

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 503A Liquid Processor/Dilutor Serial Number: ML600HC11378

Volatiles Quality Assurance Controls

Run Date(s): 5/8/18 (new cal)

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702 - 0.0858	0.0790 g/100cc
					g/100cc
					0.2000 g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818 - 0.2222	0.2089 g/100cc
					g/100cc
Multi-Component mixture:			Exp date: Oct 2019	Lot # FN09231404	OK
Curve Fit:			Column 1	0.99998	Column 2 0.99986

Ethanol Calibration Reference Material								
Calibrator level	Expiration	Ceriliant Lot #	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
0.050	Jul-19	FN06231406	0.050	0.045 - 0.055	0.0510	0.0535	0.0025	0.0522
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.1000	0.0998	0.0002	0.0999
0.200	Apr-21	FN03301601	0.200	0.180 - 0.220	0.1982	0.1964	0.0018	0.1973
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.3004	0.2979	0.0025	0.2991
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Sep-21	FN08031602	0.500	0.450 - 0.550	0.5004	0.5024	0.002	0.5014

Aqueous Controls					
Control level	Expiration	Ceriliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.081 g/100cc

KB

Issued: 4/22/2015

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

The cases/QC/QC in this batch were extracted using Hamilton Microlab 600 Series Liquid Processor/Dilutor Serial Number: ML600HC11378. The "VOLATILES DETERMINATION CASEFILE WORKSHEET" for all samples need to reflect this serial number and NOT MD96BC1382/MD94AM10010.



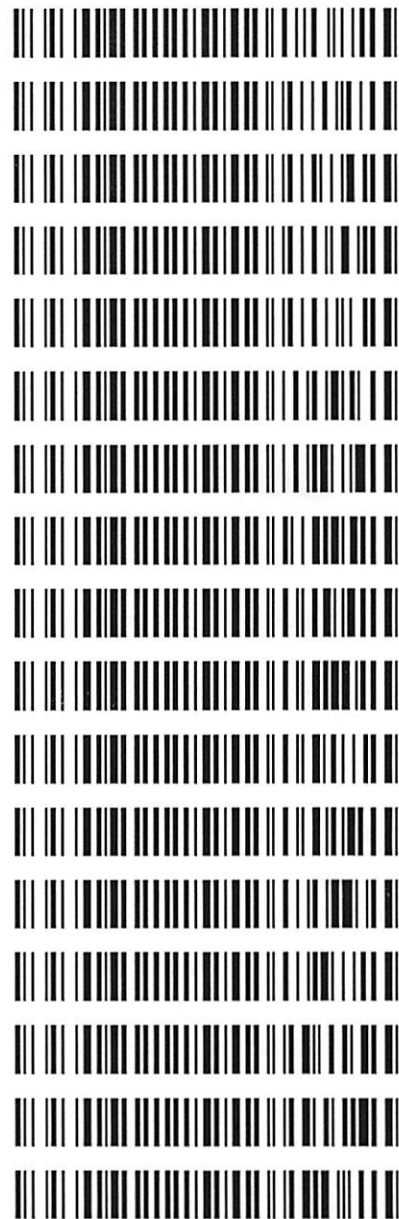
Melissa (Nikka) Bradley

Forensic Scientist

6/1/18

Worklist: 2386

<u>LAB CASE</u>	<u>ITEM</u>	<u>TASK ID</u>	<u>DESCRIPTION</u>
M2018-2222	1	114392	Alcohol Analysis
M2018-2245	1	114701	Alcohol Analysis
M2018-2246	1	114702	Alcohol Analysis
M2018-2247	1	114703	Alcohol Analysis
M2018-2248	1	114707	Alcohol Analysis
M2018-2277	1	114861	Alcohol Analysis
M2018-2278	1	114862	Alcohol Analysis
M2018-2284	1	114906	Alcohol Analysis
M2018-2300	1	114956	Alcohol Analysis
M2018-2301	1	114960	Alcohol Analysis
M2018-2302	1	114964	Alcohol Analysis
M2018-2303	1	114965	Alcohol Analysis
M2018-2348	1	115021	Alcohol Analysis
M2018-2349	1	115025	Alcohol Analysis
M2018-2360	1	115090	Alcohol Analysis
M2018-2361	1	115096	Alcohol Analysis
M2018-2366	1	115108	Alcohol Analysis



NB

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Calibration Table
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General Calibration Setting

Calib. Data Modified : Tuesday, May 08, 2018 12:49:36 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

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	4.44724	1.12429e-2	No	No 1	ethanol
		2	1.00000e-1	9.16991	1.09052e-2			
		3	2.00000e-1	18.11083	1.10431e-2			
		4	3.00000e-1	27.57201	1.08806e-2			
		5	5.00000e-1	45.68967	1.09434e-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	4.55425	1.09788e-2	No	No 2	ethanol
		2	1.00000e-1	9.35811	1.06859e-2			
		3	2.00000e-1	18.70964	1.06897e-2			
		4	3.00000e-1	28.70420	1.04514e-2			
		5	5.00000e-1	48.13057	1.03884e-2			
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No 1	acetone
4.620	1	1	1.00000	45.16848	2.21393e-2	No	Yes 1	n-propanol
		2	1.00000	46.49553	2.15074e-2			
		3	1.00000	45.85988	2.18056e-2			
		4	1.00000	45.89345	2.17896e-2			
		5	1.00000	45.51768	2.19695e-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	46.58493	2.14662e-2	No	Yes 2	n-propanol
		2	1.00000	47.94036	2.08593e-2			
		3	1.00000	46.89877	2.13225e-2			
		4	1.00000	46.82684	2.13553e-2			
		5	1.00000	46.09785	2.16930e-2			

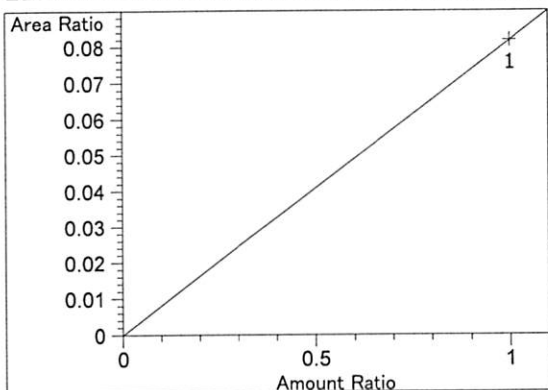
Peak Sum Table

No Entries in table

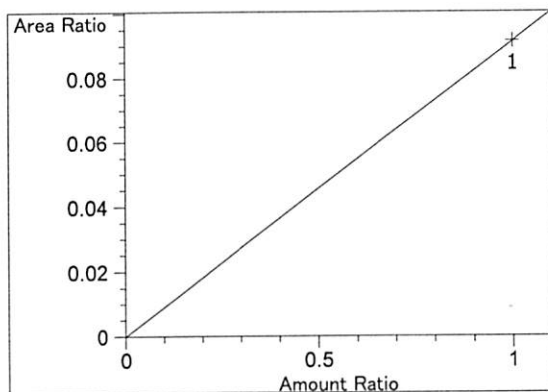
51 Warnings or Errors (10 first messages follow) :

- Warning : Curve requires more calibration points., (methanol)
- Warning : Curve requires more calibration points. at 2.586 min, signal 1
- Warning : Curve requires more calibration points. at 2.809 min, signal 1
- Warning : Curve requires more calibration points. at 2.977 min, signal 2
- Warning : Curve requires more calibration points. at 3.388 min, signal 2
- Warning : Curve requires more calibration points. at 3.628 min, signal 1
- Warning : Curve requires more calibration points. at 4.308 min, signal 1
- Warning : Curve requires more calibration points. at 4.62 min, signal 1
- Warning : Curve requires more calibration points. at 4.661 min, signal 2
- Warning : Curve requires more calibration points. at 4.969 min, signal 2

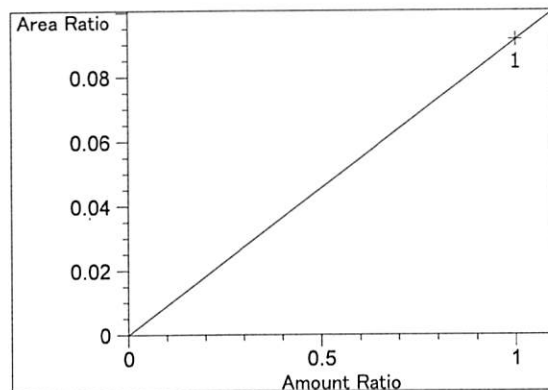
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 Calibration Curves
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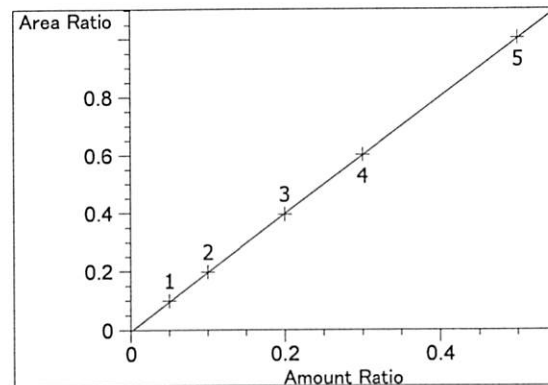
methanol at exp. RT: 2.586
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 8.18424e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio



Acetaldehyde at exp. RT: 2.809
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 9.14674e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

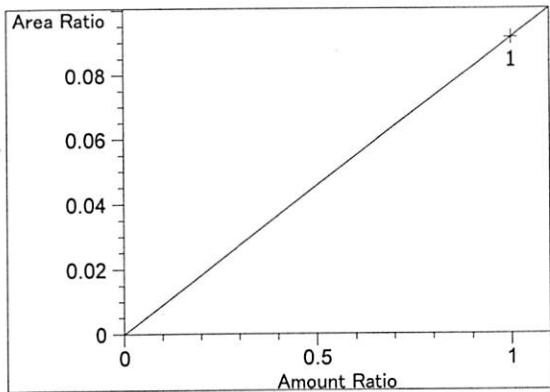


Acetaldehyde at exp. RT: 2.977
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 9.14674e-2
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

