VERMONT FORENSIC LABORATORY

VERIFICATION
~~BLOOD ALCOHOL~~ DATA REVIEW CHECKLIST
RLM 12/11/14

LOT#:
~~AGENCY CASE#~~: Cliniqa 1212090 Rec'd 9/5/14 RLM 12/11/14 ANALYST: RLM
LAB #: N/A

TECHNICAL REVIEWER: AB DATE: 12/11/14

- [x] QC complete?
- [x] Pertinent standard lot numbers listed?
- [x] Data package is complete?
- [x] Transcribed data and calculations verified?
- [x] Calibration and control results all within ± 10% (± 20% for STD A) of the known values?
- [x] Calibration line correlation factor at least 0.99xx?
- [x] Average error for components of the calibration line less than 10%?
- [x] Timing mix chromatogram demonstrates appropriate identification of components and separation from ethanol?
- [x] Surrogate compound concentrations all within 0.900 to 1.100 range?
- [x] Statistical means of the continuing calibration check sample duplicate analysis all within ± 10% of the known value?
- [N/A] Individual replicates within ± 5% of the statistical mean?
- [N/A] Reported results are means of two or more analyses?
  1. In the event of QNS for 2 (two) analysis a notation must be made on the worksheet.
  2. In the event that more than 2 (two) results are used to determine the reported result a notation is made on the worksheet.

Comments:

ADMINISTRATIVE REVIEWER: [signature] DATE: 12/11/2014

- [N/A] Agency Case # and Lab # match submission form?
- [N/A] Submitting agency, investigator, suspect, CC match submission form?
- [N/A] Chain of Custody is complete and dated appropriately?
- [X] Are all pages numbered and initialed on the Examination Documents?
- [X] Case number written on all pages of the case file (Either agency or lab #)?
- [N/A] Is the exam end date documented in the paper case file consistent with the exam end date in LIMS?

Comments:

DIRECTOR REVIEWER: [signature] DATE: 12/11/2014

- [X] Does the report and associated paperwork meet administrative expectations?
- [X] Have the appropriate technical and administrative reviews been completed?

Check Mark or X = pass, NA= Not Applicable

Verification of Cliniqa 1212090 Rec'd 9/5/14

	0.0805
	0.0793
	0.0808
	0.0790
	0.0809
	0.0797
	0.0811
	0.0800
	0.0811
	0.0798
Average	0.0802
Std Dev	0.0008
Acceptance Range	
Low	0.072
High	0.088

File Name: C:\Methods\VFL12092014.CAL
Version: 7

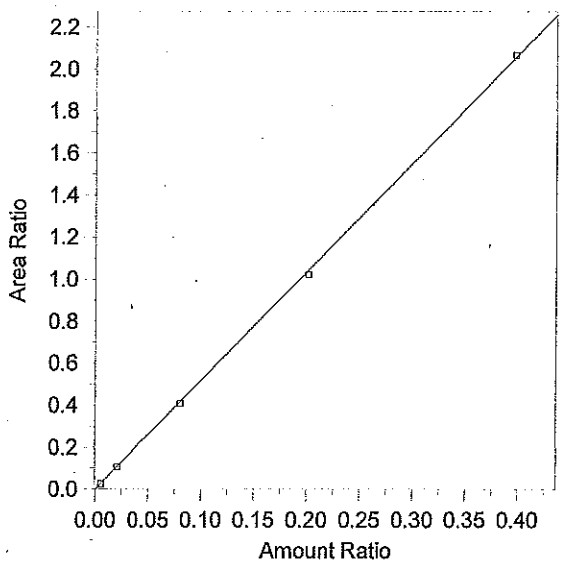
Creator:
Description:
Reason for change:

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

$Y = 5.176595\ X + 0$

Linear fit with equal weighting, forced to origin

Coefficient of determination:	0.9998035
Average error:	1.358%
Average CF:	5.117767
RSD:	0.987%

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	0.0052	5488.461	1055473	-1.498	0.0052	2.651505E-02	C:\Alcohol Data\VFL12092014\VFL12092014.0003.BND	12/9/2014 5:26:21 PM
3	0.021	21283.27	1013489	-1.212	0.021	0.1073914	C:\Alcohol Data\VFL12092014\VFL12092014.0004.BND	12/9/2014 5:44:32 PM
4	0.0803	82439.19	1026640	-1.648	0.0803	0.40883	C:\Alcohol Data\VFL12092014\VFL12092014.0005.BND	12/9/2014 5:59:00 PM
5	0.2014	209039.6	1037932	-1.878	0.2014	1.022983	C:\Alcohol Data\VFL12092014\VFL12092014.0006.BND	12/9/2014 6:15:55 PM
6	0.3972	434005.6	1092663	0.554	0.3972	2.067533	C:\Alcohol Data\VFL12092014\VFL12092014.0007.BND	12/9/2014 6:29:54 PM

1212090 2 RZM

File Name = C:\Alcohol Data\VFL12092014\VFL12092014.SEQ
Version = 1
File Date = 12/9/2014 4:19:45 PM

Entry #	Raw File Name	Method File Name	Sample Name	Sample Wt.	Int. Std. Amount
1	VFL12092014.0001.raw	Blood Alc temp VFL.MET	Blank	1.00	1.00
2	VFL12092014.0002.raw	Blood Alc temp VFL.MET	TMX	1.00	1.00
3	VFL12092014.0003.raw	Blood Alc temp VFL.MET	STD A	1.00	1.00
4	VFL12092014.0004.raw	Blood Alc temp VFL.MET	STD B	1.00	1.00
5	VFL12092014.0005.raw	Blood Alc temp VFL.MET	STD C	1.00	1.00
6	VFL12092014.0006.raw	Blood Alc temp VFL.MET	STD D	1.00	1.00
7	VFL12092014.0007.raw	Blood Alc temp VFL.MET	STD E	1.00	1.00
8	VFL12092014.0008.raw	Blood Alc temp VFL.MET	WB	1.00	1.00
9	VFL12092014.0009.raw	Blood Alc temp VFL.MET	WB	1.00	1.00
10	VFL12092014.0010.raw	Blood Alc temp VFL.MET	AQ QC	1.00	1.00
11	VFL12092014.0011.raw	Blood Alc temp VFL.MET	AQ QC	1.00	1.00
12	VFL12092014.0012.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
13	VFL12092014.0013.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
14	VFL12092014.0014.raw	Blood Alc temp VFL.MET	ES-12092014 A	1.00	1.00
15	VFL12092014.0015.raw	Blood Alc temp VFL.MET	ES-12092014 B	1.00	1.00
16	VFL12092014.0016.raw	Blood Alc temp VFL.MET	ES-12092014 C	1.00	1.00
17	VFL12092014.0017.raw	Blood Alc temp VFL.MET	ES-12092014 D	1.00	1.00
18	VFL12092014.0018.raw	Blood Alc temp VFL.MET	ES-12092014 E	1.00	1.00
19	VFL12092014.0019.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
20	VFL12092014.0020.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
21	VFL12092014.0021.raw	Blood Alc temp VFL.MET	1212090 Rec'd 9/5/14	1.00	1.00
22	VFL12092014.0022.raw	Blood Alc temp VFL.MET	1212090 Rec'd 9/5/14	1.00	1.00
23	VFL12092014.0023.raw	Blood Alc temp VFL.MET	1212090 Rec'd 9/5/14	1.00	1.00
24	VFL12092014.0024.raw	Blood Alc temp VFL.MET	1212090 Rec'd 9/5/14	1.00	1.00
25	VFL12092014.0025.raw	Blood Alc temp VFL.MET	1212090 Rec'd 9/5/14	1.00	1.00
26	VFL12092014.0026.raw	Blood Alc temp VFL.MET	1212090 Rec'd 9/5/14	1.00	1.00
27	VFL12092014.0027.raw	Blood Alc temp VFL.MET	1212090 Rec'd 9/5/14	1.00	1.00
28	VFL12092014.0028.raw	Blood Alc temp VFL.MET	1212090 Rec'd 9/5/14	1.00	1.00
29	VFL12092014.0029.raw	Blood Alc temp VFL.MET	1212090 Rec'd 9/5/14	1.00	1.00
30	VFL12092014.0030.raw	Blood Alc temp VFL.MET	1212090 Rec'd 9/5/14	1.00	1.00
31	VFL12092014.0031.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00
32	VFL12092014.0032.raw	Blood Alc temp VFL.MET	CCS	1.00	1.00

Curve verification not included. Ken 12/10/14

Lot #s:

