Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 600 Liquid Processor/Dilutor Serial Number: ML600HC11378

Volatiles Quality Assurance Controls

Run Date: 09/10/18-09/11/18

Calibration Date: 09/05/18

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0793 g/100cc
					0.0838 g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2008 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	**Exp date: Sept 2020**	**Lot #**	FN06041502		OK
Curve Fit:		**Column 1**	0.99999	**Column2**	0.99999

Ethanol Calibration Reference Material

Calibrator level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
0.050	Jul-19	FN06231406	0.050	0.045 - 0.055	0.0504	0.0509	0.0005	0.0506
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Aug-21	FN08101601	0.100	0.090 - 0.110	0.0994	0.0997	0.0003	0.0995
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1996	0.1989	0.0007	0.1992
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.3008	0.3002	0.0006	0.3005
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Sep-21	FN07031402	0.500	0.450 - 0.550	0.4997	0.5003	0.0006	0.5

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	May-22	FN04171701	0.08000	0.076 - 0.084	0.080 g/100cc

~Any information on this document can be changed for laboratory use, except for the precision and mean determination fomulas.

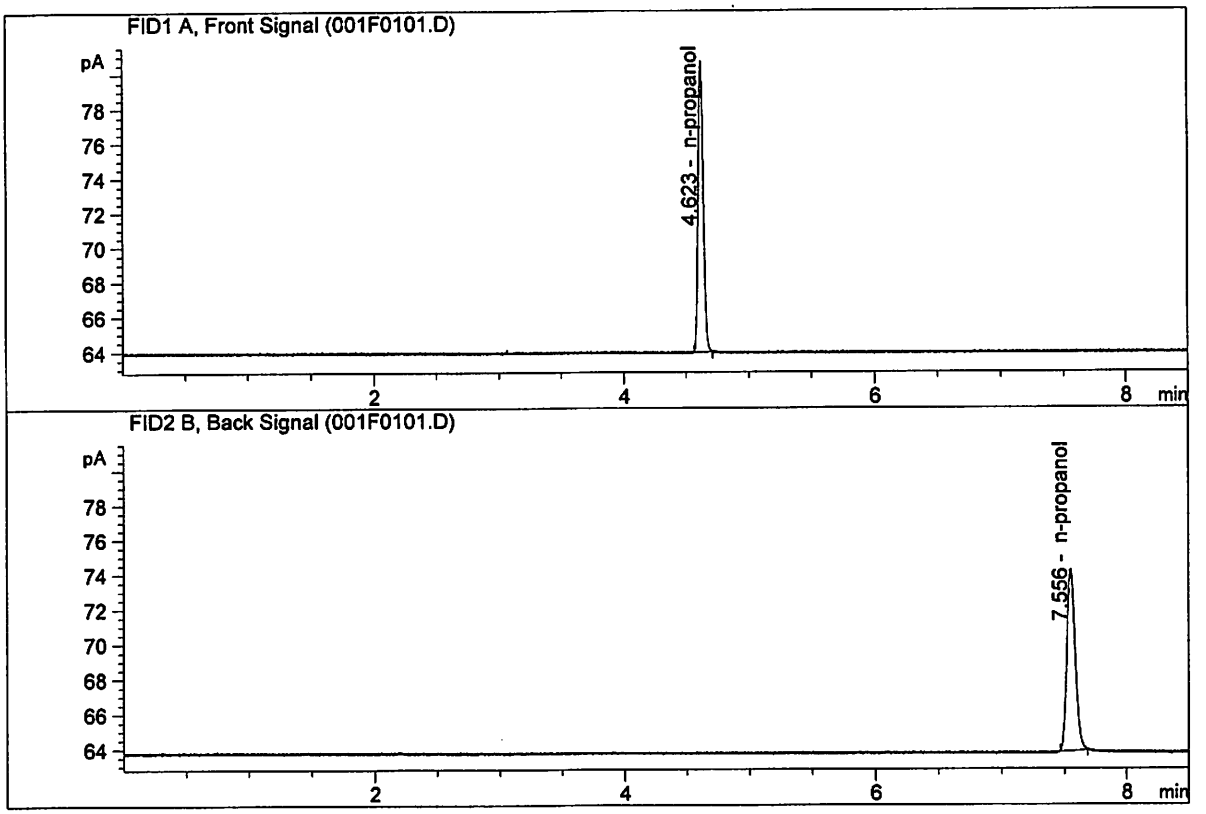
JG

Worklist: 2684

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2018-4343	1	125466	Alcohol Analysis
M2018-4344	1	125467	Alcohol Analysis
M2018-4393	2	125827	Alcohol Analysis
M2018-4412	1	125751	Alcohol Analysis
M2018-4413	1	125767	Alcohol Analysis
M2018-4414	1	125768	Alcohol Analysis
M2018-4417	1	125803	Alcohol Analysis
M2018-4429	1	125876	Alcohol Analysis
M2018-4430	1	125880	Alcohol Analysis
M2018-4431	1	125881	Alcohol Analysis
M2018-4436	1	125890	Alcohol Analysis
M2018-4441	1	125896	Alcohol Analysis
M2018-4442	1	125910	Alcohol Analysis
M2018-4470	1	125992	Alcohol Analysis
M2018-4474	1	125996	Alcohol Analysis
M2018-4475	1	126000	Alcohol Analysis
M2018-4477	1	126005	Alcohol Analysis
P2018-2478	4	125554	Alcohol Analysis
P2018-2512	1	125888	Alcohol Analysis

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Sep 10, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

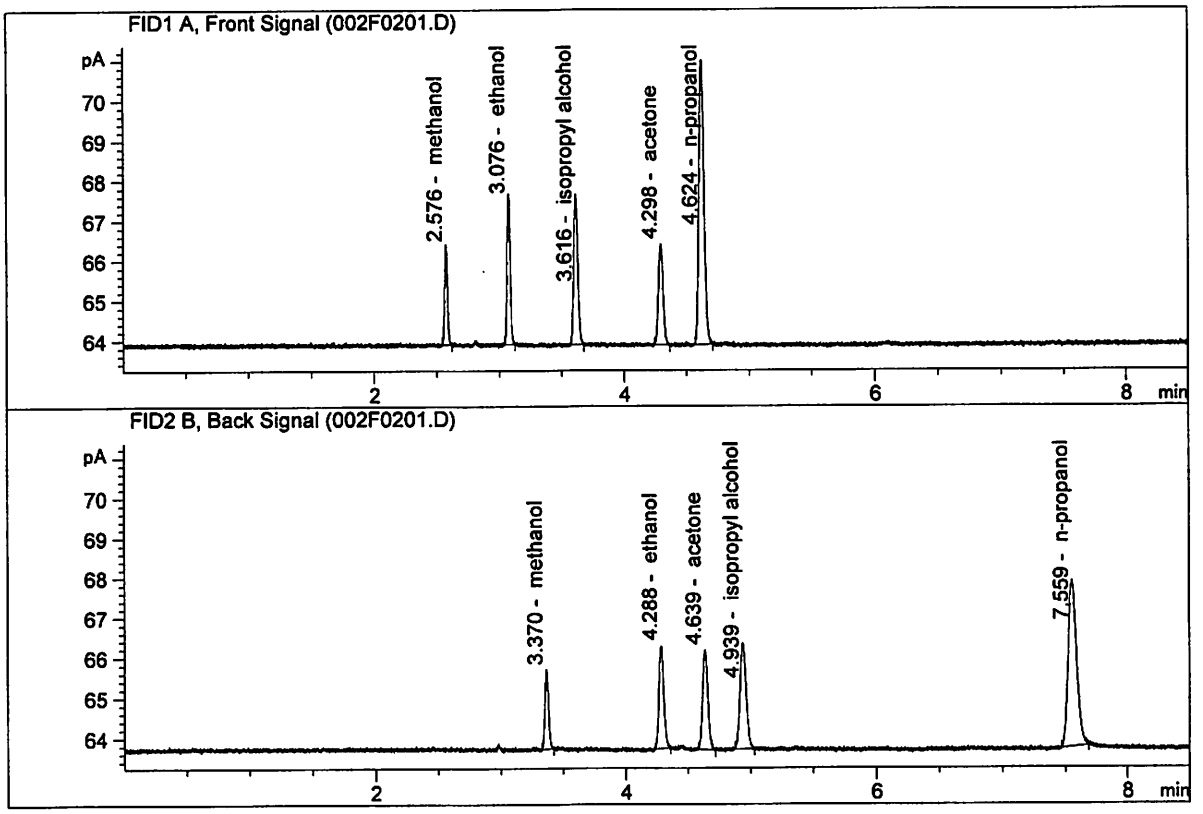


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	47.72379	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.66941	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN06041502
Laboratory : Meridian
Injection Date : Sep 10, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.70181	0.1743	g/100cc
2.	Ethanol	Column 2:	6.82769	0.1764	g/100cc
3.	n-Propanol	Column 1:	20.12390	1.0000	g/100cc
4.	n-Propanol	Column 2:	20.01691	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 10 Sep 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0792	0.0794	0.0002	0.0793	0.0793	
(g/100cc)	0.0791	0.0796	0.0005	0.0793		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number: ML600HC11378

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.079	**0.075**	**0.083**	**0.004**

