Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 503A Liquid Processor/Dilutor Serial Number: MD96BC1382/MD94AM10010

Volatiles Quality Assurance Controls

Run Date(s):11/09/2017

Calibration: 11/09/17-11/10/17

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702-0.0858	0.0825 g/100cc
					0.0836 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818-.2222	0.2064 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:	**Exp date: Oct 2019**		**Lot #**	FN09231404	OK
Curve Fit:		**Column 1**	0.99999	**Column2**	0.99994

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	0.0506	0.0525	0.0019	0.0515
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-19	FN06181501	0.100	0.090 - 0.110	0.1000	0.0995	0.0005	0.0997
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1989	0.1974	0.0015	0.1981
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.3003	0.2991	0.0012	0.2997
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5002	0.5014	0.0012	0.5008

Aqueous Controls

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

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

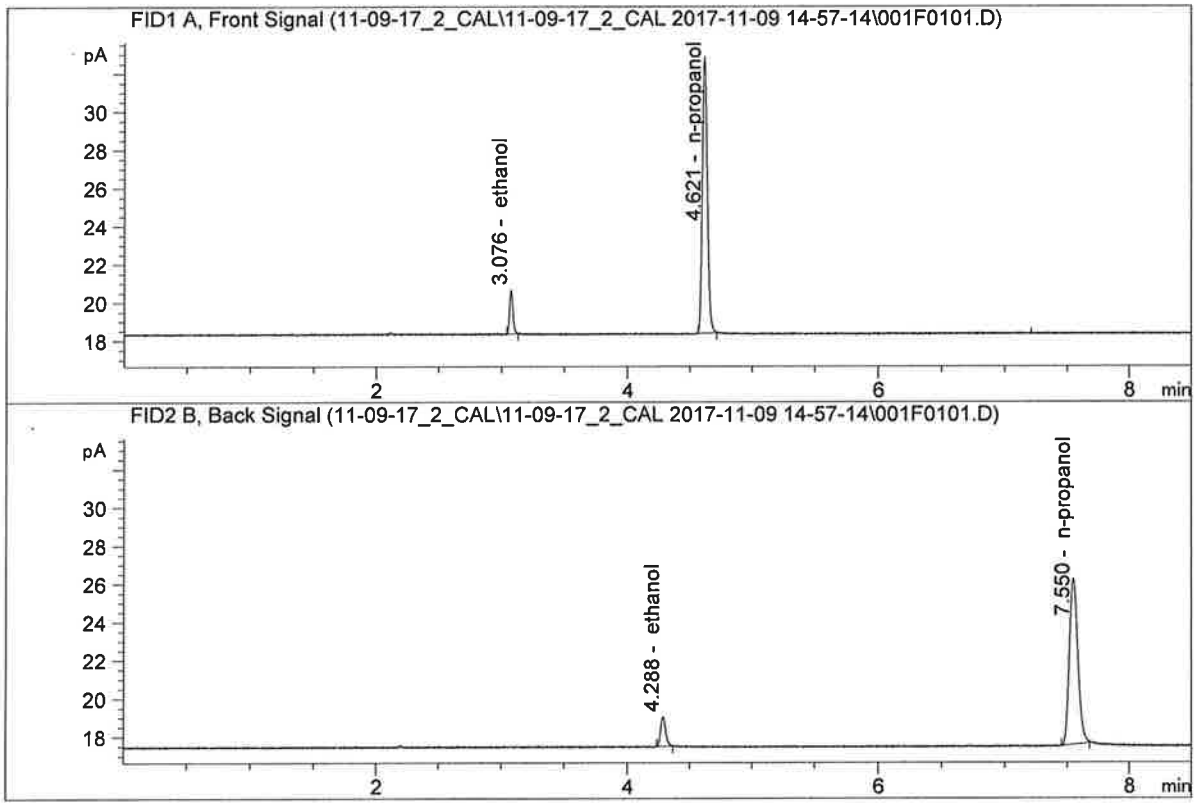
JC

Worklist: 2022

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2017-4388	2	99421	Alcohol Analysis
M2017-4779	1	97533	Alcohol Analysis
M2017-4899	1	98251	Alcohol Analysis
M2017-4965	1	98560	Alcohol Analysis
M2017-4989	1	98618	Alcohol Analysis
M2017-5007	1	98758	Alcohol Analysis
M2017-5009	1	98794	Alcohol Analysis
M2017-5016	1	98830	Alcohol Analysis
M2017-5018	1	98842	Alcohol Analysis
M2017-5019	1	98844	Alcohol Analysis
M2017-5023	1	98960	Alcohol Analysis
M2017-5024	1	98962	Alcohol Analysis
M2017-5025	1	98964	Alcohol Analysis
M2017-5026	1	98969	Alcohol Analysis
M2017-5027	1	98970	Alcohol Analysis
M2017-5037	2	99051	Alcohol Analysis
M2017-5052	1	99070	Alcohol Analysis
M2017-5053	1	99071	Alcohol Analysis
M2017-5054	1	99074	Alcohol Analysis

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Nov 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

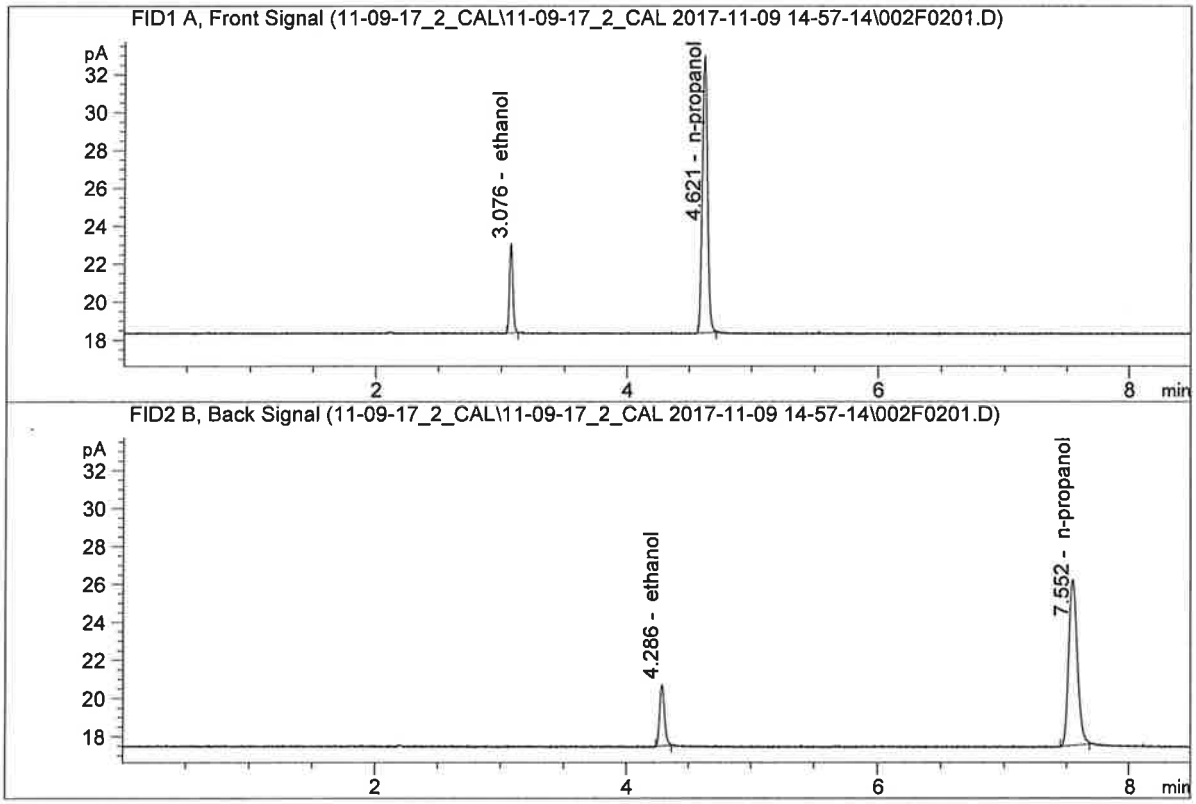


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.29751	0.0506	g/100cc
2.	Ethanol	Column 2:	4.24418	0.0525	g/100cc
3.	n-Propanol	Column 1:	41.39196	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.52951	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.100 FN06181501
Laboratory : Meridian
Injection Date : Nov 9, 2017
Method : ALCOHOL.M
Acq. Instrument : CN11180014-CN11041167

