒ Solution lot number written on all pages?
- ☒ Is the Reagent Preparation Log filled out properly?
- ☒ Is the Certificate of Analysis filled out properly?
- ☒ Has a label sheet been created, and is it correct?

Comments:

Check Mark or X = pass, NA= Not Applicable

VERMONT FORENSIC LABORATORY

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PO BOX 47
WATERBURY, VERMONT 05676-0047
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FAX: 802-241-5557
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Certificate of Analysis of DataMaster Calibration Solution

On 1/21/2015, an ethanol solution was prepared by Rebecca Mead for use as a DataMaster Calibration solution. The solution was prepared per standard laboratory practice and assigned the lot number 15-02-100 and an expiration date of 1/21/2016.

On 1/23/2015 and 1/27/2015, the solution was analyzed against calibration VFL01232015 and SIM01272015. Analysis of the solution was performed using headspace gas chromatography. The instrument was calibrated prior to analyses. 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 Calibration solution.

Dated at Waterbury, Vermont this 29th day of January, 2015.

A Bolduc

Amanda Bolduc

VERMONT FORENSIC LABORATORY
Simulator Solution Worksheet

0.01 Calibration Solution 2L
Lot # 15-02-100
Prepared 1/21/15 by RLM
Exp 1/21/16

ALB CAL VFL01232015
ALB/RLM Vials
Analyzed on 1/23/15

0.1004	ALB
0.1024	
0.1007	
0.1020	
0.1007	
0.1006	
0.1007	
0.0998	RLM
0.0977	
0.0992	
0.0986	
0.1004	
0.0988	
0.0996	

Ave. =	0.1001
Std Dev. =	0.0013
Min. =	0.0977
Max. =	0.1024

AQ QC Manf.	Cerilliant
AQ QC Lot #	FN021111-03
Cal Std A Lot #	FN01131401
Cal Std B Lot #	FN092710-01
Cal Std C Lot #	FN011712-02
Cal Std D Lot #	FN032712-01
Cal Std E Lot #	FN012712-01
Int Std Lot #	IS-01132015
TMX Lot #	TMX-08112014
Blank Lot #	BL-01162015

1/28/15 AB

ALB CAL SIM01272015
ALB/RLM Vials
Analyzed on 1/27/15

AB

0.0986	~~Analyst #1~~ 1/28/15
0.1025	
0.0999	
0.1025	
0.1003	
0.1032	
0.1011	
0.1005	RLM
0.0988	
0.1000	
0.0991	
0.1004	
0.0991	
0.1007	

Ave. =	0.1005
Std Dev. =	0.0014
Min. =	0.0986
Max. =	0.1032

AQ QC Manf.	Cerilliant
AQ QC Lot #	FN021111-03
Cal Std A Lot #	FN01131401
Cal Std B Lot #	FN092710-01
Cal Std C Lot #	FN011712-02
Cal Std D Lot #	FN032712-01
Cal Std E Lot #	FN012712-01
Int Std Lot #	IS-01132015
TMX Lot #	TMX-08112014
Blank Lot #	BL-01162015

Total Values from Both Runs

Average	Mean
0.1004	0.0977
0.1024	0.0986
0.1007	
0.1020	0.0988
0.1007	
0.1006	0.0991
0.1007	
0.0998	0.0992
0.0977	0.0996
0.0992	0.0998
0.0986	0.0999
0.1004	0.1000
0.0988	0.1003
0.0996	0.1004
0.0986	
0.1025	
0.0999	0.1005
0.1025	0.1006
0.1003	0.1007
0.1032	
0.1011	
0.1005	
0.0988	0.1011
0.1000	0.1020
0.0991	0.1024
0.1004	0.1025
0.0991	
0.1007	0.1032

Ave. =	0.1003
Avg Std Dev. =	0.0013
Mean =	0.1003
Mean Std Dev. =	0.0014
Min. =	0.0977
Max =	0.1032
RPD =	5.48%

ALC_F201_2_v1_12182014
Approved by Lab Director

81

15-02-100 1 of ~~79~~ AB 1/28/15 AB

Chrom Perfect Sequence File

File Name = C:\Alcohol Data\SIM01232015\SIM01232015.SEQ
Version = 1
File Date = 1/23/2015 2:22:05 PM

Entry #	Raw File Name	Method File Name	Sample Name	Sample Wt.	Int. Std. Amount
1	SIM01232015.0001.raw	Blood Alc temp VFL.MET	Blank	1.00	1.00
2	SIM01232015.0002.raw	Blood Alc temp VFL.MET	TMX	1.00	1.00
3	SIM01232015.0003.raw	Blood Alc temp VFL.MET	Std A	1.00	1.00
4	SIM01232015.0004.raw	Blood Alc temp VFL.MET	Std B	1.00	1.00
5	SIM01232015.0005.raw	Blood Alc temp VFL.MET	Std C	1.00	1.00
6	SIM01232015.0006.raw	Blood Alc temp VFL.MET	Std D	1.00	1.00
7	SIM01232015.0007.raw	Blood Alc temp VFL.MET	Std E	1.00	1.00
8	SIM01232015.0008.raw	Blood Alc temp VFL.MET	AQ QC	1.00	1.00
9	SIM01232015.0009.raw	Blood Alc temp VFL.MET	AQ QC	1.00	1.00
10	SIM01232015.0010.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
11	SIM01232015.0011.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
12	SIM01232015.0012.raw	simsoln.met	0.08 ALB	1.00	1.00
13	SIM01232015.0013.raw	simsoln.met	0.08 ALB	1.00	1.00
14	SIM01232015.0014.raw	simsoln.met	0.08 ALB	1.00	1.00
15	SIM01232015.0015.raw	simsoln.met	0.08 ALB	1.00	1.00
16	SIM01232015.0016.raw	simsoln.met	0.08 ALB	1.00	1.00
17	SIM01232015.0017.raw	simsoln.met	0.08 ALB	1.00	1.00
18	SIM01232015.0018.raw	simsoln.met	0.08 ALB	1.00	1.00
19	SIM01232015.0019.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
20	SIM01232015.0020.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
21	SIM01232015.0021.raw	simsoln.met	0.08 RLM	1.00	1.00
22	SIM01232015.0022.raw	simsoln.met	0.08 RLM	1.00	1.00
23	SIM01232015.0023.raw	simsoln.met	0.08 RLM	1.00	1.00
24	SIM01232015.0024.raw	simsoln.met	0.08 RLM	1.00	1.00
25	SIM01232015.0025.raw	simsoln.met	0.08 RLM	1.00	1.00
26	SIM01232015.0026.raw	simsoln.met	0.08 RLM	1.00	1.00
27	SIM01232015.0027.raw	simsoln.met	0.08 RLM	1.00	1.00
28	SIM01232015.0028.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
29	SIM01232015.0029.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
30	SIM01232015.0030.raw	simsoln.met	0.10 SIM ALB	1.00	1.00
31	SIM01232015.0031.raw	simsoln.met	0.10 SIM ALB	1.00	1.00
32	SIM01232015.0032.raw	simsoln.met	0.10 SIM ALB	1.00	1.00
33	SIM01232015.0033.raw	simsoln.met	0.10 SIM ALB	1.00	1.00
34	SIM01232015.0034.raw	simsoln.met	0.10 SIM ALB	1.00	1.00
35	SIM01232015.0035.raw	simsoln.met	0.10 SIM ALB	1.00	1.00
36	SIM01232015.0036.raw	simsoln.met	0.10 SIM ALB	1.00	1.00
37	SIM01232015.0037.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
38	SIM01232015.0038.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
39	SIM01232015.0039.raw	simsoln.met	0.10 SIM RLM	1.00	1.00
40	SIM01232015.0040.raw	simsoln.met	0.10 SIM RLM	1.00	1.00
41	SIM01232015.0041.raw	simsoln.met	0.10 SIM RLM	1.00	1.00
42	SIM01232015.0042.raw	simsoln.met	0.10 SIM RLM	1.00	1.00
43	SIM01232015.0043.raw	simsoln.met	0.10 SIM RLM	1.00	1.00
44	SIM01232015.0044.raw	simsoln.met	0.10 SIM RLM	1.00	1.00
45	SIM01232015.0045.raw	simsoln.met	0.10 SIM RLM	1.00	1.00
46	SIM01232015.0046.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
47	SIM01232015.0047.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
48	SIM01232015.0048.raw	simsoln.met	0.10 CAL ALB	1.00	1.00
49	SIM01232015.0049.raw	simsoln.met	0.10 CAL ALB	1.00	1.00
50	SIM01232015.0050.raw	simsoln.met	0.10 CAL ALB	1.00	1.00
51	SIM01232015.0051.raw	simsoln.met	0.10 CAL ALB	1.00	1.00
52	SIM01232015.0052.raw	simsoln.met	0.10 CAL ALB	1.00	1.00
53	SIM01232015.0053.raw	simsoln.met	0.10 CAL ALB	1.00	1.00
54	SIM01232015.0054.raw	simsoln.met	0.10 CAL ALB	1.00	1.00
55	SIM01232015.0055.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
56	SIM01232015.0056.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
57	SIM01232015.0057.raw	simsoln.met	0.10 CAL RLM	1.00	1.00
58	SIM01232015.0058.raw	simsoln.met	0.10 CAL RLM	1.00	1.00
59	SIM01232015.0059.raw	simsoln.met	0.10 CAL RLM	1.00	1.00
60	SIM01232015.0060.raw	simsoln.met	0.10 CAL RLM	1.00	1.00
61	SIM01232015.0061.raw	simsoln.met	0.10 CAL RLM	1.00	1.00
62	SIM01232015.0062.raw	simsoln.met	0.10 CAL RLM	1.00	1.00

Other Solutions not included
AB 1/28/15

15-02-100 2 AB

Chrom Perfect Sequence File

Entry #	Raw File Name	Method File Name	Sample Name	Sample Wt.	Int. Std. Amount
63	SIM01232015.0063.raw	simsoln.met	0.10 CAL RLM	1.00	1.00
64	SIM01232015.0064.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
65	SIM01232015.0065.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00

Lot #'s

AQ QC Cerilliant FN021111-03

EtOH Standards all Cerilliant
A FN011314 01
B FN092710-01
C FN011712-02
D FN032712-01
E FN012712-01

Timing Mix TMX-08112014

IS IS-01132015

Blank BL-01162015

1/26/15 AS

15-02-100 3 AS

File Name: C:\Methods\VFL01232015.CAL
Version: 7

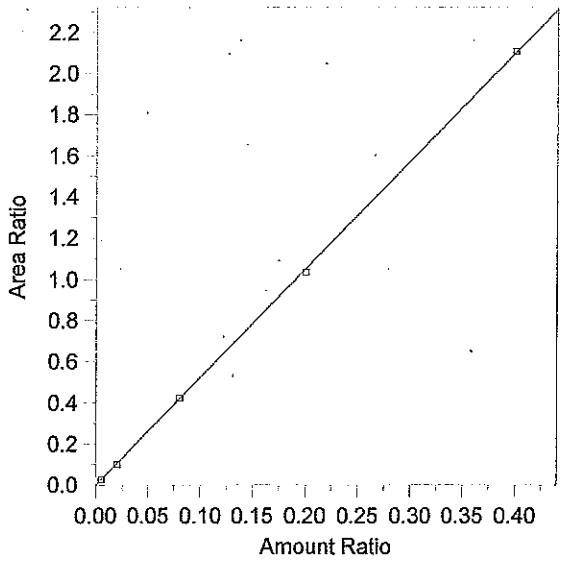
Creator:
Description:
Reason for change:

Internal standard calibration
No injection volume correction
No sample weight correction
Area reject threshold: 1500
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:	2.654 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

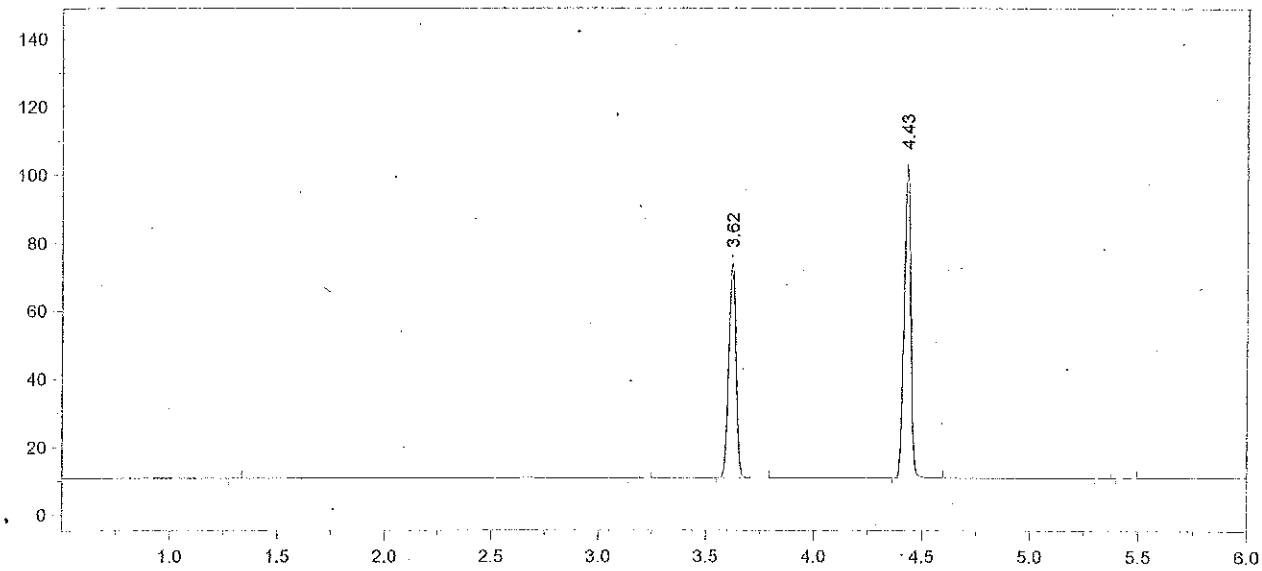
Y = 5.256145 X + 0

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9998803
Average error:	1.893%
Average CF:	5.225789
RSD:	2.636%

Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	(0.0836)	(85146)	--	--	0.0836	85146	Manual	8/13/2014 9:33:12 AM
2	0.005	4905.308	981061.6	2.123	0.005	2.683861E-02	C:\Alcohol Data\SIM01232015\SIM01232015.0003.BND	1/23/2015 3:30:55 PM
3	0.02	18594.29	929714.5	-4.634	0.02	0.100251	C:\Alcohol Data\SIM01232015\SIM01232015.0004.BND	1/23/2015 3:49:00 PM
4	0.08	79401.8	992522.5	0.802	0.08	0.4238626	C:\Alcohol Data\SIM01232015\SIM01232015.0005.BND	1/23/2015 4:02:16 PM
5	0.2	191154.2	955771	-1.543	0.2	1.035014	C:\Alcohol Data\SIM01232015\SIM01232015.0006.BND	1/23/2015 4:20:19 PM
6	0.4	390995	977487.5	0.365	0.4	2.110128	C:\Alcohol Data\SIM01232015\SIM01232015.0007.BND	1/23/2015 4:34:33 PM

15-02-100 4

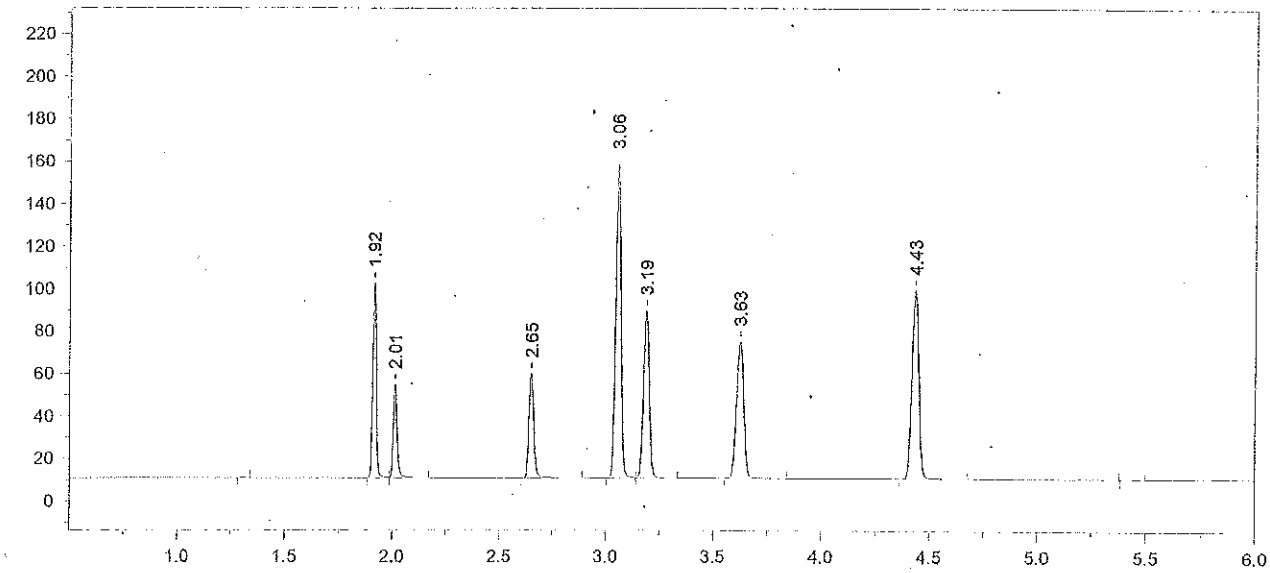


Format File Name = AlcoholVFL.FMT

Today's Date = 1/26/2015
Today's Time = 7:24:22 AM
Bound File Name = SIM01232015.0001.RAW
Sample Name = Blank
Date Taken = 1/23/2015 3:00:22 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	3.62	t-Butanol	146297	0.9649
4	4.43	n-Propanol	195938	1.0000

15-02-100 5 AB

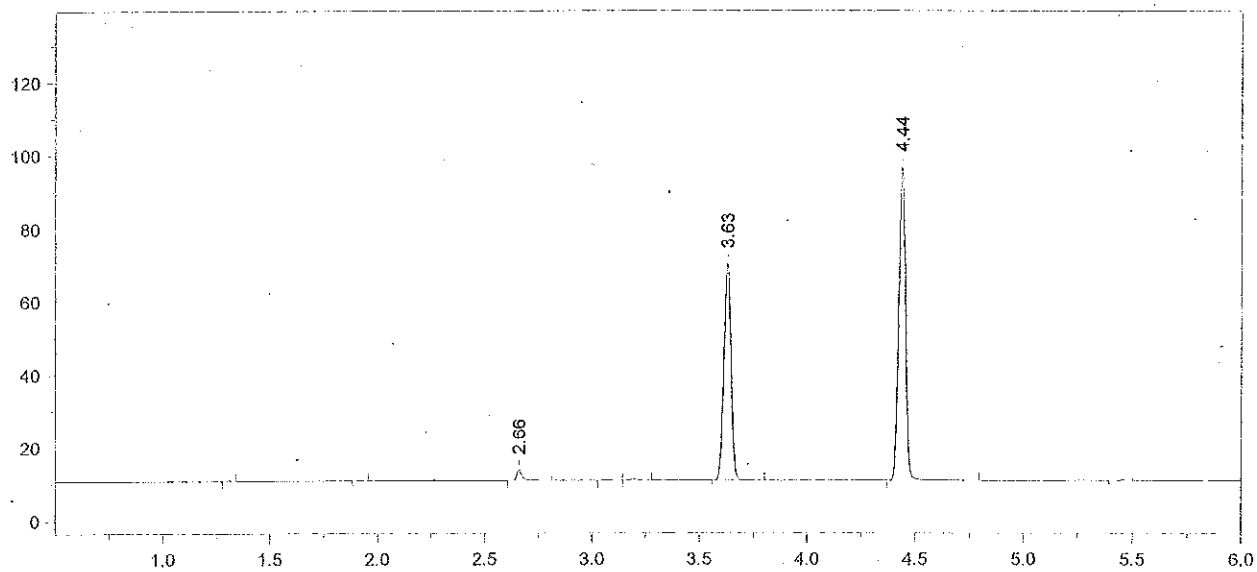


Format File Name = AlcoholVFL.FMT

Today's Date = 1/26/2015
Today's Time = 7:24:28 AM
Bound File Name = SIM01232015.0002.RAW
Sample Name = TMX
Date Taken = 1/23/2015 3:17:26 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	1.92	Acetaldehyde	108687	0.0695
3	2.01	Methanol	55433	0.1232
4	2.65	Ethanol	77383	0.0780
5	3.06	Acetone	253704	0.0657
6	3.19	Isopropanol	148004	0.0848
7	3.63	t-Butanol	149269	1.0225
8	4.43	n-Propanol	188644	1.0000

15-02-100 6 AB



Format File Name = AlcoholVFL.FMT

Today's Date = 1/26/2015
Today's Time = 7:24:35 AM
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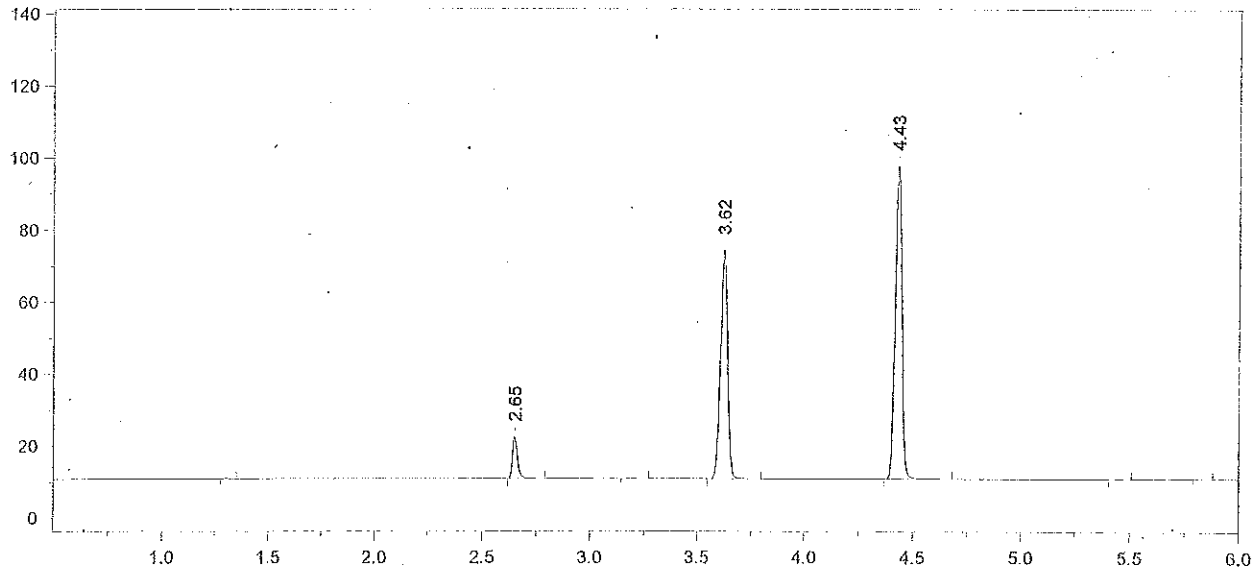
Sample Name = Std A
Date Taken = 1/23/2015 3:30:44 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.66	Ethanol	04905	0.0051
6	3.63	t-Butanol	137490	0.9721
7	4.44	n-Propanol	182771	1.0000

15-02-100 7 AB

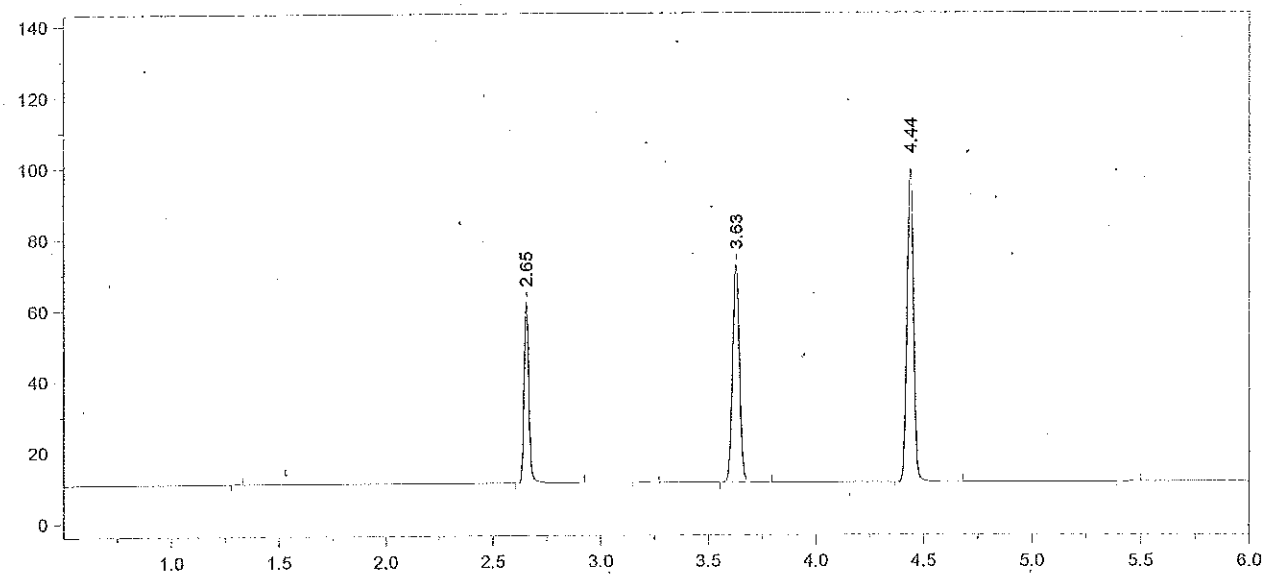


Format File Name = AlcoholVFL.FMT

Today's Date = 1/26/2015
Today's Time = 7:24:41 AM
Bound File Name = SIM01232015.0004.RAW
Sample Name = Std B
Date Taken = 1/23/2015 3:48:51 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	18594	0.0191
4	3.62	t-Butanol	147073	1.0247
5	4.43	n-Propanol	185477	1.0000

15-02-100 8 AB

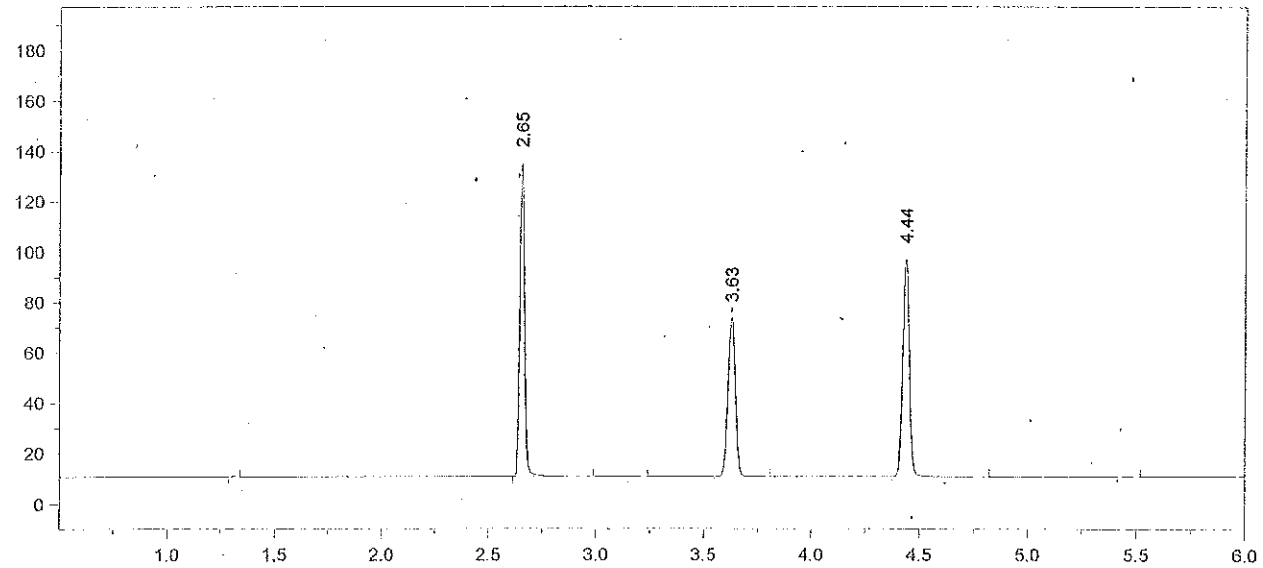


Format File Name = AlcoholVFL.FMT

Today's Date = 1/26/2015
Today's Time = 7:24:47 AM
Bound File Name = SIM01232015.0005.RAW
Sample Name = Std C
Date Taken = 1/23/2015 4:02:07 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	79402	0.0806
4	3.63	t-Butanol	142196	0.9809
5	4.44	n-Propanol	187329	1.0000