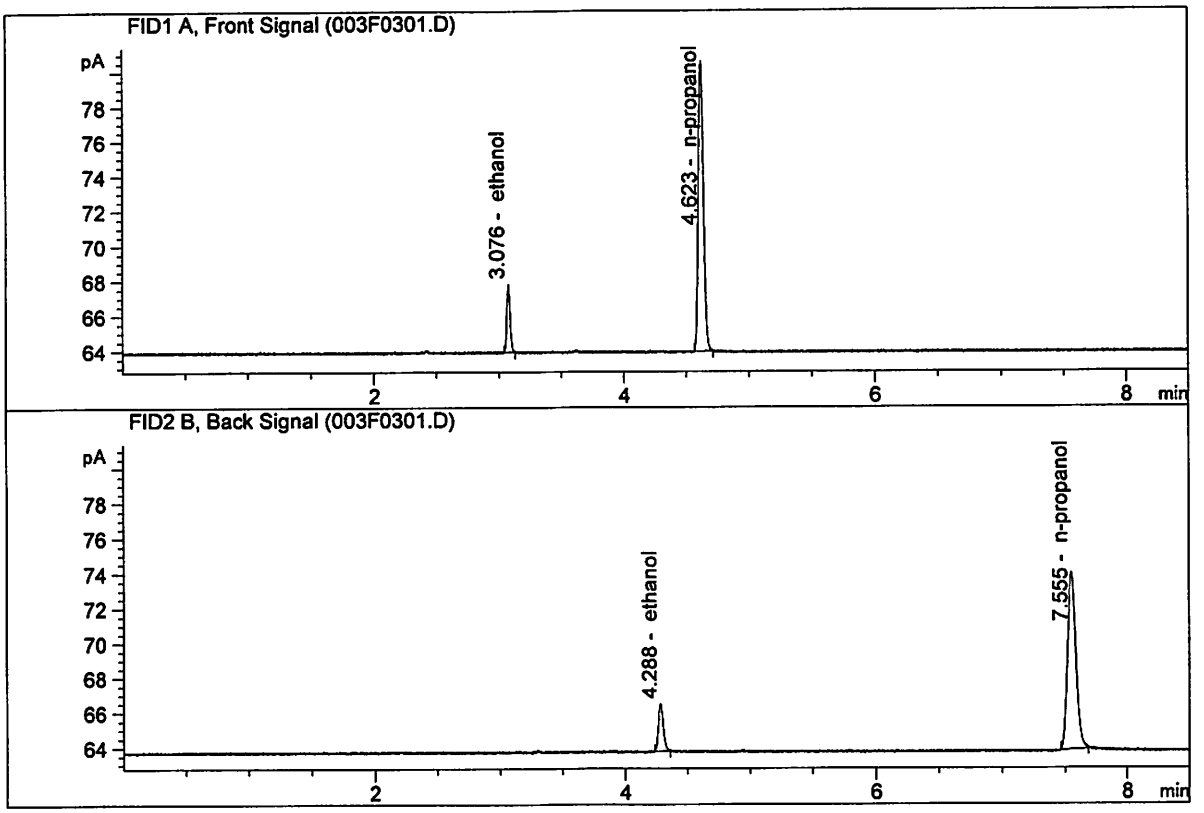
	Reported Result	
	0.079	

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Sep 10, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

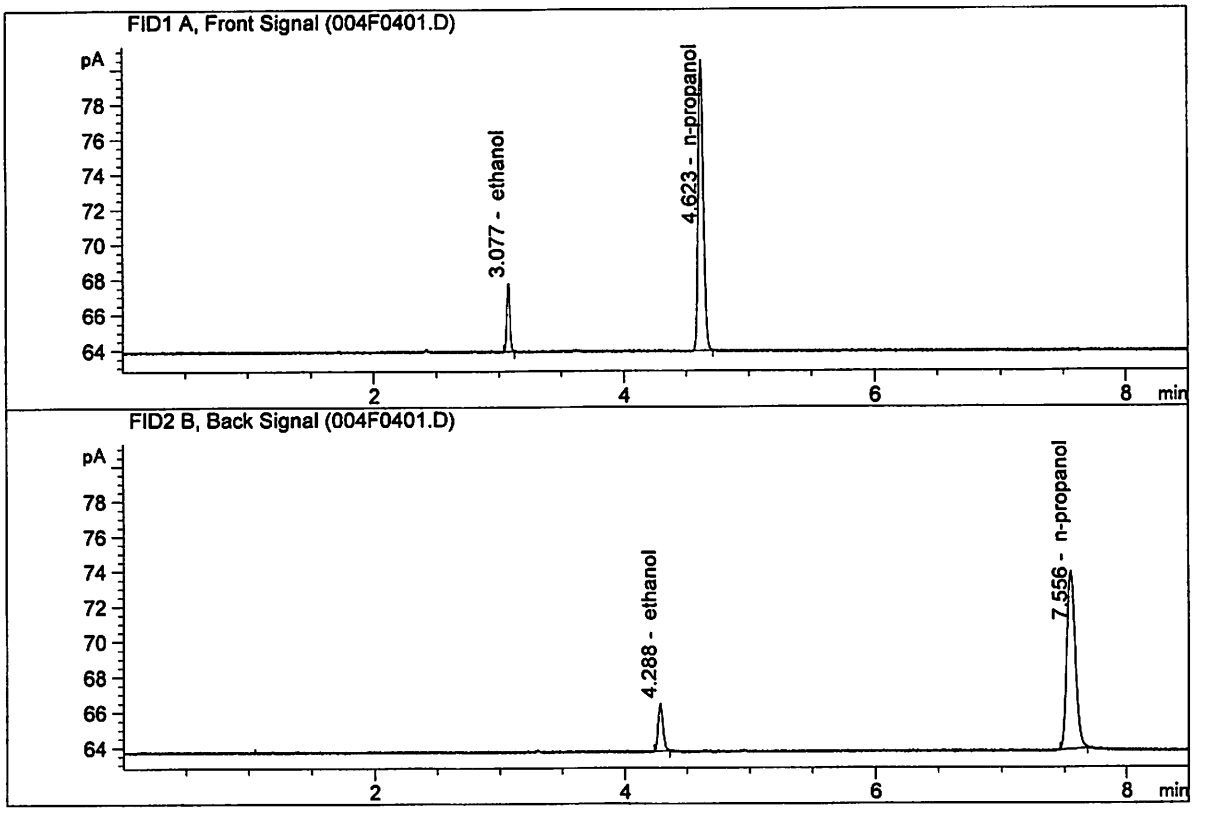


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.14194	0.0792	g/100cc
2.	Ethanol	Column 2:	7.28449	0.0794	g/100cc
3.	n-Propanol	Column 1:	47.39023	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.78183	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Sep 10, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.07591	0.0791	g/100cc
2.	Ethanol	Column 2:	7.24935	0.0796	g/100cc
3.	n-Propanol	Column 1:	47.05884	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.42398	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN04171701 **Analysis Date(s): 10 Sep 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0791	0.0808	0.0017	0.0799	0.0801	
(g/100cc)	0.0799	0.0808	0.0009	0.0803		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number: ML600HC11378

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

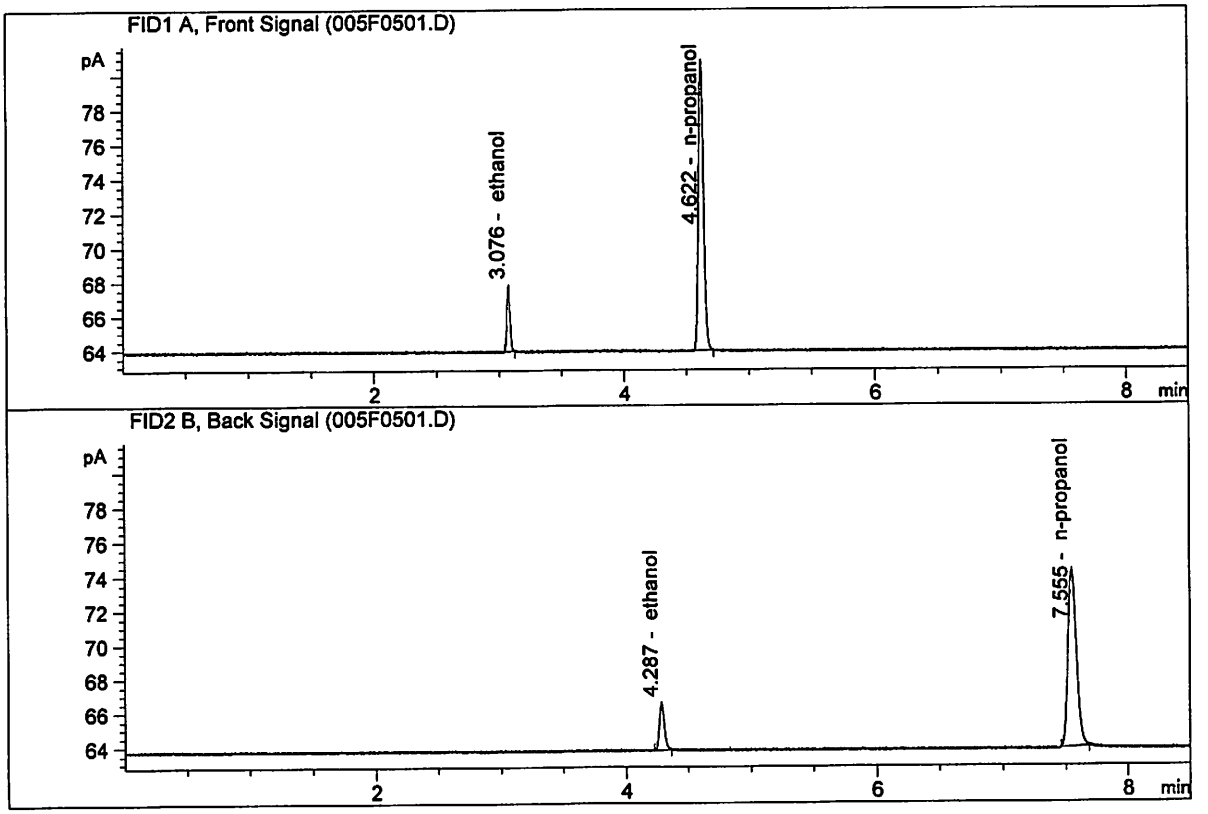
Overall Mean (g/100cc)	Low	High	5% of Mean
0.080	**0.076**	**0.084**	**0.004**