Internal Standard: IS-10172014

Aqueous Blank: BL-11032014

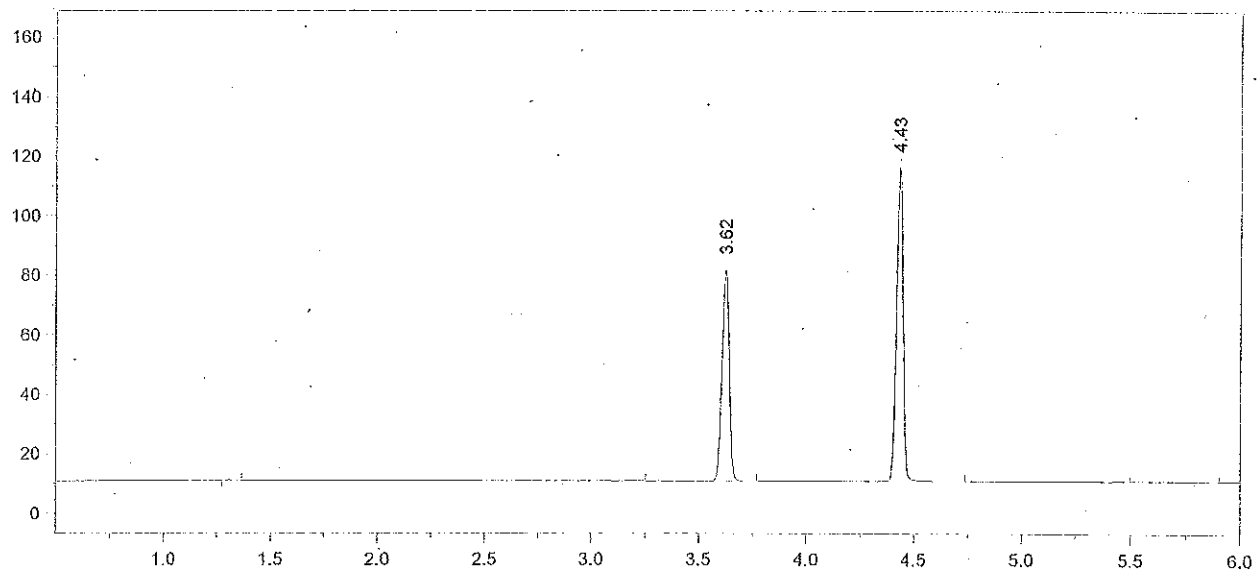
Timing Mix: TMX-08112014

Ethanol Standards: ES-09122014

Whole Blood Control: Cliniqa 1212090

Aqueous Control: Cerilliant FN021111-03

Ken 12/10/14

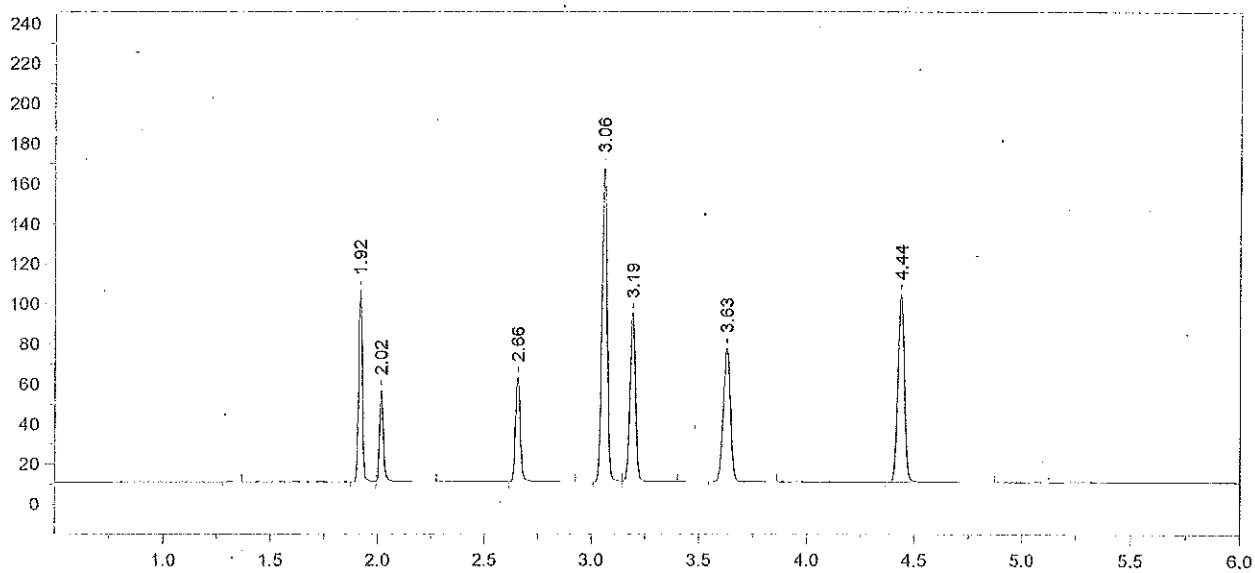


Format File Name = AlcoholVFL.FMT

Today's Date = 12/10/2014
Today's Time = 9:03:05 AM
Bound File Name = VFL12092014.0001.RAW
Sample Name = Blank
Date Taken = 12/9/2014 4:54:57 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	3.62	t-Butanol	163962	0.9699
4	4.43	n-Propanol	224761	1.0000

1212090 4 Zem

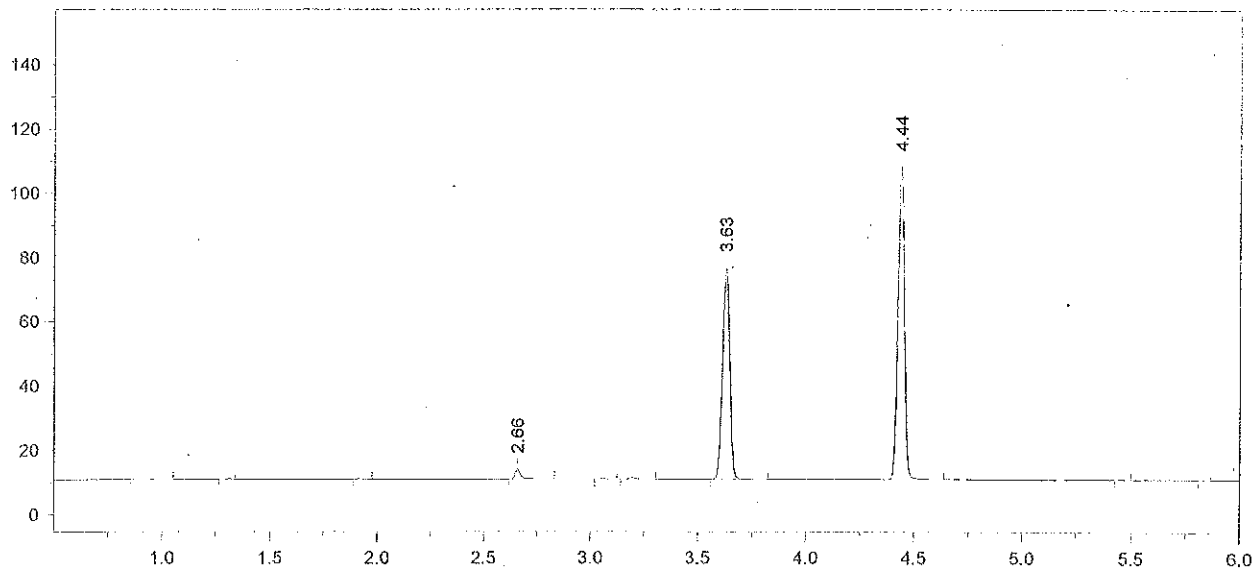


Format File Name = AlcoholVFL.FMT

Today's Date = 12/10/2014
Today's Time = 9:03:11 AM
Bound File Name = VFL12092014.0002.RAW
Sample Name = TMX
Date Taken = 12/9/2014 5:12:58 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	1.92	Acetaldehyde	112113	0.0695
3	2.02	Methanol	57565	0.1232
4	2.66	Ethanol	81426	0.0787
5	3.06	Acetone	267781	0.0657
6	3.19	Isopropanol	158961	0.0848
7	3.63	t-Butanol	153586	1.0215
8	4.44	n-Propanol	199902	1.0000

1212090 5 Zm

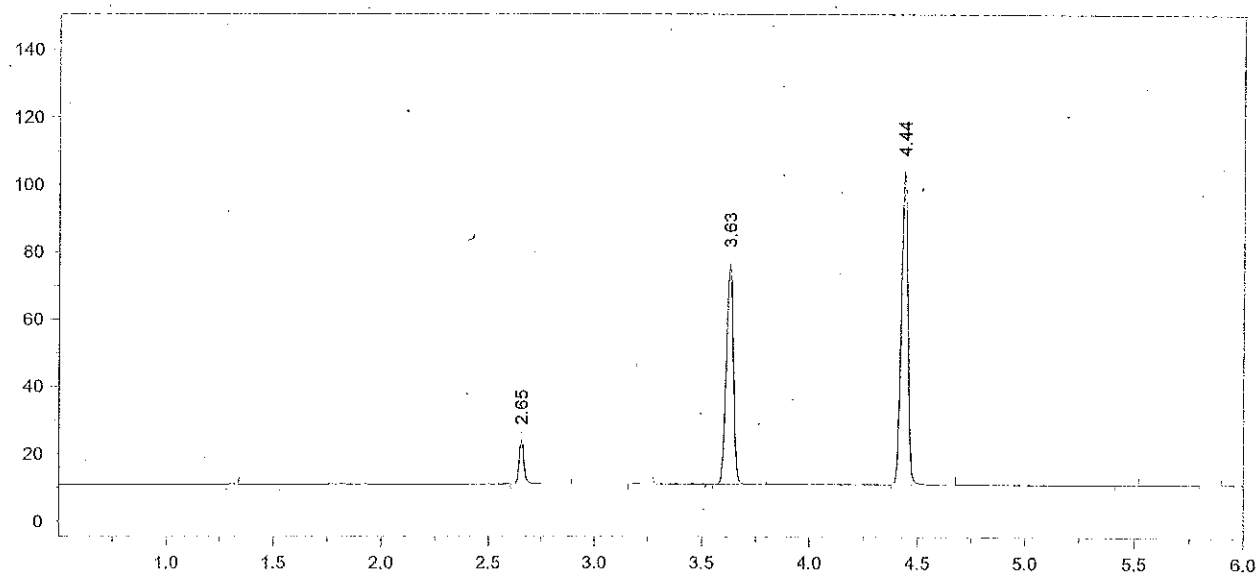


Format File Name = AlcoholVFL.FMT

Today's Date = 12/10/2014
Today's Time = 9:03:17 AM
Bound File Name = VFL12092014.0003.RAW
Sample Name = STD A
Date Taken = 12/9/2014 5:26:11 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
4	2.66	Ethanol	05488	0.0051
7	3.63	t-Butanol	152705	0.9808
8	4.44	n-Propanol	206994	1.0000

1212090 6



Format File Name = AlcoholVFL.FMT

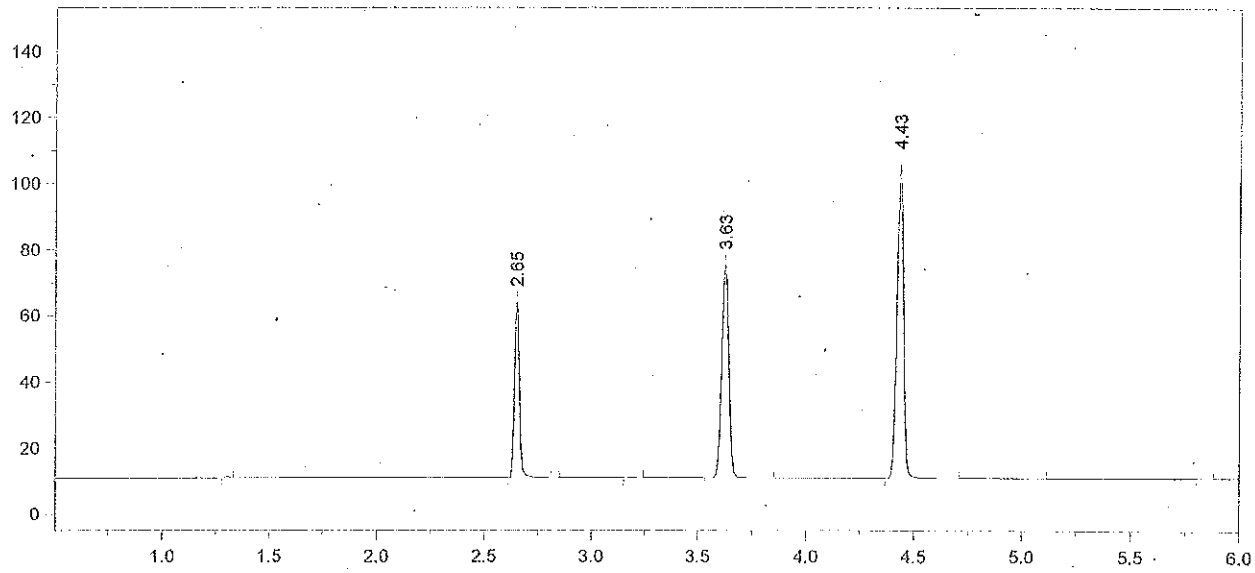
Today's Date = 12/10/2014
Today's Time = 9:03:23 AM
Bound File Name = VFL12092014.0004.RAW
Sample Name = STD B
Date Taken = 12/9/2014 5:44:22 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	21283	0.0207 *
4	3.63	t-Butanol	152294	1.0216
5	4.44	n-Propanol	198184	1.0000