15-02-100 9 AB

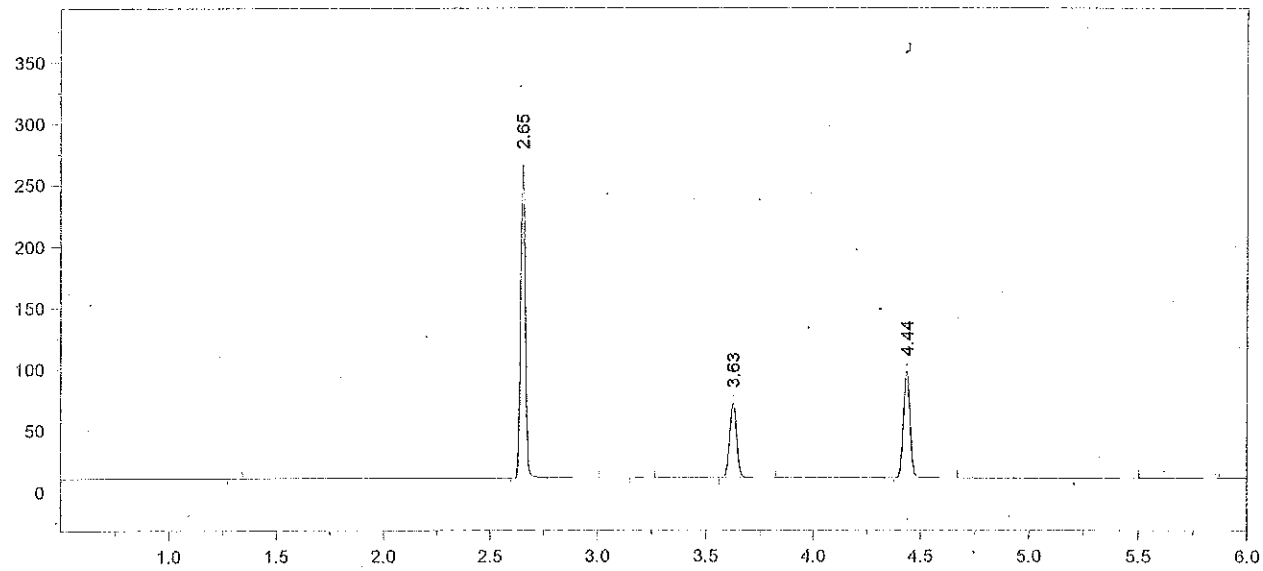


Format File Name = AlcoholVFL.FMT

Today's Date = 1/26/2015
Today's Time = 7:24:53 AM
Bound File Name = SIM01232015.0006.RAW
Sample Name = Std D
Date Taken = 1/23/2015 4:20:15 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	191154	0.1969
4	3.63	t-Butanol	146422	1.0245
5	4.44	n-Propanol	184688	1.0000

15-02-100 10 AB

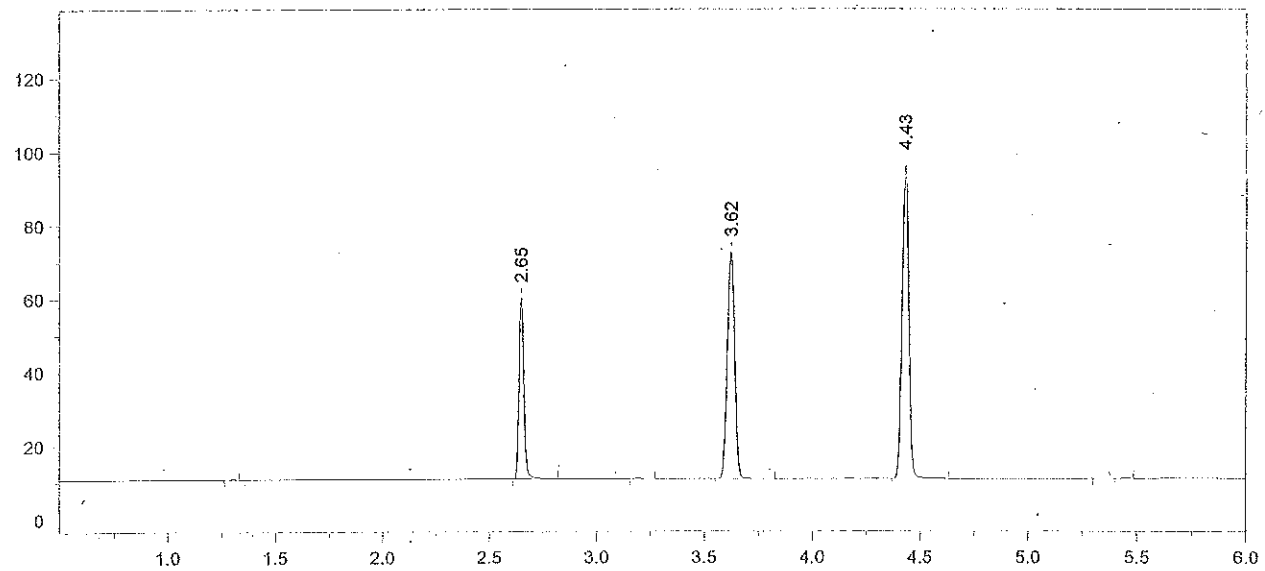


Format File Name = AlcoholVFL.FMT

Today's Date = 1/26/2015
Today's Time = 7:24:59 AM
Bound File Name = SIM01232015.0007.RAW
Sample Name = Std E
Date Taken = 1/23/2015 4:34:25 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	390995	0.4015
4	3.63	t-Butanol	139834	0.9752
5	4.44	n-Propanol	185294	1.0000

15-02-100 11 SB



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Today's Time = 4:51:48 PM
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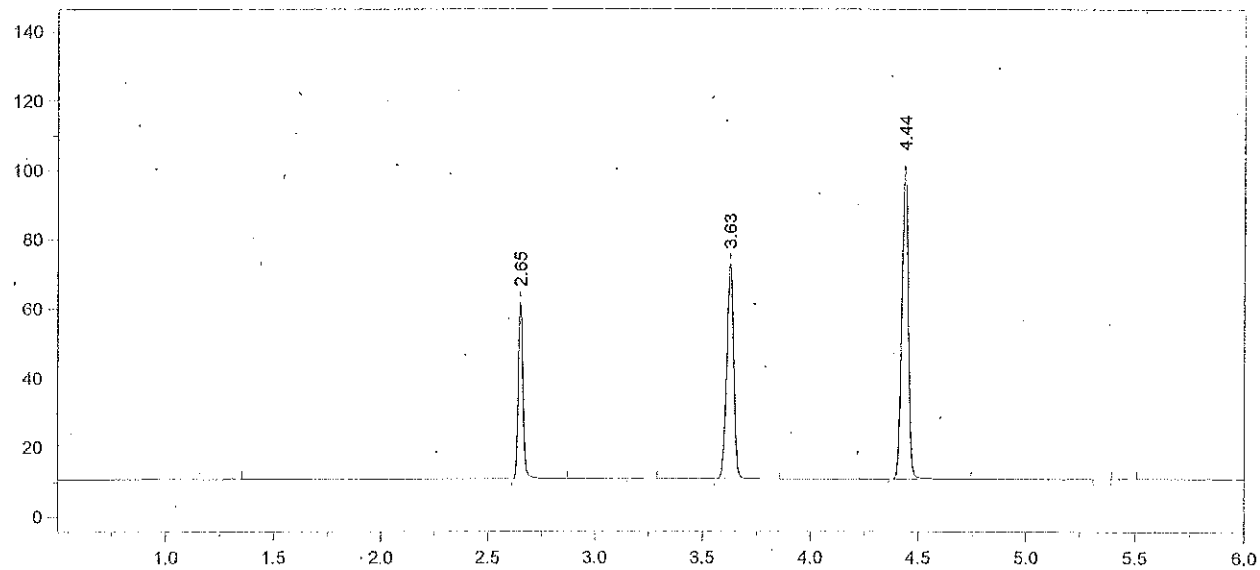
Sample Name = AQ QC
Date Taken = 1/23/2015 4:51:39 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	76330	0.0799
4	3.62	t-Butanol	142606	1.0137
5	4.43	n-Propanol	181798	1.0000

15-02-100 12 AB



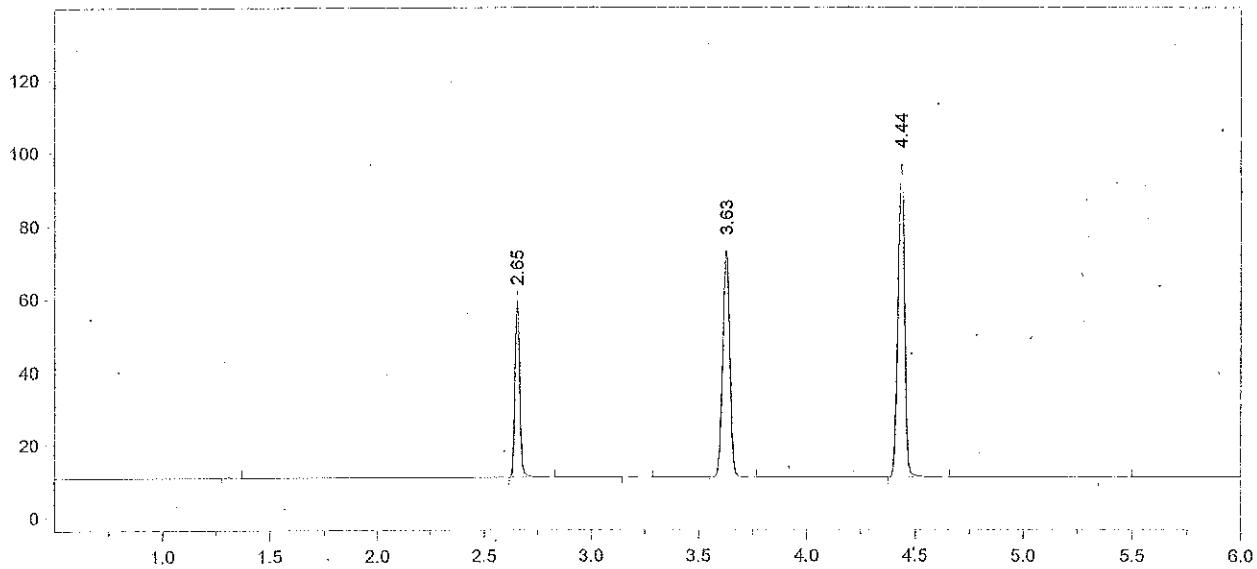
Format File Name = AlcoholVFL.FMT

Today's Date = 1/23/2015
Today's Time = 5:04:59 PM
Bound File Name = SIM01232015.0009.RAW
Sample Name = AQ QC
Date Taken = 1/23/2015 5:04:55 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	79111	0.0783
4	3.63	t-Butanol	144034	0.9688
5	4.44	n-Propanol	192126	1.0000

Avg vials 8+9 = 0.079
TV = 0.08 99% recovery
1/26/15 AB

15-02-100 13 AB

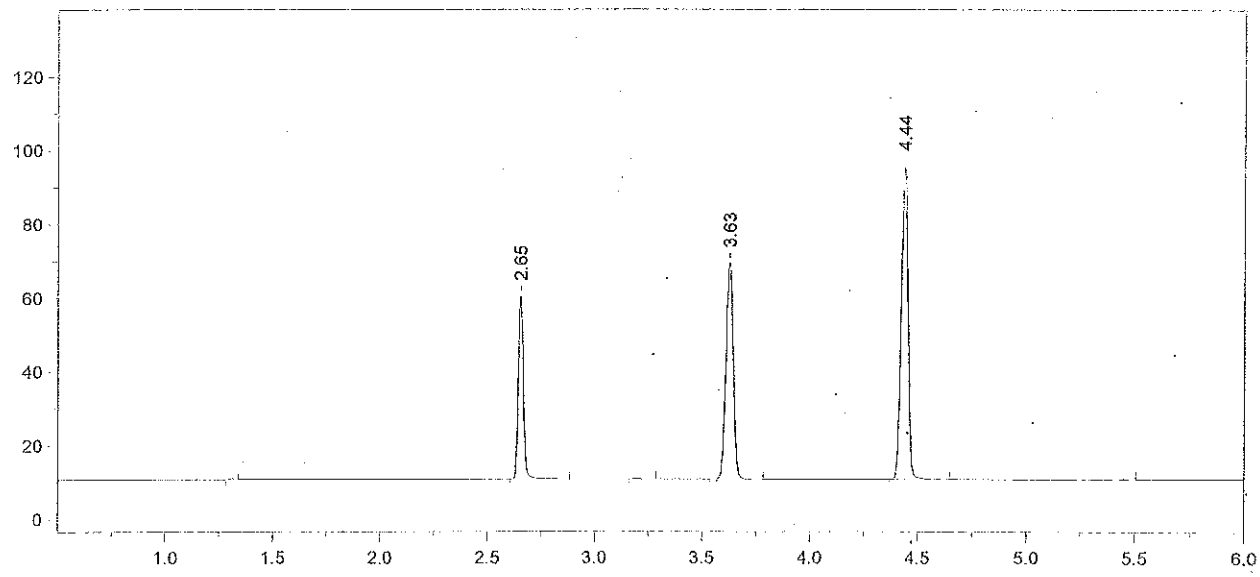


Format File Name = AlcoholVFL.FMT

Today's Date = 1/23/2015
Today's Time = 5:23:13 PM
Bound File Name = SIM01232015.0010.RAW
Sample Name = CCS
Date Taken = 1/23/2015 5:23:06 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	75068	0.0780
4	3.63	t-Butanol	144367	1.0192
5	4.44	n-Propanol	183038	1.0000

15-02-100 14 AB



Format File Name = AlcoholVFL.FMT

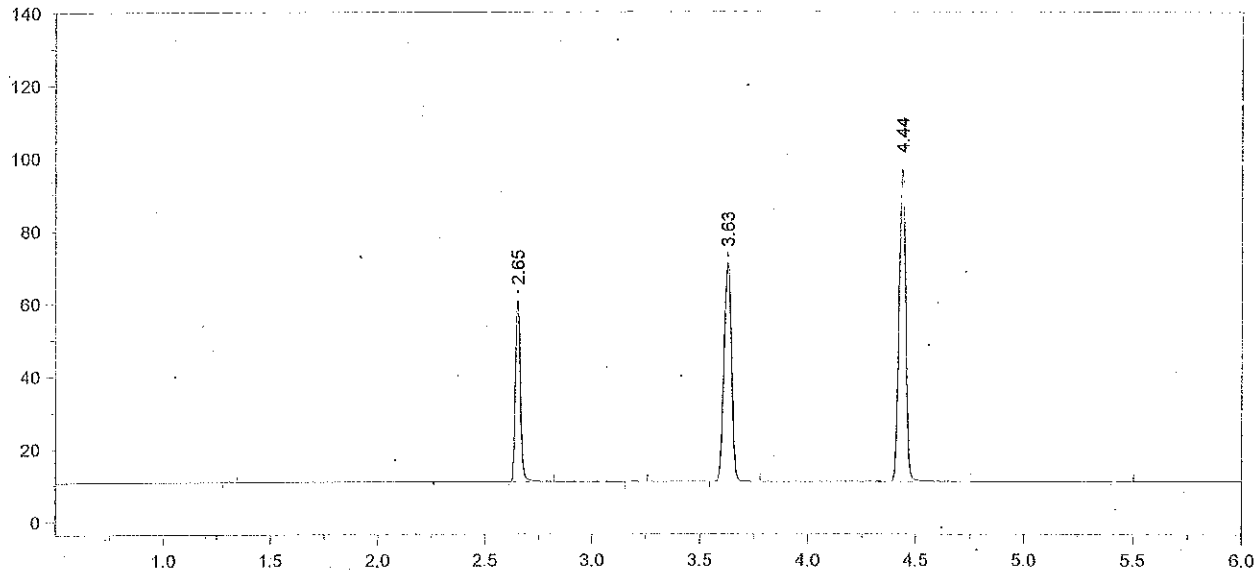
Today's Date = 1/23/2015
Today's Time = 5:37:06 PM
Bound File Name = SIM01232015.0011.RAW
Sample Name = CCS
Date Taken = 1/23/2015 5:36:57 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	77147	0.0817
4	3.63	t-Butanol	135967	0.9777
5	4.44	n-Propanol	179714	1.0000

Avg vials 10 + 11 = 0.080
1/26/15 AB

15-02-100 15 AB

Chrom Perfect Chromatogram Report



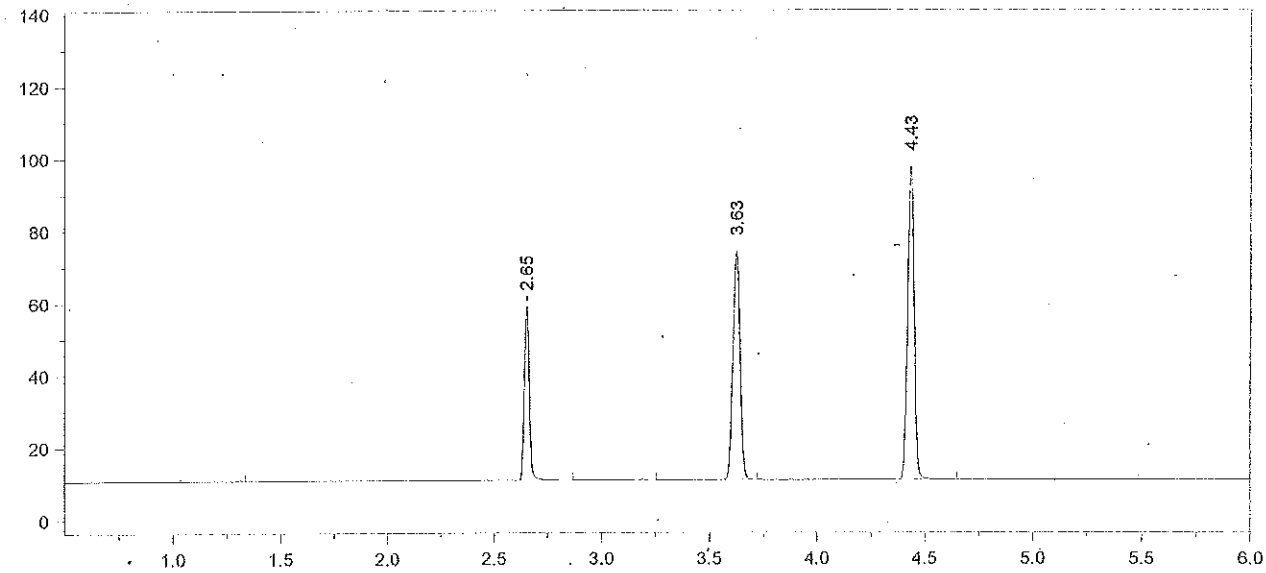
Format File Name = AlcoholVFL.FMT

Today's Date = 1/23/2015
Today's Time = 7:41:44 PM
Bound File Name = SIM01232015.0019.RAW
Sample Name = CCS
Date Taken = 1/23/2015 7:41:34 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	77234	0.0800
4	3.63	t-Butanol	140403	0.9879
5	4.44	n-Propanol	183652	1.0000

15-02-100 16 AB

Chrom Perfect Chromatogram Report



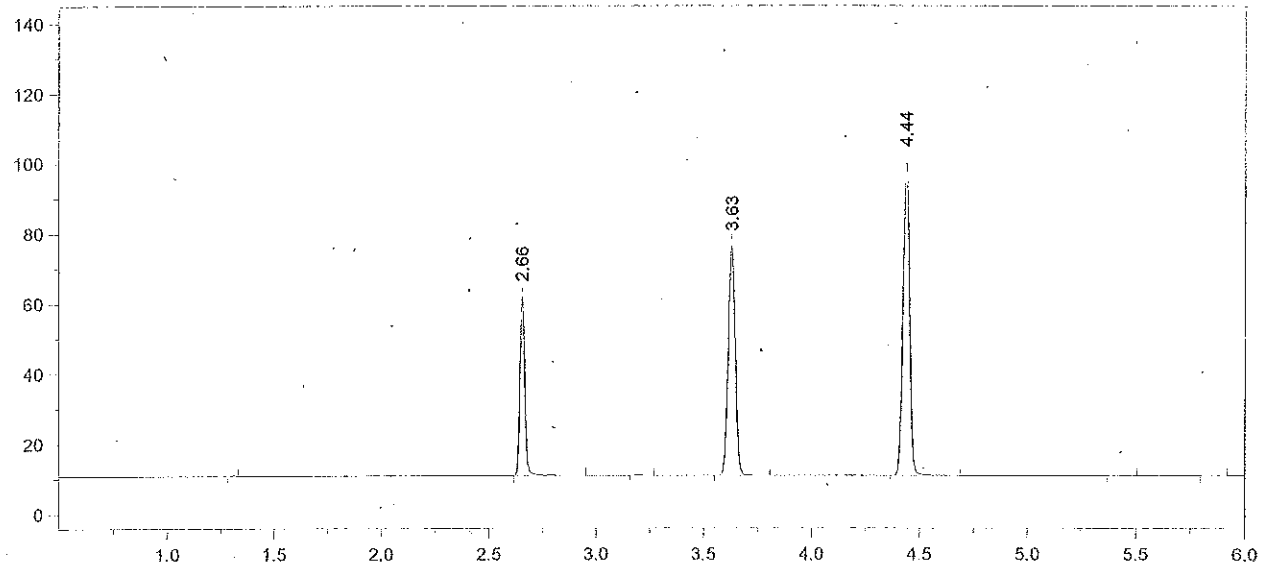
Format File Name = AlcoholVFL.FMT

Today's Date = 1/23/2015
Today's Time = 7:58:44 PM
Bound File Name = SIM01232015.0020.RAW
Sample Name = CCS
Date Taken = 1/23/2015 7:58:35 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	75303	0.0777
4	3.63	t-Butanol	146153	1.0241
5	4.43	n-Propanol	184425	1.0000

Avg vials 19 + 20 = 0.079
1/26/15 AB

15-02-100 17 AB

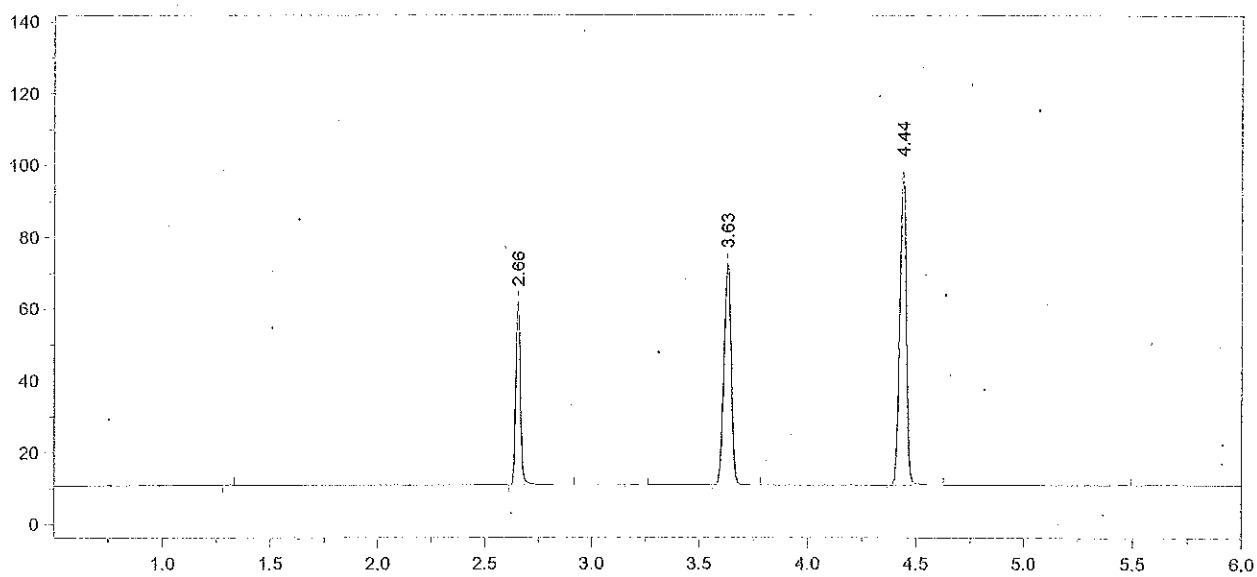


Format File Name = AlcoholVFL.FMT

Today's Date = 1/23/2015
Today's Time = 10:02:42 PM
Bound File Name = SIM01232015.0028.RAW
Sample Name = CCS
Date Taken = 1/23/2015 10:02:37 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.66	Ethanol	80040	0.0796
4	3.63	t-Butanol	151481	1.0229
5	4.44	n-Propanol	191367	1.0000

15-02-100 18 AB



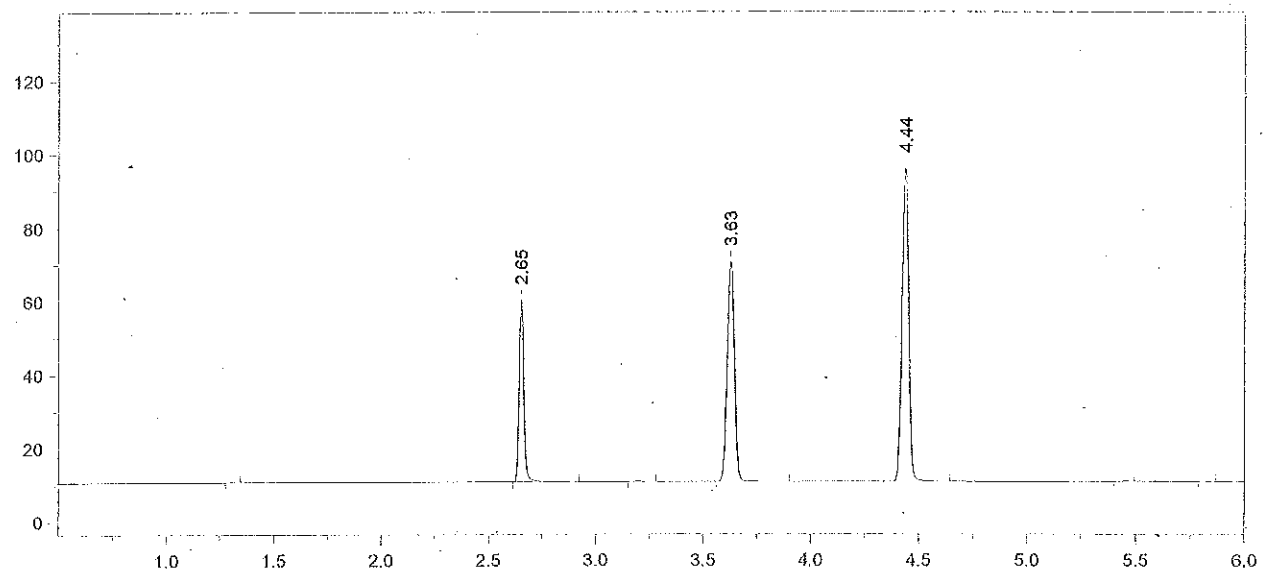
Format File Name = AlcoholVFL.FMT

Today's Date = 1/23/2015
Today's Time = 10:16:58 PM
Bound File Name = SIM01232015.0029.RAW
Sample Name = CCS
Date Taken = 1/23/2015 10:16:53 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.66	Ethanol	79942	0.0817
4	3.63	t-Butanol	142488	0.9892
5	4.44	n-Propanol	186147	1.0000