	Reported Result	
	0.080	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-A
Laboratory : Meridian
Injection Date : Sep 10, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

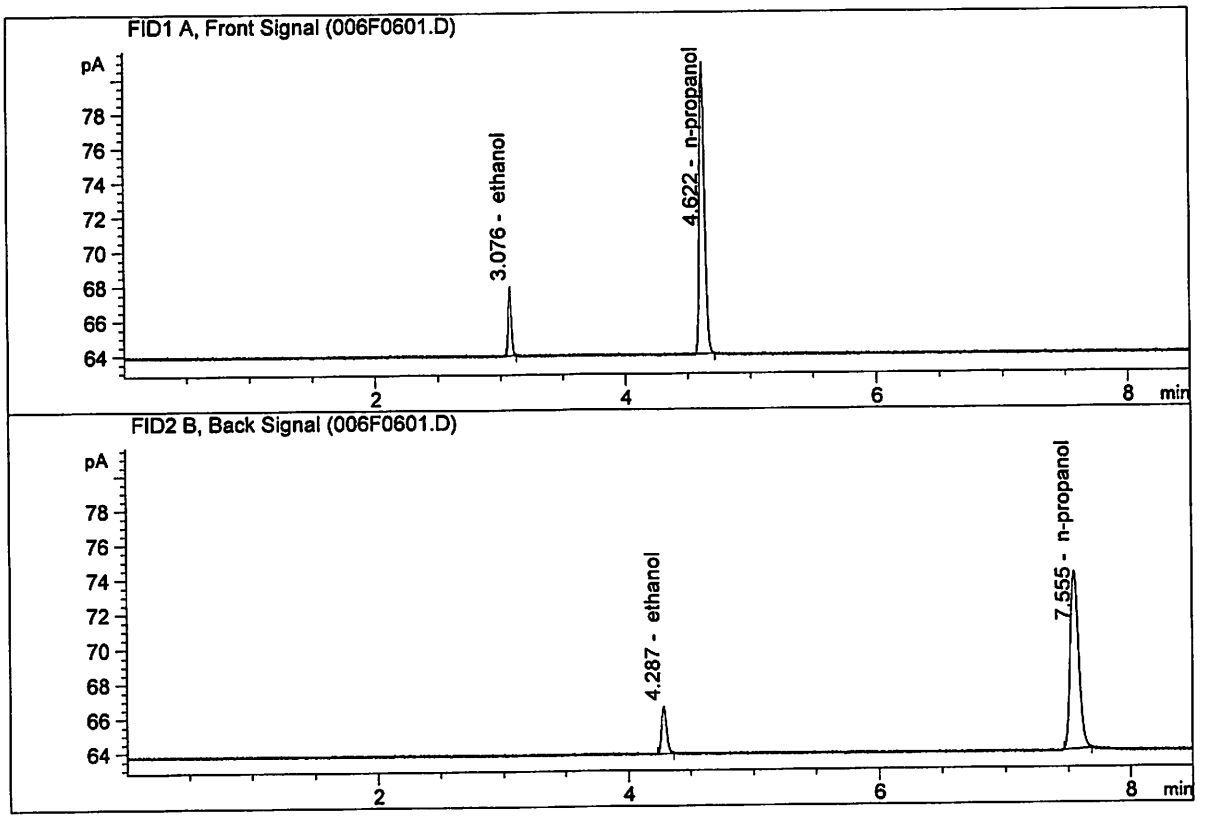


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.27943	0.0791	g/100cc
2.	Ethanol	Column 2:	7.56796	0.0808	g/100cc
3.	n-Propanol	Column 1:	48.37620	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.74328	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN04171701-B
Laboratory : Meridian
Injection Date : Sep 10, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.30065	0.0799	g/100cc
2.	Ethanol	Column 2:	7.52692	0.0808	g/100cc
3.	n-Propanol	Column 1:	48.06643	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.44342	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 10 Sep 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1998	0.2019	0.0021	0.2008	0.2008	
(g/100cc)	0.1999	0.2017	0.0018	0.2008		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number: ML600HC11378

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.200	**0.190**	**0.210**	**0.010**

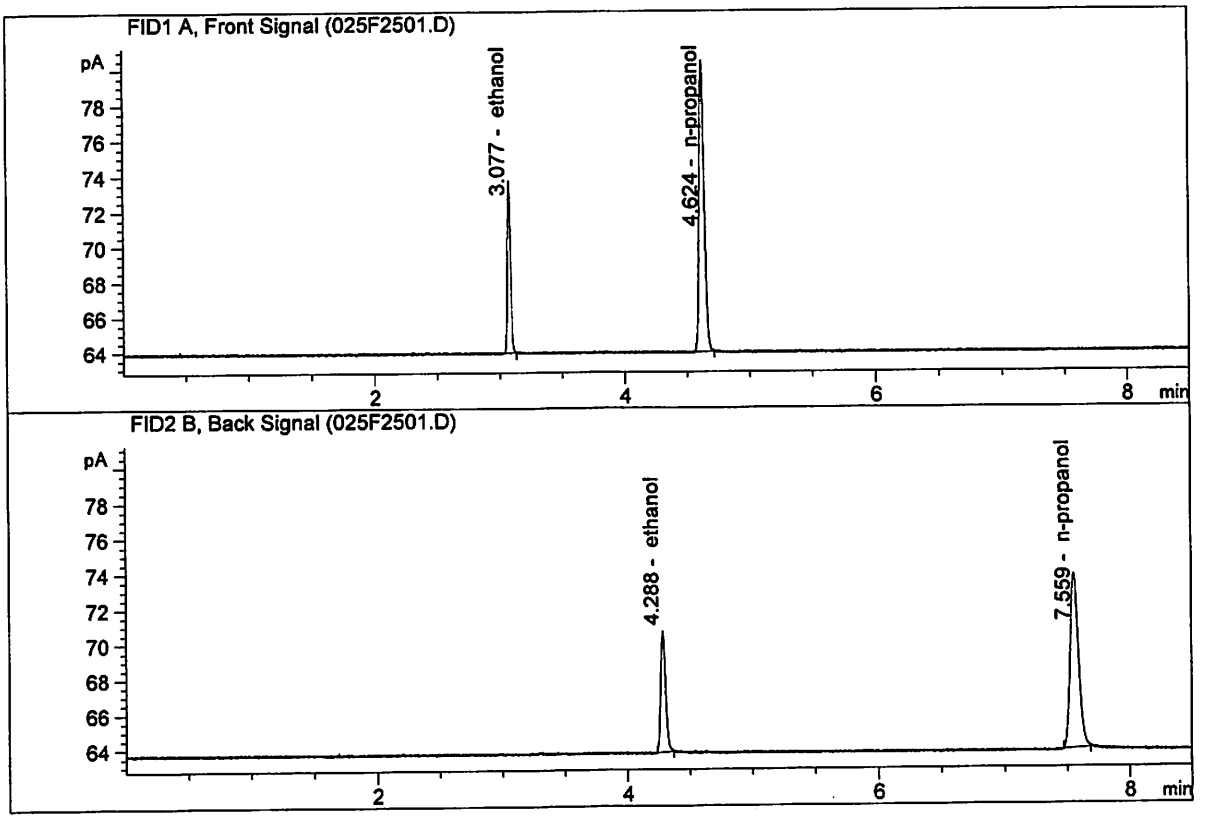
Reported Result

0.200

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Sep 10, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