1212090

7

KEM

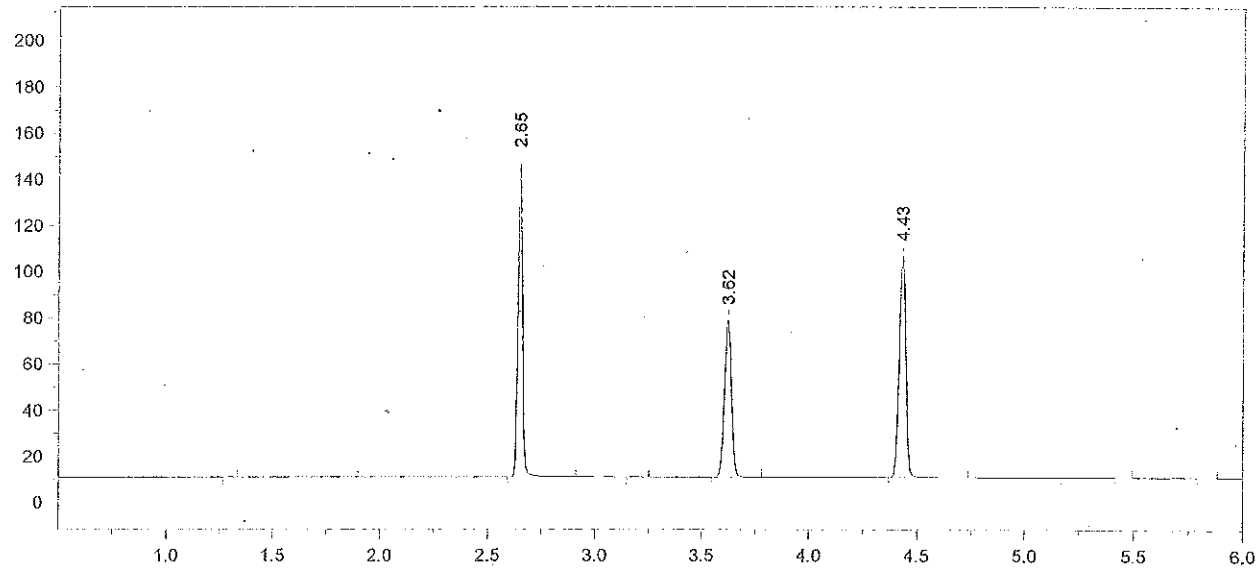


Format File Name = AlcoholVFL.FMT

Today's Date = 12/10/2014
Today's Time = 9:03:29 AM
Bound File Name = VFL12092014.0005.RAW
Sample Name = STD C
Date Taken = 12/9/2014 5:58:51 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	82439	0.0790 *
4	3.63	t-Butanol	149368	0.9848
5	4.43	n-Propanol	201647	1.0000

1212090 8 TZM

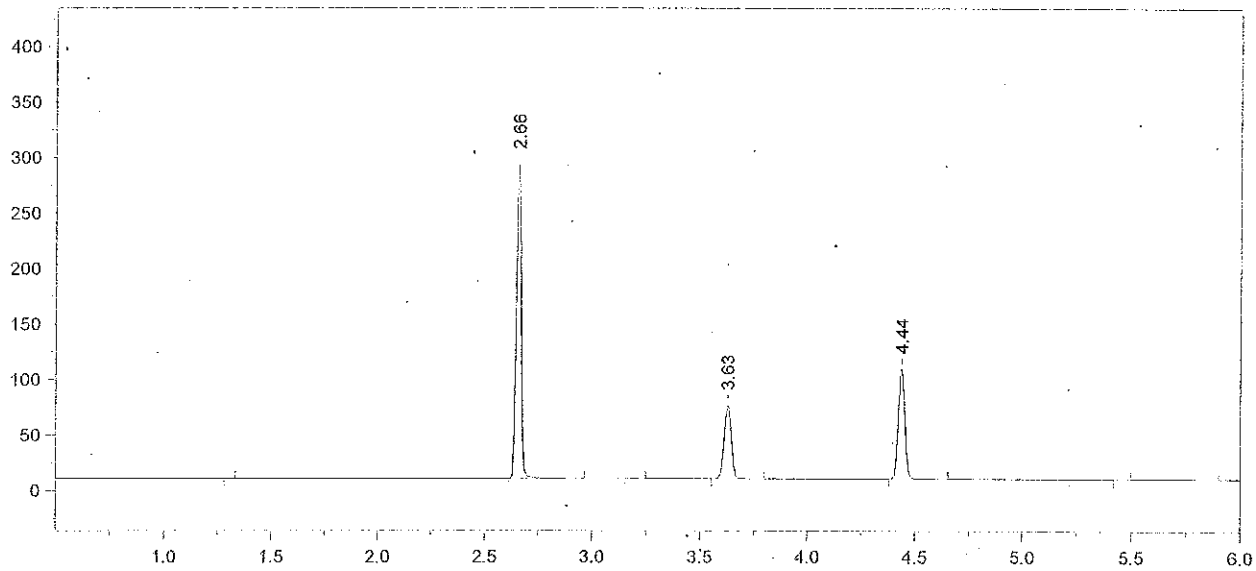


Format File Name = AlcoholVFL.FMT

Today's Date = 12/10/2014
Today's Time = 9:03:34 AM
Bound File Name = VFL12092014.0006.RAW
Sample Name = STD D
Date Taken = 12/9/2014 6:15:47 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	209040	0.1976 *
4	3.62	t-Butanol	157155	1.0225
5	4.43	n-Propanol	204343	1.0000

1212090 9

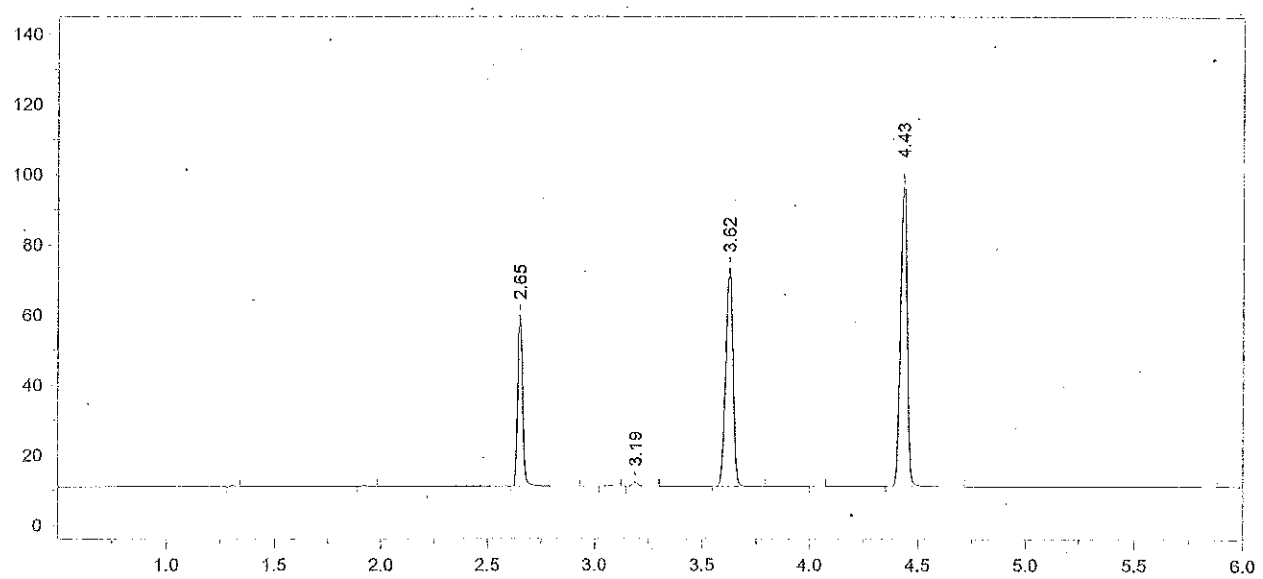


Format File Name = AlcoholVFL.FMT

Today's Date = 12/10/2014
Today's Time = 9:03:42 AM
Bound File Name = VFL12092014.0007.RAW
Sample Name = STD E
Date Taken = 12/9/2014 6:29:45 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.66	Ethanol	434006	0.3994 *
4	3.63	t-Butanol	152964	0.9688
5	4.44	n-Propanol	209915	1.0000