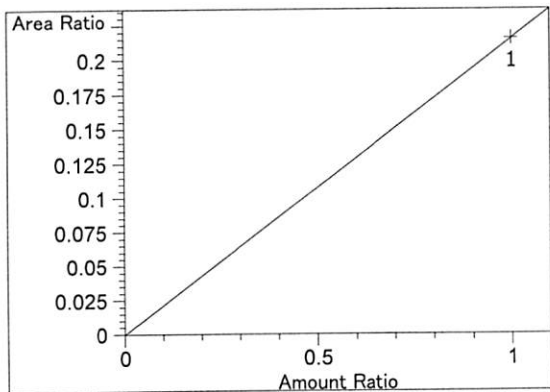


ethanol at exp. RT: 3.075
 FID1 A, Front Signal
 Correlation: 0.99998
 Residual Std. Dev.: 0.00251
 Formula: $y = mx + b$
 m: 2.01458
 b: -4.32156e-3
 x: Amount Ratio
 y: Area Ratio

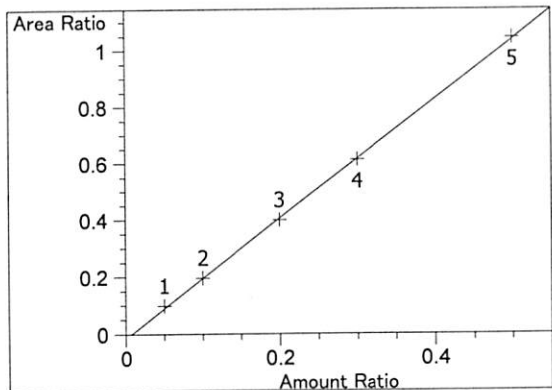
NB



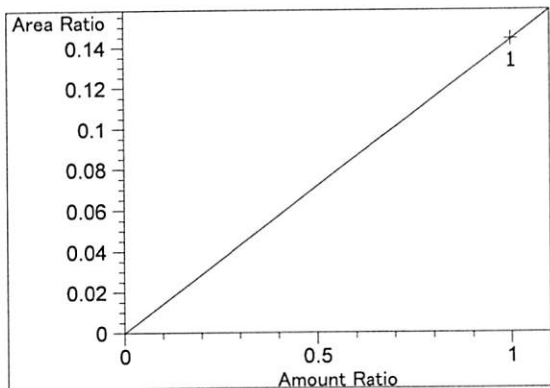
methanol at exp. RT: 3.388
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: $9.14593e-2$
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio



isopropyl alcohol at exp. RT: 3.628
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: $2.15428e-1$
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

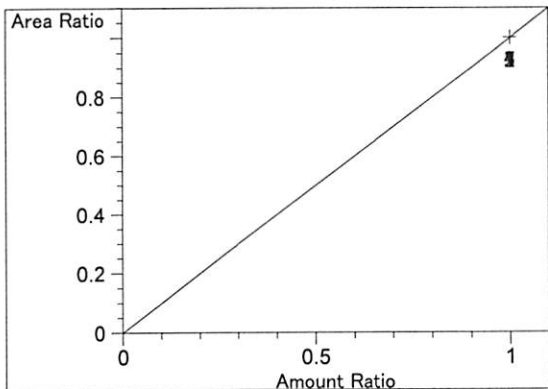


ethanol at exp. RT: 4.285
 FID2 B, Back Signal
 Correlation: 0.99986
 Residual Std. Dev.: 0.00727
 Formula: $y = mx + b$
 m: 2.10838
 b: $-1.51316e-2$
 x: Amount Ratio
 y: Area Ratio

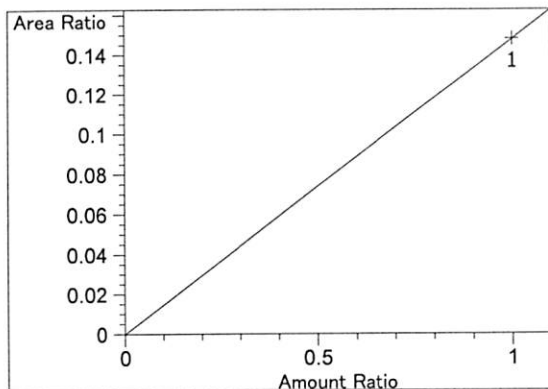


acetone at exp. RT: 4.308
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: $1.43892e-1$
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

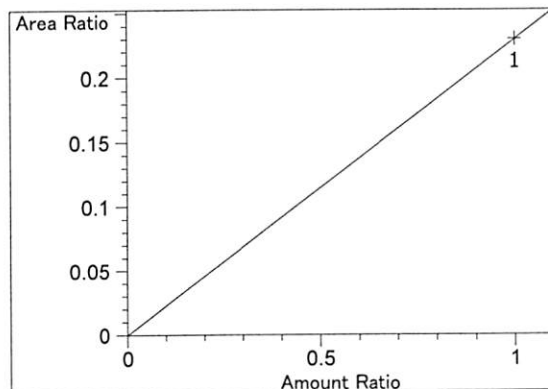
NB



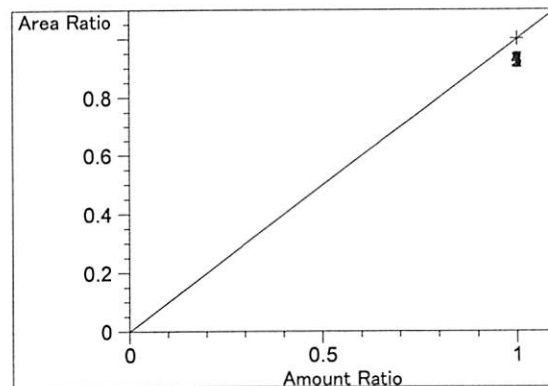
n-propanol at exp. RT: 4.620
 FID1 A, Front Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 1.00000
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio



acetone at exp. RT: 4.661
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 1.47967e-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: 2.29826e-1
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

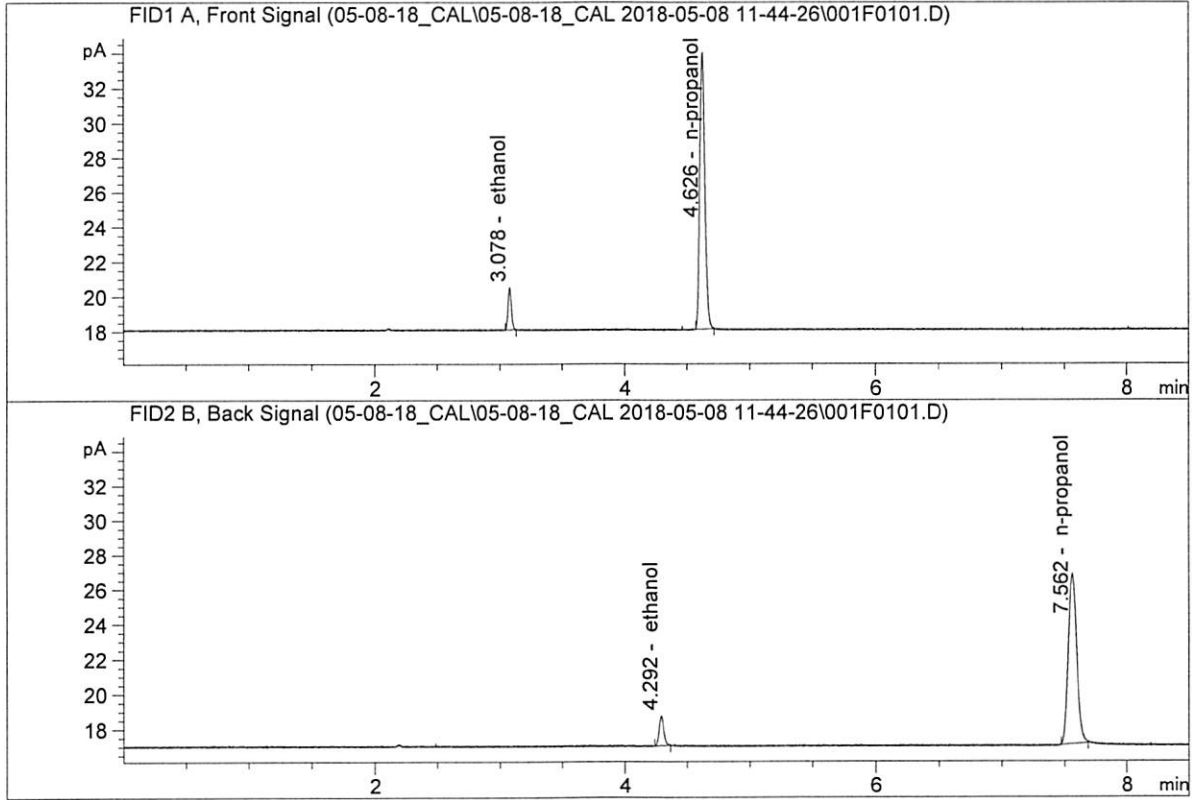


n-propanol at exp. RT: 7.550
 FID2 B, Back Signal
 Correlation: 1.00000
 Residual Std. Dev.: 0.00000
 Formula: $y = mx + b$
 m: 1.00000
 b: 0.00000
 x: Amount Ratio
 y: Area Ratio