Avg vials 28 + 29 = 0.080
1/26/15 AB

15-02-100 19 AB

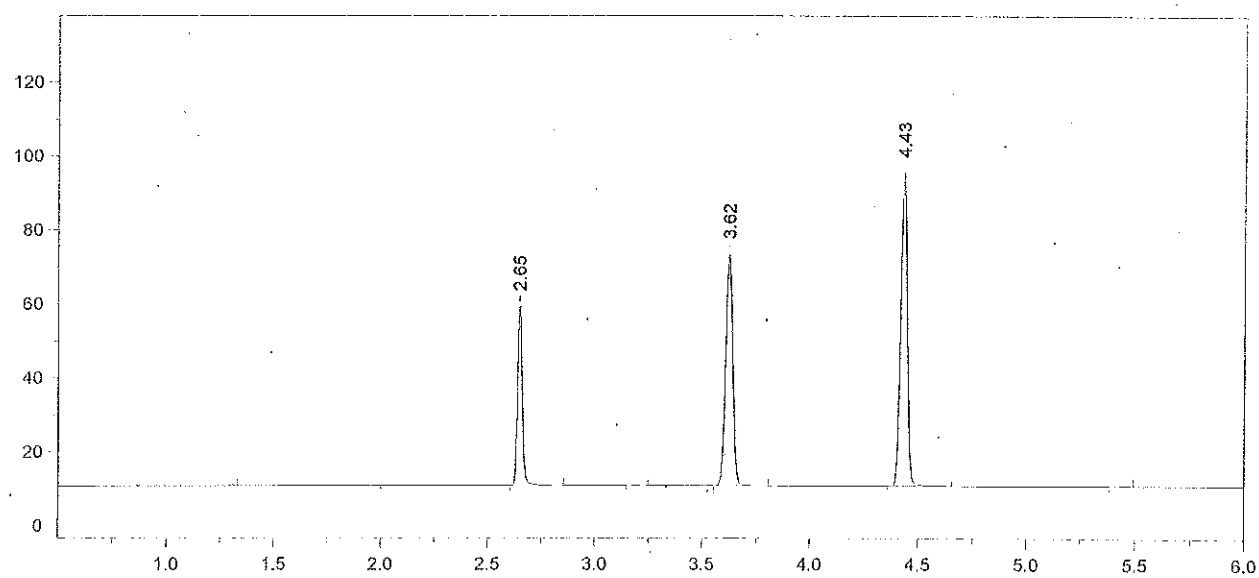


Format File Name = AlcoholVFL.FMT

Today's Date = 1/24/2015
Today's Time = 12:20:44 AM
Bound File Name = SIM01232015.0037.RAW
Sample Name = CCS
Date Taken = 1/24/2015 12:20:37 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	77209	0.0811
4	3.63	t-Butanol	139299	0.9939
5	4.44	n-Propanol	181114	1.0000

15-02-100 20 AB



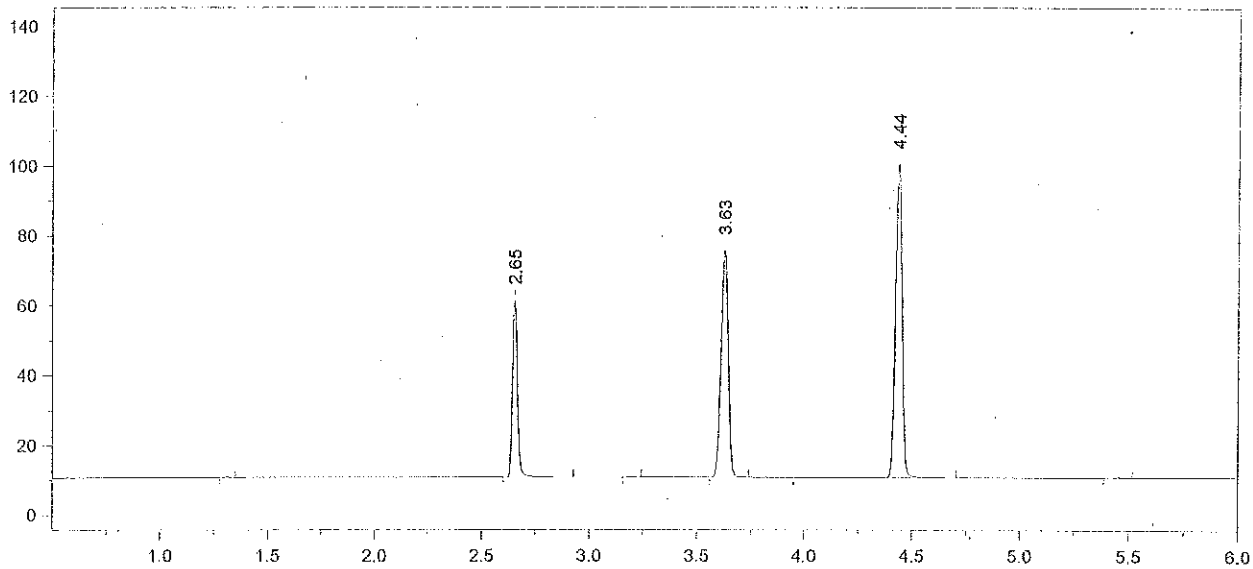
Format File Name = AlcoholVFL.FMT

Today's Date = 1/26/2015
Today's Time = 7:21:17 AM
Bound File Name = SIM01232015.0038.RAW
Sample Name = CCS
Date Taken = 1/24/2015 12:38:14 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	75359	0.0793
4	3.62	t-Butanol	145182	1.0383
5	4.43	n-Propanol	180699	1.0000

Avg vals 37 + 38 = 0.080
1/26/15 AB

15-02-100 21 AB

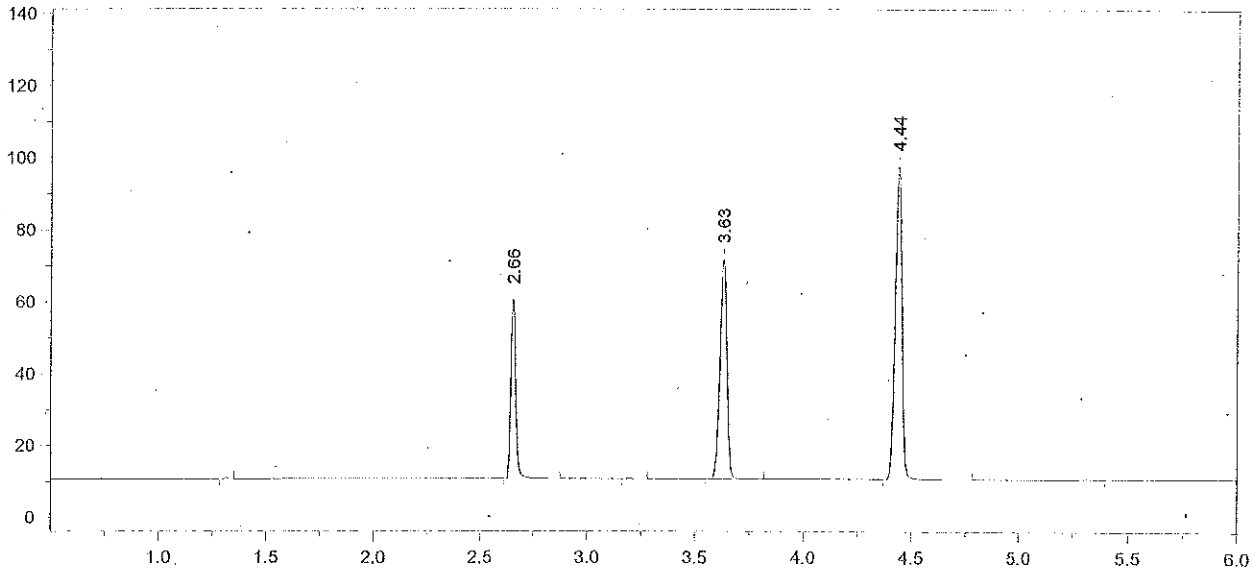


Format File Name = AlcoholVFL.FMT

Today's Date = 1/26/2015
Today's Time = 7:22:12 AM
Bound File Name = SIM01232015.0046.RAW
Sample Name = CCS
Date Taken = 1/24/2015 2:40:46 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	78967	0.0786
4	3.63	t-Butanol	151293	1.0223
5	4.44	n-Propanol	191246	1.0000

15-02-100 22 AB



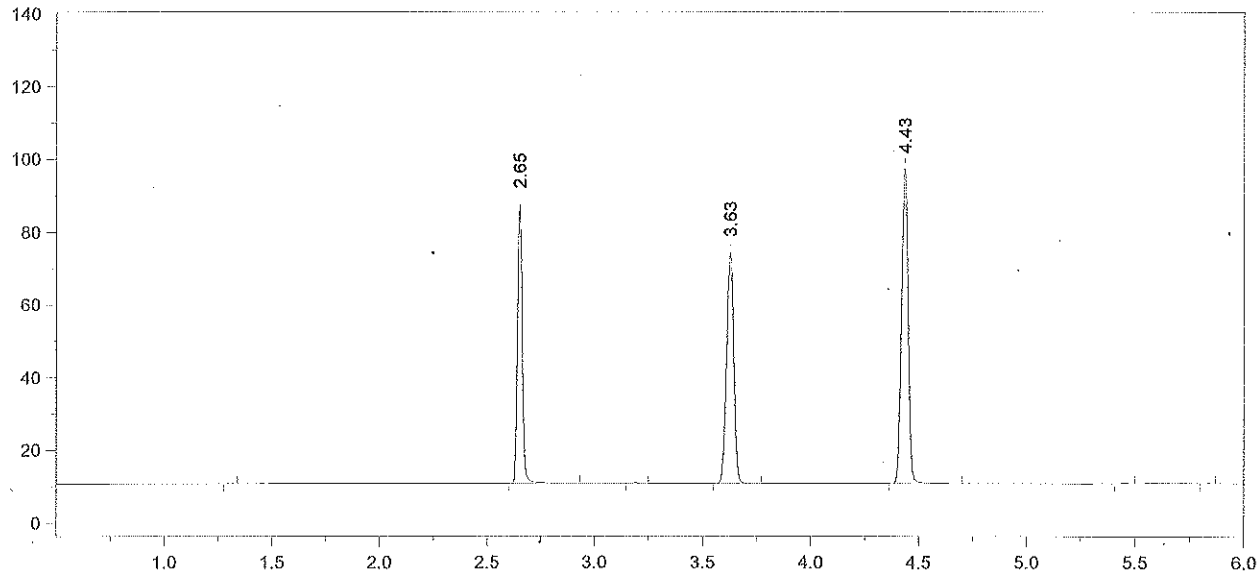
Format File Name = AlcoholVFL.FMT

Today's Date = 1/26/2015
Today's Time = 7:22:19 AM
Bound File Name = SIM01232015.0047.RAW
Sample Name = CCS
Date Taken = 1/24/2015 2:56:11 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.66	Ethanol	78352	0.0801
4	3.63	t-Butanol	141459	0.9825
5	4.44	n-Propanol	186063	1.0000

Avg vals 46 + 47 = 0.079
1/26/15 AB

15-02-100 23 AB

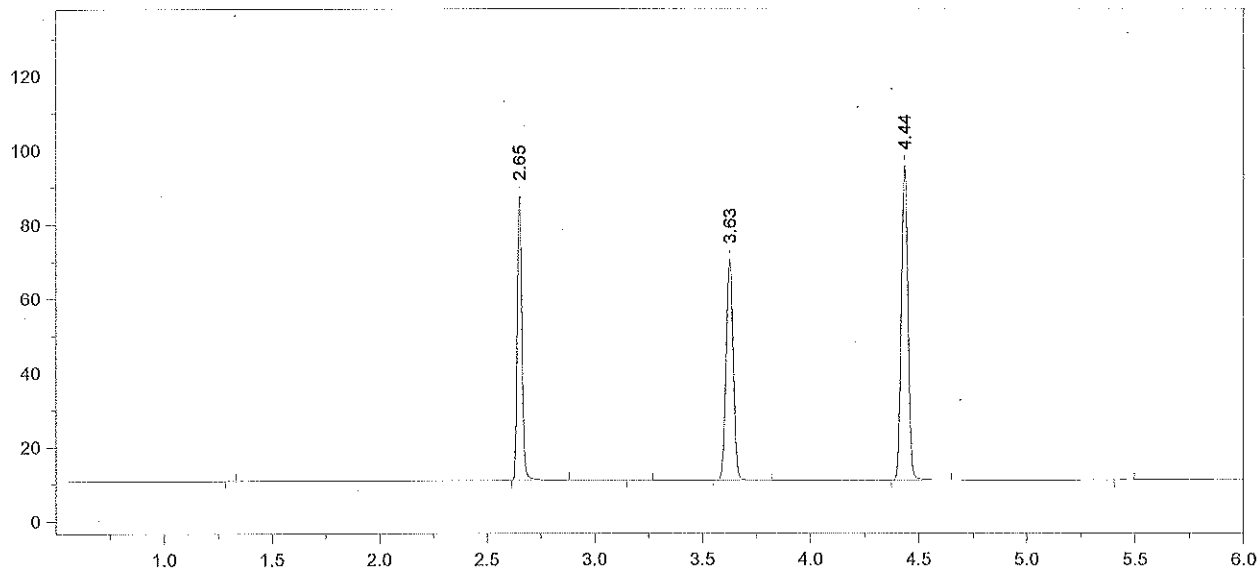


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/26/2015 Today's Time = 7:22:25 AM
Bound File Name = SIM01232015.0048.RAW
Sample Name = 0.10 CAL ALB
Date Taken = 1/24/2015 3:12:48 AM VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = VFL01232015.CAL Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	119584	0.1230	0.1004
4	3.63	t-Butanol	147229	1.0289	0.8398
5	4.43	n-Propanol	184914	1.0000	0.8162

15-02-100 24 AB

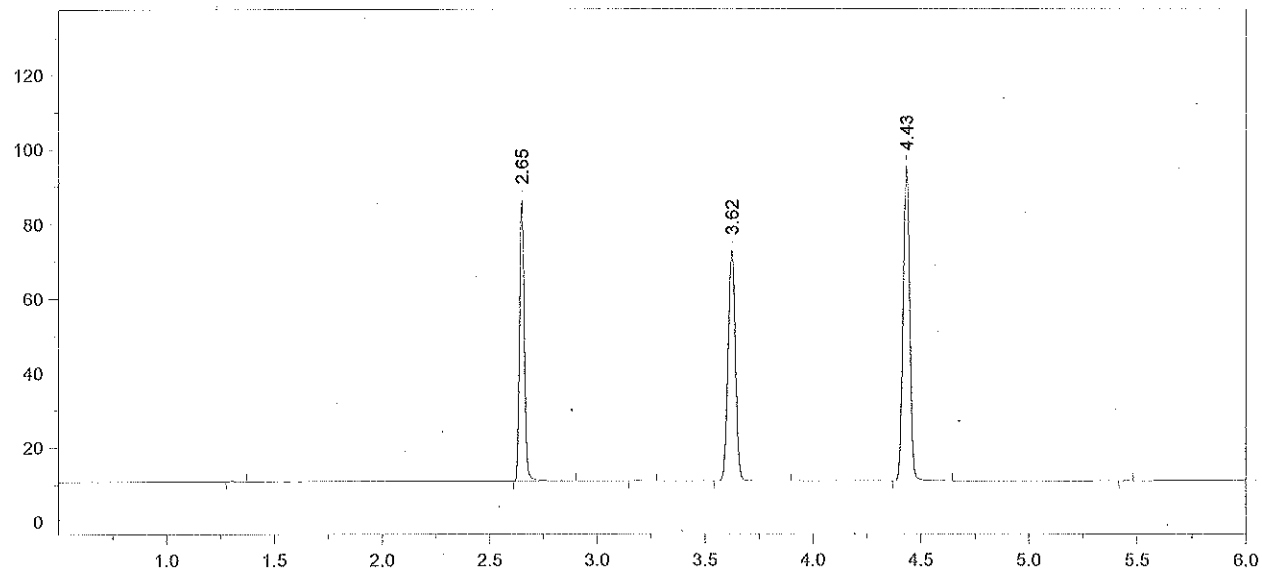


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/26/2015
Today's Time = 7:22:32 AM
Bound File Name = SIM01232015.0049.RAW
Sample Name = 0.10 CAL ALB
Date Taken = 1/24/2015 3:27:00 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	119027	0.1254	0.1024
4	3.63	t-Butanol	138099	0.9884	0.8067
5	4.44	n-Propanol	180561	1.0000	0.8162

15-02-100 25 AB

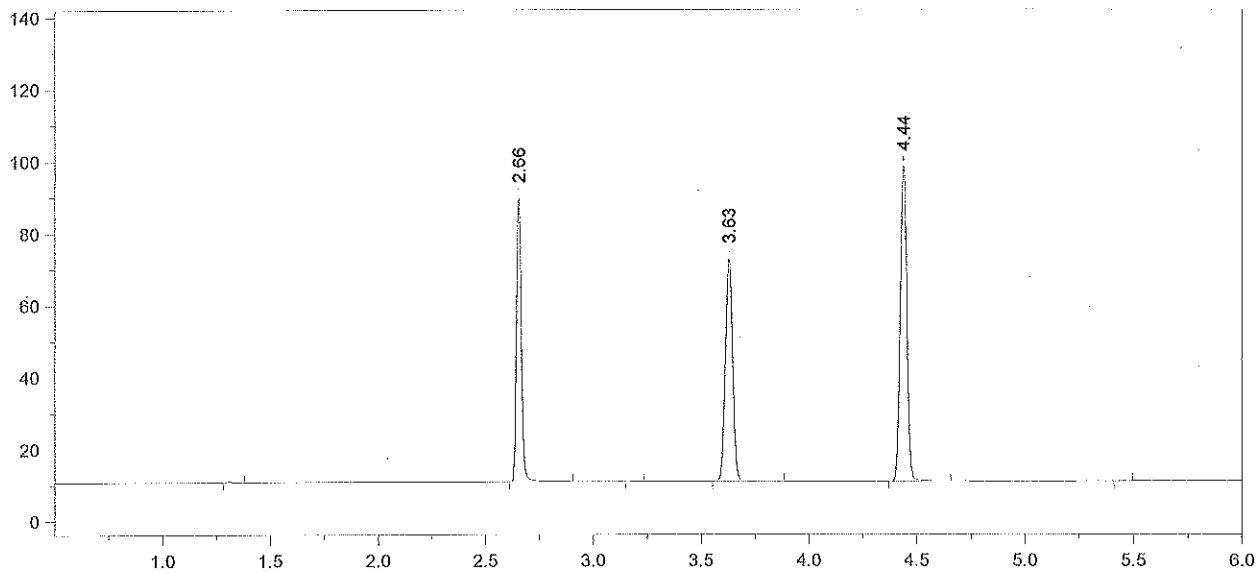


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/26/2015
Today's Time = 7:22:38 AM
Bound File Name = SIM01232015.0050.RAW
Sample Name = 0.10 CAL ALB
Date Taken = 1/24/2015 3:44:14 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	117002	0.1233	0.1007
4	3.62	t-Butanol	144180	1.0323	0.8426
5	4.43	n-Propanol	180483	1.0000	0.8162

15-02-100 26 AB

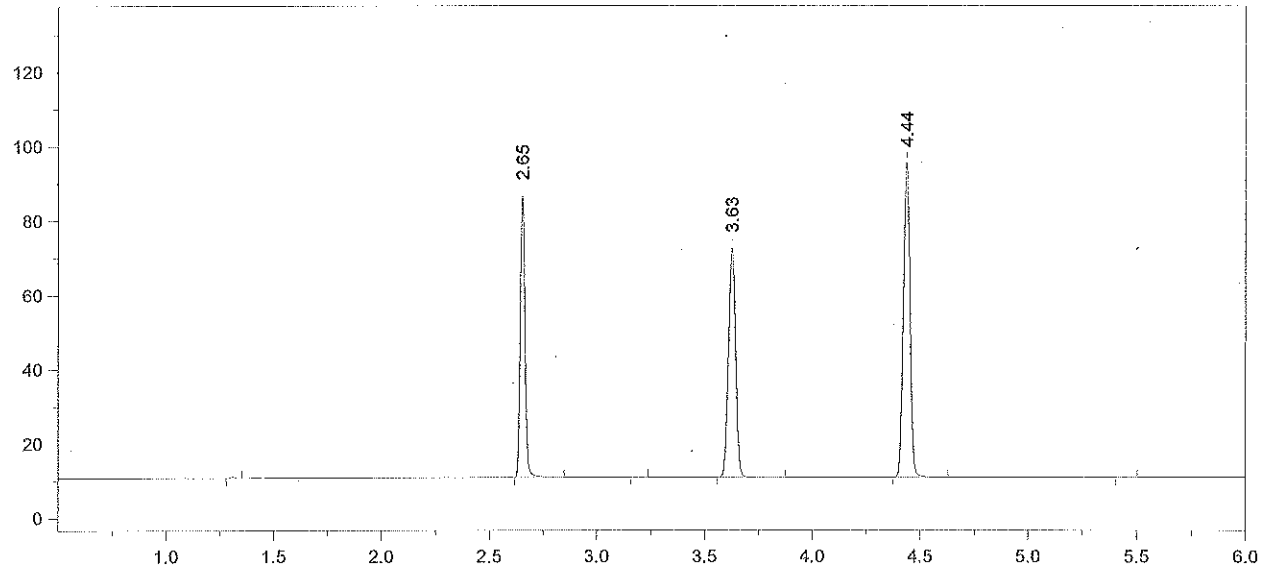


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/26/2015
Today's Time = 7:22:46 AM
Bound File Name = SIM01232015.0051.RAW
Sample Name = 0.10 CAL ALB
Date Taken = 1/24/2015 3:58:12 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.66	Ethanol	122596	0.1250	0.1020
4	3.63	t-Butanol	143266	0.9918	0.8095
5	4.44	n-Propanol	186663	1.0000	0.8162

15-02-100 27 AB

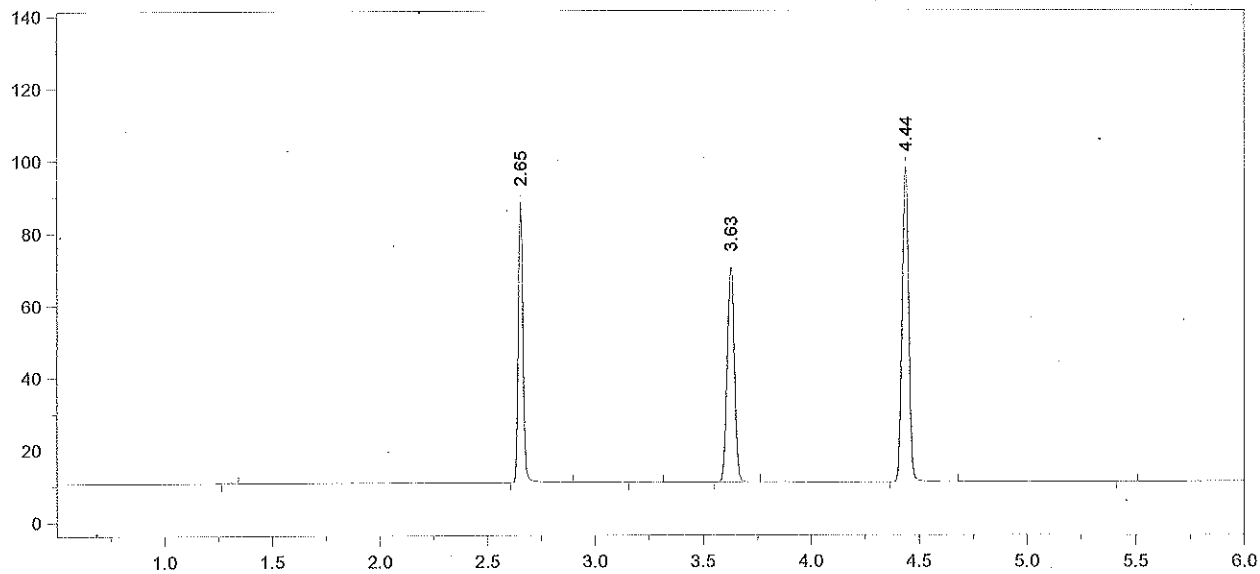


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/26/2015
Today's Time = 7:22:53 AM
Bound File Name = SIM01232015.0052.RAW
Sample Name = 0.10 CAL ALB
Date Taken = 1/24/2015 4:15:41 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	116903	0.1234	0.1007
4	3.63	t-Butanol	143388	1.0281	0.8391
5	4.44	n-Propanol	180228	1.0000	0.8162

15-02-100 28 AB

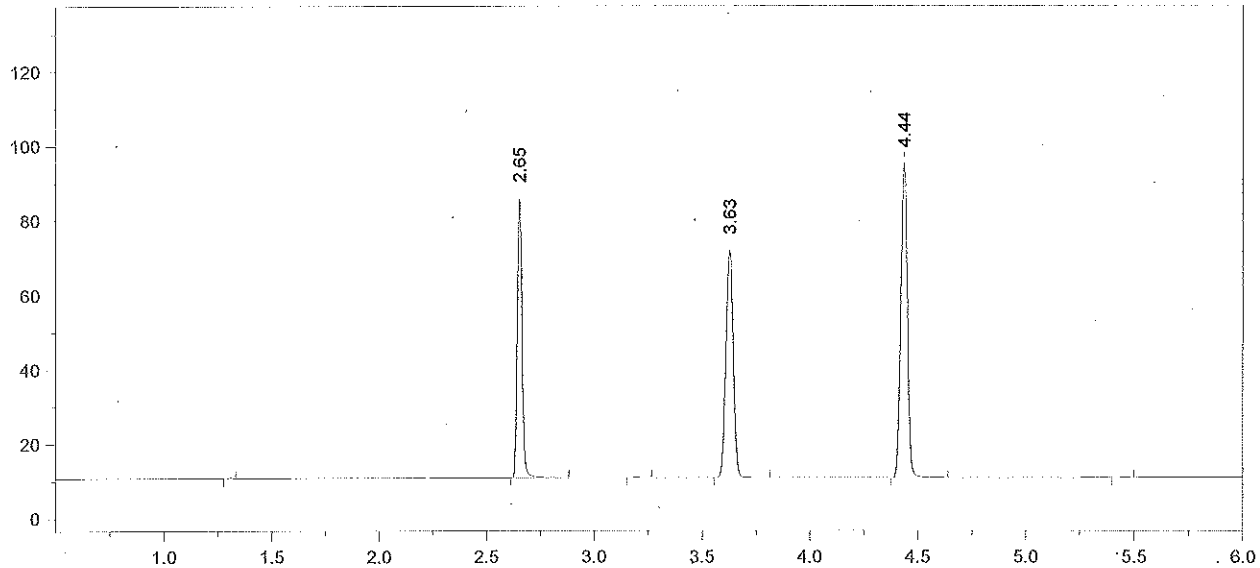


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/26/2015
Today's Time = 7:23:00 AM
Bound File Name = SIM01232015.0053.RAW
Sample Name = 0.10 CAL ALB
Date Taken = 1/24/2015 4:28:56 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	119908	0.1233	0.1006
4	3.63	t-Butanol	138609	0.9682	0.7902
5	4.44	n-Propanol	185007	1.0000	0.8162