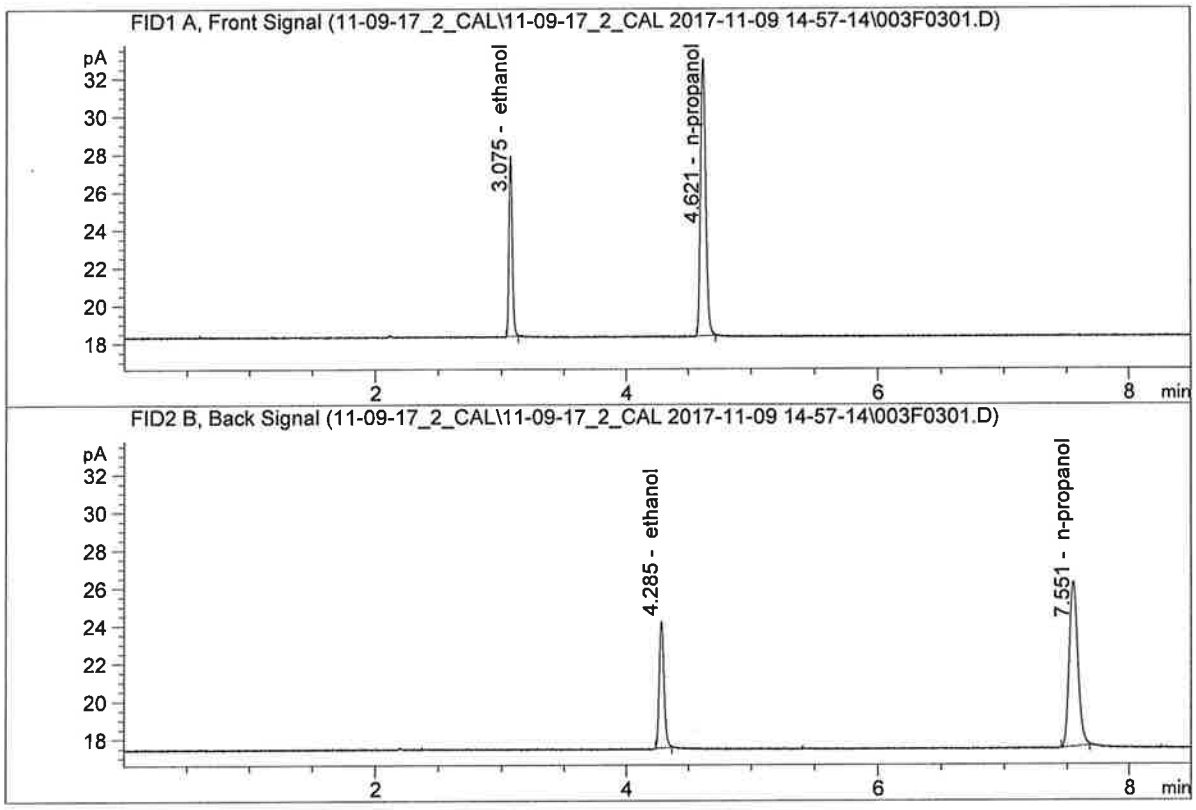


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.69619	0.1000	g/100cc
2.	Ethanol	Column 2:	8.69048	0.0995	g/100cc
3.	n-Propanol	Column 1:	41.59712	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.78900	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

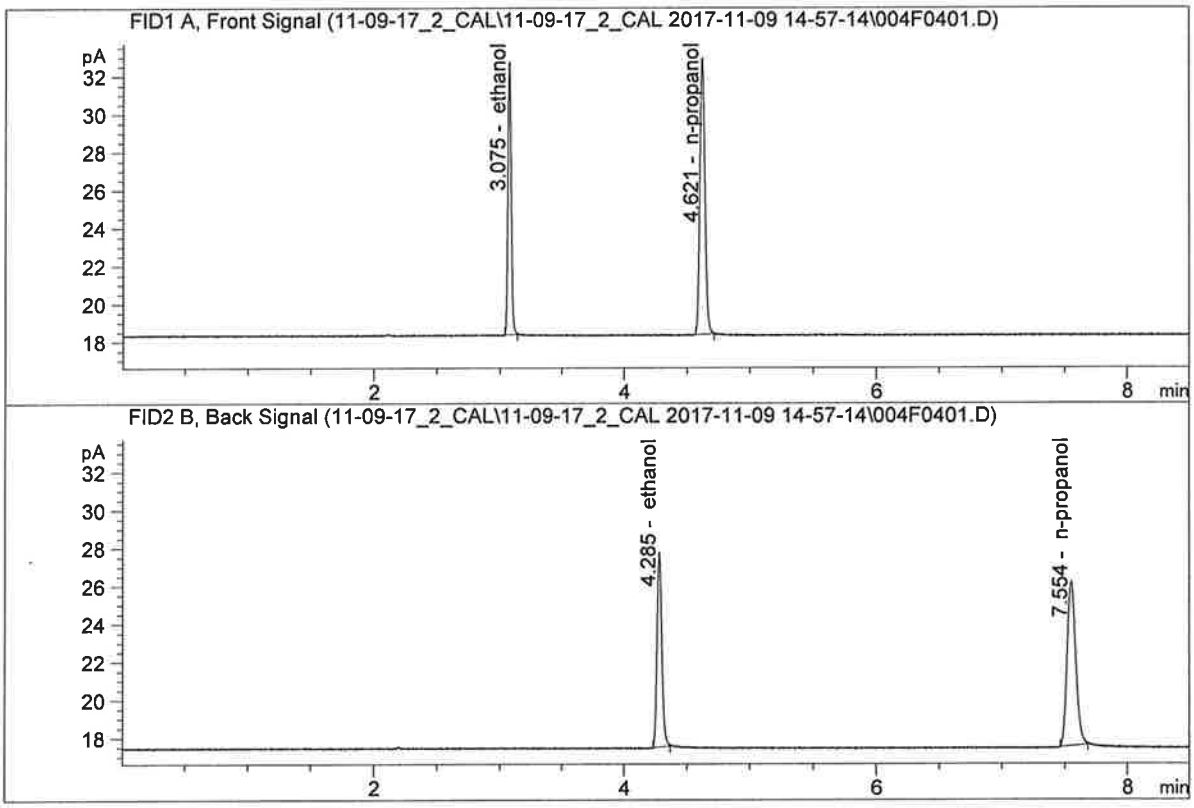
Sample Name : 0.200 FN12011401
Laboratory : Meridian
Injection Date : Nov 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.55306	0.1989	g/100cc
2.	Ethanol	Column 2:	17.92202	0.1974	g/100cc
3.	n-Propanol	Column 1:	41.82375	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.83776	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 ~~FN06051501~~ FN02121601
Laboratory : Meridian JG
Injection Date : Nov 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

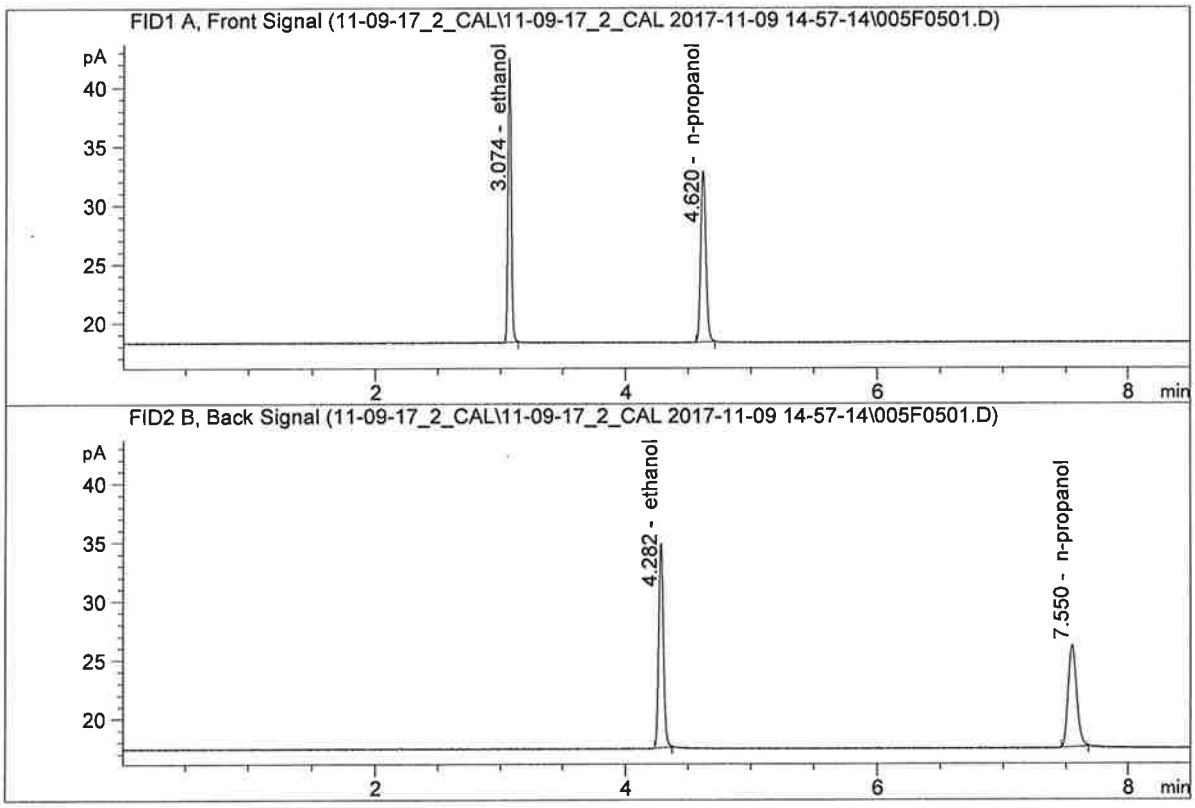


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.38659	0.3003	g/100cc
2.	Ethanol	Column 2:	27.18698	0.2991	g/100cc
3.	n-Propanol	Column 1:	41.50943	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.36387	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name	:	0.500 FN07031402
Laboratory	:	Meridian
Injection Date	:	Nov 9, 2017
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167