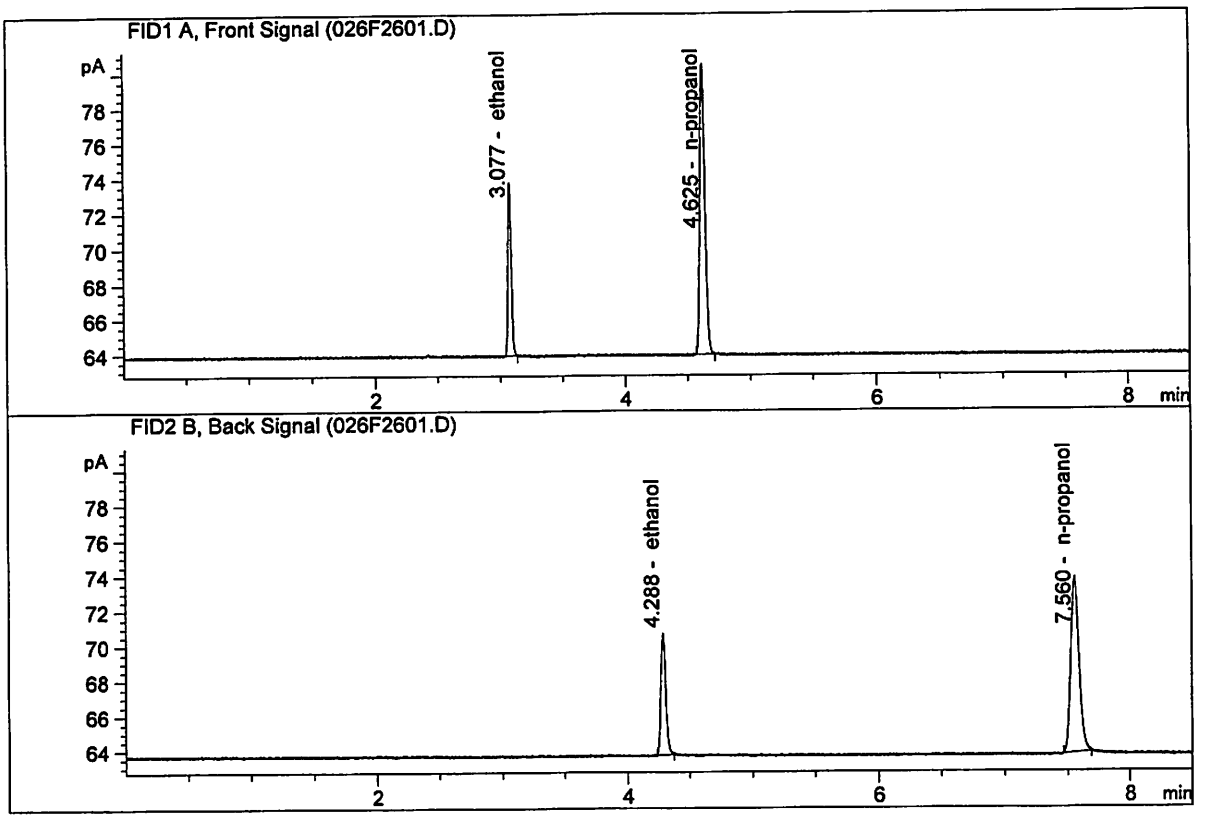


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.93316	0.1998	g/100cc
2.	Ethanol	Column 2:	18.69611	0.2019	g/100cc
3.	n-Propanol	Column 1:	46.96920	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.76175	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Sep 10, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.99884	0.1999	g/100cc
2.	Ethanol	Column 2:	18.76184	0.2017	g/100cc
3.	n-Propanol	Column 1:	47.10228	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.98186	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 11 Sep 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0836	0.0838	0.0002	0.0837	0.0838	
(g/100cc)	0.0833	0.0848	0.0015	0.0840		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number: ML600HC11378

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.083	**0.078**	**0.088**	**0.005**

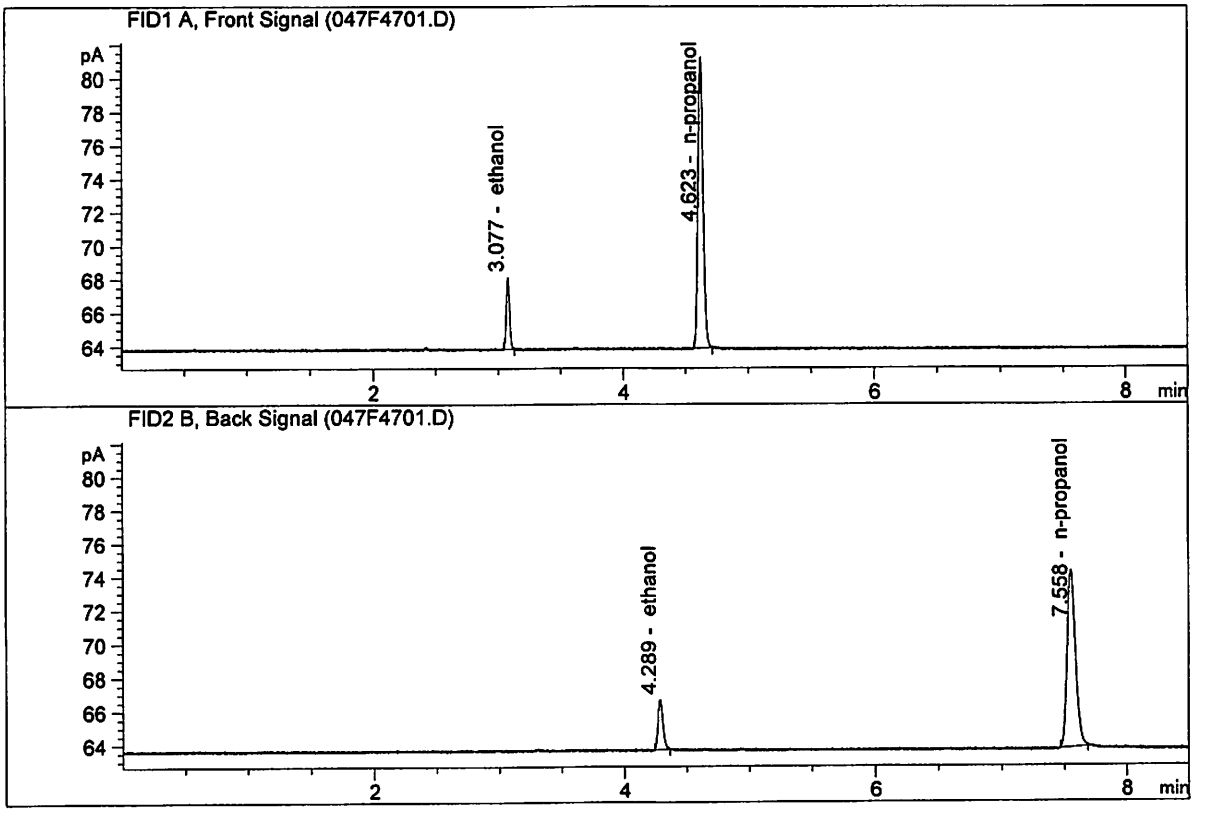
	Reported Result	
	0.083	

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

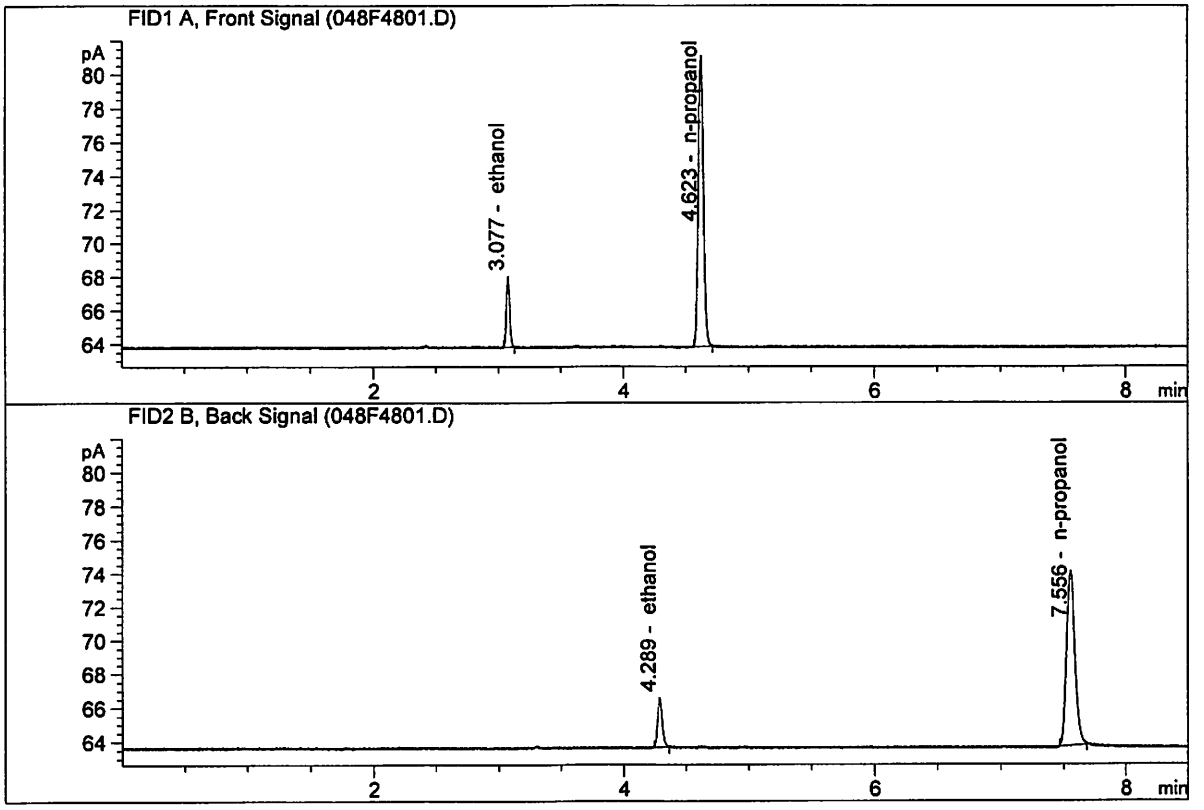
Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Sep 11, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.84585	0.0836	g/100cc
2.	Ethanol	Column 2:	7.94795	0.0838	g/100cc
3.	n-Propanol	Column 1:	49.33273	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.27317	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Sep 11, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