1212090 10 RM

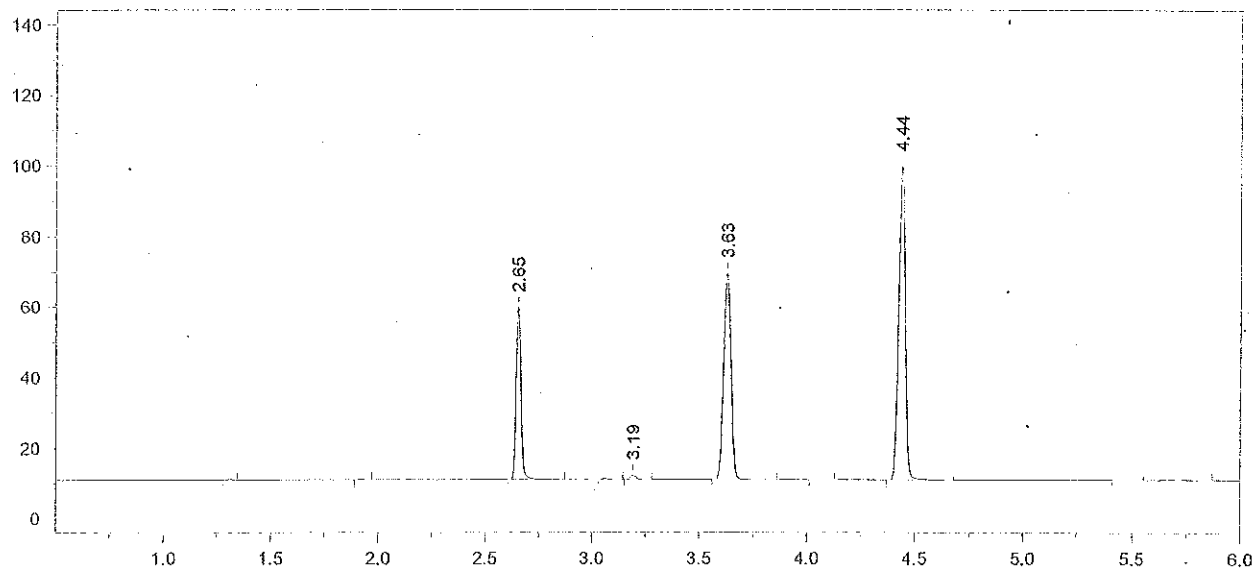


Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 6:47:15 PM
Bound File Name = VFL12092014.0008.RAW
Sample Name = WB
Date Taken = 12/9/2014 6:47:11 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.65	Ethanol	76155	0.0775
5	3.19	Isopropanol	02371	<0.004
6	3.62	t-Butanol	144617	1.0124
8	4.43	n-Propanol	189912	1.0000

1212090 11



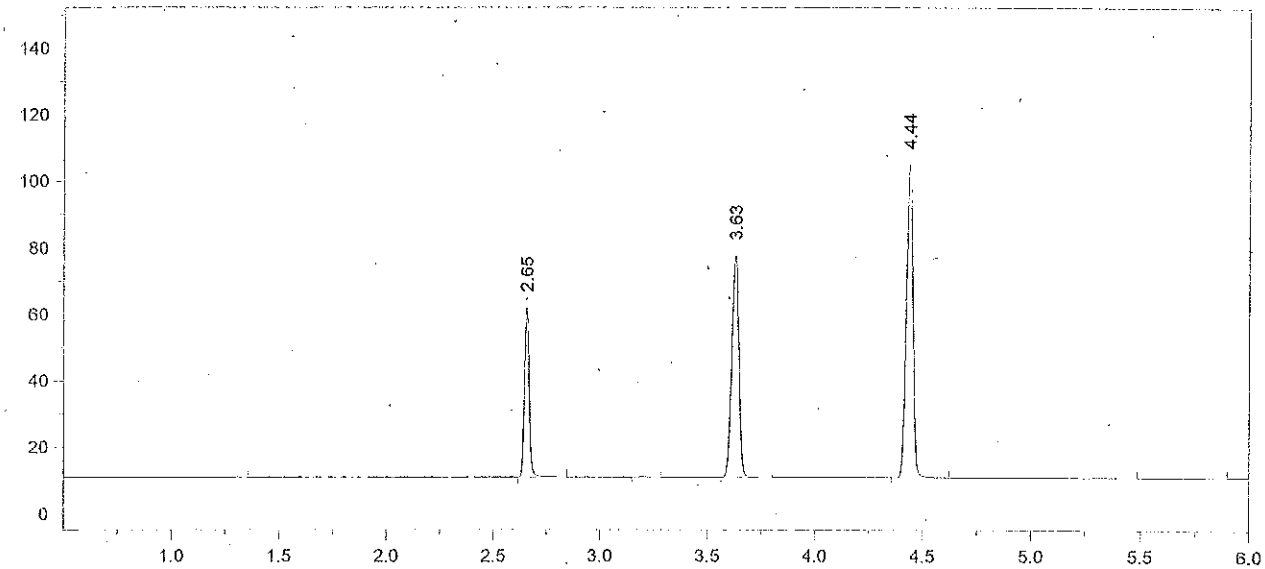
Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 7:02:15 PM
Bound File Name = VFL12092014.0009.RAW
Sample Name = WB
Date Taken = 12/9/2014 7:02:07 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.65	Ethanol	76632	0.0783*
5	3.19	Isopropanol	02253	<0.004
6	3.63	t-Butanol	135786	0.9552
8	4.44	n-Propanol	188987	1.0000

Avg # 8 + #9 = 0.078
Target value: 0.080
% recovery = 97%
RLM 12/10/14

1212090 12 RLM

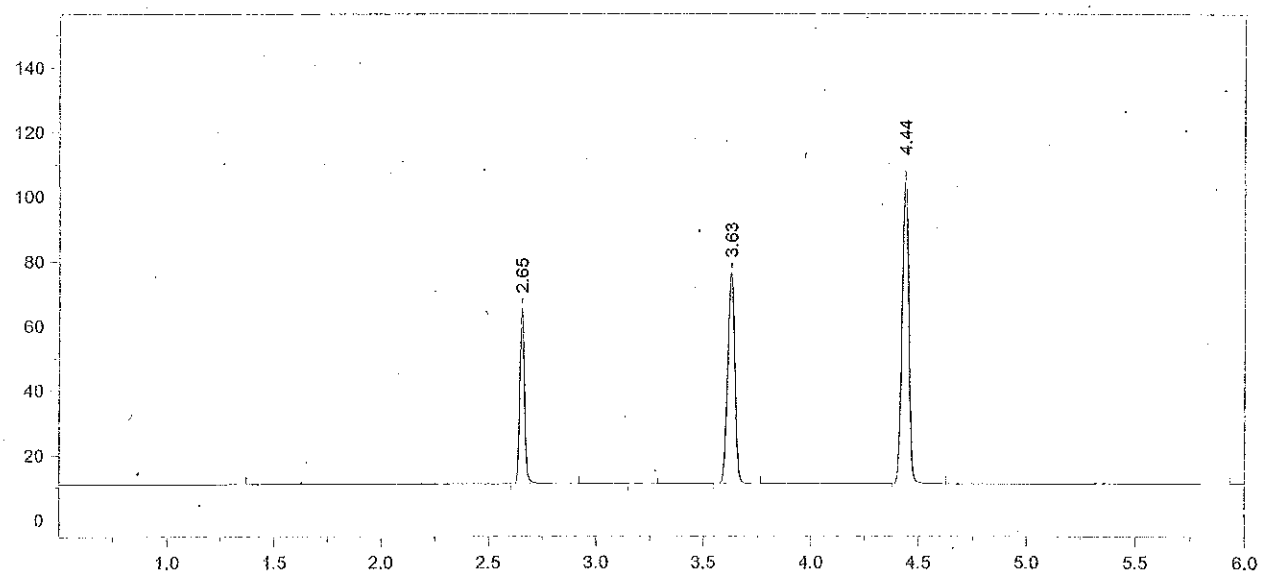


Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 7:18:38 PM
Bound File Name = VFL12092014.0010.RAW
Sample Name = AQ QC
Date Taken = 12/9/2014 7:18:33 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	79833	0.0772 *
4	3.63	t-Butanol	154775	1.0306
5	4.44	n-Propanol	199671	1.0000

1212090 13 RZM



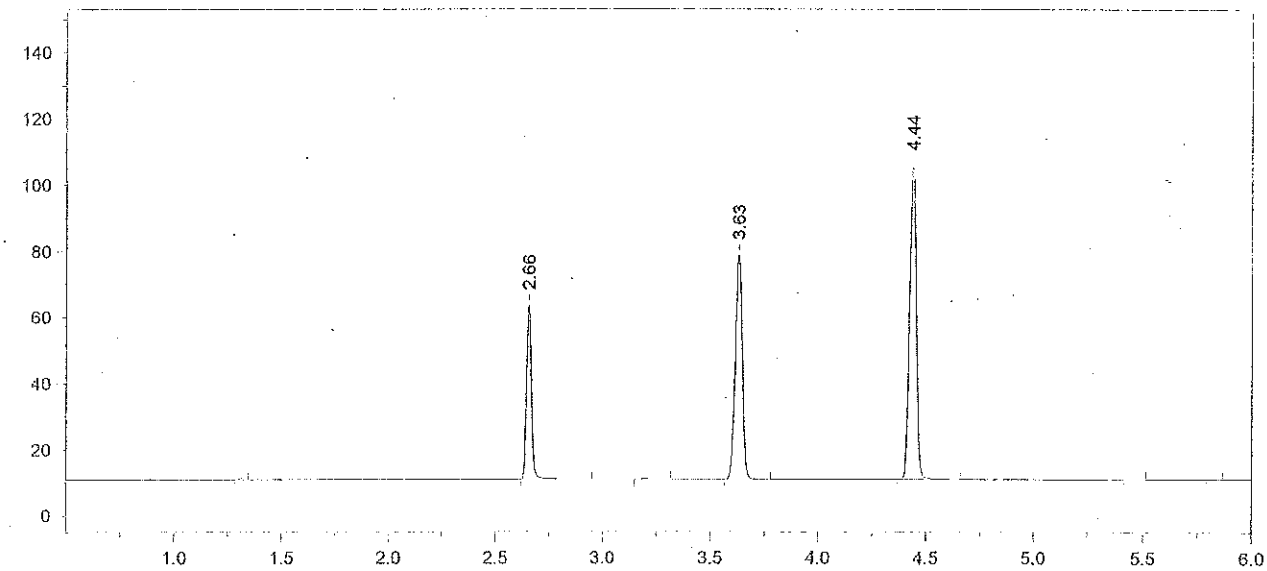
Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 7:32:55 PM
Bound File Name = VFL12092014.0011.RAW
Sample Name = AQ QC
Date Taken = 12/9/2014 7:32:49 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	84799	0.0794 *
4	3.63	t-Butanol	151106	0.9738
5	4.44	n-Propanol	206304	1.0000