RB

ISP Forensic Services Blood Alcohol Report

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

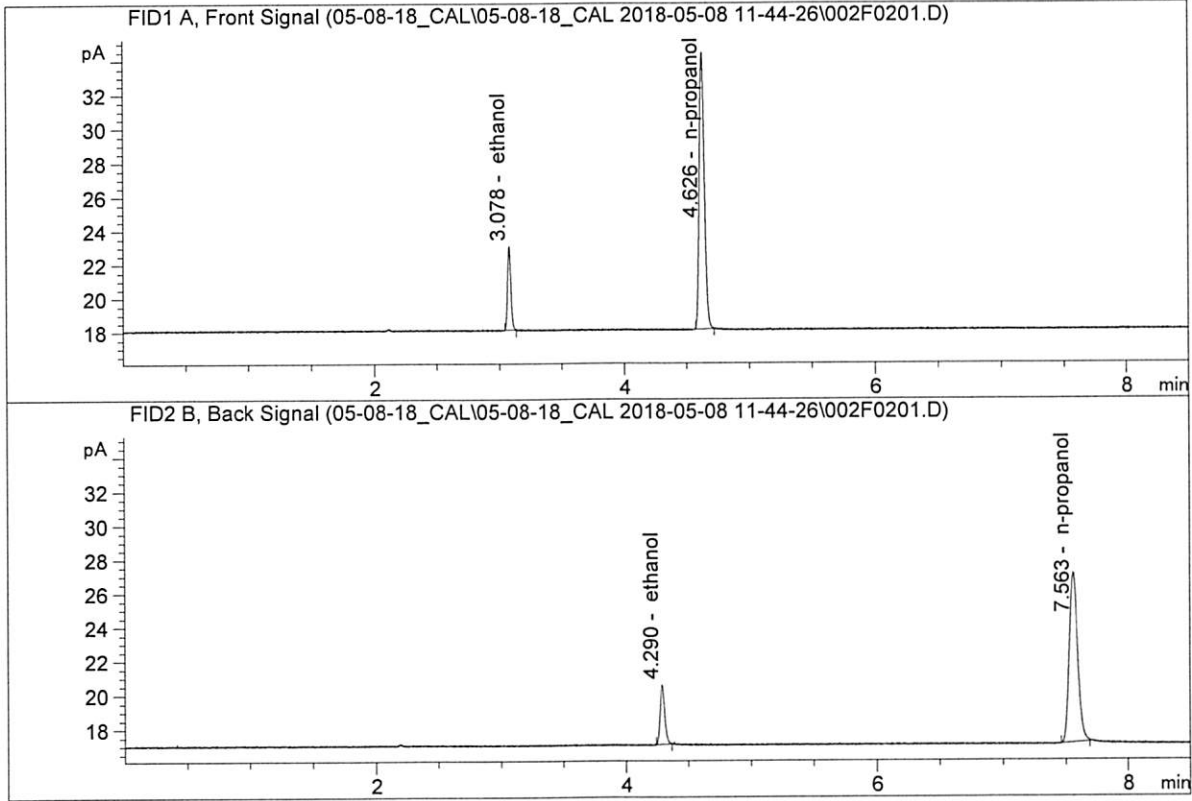


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.44724	0.0510	g/100cc
2.	Ethanol	Column 2:	4.55425	0.0535	g/100cc
3.	n-Propanol	Column 1:	45.16848	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.58493	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

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

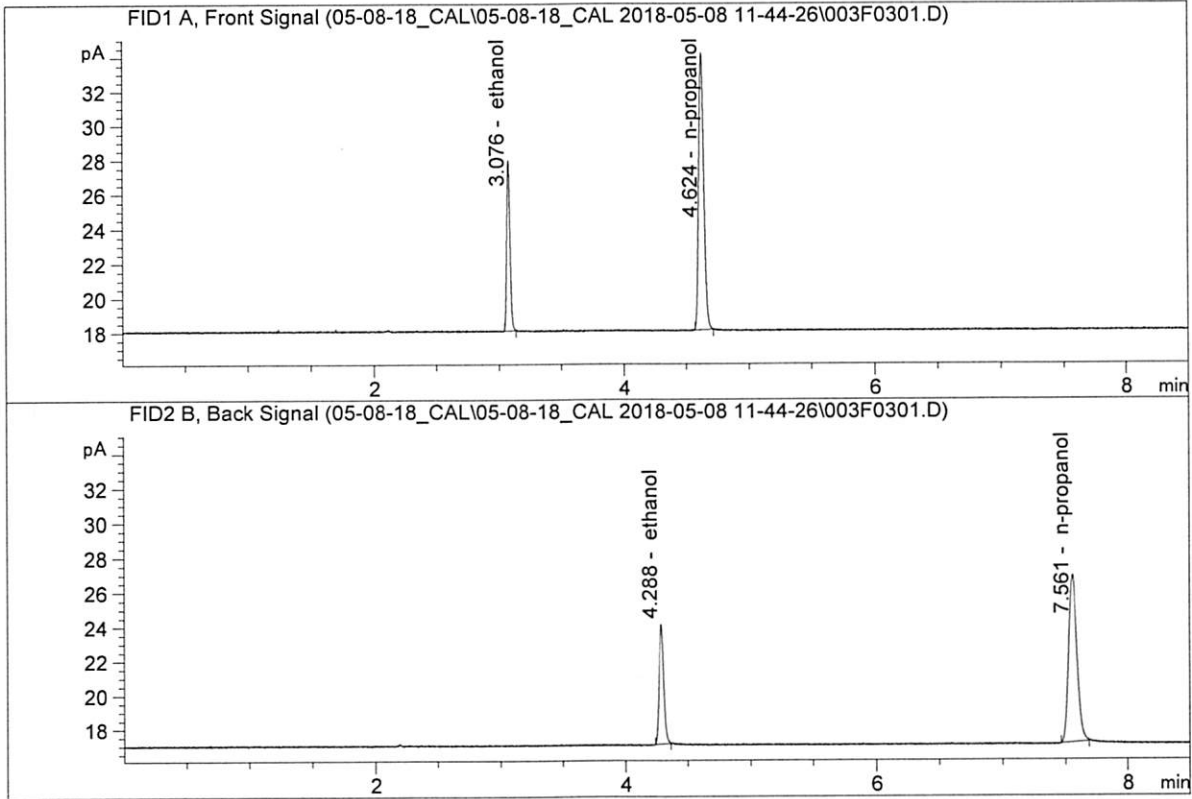


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	9.16991	0.1000	g/100cc
2.	Ethanol	Column 2:	9.35811	0.0998	g/100cc
3.	n-Propanol	Column 1:	46.49553	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.94036	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.200 FN03301601
 Laboratory : Meridian
 Injection Date : May 8, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

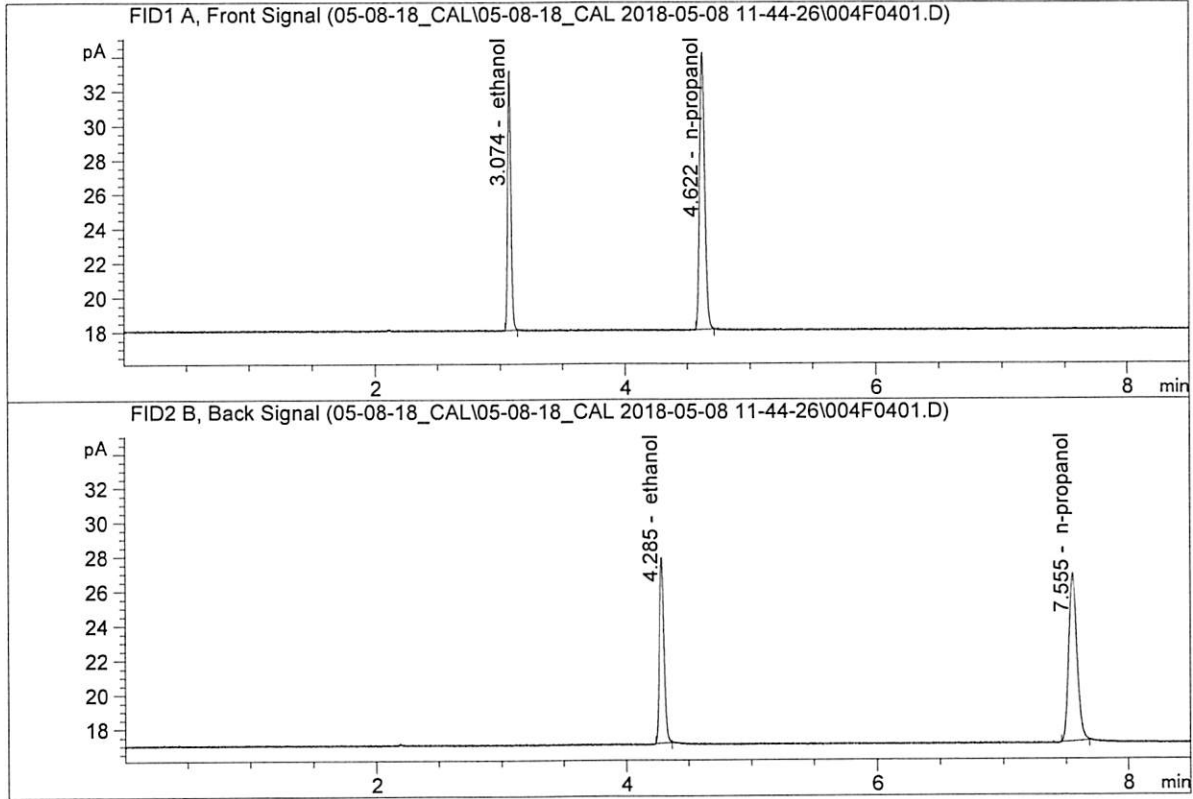


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.11083	0.1982	g/100cc
2.	Ethanol	Column 2:	18.70964	0.1964	g/100cc
3.	n-Propanol	Column 1:	45.85988	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.89877	1.0000	g/100cc

Handwritten signature/initials: NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN02121601
 Laboratory : Meridian
 Injection Date : May 8, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