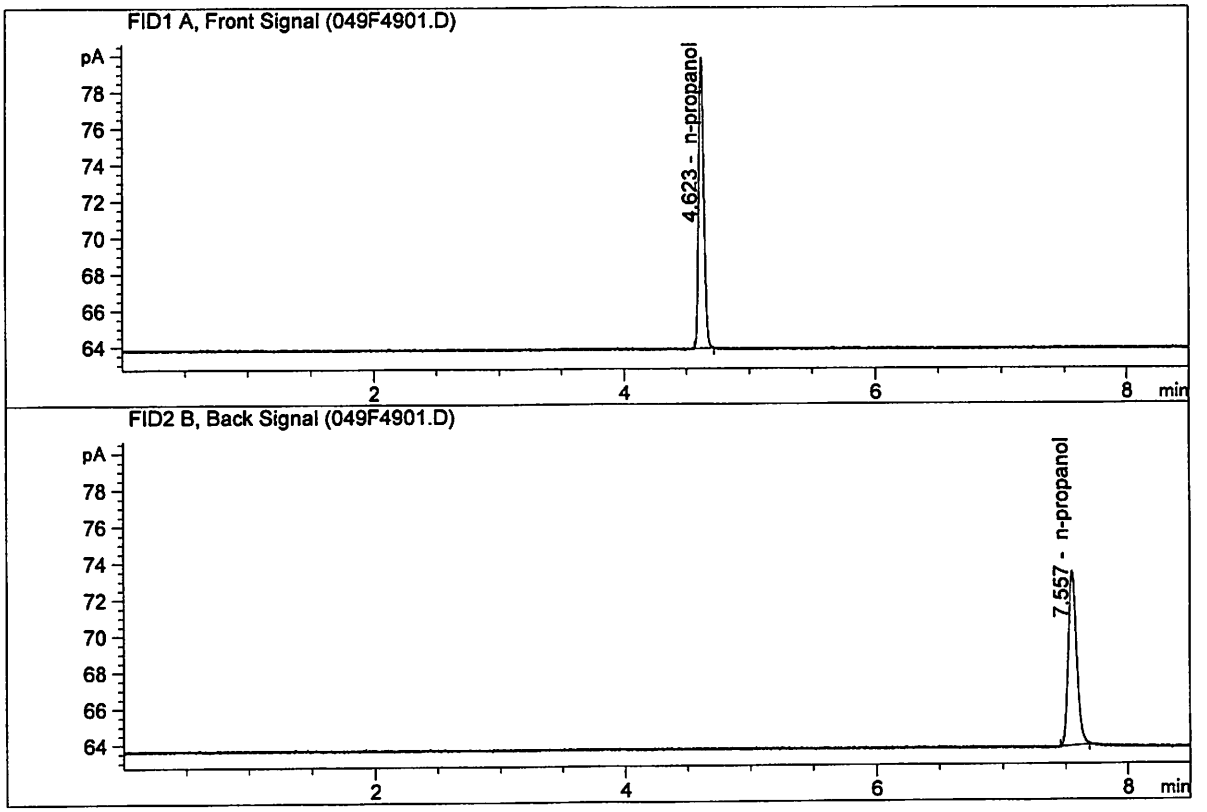


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.77414	0.0833	g/100cc
2.	Ethanol	Column 2:	7.98073	0.0848	g/100cc
3.	n-Propanol	Column 1:	49.06004	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.86275	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Sep 11, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	45.44786	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.53319	1.0000	g/100cc

Sample Summary

Sequence table: C:\Chem32\1\Data\09-10-18_SAMPLES\09-10-18_SAMPLES 2018-09-10 16-07-48\09 10-18_SAMPLES.S
Data directory path: C:\Chem32\1\Data\09-10-18_SAMPLES\09-10-18_SAMPLES 2018-09-10 16-07-48\
Logbook: C:\Chem32\1\Data\09-10-18_SAMPLES\09-10-18_SAMPLES 2018-09-10 16-07-48\09 10-18_SAMPLES.LOG
Sequence start: 9/10/2018 4:22:30 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\09-10-18_SAMPLES\09-10-18_SAMPLES 2018-09-10 16-07-48 \ALCOHOL.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	Cmp
1	1	1	INTERNAL STD BLK	-	1.0000	001F0101.D		2
2	2	1	MIX VOL FN060415	-	1.0000	002F0201.D		10
3	3	1	QC1-1-A	-	1.0000	003F0301.D		4
4	4	1	QC1-1-B	-	1.0000	004F0401.D		4
5	5	1	0.08 FN04171701-	-	1.0000	005F0501.D		4
6	6	1	0.08 FN04171701-	-	1.0000	006F0601.D		4
7	7	1	M2018-4343-1-A	-	1.0000	007F0701.D		4
8	8	1	M2018-4343-1-B	-	1.0000	008F0801.D		4
9	9	1	M2018-4344-1-A	-	1.0000	009F0901.D		4
10	10	1	M2018-4344-1-B	-	1.0000	010F1001.D		4
11	11	1	M2018-4393-2-A	-	1.0000	011F1101.D		2
12	12	1	M2018-4393-2-B	-	1.0000	012F1201.D		2
13	13	1	M2018-4412-1-A	-	1.0000	013F1301.D		4
14	14	1	M2018-4412-1-B	-	1.0000	014F1401.D		4
15	15	1	M2018-4413-1-A	-	1.0000	015F1501.D		6
16	16	1	M2018-4413-1-B	-	1.0000	016F1601.D		6
17	17	1	M2018-4414-1-A	-	1.0000	017F1701.D		4
18	18	1	M2018-4414-1-B	-	1.0000	018F1801.D		4
19	19	1	M2018-4417-1-A	-	1.0000	019F1901.D		4
20	20	1	M2018-4417-1-B	-	1.0000	020F2001.D		4
21	21	1	M2018-4429-1-A	-	1.0000	021F2101.D		2
22	22	1	M2018-4429-1-B	-	1.0000	022F2201.D		2
23	23	1	M2018-4430-1-A	-	1.0000	023F2301.D		4
24	24	1	M2018-4430-1-B	-	1.0000	024F2401.D		4
25	25	1	QC2-1-A	-	1.0000	025F2501.D		4
26	26	1	QC2-1-B	-	1.0000	026F2601.D		4
27	27	1	M2018-4431-1-A	-	1.0000	027F2701.D		2
28	28	1	M2018-4431-1-B	-	1.0000	028F2801.D		2
29	29	1	M2018-4436-1-A	-	1.0000	029F2901.D		4
30	30	1	M2018-4436-1-B	-	1.0000	030F3001.D		4
31	31	1	M2018-4441-1-A	-	1.0000	031F3101.D		4
32	32	1	M2018-4441-1-B	-	1.0000	032F3201.D		4
33	33	1	M2018-4442-1-A	-	1.0000	033F3301.D		4
34	34	1	M2018-4442-1-B	-	1.0000	034F3401.D		4
35	35	1	M2018-4470-1-A	-	1.0000	035F3501.D		4
36	36	1	M2018-4470-1-B	-	1.0000	036F3601.D		4
37	37	1	M2018-4474-1-A	-	1.0000	037F3701.D		6
38	38	1	M2018-4474-1-B	-	1.0000	038F3801.D		6
39	39	1	M2018-4475-1-A	-	1.0000	039F3901.D		6
40	40	1	M2018-4475-1-B	-	1.0000	040F4001.D		6
41	41	1	M2018-4477-1-A	-	1.0000	041F4101.D		4
42	42	1	M2018-4477-1-B	-	1.0000	042F4201.D		4
43	43	1	P2018-2478-1-A	-	1.0000	043F4301.D		6

36
4

Sequence File C:\Chem32\...8_SAMPLES\09-10-18_SAMPLES 2018-09-10 16-07-48\09-10-18_SAMPLES.S

Run #	Location #	Inj	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
44	44	1	P2018-2478-1-B	-	1.0000	044F4401.D		6
45	45	1	P2018-2512-1-A	-	1.0000	045F4501.D		2
46	46	1	P2018-2512-1-B	-	1.0000	046F4601.D		2
47	47	1	QC1-2-A	-	1.0000	047F4701.D		4
48	48	1	QC1-2-B	-	1.0000	048F4801.D		4
49	49	1	INTERNAL STD BLK	-	1.0000	049F4901.D		2

Method file name: C:\Chem32\1\Data\09-10-18_SAMPLES\09-10-18_SAMPLES 2018-09-10 16-07-48\SHUTDOWN.M

Run #	Location #	Inj	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
50	50	1	EMPTY	-	1.0000	050F5001.D		0

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, September 05, 2018 3:47:55 PM
Signals calculated separately : No

Rel. Reference Window : 0.000 %
Abs. Reference Window : 0.100 min
Rel. Non-ref. Window : 0.000 %
Abs. Non-ref. Window : 0.100 min
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Ignored
Weight : Equal

Recalibration Settings:
Average Response : Average all calibrations
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100cc]	Name
1	1.00000	n-propanol
2	1.00000	n-propanol

Signal Details

Signal 1: FID1 A, Front Signal
Signal 2: FID2 B, Back Signal

Overview Table

JC

Method C:\CHEM32\1\METHODS\ALCOHOL.M

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.586	1	1	1.00000	3.69669	2.70512e-1	No	No	1	methanol
2.809	1	1	1.00000	4.26100	2.34687e-1	No	No	2	Acetaldehyde
2.977	2	1	1.00000	4.26100	2.34687e-1	No	No	2	Acetaldehyde
3.075	1	1	5.00000e-2	4.59817	1.08739e-2	No	No	1	ethanol
		2	1.00000e-1	9.32346	1.07256e-2				
		3	2.00000e-1	18.41389	1.08614e-2				
		4	3.00000e-1	27.45264	1.09279e-2				
		5	5.00000e-1	46.08223	1.08502e-2				
3.388	2	1	1.00000	4.26062	2.34707e-1	No	No	2	methanol
3.628	1	1	1.00000	9.73055	1.02769e-1	No	No	1	isopropyl alcohol
4.285	2	1	5.00000e-2	4.66852	1.07100e-2	No	No	2	ethanol
		2	1.00000e-1	9.64956	1.03632e-2				
		3	2.00000e-1	19.22962	1.04006e-2				
		4	3.00000e-1	28.79560	1.04183e-2				
		5	5.00000e-1	48.70642	1.02656e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	48.17749	2.07566e-2	No	Yes	1	n-propanol
		2	1.00000	49.21605	2.03186e-2				
		3	1.00000	48.27000	2.07168e-2				
		4	1.00000	47.70254	2.09632e-2				
		5	1.00000	48.15673	2.07655e-2				
4.661	2	1	1.00000	6.89301	1.45075e-1	No	No	2	acetone
4.969	2	1	1.00000	10.70642	9.34019e-2	No	No	2	isopropyl alcohol
7.550	2	1	1.00000	50.14548	1.99420e-2	No	Yes	2	n-propanol
		2	1.00000	50.94972	1.96272e-2				
		3	1.00000	49.87467	2.00503e-2				
		4	1.00000	49.17295	2.03364e-2				
		5	1.00000	49.65463	2.01391e-2				

Peak Sum Table

No Entries in table

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1 Warnings or Errors :

Warning : Curve requires more calibration points., (methanol)