15-02-100 29 AB

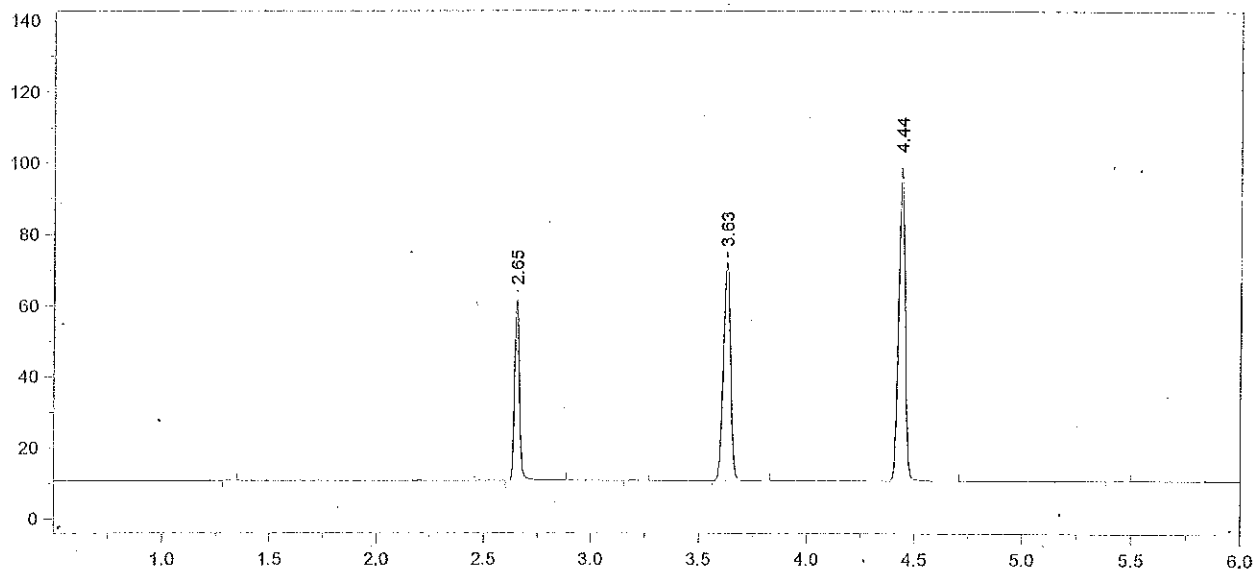


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/26/2015
Today's Time = 7:23:05 AM
Bound File Name = SIM01232015.0054.RAW
Sample Name = 0.10 CAL ALB
Date Taken = 1/24/2015 4:47:08 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	116254	0.1234	0.1007
4	3.63	t-Butanol	142621	1.0284	0.8394
5	4.44	n-Propanol	179211	1.0000	0.8162

15-02-100 30 AB



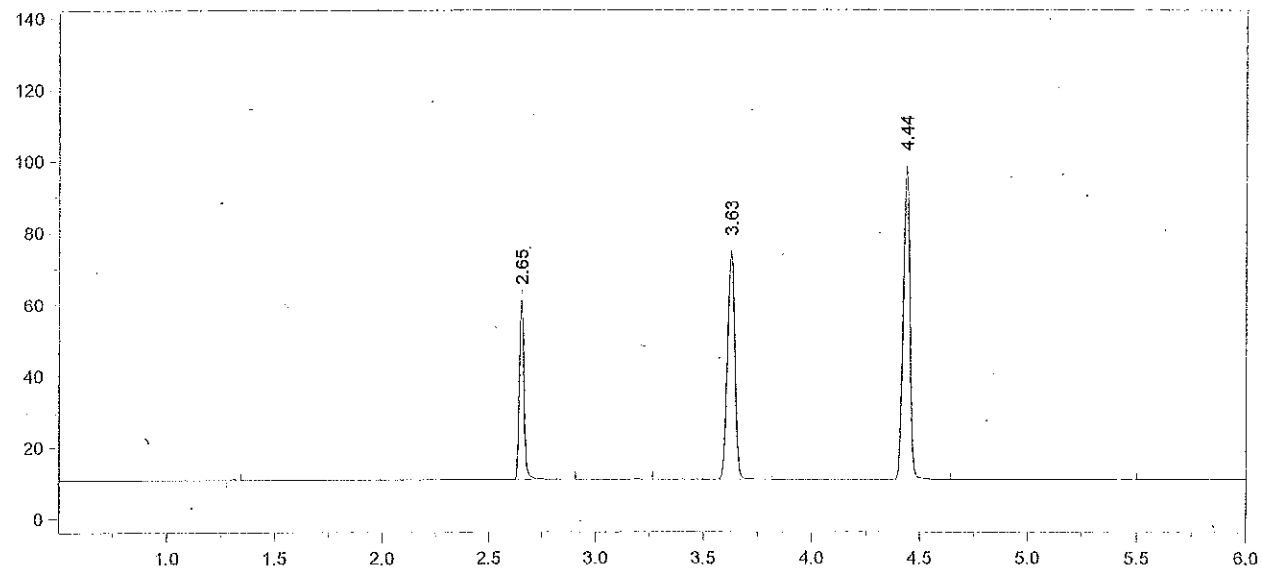
Format File Name = AlcoholVFL.FMT

Today's Date = 1/26/2015
Today's Time = 7:23:11 AM
Bound File Name = SIM01232015.0055.RAW
Sample Name = CCS
Date Taken = 1/24/2015 5:00:51 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	78937	0.0804
4	3.63	t-Butanol	142364	0.9855
5	4.44	n-Propanol	186682	1.0000

15-02-100 31 AB

Chrom Perfect Chromatogram Report



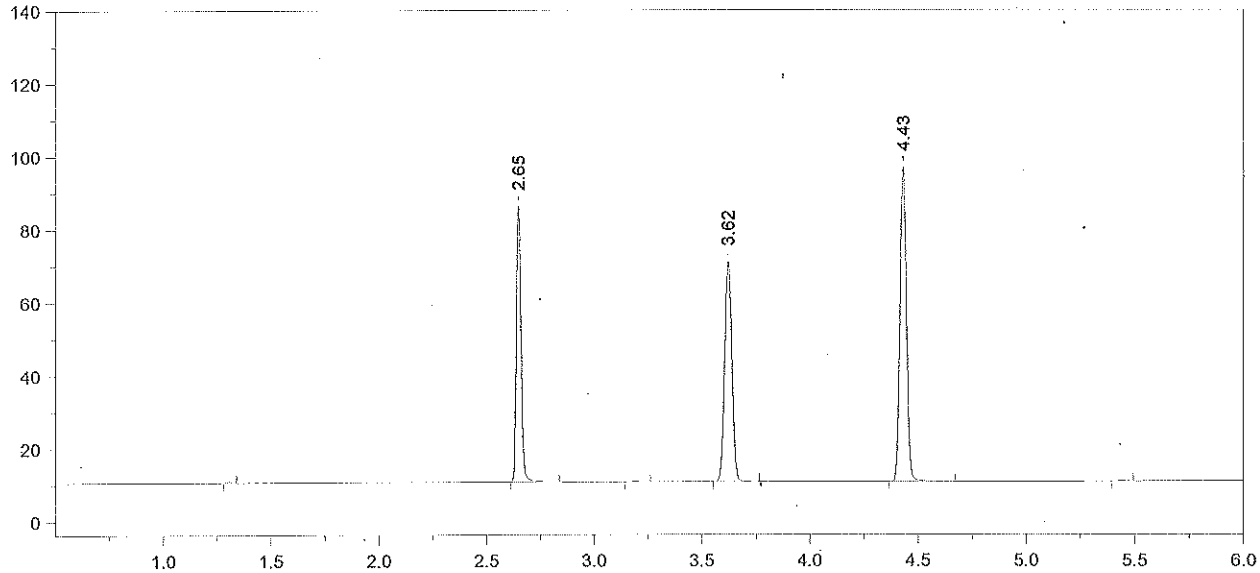
Format File Name = AlcoholVFL.FMT

Today's Date = 1/26/2015 Today's Time = 7:23:18 AM
Bound File Name = SIM01232015.0056.RAW
Sample Name = CCS
Date Taken = 1/24/2015 5:16:55 AM VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	78215	0.0798
4	3.63	t-Butanol	148617	1.0295
5	4.44	n-Propanol	186558	1.0000

Avg vals 55 + 56 = 0.080
1/26/15 AB

15-02-100 32 AB

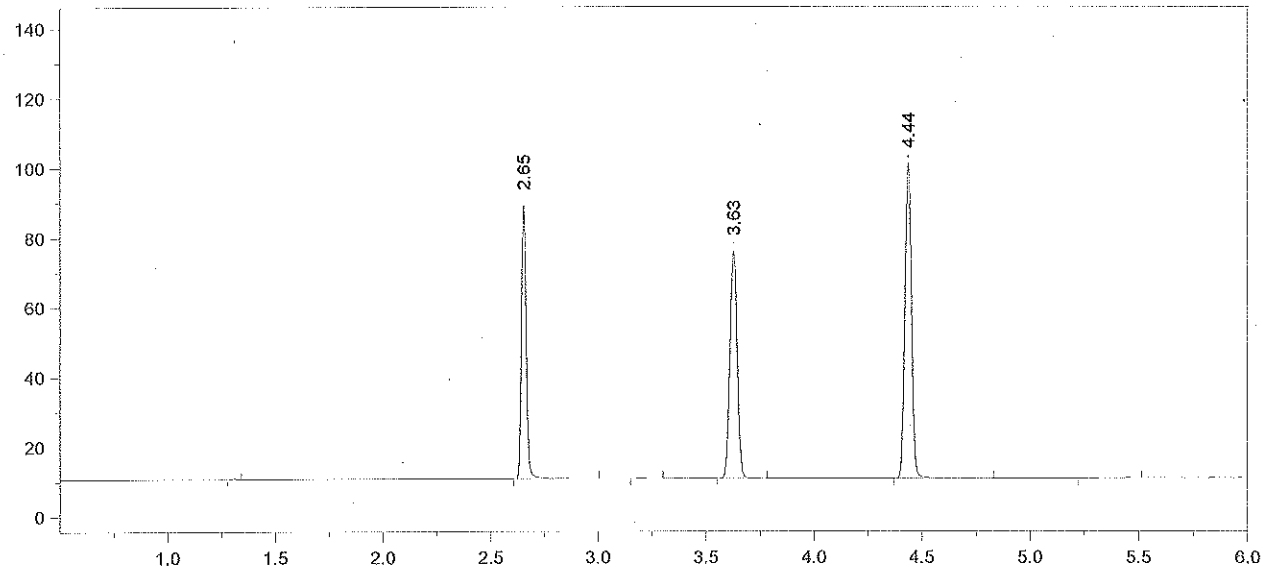


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/26/2015
Today's Time = 7:23:25 AM
Bound File Name = SIM01232015.0057.RAW
Sample Name = 0.10 CAL RLM
Date Taken = 1/24/2015 5:32:51 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	117513	0.1223	0.0998
4	3.62	t-Butanol	139674	0.9875	0.8060
5	4.43	n-Propanol	182790	1.0000	0.8162

15-02-100 33 AB

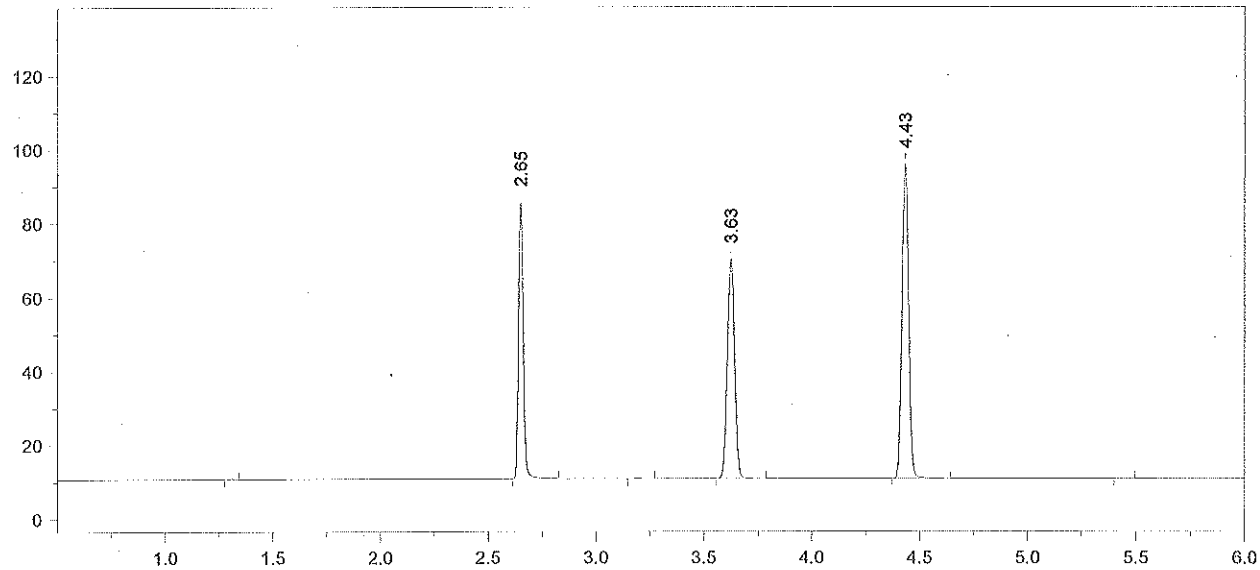


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/26/2015
Today's Time = 7:23:31 AM
Bound File Name = SIM01232015.0058.RAW
Sample Name = 0.10 CAL RLM
Date Taken = 1/24/2015 5:46:43 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	121347	0.1197	0.0977
4	3.63	t-Butanol	151945	1.0179	0.8308
5	4.44	n-Propanol	192909	1.0000	0.8162

15-02-100 34 AB

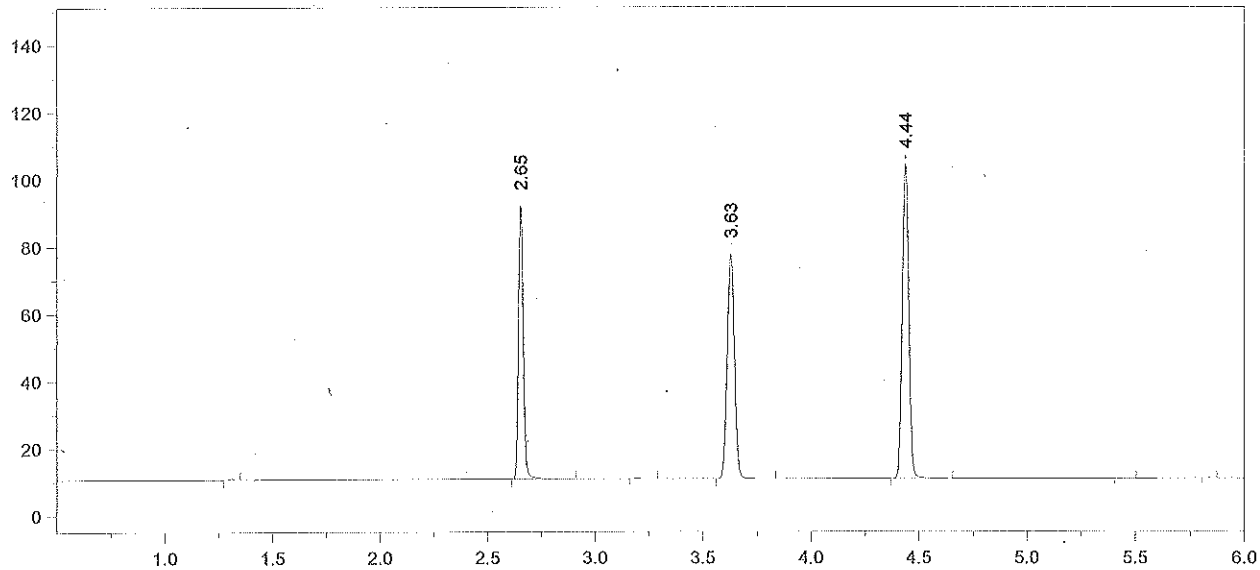


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/26/2015
Today's Time = 7:23:36 AM
Bound File Name = SIM01232015.0059.RAW
Sample Name = 0.10 CAL RLM
Date Taken = 1/24/2015 6:03:22 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	115451	0.1215	0.0992
4	3.63	t-Butanol	138268	0.9885	0.8068
5	4.43	n-Propanol	180764	1.0000	0.8162

15-02-100 35 AB

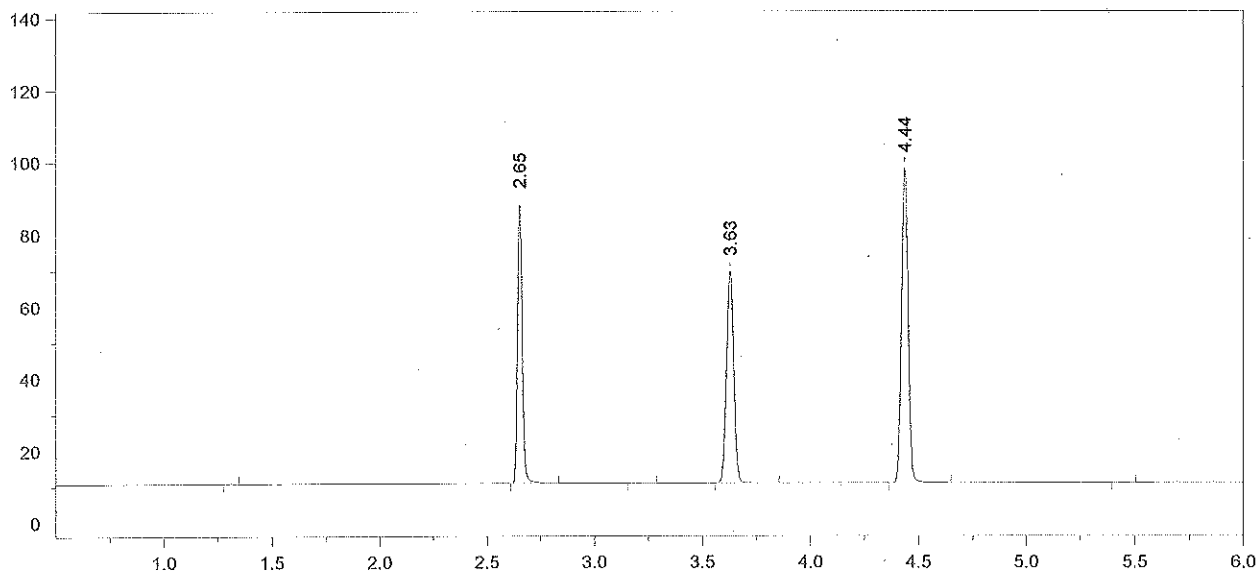


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/26/2015
Today's Time = 7:23:44 AM
Bound File Name = SIM01232015.0060.RAW
Sample Name = 0.10 CAL RLM
Date Taken = 1/24/2015 6:17:35 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	126773	0.1208	0.0986
4	3.63	t-Butanol	155325	1.0056	0.8208
5	4.44	n-Propanol	199597	1.0000	0.8162

15-02-100 3b AB

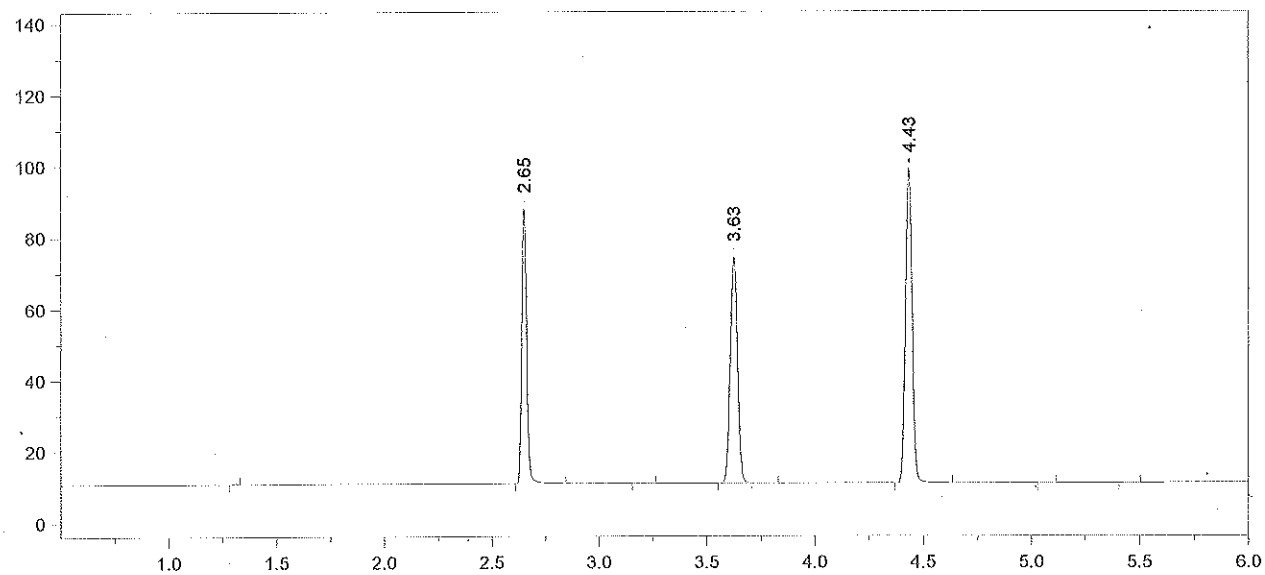


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/26/2015
Today's Time = 7:23:50 AM
Bound File Name = SIM01232015.0061.RAW
Sample Name = 0.10 CAL RLM
Date Taken = 1/24/2015 6:33:46 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	119409	0.1230	0.1004
4	3.63	t-Butanol	136907	0.9579	0.7818
5	4.44	n-Propanol	184697	1.0000	0.8162

15-02-100 37 AB

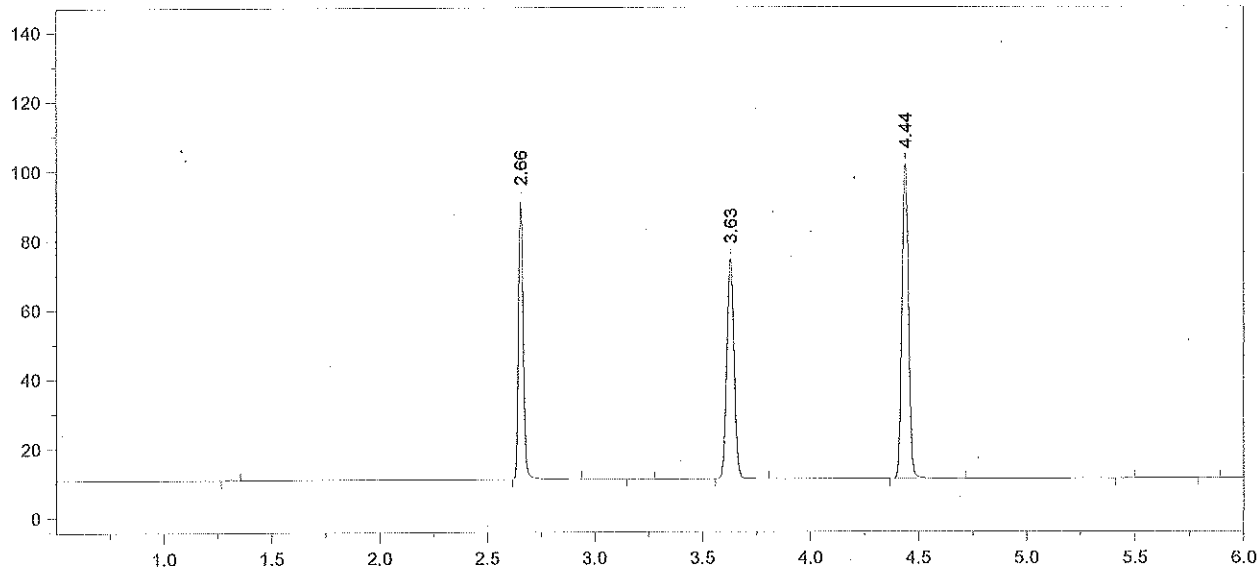


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/26/2015
Today's Time = 7:23:56 AM
Bound File Name = SIM01232015.0062.RAW
Sample Name = 0.10 CAL RLM
Date Taken = 1/24/2015 6:49:45 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	119617	0.1210	0.0988
4	3.63	t-Butanol	146916	1.0095	0.8240
5	4.43	n-Propanol	188062	1.0000	0.8162

15-02-100 38 AB

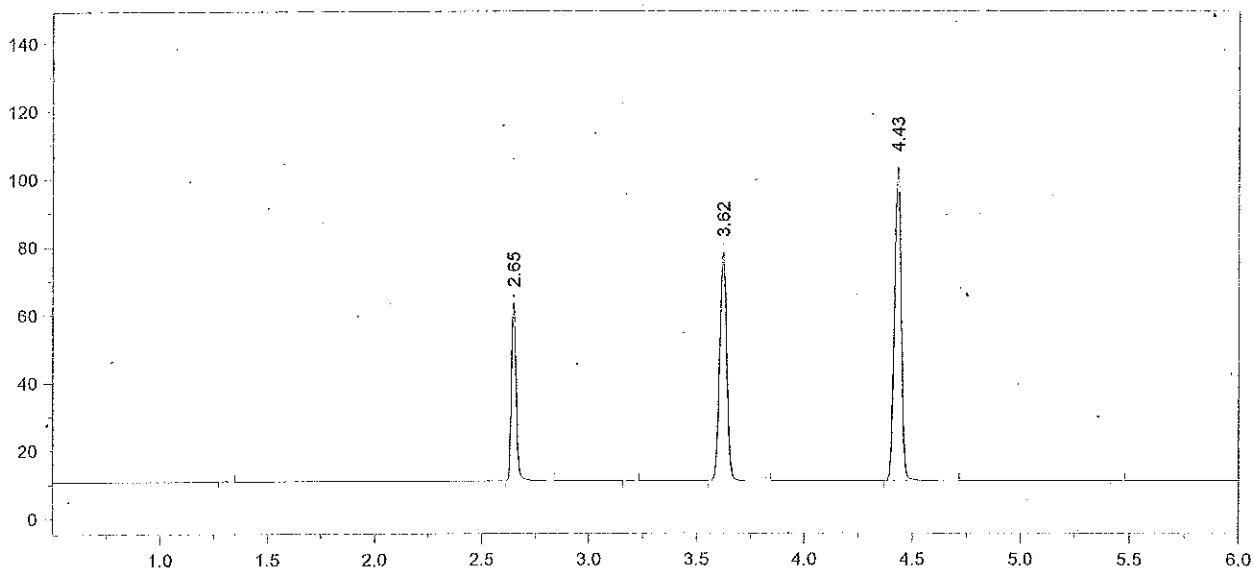


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/26/2015
Today's Time = 7:24:03 AM
Bound File Name = SIM01232015.0063.RAW
Sample Name = 0.10 CAL RLM
Date Taken = 1/24/2015 7:03:30 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.66	Ethanol	124616	0.1221	0.0996
4	3.63	t-Butanol	147212	0.9795	0.7994
5	4.44	n-Propanol	194224	1.0000	0.8162