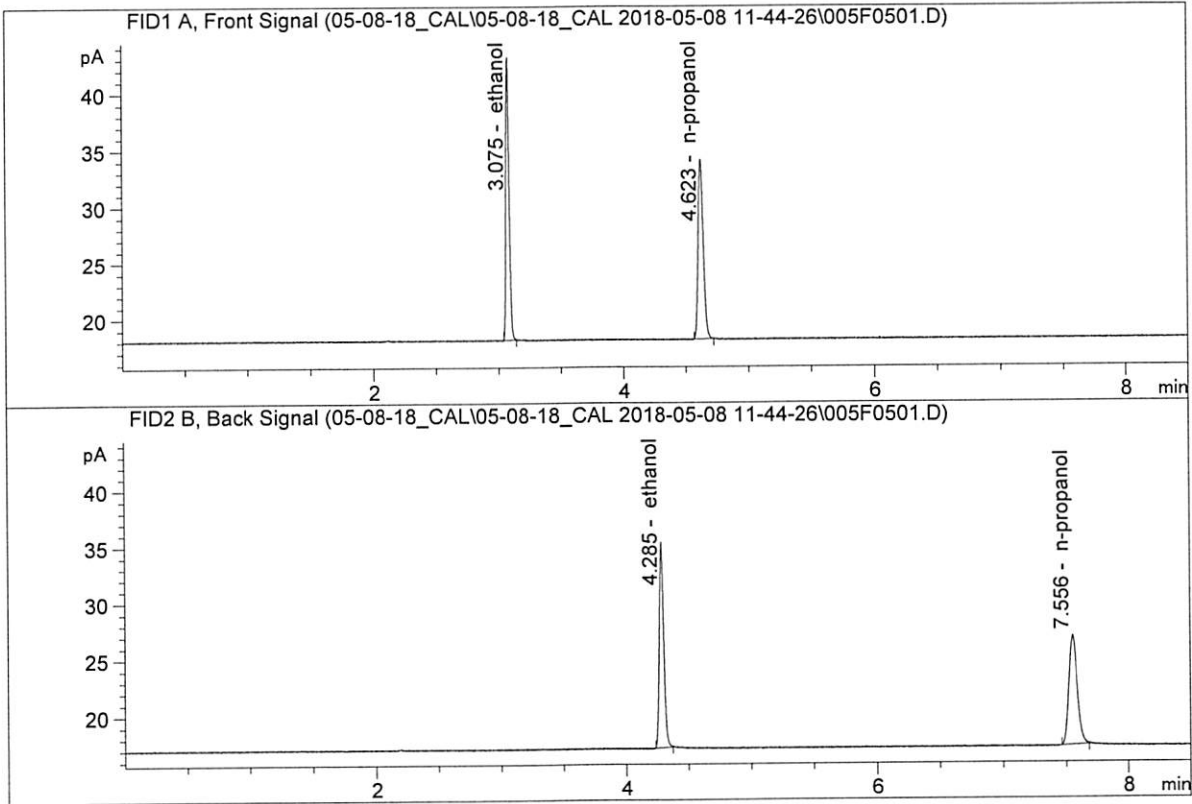


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	27.57201	0.3004	g/100cc
2.	Ethanol	Column 2:	28.70420	0.2979	g/100cc
3.	n-Propanol	Column 1:	45.89345	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.82684	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.500 FN08031602
 Laboratory : Meridian
 Injection Date : May 8, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

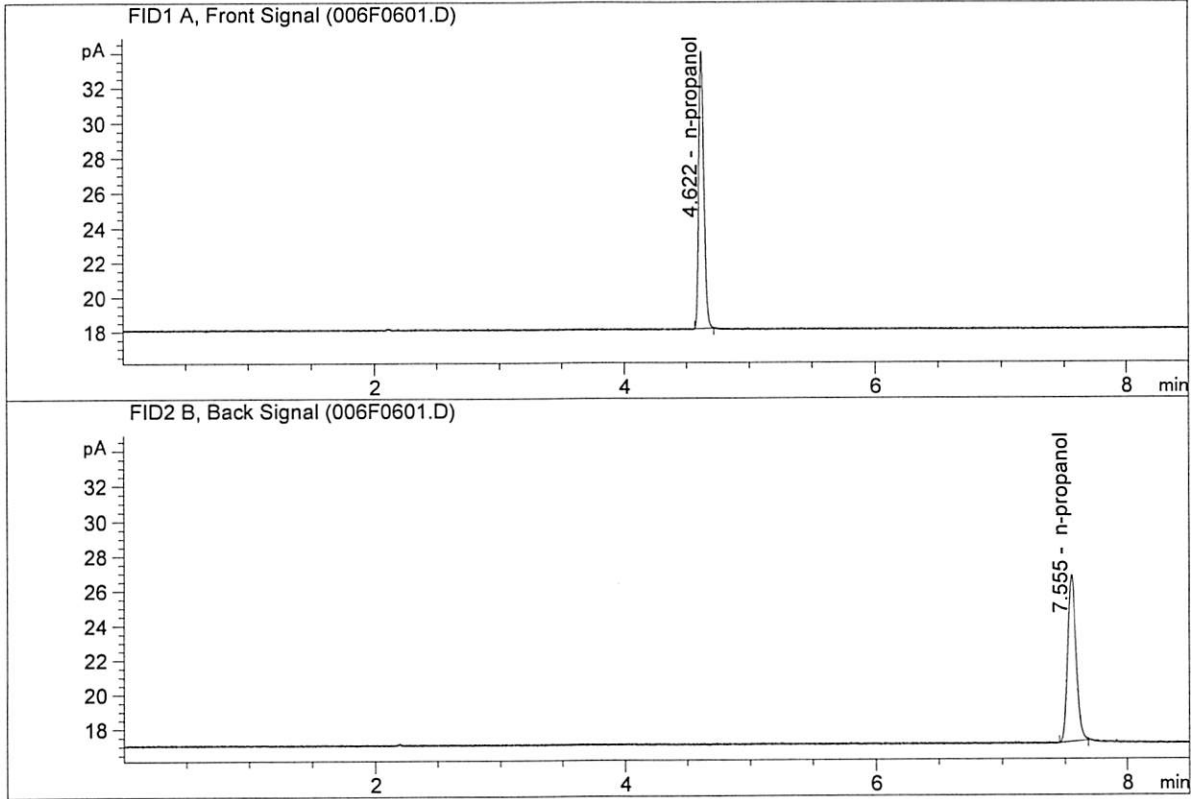


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	45.68967	0.5004	g/100cc
2.	Ethanol	Column 2:	48.13057	0.5024	g/100cc
3.	n-Propanol	Column 1:	45.51768	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.09785	1.0000	g/100cc

RB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
 Laboratory : Meridian
 Injection Date : May 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:	45.27300	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.18441	1.0000	g/100cc

NS

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

Sequence table: C:\Chem32\1\Data\05-08-18_CAL\05-08-18_CAL 2018-05-08 11-44-26\05-08-18_CAL.S
Data directory path: C:\Chem32\1\Data\05-08-18_CAL\05-08-18_CAL 2018-05-08 11-44-26\
Logbook: C:\Chem32\1\Data\05-08-18_CAL\05-08-18_CAL 2018-05-08 11-44-26\05-08-18_CAL.LOG
Sequence start: 5/8/2018 11:59:05 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\05-08-18_CAL\05-08-18_CAL 2018-05-08 11-44-26\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 FN06181501	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN03301601	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN02121601	-	1.0000	004F0401.D	*	4
5	5	1	0.500 FN08031602	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

Master alcohol.m method e: \Chem32\1\Methods\
Alcohol.m updated
NB 5/8/18

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1

Analysis Date(s): 08 May 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0774	0.0794	0.0020	0.0784	0.0790	
(g/100cc)	0.0787	0.0806	0.0019	0.0796		

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:
MD96BC1382/MD94AM10010

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.