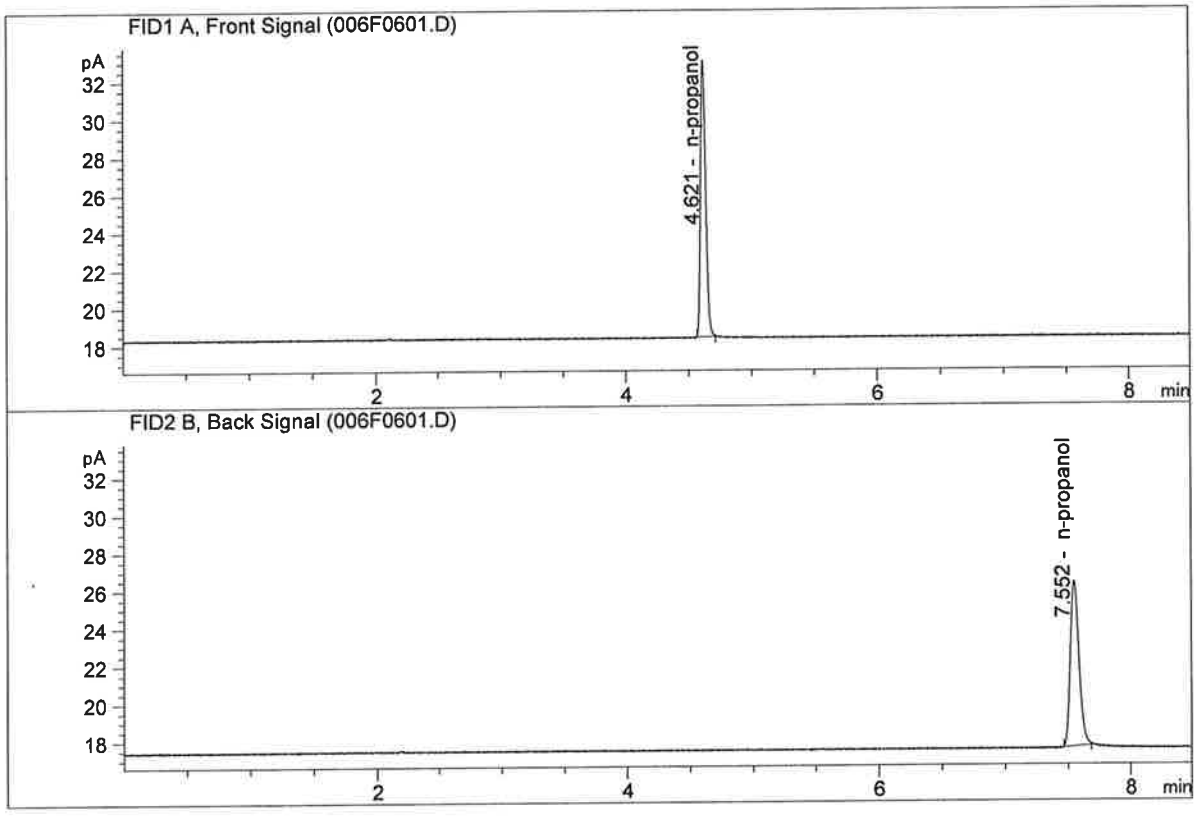


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.02939	0.5002	g/100cc
2.	Ethanol	Column 2:	45.96424	0.5014	g/100cc
3.	n-Propanol	Column 1:	41.47967	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.30719	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Nov 9, 2017
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:	41.80765	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.79802	1.0000	g/100cc

JG

Sequence File C:\Chem32\...1-09-17_2_CAL\11-09-17_2_CAL 2017-11-09 14-57-14\11-09-17_2_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\11-09-17_2_CAL\11-09-17_2_CAL 2017-11-09 14-57-14\11-09-17_2_CAL.S
Data directory path: C:\Chem32\1\Data\11-09-17_2_CAL\11-09-17_2_CAL 2017-11-09 14-57-14\
Logbook: C:\Chem32\1\Data\11-09-17_2_CAL\11-09-17_2_CAL 2017-11-09 14-57-14\11-09-17_2_CAL.LOG
Sequence start: 11/9/2017 3:11:52 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\11-09-17_2_CAL\11-09-17_2_CAL 2017-11-09 14-57-14\ALCOHO.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 FN12011401	-	1.0000	003F0301.D	*	4
4	4	1	0.300 ~~FN06051501~~ JG	-	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

FN02121601

Calibration Table

General Calibration Setting

Calib. Data Modified : Thursday, November 09, 2017 4:02:24 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

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	4.29751	1.16346e-2	No	No	1	ethanol
		2	1.00000e-1	8.69619	1.14993e-2				
		3	2.00000e-1	17.55306	1.13940e-2				
		4	3.00000e-1	26.38659	1.13694e-2				
		5	5.00000e-1	44.02939	1.13561e-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	4.24418	1.17808e-2	No	No	2	ethanol
		2	1.00000e-1	8.69048	1.15069e-2				
		3	2.00000e-1	17.92202	1.11595e-2				
		4	3.00000e-1	27.18698	1.10347e-2				
		5	5.00000e-1	45.96424	1.08780e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.620	1	1	1.00000	41.39196	2.41593e-2	No	Yes	1	n-propanol
		2	1.00000	41.59712	2.40401e-2				
		3	1.00000	41.82375	2.39099e-2				
		4	1.00000	41.50943	2.40909e-2				
		5	1.00000	41.47967	2.41082e-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	41.52951	2.40793e-2	No	Yes	2	n-propanol
		2	1.00000	41.78900	2.39297e-2				
		3	1.00000	41.83776	2.39019e-2				
		4	1.00000	41.36387	2.41757e-2				
		5	1.00000	41.30719	2.42089e-2				

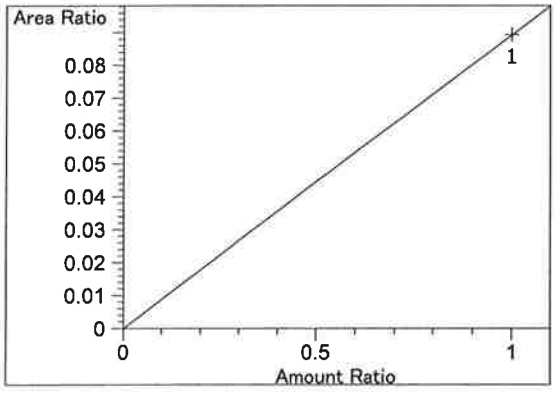
Peak Sum Table

No Entries in table

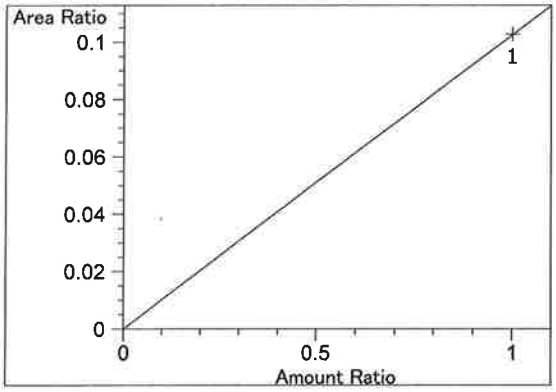
51 Warnings or Errors (10 first messages follow) :

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

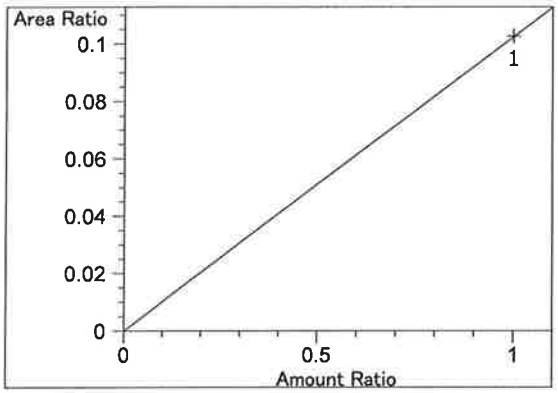
Calibration Curves



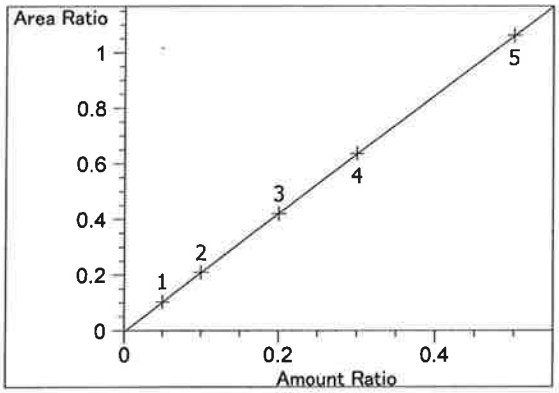
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.93095e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio



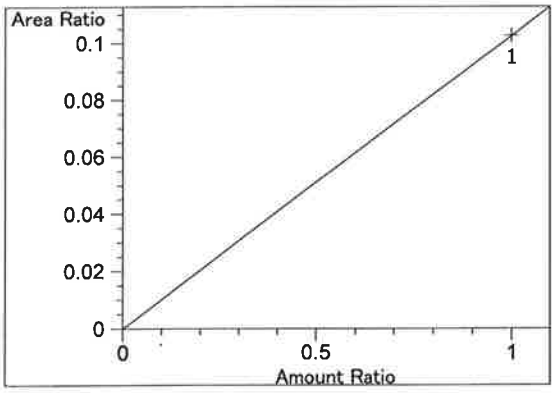
Acetaldehyde at exp. RT: 2.809
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.02602e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