15-02-100 39 AB

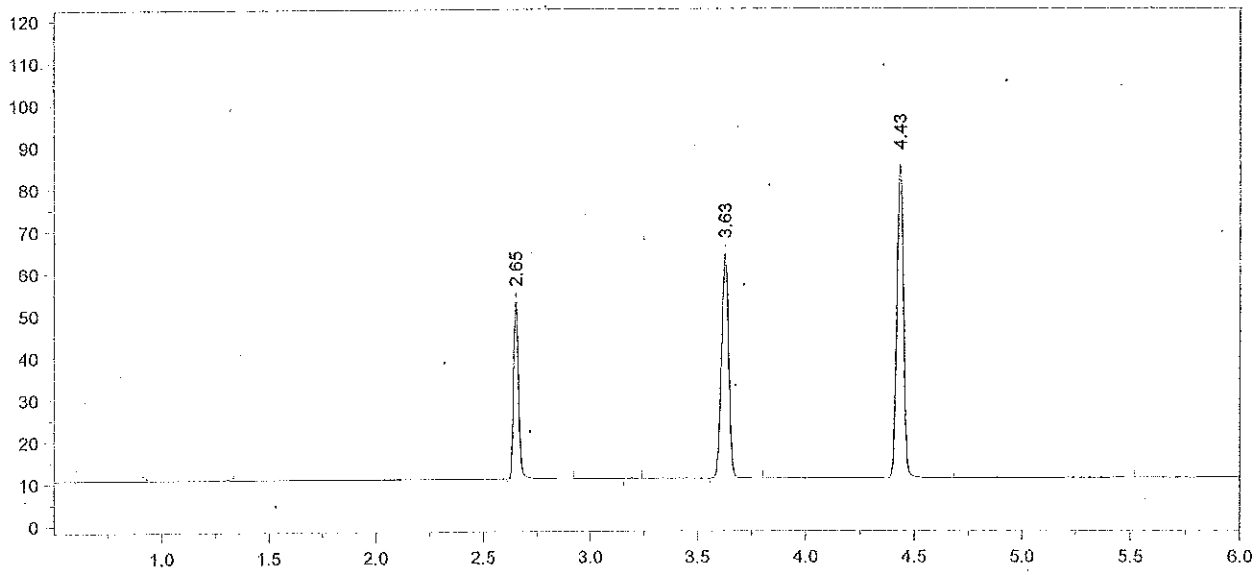


Format File Name = AlcoholVFL.FMT

Today's Date = 1/26/2015
Today's Time = 7:24:08 AM
Bound File Name = SIM01232015.0064.RAW
Sample Name = CCS
Date Taken = 1/24/2015 7:19:29 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	81848	0.0787
4	3.62	t-Butanol	155699	1.0168
5	4.43	n-Propanol	197888	1.0000

15-02-100 40



Format File Name = AlcoholVFL.FMT

Today's Date = 1/26/2015
Today's Time = 7:24:15 AM
Bound File Name = SIM01232015.0065.RAW
Sample Name = CCS
Date Taken = 1/24/2015 7:34:24 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL01232015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	66039	0.0791
4	3.63	t-Butanol	123584	1.0050
5	4.43	n-Propanol	158906	1.0000

Avg Vals 64 + 65 = 0.079
1/26/15 AS

15-02-100 41 AB

File Name = C:\Alcohol Data\SIM01272015\SIM01272015.SEQ
Version = 1
File Date = 1/27/2015 9:16:15 AM

Entry #	Raw File Name	Method File Name	Sample Name	Sample Wt.	Int. Std. Amount
1	SIM01272015.0001.raw	Blood Alc temp VFL.MET	Blank	1.00	1.00
2	SIM01272015.0002.raw	Blood Alc temp VFL.MET	TMX	1.00	1.00
3	SIM01272015.0003.raw	Blood Alc temp VFL.MET	Std A	1.00	1.00
4	SIM01272015.0004.raw	Blood Alc temp VFL.MET	Std B	1.00	1.00
5	SIM01272015.0005.raw	Blood Alc temp VFL.MET	Std C	1.00	1.00
6	SIM01272015.0006.raw	Blood Alc temp VFL.MET	Std D	1.00	1.00
7	SIM01272015.0007.raw	Blood Alc temp VFL.MET	Std E	1.00	1.00
8	SIM01272015.0008.raw	Blood Alc temp VFL.MET	AQ QC	1.00	1.00
9	SIM01272015.0009.raw	Blood Alc temp VFL.MET	AQ QC	1.00	1.00
10	SIM01272015.0010.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
11	SIM01272015.0011.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
12	SIM01272015.0012.raw	simsoln.met	0.08 ALB	1.00	1.00
13	SIM01272015.0013.raw	simsoln.met	0.08 ALB	1.00	1.00
14	SIM01272015.0014.raw	simsoln.met	0.08 ALB	1.00	1.00
15	SIM01272015.0015.raw	simsoln.met	0.08 ALB	1.00	1.00
16	SIM01272015.0016.raw	simsoln.met	0.08 ALB	1.00	1.00
17	SIM01272015.0017.raw	simsoln.met	0.08 ALB	1.00	1.00
18	SIM01272015.0018.raw	simsoln.met	0.08 ALB	1.00	1.00
19	SIM01272015.0019.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
20	SIM01272015.0020.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
21	SIM01272015.0021.raw	simsoln.met	0.08 RLM	1.00	1.00
22	SIM01272015.0022.raw	simsoln.met	0.08 RLM	1.00	1.00
23	SIM01272015.0023.raw	simsoln.met	0.08 RLM	1.00	1.00
24	SIM01272015.0024.raw	simsoln.met	0.08 RLM	1.00	1.00
25	SIM01272015.0025.raw	simsoln.met	0.08 RLM	1.00	1.00
26	SIM01272015.0026.raw	simsoln.met	0.08 RLM	1.00	1.00
27	SIM01272015.0027.raw	simsoln.met	0.08 RLM	1.00	1.00
28	SIM01272015.0028.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
29	SIM01272015.0029.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
30	SIM01272015.0030.raw	simsoln.met	0.10 SIM ALB	1.00	1.00
31	SIM01272015.0031.raw	simsoln.met	0.10 SIM ALB	1.00	1.00
32	SIM01272015.0032.raw	simsoln.met	0.10 SIM ALB	1.00	1.00
33	SIM01272015.0033.raw	simsoln.met	0.10 SIM ALB	1.00	1.00
34	SIM01272015.0034.raw	simsoln.met	0.10 SIM ALB	1.00	1.00
35	SIM01272015.0035.raw	simsoln.met	0.10 SIM ALB	1.00	1.00
36	SIM01272015.0036.raw	simsoln.met	0.10 SIM ALB	1.00	1.00
37	SIM01272015.0037.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
38	SIM01272015.0038.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
39	SIM01272015.0039.raw	simsoln.met	0.10 SIM RLM	1.00	1.00
40	SIM01272015.0040.raw	simsoln.met	0.10 SIM RLM	1.00	1.00
41	SIM01272015.0041.raw	simsoln.met	0.10 SIM RLM	1.00	1.00
42	SIM01272015.0042.raw	simsoln.met	0.10 SIM RLM	1.00	1.00
43	SIM01272015.0043.raw	simsoln.met	0.10 SIM RLM	1.00	1.00
44	SIM01272015.0044.raw	simsoln.met	0.10 SIM RLM	1.00	1.00
45	SIM01272015.0045.raw	simsoln.met	0.10 SIM RLM	1.00	1.00
46	SIM01272015.0046.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
47	SIM01272015.0047.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
48	SIM01272015.0048.raw	simsoln.met	0.10 CAL ALB	1.00	1.00
49	SIM01272015.0049.raw	simsoln.met	0.10 CAL ALB	1.00	1.00
50	SIM01272015.0050.raw	simsoln.met	0.10 CAL ALB	1.00	1.00
51	SIM01272015.0051.raw	simsoln.met	0.10 CAL ALB	1.00	1.00
52	SIM01272015.0052.raw	simsoln.met	0.10 CAL ALB	1.00	1.00
53	SIM01272015.0053.raw	simsoln.met	0.10 CAL ALB	1.00	1.00
54	SIM01272015.0054.raw	simsoln.met	0.10 CAL ALB	1.00	1.00
55	SIM01272015.0055.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
56	SIM01272015.0056.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
57	SIM01272015.0057.raw	simsoln.met	0.10 CAL RLM	1.00	1.00
58	SIM01272015.0058.raw	simsoln.met	0.10 CAL RLM	1.00	1.00
59	SIM01272015.0059.raw	simsoln.met	0.10 CAL RLM	1.00	1.00
60	SIM01272015.0060.raw	simsoln.met	0.10 CAL RLM	1.00	1.00
61	SIM01272015.0061.raw	simsoln.met	0.10 CAL RLM	1.00	1.00
62	SIM01272015.0062.raw	simsoln.met	0.10 CAL RLM	1.00	1.00

CCS's 19 + 20 at end of packet pgs 80 & 81 1/28/15 SB

Other solutions not included SB 1/28/15

15-02-100 42 SB

Chrom Perfect Sequence File

Entry #	Raw File Name	Method File Name	Sample Name	Sample Wt.	Int. Std. Amount
63	SIM01272015.0063.raw	simsoln.met	0.10 CAL RLM	1.00	1.00
64	SIM01272015.0064.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
65	SIM01272015.0065.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00

15-02-100 43 AB

File Name: C:\Methods\SIM01272015.CAL
Version: 7

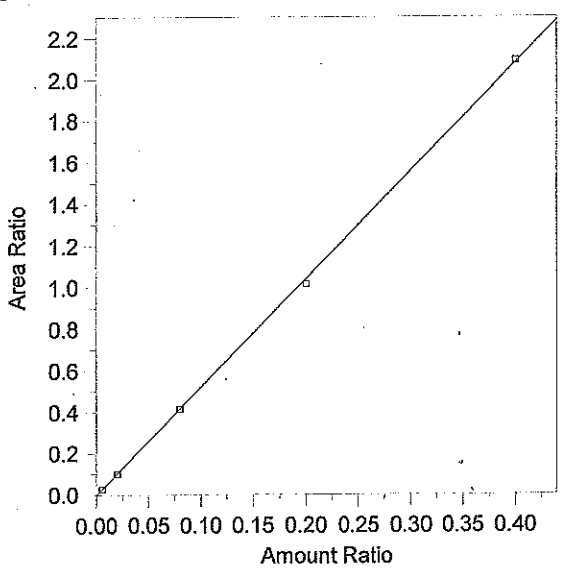
Creator:
Description:
Reason for change:

Internal standard calibration
No injection volume correction
No sample weight correction
Area reject threshold: 1500
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:	2.656 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

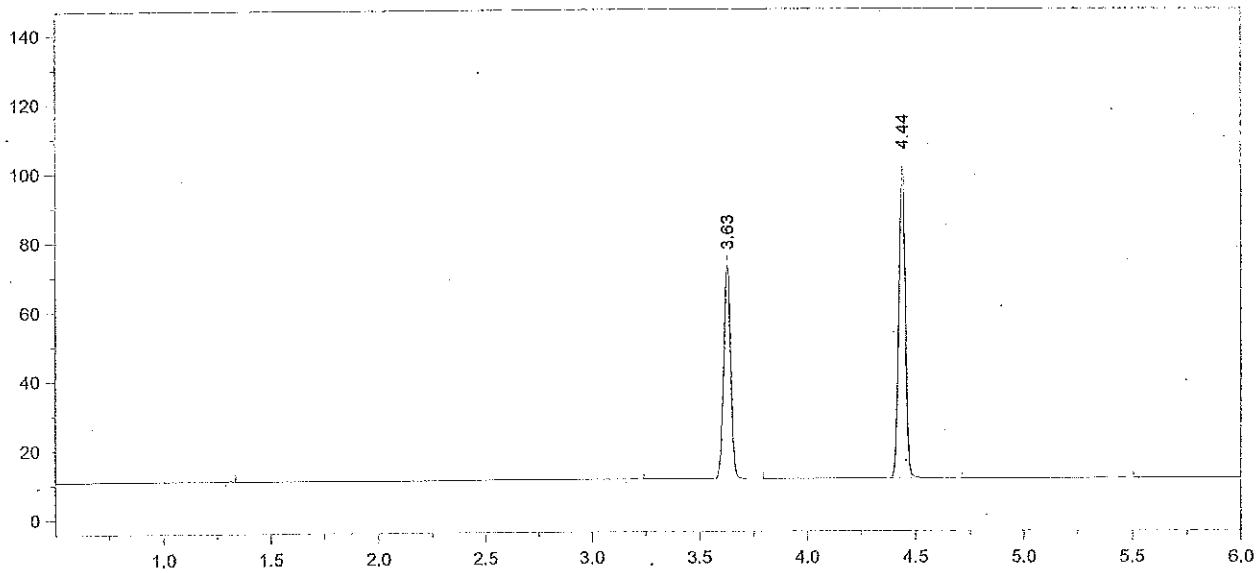
Y = 5.200883 X + 0

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9997561
Average error:	1.435%
Average CF:	5.148471
RSD:	1.853%

Level	Amount	Response	Cal Factor	Error, %	Amount Ratio	Response Ratio	Source	Date and time
1	(0.0836)	(85146)	--	--	0.0836	85146	Manual	8/13/2014 9:33:12 AM
2	0.005	4957.571	991514.2	0.484	0.005	0.0261303	C:\Alcohol Data\SIM01272015\SIM01272015.0003.BND	1/27/2015 10:23:38 AM
3	0.02	18677.24	933862.1	-3.577	0.02	0.100297	C:\Alcohol Data\SIM01272015\SIM01272015.0004.BND	1/27/2015 10:40:56 AM
4	0.08	76231.43	952892.9	-0.272	0.08	0.414939	C:\Alcohol Data\SIM01272015\SIM01272015.0005.BND	1/27/2015 10:55:02 AM
5	0.2	217110	1085550	-2.258	0.2	1.016687	C:\Alcohol Data\SIM01272015\SIM01272015.0006.BND	1/27/2015 11:10:35 AM
6	0.4	394895.3	987238.3	0.584	0.4	2.092509	C:\Alcohol Data\SIM01272015\SIM01272015.0007.BND	1/27/2015 11:26:34 AM

15-02-100 44 AB

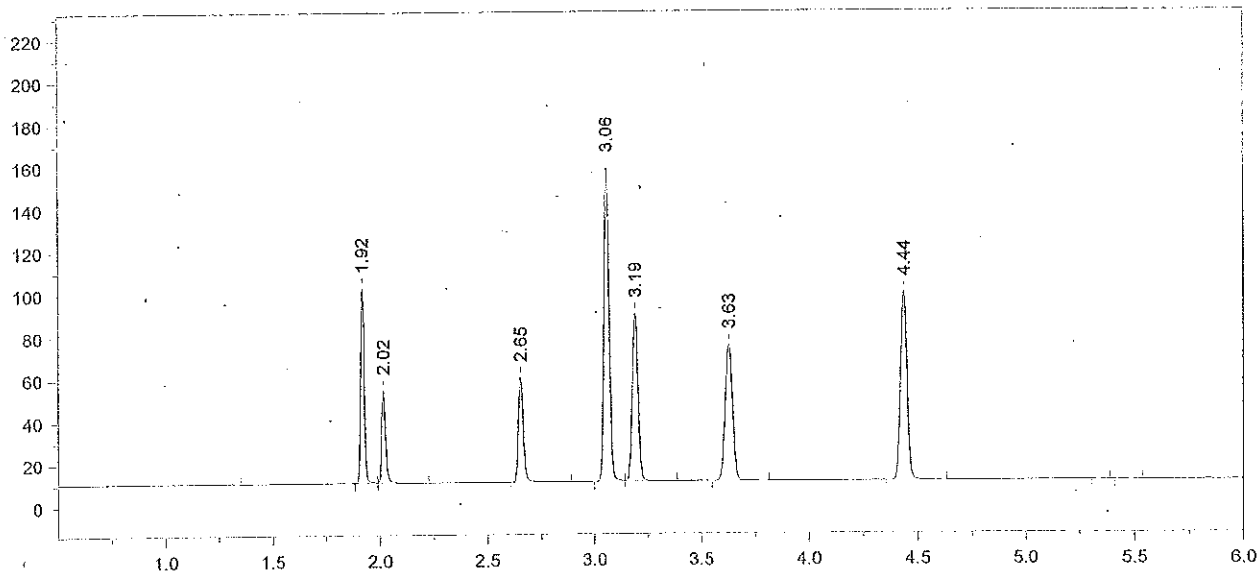


Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 1:53:52 PM
Bound File Name = SIM01272015.0001.RAW
Sample Name = Blank
Date Taken = 1/27/2015 9:53:01 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	3.63	t-Butanol	143644	0.9611
4	4.44	n-Propanol	192756	1.0000

15-02-100 45 AB

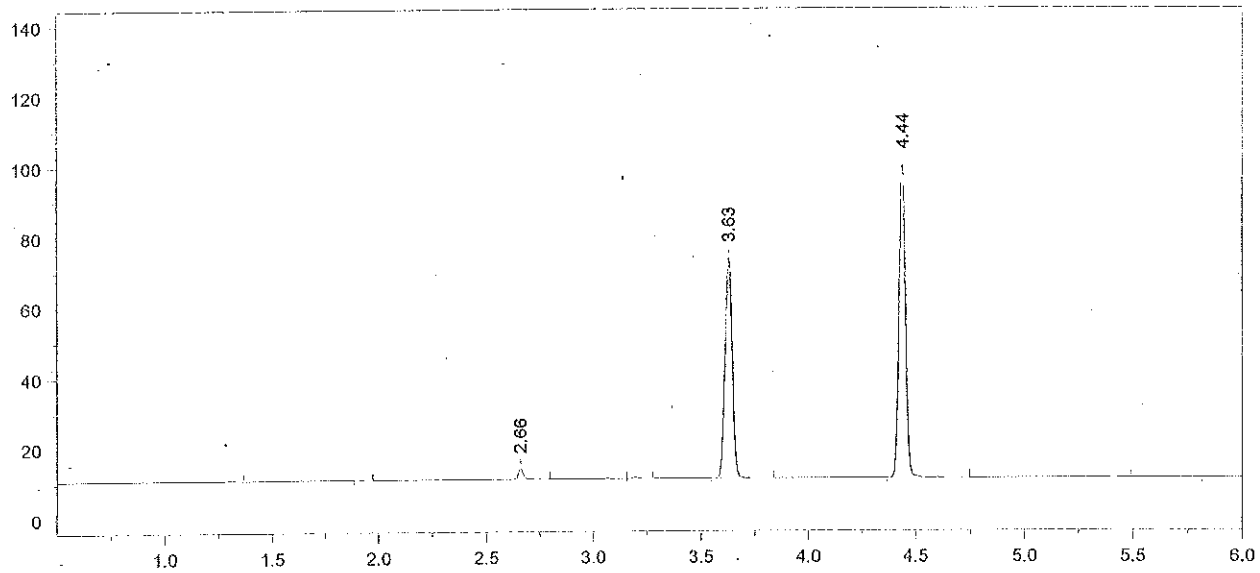


Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 1:54:00 PM
Bound File Name = SIM01272015.0002.RAW
Sample Name = TMX
Date Taken = 1/27/2015 10:09:22 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	1.92	Acetaldehyde	109208	0.0695
3	2.02	Methanol	55479	0.1232
4	2.65	Ethanol	77212	0.0790
5	3.06	Acetone	254879	0.0657
6	3.19	Isopropanol	148720	0.0848
7	3.63	t-Butanol	149189	1.0237
8	4.44	n-Propanol	187944	1.0000

15-02-100 46 AB

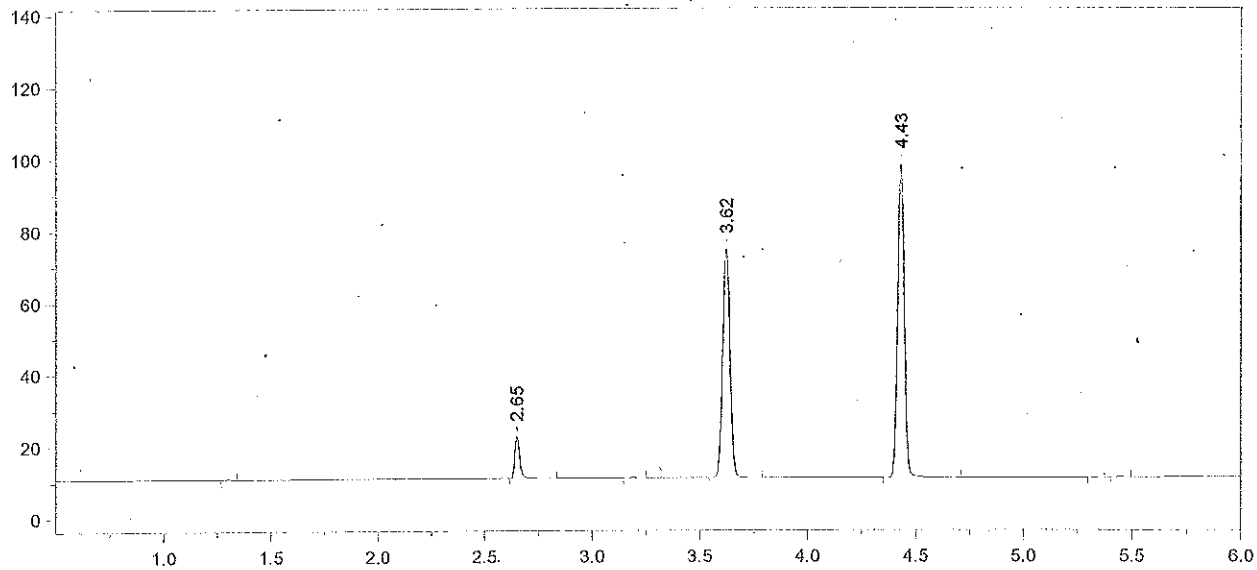


Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 1:54:05 PM
Bound File Name = SIM01272015.0003.RAW
Sample Name = Std A
Date Taken = 1/27/2015 10:23:30 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.66	Ethanol	04958	0.0050
6	3.63	t-Butanol	145185	0.9869
7	4.44	n-Propanol	189725	1.0000

15-02-100 47 AB



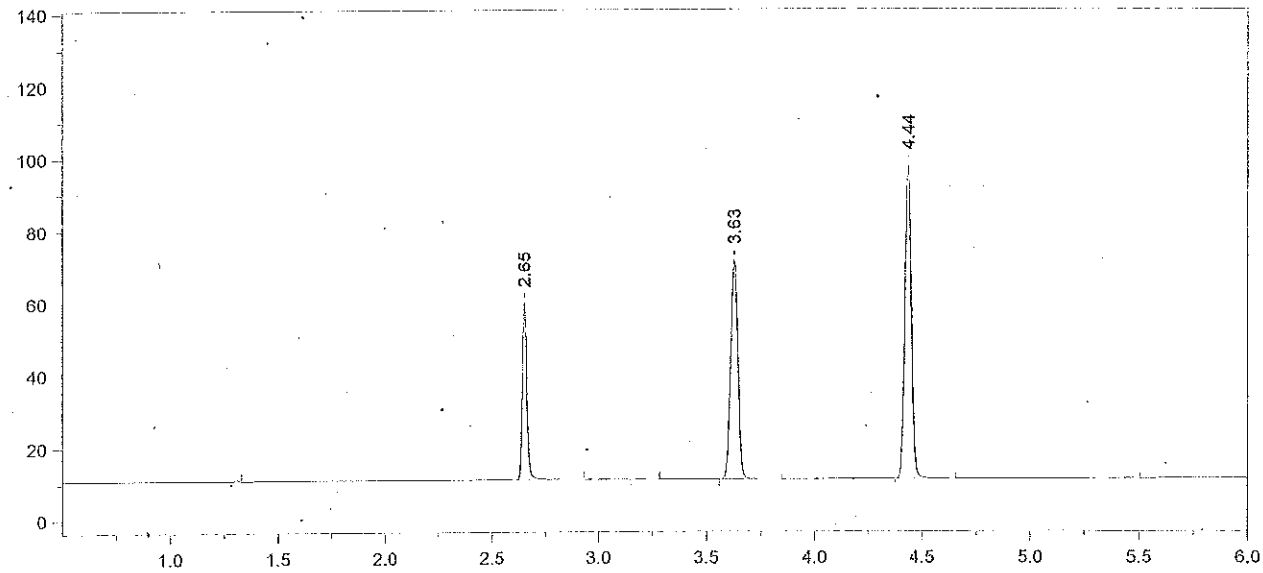
Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 1:54:11 PM
Bound File Name = SIM01272015.0004.RAW
Sample Name = Std B
Date Taken = 1/27/2015 10:40:46 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	18677	0.0193
4	3.62	t-Butanol	147538	1.0218
5	4.43	n-Propanol	186219	1.0000

15-02-100 48 AB

Chrom Perfect Chromatogram Report

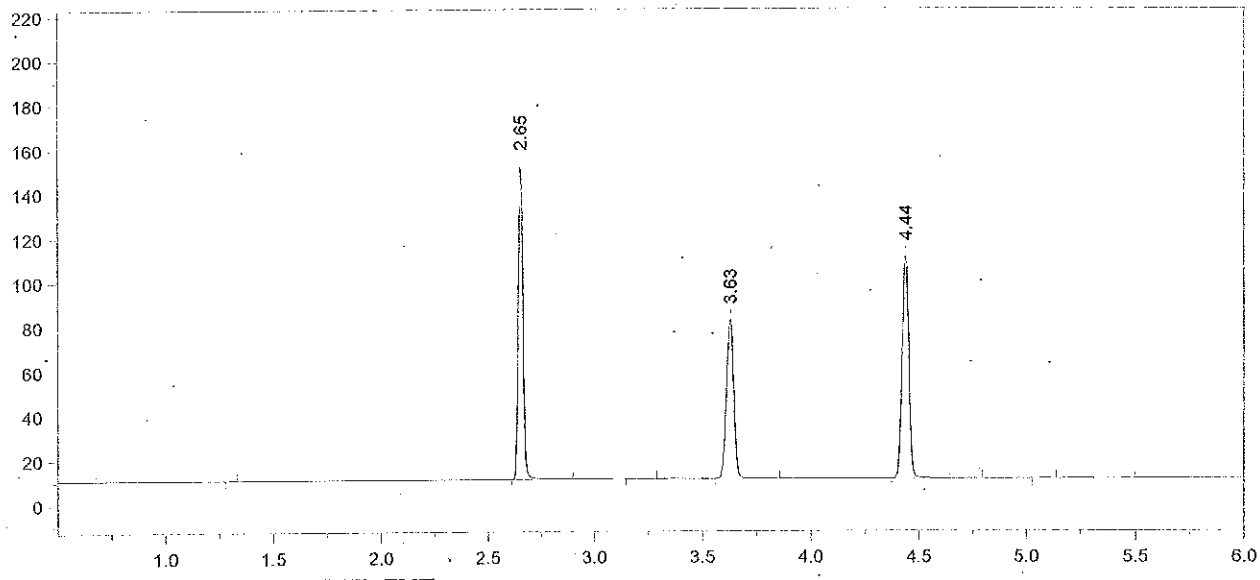


Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 1:54:17 PM
Bound File Name = SIM01272015.0005.RAW
Sample Name = Std C
Date Taken = 1/27/2015 10:54:55 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	76231	0.0798
4	3.63	t-Butanol	140621	0.9871
5	4.44	n-Propanol	183717	1.0000

