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 Dates: ~~02/27/18~~ JC 3/8/18 - 3/9/18

Calibration: 02/21/2018 JC 3/8/18

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702-0.0858	0.0767 g/100cc
					0.0811 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818-.2222	0.1983 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	**Exp date: Oct 2019**	**Lot #**	FN09231404		OK
Curve Fit:		**Column 1**	0.99998	**Column2**	0.99993

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	0.0510	0.0522	0.0012	0.0516
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.1000	0.1002	0.0002	0.1001
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1994	0.1977	0.0017	0.1985
0.300	Jun-20	FN06051501	0.300	0.270 - 0.330	0.2986	0.2979	0.0007	0.2982
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5009	0.5019	0.001	0.5014

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.078 g/100cc

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

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Worklist: 2241

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2018-0980	1	108653	Alcohol Analysis
M2018-1021	1	108842	Alcohol Analysis
M2018-1040	1	108878	Alcohol Analysis
M2018-1041	1	108879	Alcohol Analysis
M2018-1042	1	108883	Alcohol Analysis
M2018-1070	1	108988	Alcohol Analysis
M2018-1071	1	108989	Alcohol Analysis
M2018-1082	1	109065	Alcohol Analysis
M2018-1083	1	109095	Alcohol Analysis
M2018-1088	1	109190	Alcohol Analysis
M2018-1089	1	109205	Alcohol Analysis
M2018-1090	1	109220	Alcohol Analysis
M2018-1091	1	109232	Alcohol Analysis
M2018-1092	1	109233	Alcohol Analysis
M2018-1093	1	109234	Alcohol Analysis
M2018-1129	1	109367	Alcohol Analysis
P2018-0594	2	108648	Alcohol Analysis
P2018-0649	2	108939	Alcohol Analysis

Calibration Table

General Calibration Setting

Calib. Data Modified : Thursday, March 08, 2018 4:35:23 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

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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	4.64857	1.07560e-2	No	No	1	ethanol
		2	1.00000e-1	9.18670	1.08853e-2				
		3	2.00000e-1	18.59869	1.07534e-2				
		4	3.00000e-1	27.69304	1.08330e-2				
		5	5.00000e-1	46.99165	1.06402e-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	4.69779	1.06433e-2	No	No	2	ethanol
		2	1.00000e-1	9.39565	1.06432e-2				
		3	2.00000e-1	19.16974	1.04331e-2				
		4	3.00000e-1	28.87526	1.03895e-2				
		5	5.00000e-1	49.47172	1.01068e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	45.72183	2.18714e-2	No	Yes	1	n-propanol
		2	1.00000	45.39978	2.20265e-2				
		3	1.00000	45.70854	2.18777e-2				
		4	1.00000	45.33331	2.20588e-2				
		5	1.00000	45.76060	2.18529e-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	46.85756	2.13413e-2	No	Yes	2	n-propanol
		2	1.00000	46.13929	2.16735e-2				
		3	1.00000	46.32967	2.15844e-2				
		4	1.00000	45.84897	2.18107e-2				
		5	1.00000	46.26578	2.16142e-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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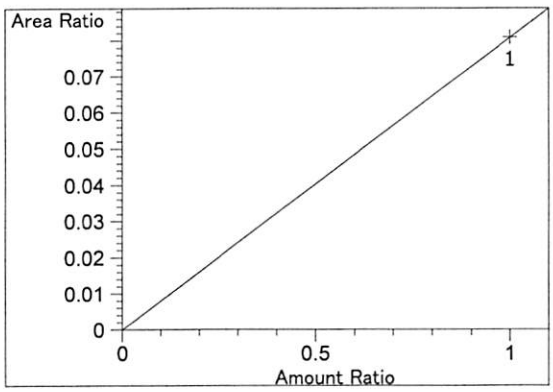
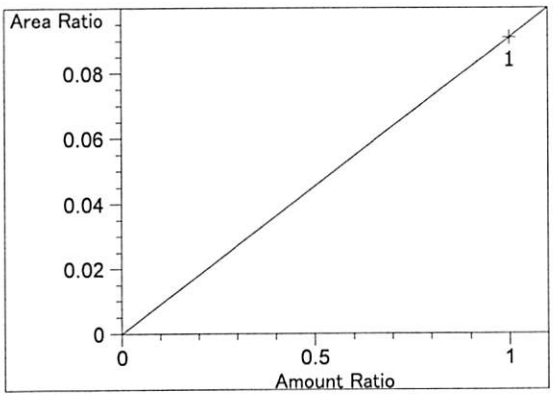
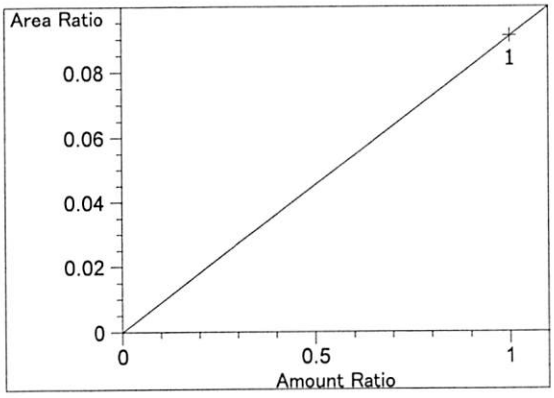


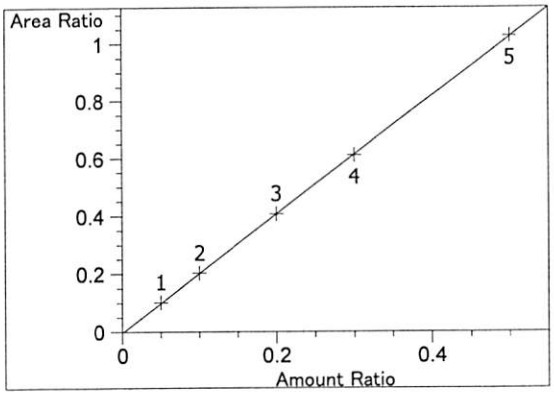
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.08519e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



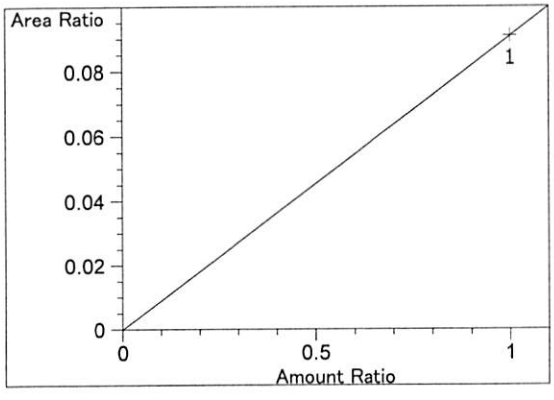
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.09352e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 9.09352e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99998
Residual Std. Dev.: 0.00240
Formula: y = mx + b
m: 2.05634
b: -3.21881e-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: 9.09272e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

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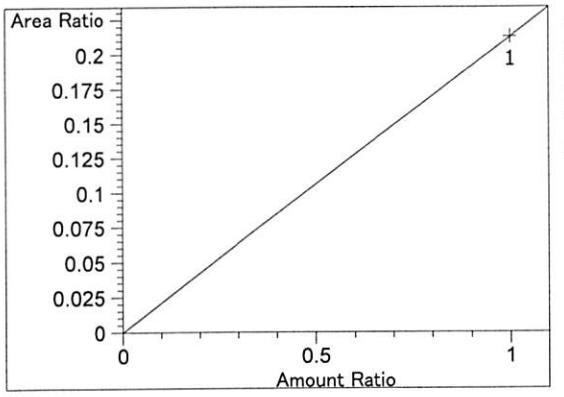
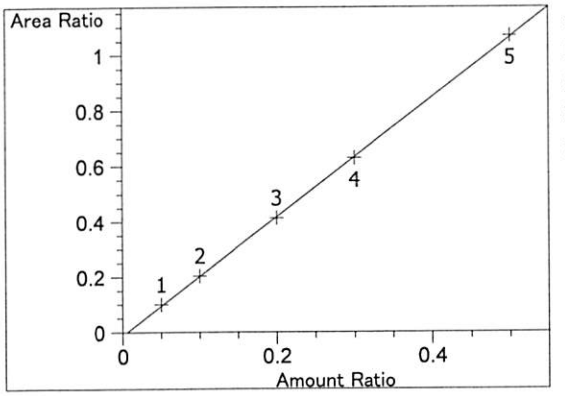
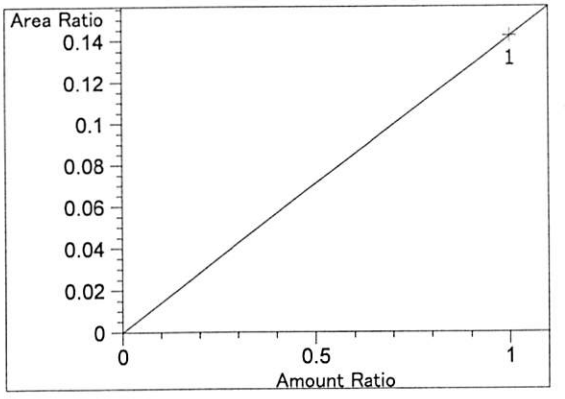