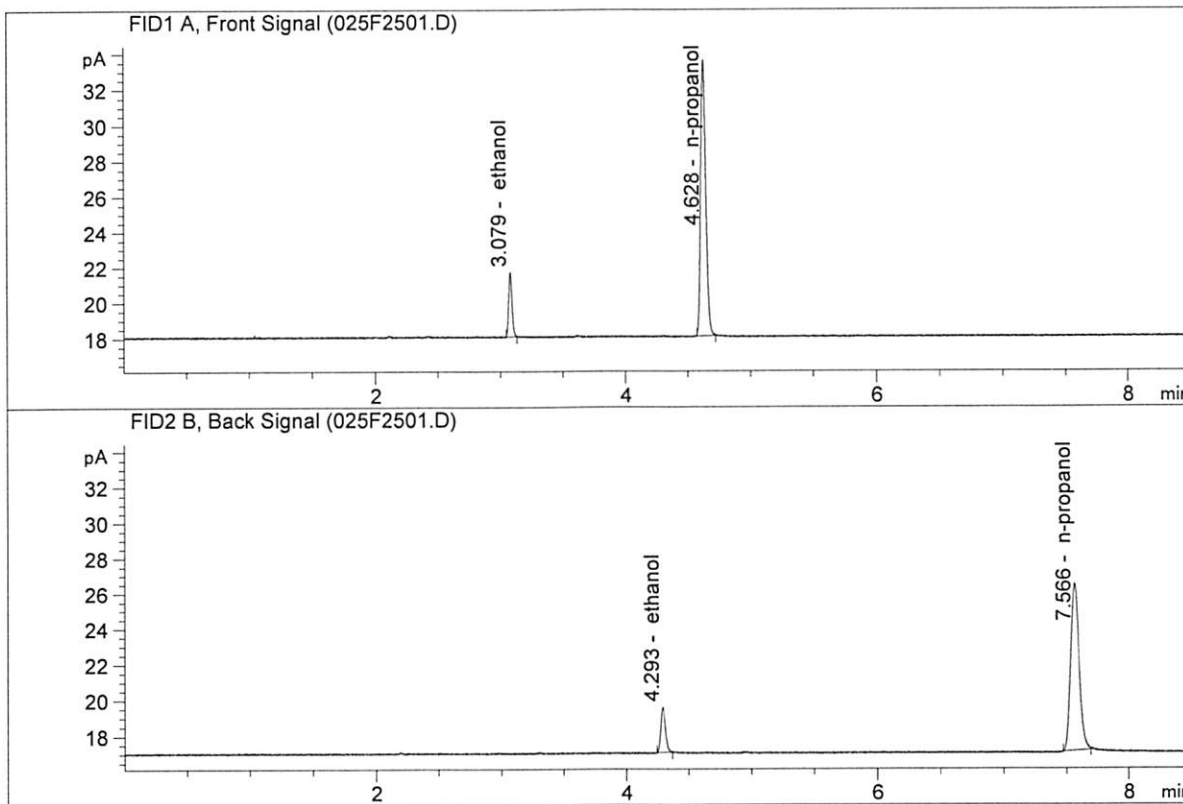
Issued: 12/30/2016

Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

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

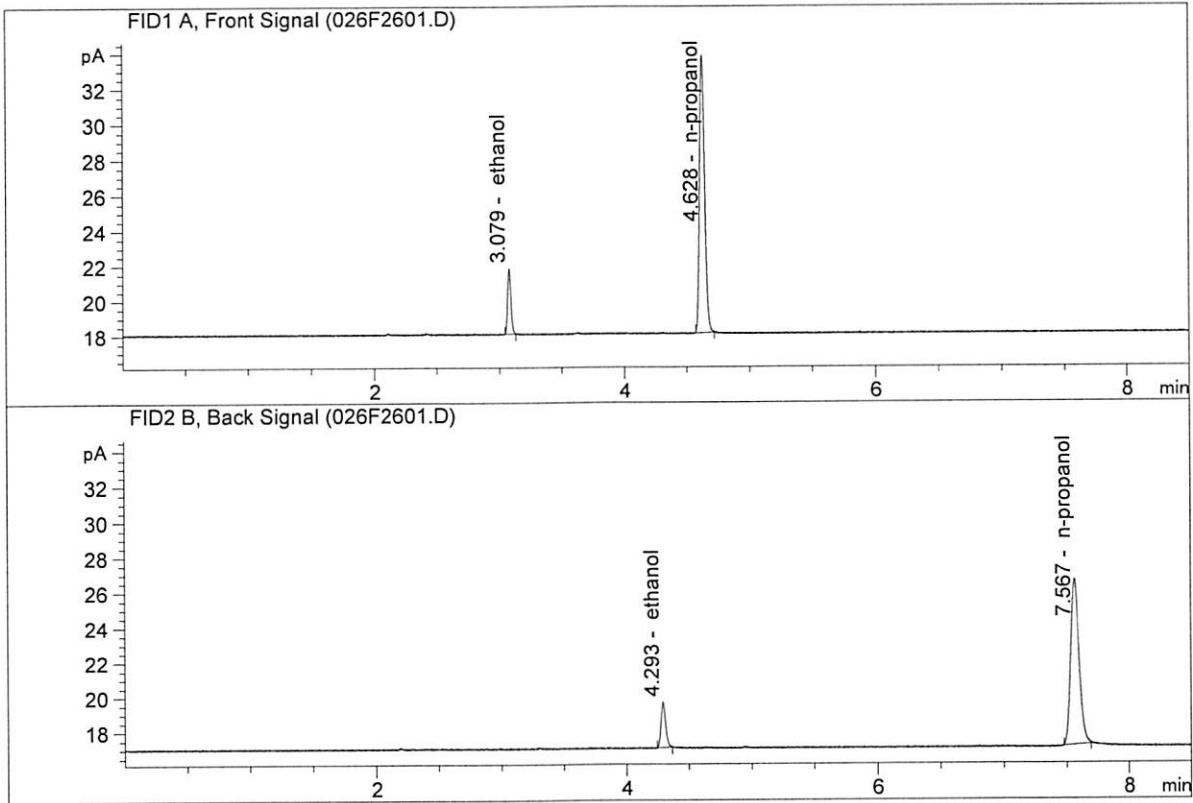


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.69327	0.0774	g/100cc
2.	Ethanol	Column 2:	6.84037	0.0794	g/100cc
3.	n-Propanol	Column 1:	44.17462	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.91218	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.92092	0.0787	g/100cc
2.	Ethanol	Column 2:	7.05662	0.0806	g/100cc
3.	n-Propanol	Column 1:	44.86020	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.56013	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1

Analysis Date(s): 08 May 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2007	0.1996	0.0011	0.2001	0.2000	
(g/100cc)	0.2001	0.1999	0.0002	0.2000		

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:
MD96BC1382/MD94AM10010

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.

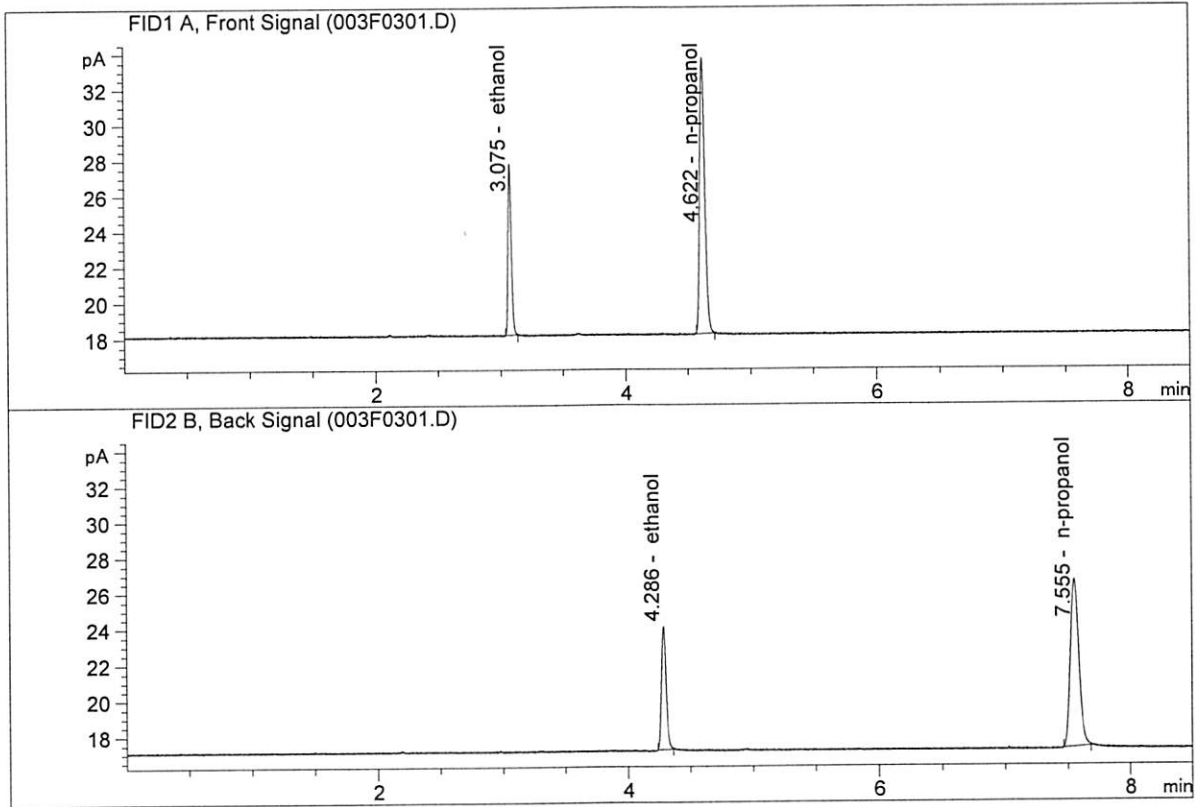
Issued: 12/30/2016

Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

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

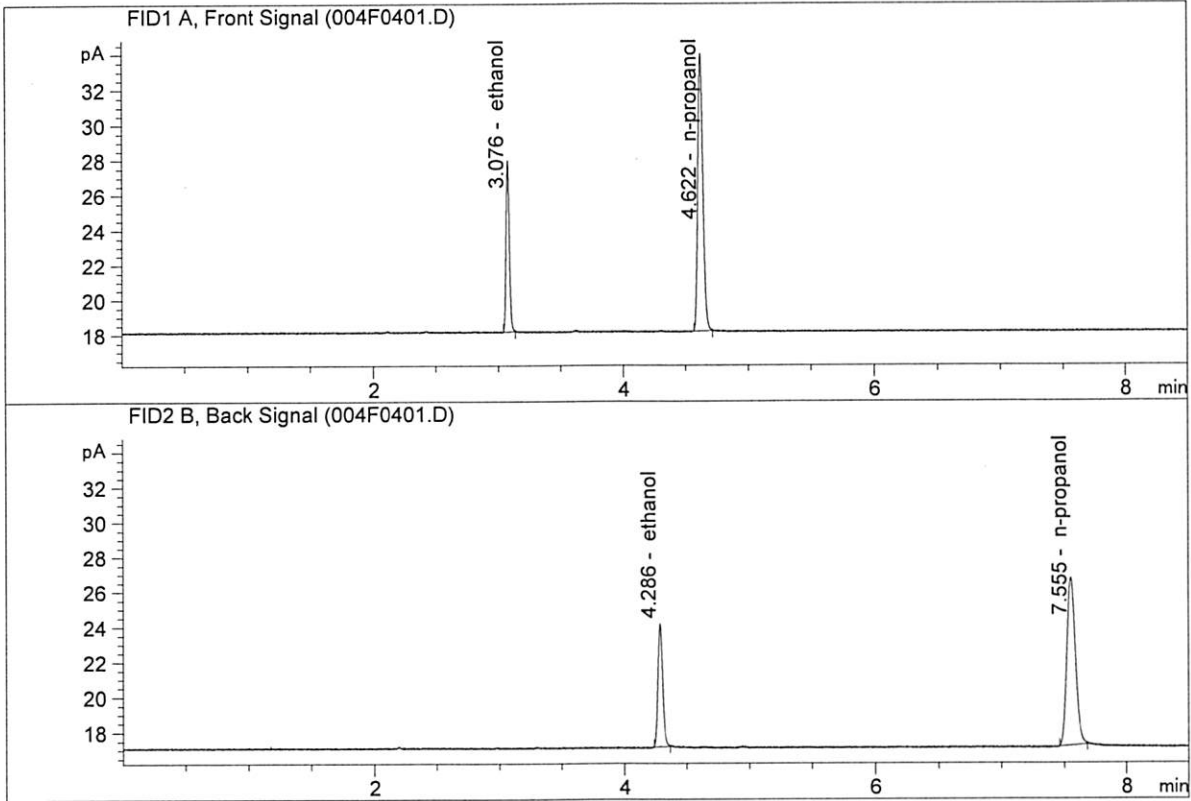


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.64433	0.2007	g/100cc
2.	Ethanol	Column 2:	18.21315	0.1996	g/100cc
3.	n-Propanol	Column 1:	44.11234	1.0000	g/100cc
4.	n-Propanol	Column 2:	44.88241	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