15-02-100 49 SB

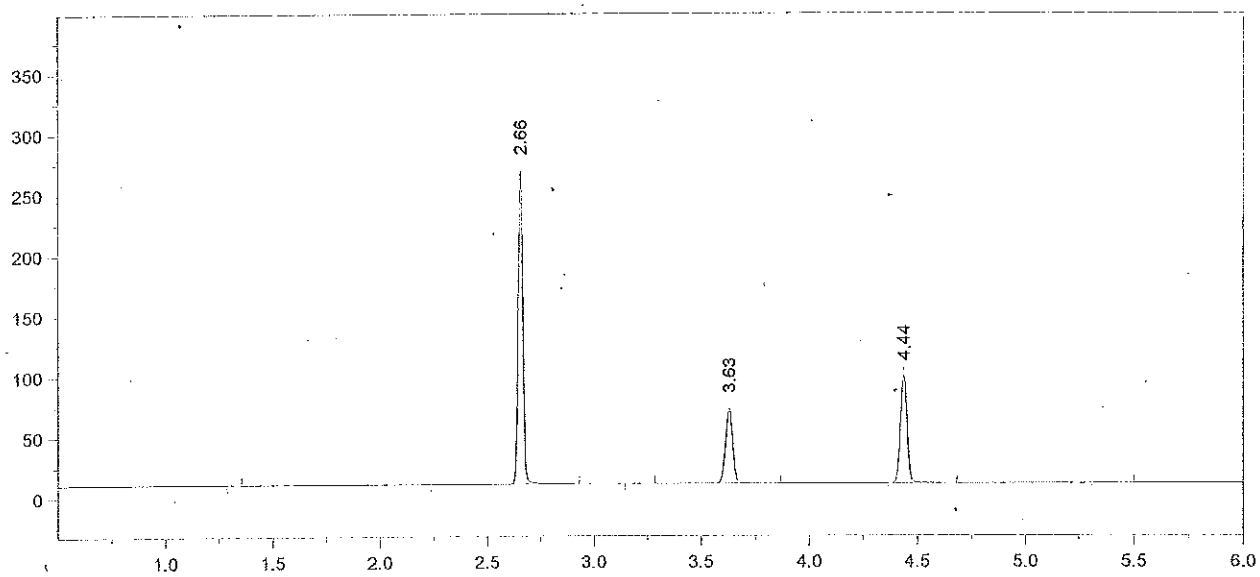


Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 1:54:23 PM
Bound File Name = SIM01272015.0006.RAW
Sample Name = Std D
Date Taken = 1/27/2015 11:10:28 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	217110	0.1955
4	3.63	t-Butanol	166629	1.0063
5	4.44	n-Propanol	213547	1.0000

15-02-100 50 AB

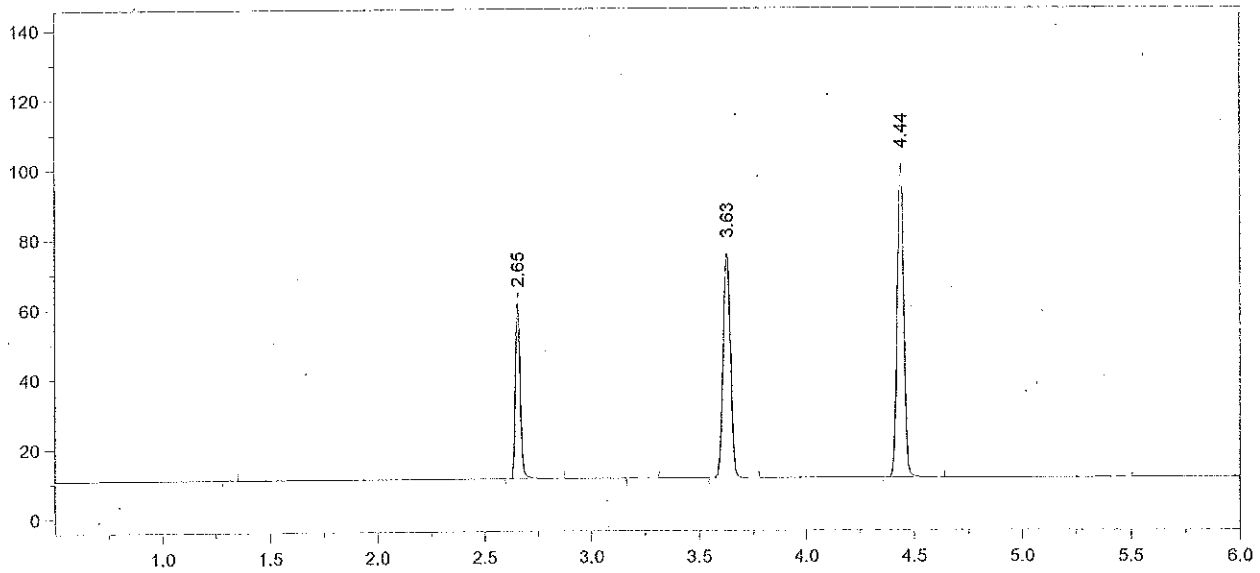


Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 1:54:28 PM
Bound File Name = SIM01272015.0007.RAW
Sample Name = Std E
Date Taken = 1/27/2015 11:26:29 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.66	Ethanol	394895	0.4023
4	3.63	t-Butanol	142545	0.9741
5	4.44	n-Propanol	188719	1.0000

15-02-100 51 AB

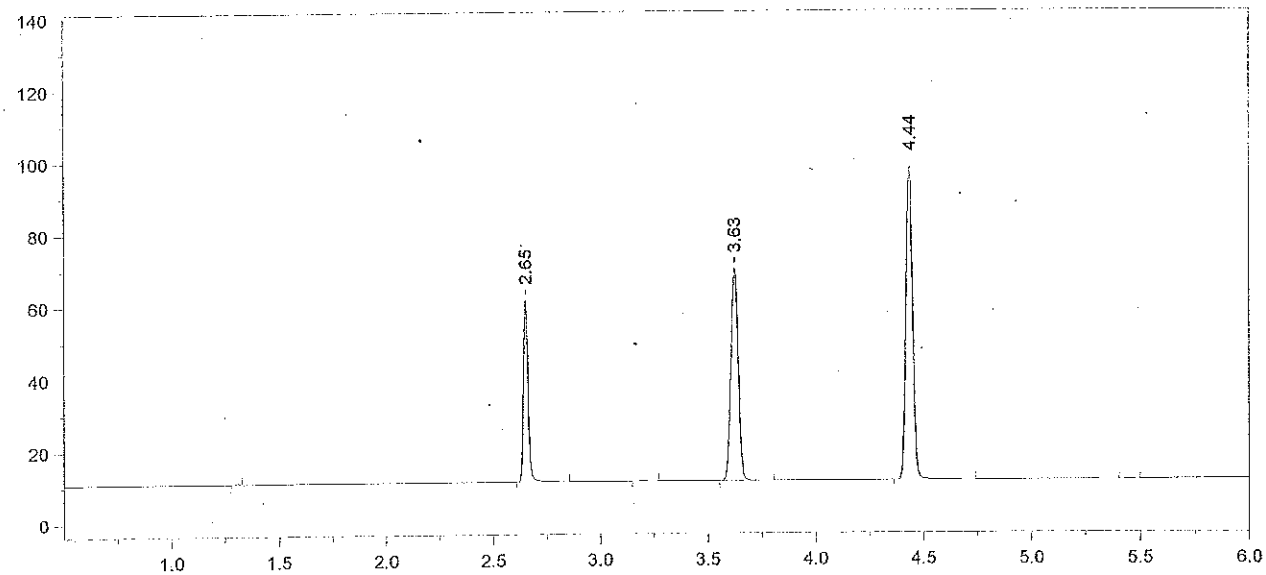


Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 11:42:07 AM
Bound File Name = SIM01272015.0008.RAW
Sample Name = AQ QC
Date Taken = 1/27/2015 11:42:02 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	78525	0.0791
4	3.63	t-Butanol	150087	1.0142
5	4.44	n-Propanol	190853	1.0000

15-02-100 52 AB



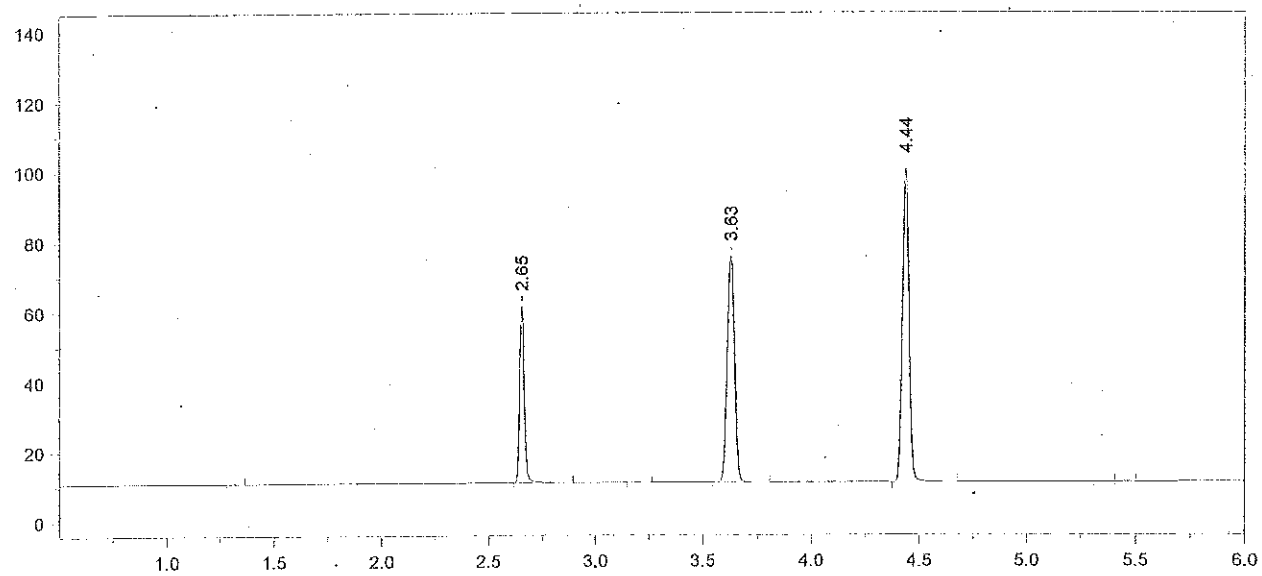
Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 11:56:55 AM
Bound File Name = SIM01272015.0009.RAW
Sample Name = AQ QC
Date Taken = 1/27/2015 11:56:51 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	78260	0.0812
4	3.63	t-Butanol	136513	0.9498
5	4.44	n-Propanol	185354	1.0000

Avg vals 8+9 = 0.080
1/28/15 AB

AB 1/28/15
15-02-100
Y 53
AB

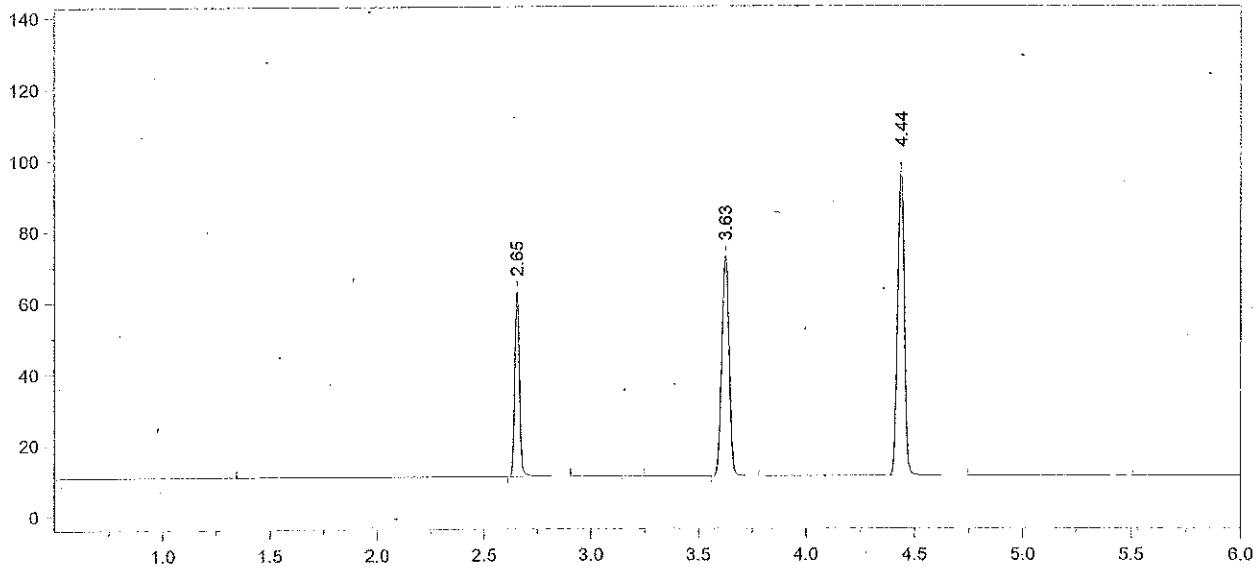


Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 12:13:30 PM
Bound File Name = SIM01272015.0010.RAW
Sample Name = CCS
Date Taken = 1/27/2015 12:13:24 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	79091	0.0800
4	3.63	t-Butanol	149898	1.0169
5	4.44	n-Propanol	190114	1.0000

15-02-100 54 AB



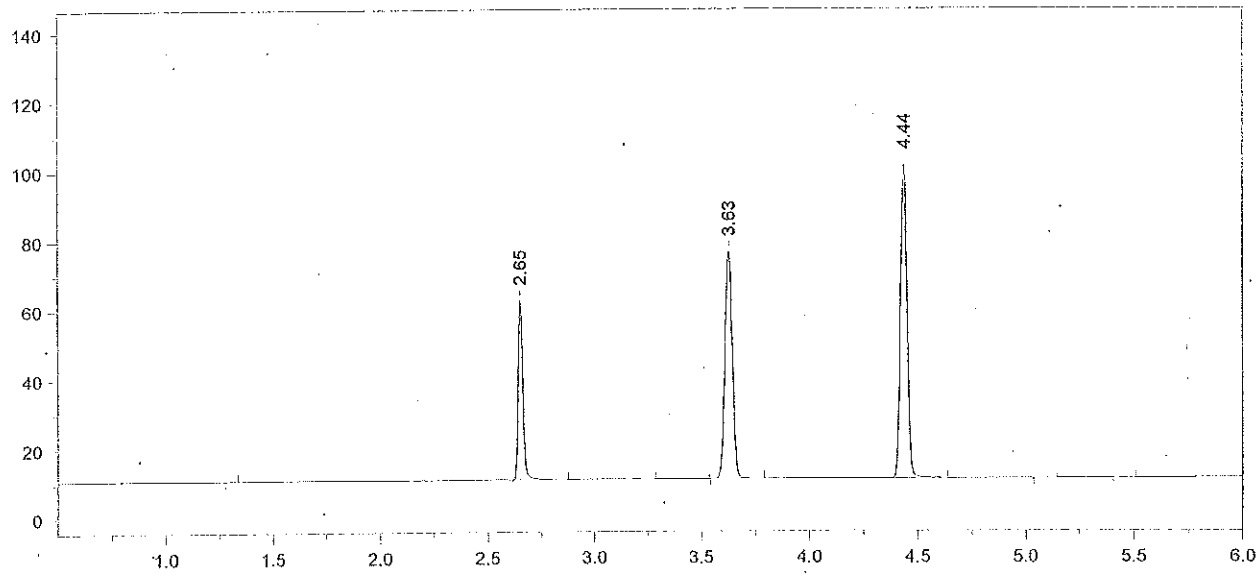
Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 12:28:04 PM
Bound File Name = SIM01272015.0011.RAW
Sample Name = CCS
Date Taken = 1/27/2015 12:28:00 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	80585	0.0823
4	3.63	t-Butanol	142845	0.9784
5	4.44	n-Propanol	188284	1.0000

Avg vals 10 + 11 = 0.081
1/28/15 AB

15-02-100 55 AB

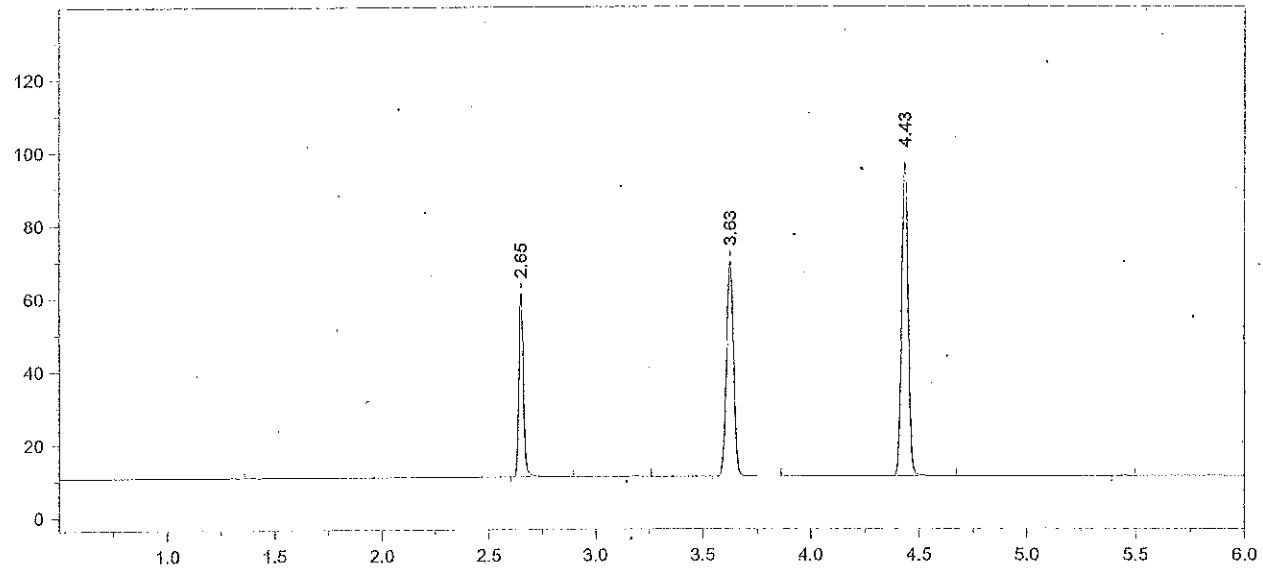


Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 4:56:20 PM
Bound File Name = SIM01272015.0028.RAW
Sample Name = CCS
Date Taken = 1/27/2015 4:56:11 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	80305	0.0805
4	3.63	t-Butanol	152180	1.0235
5	4.44	n-Propanol	191758	1.0000

15-02-100 56 AB



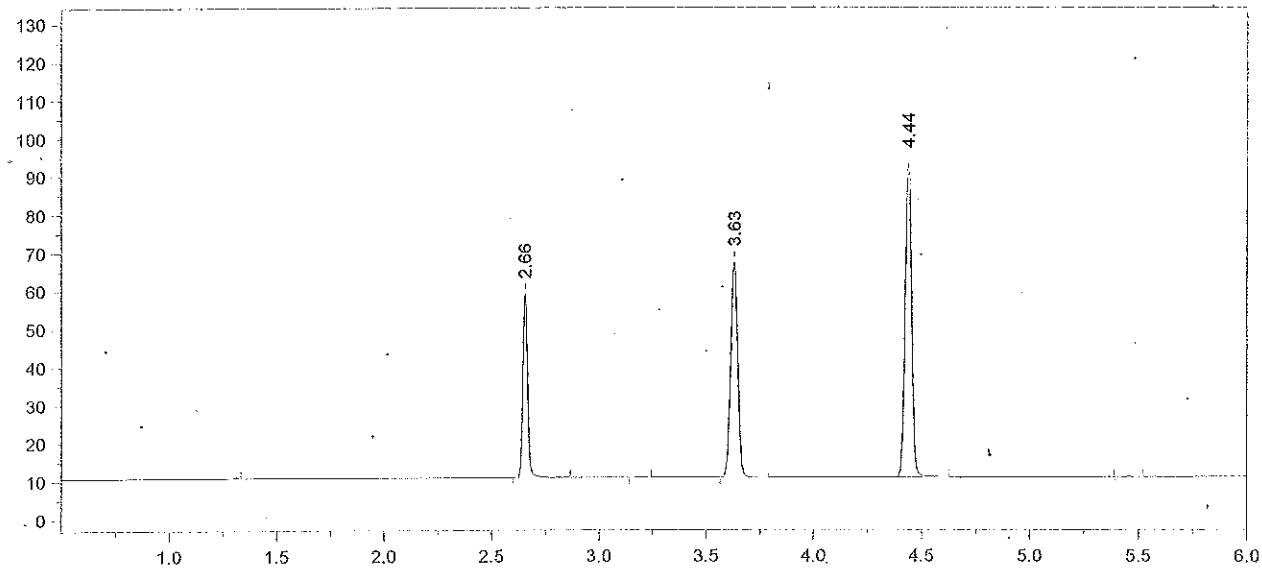
Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 5:10:32 PM
Bound File Name = SIM01272015.0029.RAW
Sample Name = CCS
Date Taken = 1/27/2015 5:10:22 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	78840	0.0832
4	3.63	t-Butanol	136244	0.9641
5	4.43	n-Propanol	182260	1.0000

Avg vials 28 + 29 = 0.082
1/28/15 AB

15-02-100 57 AB

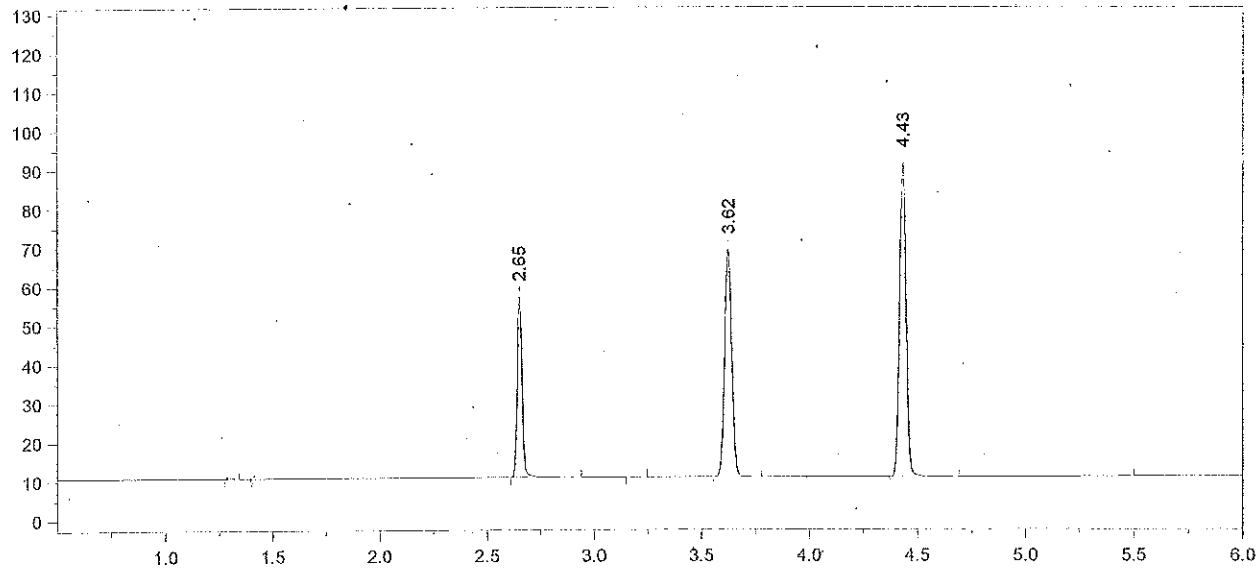


Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 7:16:05 PM
Bound File Name = SIM01272015.0037.RAW
Sample Name = CCS
Date Taken = 1/27/2015 7:15:59 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.66	Ethanol	74898	0.0823
4	3.63	t-Butanol	131084	0.9663
5	4.44	n-Propanol	174960	1.0000

15-02-100 58 AB



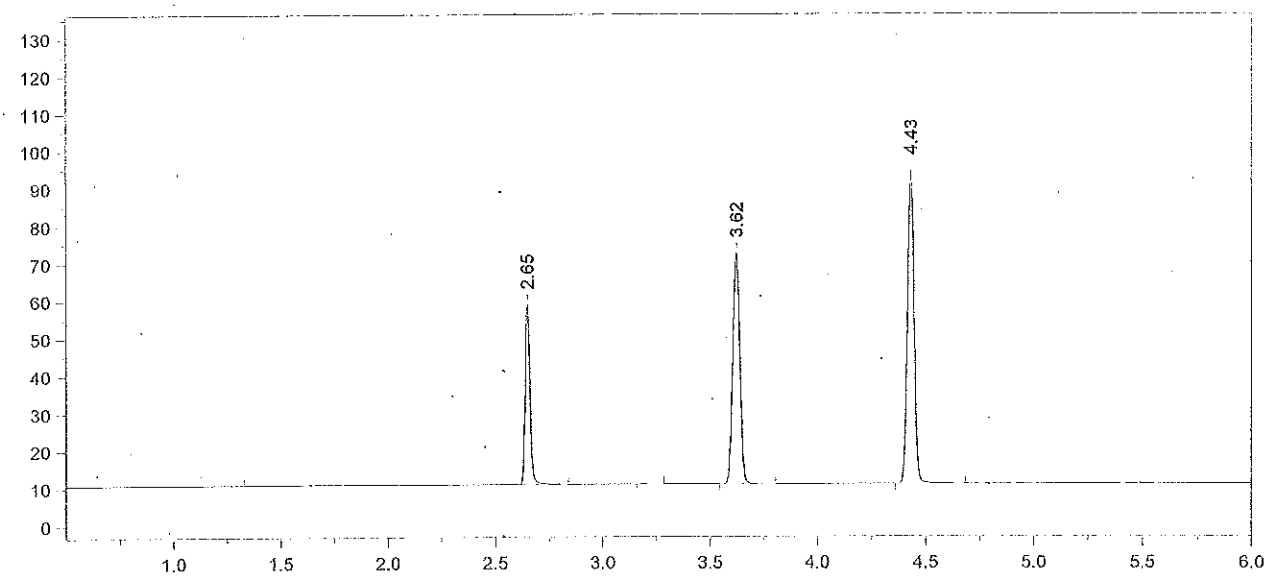
Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 7:33:29 PM
Bound File Name = SIM01272015.0038.RAW
Sample Name = CCS
Date Taken = 1/27/2015 7:33:20 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	72553	0.0812
4	3.62	t-Butanol	135944	1.0203
5	4.43	n-Propanol	171832	1.0000

Avg vals 37 + 38 = 0.082
1/28/15 AB

15-02-100 59 AB

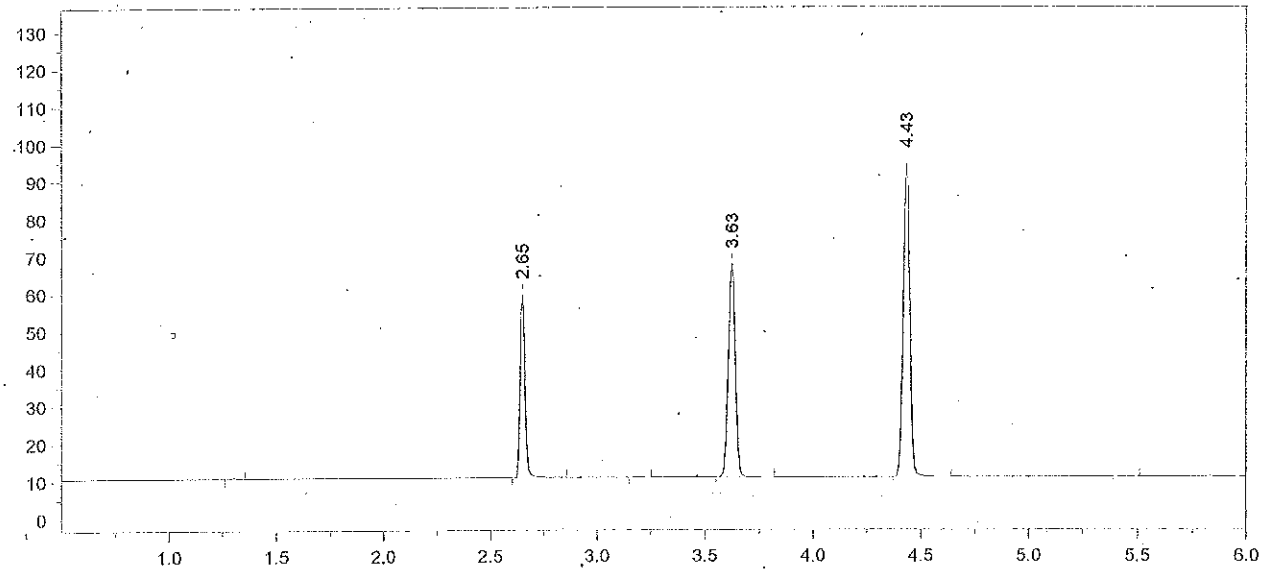


Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 9:39:14 PM
Bound File Name = SIM01272015.0046.RAW
Sample Name = CCS
Date Taken = 1/27/2015 9:39:08 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	74730	0.0802
4	3.62	t-Butanol	142394	1.0247
5	4.43	n-Propanol	179215	1.0000