Avg #10 + #11 = 0.078
Target value: 0.080
% recovery = 97 %
RZM 12/10/14

1212090 14 RZM

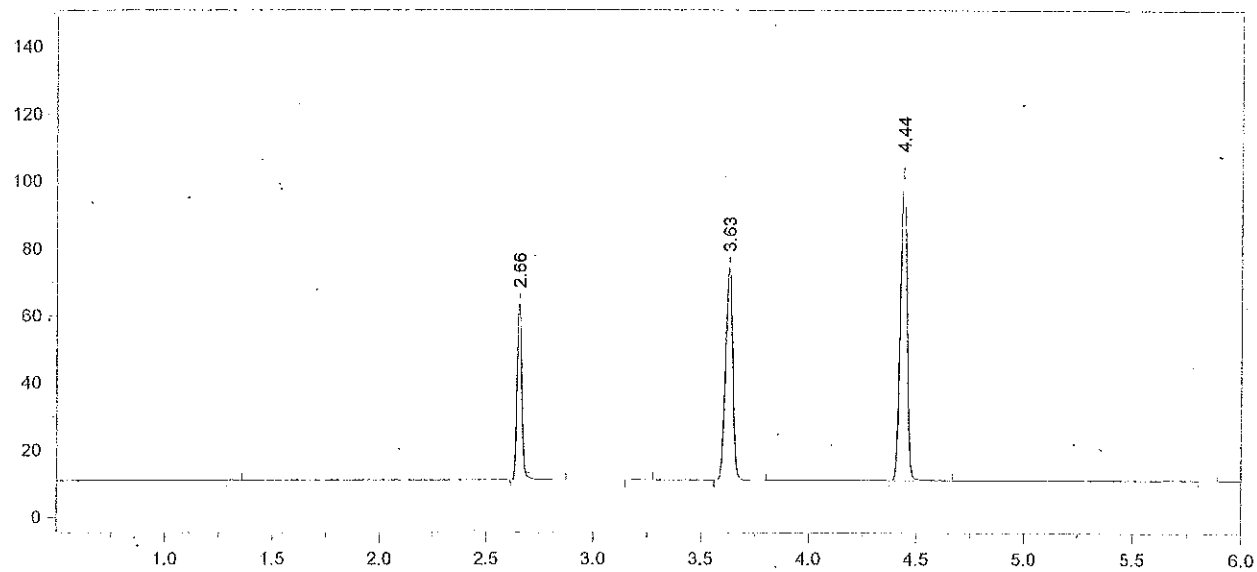


Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 7:50:07 PM
Bound File Name = VFL12092014.0012.RAW
Sample Name = CCS
Date Taken = 12/9/2014 7:49:57 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.66	Ethanol	81896	0.0780 *
4	3.63	t-Butanol	156397	1.0257
5	4.44	n-Propanol	202726	1.0000

1212090 15



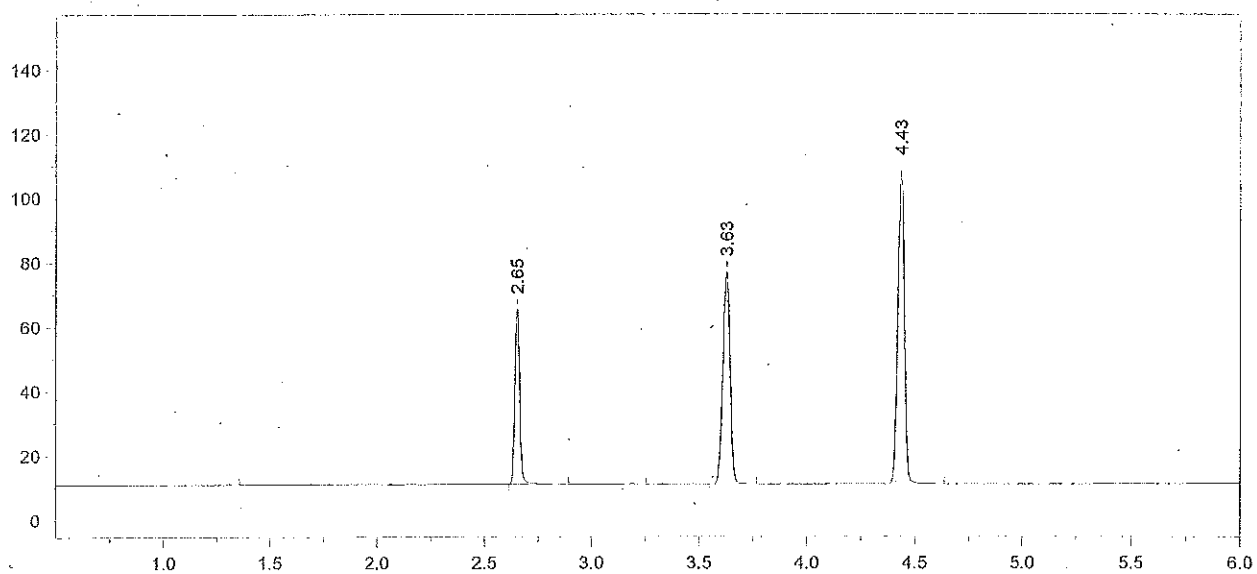
Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 8:04:46 PM
Bound File Name = VFL12092014.0013.RAW
Sample Name = CCS
Date Taken = 12/9/2014 8:04:40 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.66	Ethanol	82067	0.0799 *
4	3.63	t-Butanol	146515	0.9815
5	4.44	n-Propanol	198457	1.0000

Avg #12 + #13 = 0.079
RZM 12/10/14

1212090 16 RZM

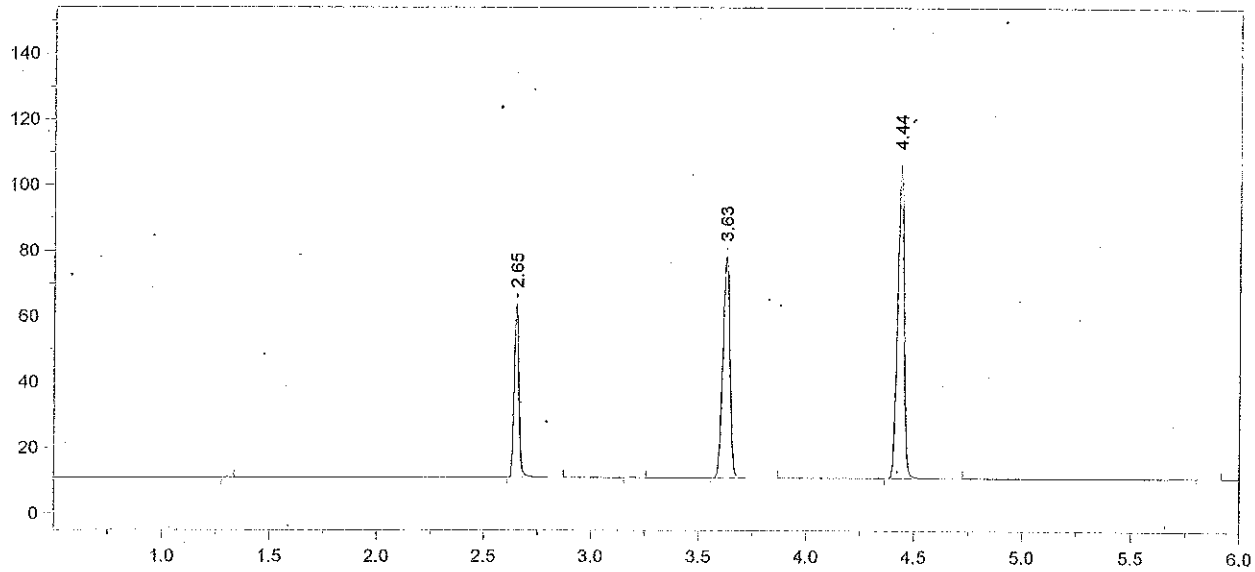


Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 9:37:36 PM
Bound File Name = VFL12092014.0019.RAW
Sample Name = CCS
Date Taken = 12/9/2014 9:37:28 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	85512	0.0796 *
4	3.63	t-Butanol	152680	0.9780
5	4.43	n-Propanol	207560	1.0000

1212090 17

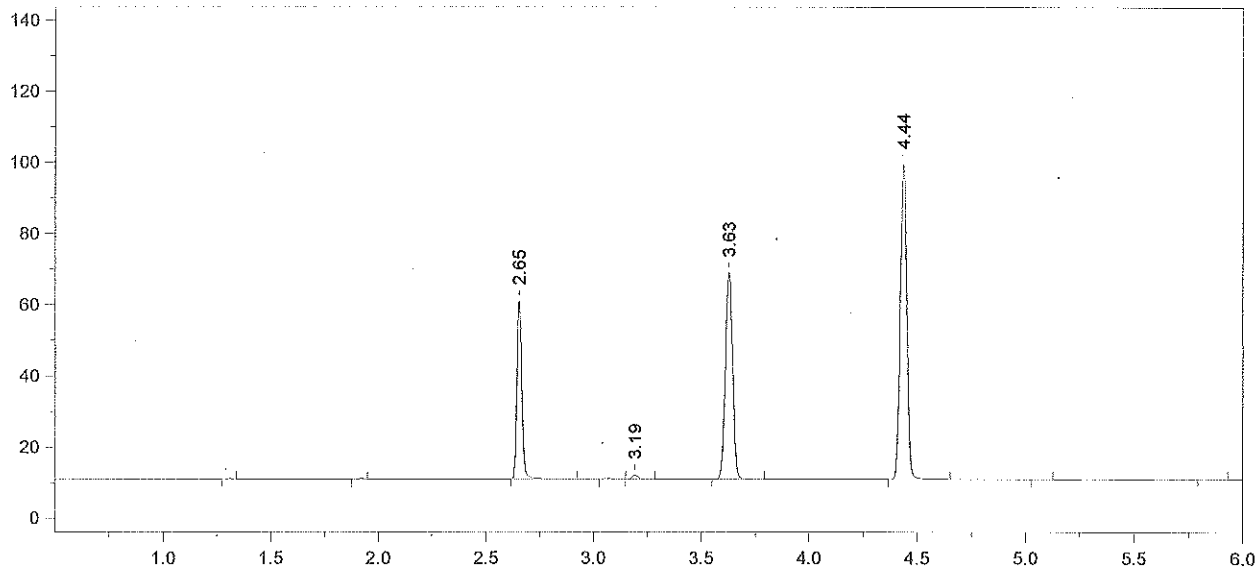


Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 9:54:09 PM
Bound File Name = VFL12092014.0020.RAW
Sample Name = CCS
Date Taken = 12/9/2014 9:54:05 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	82411	0.0780 *
4	3.63	t-Butanol	156076	1.0170
5	4.44	n-Propanol	204040	1.0000