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



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.93710	0.2001	g/100cc
2.	Ethanol	Column 2:	18.59591	0.1999	g/100cc
3.	n-Propanol	Column 1:	44.96797	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.77145	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2

Analysis Date(s): 08 May 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2084	0.2077	0.0007	0.2080	0.2089	
(g/100cc)	0.2096	0.2099	0.0003	0.2097		

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:
MD96BC1382/MD94AM10010

Reporting of Results

Uncertainty of Measurement (UM%): 5.00%

Overall Mean (g/100cc)	Low	High	5% of Mean
0.208	0.197	0.219	0.011

	Reported Result <hr style="border-top: 1px dashed black;"/> 0.208	
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Calibration and control data are stored centrally.



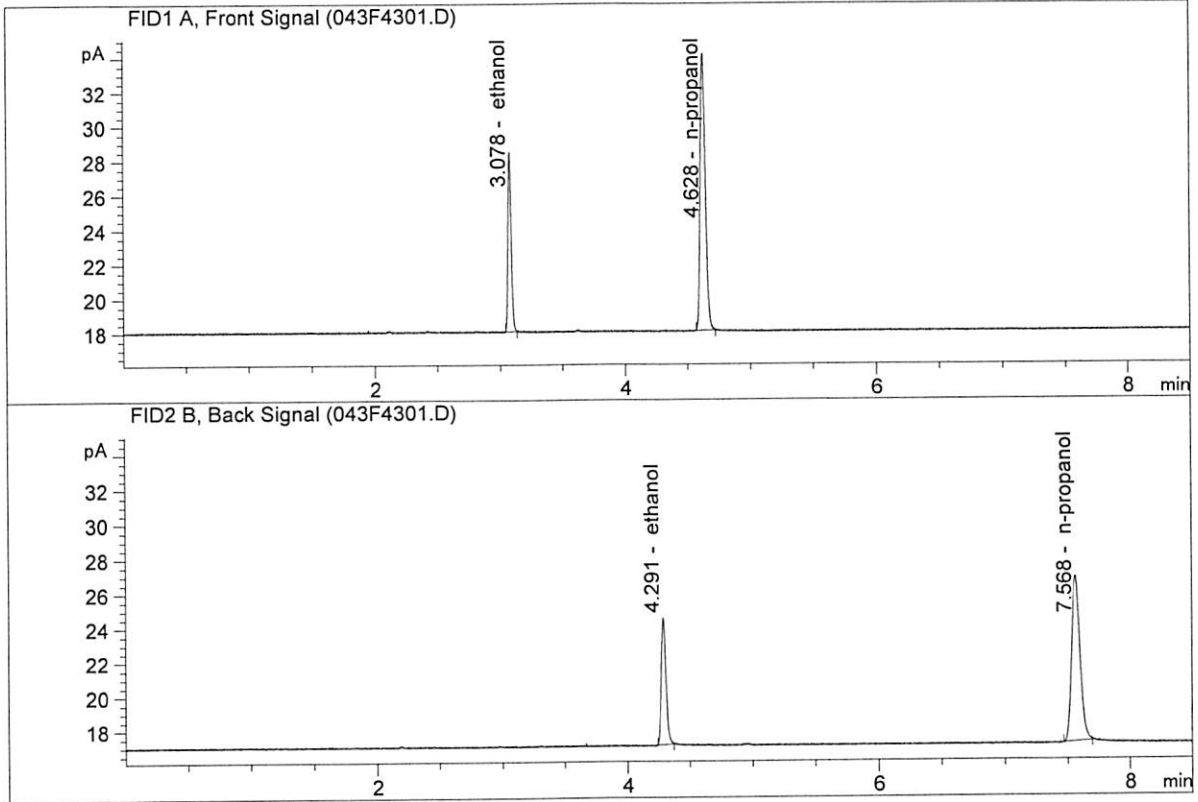
Issued: 12/30/2016

Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
 Laboratory : Meridian
 Injection Date : May 8, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

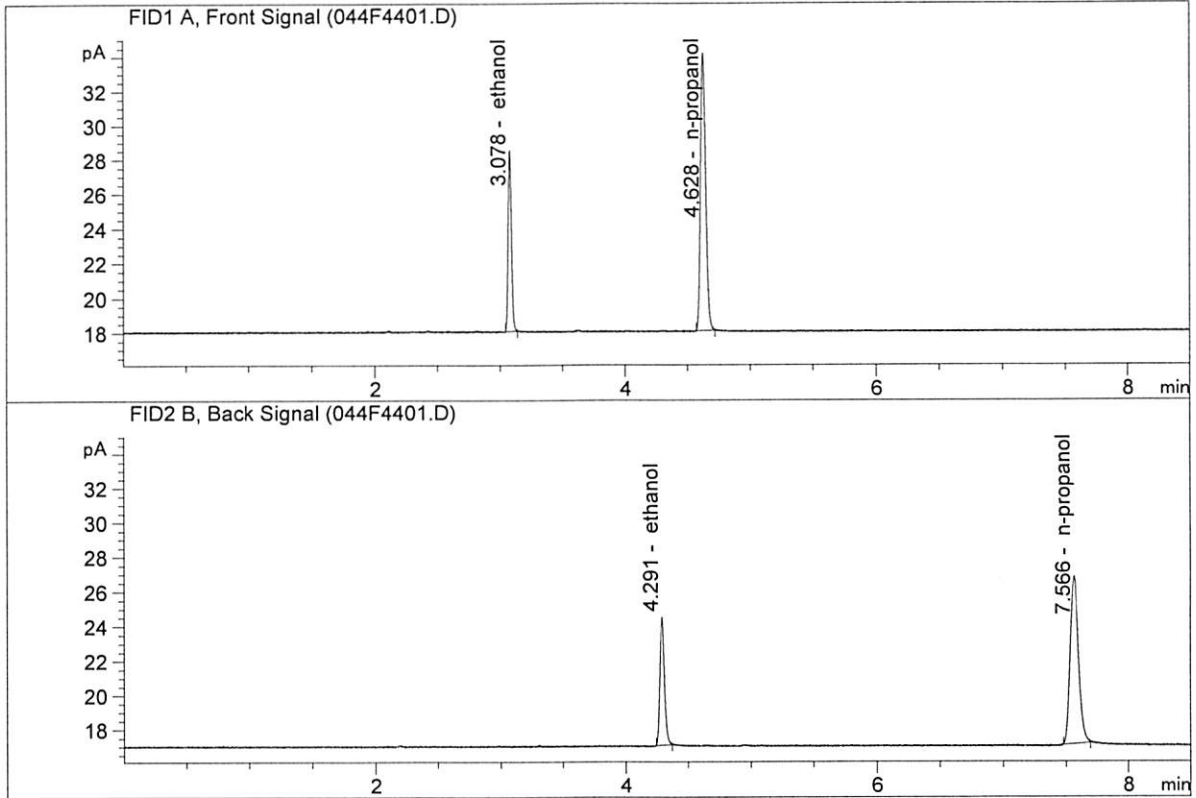


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.09817	0.2084	g/100cc
2.	Ethanol	Column 2:	19.76860	0.2077	g/100cc
3.	n-Propanol	Column 1:	45.97325	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.75679	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
 Laboratory : Meridian
 Injection Date : May 8, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.15930	0.2096	g/100cc
2.	Ethanol	Column 2:	19.88484	0.2099	g/100cc
3.	n-Propanol	Column 1:	45.85101	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.51278	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510

Analysis Date(s): 08 May 2018

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0787	0.0801	0.0014	0.0794	0.0812	
(g/100cc)	0.0825	0.0837	0.0012	0.0831		

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:
MD96BC1382/MD94AM10010

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.