15-02-100 60 AB



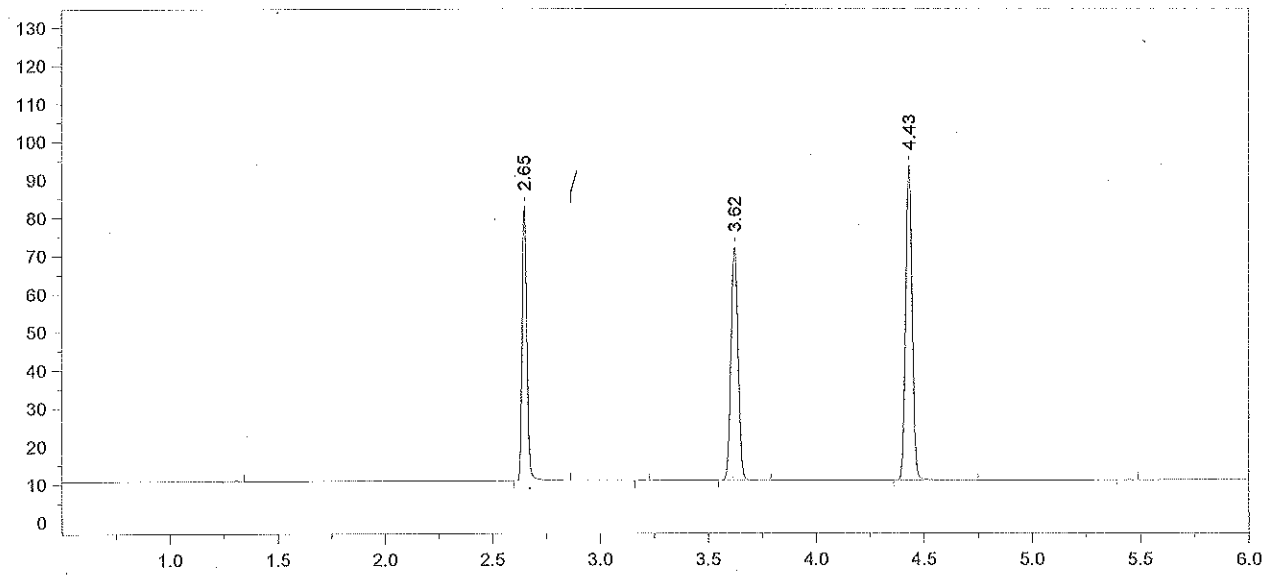
Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 9:53:08 PM
Bound File Name = SIM01272015.0047.RAW
Sample Name = CCS
Date Taken = 1/27/2015 9:53:03 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	76119	0.0824
4	3.63	t-Butanol	132571	0.9628
5	4.43	n-Propanol	177576	1.0000

Avg vals 46 + 47 = 0.081
1/28/15 AB

15-02-100 61 AB

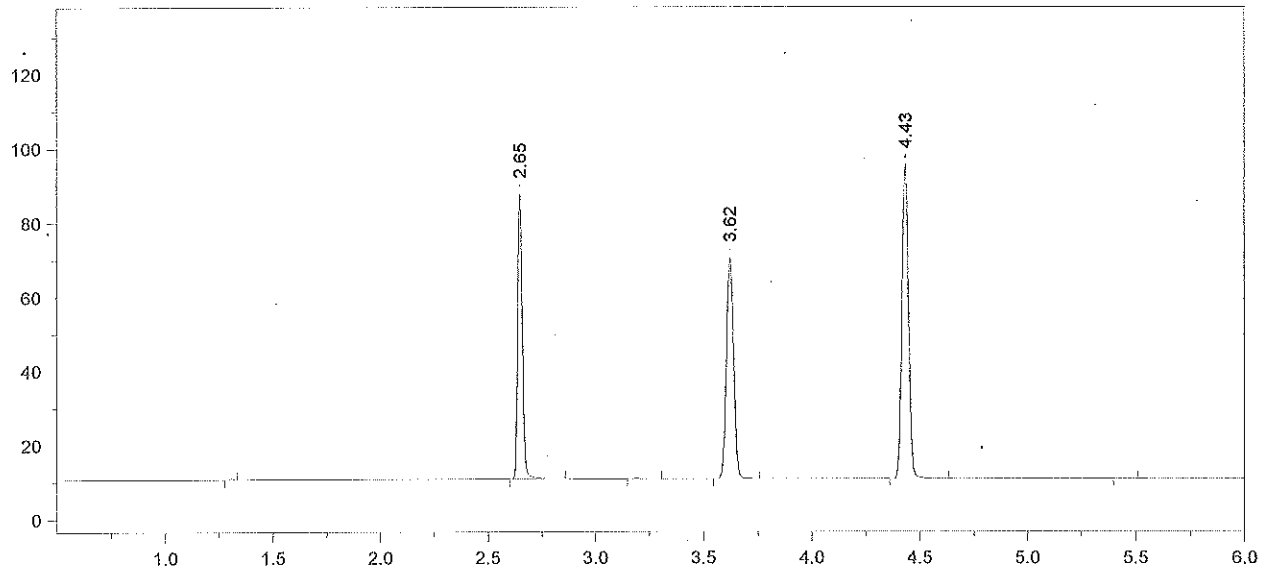


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/27/2015
Today's Time = 10:10:44 PM
Bound File Name = SIM01272015.0048.RAW
Sample Name = 0.10 CAL ALB
Date Taken = 1/27/2015 10:10:35 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	111088	0.1208	0.0986
4	3.62	t-Butanol	141562	1.0322	0.8425
5	4.43	n-Propanol	176868	1.0000	0.8162

15-02-100 WZ AB

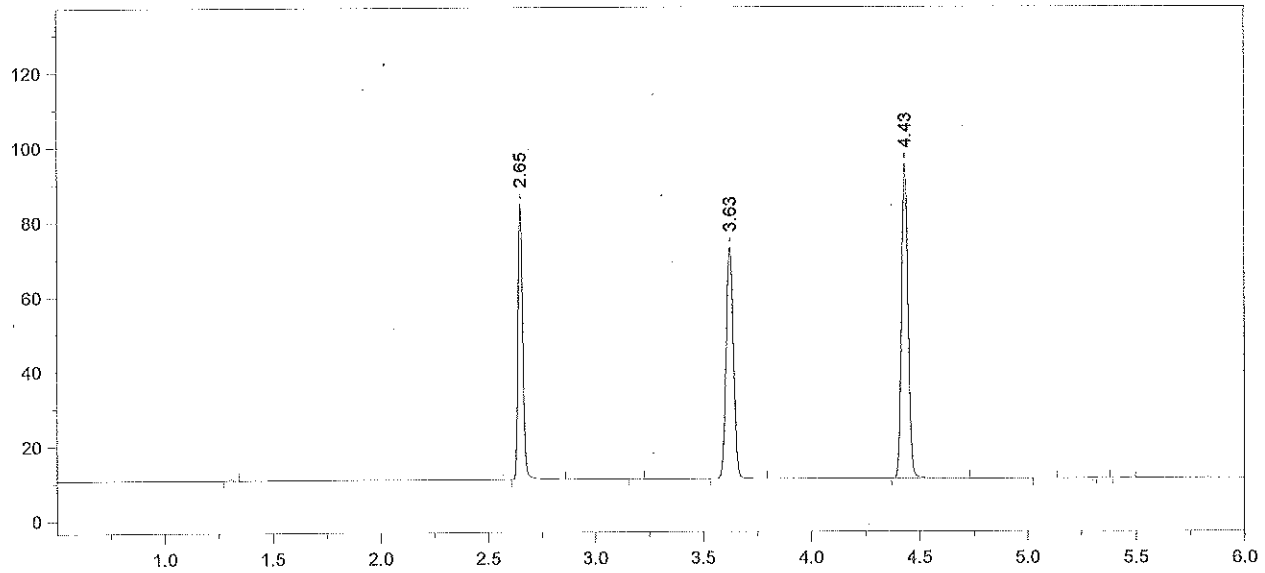


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/27/2015
Today's Time = 10:24:45 PM
Bound File Name = SIM01272015.0049.RAW
Sample Name = 0.10 CAL ALB
Date Taken = 1/27/2015 10:24:38 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	118304	0.1256	0.1025
4	3.62	t-Butanol	138275	0.9850	0.8040
5	4.43	n-Propanol	181047	1.0000	0.8162

15-02-100 63 AB

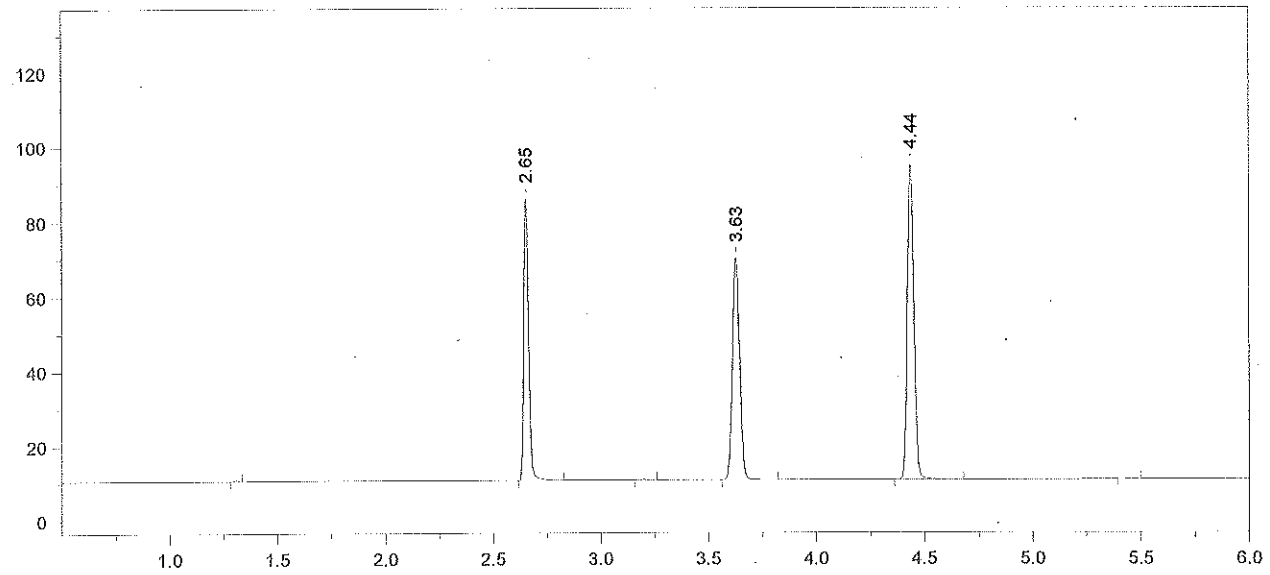


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/27/2015
Today's Time = 10:42:09 PM
Bound File Name = SIM01272015.0050.RAW
Sample Name = 0.10 CAL ALB
Date Taken = 1/27/2015 10:42:01 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	114367	0.1223	0.0999
4	3.63	t-Butanol	144215	1.0347	0.8446
5	4.43	n-Propanol	179745	1.0000	0.8162

15-.02-100 64 SB

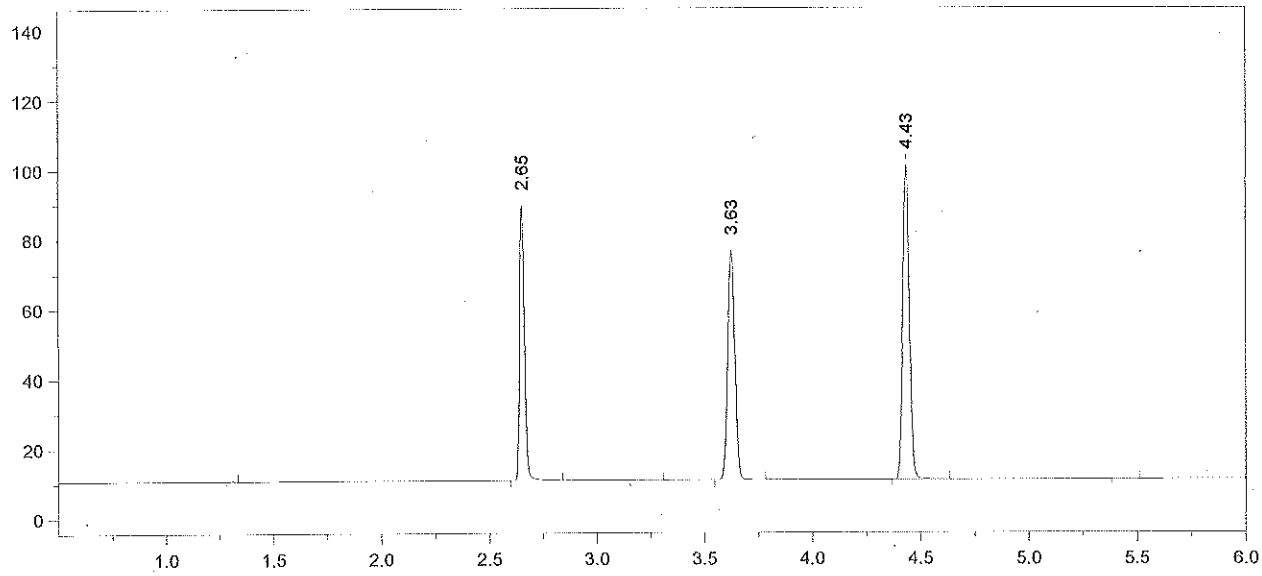


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/27/2015
Today's Time = 10:56:18 PM
Bound File Name = SIM01272015.0051.RAW
Sample Name = 0.10 CAL ALB
Date Taken = 1/27/2015 10:56:09 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	117377	0.1256	0.1025
4	3.63	t-Butanol	138055	0.9907	0.8086
5	4.44	n-Propanol	179725	1.0000	0.8162

15-02-100
~~15-10~~ 65

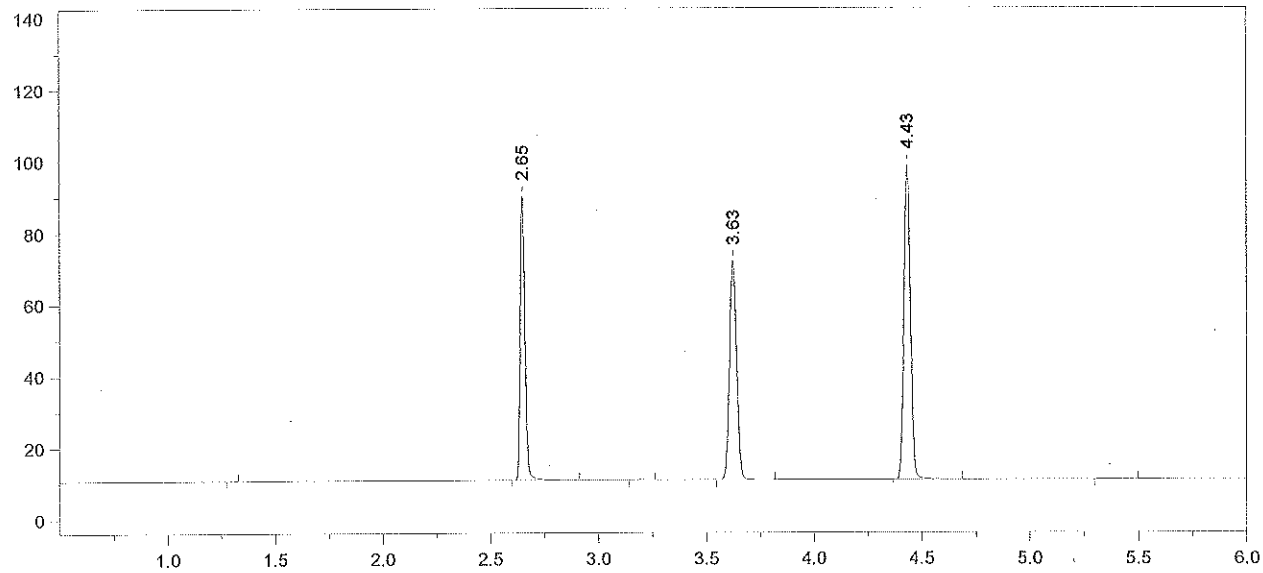


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/27/2015
Today's Time = 11:11:54 PM
Bound File Name = SIM01272015.0052.RAW
Sample Name = 0.10 CAL ALB
Date Taken = 1/27/2015 11:11:48 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	122515	0.1229	0.1003
4	3.63	t-Butanol	152184	1.0242	0.8360
5	4.43	n-Propanol	191623	1.0000	0.8162

15-02-100 66 [illegible]

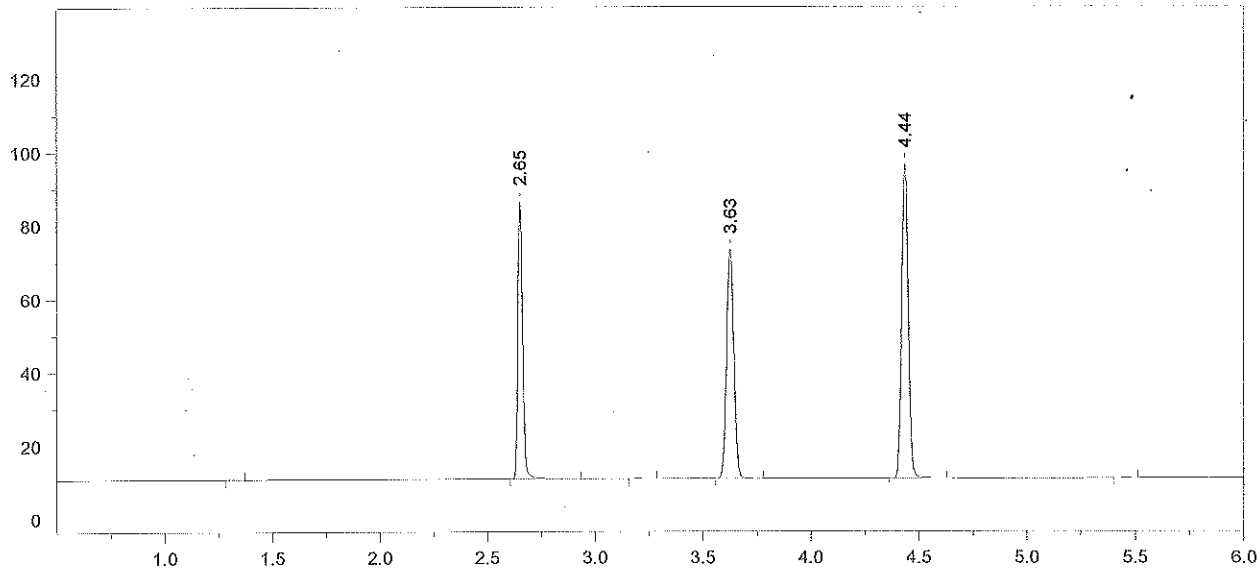


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/27/2015
Today's Time = 11:27:41 PM
Bound File Name = SIM01272015.0053.RAW
Sample Name = 0.10 CAL ALB
Date Taken = 1/27/2015 11:27:32 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	122985	0.1264	0.1032
4	3.63	t-Butanol	142028	0.9794	0.7994
5	4.43	n-Propanol	187027	1.0000	0.8162

15-02-100 67 AB

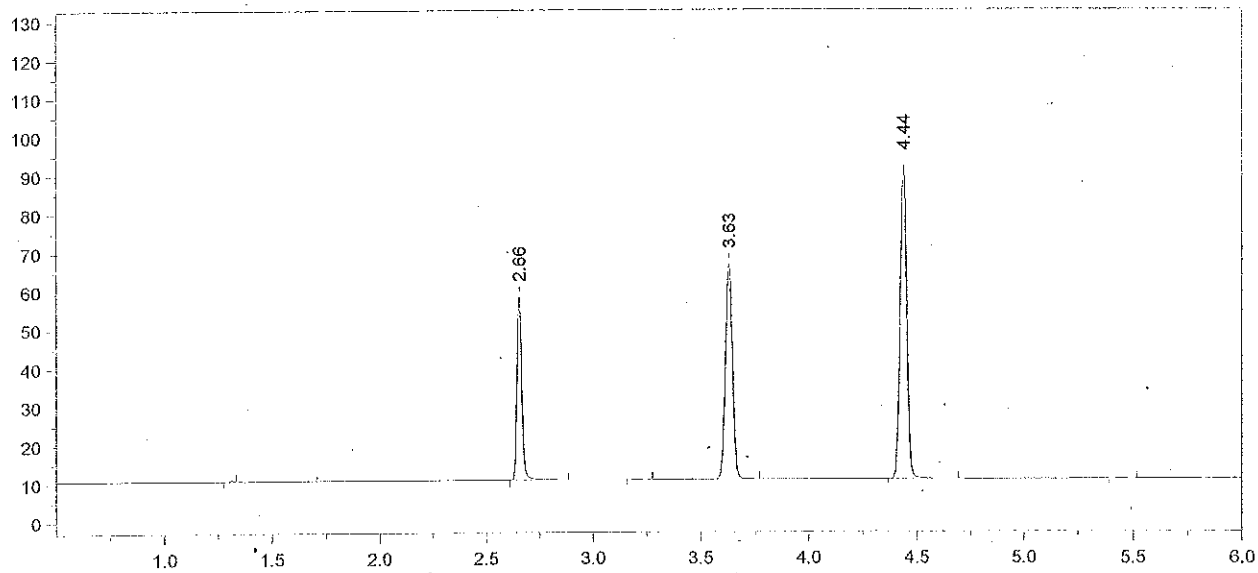


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/27/2015
Today's Time = 11:43:22 PM
Bound File Name = SIM01272015.0054.RAW
Sample Name = 0.10 CAL ALB
Date Taken = 1/27/2015 11:43:17 PM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	117212	0.1238	0.1011
4	3.63	t-Butanol	145654	1.0323	0.8426
5	4.44	n-Propanol	181970	1.0000	0.8162

15-02-100 68 AB



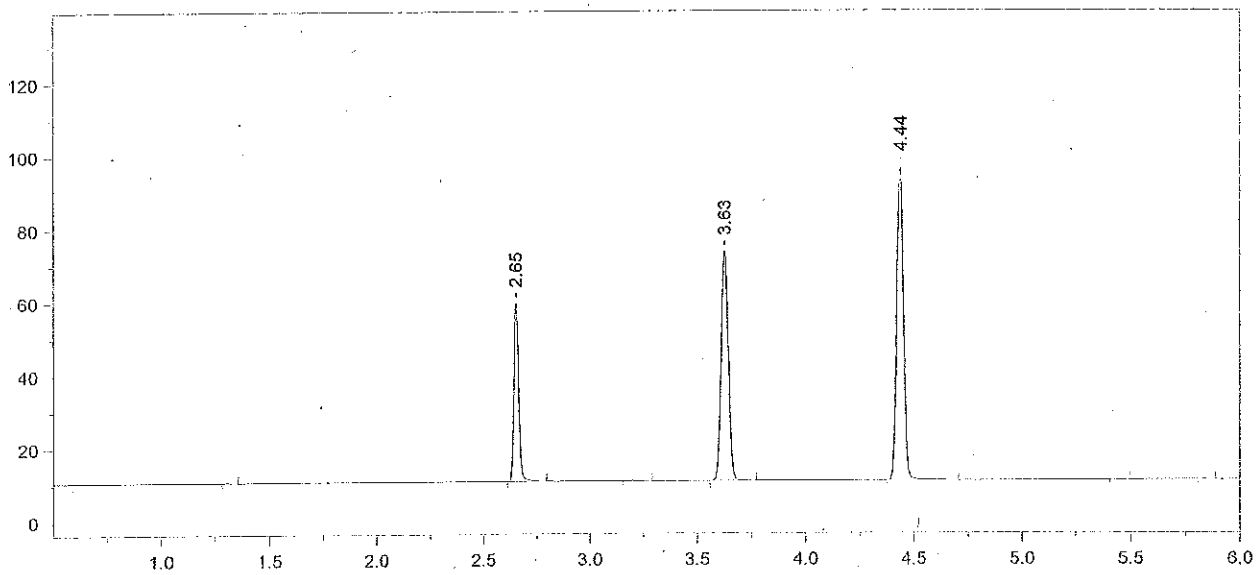
Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 11:58:10 PM
Bound File Name = SIM01272015.0055.RAW
Sample Name = CCS
Date Taken = 1/27/2015 11:58:05 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.66	Ethanol	74591	0.0829
4	3.63	t-Butanol	129317	0.9634
5	4.44	n-Propanol	173105	1.0000

15-02-100 h9 AB

Chrom Perfect Chromatogram Report



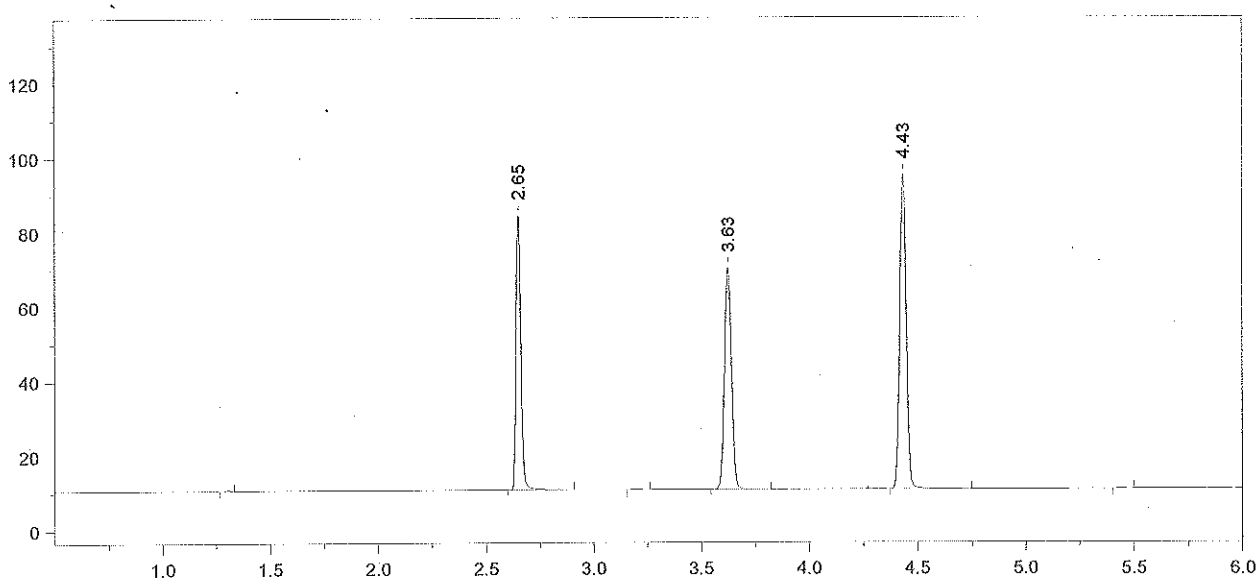
Format File Name = AlcoholVFL.FMT

Today's Date = 1/28/2015
Today's Time = 12:14:51 AM
Bound File Name = SIM01272015.0056.RAW
Sample Name = CCS
Date Taken = 1/28/2015 12:14:42 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	75876	0.0800
4	3.63	t-Butanol	145882	1.0314
5	4.44	n-Propanol	182407	1.0000