Avg #19 + #20 = 0.079
RZM 12/10/14

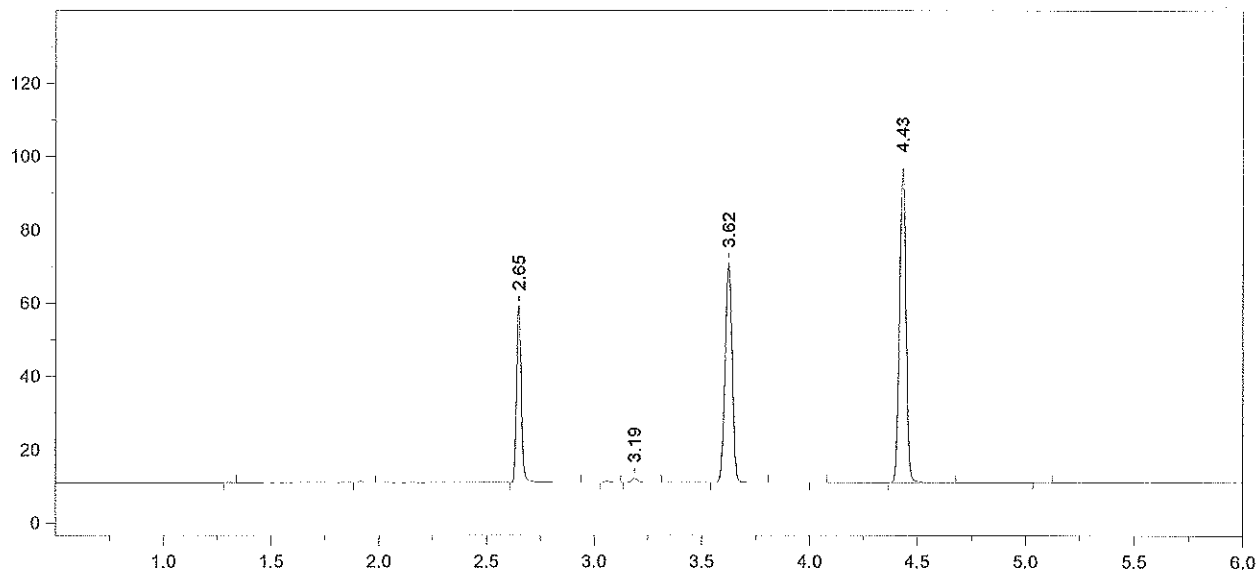


Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 10:09:07 PM
Bound File Name = VFL12092014.0021.RAW
Sample Name = 1212090 Rec'd 9/5/14
Date Taken = 12/9/2014 10:08:58 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.65	Ethanol	78277	0.0805
5	3.19	Isopropanol	02232	<0.004
6	3.63	t-Butanol	134959	0.9556
7	4.44	n-Propanol	187756	1.0000

1212090 19 RZM

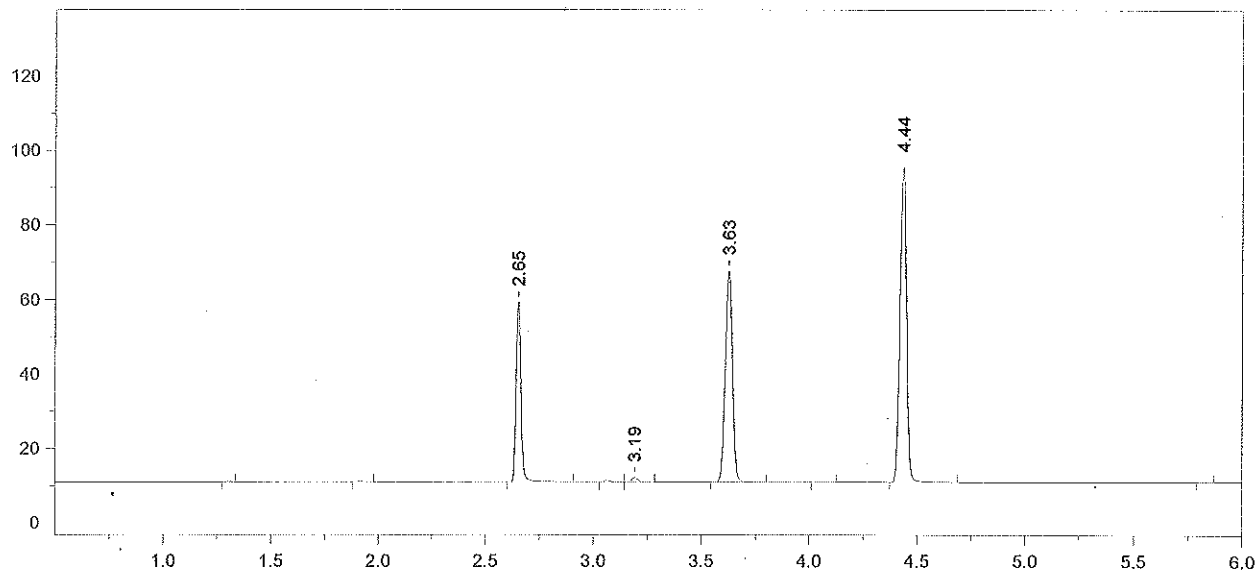


Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 10:25:40 PM
Bound File Name = VFL12092014.0022.RAW
Sample Name = 1212090 Rec'd 9/5/14
Date Taken = 12/9/2014 10:25:31 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.65	Ethanol	75103	0.0793
5	3.19	Isopropanol	02341	<0.004
6	3.62	t-Butanol	139105	1.0111
8	4.43	n-Propanol	182902	1.0000

1212090 20

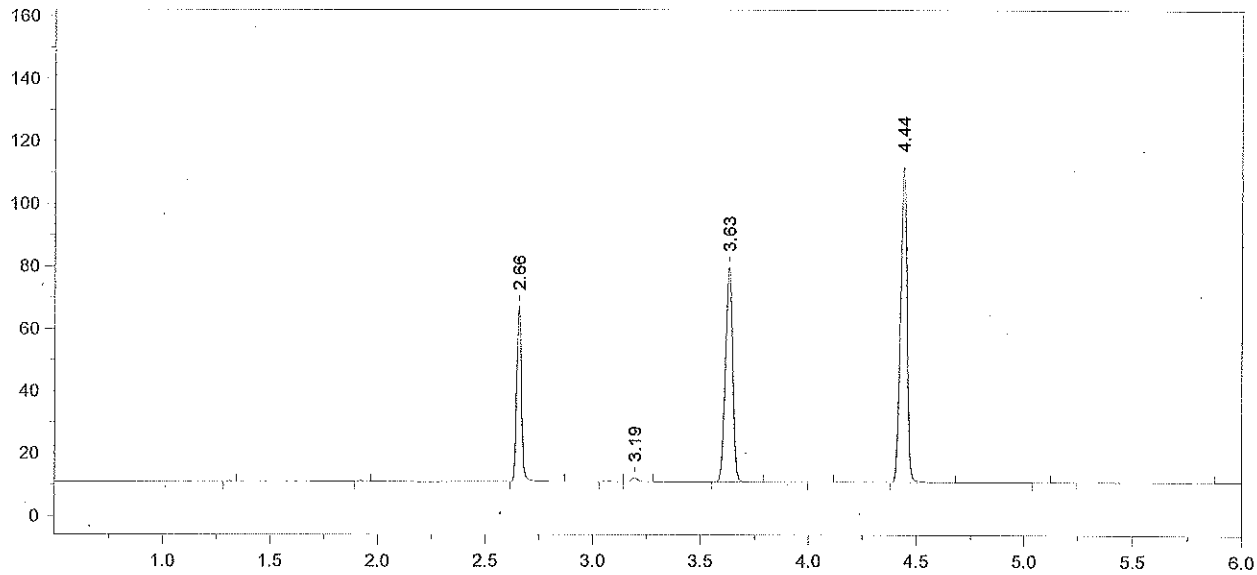


Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 10:40:31 PM
Bound File Name = VFL12092014.0023.RAW
Sample Name = 1212090 Rec'd 9/5/14
Date Taken = 12/9/2014 10:40:24 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.65	Ethanol	75924	0.0808
5	3.19	Isopropanol	02183	<0.004
6	3.63	t-Butanol	131538	0.9634
8	4.44	n-Propanol	181517	1.0000

1212090 21 RZM

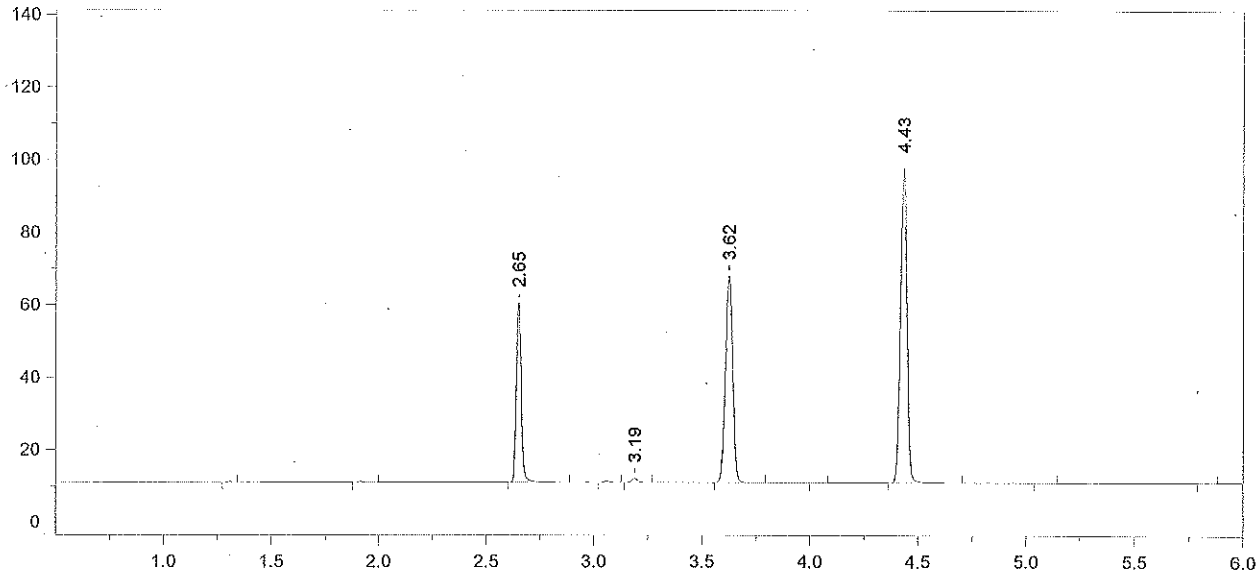


Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 10:55:18 PM
Bound File Name = VFL12092014.0024.RAW
Sample Name = 1212090 Rec'd 9/5/14
Date Taken = 12/9/2014 10:55:13 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.66	Ethanol	87620	0.0790
5	3.19	Isopropanol	02614	<0.004
6	3.63	t-Butanol	159478	0.9893
8	4.44	n-Propanol	214329	1.0000