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Calibration Curves

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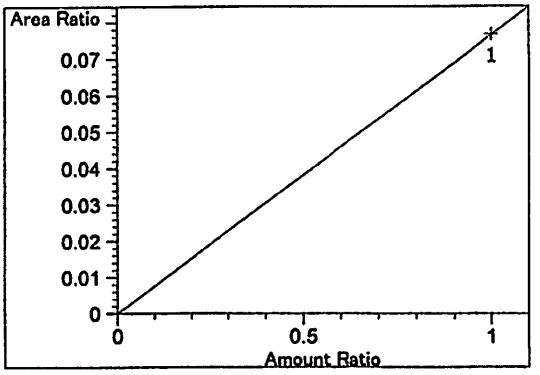
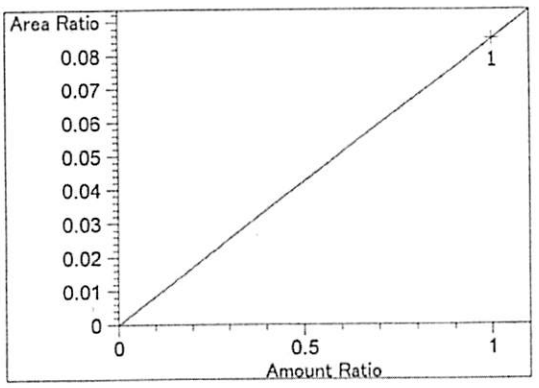
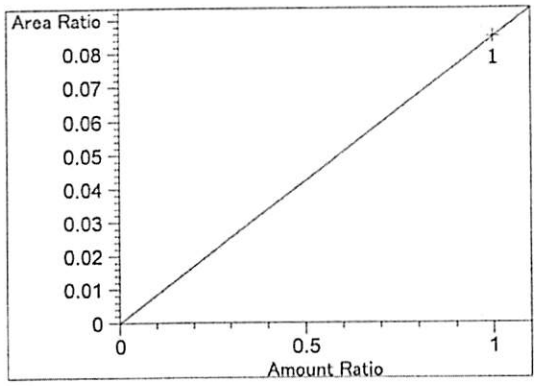


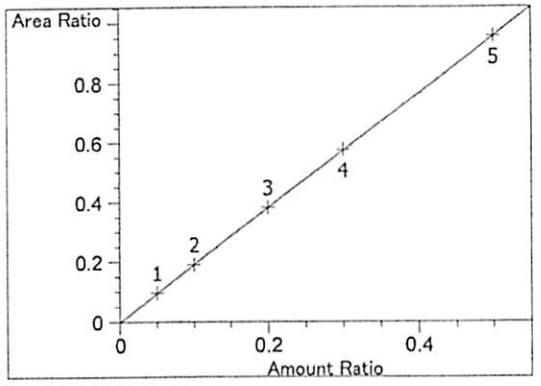
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 7.67307e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



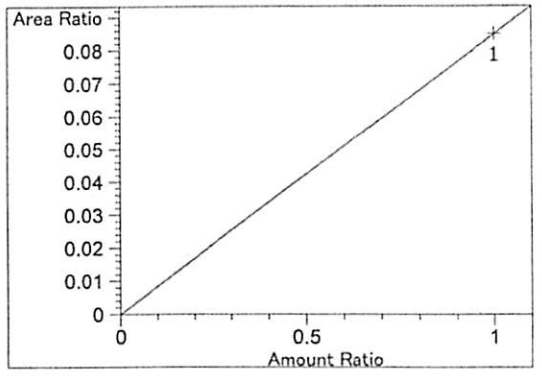
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.49728e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.49728e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

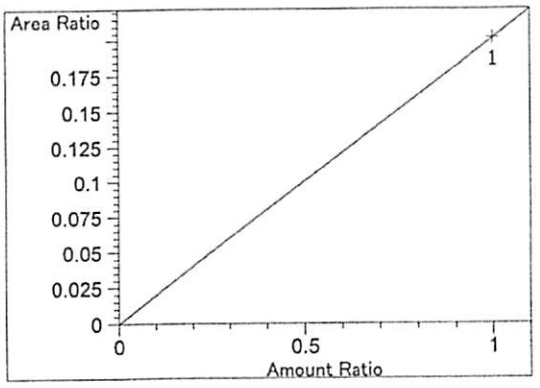


ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00128
Formula: y = mx + b
m: 1.91721
b: -1.20246e-3
x: Amount Ratio
y: Area Ratio

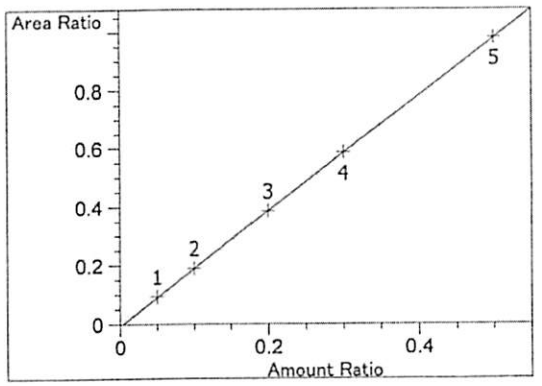


methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.49653e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

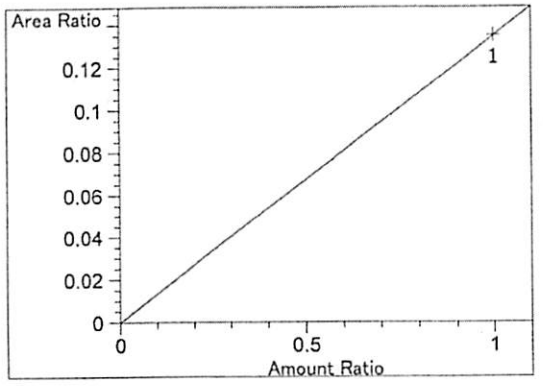
JG



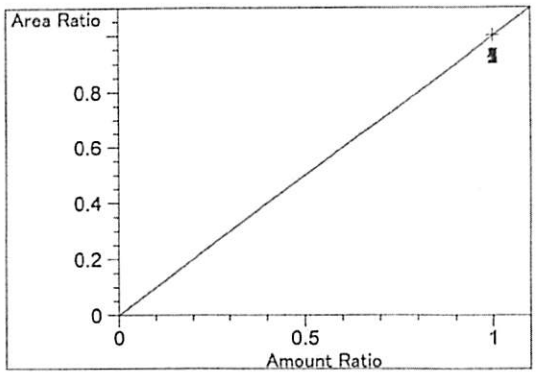
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.01973e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00169
Formula: y = mx + b
m: 1.97570
b: -7.50104e-3
x: Amount Ratio
y: Area Ratio

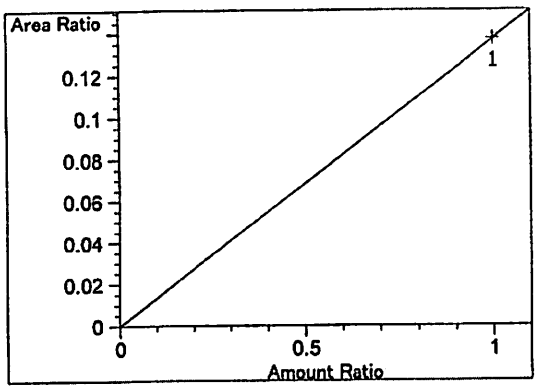


acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.34905e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

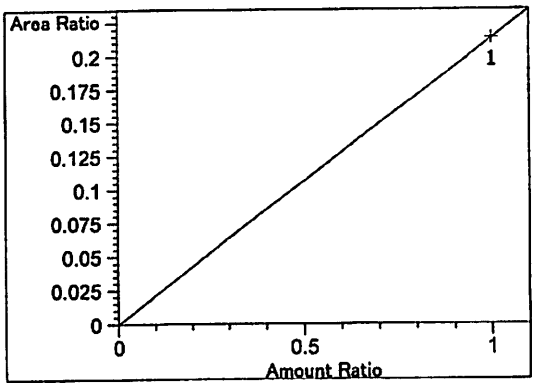


n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

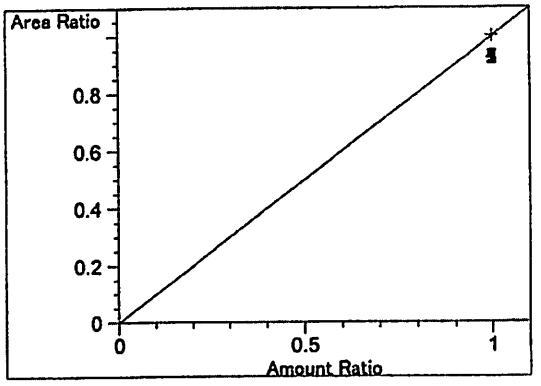
JG



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.37460e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.13507e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