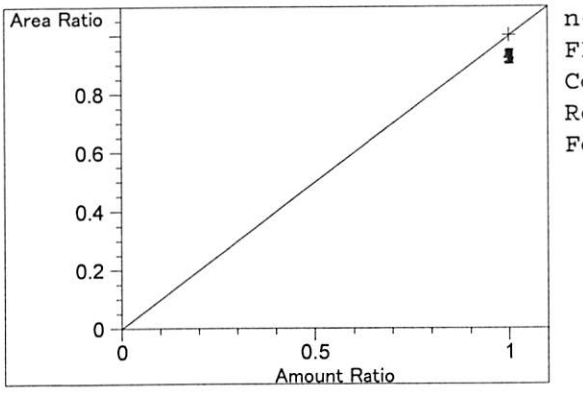
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.12821e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99993
Residual Std. Dev.: 0.00529
Formula: y = mx + b
m: 2.15518
b: -1.23415e-2
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: 1.42151e-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

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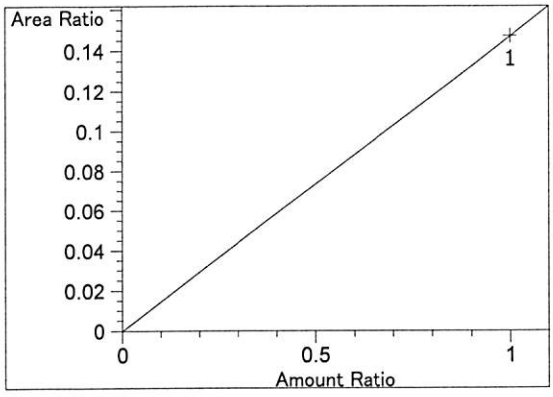
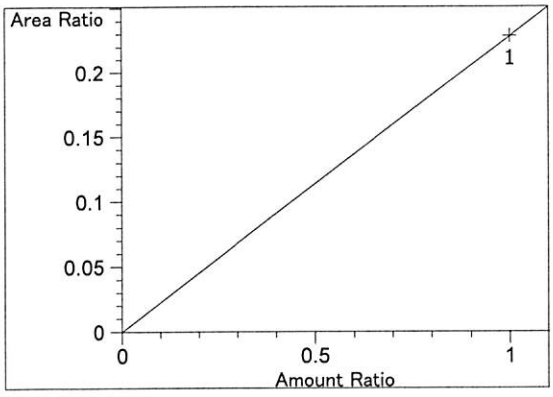
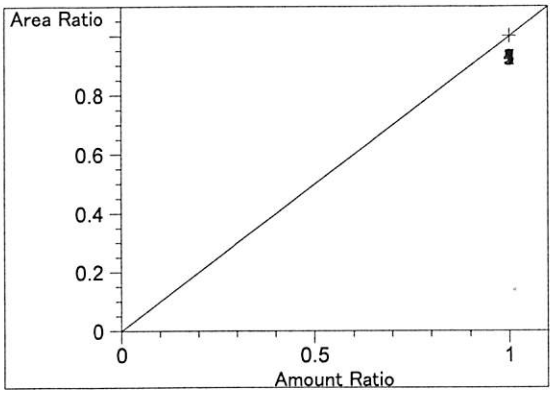


acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.47106e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.28489e-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

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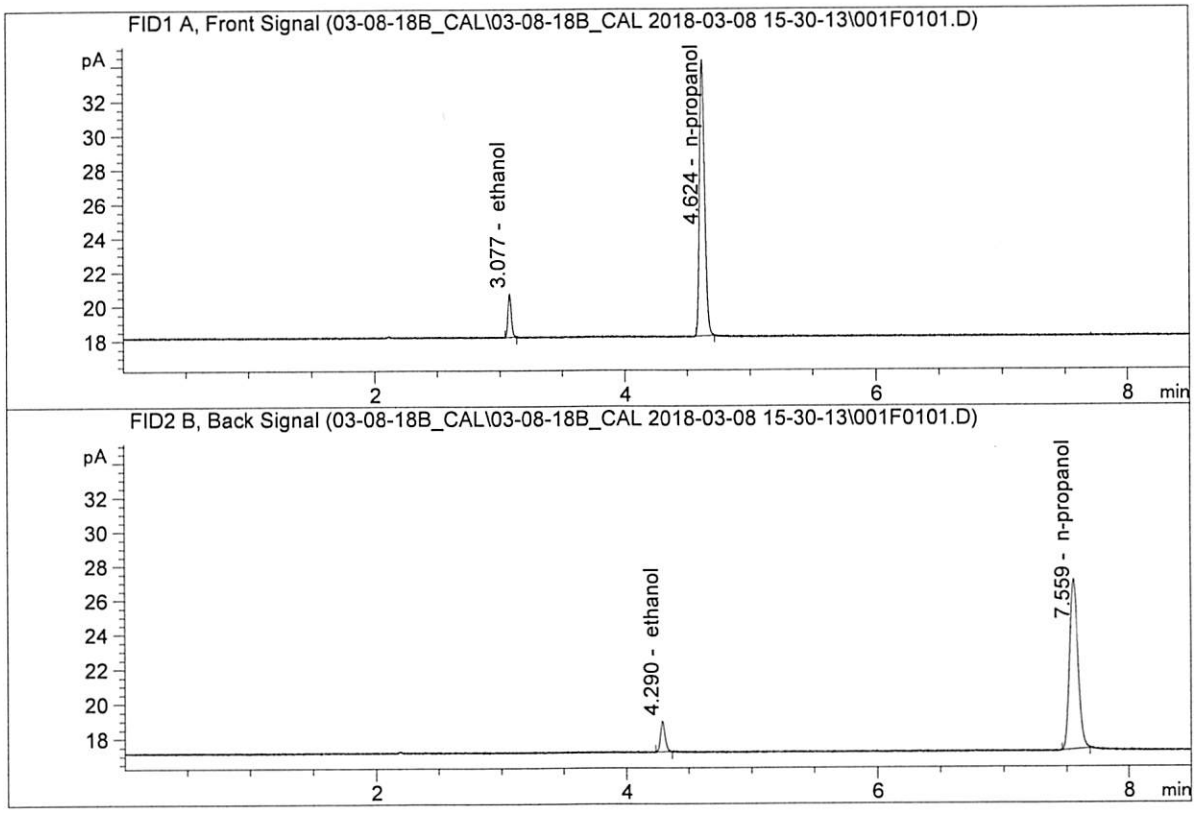
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Mar 8, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.64857	0.0510	g/100cc
2.	Ethanol	Column 2:	4.69779	0.0522	g/100cc
3.	n-Propanol	Column 1:	45.72183	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.85756	1.0000	g/100cc

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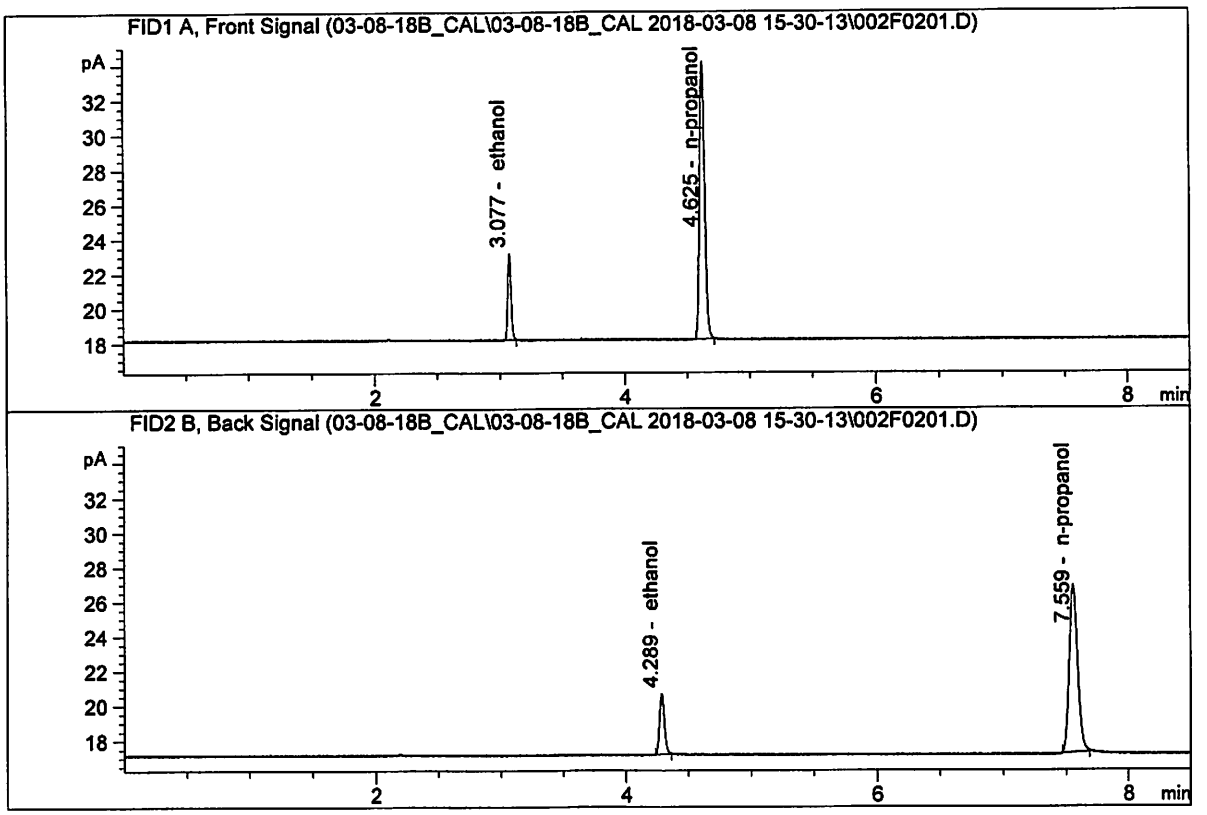
ISP Forensic Services Blood Alcohol Report