1212090 22 KZm

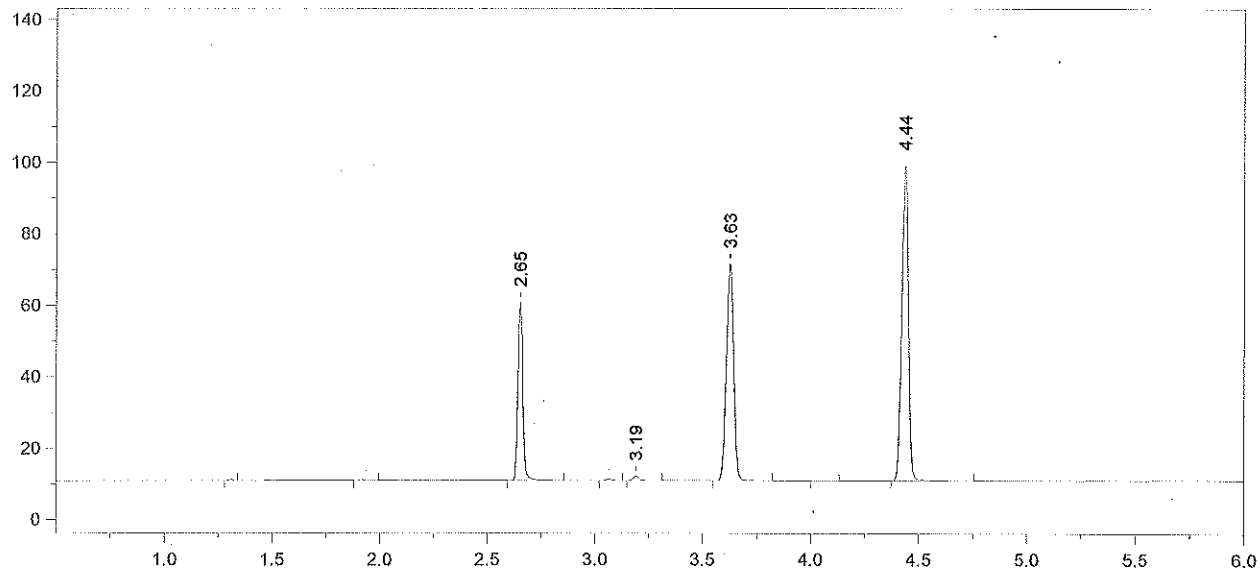


Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 11:11:54 PM
Bound File Name = VFL12092014.0025.RAW
Sample Name = 1212090 Rec'd 9/5/14
Date Taken = 12/9/2014 11:11:49 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.65	Ethanol	77339	0.0809
5	3.19	Isopropanol	02235	<0.004
6	3.62	t-Butanol	132626	0.9554
8	4.43	n-Propanol	184564	1.0000

1212090 23

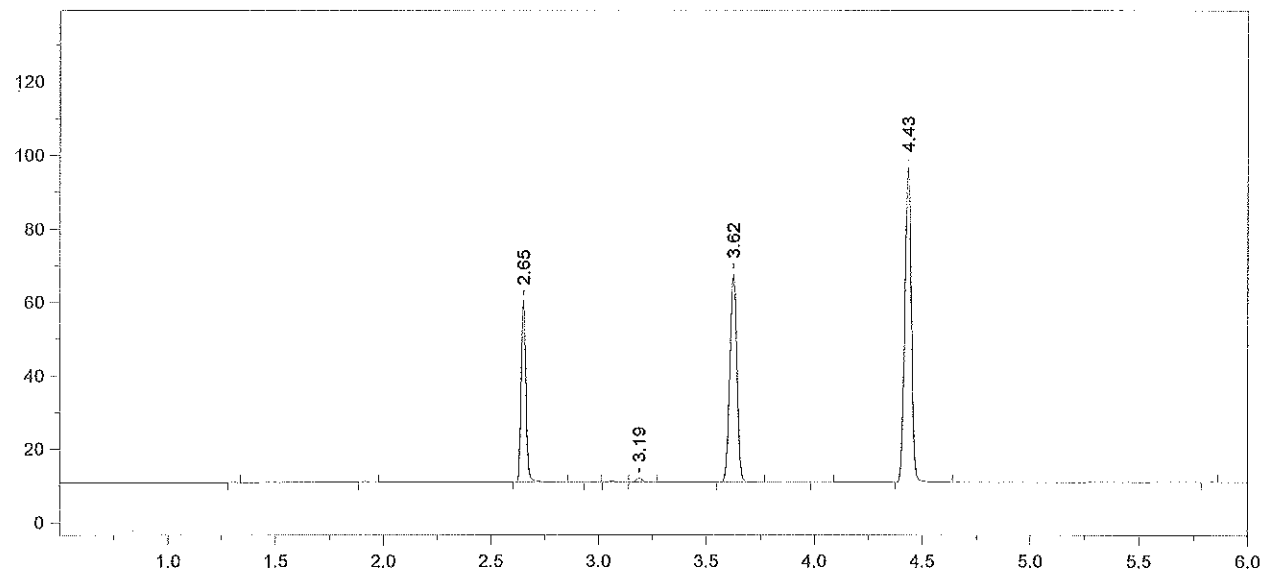


Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 11:26:55 PM
Bound File Name = VFL12092014.0026.RAW
Sample Name = 1212090 Rec'd 9/5/14
Date Taken = 12/9/2014 11:26:45 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.65	Ethanol	77824	0.0797
5	3.19	Isopropanol	02378	<0.004
6	3.63	t-Butanol	140560	0.9913
8	4.44	n-Propanol	188513	1.0000

1212090 24 KM

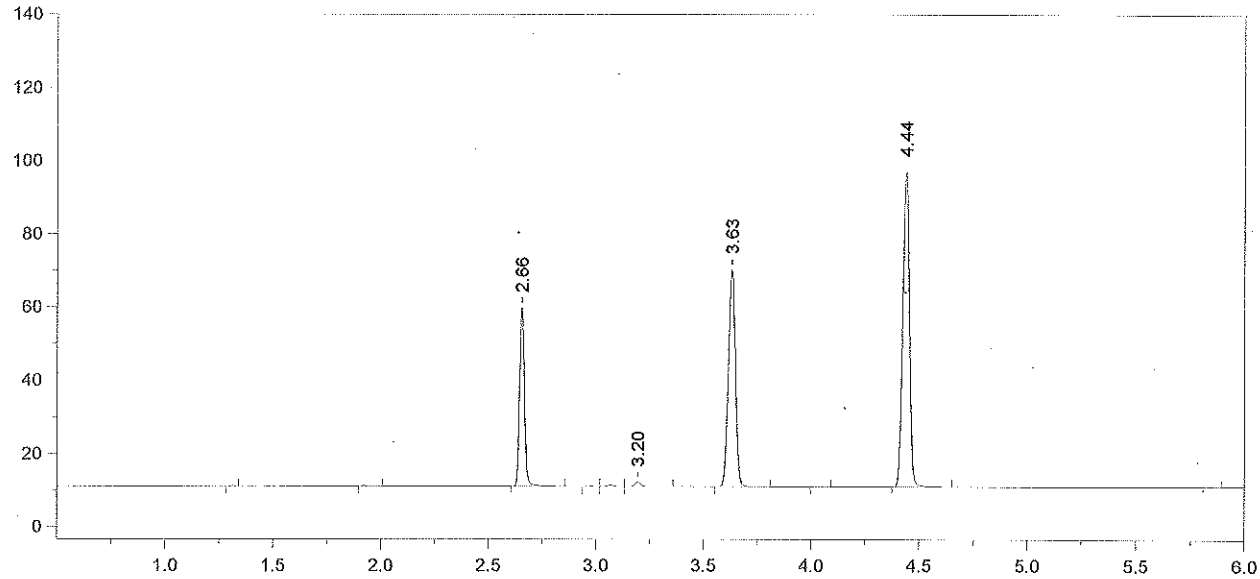


Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 11:43:24 PM
Bound File Name = VFL12092014.0027.RAW
Sample Name = 1212090 Rec'd 9/5/14
Date Taken = 12/9/2014 11:43:16 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.65	Ethanol	76836	0.0811
6	3.19	Isopropanol	02196	<0.004
7	3.62	t-Butanol	131273	0.9540
9	4.43	n-Propanol	182945	1.0000

1212090 25

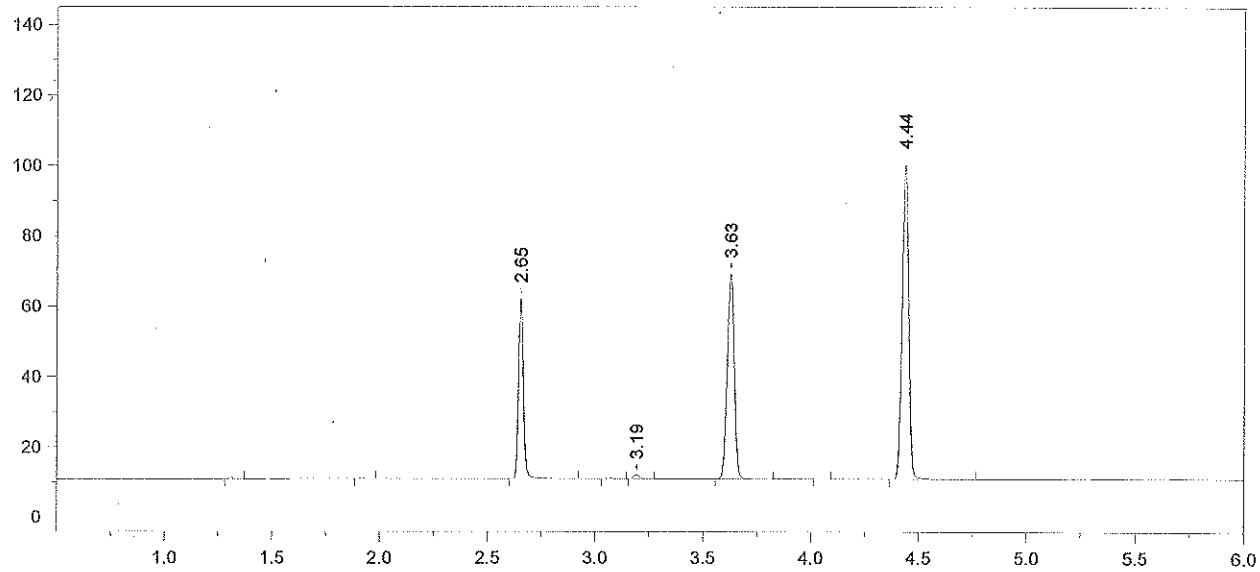


Format File Name = AlcoholVFL.FMT

Today's Date = 12/9/2014
Today's Time = 11:58:16 PM
Bound File Name = VFL12092014.0028.RAW
Sample Name = 1212090 Rec'd 9/5/14
Date Taken = 12/9/2014 11:58:12 PM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.66	Ethanol	76052	0.0800
6	3.20	Isopropanol	02342	<0.004
7	3.63	t-Butanol	137519	0.9959
9	4.44	n-Propanol	183592	1.0000