Avg vals 55 + 56 = 0.081
1/28/15 AS

15-02-100 70 AB

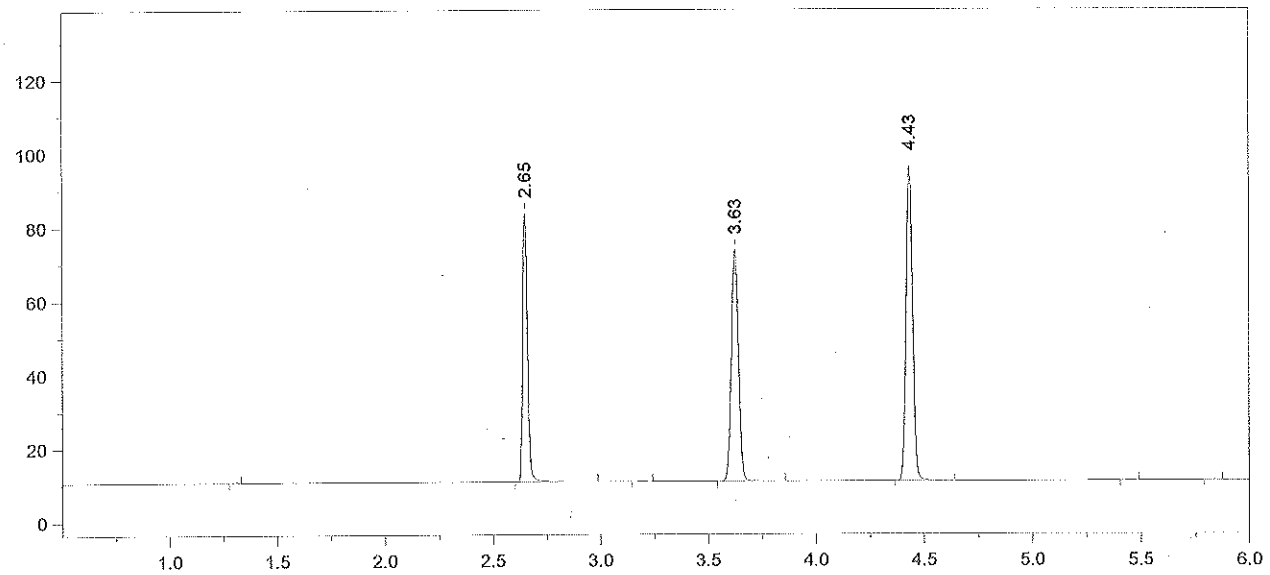


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/28/2015
Today's Time = 12:28:37 AM
Bound File Name = SIM01272015.0057.RAW
Sample Name = 0.10 CAL RLM
Date Taken = 1/28/2015 12:28:30 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	115322	0.1231	0.1005
4	3.63	t-Butanol	137772	0.9867	0.8053
5	4.43	n-Propanol	180079	1.0000	0.8162

15-02-100 71 AB

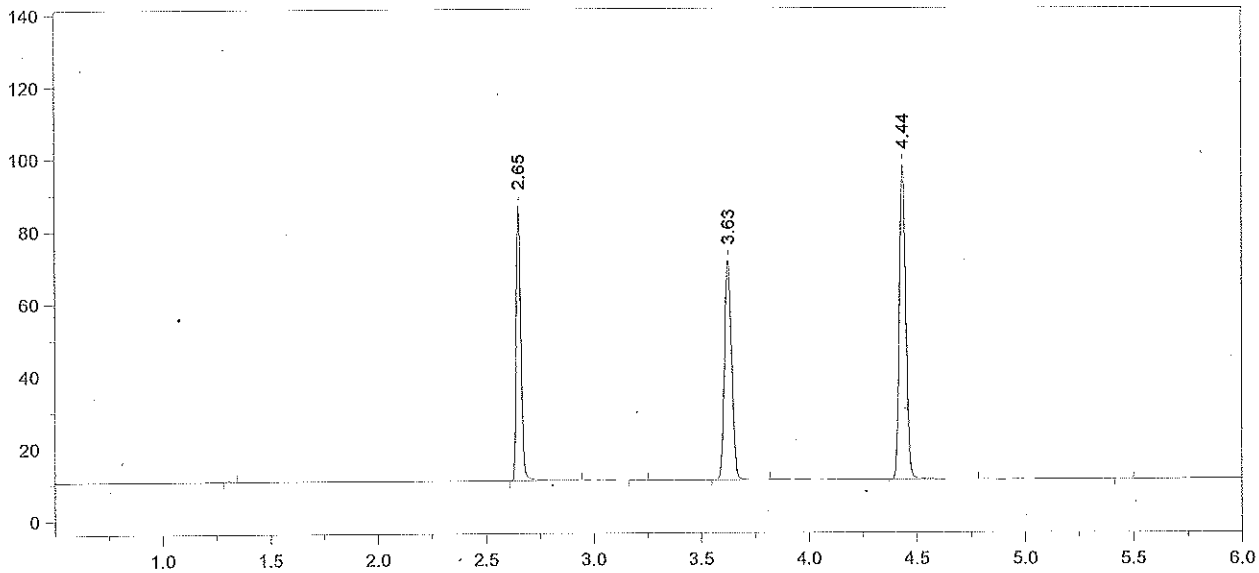


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/28/2015
Today's Time = 12:46:14 AM
Bound File Name = SIM01272015.0058.RAW
Sample Name = 0.10 CAL RLM
Date Taken = 1/28/2015 12:46:09 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	114144	0.1210	0.0988
4	3.63	t-Butanol	145786	1.0369	0.8463
5	4.43	n-Propanol	181332	1.0000	0.8162

15-02-100 72 AB

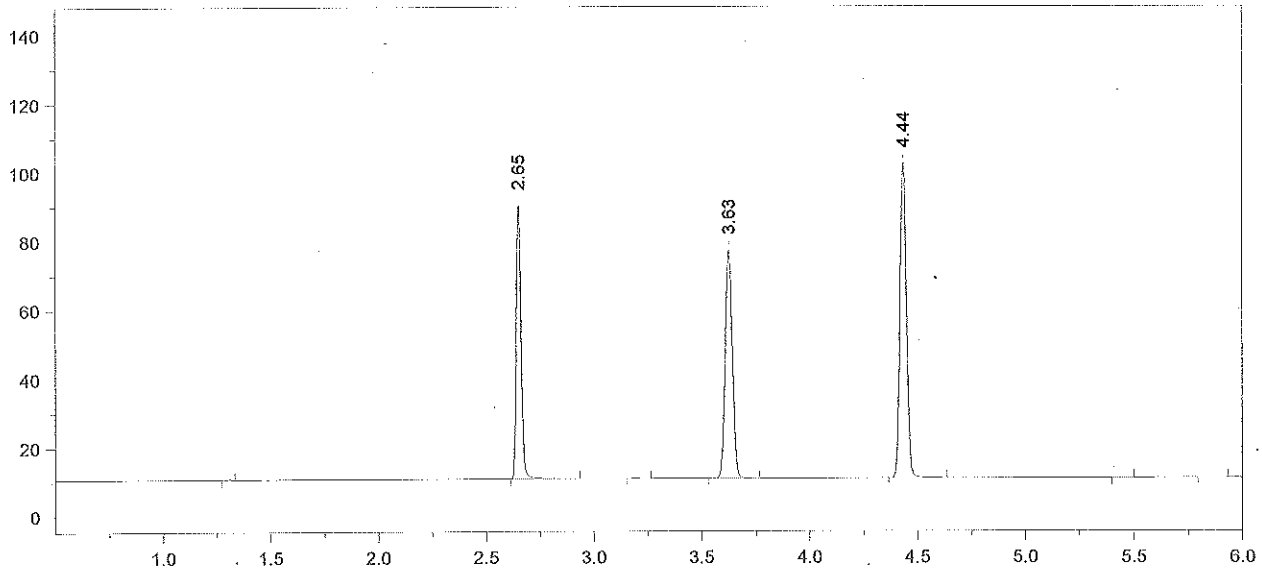


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/28/2015
Today's Time = 12:59:32 AM
Bound File Name = SIM01272015.0059.RAW
Sample Name = 0.10 CAL RLM
Date Taken = 1/28/2015 12:59:27 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	117731	0.1225	0.1000
4	3.63	t-Butanol	141199	0.9852	0.8041
5	4.44	n-Propanol	184838	1.0000	0.8162

15-02-100 73 AB

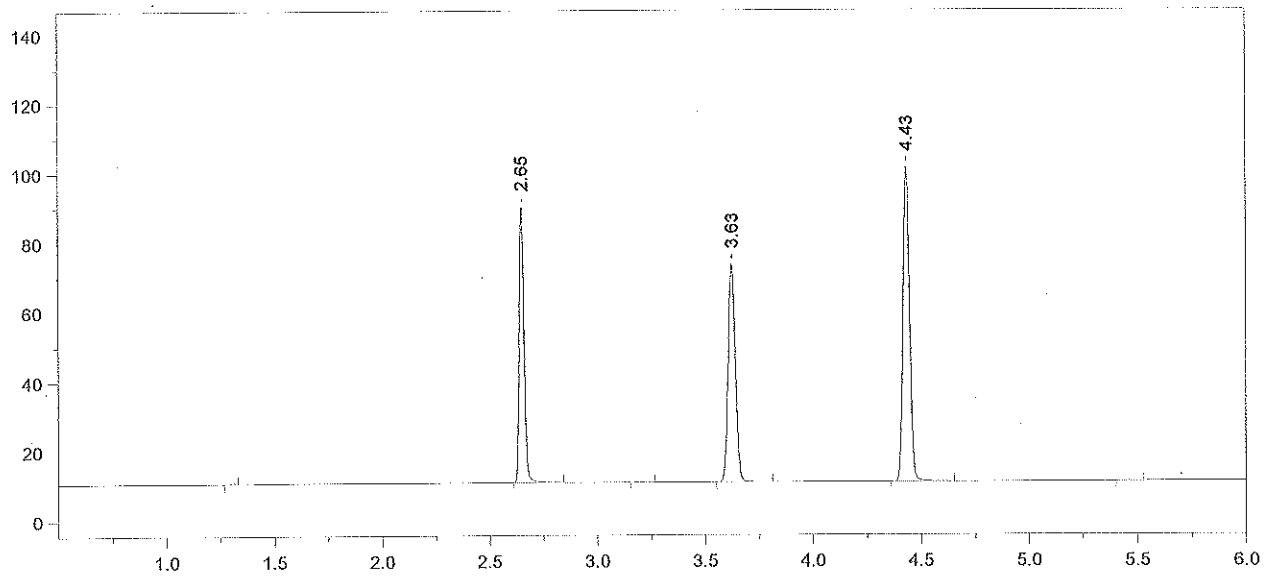


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/28/2015
Today's Time = 1:16:05 AM
Bound File Name = SIM01272015.0060.RAW
Sample Name = 0.10 CAL RLM
Date Taken = 1/28/2015 1:15:57 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	123179	0.1214	0.0991
4	3.63	t-Butanol	153910	1.0172	0.8302
5	4.44	n-Propanol	195137	1.0000	0.8162

15-02-100 74 SB

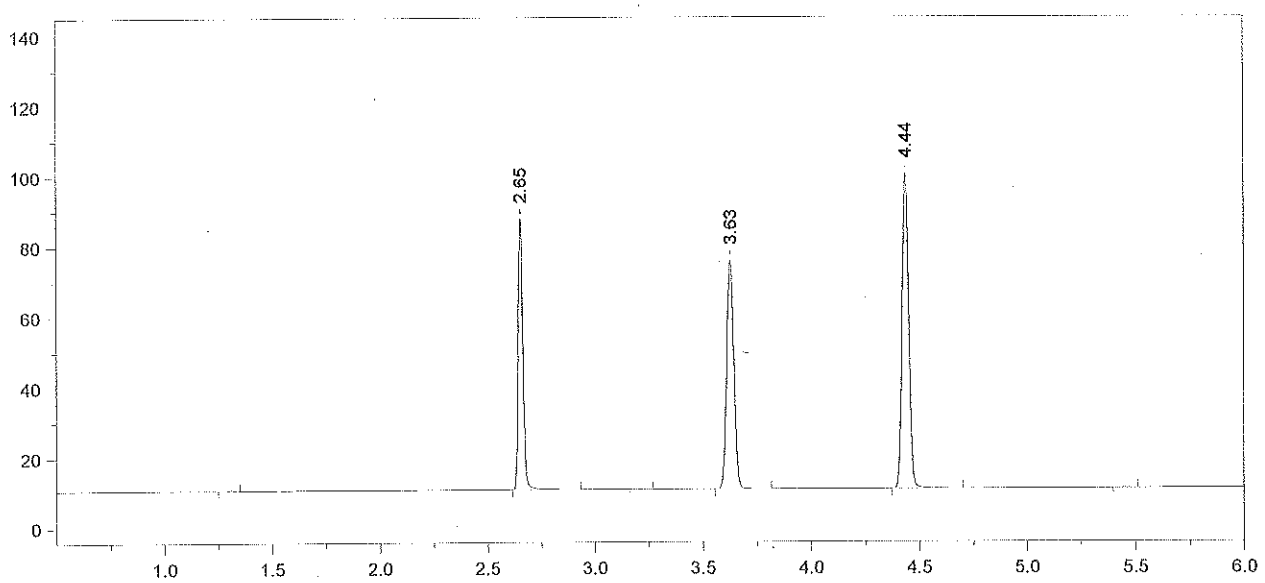


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/28/2015
Today's Time = 1:31:35 AM
Bound File Name = SIM01272015.0061.RAW
Sample Name = 0.10 CAL RLM
Date Taken = 1/28/2015 1:31:26 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	123153	0.1230	0.1004
4	3.63	t-Butanol	145378	0.9738	0.7948
5	4.43	n-Propanol	192531	1.0000	0.8162

15-02-100 75 LR

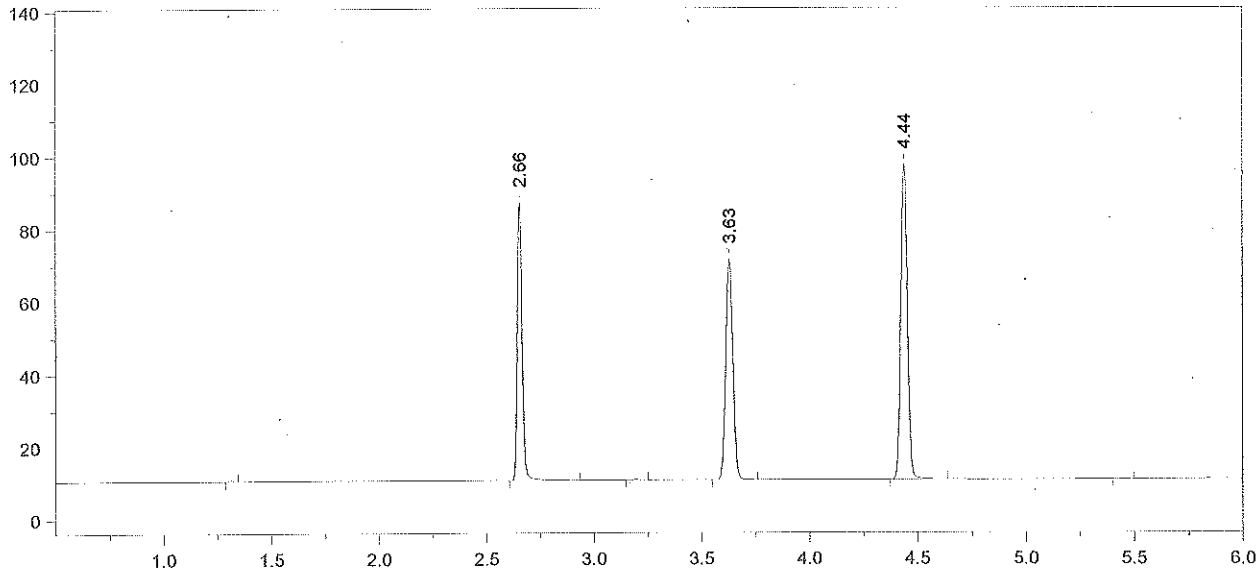


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/28/2015
Today's Time = 1:47:34 AM
Bound File Name = SIM01272015.0062.RAW
Sample Name = 0.10 CAL RLM
Date Taken = 1/28/2015 1:47:27 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.65	Ethanol	120370	0.1214	0.0991
4	3.63	t-Butanol	150609	1.0192	0.8319
5	4.44	n-Propanol	190578	1.0000	0.8162

15-02-100 76 AB

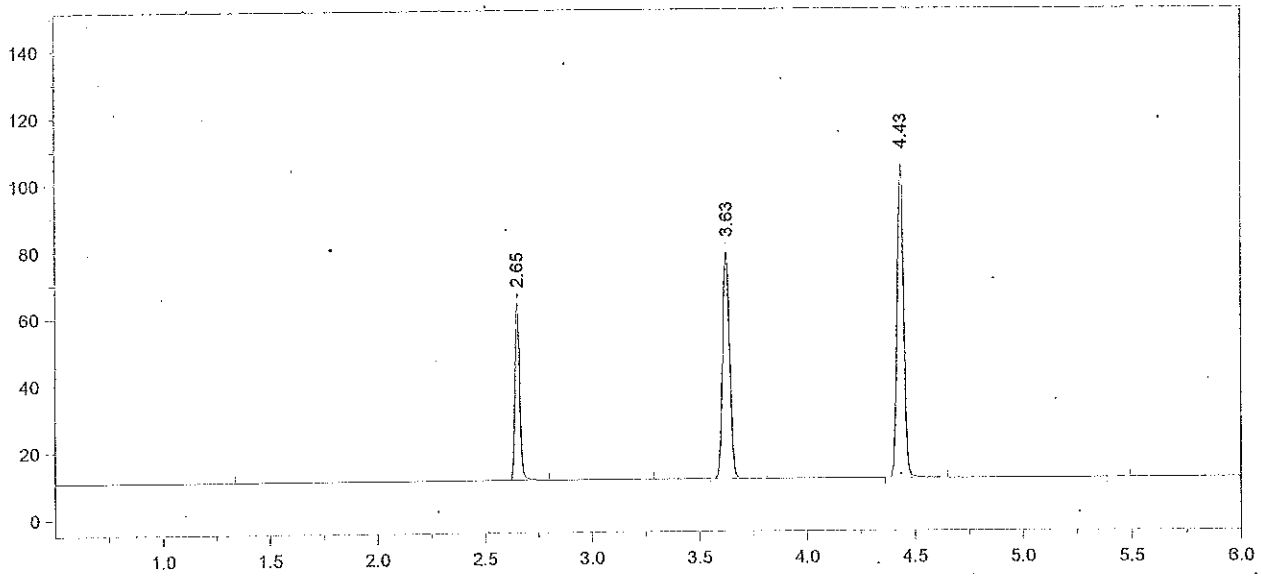


Format File Name = simsolnVFL.met.FMT

Today's Date = 1/28/2015
Today's Time = 2:01:20 AM
Bound File Name = SIM01272015.0063.RAW
Sample Name = 0.10 CAL RLM
Date Taken = 1/28/2015 2:01:12 AM
VDH Headspace Alcohol
Method file = simsoln.met
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL	Headspace Conversion
2	2.66	Ethanol	118476	0.1233	0.1007
4	3.63	t-Butanol	140759	0.9829	0.8022
5	4.44	n-Propanol	184695	1.0000	0.8162

15-02-100 77 AB



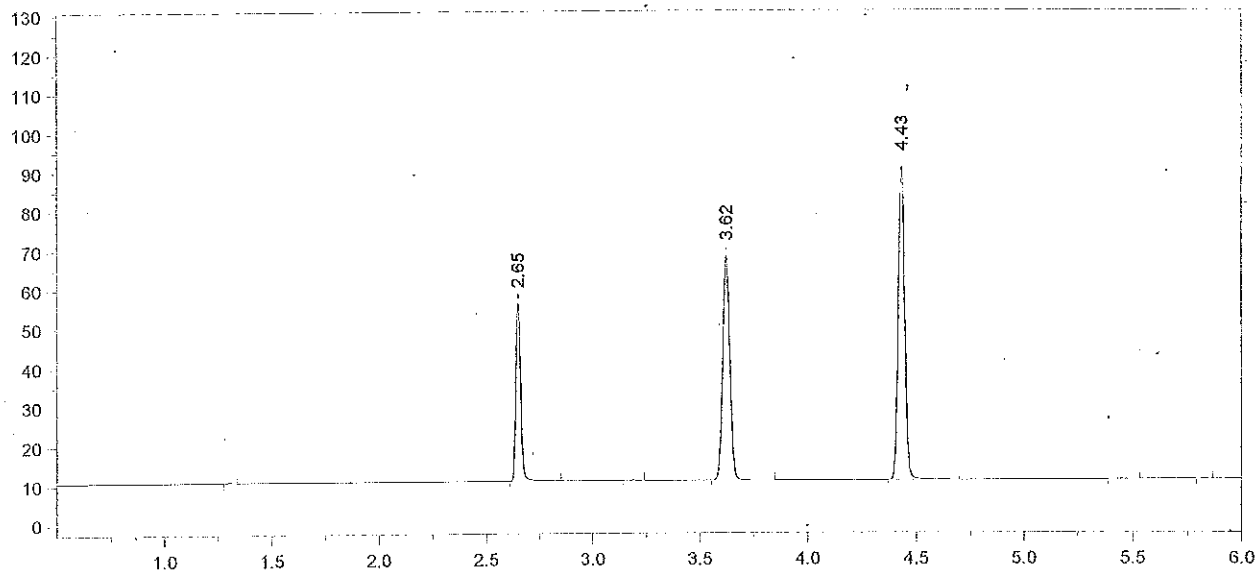
Format File Name = AlcoholVFL.FMT

Today's Date = 1/28/2015
Today's Time = 2:17:19 AM
Bound File Name = SIM01272015.0064.RAW
Sample Name = CCS
Date Taken = 1/28/2015 2:17:11 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	82868	0.0796
4	3.63	t-Butanol	156865	1.0107
5	4.43	n-Propanol	200160	1.0000

15-02-100 78 AB

Chrom Perfect Chromatogram Report



Format File Name = AlcoholVFL.FMT

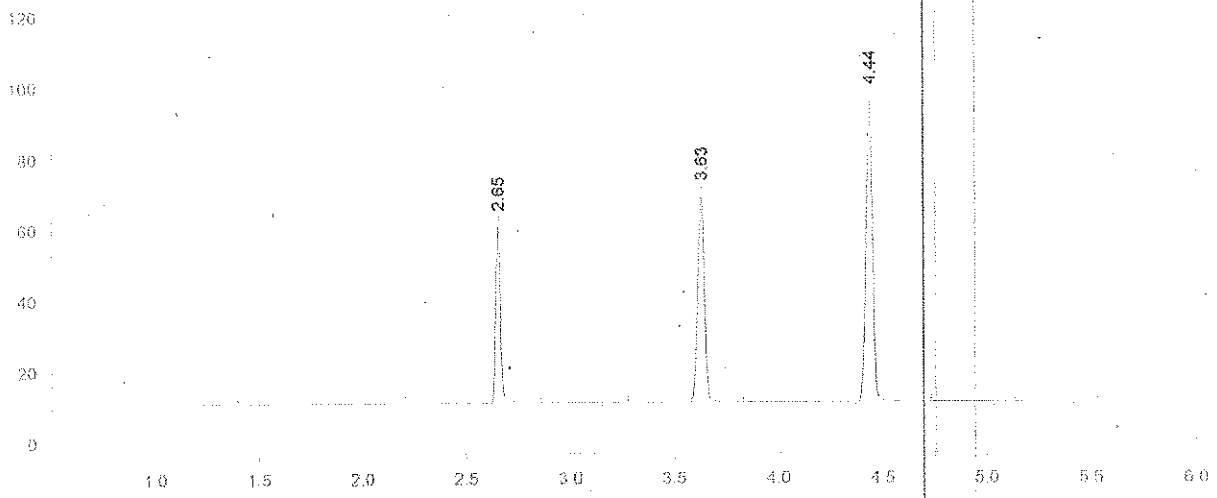
Today's Date = 1/28/2015
Today's Time = 2:32:57 AM
Bound File Name = SIM01272015.0065.RAW
Sample Name = CCS
Date Taken = 1/28/2015 2:32:47 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	70665	0.0796
4	3.62	t-Butanol	132904	1.0039
5	4.43	n-Propanol	170742	1.0000

Avg vals 64 + 65 = 0.079
1/28/15 AB

15-02-100 79 AB

Chrom Perfect Chromatogram Report



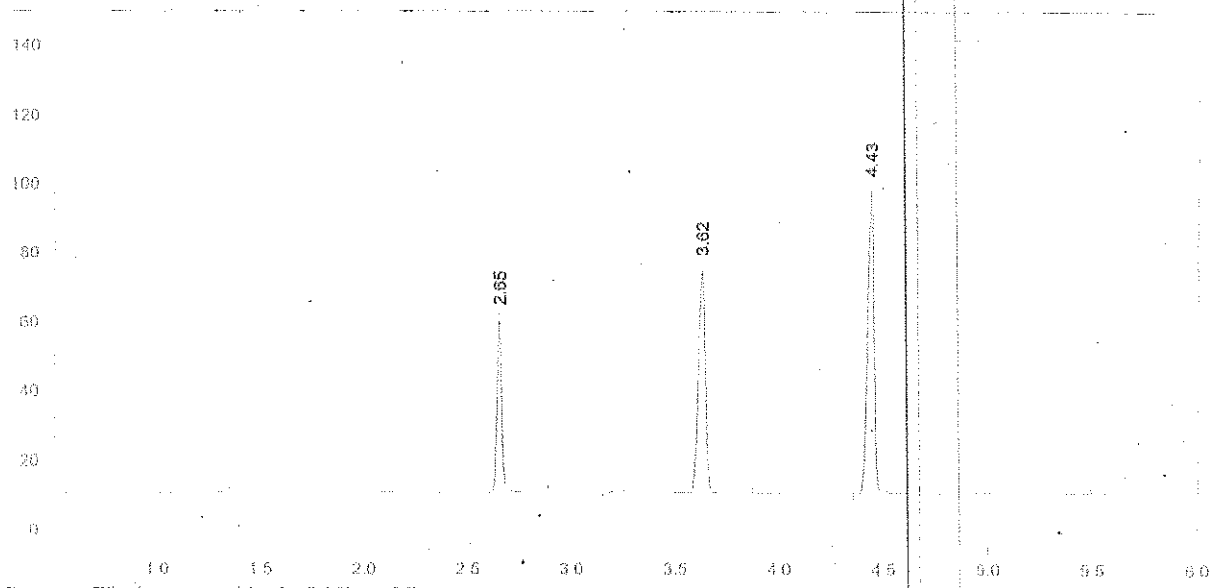
Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 2:33:19 PM
Bound File Name = SIM01272015.0019.RAW
Sample Name = CCS
Date Taken = 1/27/2015 2:33:12 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	77412	0.0823
4	3.63	t-Butanol	135351	0.9652
5	4.44	n-Propanol	180860	1.0000

15-02-100 80 AB

Chrom Perfect Chromatogram Report



Format File Name = AlcoholVFL.FMT

Today's Date = 1/27/2015
Today's Time = 2:50:36 PM
Bound File Name = SIM01272015.0020.RAW
Sample Name = CCS
Date Taken = 1/27/2015 2:50:31 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = SIM01272015.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	77923	0.0801
4	3.62	t-Butanol	149095	1.0284
5	4.43	n-Propanol	186966	1.0000

Avg vals 19+20 = 0.081
1/28/15 AB

15-02-100 81 AB