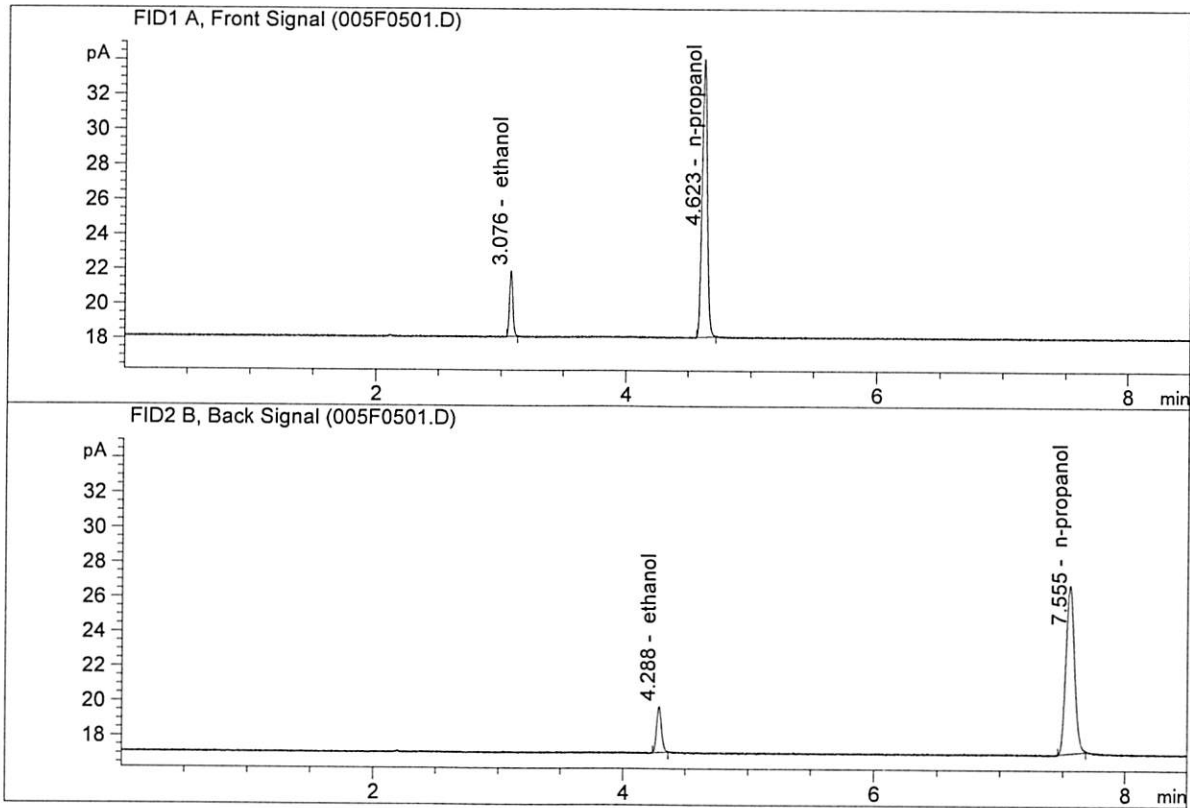
Issued: 12/30/2016

Volatiles BAC Calculation Spreadsheet Rev 4

Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

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

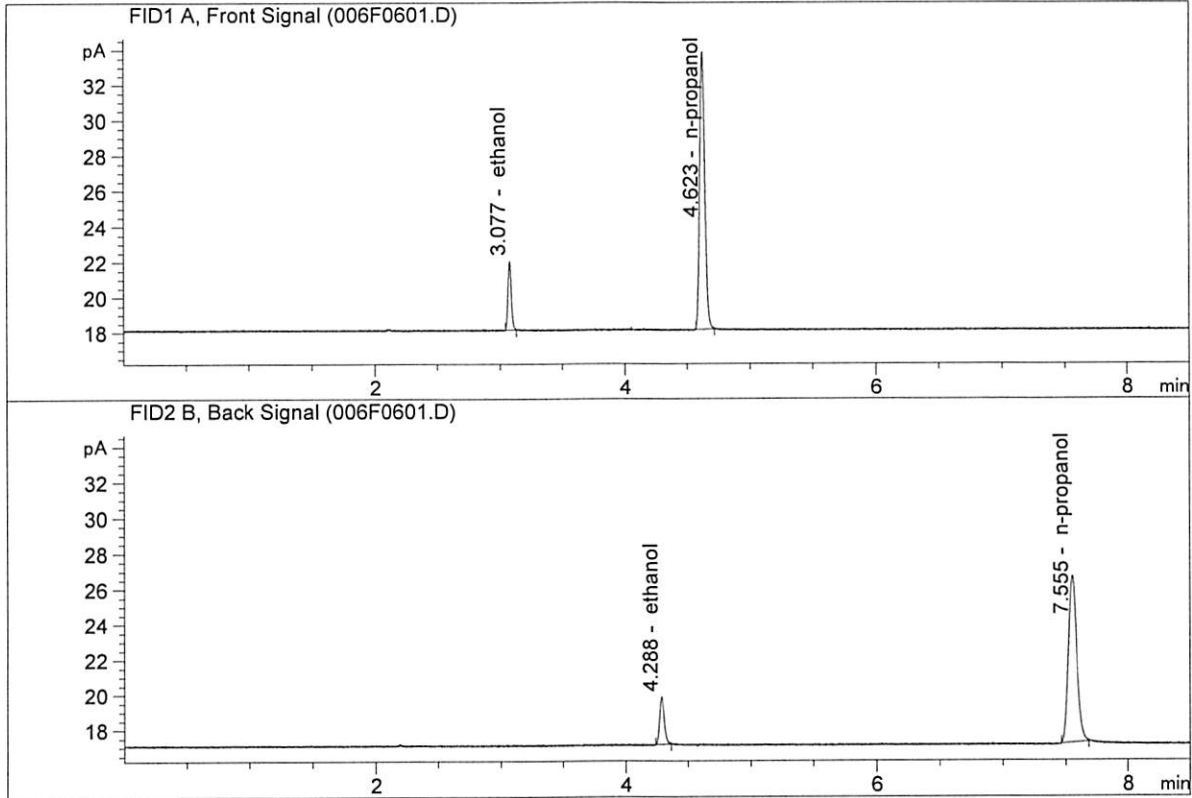


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.02551	0.0787	g/100cc
2.	Ethanol	Column 2:	7.13313	0.0801	g/100cc
3.	n-Propanol	Column 1:	45.53340	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.38490	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

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

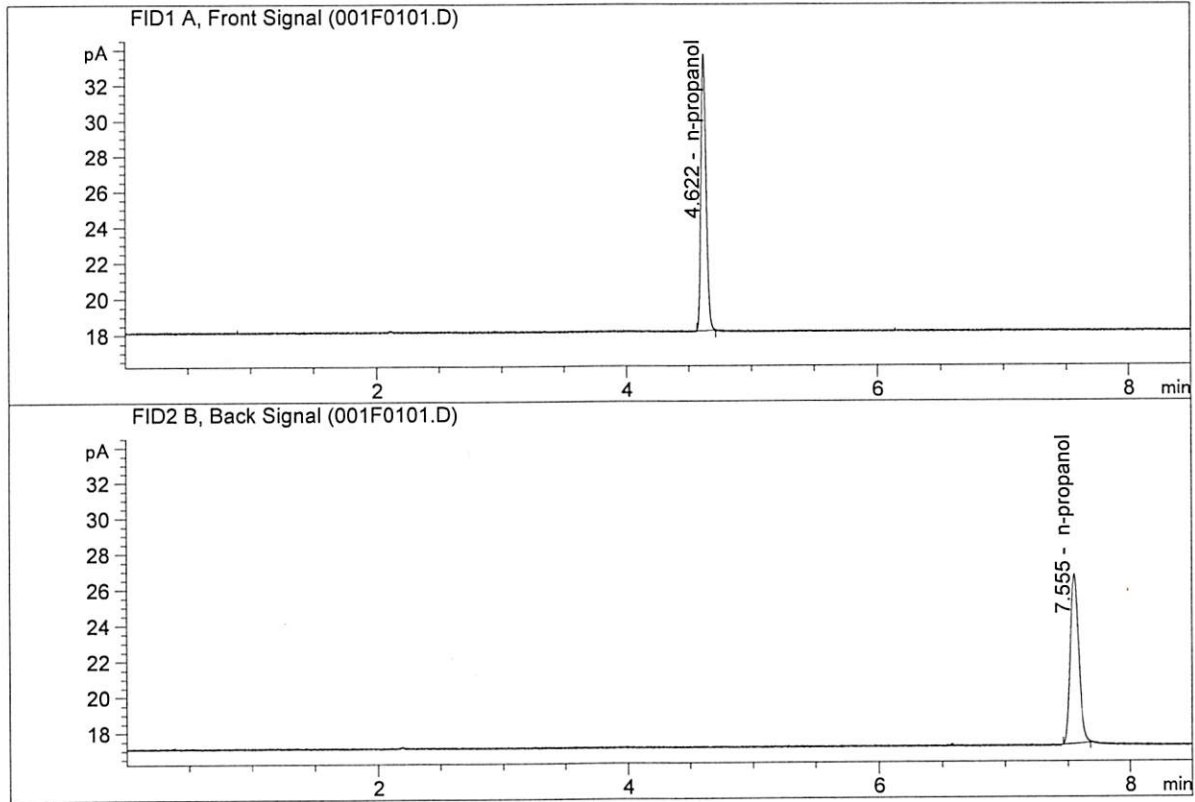


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.22983	0.0825	g/100cc
2.	Ethanol	Column 2:	7.33247	0.0837	g/100cc
3.	n-Propanol	Column 1:	44.64723	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.44740	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
 Laboratory : Meridian
 Injection Date : May 8, 2018
 Method : ALCOHOL.M
 Acq. Instrument: CN11180014-CN11041167