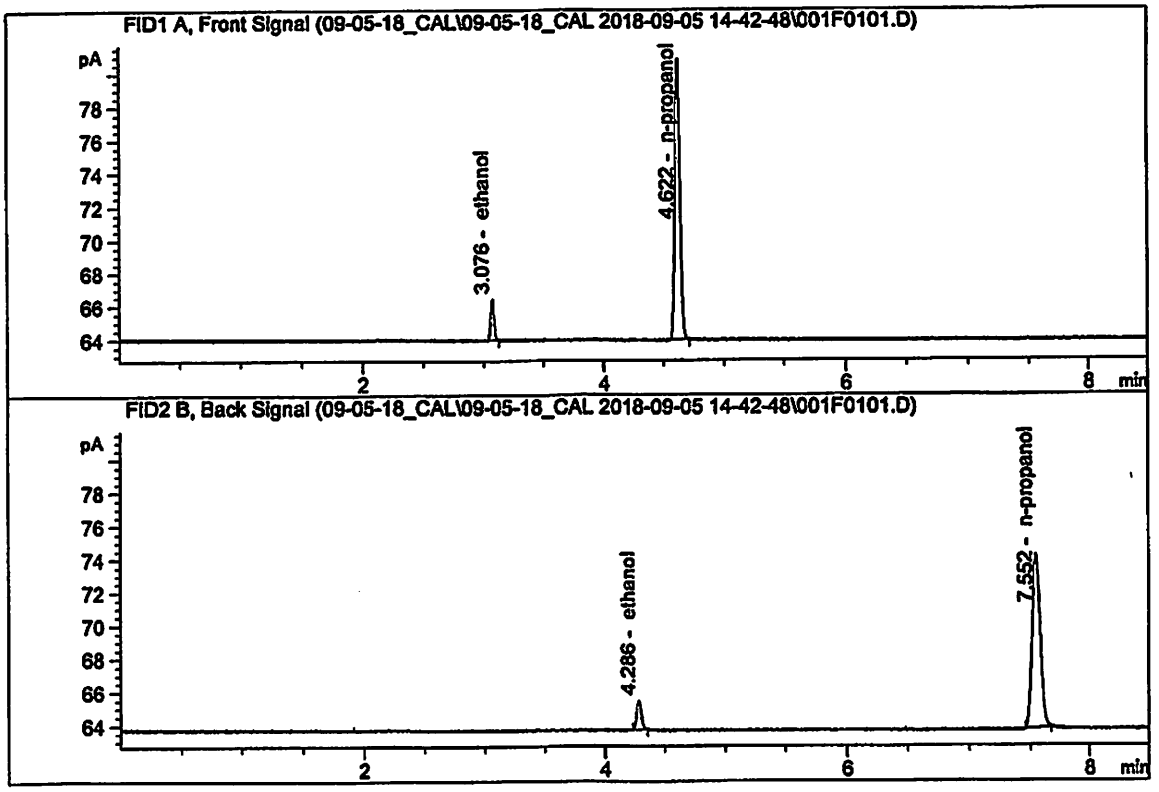


n-propanol at exp. RT: 7.550
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

ISP Forensic Services Blood Alcohol Report

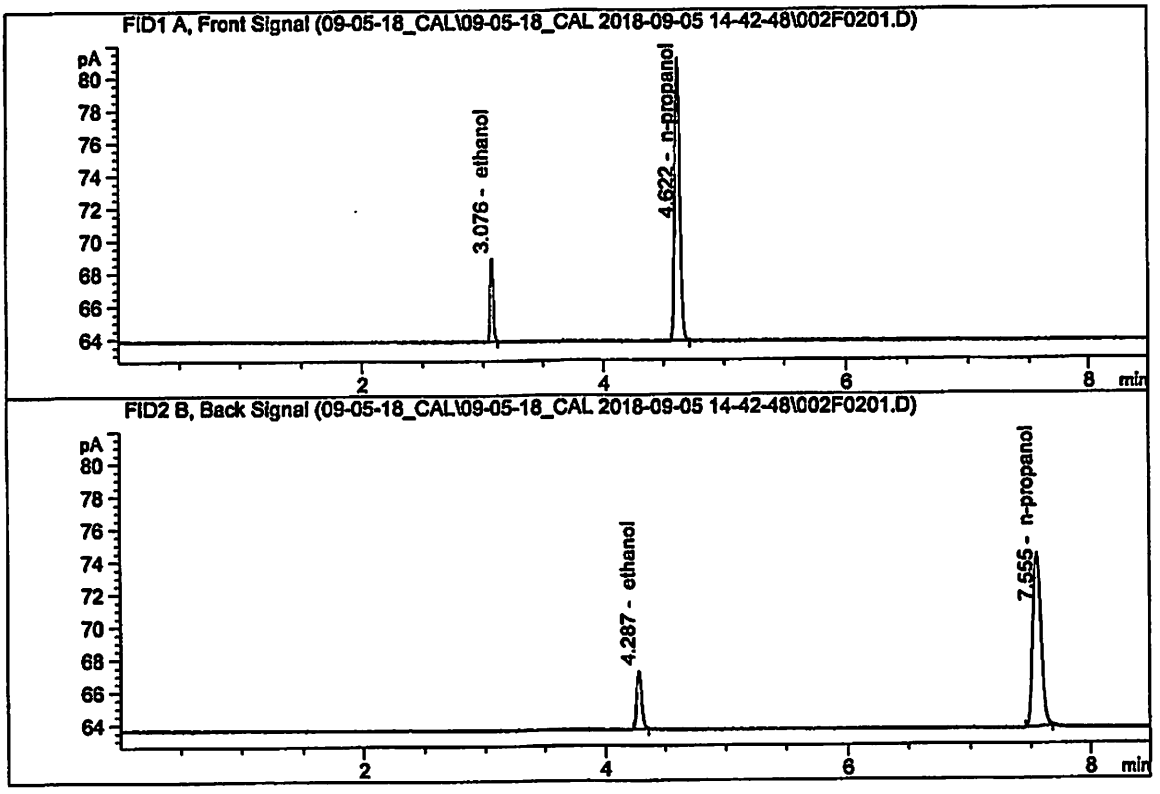
Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Sep 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.59817	0.0504	g/100cc
2.	Ethanol	Column 2:	4.66852	0.0509	g/100cc
3.	n-Propanol	Column 1:	48.17749	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.14548	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN08101601
Laboratory : Meridian
Injection Date : Sep 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

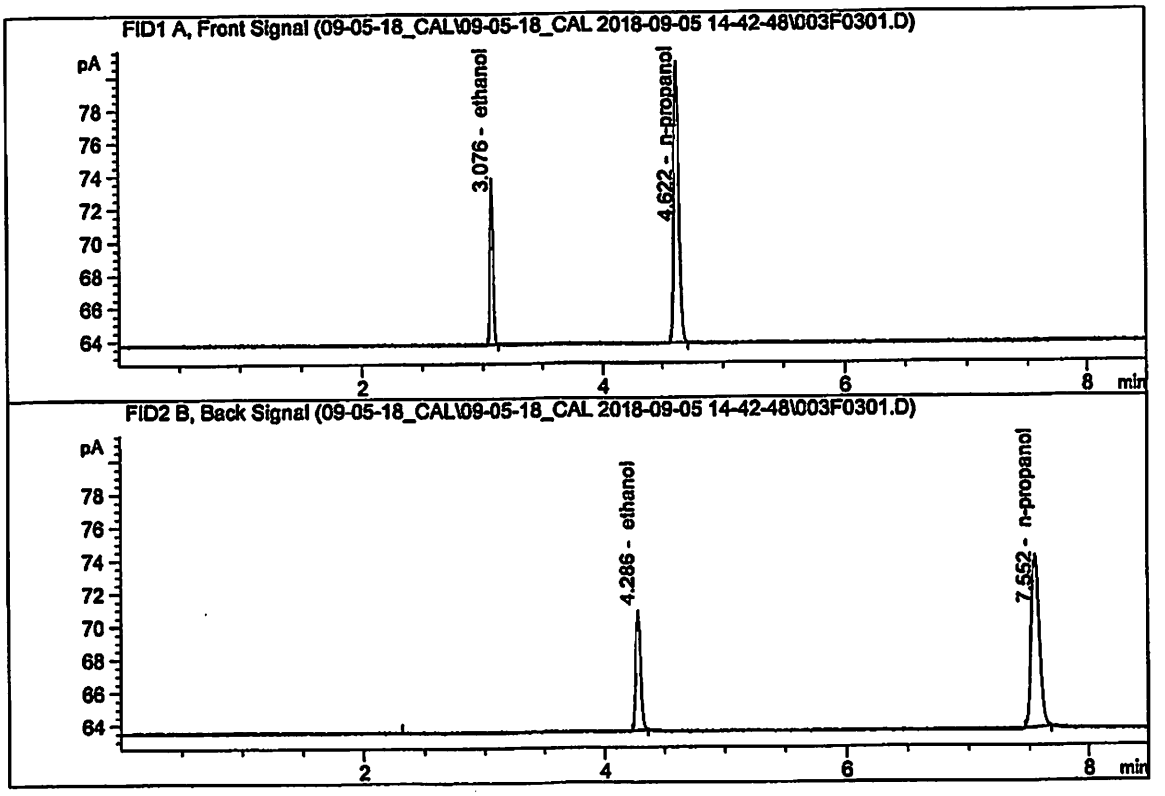


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.32346	0.0994	g/100cc
2.	Ethanol	Column 2:	9.64956	0.0997	g/100cc
3.	n-Propanol	Column 1:	49.21605	1.0000	g/100cc
4.	n-Propanol	Column 2:	50.94972	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN12011401
Laboratory : Meridian
Injection Date : Sep 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