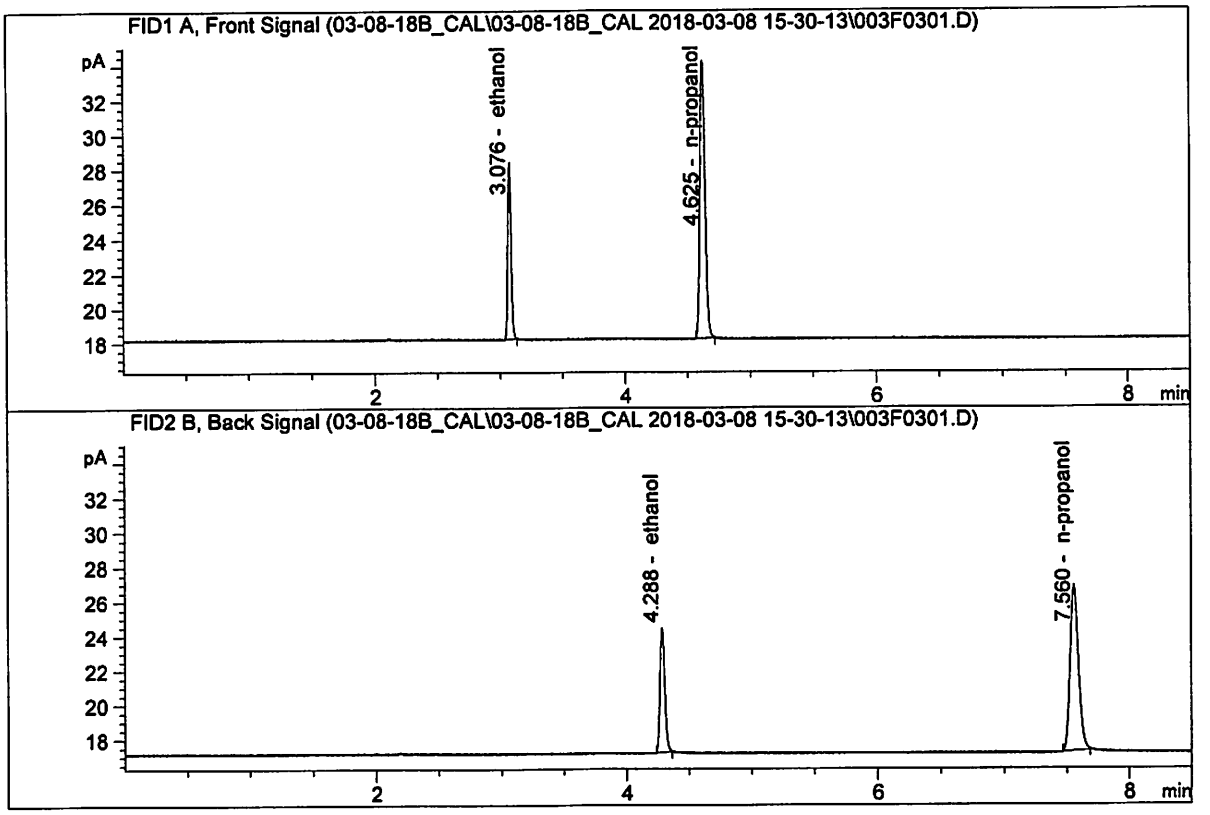
Sample Name : 0.100 FN06181501
Laboratory : Meridian
Injection Date : Mar 8, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.18670	0.1000	g/100cc
2.	Ethanol	Column 2:	9.39565	0.1002	g/100cc
3.	n-Propanol	Column 1:	45.39978	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.13929	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN12011401
Laboratory : Meridian
Injection Date : Mar 8, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.59869	0.1994	g/100cc
2.	Ethanol	Column 2:	19.16974	0.1977	g/100cc
3.	n-Propanol	Column 1:	45.70854	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.32967	1.0000	g/100cc

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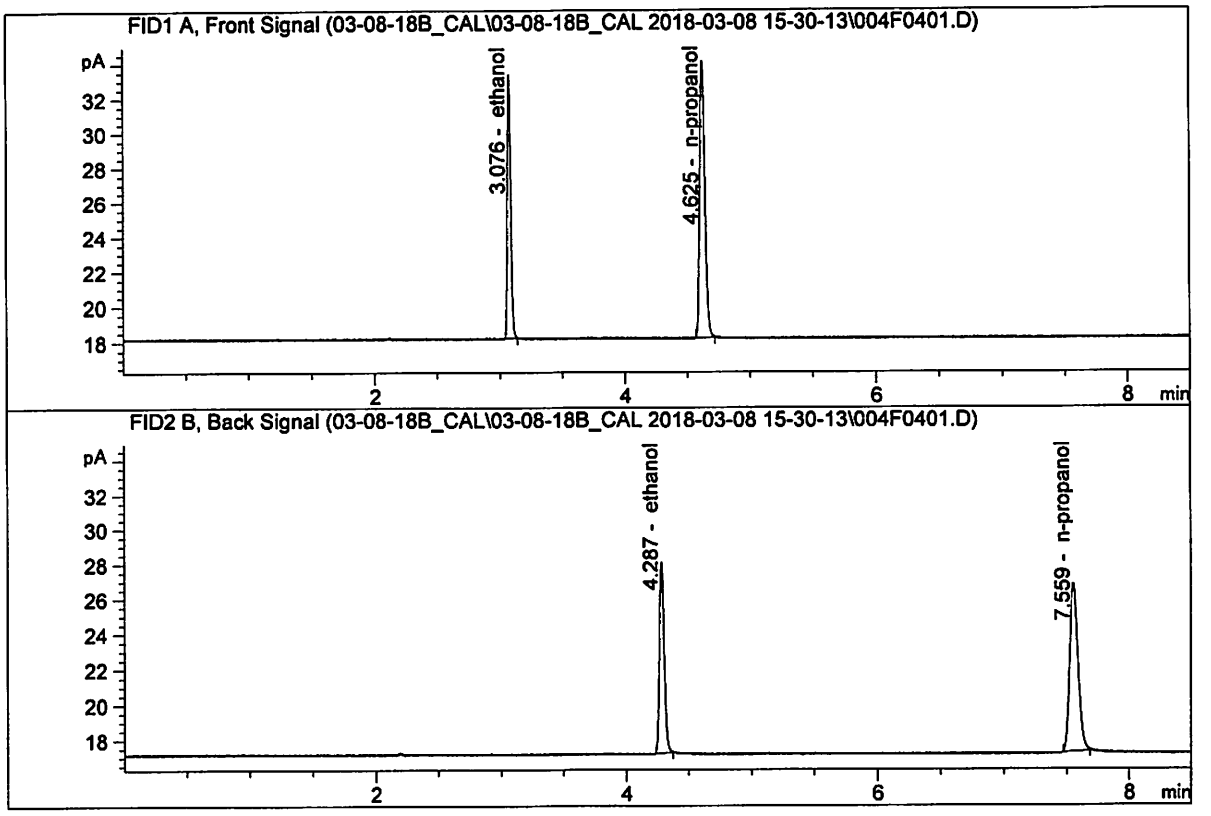
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN06051501
Laboratory : Meridian
Injection Date : Mar 8, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.69304	0.2986	g/100cc
2.	Ethanol	Column 2:	28.87526	0.2979	g/100cc
3.	n-Propanol	Column 1:	45.33331	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.84897	1.0000	g/100cc

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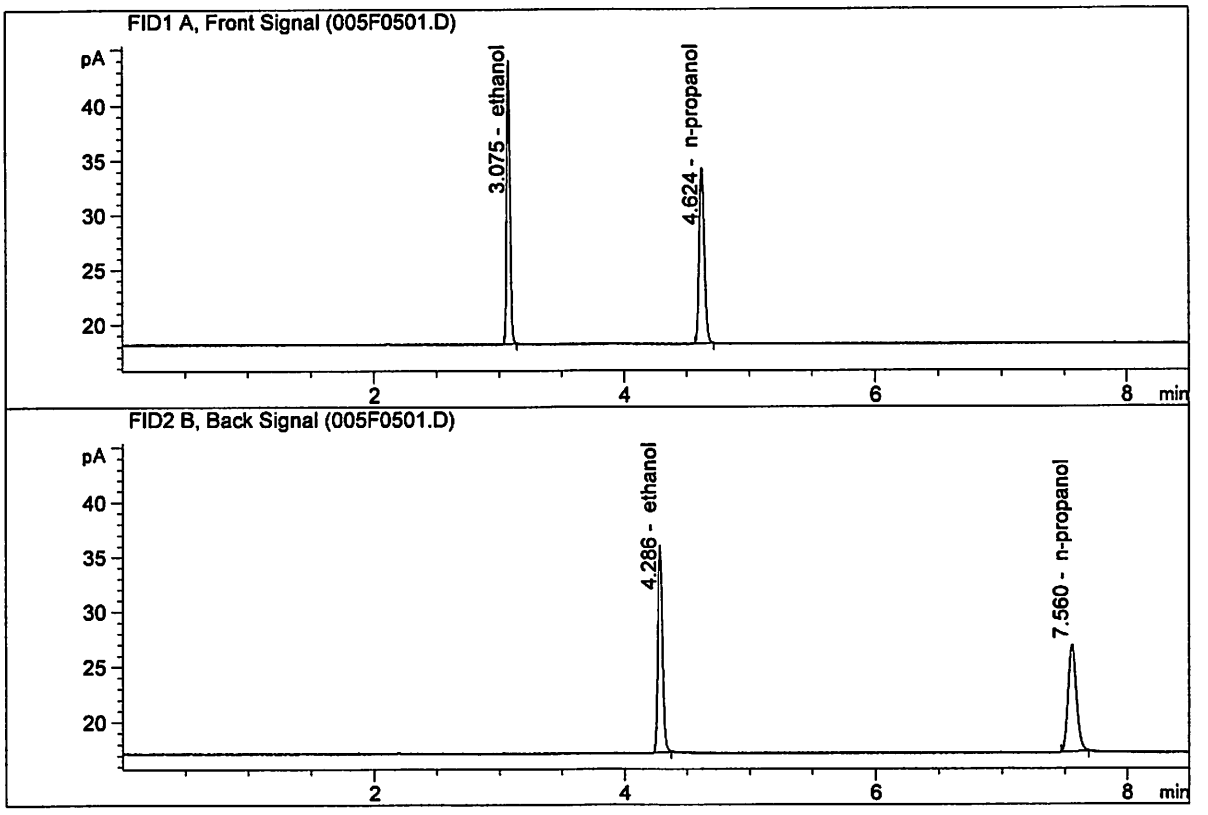
ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN07031402
Laboratory : Meridian
Injection Date : Mar 8, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	46.99165	0.5009	g/100cc
2.	Ethanol	Column 2:	49.47172	0.5019	g/100cc
3.	n-Propanol	Column 1:	45.76060	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.26578	1.0000	g/100cc