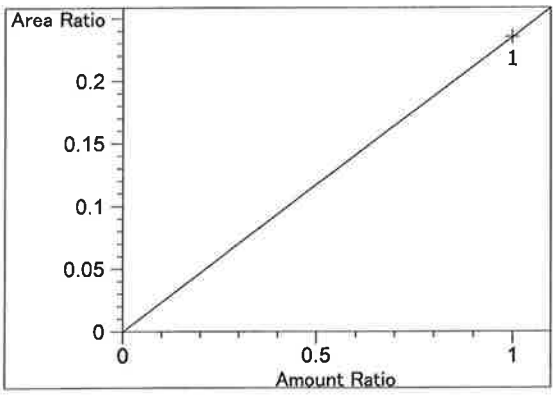
Acetaldehyde at exp. RT: 2.977
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.02602e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



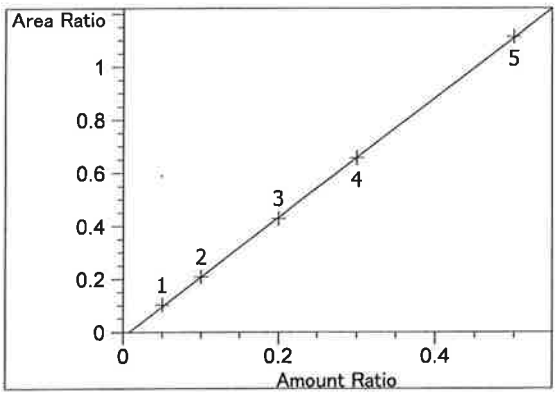
ethanol at exp. RT: 3.075
FID1 A, Front Signal
Correlation: 0.99999
Residual Std. Dev.: 0.00161
Formula: y = mx + b
m: 2.12998
b: -3.95144e-3
x: Amount Ratio
y: Area Ratio



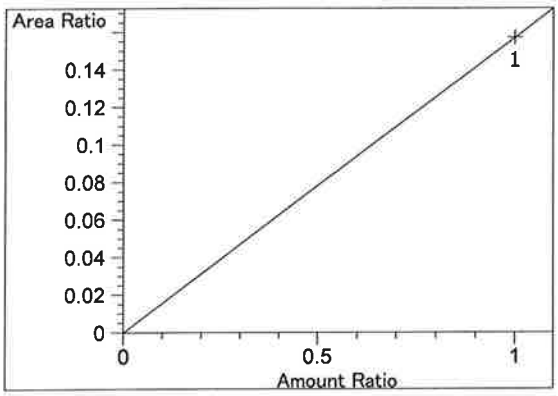
methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.02593e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.35083e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

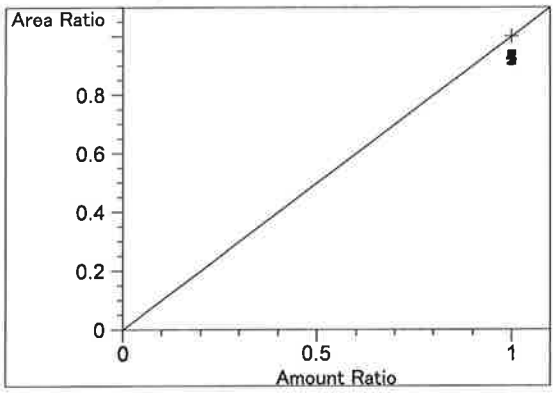


ethanol at exp. RT: 4.285
FID2 B, Back Signal
Correlation: 0.99994
Residual Std. Dev.: 0.00522
Formula: y = mx + b
m: 2.25131
b: -1.60942e-2
x: Amount Ratio
y: Area Ratio

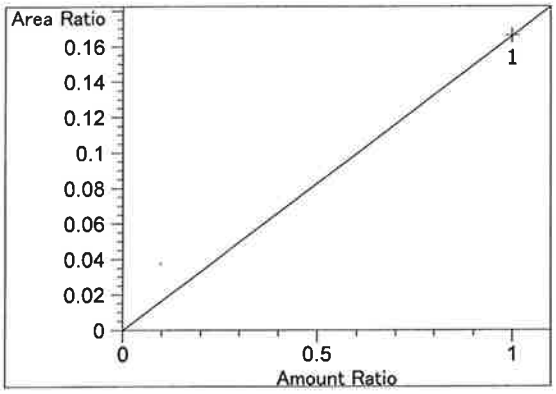


acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.57021e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

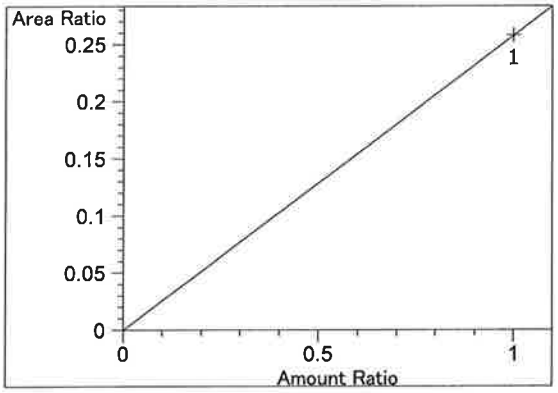
JG



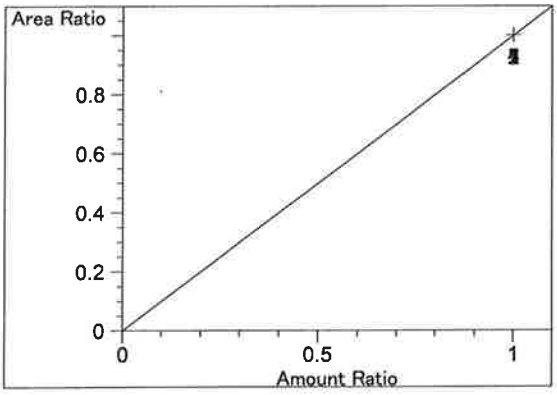
n-propanol at exp. RT: 4.620
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio



acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.65979e-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: 2.57803e-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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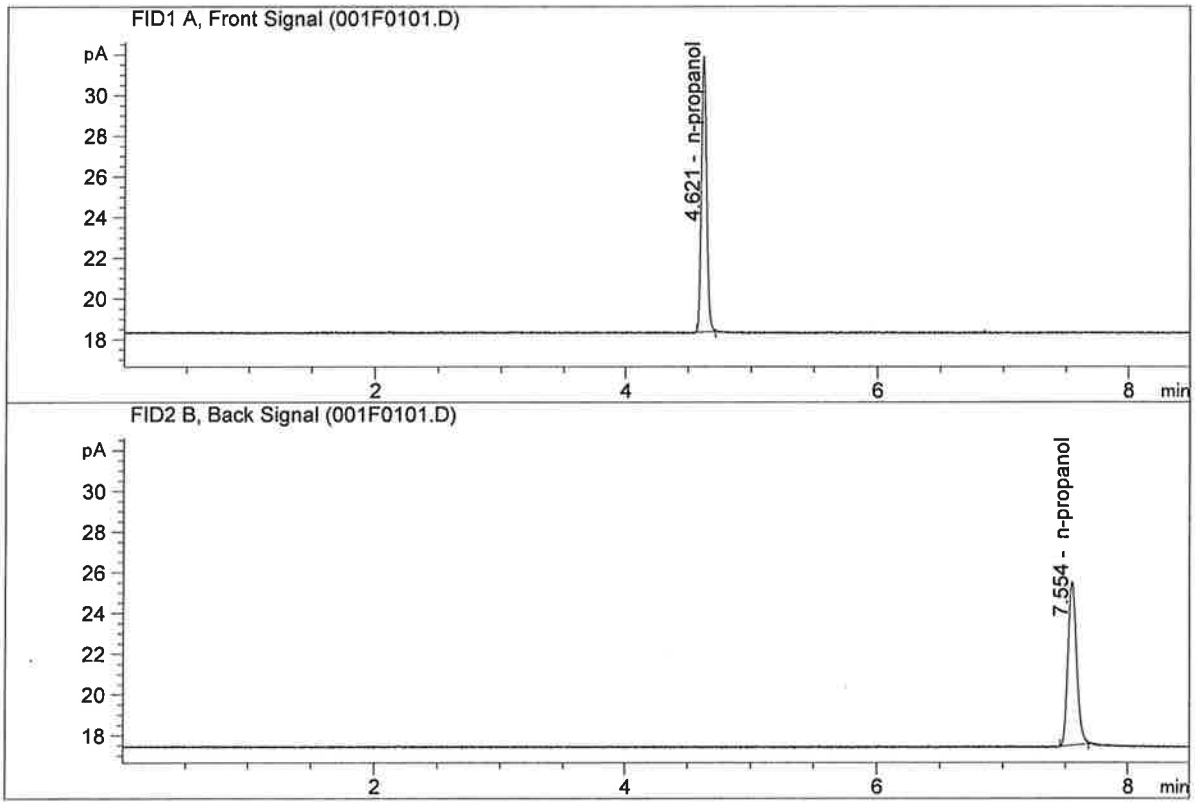
ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Nov 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