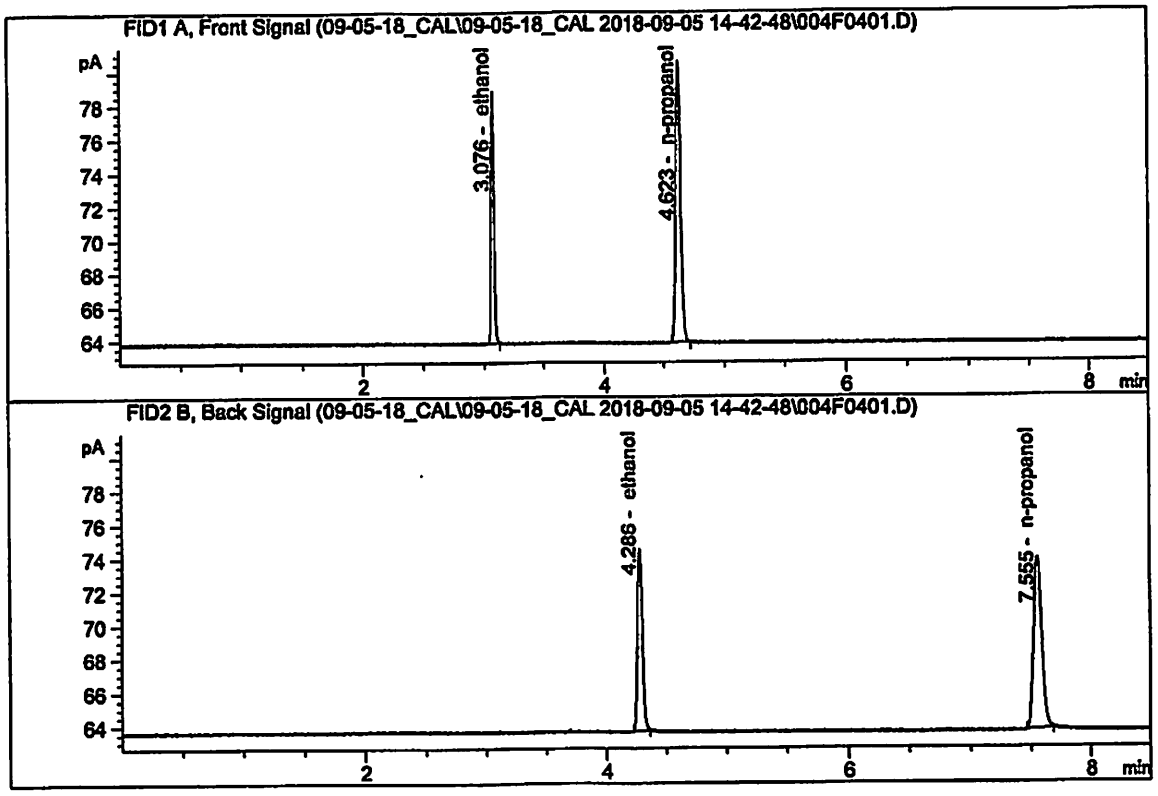


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.41389	0.1996	g/100cc
2.	Ethanol	Column 2:	19.22962	0.1989	g/100cc
3.	n-Propanol	Column 1:	48.27000	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.87467	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN02121601
Laboratory : Meridian
Injection Date : Sep 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

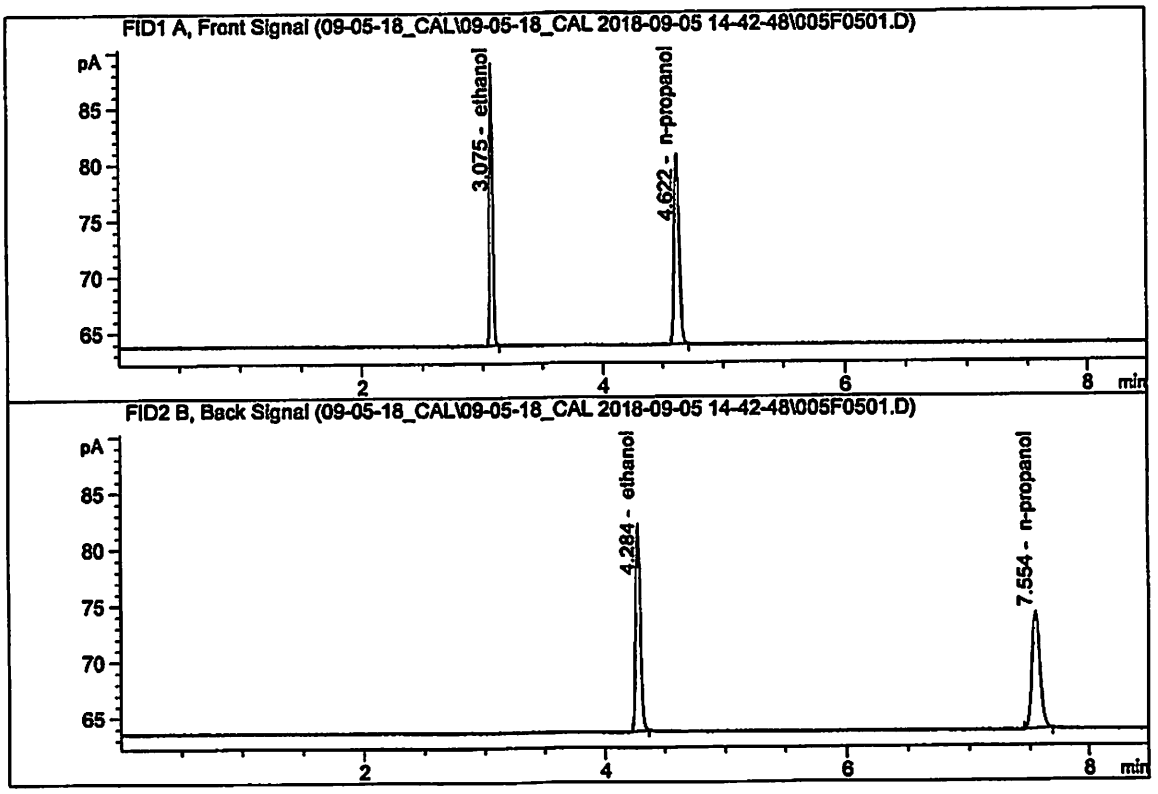


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.45264	0.3008	g/100cc
2.	Ethanol	Column 2:	28.79560	0.3002	g/100cc
3.	n-Propanol	Column 1:	47.70254	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.17295	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

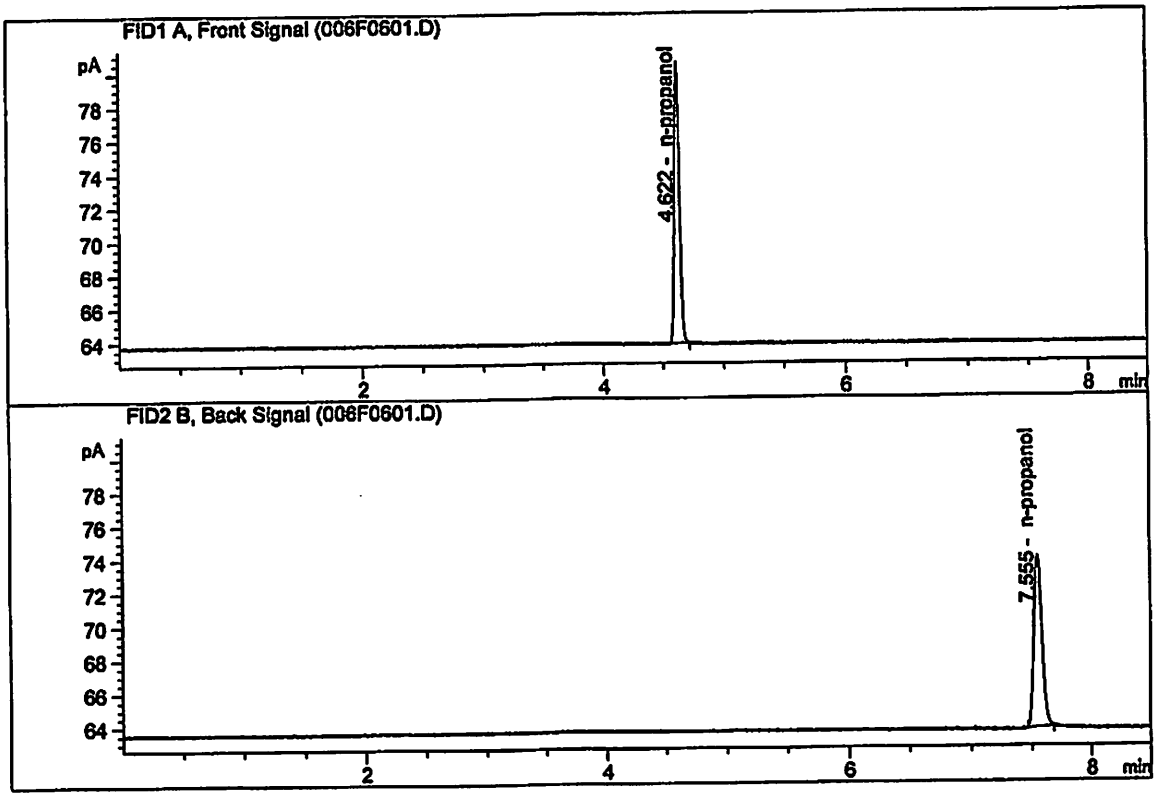
Sample Name	:	0.500 FN07031402
Laboratory	:	Meridian
Injection Date	:	Sep 5, 2018
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	46.08223	0.4997	g/100cc
2.	Ethanol	Column 2:	48.70642	0.5003	g/100cc
3.	n-Propanol	Column 1:	48.15673	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.65463	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Sep 5, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	47.67532	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.94547	1.0000	g/100cc

Sequence File C:\Chem32\1\Data\09-05-18_CAL\09-05-18_CAL 2018-09-05 14-42-48\09-05-18_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\09-05-18_CAL\09-05-18_CAL 2018-09-05 14-42-48\09-05-18_CAL.S
Data directory path: C:\Chem32\1\Data\09-05-18_CAL\09-05-18_CAL 2018-09-05 14-42-48\
Logbook: C:\Chem32\1\Data\09-05-18_CAL\09-05-18_CAL 2018-09-05 14-42-48\09-05-18_CAL.LOG
Sequence start: 9/5/2018 2:57:23 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\09-05-18_CAL\09-05-18_CAL 2018-09-05 14-42-48\ALCOHOL.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	0.050 FN06231406	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN08101601	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN12011401	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN02121601	-	1.0000	004F0401.D	*	4
5	5	1	0.500 FN07031402	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

JC