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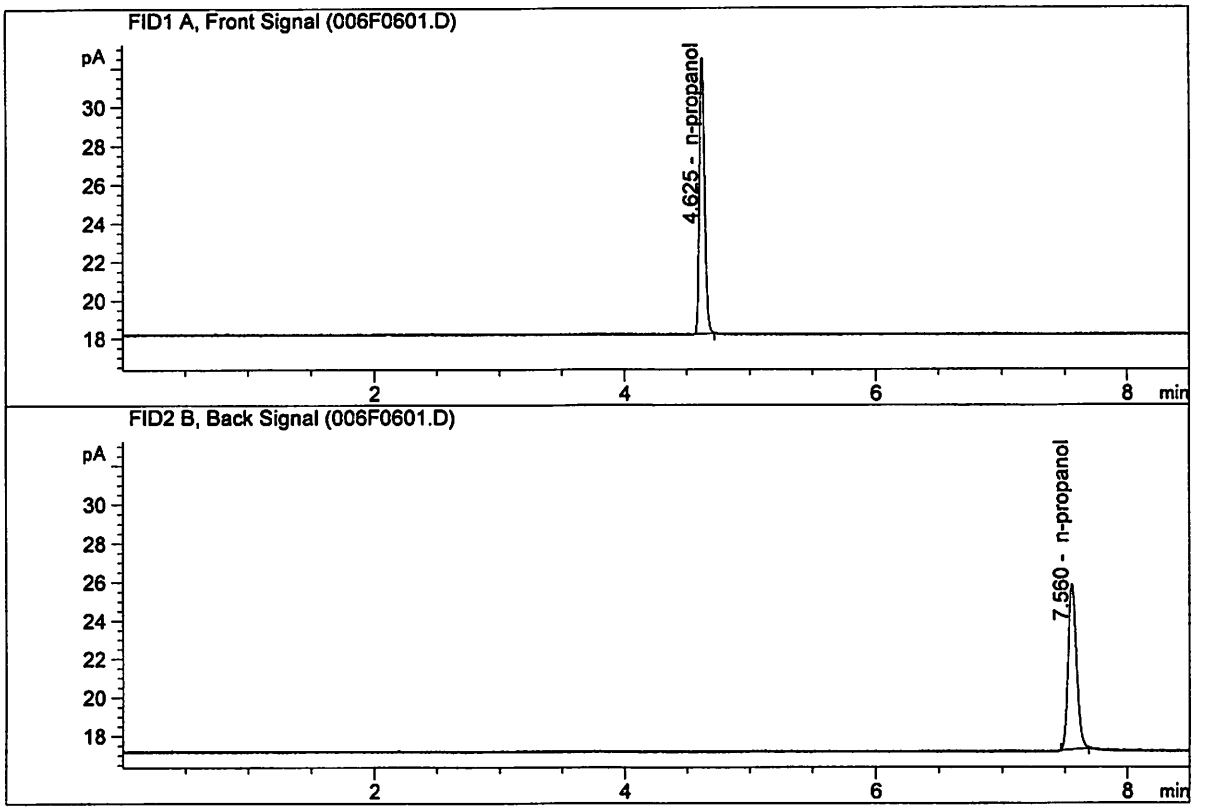
ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Mar 8, 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:	40.70309	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.00949	1.0000	g/100cc

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Sequence File C:\Chem32\...a\03-08-18B_CAL\03-08-18B_CAL 2018-03-08 15-30-13\03-08-18B_CAL.S

S a m p l e S u m m a r y

Sequence table: C:\Chem32\1\Data\03-08-18B_CAL\03-08-18B_CAL 2018-03-08 15-30-13\03-08-18_CAL.S
Data directory path: C:\Chem32\1\Data\03-08-18B_CAL\03-08-18B_CAL 2018-03-08 15-30-13\
Logbook: C:\Chem32\1\Data\03-08-18B_CAL\03-08-18B_CAL 2018-03-08 15-30-13\03-08-18_CAL.LOG
Sequence start: 3/8/2018 3:44:51 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\03-08-18B_CAL\03-08-18B_CAL 2018-03-08 15-30-13\ALCOHOL.

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 FN06181501	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN12011401	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN06051501	-	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

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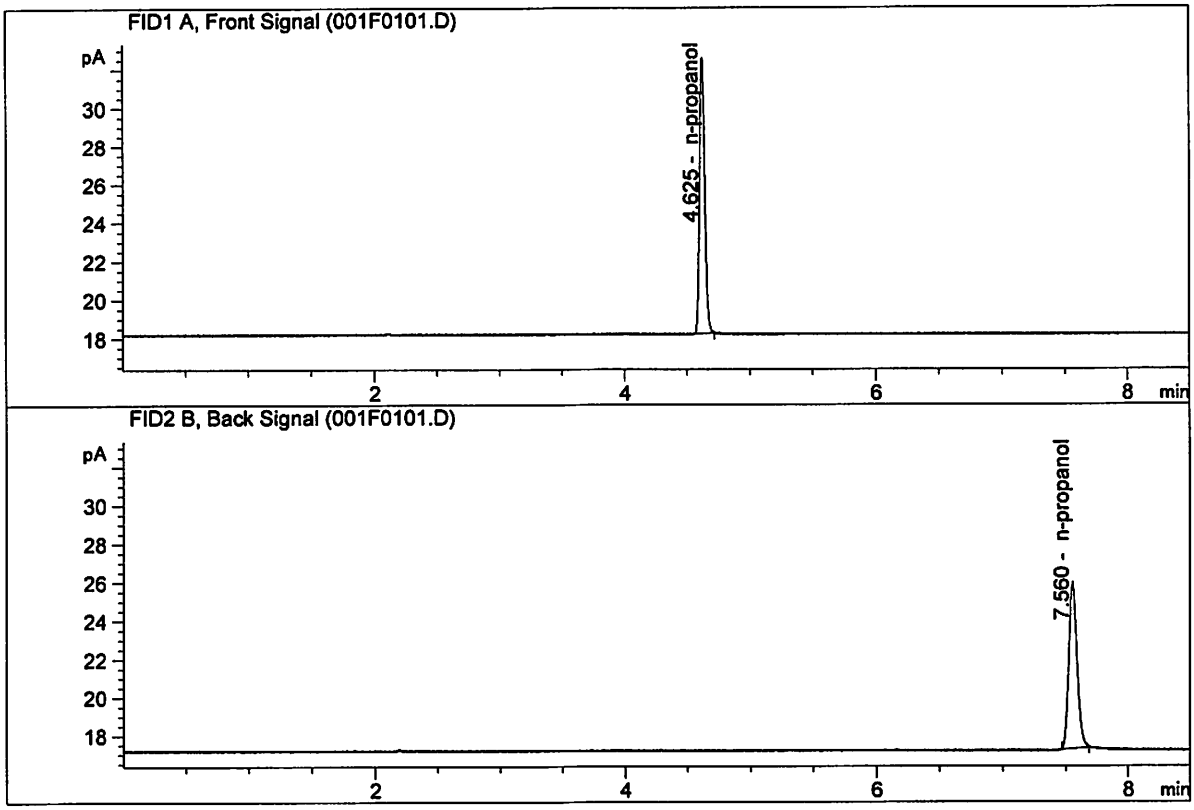
ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Mar 8, 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:	41.01427	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.70975	1.0000	g/100cc