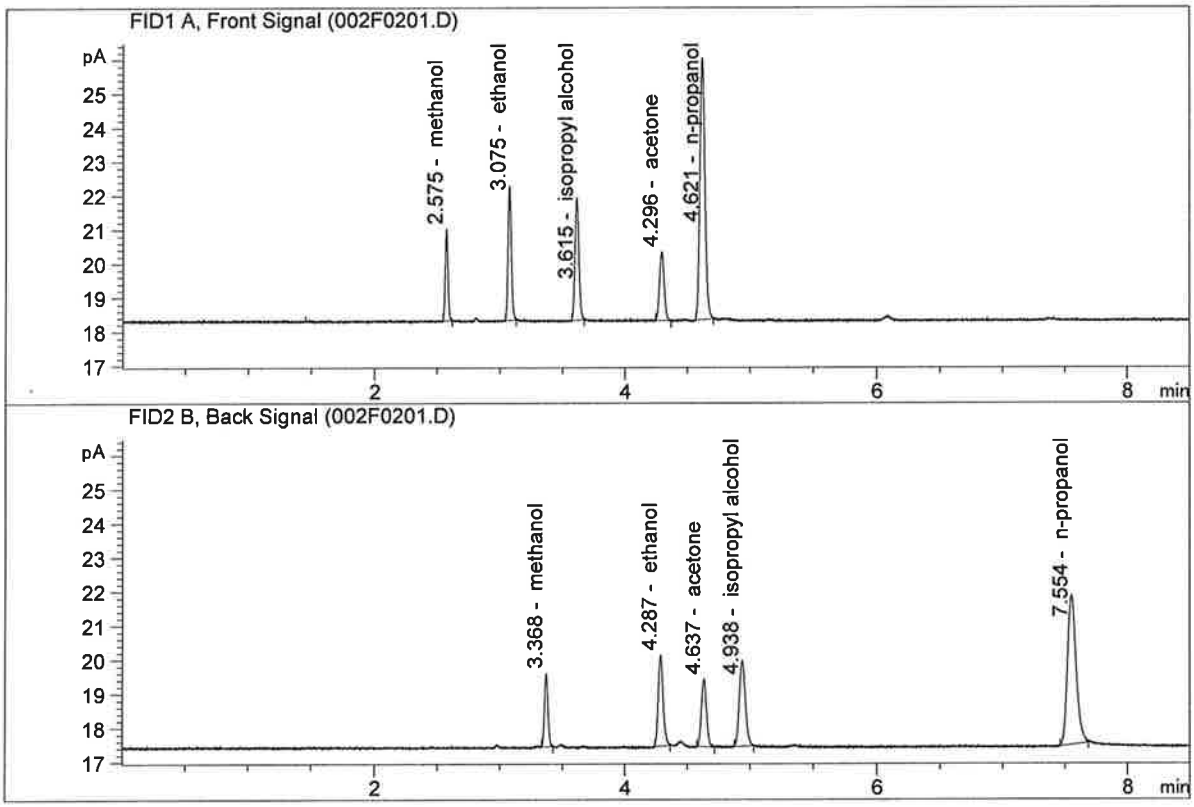


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	38.26168	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.21621	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : MIX VOL FN09231404
Laboratory : Meridian
Injection Date : Nov 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.07002	0.1545	g/100cc
2.	Ethanol	Column 2:	7.08369	0.1556	g/100cc
3.	n-Propanol	Column 1:	21.74562	1.0000	g/100cc
4.	n-Propanol	Column 2:	21.19876	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 09 Nov 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0825	0.0835	0.0010	0.0830	0.0825	
(g/100cc)	0.0818	0.0824	0.0006	0.0821		

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
0.082	**0.077**	**0.087**	**0.005**

Reported Result

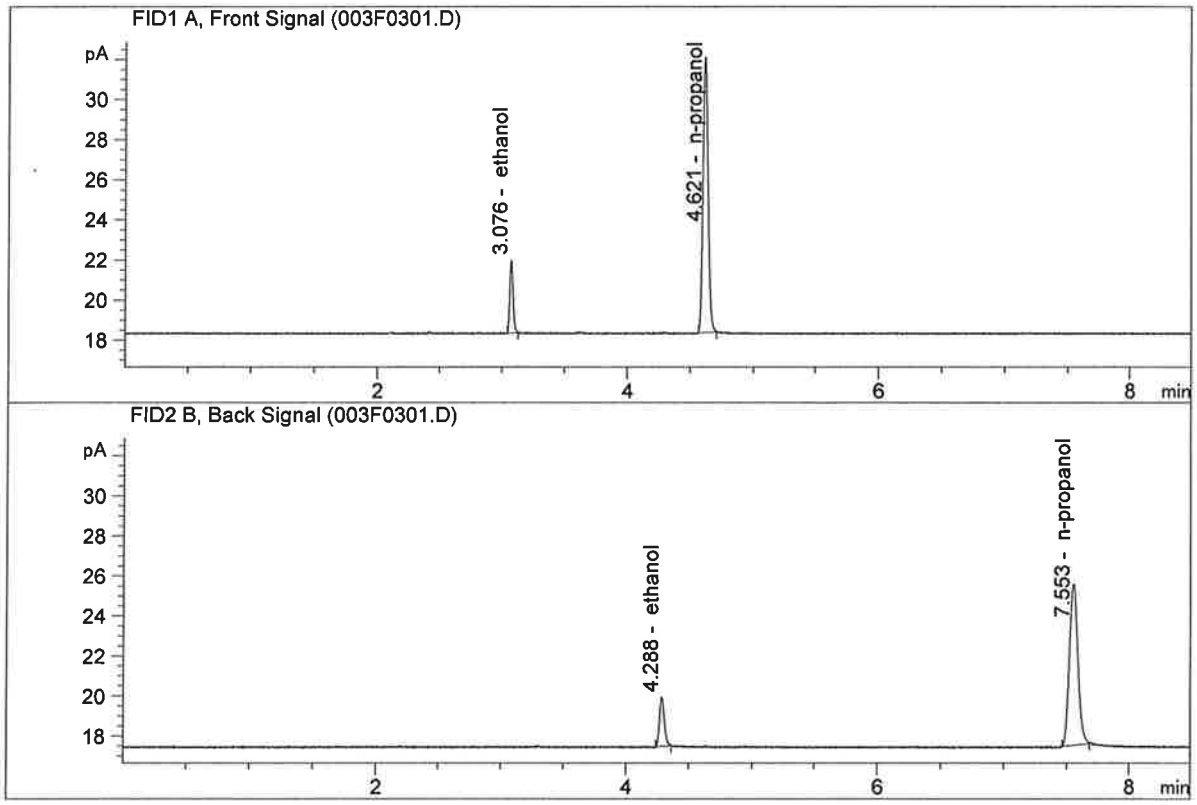
0.082

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name	:	QC1-1-A
Laboratory	:	Meridian
Injection Date	:	Nov 9, 2017
Method	:	ALCOHOL.M
Acq. Instrument	:	CN11180014-CN11041167

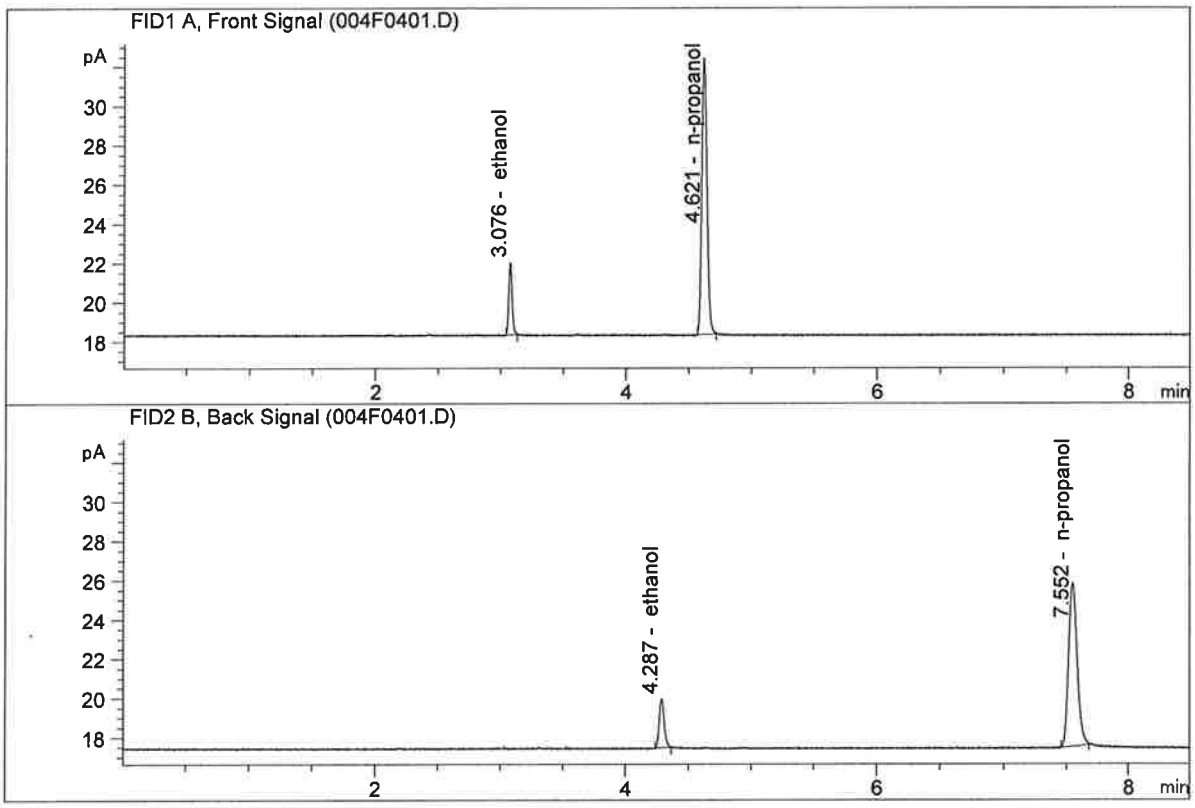


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.67565	0.0825	g/100cc
2.	Ethanol	Column 2:	6.63604	0.0835	g/100cc
3.	n-Propanol	Column 1:	38.87313	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.58116	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Nov 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.79554	0.0818	g/100cc
2.	Ethanol	Column 2:	6.72638	0.0824	g/100cc
3.	n-Propanol	Column 1:	39.91410	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.72528	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 09 Nov 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0835	0.0844	0.0009	0.0839	0.0849	
(g/100cc)	0.0857	0.0862	0.0005	0.0859		