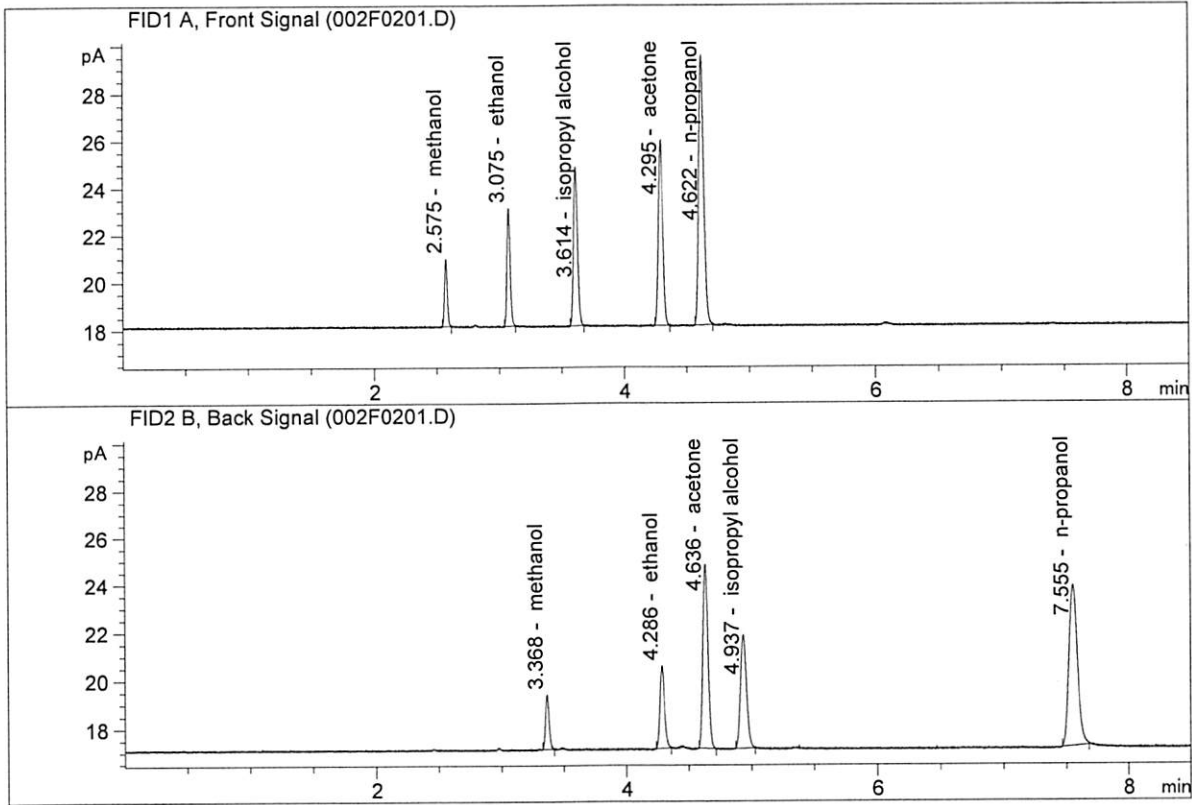


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	44.16562	1.0000	g/100cc
4.	n-Propanol	Column 2:	45.32336	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

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

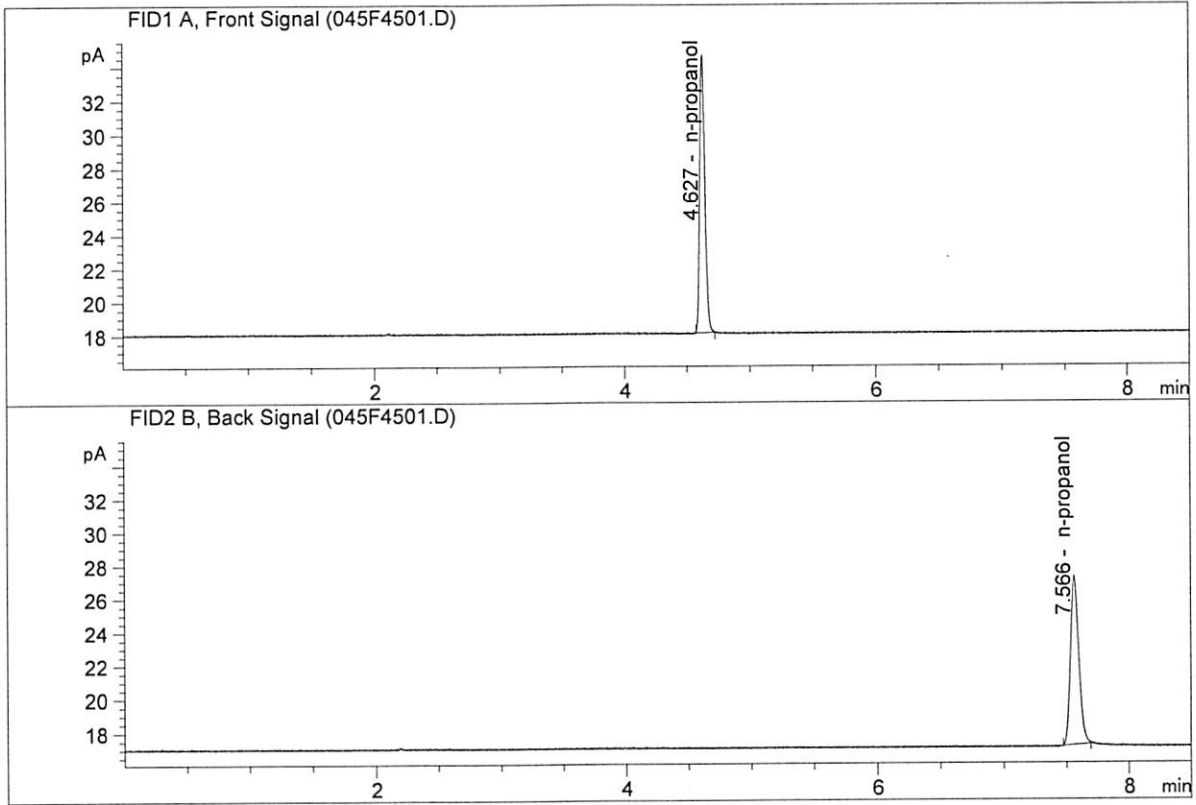


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.88801	0.1401	g/100cc
2.	Ethanol	Column 2:	9.06681	0.1408	g/100cc
3.	n-Propanol	Column 1:	31.97496	1.0000	g/100cc
4.	n-Propanol	Column 2:	32.19362	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
 Laboratory : Meridian
 Injection Date : May 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:	47.19968	1.0000	g/100cc
4.	n-Propanol	Column 2:	48.00253	1.0000	g/100cc

NB

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

Sequence table: C:\Chem32\1\Data\05-08-18_SAMPLES\05-08-18_SAMPLES 2018-05-08 14-24-55\05-08-18_SAMPLES.S
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 Logbook: C:\Chem32\1\Data\05-08-18_SAMPLES\05-08-18_SAMPLES 2018-05-08 14-24-55\05-08-18_SAMPLES.LOG
 Sequence start: 5/8/2018 2:39:38 PM
 Sequence Operator: SYSTEM
 Operator: SYSTEM
 Method file name: C:\Chem32\1\Data\05-08-18_SAMPLES\05-08-18_SAMPLES 2018-05-08 14-24-55\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	QC2-1-A	-	1.0000	003F0301.D		4
4	4	1	QC2-1-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	M2018-2222-1-A	-	1.0000	007F0701.D		6
8	8	1	M2018-2222-1-B	-	1.0000	008F0801.D		6
9	9	1	M2018-2245-1-A	-	1.0000	009F0901.D		6
10	10	1	M2018-2245-1-B	-	1.0000	010F1001.D		6
11	11	1	M2018-2246-1-A	-	1.0000	011F1101.D		6
12	12	1	M2018-2246-1-B	-	1.0000	012F1201.D		6
13	13	1	M2018-2247-1-A	-	1.0000	013F1301.D		6
14	14	1	M2018-2247-1-B	-	1.0000	014F1401.D		6
15	15	1	M2018-2248-1-A	-	1.0000	015F1501.D		2
16	16	1	M2018-2248-1-B	-	1.0000	016F1601.D		2
17	17	1	M2018-2277-1-A	-	1.0000	017F1701.D		4
18	18	1	M2018-2277-1-B	-	1.0000	018F1801.D		5
19	19	1	M2018-2278-1-A	-	1.0000	019F1901.D		4
20	20	1	M2018-2278-1-B	-	1.0000	020F2001.D		4
21	21	1	M2018-2284-1-A	-	1.0000	021F2101.D		4
22	22	1	M2018-2284-1-B	-	1.0000	022F2201.D		4
23	23	1	M2018-2300-1-A	-	1.0000	023F2301.D		4
24	24	1	M2018-2300-1-B	-	1.0000	024F2401.D		4
25	25	1	QC1-1-A	-	1.0000	025F2501.D		4
26	26	1	QC1-1-B	-	1.0000	026F2601.D		4
27	27	1	M2018-2301-1-A	-	1.0000	027F2701.D		6
28	28	1	M2018-2301-1-B	-	1.0000	028F2801.D		6
29	29	1	M2018-2302-1-A	-	1.0000	029F2901.D		6
30	30	1	M2018-2302-1-B	-	1.0000	030F3001.D		6
31	31	1	M2018-2303-1-A	-	1.0000	031F3101.D		6
32	32	1	M2018-2303-1-B	-	1.0000	032F3201.D		6
33	33	1	M2018-2348-1-A	-	1.0000	033F3301.D		4
34	34	1	M2018-2348-1-B	-	1.0000	034F3401.D		4
35	35	1	M2018-2349-1-A	-	1.0000	035F3501.D		4
36	36	1	M2018-2349-1-B	-	1.0000	036F3601.D		4
37	37	1	M2018-2360-1-A	-	1.0000	037F3701.D		4
38	38	1	M2018-2360-1-B	-	1.0000	038F3801.D		4
39	39	1	M2018-2361-1-A	-	1.0000	039F3901.D		2
40	40	1	M2018-2361-1-B	-	1.0000	040F4001.D		2
41	41	1	M2018-2366-1-A	-	1.0000	041F4101.D		4
42	42	1	M2018-2366-1-B	-	1.0000	042F4201.D		4
43	43	1	QC2-2-A	-	1.0000	043F4301.D		4

MB

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #
44	44	1	QC2-2-B	-	1.0000	044F4401.D	4
45	45	1	INTERNAL STD BLK	-	1.0000	045F4501.D	2

Method file name: C:\Chem32\1\Data\05-08-18_SAMPLES\05-08-18_SAMPLES 2018-05-08 14-24-55
\SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #
46	46	1	EMPTY	-	1.0000	046F4601.D	0

NB