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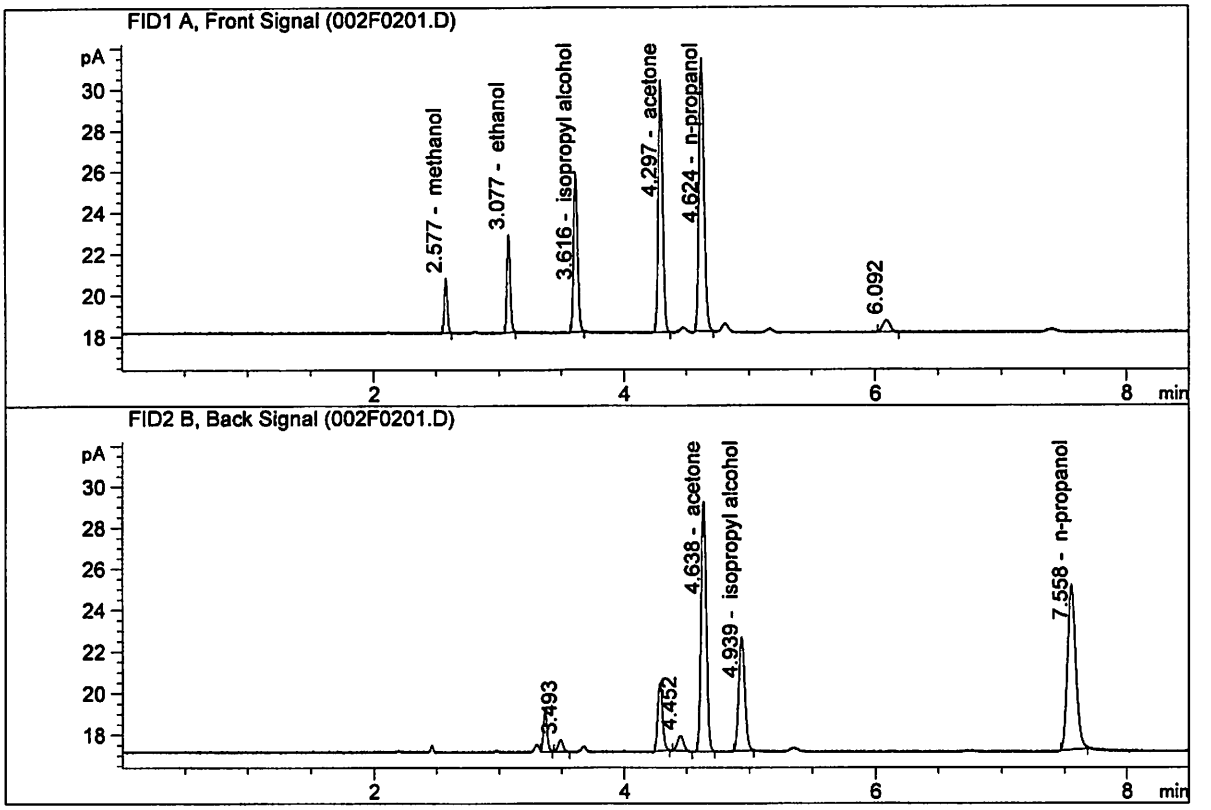
ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN09231404
Laboratory : Meridian
Injection Date : Mar 8, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.58931	0.1134	g/100cc
2.	Ethanol	Column 2:	8.66477	0.1119	g/100cc
3.	n-Propanol	Column 1:	37.36240	1.0000	g/100cc
4.	n-Propanol	Column 2:	37.88306	1.0000	g/100cc

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VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 08 Mar 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0767	0.0772	0.0005	0.0769	0.0767	
(g/100cc)	0.0760	0.0772	0.0012	0.0766		

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: MDL600HC11378

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.076	0.072	0.080	0.004

Reported Result

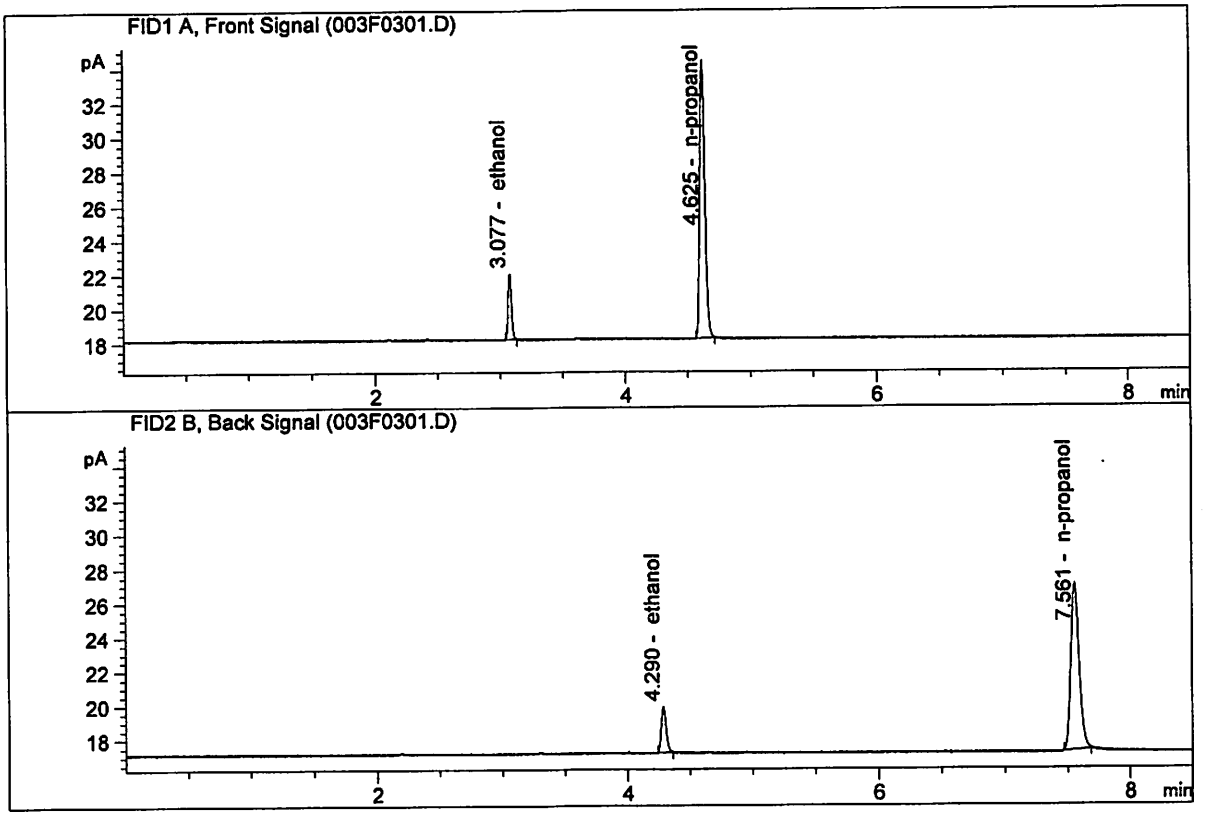
0.076

Calibration and control data are stored centrally.

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Mar 8, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

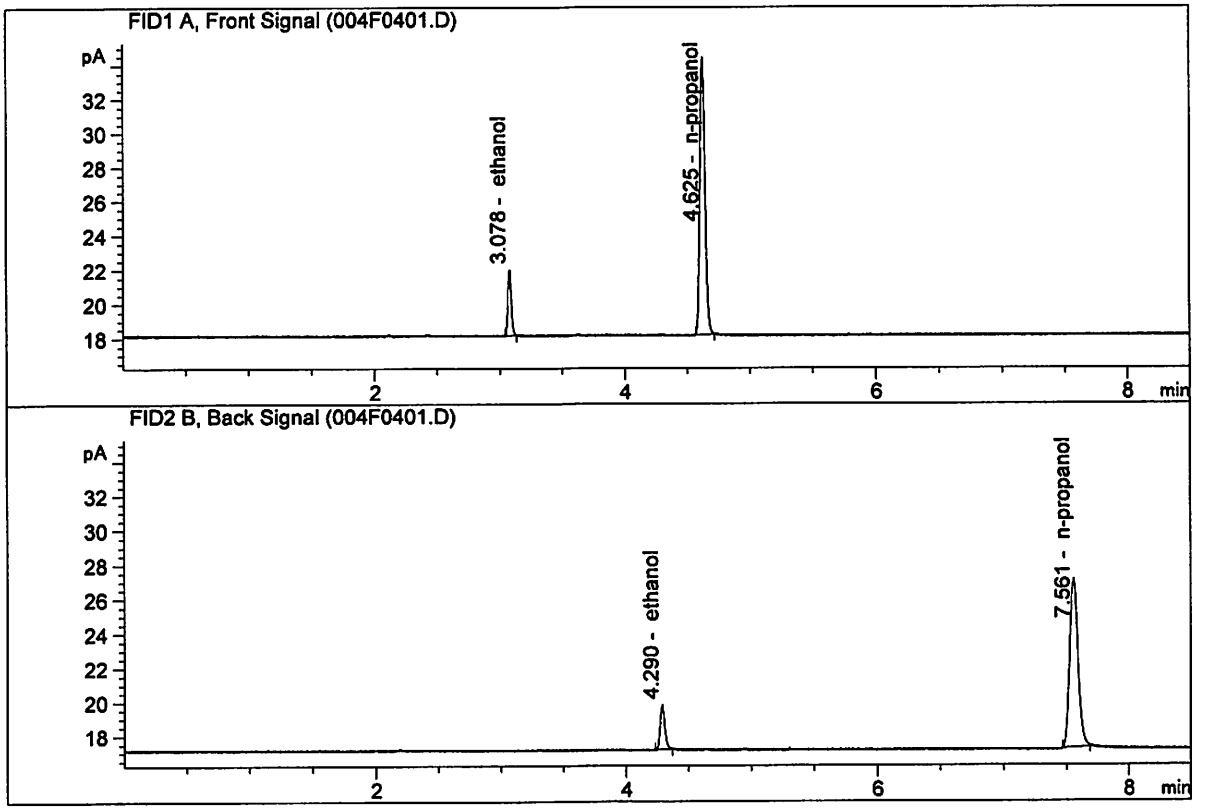


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.13032	0.0767	g/100cc
2.	Ethanol	Column 2:	7.19833	0.0772	g/100cc
3.	n-Propanol	Column 1:	46.12065	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.69993	1.0000	g/100cc

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Mar 8, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.09750	0.0760	g/100cc
2.	Ethanol	Column 2:	7.25553	0.0772	g/100cc
3.	n-Propanol	Column 1:	46.36718	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.09144	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 08 Mar 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0777	0.0781	0.0004	0.0779	0.0788	
(g/100cc)	0.0793	0.0802	0.0009	0.0797		