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%**

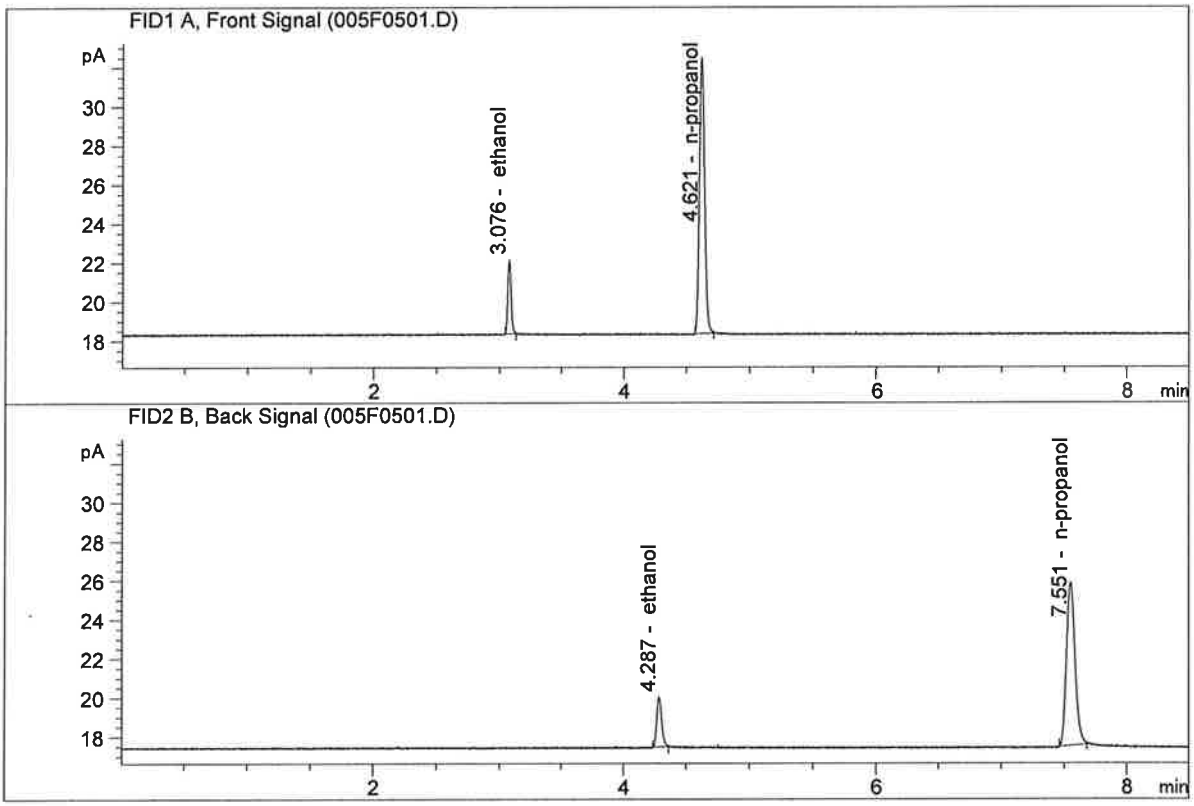
Overall Mean (g/100cc)	Low	High	5% of Mean
0.084	**0.079**	**0.089**	**0.005**

	Reported Result	
	0.084	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

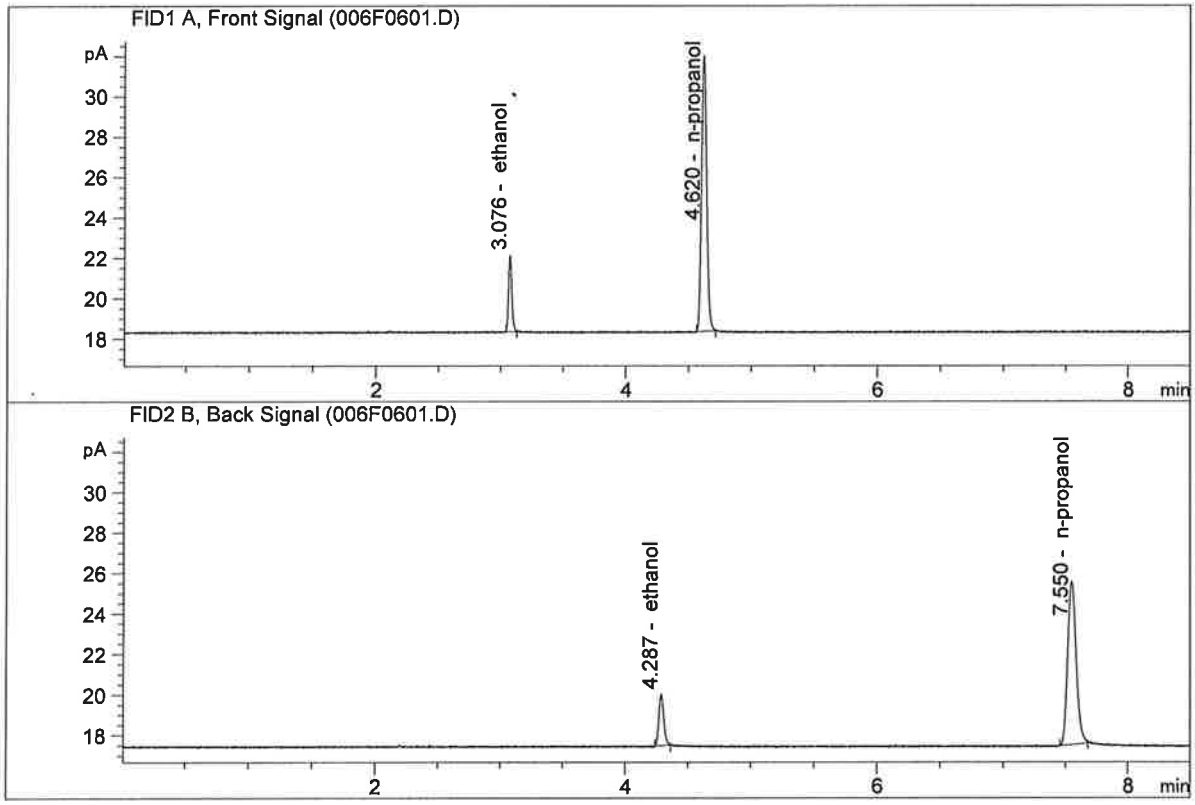
Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : Nov 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.98610	0.0835	g/100cc
2.	Ethanol	Column 2:	6.93315	0.0844	g/100cc
3.	n-Propanol	Column 1:	40.15630	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.84849	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : Nov 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.89886	0.0857	g/100cc
2.	Ethanol	Column 2:	6.83170	0.0862	g/100cc
3.	n-Propanol	Column 1:	38.63440	1.0000	g/100cc
4.	n-Propanol	Column 2:	38.38506	1.0000	g/100cc

JC

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 09 Nov 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2059	0.2055	0.0004	0.2057	0.2064	
(g/100cc)	0.2070	0.2075	0.0005	0.2072		