1212090 26 TKM

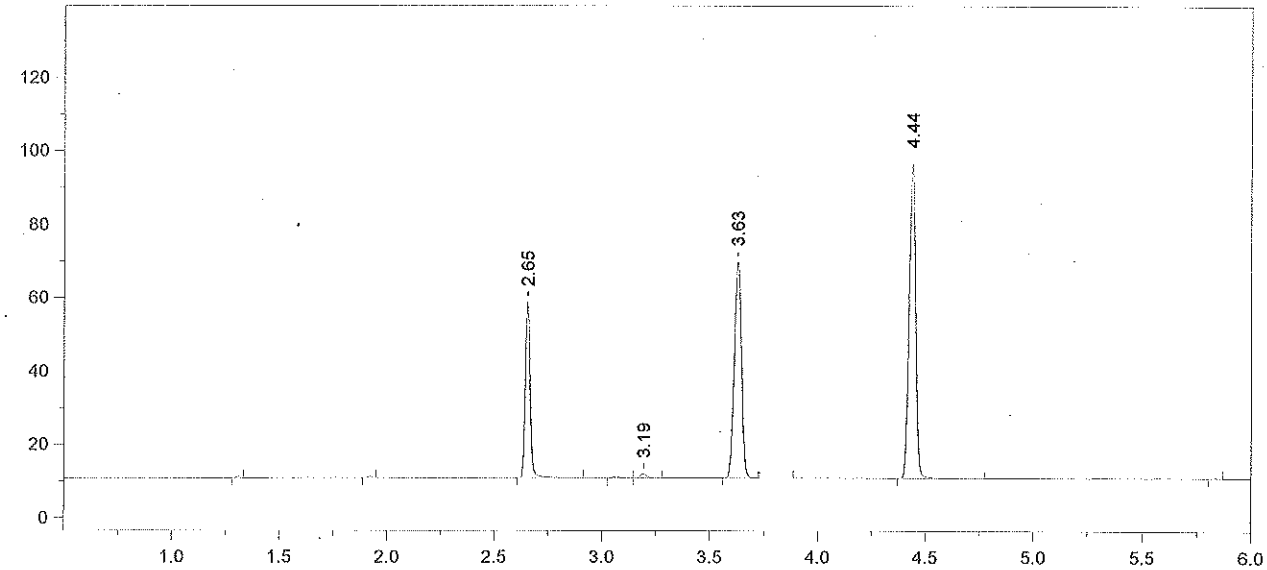


Format File Name = AlcoholVFL.FMT

Today's Date = 12/10/2014
Today's Time = 12:14:47 AM
Bound File Name = VFL12092014.0029.RAW
Sample Name = 1212090 Rec'd 9/5/14
Date Taken = 12/10/2014 12:14:38 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.65	Ethanol	80090	0.0811
5	3.19	Isopropanol	02238	<0.004
6	3.63	t-Butanol	135839	0.9466
8	4.44	n-Propanol	190786	1.0000

1212090 27 KZM

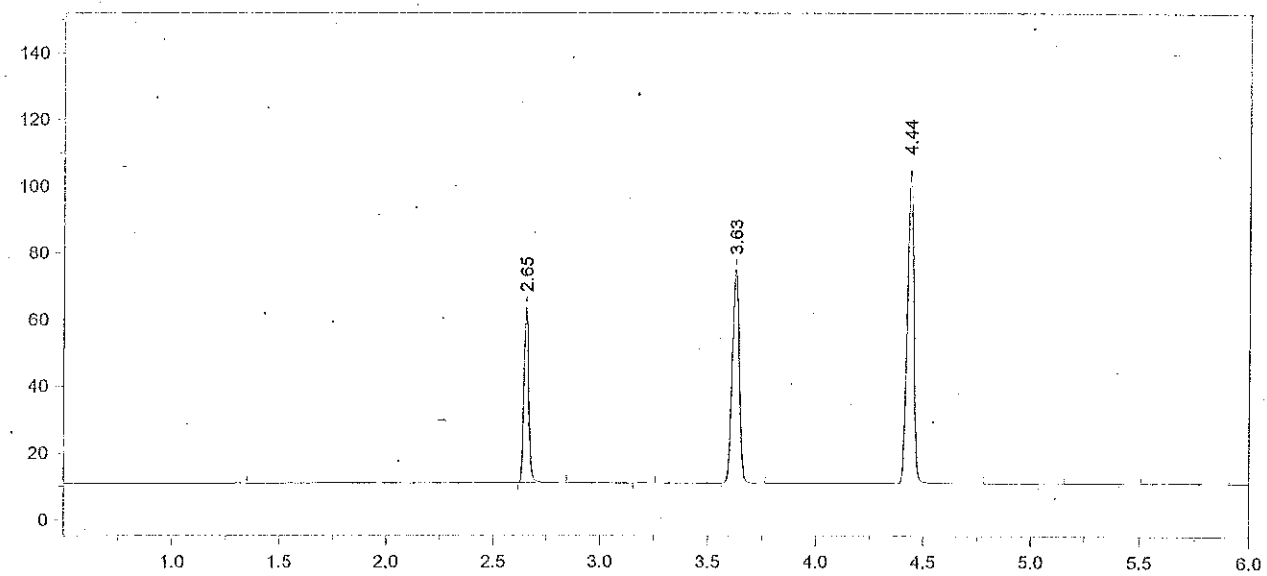


Format File Name = AlcoholVFL.FMT

Today's Date = 12/10/2014
Today's Time = 12:29:46 AM
Bound File Name = VFL12092014.0030.RAW
Sample Name = 1212090 Rec'd 9/5/14
Date Taken = 12/10/2014 12:29:36 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
3	2.65	Ethanol	75251	0.0798
5	3.19	Isopropanol	02219	<0.004
6	3.63	t-Butanol	137027	0.9995
7	4.44	n-Propanol	182272	1.0000

1212090 28 Kem

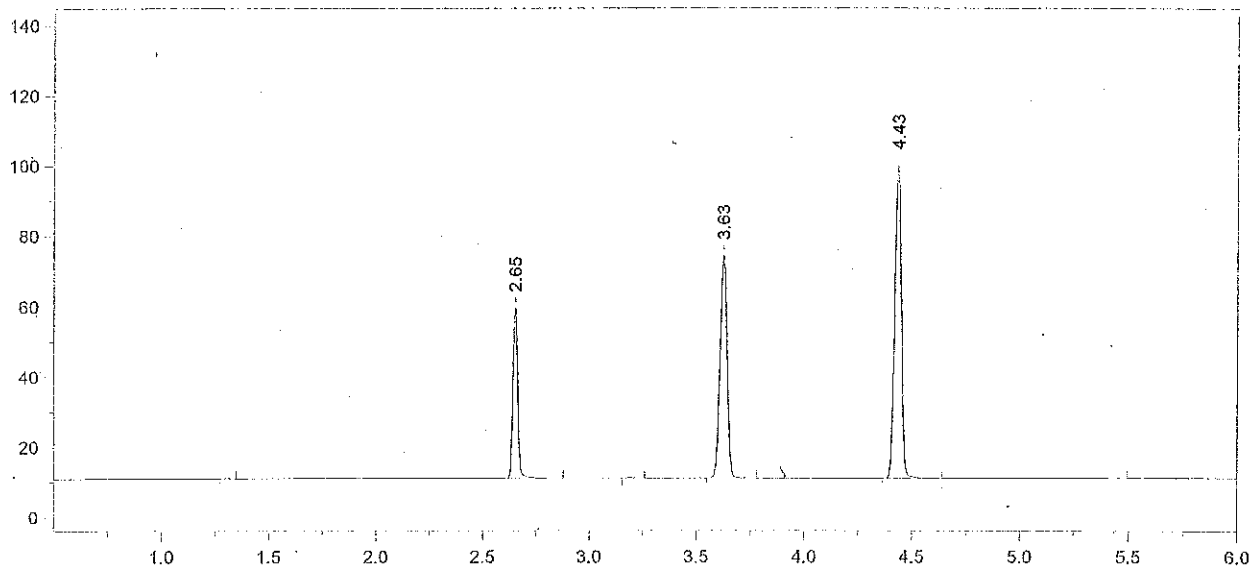


Format File Name = AlcoholVFL.FMT

Today's Date = 12/10/2014
Today's Time = 12:45:07 AM
Bound File Name = VFL12092014.0031.RAW
Sample Name = CCS
Date Taken = 12/10/2014 12:45:02 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	81658	0.0788 *
4	3.63	t-Butanol	148336	0.9847
5	4.44	n-Propanol	200283	1.0000

1212090 29 RM



Format File Name = AlcoholVFL.FMT

Today's Date = 12/10/2014
Today's Time = 1:01:07 AM
Bound File Name = VFL12092014.0032.RAW
Sample Name = CCS
Date Taken = 12/10/2014 1:01:03 AM
VFL Headspace Alcohol
Method file = Blood Alc temp VFL.MET
Calibration file = VFL12092014.CAL
Calibration Version = 7

Peak Number	Ret Time (min)	Peak Name	Area	Amount % WT/VOL
2	2.65	Ethanol	76506	0.0780 *
4	3.63	t-Butanol	147033	1.0311
5	4.43	n-Propanol	189589	1.0000

Avg #31 + #32 = 0.078
RCM 12/10/14

1212090 30 RCM