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: MDL600HC11378

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.078	0.074	0.082	0.004

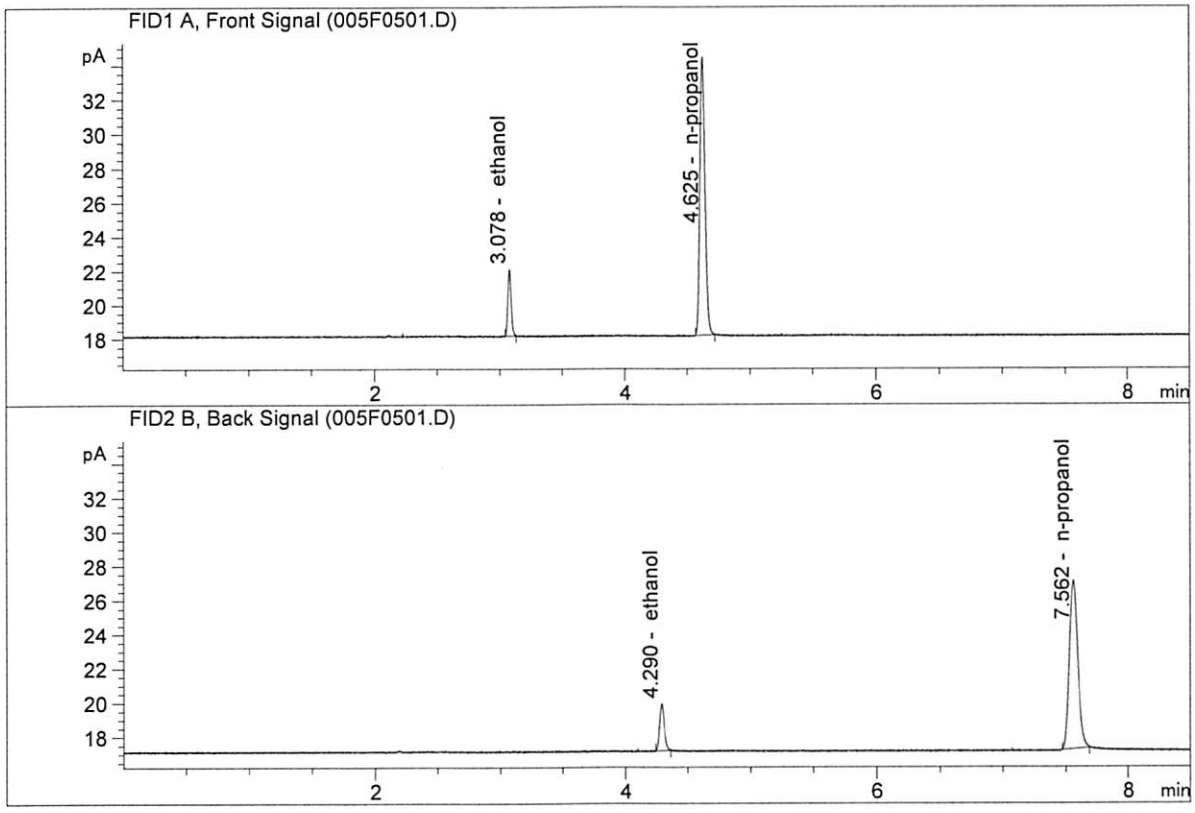
Reported Result

0.078

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

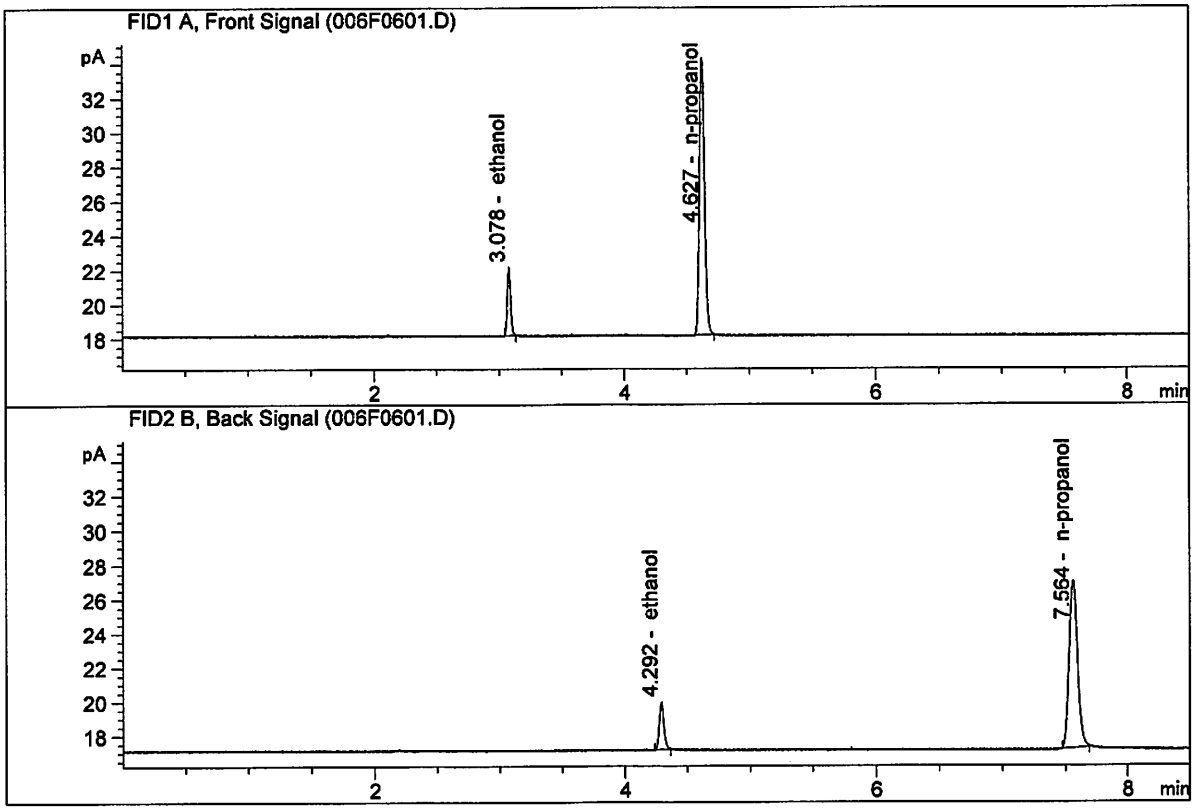
Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : Mar 8, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.26282	0.0777	g/100cc
2.	Ethanol	Column 2:	7.32758	0.0781	g/100cc
3.	n-Propanol	Column 1:	46.39098	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.98492	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : Mar 8, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.37542	0.0793	g/100cc
2.	Ethanol	Column 2:	7.49510	0.0802	g/100cc
3.	n-Propanol	Column 1:	46.12104	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.72468	1.0000	g/100cc

JG

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 08 Mar 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.1991	0.1979	0.0012	0.1985	0.1983	
(g/100cc)	0.1986	0.1978	0.0008	0.1982		

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: MDL600HC11378

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.198	0.188	0.208	0.010

Reported Result

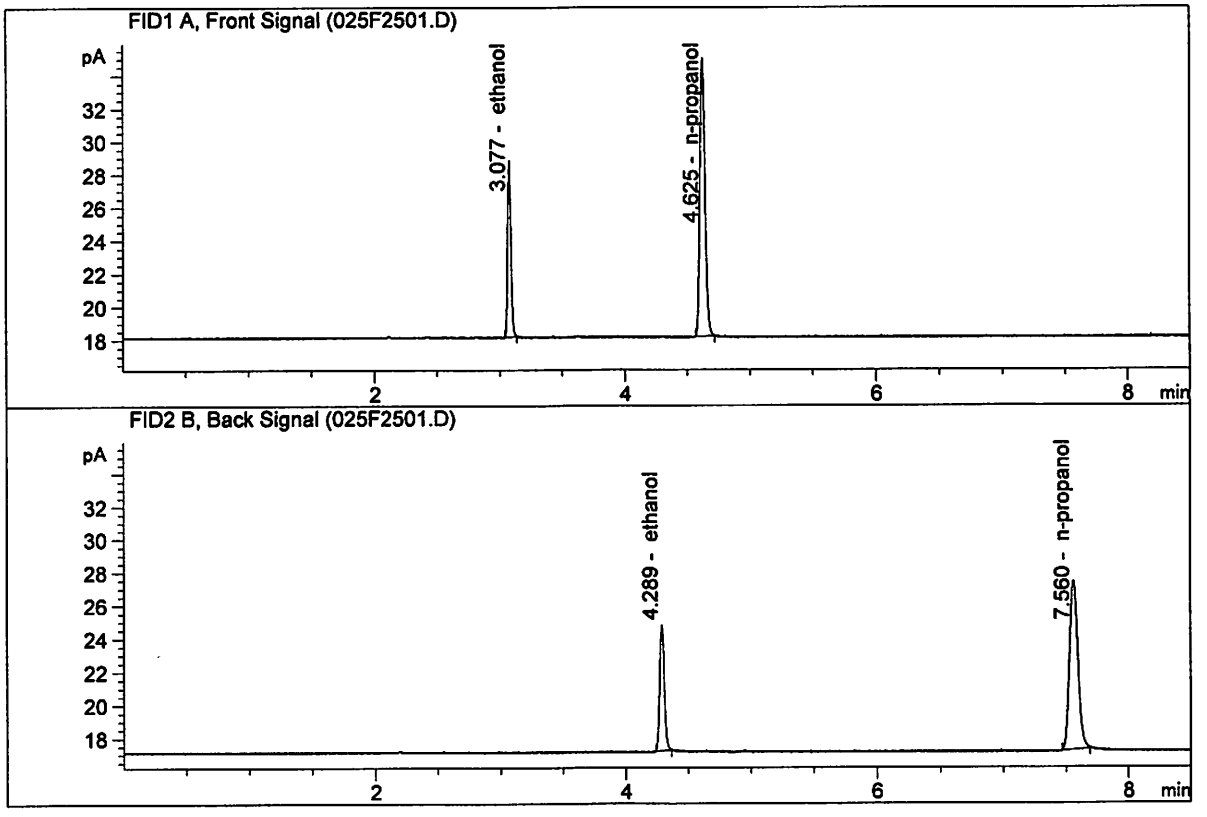
0.198

Calibration and control data are stored centrally.