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%**

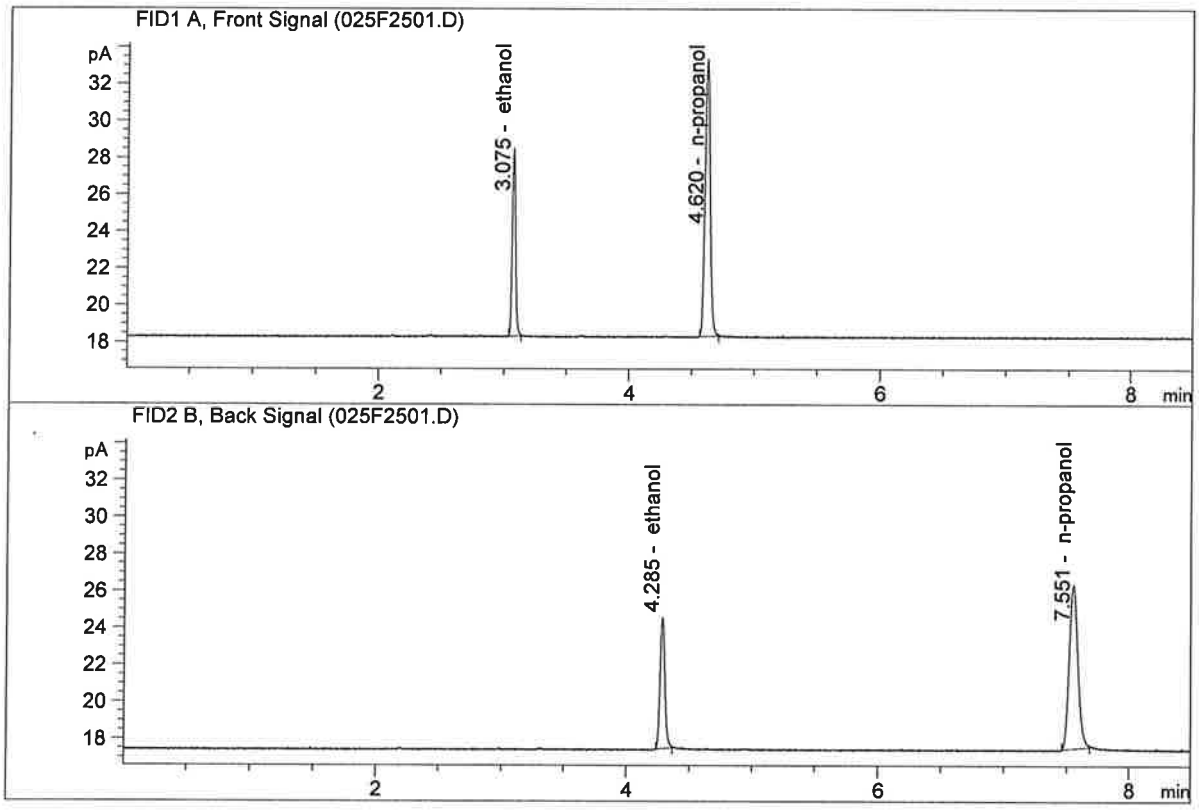
Overall Mean (g/100cc)	Low	High	5% of Mean
0.206	**0.195**	**0.217**	**0.011**

	Reported Result	
	0.206	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Nov 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

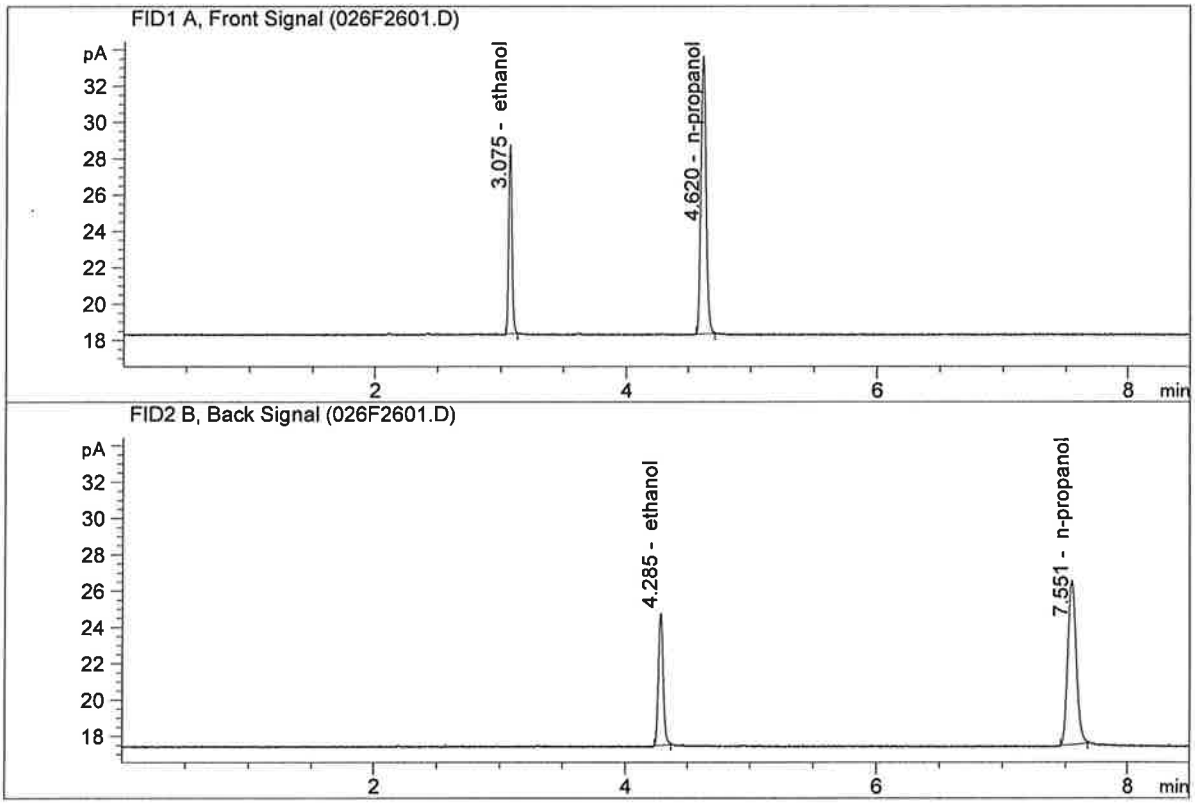


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.57661	0.2059	g/100cc
2.	Ethanol	Column 2:	18.90339	0.2055	g/100cc
3.	n-Propanol	Column 1:	42.74928	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.33027	1.0000	g/100cc

JG

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Nov 9, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.99884	0.2070	g/100cc
2.	Ethanol	Column 2:	19.43589	0.2075	g/100cc
3.	n-Propanol	Column 1:	43.47834	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.09851	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 10 Nov 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0840	0.0850	0.0010	0.0845	0.0836	
(g/100cc)	0.0822	0.0832	0.0010	0.0827		

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
0.083	**0.078**	**0.088**	**0.005**

Reported Result

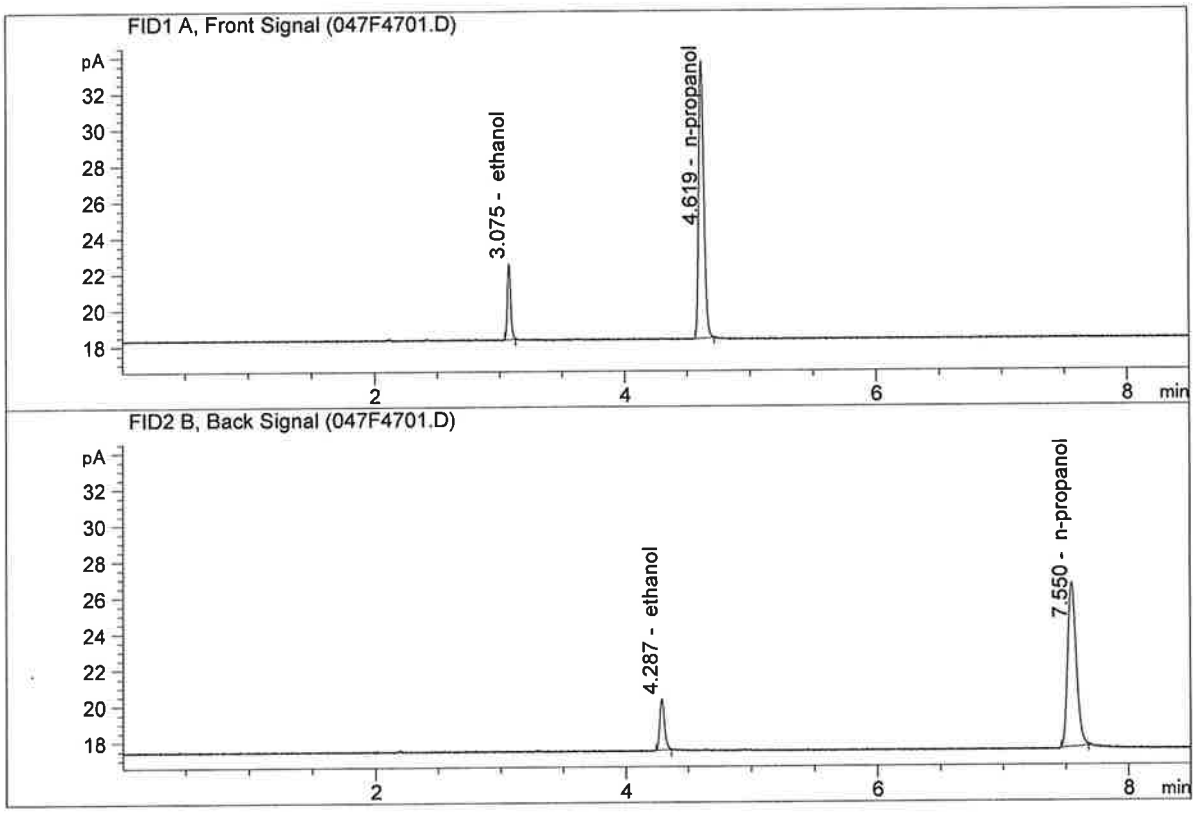
0.083

Calibration and control data are stored centrally.