JL

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Mar 8, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

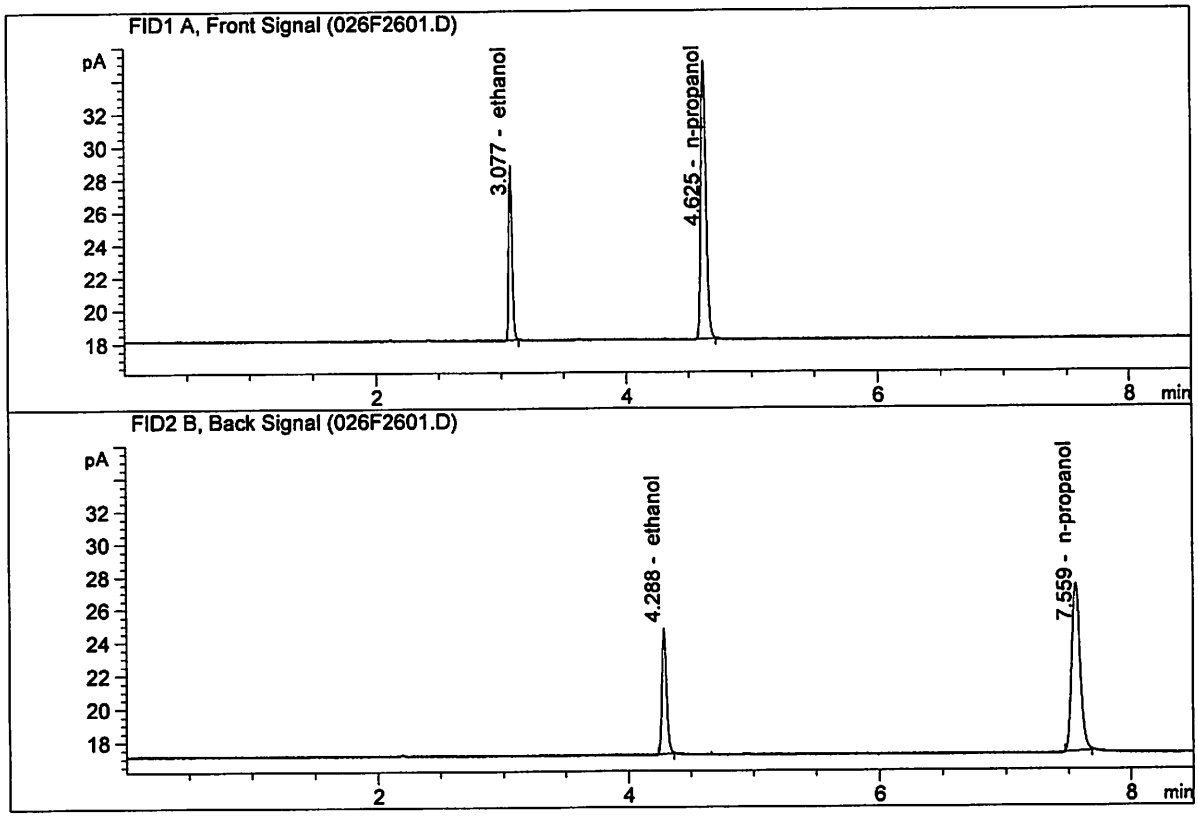


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.54334	0.1991	g/100cc
2.	Ethanol	Column 2:	20.10918	0.1979	g/100cc
3.	n-Propanol	Column 1:	48.10619	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.55083	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Mar 8, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.53725	0.1986	g/100cc
2.	Ethanol	Column 2:	20.09579	0.1978	g/100cc
3.	n-Propanol	Column 1:	48.20828	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.55593	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 09 Mar 2018**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0816	0.0820	0.0004	0.0818	0.0811	
(g/100cc)	0.0803	0.0806	0.0003	0.0804		

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: MDL600HC11378

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.081	**0.076**	**0.086**	**0.005**

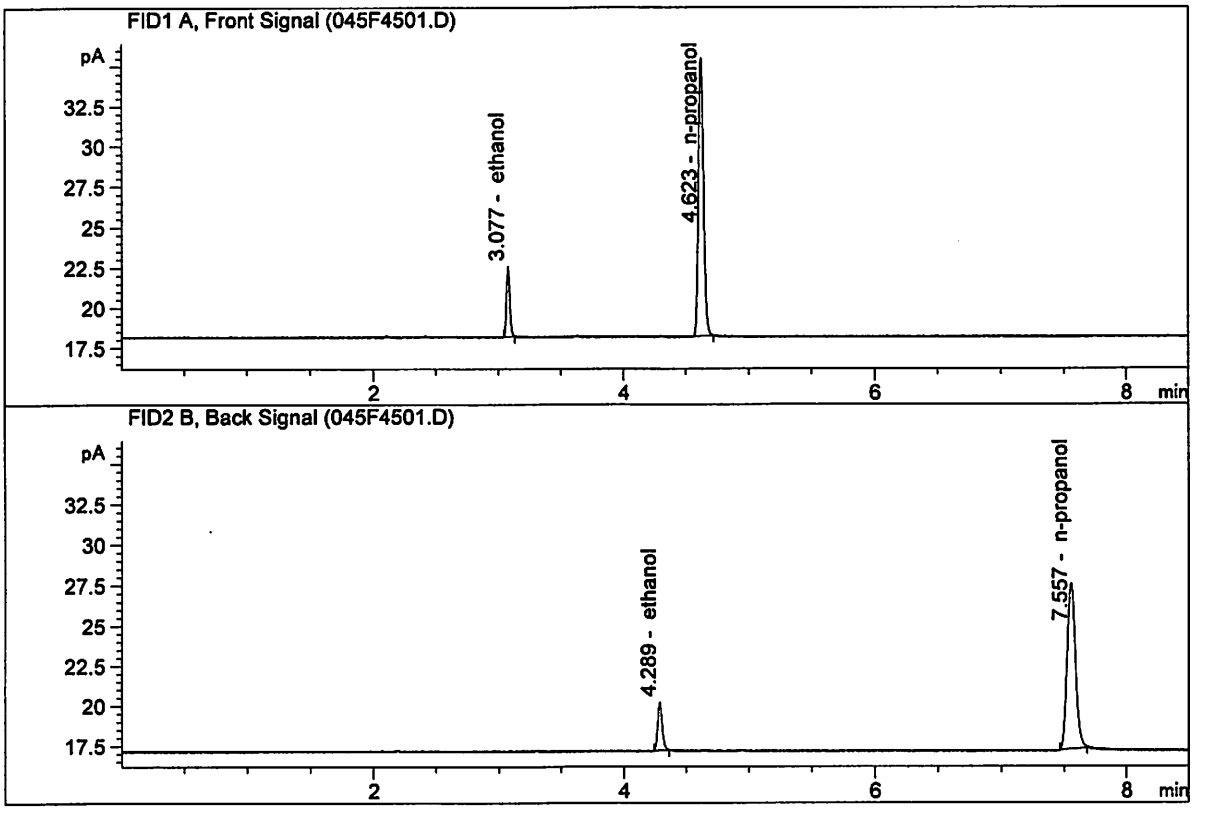
Reported Result

0.081

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Mar 9, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