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Nov 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

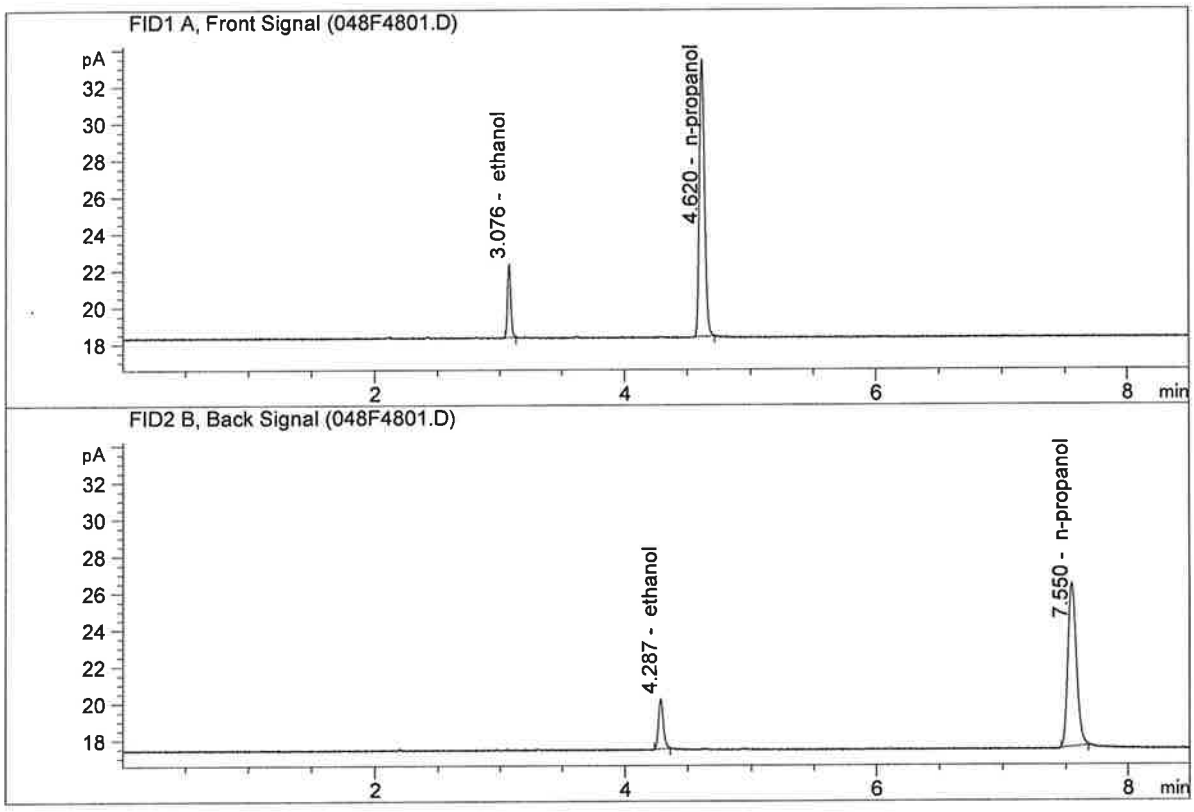


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.62561	0.0840	g/100cc
2.	Ethanol	Column 2:	7.57064	0.0850	g/100cc
3.	n-Propanol	Column 1:	43.60066	1.0000	g/100cc
4.	n-Propanol	Column 2:	43.20621	1.0000	g/100cc

JC

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Nov 10, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.34463	0.0822	g/100cc
2.	Ethanol	Column 2:	7.26685	0.0832	g/100cc
3.	n-Propanol	Column 1:	42.89779	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.42834	1.0000	g/100cc

JG

Sequence File C:\Chem32\...MPLES\11-09-17_2_SAMPLES 2017-11-09 16-17-29\11-09-17_2_SAMPLES.S

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

Sequence table: C:\Chem32\1\Data\11-09-17_2_SAMPLES\11-09-17_2_SAMPLES 2017-11-09 16-17-2\11-09-17_2_SAMPLES.S

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Logbook: C:\Chem32\1\Data\11-09-17_2_SAMPLES\11-09-17_2_SAMPLES 2017-11-09 16-17-2\11-09-17_2_SAMPLES.LOG

Sequence start: 11/9/2017 4:32:20 PM

Sequence Operator: SYSTEM

Operator: SYSTEM

Method file name: C:\Chem32\1\Data\11-09-17_2_SAMPLES\11-09-17_2_SAMPLES 2017-11-09 16-17-2\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	M2017-4779-1-A	-	1.0000	007F0701.D		2
8	8	1	M2017-4779-1-B	-	1.0000	008F0801.D		2
9	9	1	M2017-4388-2-A	-	1.0000	009F0901.D		2
10	10	1	M2017-4388-2-B	-	1.0000	010F1001.D		2
11	11	1	M2017-4899-1-A	-	1.0000	011F1101.D		6
12	12	1	M2017-4899-1-B	-	1.0000	012F1201.D		6
13	13	1	M2017-4965-1-A	-	1.0000	013F1301.D		6
14	14	1	M2017-4965-1-B	-	1.0000	014F1401.D		6
15	15	1	M2017-4989-1-A	-	1.0000	015F1501.D		6
16	16	1	M2017-4989-1-B	-	1.0000	016F1601.D		6
17	17	1	M2017-5007-1-A	-	1.0000	017F1701.D		6
18	18	1	M2017-5007-1-B	-	1.0000	018F1801.D		6
19	19	1	M2017-5009-1-A	-	1.0000	019F1901.D		6
20	20	1	M2017-5009-1-B	-	1.0000	020F2001.D		6
21	21	1	M2017-5016-1-A	-	1.0000	021F2101.D		6
22	22	1	M2017-5016-1-B	-	1.0000	022F2201.D		6
23	23	1	M2017-5018-1-A	-	1.0000	023F2301.D		6
24	24	1	M2017-5018-1-B	-	1.0000	024F2401.D		6
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	M2017-5019-1-A	-	1.0000	027F2701.D		6
28	28	1	M2017-5019-1-B	-	1.0000	028F2801.D		6
29	29	1	M2017-5023-1-A	-	1.0000	029F2901.D		2
30	30	1	M2017-5023-1-B	-	1.0000	030F3001.D		2
31	31	1	M2017-5024-1-A	-	1.0000	031F3101.D		6
32	32	1	M2017-5024-1-B	-	1.0000	032F3201.D		6
33	33	1	M2017-5025-1-A	-	1.0000	033F3301.D		6
34	34	1	M2017-5025-1-B	-	1.0000	034F3401.D		6
35	35	1	M2017-5026-1-A	-	1.0000	035F3501.D		6
36	36	1	M2017-5026-1-B	-	1.0000	036F3601.D		6
37	37	1	M2017-5027-1-A	-	1.0000	037F3701.D		2
38	38	1	M2017-5027-1-B	-	1.0000	038F3801.D		2
39	39	1	M2017-5037-2-A	-	1.0000	039F3901.D		2
40	40	1	M2017-5037-2-B	-	1.0000	040F4001.D		2
41	41	1	M2017-5052-1-A	-	1.0000	041F4101.D		6
42	42	1	M2017-5052-1-B	-	1.0000	042F4201.D		6

Sequence File C:\Chem32\...MPLES\11-09-17_2_SAMPLES 2017-11-09 16-17-29\11-09-17_2_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
43	43	1	M2017-5053-1-A	-	1.0000	043F4301.D	4
44	44	1	M2017-5053-1-B	-	1.0000	044F4401.D	4
45	45	1	M2017-5054-1-A	-	1.0000	045F4501.D	6
46	46	1	M2017-5054-1-B	-	1.0000	046F4601.D	6
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	M2017-5087-1-A	-	1.0000	049F4901.D	6
50	50	1	M2017-5087-1-B	-	1.0000	050F5001.D	6
51	51	1	M2017-5088-1-A	-	1.0000	051F5101.D	6
52	52	1	M2017-5088-1-B	-	1.0000	052F5201.D	6
53	53	1	M2017-5089-2-A	-	1.0000	053F5301.D	4
54	54	1	M2017-5089-2-B	-	1.0000	054F5401.D	4
55	55	1	M2017-5090-1-A	-	1.0000	055F5501.D	6
56	56	1	M2017-5090-1-B	-	1.0000	056F5601.D	6
57	55	1	M2017-5145-1-A	-	1.0000	055F5701.D	6
58	56	1	M2017-5145-1-B	-	1.0000	056F5801.D	6
59	55	1	M2017-5154-1-A	-	1.0000	055F5901.D	6
60	56	1	M2017-5154-1-B	-	1.0000	056F6001.D	6
61	55	1	M2017-5155-1-A	-	1.0000	055F6101.D	6
62	56	1	M2017-5155-1-B	-	1.0000	056F6201.D	6
63	55	1	P2017-2582-1-A	-	1.0000	055F6301.D	6
64	56	1	P2017-2582-1-B	-	1.0000	056F6401.D	6
65	55	1	P2017-2583-1-A	-	1.0000	055F6501.D	6
66	56	1	P2017-2583-1-B	-	1.0000	056F6601.D	6
67	55	1	P2017-2585-1-A	-	1.0000	055F6701.D	6
68	56	1	P2017-2585-1-B	-	1.0000	056F6801.D	6
69	57	1	QC2-2-A	-	1.0000	057F6901.D	4
70	58	1	QC2-2-B	-	1.0000	058F7001.D	4
71	59	1	INTERNAL STD BLK	-	1.0000	059F7101.D	4

Method file name: C:\Chem32\1\Data\11-09-17_2_SAMPLES\11-09-17_2_SAMPLES 2017-11-09 16-17-2
\SHUTDOWN.M

Rerun due to wrong Location -JG

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
72	60	1	EMPTY	-	1.0000	060F7201.D	0

JG