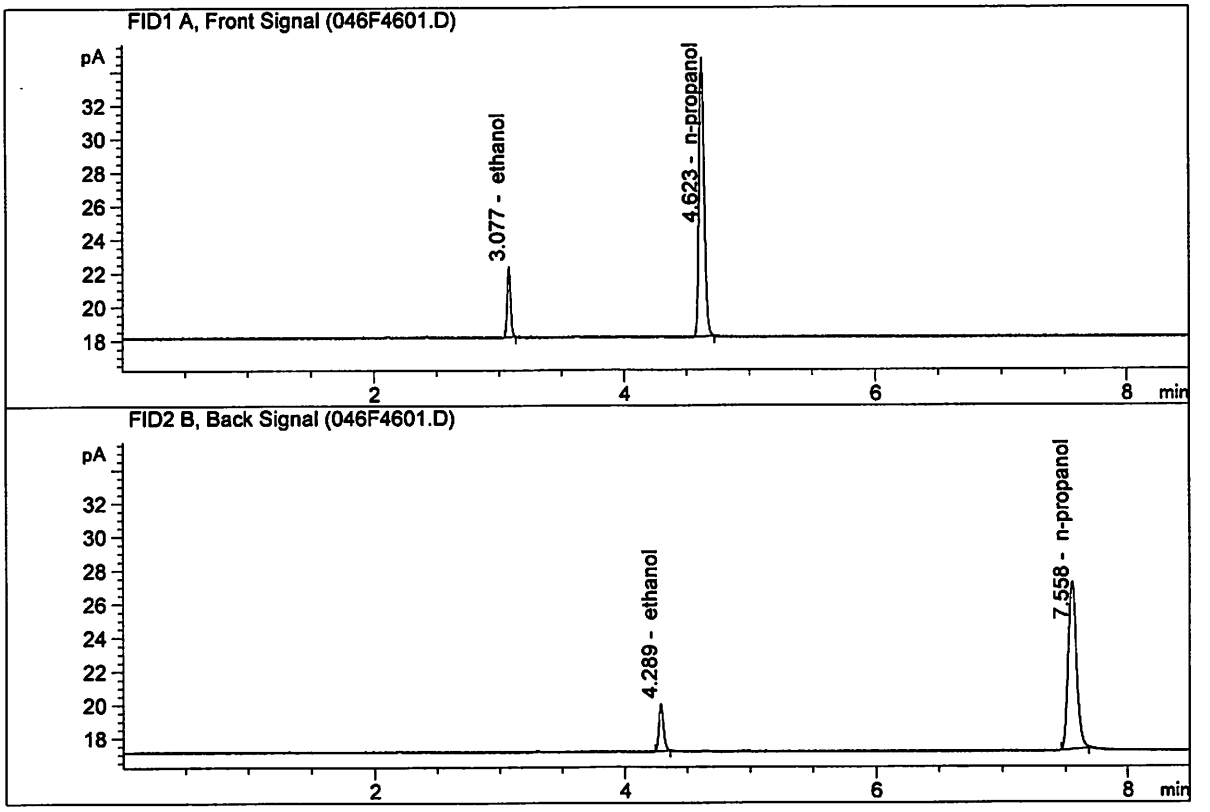


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.06052	0.0816	g/100cc
2.	Ethanol	Column 2:	8.09745	0.0820	g/100cc
3.	n-Propanol	Column 1:	48.98830	1.0000	g/100cc
4.	n-Propanol	Column 2:	49.28163	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Mar 9, 2018
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

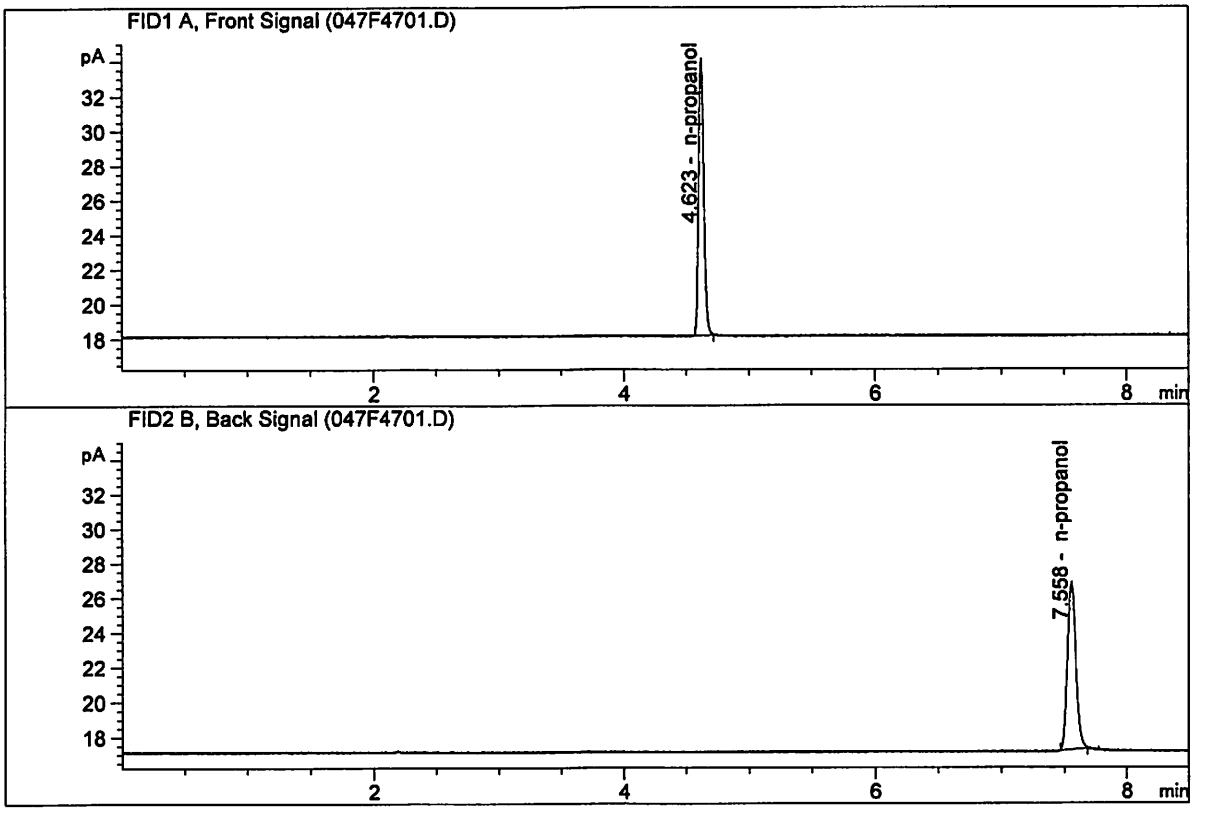


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.67358	0.0803	g/100cc
2.	Ethanol	Column 2:	7.67720	0.0806	g/100cc
3.	n-Propanol	Column 1:	47.37601	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.58657	1.0000	g/100cc

VG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Mar 9, 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:	45.62887	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.67231	1.0000	g/100cc

JC

Sample Summary

Sequence table: C:\Chem32\1\Data\03-08-18_SAMPLES\03-08-18_SAMPLES 2018-03-08 17-02-11\03 08-18_SAMPLES.S
Data directory path: C:\Chem32\1\Data\03-08-18_SAMPLES\03-08-18_SAMPLES 2018-03-08 17-02-11\
Logbook: C:\Chem32\1\Data\03-08-18_SAMPLES\03-08-18_SAMPLES 2018-03-08 17-02-11\03 08-18_SAMPLES.LOG
Sequence start: 3/8/2018 5:16:58 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\03-08-18_SAMPLES\03-08-18_SAMPLES 2018-03-08 17-02-11 \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 FN092314	-	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 FN10281510-	-	1.0000	005F0501.D	4
6	6	1	0.08 FN10281510-	-	1.0000	006F0601.D	4
7	7	1	M2018-0980-1-A	-	1.0000	007F0701.D	6
8	8	1	M2018-0980-1-B	-	1.0000	008F0801.D	6
9	9	1	M2018-1021-1-A	-	1.0000	009F0901.D	4
10	10	1	M2018-1021-1-B	-	1.0000	010F1001.D	4
11	11	1	M2018-1040-1-A	-	1.0000	011F1101.D	6
12	12	1	M2018-1040-1-B	-	1.0000	012F1201.D	6
13	13	1	M2018-1041-1-A	-	1.0000	013F1301.D	4
14	14	1	M2018-1041-1-B	-	1.0000	014F1401.D	5
15	15	1	M2018-1042-1-A	-	1.0000	015F1501.D	6
16	16	1	M2018-1042-1-B	-	1.0000	016F1601.D	6
17	17	1	M2018-1070-1-A	-	1.0000	017F1701.D	4
18	18	1	M2018-1070-1-B	-	1.0000	018F1801.D	4
19	19	1	M2018-1071-1-A	-	1.0000	019F1901.D	4
20	20	1	M2018-1071-1-B	-	1.0000	020F2001.D	4
21	21	1	M2018-1082-1-A	-	1.0000	021F2101.D	4
22	22	1	M2018-1082-1-B	-	1.0000	022F2201.D	4
23	23	1	M2018-1083-1-A	-	1.0000	023F2301.D	4
24	24	1	M2018-1083-1-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	M2018-1088-1-A	-	1.0000	027F2701.D	4
28	28	1	M2018-1088-1-B	-	1.0000	028F2801.D	4
29	29	1	M2018-1089-1-A	-	1.0000	029F2901.D	6
30	30	1	M2018-1089-1-B	-	1.0000	030F3001.D	6
31	31	1	M2018-1090-1-A	-	1.0000	031F3101.D	4
32	32	1	M2018-1090-1-B	-	1.0000	032F3201.D	4
33	33	1	M2018-1091-1-A	-	1.0000	033F3301.D	4
34	34	1	M2018-1091-1-B	-	1.0000	034F3401.D	4
35	35	1	M2018-1092-1-A	-	1.0000	035F3501.D	4
36	36	1	M2018-1092-1-B	-	1.0000	036F3601.D	4
37	37	1	M2018-1093-1-A	-	1.0000	037F3701.D	2
38	38	1	M2018-1093-1-B	-	1.0000	038F3801.D	2
39	39	1	M2018-1129-1-A	-	1.0000	039F3901.D	2
40	40	1	M2018-1129-1-B	-	1.0000	040F4001.D	2
41	41	1	P2018-0594-2-A	-	1.0000	041F4101.D	6
42	42	1	P2018-0594-2-B	-	1.0000	042F4201.D	6
43	43	1	P2018-0649-2-A	-	1.0000	043F4301.D	2

JC

Sequence File C:\Chem32\...8_SAMPLES\03-08-18_SAMPLES 2018-03-08 17-02-11\03-08-18_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
44	44	1	P2018-0649-2-B	-	1.0000	044F4401.D		2
45	45	1	QC1-2-A	-	1.0000	045F4501.D		4
46	46	1	QC1-2-B	-	1.0000	046F4601.D		4
47	47	1	INTERNAL STD BLK	-	1.0000	047F4701.D		2

Method file name: C:\Chem32\1\Data\03-08-18_SAMPLES\03-08-18_SAMPLES 2018-03-08 17-02-11 \SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
48	48	1	EMPTY	-	1.0000	048F4801.D		0